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: 7-JUN-2016
This copy reported on
17-JAN-2018
Account: DETGLD

QC CERTIFICATE SD16077315

Project: DGEX-661

P.O. No.: DGC 4800002804

This report is for 160 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 18-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: 7-JUN-2016
Account: DETGLD

Project: DGEX-661

QC CERTIFICATE OF ANALYSIS SD16077315

Sample Description	Method	Au-AA24	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	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	g/t	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
STANDARDS																
BP-13		0.356														
BP-13		0.363														
Target Range - Lower Bound		0.332														
Upper Bound		0.384														
G909-4		7.59														
Target Range - Lower Bound		7.06														
Upper Bound		7.98														
G909-4																
Target Range - Lower Bound																
Upper Bound																
GBM908-10			2.7	6.86	53	1090	1.4	<2	3.65	1.7	23	139	3440	5.31	20	2.07
GBM908-10			2.9	7.25	62	1120	1.4	<2	3.81	2.0	27	141	3600	5.56	20	2.13
GBM908-10			3.0	7.09	53	1130	1.4	3	3.92	1.9	26	139	3760	5.65	20	2.12
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			4.3	7.08	33	1090	3.2	<2	2.60	2.0	17	94	606	3.89	20	3.11
MRGeo08			4.3	7.51	33	1080	3.1	<2	2.59	2.5	20	90	600	3.82	20	3.09
MRGeo08			4.5	7.19	30	1090	3.2	2	2.67	2.3	19	90	629	3.90	20	3.08
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			19.7	6.40	118	930	2.7	10	2.19	18.4	94	86	8220	5.23	20	2.91
OGGeo08			19.5	6.42	114	920	2.7	5	2.14	18.5	93	83	8050	5.13	20	2.83
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-45b			<0.5	7.38	13	230	0.9	<2	0.34	<0.5	80	797	501	16.25	20	0.30
OREAS-45b			<0.5	7.73	13	250	0.9	<2	0.35	<0.5	85	809	508	16.95	20	0.31
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		0.194														
Target Range - Lower Bound		0.188														
Upper Bound		0.222														
OxJ111		2.15														
OxJ111		2.15														
OxJ111		2.14														
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: 7-JUN-2016
Account: DETGLD

Project: DGEX-661

QC CERTIFICATE OF ANALYSIS SD16077315

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
		STANDARDS														
BP-13																
BP-13																
Target Range - Lower Bound																
Upper Bound																
G909-4																
Target Range - Lower Bound																
Upper Bound																
G909-4																
Target Range - Lower Bound																
Upper Bound																
GBM908-10		50	1.81	771	70	2.13	2140	990	2020	0.36	<5	17	286	20	0.64	<10
GBM908-10		50	1.85	787	66	2.18	2310	990	2080	0.38	<5	17	293	20	0.66	<10
GBM908-10		40	1.86	829	56	2.24	2330	1020	2130	0.38	<5	17	301	20	0.68	<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		20	1.31	554	15	1.99	688	1060	1085	0.30	6	10	310	20	0.49	<10
MRGeo08		30	1.32	535	15	1.96	687	1040	1060	0.30	<5	11	300	20	0.48	<10
MRGeo08		30	1.31	563	16	2.01	709	1030	1095	0.31	<5	11	312	<20	0.50	<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	1.21	485	910	1.80	8620	830	7200	2.78	27	9	249	20	0.39	<10
OGGeo08		30	1.20	482	872	1.78	8500	840	7080	2.75	28	9	242	20	0.39	<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-45b		20	0.22	931	2	0.08	269	580	23	0.03	<5	49	35	<20	1.31	<10
OREAS-45b		30	0.22	963	2	0.08	280	590	25	0.03	<5	51	37	<20	1.37	<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																
Target Range - Lower Bound																
Upper Bound																
OxJ111																
OxJ111																
OxJ111																
Target Range - Lower Bound																
Upper Bound																
SQ48																
Target Range - Lower Bound																
Upper Bound																

