ALS Canada Ltd.

2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 22-AUG-2021
This copy reported on
23-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE SD21200256

This report is for 2 samples of Rock submitted to our lab in Sudbury, ON, Canada on 2-AUG-2021.

The following have access to data associated with this certificate:

JEAN PAUL VIENNEAU		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61r	4A multi-element ICP-MS + REE	
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

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:
Saa Traxler, General Manager, North Vancouver

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ESPANOLA ON P5E 1L9

Finalized Date: 22-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21200256

Sample Description / Method / Analyte / Units / LOD	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-MS61r Ag ppm 0.01	ME-MS61r Al % 0.01	ME-MS61r As ppm 0.2	ME-MS61r Ba ppm 10	ME-MS61r Be ppm 0.05	ME-MS61r Bi ppm 0.01	ME-MS61r Ca % 0.01	ME-MS61r Cd ppm 0.02	ME-MS61r Ce ppm 0.01	ME-MS61r Co ppm 0.1	ME-MS61r Cr ppm 1	ME-MS61r Cs ppm 0.05
STANDARDS															
EMOG-17				67.3	4.61	541	270	2.00	5.73	1.93	19.35	46.9	737	55	7.32
Target Range - Lower Bound				60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56
Upper Bound				74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12
KIP-19	2.49	<0.005	0.001												
Target Range - Lower Bound	2.28	<0.005	<0.001												
Upper Bound	2.58	0.010	0.002												
OREAS 252b	0.827	<0.005	0.001												
Target Range - Lower Bound	0.786														
Upper Bound	0.888														
OREAS 920				0.11	7.31	4.6	530	2.58	0.71	0.48	0.06	92.6	14.5	96	8.50
Target Range - Lower Bound				<0.01	6.91	4.4	450	2.54	0.61	0.44	<0.02	84.6	13.9	70	7.72
Upper Bound				0.02	8.47	5.8	640	3.22	0.77	0.56	0.04	103.5	17.3	88	9.54
OREAS-45d				0.16	8.19	13.4	180	0.75	0.33	0.20	0.03	39.0	27.8	547	3.95
Target Range - Lower Bound				0.17	7.33	12.2	140	0.65	0.27	0.16	<0.02	33.5	26.5	493	3.47
Upper Bound				0.23	8.98	15.4	220	0.93	0.35	0.21	0.09	40.9	32.6	605	4.35
OREAS-45h	0.042	0.089	0.132												
Target Range - Lower Bound	0.038	0.076	0.119												
Upper Bound	0.044	0.098	0.137												
PK03	5.25	4.53	6.26												
Target Range - Lower Bound	4.73	4.03	5.67												
Upper Bound	5.34	4.55	6.39												
SY-4				0.04	6.84	0.9	330	2.93	0.01	5.45	0.08	56.3	2.4	7	1.35
Target Range - Lower Bound				<0.01	853	<0.2	280	2.29	<0.01	4.88	<0.02	59.9	2.4	5	1.30
Upper Bound				0.02	50.0	0.5	400	2.91	0.03	5.98	0.09	73.2	3.2	10	1.70
BLANKS															
BLANK				<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05
Target Range - Lower Bound				<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
Upper Bound				0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10
BLANK	<0.001	<0.005	0.001												
Target Range - Lower Bound	<0.001	<0.005	<0.001												
Upper Bound	0.002	0.010	0.002												

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525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 22-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21200256

