ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **DETOUR GOLD CORPORATION**
86-2ND STREET PO BOX 1325
COCHRANE ON P0L 1C0

Finalized Date: 1-JUN-2016
This copy reported on
17-JAN-2018
Account: DETGLD

QC CERTIFICATE SD16073831

Project: DGEX-635

P.O. No.: DGC 4800002804

This report is for 160 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 11-MAY-2016.

The following have access to data associated with this certificate:

APRIL COOMBS	ADREE DELAZZER	GUY MAC GILLIVRAY
KELLY MALCOLM	JEAN FRANCOIS METAIL	LARRY THON
JAMES TOLHURST	DETOUR GOLD WEBTRIEVE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **DETOUR GOLD CORPORATION**
ATTN: FRANK KENDLE
86-2ND STREET PO BOX 1325
COCHRANE ON P0L 1C0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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COCHRANE ON P0L 1C0

Finalized Date: 1-JUN-2016
Account: DETGLD

Project: DGEX-635

QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au g/t 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
STANDARDS																
BP-13		0.356														
Target Range - Lower Bound		0.332														
Upper Bound		0.384														
G909-4																
Target Range - Lower Bound																
Upper Bound																
GBM908-10			2.9	7.01	54	1100	1.4	<2	3.80	1.8	25	135	3520	5.47	20	2.07
GBM908-10			2.9	7.01	50	1090	1.3	<2	3.72	1.8	24	137	3440	5.39	20	2.06
GBM908-10			3.0	7.11	49	1060	1.4	<2	3.79	1.8	26	137	3590	5.54	20	2.08
Target Range - Lower Bound			1.9	6.40	44	930	<0.5	<2	3.36	0.6	22	125	3370	4.98	<10	1.87
Upper Bound			4.2	7.84	70	1280	2.5	5	4.12	2.8	30	155	3890	6.10	40	2.31
MRGeo08			4.6	7.67	33	1150	3.3	2	2.79	2.5	21	93	637	4.11	20	3.24
MRGeo08			4.5	7.47	33	1070	3.1	2	2.61	2.2	19	90	603	3.83	20	3.04
MRGeo08			4.5	7.74	32	1080	3.3	<2	2.76	2.2	20	94	647	4.06	20	3.26
Target Range - Lower Bound			3.2	6.64	21	920	2.2	<2	2.35	1.1	17	81	586	3.55	<10	2.79
Upper Bound			5.7	8.14	45	1270	4.5	5	2.90	3.4	23	102	676	4.37	40	3.43
OGGeo08			19.9	6.86	105	920	2.8	9	2.20	19.0	93	85	8380	5.32	20	2.87
OGGeo08			20.5	6.82	119	950	2.9	10	2.27	19.2	98	87	8630	5.47	10	3.01
OGGeo08			19.9	6.84	118	920	2.8	11	2.21	18.9	93	85	8280	5.31	20	2.89
Target Range - Lower Bound			17.7	6.07	102	700	1.8	6	1.98	16.2	86	78	7800	4.81	<10	2.59
Upper Bound			22.7	7.44	136	980	4.1	15	2.44	21.0	108	98	8980	5.91	40	3.19
OREAS 216		6.73														
OREAS 216		6.81														
Target Range - Lower Bound		6.26														
Upper Bound		7.06														
OREAS-45b			<0.5	7.69	8	230	0.9	<2	0.35	0.5	85	832	525	17.10	30	0.31
OREAS-45b			<0.5	7.31	12	220	0.9	<2	0.34	<0.5	79	798	496	16.25	20	0.29
OREAS-45b			<0.5	7.33	13	230	0.9	<2	0.34	<0.5	81	799	494	16.35	20	0.29
Target Range - Lower Bound			<0.5	6.74	<5	200	<0.5	<2	0.30	<0.5	76	774	484	14.80	<10	0.26
Upper Bound			1.2	8.26	22	290	1.9	4	0.38	1.1	95	948	560	18.10	50	0.34
OxC129		0.202														
OxC129		0.197														
Target Range - Lower Bound		0.188														
Upper Bound		0.222														
OxJ111		2.19														
Target Range - Lower Bound		2.03														
Upper Bound		2.30														
SQ48																
Target Range - Lower Bound																
Upper Bound																

