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: **BATTERY MINERAL RESOURCES LTD.**
SUITE 400 – 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 15-JUL-2018
Account: BMRPLLBW

QC CERTIFICATE SD18150164

Project: IRON MASK

This report is for 50 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 25-JUN-2018.

The following have access to data associated with this certificate:

SANDY DE LA MARE	PETER DOYLE	JON EDWARDS
MIKE HENDRICKSON	FRANK PLOEGER	IAN PRINGLE
MERCEDES RICH	CLYDE SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	ICP-AES
Ni-OG62	Ore Grade Ni - Four Acid	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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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Finalized Date: 15-JUL-2018
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Project: IRON MASK

QC CERTIFICATE OF ANALYSIS SD18150164

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
STANDARDS																
AMIS0160																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		4.48	7.49	32.9	1110	3.08	0.61	2.76	2.25	76.4	17.9	95	11.95	633	3.97	18.35
MRGeo08		4.28	7.08	33.4	1090	3.24	0.62	2.63	2.12	68.6	18.9	93	12.50	618	3.83	18.50
Target Range - Lower Bound		4.00	6.64	29.5	920	2.98	0.60	2.35	2.00	66.2	17.7	81	11.20	587	3.55	17.50
Upper Bound		4.92	8.14	36.5	1270	3.76	0.76	2.90	2.48	81.0	21.9	102	13.80	675	4.37	21.5
OGGeo08		20.0	6.92	124.5	620	2.60	9.88	2.33	20.2	74.2	95.6	88	10.85	8460	5.47	16.10
OGGeo08		19.85	7.02	121.0	800	2.97	10.90	2.28	19.50	72.7	98.4	88	10.80	8370	5.49	18.00
Target Range - Lower Bound		18.15	6.07	106.0	700	2.59	9.44	1.98	16.70	64.8	87.2	78	9.85	7800	4.81	16.05
Upper Bound		22.2	7.44	130.0	980	3.27	11.55	2.44	20.5	79.2	107.0	98	12.15	8980	5.91	19.75
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 604																
OREAS 604																
Target Range - Lower Bound																
Upper Bound																
OREAS 621																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		0.56	7.50	34.9	2790	2.90	5.29	0.62	0.36	95.8	13.7	20	6.77	1480	4.03	24.5
OREAS 905		0.55	7.43	34.0	2780	2.82	5.29	0.61	0.31	93.8	14.0	20	7.06	1485	3.99	26.3
Target Range - Lower Bound		0.46	6.67	31.0	2280	2.69	5.14	0.52	0.30	82.8	13.2	16	6.05	1425	3.66	22.5
Upper Bound		0.58	8.17	38.4	3110	3.39	6.30	0.66	0.42	101.0	16.4	22	7.51	1640	4.50	27.7
OREAS 920		0.09	7.73	5.6	560	2.55	0.66	0.51	0.05	99.2	14.5	87	8.62	117.0	4.07	19.75
OREAS 920		0.10	7.95	5.1	560	2.60	0.71	0.53	0.05	96.6	14.7	84	8.22	111.5	4.10	20.7
Target Range - Lower Bound		0.08	6.91	4.4	450	2.54	0.61	0.44	0.04	84.6	13.9	70	7.72	104.0	3.72	18.65
Upper Bound		0.13	8.47	5.8	640	3.22	0.77	0.56	0.12	103.5	17.3	88	9.54	120.0	4.56	22.9

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SUITE 400 – 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 15-JUL-2018
Account: BMRPLLBW