Sample Description / Method / Analyte / Units / LOD	ME-MS61r Cu ppm 0.2	ME-MS61r Fe % 0.01	ME-MS61r Ga ppm 0.05	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01	ME-MS61r Nb ppm 0.1	ME-MS61r Ni ppm 0.2
STANDARDS															
EMOG-17	8370	4.83	11.95	0.14	1.7	0.926	1.67	23.8	26.7	0.95	748	1060	1.09	14.0	7590
Target Range - Lower Bound	7750	4.42	10.75	0.06	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820
Upper Bound	8910	5.42	13.25	0.30	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330
KIP-19															
Target Range - Lower Bound															
Upper Bound															
OREAS 252b															
Target Range - Lower Bound															
Upper Bound															
OREAS 920	118.5	3.93	18.90	0.14	4.1	0.080	2.78	45.8	27.1	1.30	578	0.79	0.62	16.2	44.9
Target Range - Lower Bound	104.0	3.72	18.65	<0.05	4.0	0.070	2.59	41.0	26.0	1.23	<5	0.34	0.56	15.6	37.4
Upper Bound	120.0	4.56	22.9	0.10	5.2	0.098	3.19	51.2	32.2	1.53	10	0.58	0.71	19.2	46.2
OREAS-45d	402	14.50	20.4	0.09	3.9	0.094	0.42	18.7	21.0	0.23	492	2.31	0.10	13.9	236
Target Range - Lower Bound	345	13.05	19.05	0.08	3.3	0.081	0.36	14.7	19.2	0.21	436	2.20	0.08	13.0	208
Upper Bound	397	16.00	23.4	0.32	4.3	0.111	0.46	19.1	23.9	0.28	544	2.80	0.13	16.1	254
OREAS-45h															
Target Range - Lower Bound															
Upper Bound															
PK03															
Target Range - Lower Bound															
Upper Bound															
SY-4	8.8	3.95	36.7	0.14	1.2	0.041	1.27	22.5	39.0	0.17	803	0.60	5.08	13.2	8.7
Target Range - Lower Bound	6.3	3.53	31.7	<0.05	9.4	0.024	1.15	22.6	33.1	0.17	732	0.08	4.54	11.6	7.9
Upper Bound	7.7	4.33	38.8	0.26	11.8	0.048	1.42	28.7	40.9	0.23	906	0.30	5.58	14.4	10.1
BLANKS															
BLANK	<0.2	<0.01	0.05	0.06	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
Target Range - Lower Bound	<0.2	<0.01	<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
Upper Bound	0.4	0.02	0.10	0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4
BLANK															
Target Range - Lower Bound															
Upper Bound															

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To: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 22-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21200256

Sample Description	Method / Analyte / Units / LOD	ME-MS61r P ppm 10	ME-MS61r Pb ppm 0.5	ME-MS61r Rb ppm 0.1	ME-MS61r Re ppm 0.002	ME-MS61r S % 0.01	ME-MS61r Sb ppm 0.05	ME-MS61r Sc ppm 0.1	ME-MS61r Se ppm 1	ME-MS61r Sn ppm 0.2	ME-MS61r Sr ppm 0.2	ME-MS61r Ta ppm 0.05	ME-MS61r Te ppm 0.05	ME-MS61r Th ppm 0.01	ME-MS61r Ti % 0.005	ME-MS61r Tl ppm 0.02
STANDARDS																
EMOG-17		800	7080	112.5	0.313	3.15	776	7.8	6	2.3	198.5	0.89	1.23	10.95	0.321	2.12
Target Range - Lower Bound		700	6570	98.9	0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89
Upper Bound		880	8030	121.0	0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61
KIP-19																
Target Range - Lower Bound																
Upper Bound																
OREAS 252b																
Target Range - Lower Bound																
Upper Bound																
OREAS 920		700	22.2	172.0	<0.002	0.03	1.31	13.6	1	4.4	79.3	1.19	<0.05	19.30	0.456	0.84
Target Range - Lower Bound		<10	20.7	158.5	<0.002	<0.01	1.22	12.8	<1	4.3	73.6	1.08	<0.05	17.35	0.434	0.76
Upper Bound		20	26.4	193.5	0.004	0.05	1.76	15.8	2	5.7	90.4	1.43	0.10	21.2	0.542	1.08
OREAS-45d		420	18.8	43.6	<0.002	0.05	0.82	49.9	3	2.4	33.2	0.99	0.12	15.45	0.773	0.24
Target Range - Lower Bound		370	19.1	37.8	<0.002	0.03	0.64	44.3	<1	2.2	28.0	0.87	<0.05	13.50	0.691	0.20
Upper Bound		470	24.5	46.4	0.007	0.07	1.00	54.3	5	3.2	34.6	1.17	0.23	16.50	0.855	0.34
OREAS-45h																
Target Range - Lower Bound																
Upper Bound																
PK03																
Target Range - Lower Bound																
Upper Bound																
SY-4		460	10.3	27.0	<0.002	0.02	0.32	0.7	1	6.8	1165	0.72	<0.05	0.49	0.155	0.26
Target Range - Lower Bound		<10	8.5	24.5	<0.002	<0.01	<0.05	0.5	<1	6.4	1070	0.76	<0.05	0.71	0.139	0.17
Upper Bound		20	11.5	30.1	0.006	0.03	0.12	0.9	5	8.3	1310	1.05	0.12	0.89	0.181	0.30
BLANKS																
BLANK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02
Target Range - Lower Bound		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02
Upper Bound		20	1.0	0.2	0.004	0.02	0.10	0.2	5	0.4	0.4	0.10	0.10	0.02	0.010	0.04
BLANK																
Target Range - Lower Bound																
Upper Bound																