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86-2ND STREET PO BOX 1325
COCHRANE ON P0L 1C0

Finalized Date: 1-JUN-2016
Account: DETGLD

Project: DGEX-635

QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
STANDARDS																
BP-13																
Target Range - Lower Bound																
Upper Bound																
G909-4																
Target Range - Lower Bound																
Upper Bound																
GBM908-10		50	1.81	791	59	2.13	2240	980	2130	0.36	<5	17	290	<20	0.66	<10
GBM908-10		50	1.78	772	57	2.11	2160	980	1985	0.36	<5	17	287	<20	0.63	<10
GBM908-10		50	1.81	781	62	2.15	2300	1000	2010	0.37	5	17	297	20	0.66	<10
Target Range - Lower Bound		20	1.61	715	57	1.93	2030	880	1860	0.33	<5	14	260	<20	0.59	<10
Upper Bound		70	1.99	885	72	2.38	2480	1100	2280	0.43	12	20	320	60	0.74	20
MRGeo08		30	1.38	580	14	2.07	729	1100	1180	0.32	10	11	321	20	0.52	10
MRGeo08		30	1.30	546	14	1.94	685	1050	1055	0.29	10	11	303	20	0.47	<10
MRGeo08		30	1.38	572	16	2.06	724	1110	1110	0.31	8	12	321	20	0.51	<10
Target Range - Lower Bound		<10	1.17	497	12	1.76	621	930	969	0.27	<5	10	276	<20	0.44	<10
Upper Bound		60	1.45	619	18	2.18	761	1160	1190	0.35	15	15	340	60	0.56	20
OGGeo08		30	1.24	510	896	1.81	8760	830	7280	2.75	28	9	250	20	0.39	<10
OGGeo08		30	1.27	513	917	1.88	8990	880	7410	2.87	26	9	261	20	0.41	<10
OGGeo08		30	1.25	499	886	1.80	8630	850	7170	2.78	28	10	253	20	0.40	<10
Target Range - Lower Bound		<10	1.11	447	841	1.62	8000	760	6510	2.51	14	8	223	<20	0.35	<10
Upper Bound		60	1.38	557	1030	2.00	9770	950	7970	3.09	40	13	275	60	0.45	20
OREAS 216																
OREAS 216																
Target Range - Lower Bound																
Upper Bound																
OREAS-45b		30	0.22	1010	2	0.08	284	570	24	0.03	<5	51	36	<20	1.36	<10
OREAS-45b		20	0.21	936	3	0.08	267	560	18	0.03	<5	49	36	<20	1.33	<10
OREAS-45b		20	0.21	931	3	0.08	269	560	18	0.03	<5	49	36	<20	1.32	<10
Target Range - Lower Bound		<10	0.18	870	<1	0.06	251		21	<0.01	<5	45	30	<20	1.20	<10
Upper Bound		50	0.24	1075	4	0.10	309		31	0.05	11	58	39	50	1.48	20
OxC129																
OxC129																
Target Range - Lower Bound																
Upper Bound																
OxJ111																
Target Range - Lower Bound																
Upper Bound																
SQ48																
Target Range - Lower Bound																
Upper Bound																

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To: **DETOUR GOLD CORPORATION**
86-2ND STREET PO BOX 1325
COCHRANE ON P0L 1C0