Project: IRON MASK

QC CERTIFICATE OF ANALYSIS SD18150164

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
STANDARDS																
AMIS0160																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.14	3.3	0.173	3.21	37.6	32.9	1.34	566	15.00	2.01	21.4	705	1060	1095	195.5
MRGeo08		0.17	3.0	0.174	3.11	31.7	33.1	1.27	545	14.25	1.96	20.3	684	1040	1070	179.0
Target Range - Lower Bound		<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622	930	971	173.5
Upper Bound		0.27	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760	1160	1185	212
OGGeo08		0.14	3.0	1.490	3.03	37.7	33.7	1.27	512	919	1.87	18.1	8880	870	7410	196.5
OGGeo08		0.13	3.2	1.505	3.00	33.0	32.1	1.26	522	917	1.88	16.7	8950	880	7560	169.5
Target Range - Lower Bound		0.25	2.5	1.320	2.59	31.0	29.7	1.11	447	841	1.62	15.4	8000	760	6520	164.5
Upper Bound		0.49	3.3	1.620	3.19	39.0	36.7	1.38	557	1030	2.00	19.0	9770	950	7970	201
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 604																
OREAS 604																
Target Range - Lower Bound																
Upper Bound																
OREAS 621																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		0.17	7.1	0.651	2.91	48.8	21.9	0.27	371	3.24	2.44	19.0	9.7	270	29.7	141.0
OREAS 905		0.17	6.3	0.633	2.91	46.0	20.4	0.26	374	2.97	2.41	17.8	8.8	280	28.1	137.5
Target Range - Lower Bound		<0.05	6.1	0.571	2.58	40.9	17.8	0.24	333	2.89	2.15	16.2	8.4		26.9	124.0
Upper Bound		0.27	7.6	0.709	3.18	51.1	22.2	0.31	418	3.65	2.65	20.0	10.7		33.9	152.0
OREAS 920		0.15	4.9	0.088	2.92	50.2	29.6	1.35	599	0.47	0.65	18.7	41.4	750	24.0	185.5
OREAS 920		0.13	4.6	0.084	2.93	45.4	27.0	1.35	616	0.42	0.65	16.3	39.4	770	23.5	163.5
Target Range - Lower Bound		0.06	4.0	0.070	2.59	41.0	26.0	1.23	535	0.34	0.56	15.6	37.4		20.7	158.5
Upper Bound		0.28	5.2	0.098	3.19	51.2	32.2	1.53	665	0.58	0.71	19.2	46.2		26.4	193.5

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VANCOUVER BC V6C 1A5

Finalized Date: 15-JUL-2018
Account: BMRPLLBW

Project: IRON MASK

QC CERTIFICATE OF ANALYSIS SD18150164

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
STANDARDS																
AMIS0160																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.011	0.31	4.30	11.2	1	4.0	311	1.40	<0.05	18.55	0.506	1.09	5.2	112	4.8
MRGeo08		0.013	0.31	4.23	11.1	1	3.7	303	1.43	<0.05	19.05	0.490	1.02	5.0	109	4.4
Target Range - Lower Bound		0.005	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.89	4.9	97	4.1
Upper Bound		0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.14	21.9	0.553	1.25	6.2	121	5.8
OGGeo08		1.415	2.88	25.0	9.5	10	14.6	258	1.24	0.18	17.15	0.410	1.74	4.8	90	4.6
OGGeo08		1.375	2.88	27.5	9.7	12	14.4	257	1.27	0.13	17.60	0.398	1.78	5.3	89	4.7
Target Range - Lower Bound		1.285	2.51	22.8	9.2	8	12.5	224	1.19	0.09	16.90	0.353	1.43	4.5	77	3.9
Upper Bound		1.575	3.09	31.0	11.4	14	15.7	274	1.57	0.31	20.7	0.443	1.98	5.8	97	5.4
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 604																
OREAS 604																
Target Range - Lower Bound																
Upper Bound																
OREAS 621																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		<0.002	0.07	1.97	4.6	3	4.0	159.0	1.27	0.07	13.55	0.120	0.76	4.7	10	2.8
OREAS 905		0.002	0.07	1.86	4.6	3	3.6	160.0	1.21	0.09	14.95	0.120	0.68	4.6	10	2.5
Target Range - Lower Bound		<0.002	0.04	1.61	4.3	<1	3.4	141.0	1.16	<0.05	13.15	0.105	0.59	4.4	8	2.3
Upper Bound		0.004	0.09	2.29	5.5	5	4.6	173.0	1.52	0.19	16.05	0.139	0.85	5.6	13	3.3
OREAS 920		<0.002	0.03	1.49	13.3	<1	5.3	85.5	1.34	<0.05	18.75	0.480	0.99	3.6	100	3.3
OREAS 920		<0.002	0.03	1.51	13.1	1	4.9	83.6	1.30	<0.05	18.15	0.475	0.98	3.8	98	3.1
Target Range - Lower Bound		<0.002	<0.01	1.22	12.8	<1	4.3	73.6	1.08	<0.05	17.35	0.434	0.76	3.3	86	2.5
Upper Bound		0.004	0.05	1.76	15.8	2	5.7	90.4	1.43	0.10	21.2	0.542	1.08	4.2	108	3.7