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

Finalized Date: 7-JUN-2016
Account: DETGLD

Project: DGEX-661

QC CERTIFICATE OF ANALYSIS SD16077315

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						
BP-13						
Target Range - Lower Bound						
Upper Bound						
G909-4						
Target Range - Lower Bound						
Upper Bound						
G909-4						7.47
Target Range - Lower Bound						7.02
Upper Bound						8.02
GBM908-10		<10	138	<10	1045	
GBM908-10		<10	142	<10	1065	
GBM908-10		<10	145	<10	1110	
Target Range - Lower Bound		<10	123	<10	939	
Upper Bound		20	153	20	1155	
MRGeo08		10	111	<10	809	
MRGeo08		<10	107	10	790	
MRGeo08		10	109	10	816	
Target Range - Lower Bound		<10	97	<10	722	
Upper Bound		30	121	30	886	
OGGeo08		<10	85	10	7230	
OGGeo08		<10	85	10	7010	
Target Range - Lower Bound		<10	77	<10	6500	
Upper Bound		30	97	30	7950	
OREAS-45b		<10	247	<10	191	
OREAS-45b		<10	258	<10	199	
Target Range - Lower Bound		<10	225	<10	174	
Upper Bound		20	277	20	218	
OxC129						
Target Range - Lower Bound						
Upper Bound						
OxJ111						
OxJ111						
OxJ111						
Target Range - Lower Bound						
Upper Bound						
SQ48						30.4
Target Range - Lower Bound						28.4
Upper Bound						32.1

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Finalized Date: 7-JUN-2016
Account: DETGLD

Project: DGEX-661

QC CERTIFICATE OF ANALYSIS SD16077315

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														
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
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																
D1236899		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1236919		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1236931			<0.5	6.94	<5	20	<0.5	<2	6.86	0.5	58	280	154	7.97	20	0.15
DUP			<0.5	7.13	<5	20	<0.5	3	6.70	0.5	56	278	150	7.82	10	0.14
Target Range - Lower Bound			<0.5	6.67	<5	<10	<0.5	<2	6.43	<0.5	53	264	146	7.49	<10	0.13
Upper Bound			1.0	7.40	10	30	1.0	4	7.13	1.0	61	294	158	8.30	20	0.16

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QC CERTIFICATE OF ANALYSIS SD16077315

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																
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	2	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																
D1236899																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1236919																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1236931		<10	5.10	1290	<1	1.22	268	260	<2	0.10	5	14	152	<20	0.43	<10
DUP		<10	5.08	1250	1	1.19	259	240	3	0.10	<5	17	148	<20	0.42	<10
Target Range - Lower Bound		<10	4.83	1200	<1	1.13	249	230	<2	0.09	<5	14	142	<20	0.39	<10
Upper Bound		20	5.35	1340	2	1.28	278	270	4	0.12	10	17	159	40	0.46	20

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Finalized Date: 7-JUN-2016
Account: DETGLD

Project: DGEX-661

QC CERTIFICATE OF ANALYSIS SD16077315

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						
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	
Target Range - Lower Bound		<10	<1	<10	<2	
Upper Bound		20	2	20	4	
DUPLICATES						
D1236899						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1236919						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1236931		<10	195	<10	90	
DUP		<10	190	<10	88	
Target Range - Lower Bound		<10	182	<10	83	
Upper Bound		20	203	20	95	

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Finalized Date: 7-JUN-2016
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Project: DGEX-661