Finalized Date: 1-JUN-2016
Account: DETGLD

Project: DGEX-635

QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-GRA22 Au g/t 0.05
STANDARDS						
BP-13						
Target Range - Lower Bound						
Upper Bound						
G909-4						7.57
Target Range - Lower Bound						7.02
Upper Bound						8.02
GBM908-10		<10	138	<10	1060	
GBM908-10		<10	138	<10	1020	
GBM908-10		<10	139	<10	1045	
Target Range - Lower Bound		<10	123	<10	939	
Upper Bound		20	153	20	1155	
MRGeo08		<10	114	<10	833	
MRGeo08		<10	108	<10	784	
MRGeo08		<10	115	10	839	
Target Range - Lower Bound		<10	97	<10	722	
Upper Bound		30	121	30	886	
OGGeo08		<10	84	<10	7070	
OGGeo08		<10	90	<10	7300	
OGGeo08		<10	86	<10	7050	
Target Range - Lower Bound		<10	77	<10	6500	
Upper Bound		30	97	30	7950	
OREAS 216						
OREAS 216						
Target Range - Lower Bound						
Upper Bound						
OREAS-45b		<10	257	<10	193	
OREAS-45b		<10	247	<10	184	
OREAS-45b		<10	248	<10	196	
Target Range - Lower Bound		<10	225	<10	174	
Upper Bound		20	277	20	218	
OxC129						
OxC129						
Target Range - Lower Bound						
Upper Bound						
OxJ111						
Target Range - Lower Bound						
Upper Bound						
SQ48						30.6
Target Range - Lower Bound						28.4
Upper Bound						32.1

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Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au g/t 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
BLANKS																
BLANK		<0.005														
BLANK		<0.005														
BLANK		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
Target Range - Lower Bound			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
Upper Bound			1.0	0.02	10	20	1.0	4	0.02	1.0	2	2	2	0.02	20	0.02
DUPLICATES																
D1245820		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1245840		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1245852			<0.5	6.71	<5	20	<0.5	<2	7.81	0.6	46	38	107	12.10	30	0.15
DUP			<0.5	6.62	<5	20	<0.5	<2	7.64	0.6	45	35	109	11.95	20	0.15
Target Range - Lower Bound			<0.5	6.32	<5	<10	<0.5	<2	7.33	<0.5	42	34	103	11.40	<10	0.13
Upper Bound			1.0	7.01	10	30	1.0	4	8.12	1.0	49	39	113	12.65	40	0.17

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QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
BLANKS																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
BLANK		<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
BLANK		<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
BLANK		<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
BLANK		<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
BLANK		<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
Target Range - Lower Bound		<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
Upper Bound		20	0.02	10	2	0.02	2	20	4	0.02	10	2	2	40	0.02	20
DUPLICATES																
D1245820																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1245840																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1245852		10	2.50	1885	<1	1.42	34	610	<2	0.19	<5	43	208	<20	1.04	10
DUP		10	2.46	1845	<1	1.40	34	590	<2	0.18	<5	42	206	<20	1.02	10
Target Range - Lower Bound		<10	2.35	1765	<1	1.33	31	560	<2	0.17	<5	39	196	<20	0.97	<10
Upper Bound		20	2.61	1965	2	1.49	37	640	4	0.20	10	46	218	40	1.09	20

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Project: DGEX-635

QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-GRA22 Au g/t 0.05
BLANKS						
BLANK						
BLANK						
BLANK						
Target Range - Lower Bound						
Upper Bound						
BLANK						<0.05
Target Range - Lower Bound						<0.05
Upper Bound						0.10
BLANK		<10	<1	<10	<2	
BLANK		<10	<1	<10	<2	
BLANK		<10	<1	<10	<2	
BLANK		<10	<1	<10	<2	
BLANK		<10	<1	<10	<2	
BLANK		<10	<1	<10	<2	
Target Range - Lower Bound		<10	<1	<10	<2	
Upper Bound		20	2	20	4	
DUPLICATES						
D1245820						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1245840						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1245852		<10	391	<10	143	
DUP		<10	384	<10	141	
Target Range - Lower Bound		<10	367	<10	133	
Upper Bound		20	408	20	151	