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Finalized Date: 15-JUL-2018
Account: BMRPLLBW

Project: IRON MASK

QC CERTIFICATE OF ANALYSIS SD18150164

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	As-OG62 As % 0.001	Co-OG62 Co % 0.0005	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS											
AMIS0160					<1	0.003	3.08	2.04	0.004	0.002	0.012
Target Range - Lower Bound					<1	<0.001	2.99	1.970	<0.001	<0.001	0.010
Upper Bound					2	0.004	3.21	2.11	0.005	0.004	0.014
CCU-1e					199	0.099	0.0301	22.4	0.003	0.689	3.01
Target Range - Lower Bound					197			22.1			2.91
Upper Bound					213			23.7			3.13
GBM903-13					24	0.030	0.0043	2.83	2.39	2.11	0.920
Target Range - Lower Bound					22	0.030	0.0041	2.79	2.35	2.07	0.901
Upper Bound					26	0.034	0.0059	3.00	2.52	2.23	0.968
MP-1b					51	2.29	<0.0005	3.19	<0.001	2.13	17.45
Target Range - Lower Bound					44	2.22	<0.0005	2.96	<0.001	2.02	16.10
Upper Bound					50	2.38	0.0014	3.18	0.002	2.17	17.25
MRGeo08		28.1	817	106.5							
MRGeo08		24.5	796	106.5							
Target Range - Lower Bound		23.8	722	92.2							
Upper Bound		29.3	886	126.0							
OGGeo08		25.3	7210	97.2							
OGGeo08		23.7	7170	104.0							
Target Range - Lower Bound		21.1	6500	78.6							
Upper Bound		26.0	7950	107.5							
OGGeo08					20	0.012	0.0098	0.846	0.884	0.728	0.743
Target Range - Lower Bound					18	0.010	0.0088	0.809	0.856	0.698	0.696
Upper Bound					22	0.014	0.0106	0.869	0.921	0.750	0.748
OREAS 604					471	0.085	0.0042	2.14	0.064	0.103	0.257
OREAS 604					478	0.090	0.0057	2.17	0.066	0.102	0.260
Target Range - Lower Bound					473						0.245
Upper Bound					509						0.265
OREAS 621					66	0.008	0.0030	0.352	0.003	1.320	5.07
Target Range - Lower Bound					66	0.006	0.0020	0.349	<0.001	1.310	5.04
Upper Bound					72	0.010	0.0039	0.377	0.005	1.410	5.40
OREAS 905		17.1	140	258							
OREAS 905		15.1	139	253							
Target Range - Lower Bound		14.0	122	214							
Upper Bound		17.4	154	290							
OREAS 920		35.8	120	165.0							
OREAS 920		34.7	122	169.5							
Target Range - Lower Bound		29.8	102	128.0							
Upper Bound		36.6	130	174.0							