QC CERTIFICATE OF ANALYSIS SD16077315

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																
D1236957		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1236967			1.1	5.80	4210	560	0.8	<2	5.55	0.7	33	126	184	11.80	10	0.55
DUP			1.1	5.73	4190	550	0.8	<2	5.60	0.7	33	127	183	11.75	10	0.54
Target Range - Lower Bound			<0.5	5.47	3990	500	<0.5	<2	5.29	<0.5	30	119	176	11.20	<10	0.51
Upper Bound			1.7	6.06	4420	610	1.0	4	5.86	1.0	36	134	191	12.35	20	0.58
D1236977		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1236997		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1237003			<0.5	7.56	<5	200	0.5	<2	5.18	<0.5	26	57	58	6.90	20	0.43
DUP			<0.5	7.80	<5	210	0.5	<2	5.37	<0.5	27	59	62	7.11	20	0.44
Target Range - Lower Bound			<0.5	7.29	<5	180	<0.5	<2	5.00	<0.5	24	54	57	6.64	<10	0.40
Upper Bound			1.0	8.07	10	230	1.0	4	5.55	1.0	29	62	63	7.37	30	0.47
D1237035		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1237039			<0.5	7.83	<5	40	<0.5	3	5.57	<0.5	46	118	69	7.72	20	0.06
DUP			<0.5	7.93	<5	40	<0.5	<2	5.60	<0.5	46	120	71	7.81	20	0.06
Target Range - Lower Bound			<0.5	7.48	<5	30	<0.5	<2	5.30	<0.5	43	112	67	7.37	<10	0.05
Upper Bound			1.0	8.28	10	50	1.0	4	5.87	1.0	49	126	73	8.16	30	0.07
D1237055		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														

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www.alsglobal.com/geochemistry

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

Finalized Date: 7-JUN-2016
Account: DETGLD

Project: DGEX-661

QC CERTIFICATE OF ANALYSIS SD16077315

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														
D1236957																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1236967		20	2.98	3870	4	1.21	104	2240	13	3.49	<5	19	232	<20	0.55	<10
DUP		20	2.97	3980	4	1.20	103	2250	14	3.50	7	19	231	<20	0.55	<10
Target Range - Lower Bound		<10	2.82	3720	3	1.13	97	2120	11	3.31	<5	17	219	<20	0.51	<10
Upper Bound		30	3.13	4130	5	1.28	110	2370	16	3.68	10	21	244	40	0.59	20
D1236977																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1236997																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1237003		10	2.19	1430	1	2.35	69	670	3	0.22	<5	18	145	<20	0.40	<10
DUP		10	2.26	1480	<1	2.44	71	690	4	0.22	<5	19	149	<20	0.42	<10
Target Range - Lower Bound		<10	2.10	1375	<1	2.27	66	640	<2	0.20	<5	17	139	<20	0.38	<10
Upper Bound		20	2.35	1535	2	2.52	75	720	4	0.24	10	20	155	40	0.44	20
D1237035																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1237039		<10	2.37	1610	1	3.75	120	800	2	0.14	<5	30	89	<20	0.74	10
DUP		<10	2.39	1615	1	3.79	122	800	5	0.14	<5	30	91	<20	0.74	<10
Target Range - Lower Bound		<10	2.25	1525	<1	3.57	114	750	<2	0.12	<5	28	85	<20	0.69	<10
Upper Bound		20	2.51	1700	2	3.97	128	850	4	0.16	10	33	96	40	0.79	20
D1237055																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Finalized Date: 7-JUN-2016
Account: DETGLD

Project: DGEX-661

QC CERTIFICATE OF ANALYSIS SD16077315

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				
D1236957	DUP					
	Target Range - Lower Bound					
	Upper Bound					
D1236967	DUP	<10	171	<10	119	
		<10	170	<10	120	
	Target Range - Lower Bound	<10	161	<10	112	
	Upper Bound	20	180	20	127	
D1236977	DUP					
	Target Range - Lower Bound					
	Upper Bound					
D1236997	DUP					
	Target Range - Lower Bound					
	Upper Bound					
D1237003	DUP	<10	130	<10	87	
		<10	135	<10	92	
	Target Range - Lower Bound	<10	125	<10	83	
	Upper Bound	20	140	20	96	
D1237035	DUP					
	Target Range - Lower Bound					
	Upper Bound					
D1237039	DUP	<10	253	<10	106	
		<10	255	<10	107	
	Target Range - Lower Bound	<10	240	<10	99	
	Upper Bound	20	268	20	114	
D1237055	DUP					
	Target Range - Lower Bound					
	Upper Bound					

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QC CERTIFICATE OF ANALYSIS SD16077315