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ESPANOLA ON P5E 1L9

Finalized Date: 22-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21200256

Sample Description / Method / Analyte / Units / LOD	ME-MS61r U ppm 0.1	ME-MS61r V ppm 1	ME-MS61r W ppm 0.1	ME-MS61r Y ppm 0.1	ME-MS61r Zn ppm 2	ME-MS61r Zr ppm 0.5	ME-MS61r Dy ppm 0.05	ME-MS61r Er ppm 0.03	ME-MS61r Eu ppm 0.03	ME-MS61r Gd ppm 0.05	ME-MS61r Ho ppm 0.01	ME-MS61r Lu ppm 0.01	ME-MS61r Nd ppm 0.1	ME-MS61r Pr ppm 0.03	ME-MS61r Sm ppm 0.03
STANDARDS															
EMOG-17	3.1	72	3.4	15.9	7400	59.4	2.85	1.64	0.86	3.26	0.59	0.23	20.3	5.23	3.72
Target Range - Lower Bound	2.8	67	3.3	14.3	6800	55.6	2.53	1.41	0.71	2.85	0.48	0.19	17.8	4.65	3.40
Upper Bound	3.7	84	4.7	17.7	8320	76.4	3.53	1.97	1.03	3.97	0.68	0.27	24.3	6.37	4.66
KIP-19															
Target Range - Lower Bound															
Upper Bound															
OREAS 252b															
Target Range - Lower Bound															
Upper Bound															
OREAS 920	3.4	92	2.7	31.4	116	143.0	5.66	3.21	1.35	6.16	1.19	0.47	40.9	11.20	7.43
Target Range - Lower Bound	3.3	86	2.5	29.8	102	128.0	5.42	3.11	1.25	5.87	1.06	0.42	34.2	9.24	6.63
Upper Bound	4.2	108	3.7	36.6	130	174.0	7.46	4.27	1.76	8.07	1.46	0.59	46.6	12.55	9.05
OREAS-45d	2.6	227	1.4	10.5	44	141.5	2.17	1.25	0.61	2.34	0.45	0.20	15.0	3.86	2.90
Target Range - Lower Bound	2.3	211	1.3	8.5	39	119.5	1.87	1.14	0.45	2.01	0.38	0.14	11.3	3.12	2.35
Upper Bound	3.0	260	2.0	10.6	52	162.5	2.65	1.62	0.69	2.83	0.54	0.22	15.5	4.29	3.25
OREAS-45h															
Target Range - Lower Bound															
Upper Bound															
PK03															
Target Range - Lower Bound															
Upper Bound															
SY-4	0.3	5	0.1	65.5	106	67.7	12.15	10.15	1.08	8.52	3.11	1.62	28.6	6.95	6.77
Target Range - Lower Bound	0.3	3	<0.1	68.8	82	59.1	11.80	9.52	1.05	8.10	2.84	1.39	28.2	6.89	6.85
Upper Bound	0.7	8	0.3	84.3	104	81.2	16.10	12.95	1.49	11.10	3.87	1.90	38.4	9.39	9.33
BLANKS															
BLANK	<0.1	<1	<0.1	<0.1	<2	<0.5	<0.05	<0.03	<0.03	<0.05	<0.01	<0.01	<0.1	<0.03	<0.03
Target Range - Lower Bound	<0.1	<1	<0.1	<0.1	<2	<0.5	<0.05	<0.03	<0.03	<0.05	<0.01	<0.01	<0.1	<0.03	<0.03
Upper Bound	0.2	2	0.2	0.2	4	1.0	0.10	0.06	0.06	0.10	0.02	0.02	0.2	0.06	0.06
BLANK															
Target Range - Lower Bound															
Upper Bound															