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Project: IRON MASK

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Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
BLANKS																
BLANK		0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.07	0.2	<1	<0.05	2.6	<0.01	<0.05
BLANK		<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	0.1	<1	<0.05	<0.2	<0.01	<0.05
BLANK		<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
BLANK		0.02	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	0.6	<0.01	<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	<0.2	<0.01	<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	0.4	0.02	0.10
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL		1.10	5.68	5.0	370	0.78	0.08	0.06	0.67	24.4	10.9	461	1.89	9050	2.20	15.25
DUP		1.11	5.56	5.0	360	0.76	0.07	0.06	0.65	23.9	10.3	463	1.81	8840	2.15	14.60
Target Range - Lower Bound		1.04	5.33	4.6	330	0.68	0.06	0.05	0.61	22.9	10.0	438	1.71	8630	2.06	14.15
Upper Bound		1.17	5.91	5.5	400	0.86	0.09	0.07	0.71	25.4	11.2	486	1.99	9260	2.29	15.70
14337		0.18	3.65	16.5	90	2.09	0.46	23.6	0.20	72.2	7.7	27	4.40	29.2	4.14	9.93
DUP		0.22	3.81	17.7	90	2.23	0.48	24.3	0.22	74.1	8.0	27	4.36	27.5	4.31	10.70
Target Range - Lower Bound		0.18	3.53	16.0	70	2.00	0.44	22.7	0.18	69.5	7.4	25	4.11	27.2	4.00	9.75
Upper Bound		0.22	3.93	18.2	110	2.32	0.50	25.2	0.24	76.8	8.3	29	4.65	29.5	4.45	10.90
14338		3.63	2.98	17.3	50	2.52	6.83	28.3	3.35	127.0	10.3	19	1.14	35.0	3.04	8.81
DUP		3.52	2.96	18.2	50	2.56	6.81	28.0	3.37	130.5	10.1	18	1.16	38.0	3.02	8.64
Target Range - Lower Bound		3.39	2.81	16.7	40	2.36	6.47	26.7	3.17	122.5	9.6	17	1.04	35.0	2.87	8.24
Upper Bound		3.76	3.13	18.8	60	2.72	7.17	29.6	3.55	135.0	10.8	20	1.26	38.0	3.19	9.21
14361																
DUP																
Target Range - Lower Bound																
Upper Bound																
14373		0.05	8.58	2.7	20	0.39	1.29	11.15	0.09	45.0	24.2	4	0.08	94.2	10.40	42.6
DUP		0.05	8.69	7.3	20	0.35	1.39	11.15	0.12	44.3	26.5	3	0.08	90.7	10.35	40.2
Target Range - Lower Bound		0.04	8.19	4.6	<10	0.30	1.26	10.60	0.08	42.4	24.0	2	<0.05	89.0	9.85	39.3
Upper Bound		0.06	9.08	5.5	30	0.44	1.42	11.70	0.13	46.9	26.7	5	0.10	95.9	10.90	43.5

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To: **BATTERY MINERAL RESOURCES LTD.**
SUITE 400 – 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 15-JUL-2018
Account: BMRPLLBW

Project: IRON MASK

QC CERTIFICATE OF ANALYSIS SD18150164

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
BLANKS																
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	0.10	<0.01	<0.1	6.6	<10	<0.5	<0.1
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
BLANK		0.08	<0.1	0.008	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	0.8	0.1
Target Range - Lower Bound		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
Upper Bound		0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0	0.2
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL		0.12	<0.1	0.438	2.36	11.6	6.5	0.79	161	265	0.09	3.9	15.3	360	20.8	78.5
DUP		0.13	<0.1	0.417	2.31	11.2	6.6	0.78	152	265	0.09	3.7	14.1	360	20.3	76.1
Target Range - Lower Bound		0.07	<0.1	0.401	2.21	10.3	6.0	0.74	144	252	0.08	3.5	13.8	330	19.0	73.3
Upper Bound		0.18	0.2	0.454	2.46	12.5	7.1	0.83	169	278	0.10	4.1	15.6	390	22.1	81.3
14337		0.11	2.3	0.198	0.75	43.8	9.1	3.33	5640	0.27	0.03	6.2	19.5	220	13.3	90.0
DUP		0.07	2.7	0.199	0.78	47.5	10.2	3.42	5830	0.29	0.04	6.5	22.2	240	14.3	97.2
Target Range - Lower Bound		<0.05	2.3	0.184	0.72	42.9	9.0	3.20	5440	0.22	0.02	5.9	19.6	210	12.6	88.8
Upper Bound		0.10	2.7	0.213	0.81	48.4	10.3	3.55	6030	0.34	0.05	6.8	22.1	250	15.0	98.4
14338		0.10	2.1	0.106	0.25	67.9	5.2	2.51	7660	0.13	0.02	5.3	20.9	180	276	26.9
DUP		0.10	2.1	0.109	0.24	69.0	5.1	2.49	7730	0.13	0.02	5.2	21.2	180	259	26.9
Target Range - Lower Bound		<0.05	1.9	0.097	0.22	64.5	4.7	2.37	7310	0.07	<0.01	4.9	19.8	160	254	25.5
Upper Bound		0.16	2.3	0.118	0.27	72.4	5.6	2.64	8080	0.19	0.03	5.6	22.3	200	281	28.3
14361																
DUP																
Target Range - Lower Bound																
Upper Bound																
14373		0.10	1.4	0.178	0.14	24.5	5.2	1.30	1140	0.72	0.81	2.6	13.9	290	4.2	1.5
DUP		0.09	1.4	0.173	0.14	24.2	5.7	1.31	1110	0.76	0.80	2.6	13.8	300	4.4	1.4
Target Range - Lower Bound		<0.05	1.2	0.162	0.12	22.6	5.0	1.23	1065	0.65	0.75	2.4	13.0	270	3.6	1.3
Upper Bound		0.10	1.6	0.189	0.16	26.1	5.9	1.38	1185	0.83	0.86	2.8	14.7	320	5.0	1.6