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																
D1237072		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1225796		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1225816		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1225836		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
ORIGINAL			<0.5	0.37	6	20	<0.5	<2	0.17	<0.5	121	876	36	4.66	<10	0.22
DUP			<0.5	0.37	<5	20	<0.5	<2	0.17	<0.5	120	823	35	4.58	<10	0.22
Target Range - Lower Bound			<0.5	0.34	<5	<10	<0.5	<2	0.15	<0.5	113	806	33	4.38	<10	0.20
Upper Bound			1.0	0.40	10	30	1.0	4	0.19	1.0	128	893	38	4.86	20	0.24
ORIGINAL		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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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														
D1237072																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1225796																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1225816																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1225836																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		<10	25.5	650	<1	0.06	2260	30	<2	0.20	<5	3	3	<20	<0.01	<10
DUP		<10	25.0	641	1	0.08	2230	20	3	0.20	<5	3	4	<20	<0.01	<10
Target Range - Lower Bound		<10	24.0	608	<1	0.06	2130	<10	<2	0.18	<5	2	2	<20	<0.01	<10
Upper Bound		20	26.5	683	2	0.08	2360	40	4	0.22	10	4	5	40	0.02	20
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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QC CERTIFICATE OF ANALYSIS SD16077315

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				
D1237072	DUP					
	Target Range - Lower Bound					
	Upper Bound					
D1225796	DUP					
	Target Range - Lower Bound					
	Upper Bound					
D1225816	DUP					
	Target Range - Lower Bound					
	Upper Bound					
D1225836	DUP					
	Target Range - Lower Bound					
	Upper Bound					
ORIGINAL		<10	6	<10	65	
DUP		<10	7	<10	50	
	Target Range - Lower Bound	<10	5	<10	53	
	Upper Bound	20	8	20	62	
ORIGINAL						
DUP						
	Target Range - Lower Bound					
	Upper Bound					
ORIGINAL						61.1
DUP						64.2
	Target Range - Lower Bound					59.5
	Upper Bound					65.8

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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
		PREP DUPLICATES														
D1236951		<0.005	<0.5	7.09	<5	30	<0.5	<2	7.42	0.5	51	230	70	8.27	20	0.17
D1236951 PREP DUP		<0.005	<0.5	7.59	<5	40	<0.5	3	7.70	0.5	52	250	72	8.49	20	0.18
D1237003		<0.005	<0.5	7.56	<5	200	0.5	<2	5.18	<0.5	26	57	58	6.90	20	0.43
D1237003 PREP DUP		<0.005	<0.5	7.67	<5	200	0.5	<2	5.34	<0.5	25	54	61	6.82	20	0.43
D1237056		<0.005	<0.5	7.47	<5	200	0.5	<2	5.42	0.5	41	108	61	8.10	20	0.69
D1237056 PREP DUP		<0.005	<0.5	7.64	<5	200	0.5	3	5.46	<0.5	39	112	61	8.06	20	0.71

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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
		PREP DUPLICATES														
D1236951		<10	4.83	1370	<1	1.39	216	260	<2	0.10	<5	22	141	<20	0.47	<10
D1236951 PREP DUP		<10	5.04	1470	1	1.45	215	280	3	0.11	<5	27	144	<20	0.51	10
D1237003		10	2.19	1430	1	2.35	69	670	3	0.22	<5	18	145	<20	0.40	<10
D1237003 PREP DUP		10	2.19	1460	1	2.38	66	650	3	0.22	<5	19	146	<20	0.40	<10
D1237056		<10	3.25	1555	1	1.92	99	800	<2	0.12	<5	26	245	<20	0.70	<10
D1237056 PREP DUP		<10	3.26	1565	1	1.93	100	790	4	0.11	<5	27	248	<20	0.70	<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
		PREP DUPLICATES				
D1236951		<10	208	<10	86	
D1236951 PREP DUP		<10	216	<10	86	
D1237003		<10	130	<10	87	
D1237003 PREP DUP		<10	129	<10	88	
D1237056		<10	234	<10	99	
D1237056 PREP DUP		<10	233	<10	99	

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QC CERTIFICATE OF ANALYSIS SD16077315

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.

Applies to Method: ALL METHODS

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