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525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 22-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21200256

Sample Description / Method / Analyte / Units / LOD	ME-MS61r Tb ppm 0.01	ME-MS61r Tm ppm 0.01	ME-MS61r Yb ppm 0.03
STANDARDS			
EMOG-17	0.52	0.24	1.49
Target Range - Lower Bound	0.41	0.19	1.30
Upper Bound	0.57	0.29	1.82
KIP-19			
Target Range - Lower Bound			
Upper Bound			
OREAS 252b			
Target Range - Lower Bound			
Upper Bound			
OREAS 920	0.99	0.48	2.98
Target Range - Lower Bound	0.89	0.45	2.80
Upper Bound	1.23	0.63	3.86
OREAS-45d	0.37	0.20	1.31
Target Range - Lower Bound	0.33	0.15	1.10
Upper Bound	0.47	0.23	1.56
OREAS-45h			
Target Range - Lower Bound			
Upper Bound			
PK03			
Target Range - Lower Bound			
Upper Bound			
SY-4	1.72	1.67	11.00
Target Range - Lower Bound	1.59	1.51	10.15
Upper Bound	2.18	2.07	13.80
BLANKS			
BLANK	<0.01	<0.01	<0.03
Target Range - Lower Bound	<0.01	<0.01	<0.03
Upper Bound	0.02	0.02	0.06
BLANK			
Target Range - Lower Bound			
Upper Bound			

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Finalized Date: 22-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21200256

Sample Description / Method / Analyte / Units / LOD	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-MS61r Ag ppm 0.01	ME-MS61r Al % 0.01	ME-MS61r As ppm 0.2	ME-MS61r Ba ppm 10	ME-MS61r Be ppm 0.05	ME-MS61r Bi ppm 0.01	ME-MS61r Ca % 0.01	ME-MS61r Cd ppm 0.02	ME-MS61r Ce ppm 0.01	ME-MS61r Co ppm 0.1	ME-MS61r Cr ppm 1	ME-MS61r Cs ppm 0.05
DUPLICATES															
ORIGINAL	0.003	0.009	0.020												
DUP	0.003	0.010	0.020												
Target Range - Lower Bound	0.002	<0.005	0.018												
Upper Bound	0.004	0.010	0.022												
ORIGINAL				0.03	7.54	0.4	40	0.18	0.02	6.44	0.06	7.47	47.8	163	0.12
DUP				0.04	8.36	0.6	50	0.19	0.01	6.73	0.06	8.19	52.0	166	0.14
Target Range - Lower Bound				0.02	7.54	0.3	30	0.13	<0.01	6.25	0.04	7.43	47.3	155	0.07
Upper Bound				0.05	8.36	0.7	60	0.24	0.02	6.92	0.08	8.23	52.5	174	0.19
ORIGINAL	0.122	0.094	1.055												
DUP	0.124	0.099	1.055												
Target Range - Lower Bound	0.116	0.087	1.000												
Upper Bound	0.130	0.106	1.110												
ORIGINAL	0.049	0.043	0.501												
DUP	0.052	0.035	0.495												
Target Range - Lower Bound	0.047	0.032	0.472												
Upper Bound	0.054	0.046	0.524												

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ESPANOLA ON P5E 1L9

Finalized Date: 22-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21200256

Sample Description / Method / Analyte / Units / LOD	ME-MS61r Cu ppm 0.2	ME-MS61r Fe % 0.01	ME-MS61r Ga ppm 0.05	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01	ME-MS61r Nb ppm 0.1	ME-MS61r Ni ppm 0.2
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	128.0	10.15	17.30	0.05	0.6	0.073	0.12	2.7	15.8	2.25	1500	0.24	2.50	2.4	105.5
DUP	131.0	10.65	18.35	0.09	0.7	0.075	0.15	3.1	17.6	2.40	1560	0.24	2.60	2.5	113.5
Target Range - Lower Bound	125.0	9.87	16.90	<0.05	0.5	0.065	0.12	2.3	15.7	2.20	1450	0.18	2.41	2.2	104.0
Upper Bound	134.0	10.95	18.75	0.10	0.8	0.083	0.15	3.5	17.7	2.45	1610	0.30	2.69	2.7	115.0
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															