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Project: DGEX-635

QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au g/t 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
DUPLICATES																
D1245617		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1245627			<0.5	7.47	<5	60	<0.5	<2	5.71	0.6	35	130	54	8.36	20	0.60
DUP			<0.5	7.35	<5	60	<0.5	<2	5.58	0.7	34	128	54	8.24	20	0.59
Target Range - Lower Bound			<0.5	7.03	<5	50	<0.5	<2	5.35	<0.5	32	122	51	7.88	<10	0.56
Upper Bound			1.0	7.79	10	70	1.0	4	5.94	1.0	37	136	57	8.73	30	0.63
D1245637		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1245657		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1245663			<0.5	8.30	<5	40	0.5	2	6.35	<0.5	26	63	53	5.55	20	0.15
DUP			<0.5	8.39	<5	40	0.5	<2	6.48	<0.5	26	66	53	5.68	20	0.15
Target Range - Lower Bound			<0.5	7.92	<5	30	<0.5	<2	6.08	<0.5	24	60	50	5.32	<10	0.13
Upper Bound			1.0	8.77	10	50	1.0	4	6.75	1.0	28	69	56	5.91	30	0.17
D1245699			<0.5	7.87	<5	20	<0.5	<2	7.01	0.5	42	151	84	8.65	20	0.18
DUP			<0.5	8.54	5	20	<0.5	<2	7.65	0.5	46	158	95	9.39	20	0.19
Target Range - Lower Bound			<0.5	7.78	<5	<10	<0.5	<2	6.95	<0.5	41	146	85	8.56	<10	0.17
Upper Bound			1.0	8.63	10	30	1.0	4	7.71	1.0	47	163	94	9.48	30	0.20
D1245715		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1245735		<0.005	<0.5	7.46	<5	280	0.5	<2	4.74	0.5	39	111	67	8.34	20	0.78
DUP		<0.005	<0.5	7.74	<5	290	0.5	<2	4.93	0.5	39	116	70	8.63	20	0.81
Target Range - Lower Bound		<0.005	<0.5	7.21	<5	250	<0.5	<2	4.58	<0.5	36	107	65	8.05	<10	0.75
Upper Bound		0.010	1.0	7.99	10	320	1.0	4	5.09	1.0	42	120	72	8.92	30	0.84

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **DETOUR GOLD CORPORATION**
86-2ND STREET PO BOX 1325
COCHRANE ON P0L 1C0

Finalized Date: 1-JUN-2016
Account: DETGLD

Project: DGEX-635

QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
		DUPLICATES														
D1245617																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1245627		10	3.50	1790	1	1.13	103	600	<2	0.07	5	26	140	<20	0.51	<10
DUP		10	3.45	1755	<1	1.11	103	590	<2	0.07	5	25	138	<20	0.50	<10
Target Range - Lower Bound		<10	3.29	1680	<1	1.05	97	560	<2	0.06	<5	23	131	<20	0.47	<10
Upper Bound		20	3.66	1865	2	1.19	109	630	4	0.08	10	28	147	40	0.54	20
D1245637																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1245657																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1245663		10	2.49	898	1	2.11	76	730	2	0.01	7	20	159	<20	0.43	<10
DUP		10	2.53	917	<1	2.17	76	740	3	0.01	<5	20	162	<20	0.43	<10
Target Range - Lower Bound		<10	2.37	857	<1	2.02	71	690	<2	<0.01	<5	18	151	<20	0.40	<10
Upper Bound		20	2.65	958	2	2.26	81	780	4	0.02	10	22	170	40	0.46	20
D1245699		10	3.39	1535	1	1.26	90	560	<2	0.06	<5	33	235	<20	0.65	<10
DUP		10	3.70	1675	1	1.37	98	610	<2	0.07	<5	36	256	<20	0.72	<10
Target Range - Lower Bound		<10	3.36	1520	<1	1.24	88	550	<2	0.05	<5	32	232	<20	0.64	<10
Upper Bound		20	3.73	1690	2	1.39	100	620	4	0.08	10	37	259	40	0.73	20
D1245715																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1245735		10	2.93	1060	1	1.55	95	650	<2	0.23	7	25	229	<20	0.63	<10
DUP		10	3.04	1090	1	1.61	99	690	<2	0.24	<5	26	237	<20	0.66	<10
Target Range - Lower Bound		<10	2.83	1015	<1	1.49	91	630	<2	0.21	<5	23	220	<20	0.60	<10
Upper Bound		20	3.14	1135	2	1.67	103	710	4	0.26	10	28	246	40	0.69	20