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

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www.alsglobal.com/geochemistry

To: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 22-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21200256

Sample Description	Method / Analyte / Units / LOD	ME-MS61r P ppm 10	ME-MS61r Pb ppm 0.5	ME-MS61r Rb ppm 0.1	ME-MS61r Re ppm 0.002	ME-MS61r S % 0.01	ME-MS61r Sb ppm 0.05	ME-MS61r Sc ppm 0.1	ME-MS61r Se ppm 1	ME-MS61r Sn ppm 0.2	ME-MS61r Sr ppm 0.2	ME-MS61r Ta ppm 0.05	ME-MS61r Te ppm 0.05	ME-MS61r Th ppm 0.01	ME-MS61r Ti % 0.005	ME-MS61r Tl ppm 0.02
		DUPLICATES														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		330	0.5	1.0	<0.002	0.02	0.07	40.0	1	0.5	137.0	0.15	<0.05	0.23	0.607	0.02
DUP		350	0.7	2.5	<0.002	0.02	0.11	44.4	1	0.5	142.0	0.16	<0.05	0.26	0.634	0.02
Target Range - Lower Bound		310	<0.5	1.6	<0.002	<0.01	<0.05	40.0	<1	0.3	132.5	0.10	<0.05	0.22	0.584	<0.02
Upper Bound		370	1.0	1.9	0.004	0.03	0.10	44.4	2	0.7	146.5	0.21	0.10	0.27	0.657	0.04
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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

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Sample Description / Method / Analyte / Units / LOD	ME-MS61r U ppm 0.1	ME-MS61r V ppm 1	ME-MS61r W ppm 0.1	ME-MS61r Y ppm 0.1	ME-MS61r Zn ppm 2	ME-MS61r Zr ppm 0.5	ME-MS61r Dy ppm 0.05	ME-MS61r Er ppm 0.03	ME-MS61r Eu ppm 0.03	ME-MS61r Gd ppm 0.05	ME-MS61r Ho ppm 0.01	ME-MS61r Lu ppm 0.01	ME-MS61r Nd ppm 0.1	ME-MS61r Pr ppm 0.03	ME-MS61r Sm ppm 0.03
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	0.1	288	<0.1	17.4	113	16.5	3.09	1.91	0.75	2.62	0.70	0.27	6.2	1.14	1.97
DUP	0.1	299	<0.1	18.7	117	24.7	3.30	2.07	0.81	2.84	0.74	0.30	6.5	1.23	2.07
Target Range - Lower Bound	<0.1	278	<0.1	17.0	107	19.1	2.91	1.81	0.69	2.48	0.66	0.25	5.8	1.07	1.84
Upper Bound	0.2	309	0.2	19.1	123	22.1	3.48	2.17	0.87	2.98	0.78	0.32	6.9	1.30	2.20
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															

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Sample Description	Method Analyte Units LOD	ME-MS61r Tb ppm 0.01	ME-MS61r Tm ppm 0.01	ME-MS61r Yb ppm 0.03
		DUPLICATES		
ORIGINAL				
DUP				
Target Range - Lower Bound				
Upper Bound				
ORIGINAL		0.48	0.28	1.81
DUP		0.53	0.31	1.93
Target Range - Lower Bound		0.46	0.26	1.70
Upper Bound		0.55	0.33	2.04
ORIGINAL				
DUP				
Target Range - Lower Bound				
Upper Bound				
ORIGINAL				
DUP				
Target Range - Lower Bound				
Upper Bound				

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QC CERTIFICATE OF ANALYSIS SD21200256

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61r

LABORATORY ADDRESSES

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

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME-MS61r	PGM-ICP23