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QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-GRA22 Au g/t 0.05
		DUPLICATES				
D1245617						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1245627		<10	181	<10	95	
DUP		<10	176	<10	96	
Target Range - Lower Bound		<10	169	<10	89	
Upper Bound		20	188	20	102	
D1245637						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1245657						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1245663		<10	148	<10	78	
DUP		<10	151	<10	80	
Target Range - Lower Bound		<10	141	<10	73	
Upper Bound		20	158	20	85	
D1245699		<10	249	<10	108	
DUP		<10	270	<10	118	
Target Range - Lower Bound		<10	246	<10	105	
Upper Bound		20	273	20	121	
D1245715						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1245735		<10	209	<10	105	
DUP		<10	216	<10	109	
Target Range - Lower Bound		<10	201	<10	100	
Upper Bound		20	224	20	114	

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QC CERTIFICATE OF ANALYSIS SD16073831

Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au g/t 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
DUPLICATES																
ORIGINAL			<0.5	5.02	<5	190	0.5	2	<0.01	<0.5	7	4	1385	3.57	20	1.74
DUP			<0.5	4.66	<5	180	0.5	<2	<0.01	<0.5	6	4	1310	3.34	10	1.60
Target Range - Lower Bound			<0.5	4.59	<5	160	<0.5	<2	<0.01	<0.5	5	3	1300	3.27	<10	1.58
Upper Bound			1.0	5.09	10	210	1.0	4	0.02	1.0	8	5	1395	3.64	20	1.76
PREP DUPLICATES																
D1245654		<0.005	<0.5	8.00	<5	190	<0.5	<2	7.24	0.6	44	117	68	7.24	20	0.76
D1245654 PREP DUP		<0.005	<0.5	8.57	<5	200	<0.5	<2	7.77	0.8	48	129	74	7.83	20	0.84
D1245706		<0.005	<0.5	7.70	<5	20	<0.5	<2	7.61	0.6	44	149	89	8.68	20	0.19
D1245706 PREP DUP		<0.005	<0.5	8.15	<5	30	<0.5	<2	8.09	0.7	48	160	94	9.20	20	0.20
D1245759		<0.005	<0.5	6.35	<5	300	0.5	<2	5.62	0.6	31	57	66	6.80	20	1.25
D1245759 PREP DUP		<0.005	<0.5	6.23	<5	290	0.6	<2	5.41	0.5	29	56	65	6.68	20	1.24

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
DUPLICATES																
ORIGINAL		10	0.79	998	1	0.06	<1	<10	<2	0.16	<5	1	17	<20	0.04	<10
DUP		10	0.74	935	1	0.06	<1	10	<2	0.16	<5	1	16	<20	0.04	<10
Target Range - Lower Bound		<10	0.72	913	<1	0.05	<1	<10	<2	0.14	<5	<1	15	<20	0.03	<10
Upper Bound		20	0.81	1020	2	0.07	2	20	4	0.18	10	2	18	40	0.05	20
PREP DUPLICATES																
D1245654		10	2.85	1615	<1	1.53	122	830	3	0.05	<5	31	264	<20	0.74	<10
D1245654 PREP DUP		10	3.10	1695	1	1.65	130	880	<2	0.06	5	33	292	<20	0.82	<10
D1245706		10	3.21	1420	1	1.55	113	550	<2	0.05	7	32	313	<20	0.64	<10
D1245706 PREP DUP		10	3.41	1510	1	1.63	121	590	<2	0.06	<5	34	330	<20	0.67	<10
D1245759		10	2.07	1325	1	1.17	33	350	<2	0.34	<5	28	111	<20	0.56	<10
D1245759 PREP DUP		10	2.02	1285	<1	1.14	33	320	<2	0.32	<5	28	108	<20	0.54	10

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-GRA22 Au g/t 0.05
DUPLICATES						
ORIGINAL		<10	<1	<10	68	
DUP		<10	<1	<10	65	
Target Range - Lower Bound		<10	<1	<10	61	
Upper Bound		20	2	20	72	
PREP DUPLICATES						
D1245654		<10	266	<10	108	
D1245654 PREP DUP		<10	286	<10	116	
D1245706		<10	241	<10	104	
D1245706 PREP DUP		<10	252	<10	110	
D1245759		<10	227	<10	113	
D1245759 PREP DUP		<10	218	<10	110	

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QC CERTIFICATE OF ANALYSIS SD16073831

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-24
	PUL-32	PUL-QC	SPL-22Y	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA24	Au-GRA22	ME-ICP61