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

ALS Canada Ltd.

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SUITE 400 – 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 15-JUL-2018
Account: BMRPLLBW

Project: IRON MASK

QC CERTIFICATE OF ANALYSIS SD18150164

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
BLANKS																
BLANK		<0.002	<0.01	0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	0.01	<0.005	<0.02	<0.1	<1	<0.1
BLANK		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
BLANK		<0.002	<0.01	<0.05	<0.1	1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
BLANK		<0.002	<0.01	0.08	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Target Range - Lower Bound		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Upper Bound		0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2	0.2
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL		2.11	0.96	0.87	8.9	4	12.1	221	0.21	0.08	2.20	0.229	0.64	0.3	83	1.8
DUP		2.08	0.95	0.84	8.5	4	11.6	218	0.21	0.07	2.12	0.224	0.62	0.3	80	1.7
Target Range - Lower Bound		1.990	0.90	0.74	8.2	3	11.1	208	0.15	<0.05	2.04	0.210	0.56	0.2	76	1.5
Upper Bound		2.20	1.01	0.97	9.2	5	12.6	231	0.27	0.10	2.28	0.243	0.70	0.4	87	2.0
14337		<0.002	0.10	0.72	5.3	1	1.6	199.5	0.47	<0.05	8.33	0.137	1.82	3.5	36	0.2
DUP		<0.002	0.11	0.75	5.8	1	1.7	208	0.49	<0.05	7.50	0.144	2.07	3.5	37	0.2
Target Range - Lower Bound		<0.002	0.09	0.63	5.2	<1	1.4	193.5	0.41	<0.05	7.51	0.128	1.78	3.2	34	<0.1
Upper Bound		0.004	0.12	0.84	5.9	2	1.9	214	0.55	0.10	8.32	0.153	2.11	3.8	39	0.3
14338		<0.002	0.07	0.41	4.8	1	1.3	168.5	0.39	0.06	5.95	0.113	0.58	3.1	29	0.2
DUP		0.002	0.07	0.41	4.7	1	1.3	168.5	0.41	0.12	6.27	0.112	0.60	3.2	28	0.2
Target Range - Lower Bound		<0.002	0.06	0.33	4.4	<1	1.0	160.0	0.33	<0.05	5.79	0.102	0.53	2.9	26	<0.1
Upper Bound		0.004	0.08	0.49	5.1	2	1.6	177.0	0.47	0.10	6.43	0.123	0.65	3.4	31	0.3
14361																
DUP																
Target Range - Lower Bound																
Upper Bound																
14373		0.002	0.02	1.29	29.6	1	1.4	799	0.19	<0.05	1.89	0.714	0.02	1.2	888	0.6
DUP		0.002	0.02	1.26	30.9	1	1.3	793	0.19	<0.05	1.90	0.711	0.02	1.2	869	0.5
Target Range - Lower Bound		<0.002	<0.01	1.13	28.6	<1	1.1	756	0.13	<0.05	1.79	0.672	<0.02	1.0	834	0.4
Upper Bound		0.004	0.03	1.42	31.9	2	1.6	836	0.25	0.10	2.00	0.753	0.04	1.4	923	0.7

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Project: IRON MASK

QC CERTIFICATE OF ANALYSIS SD18150164

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	As-OG62	Co-OG62	Cu-OG62	Ni-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	As	Co	Cu	Ni	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOD	0.1	2	0.5	1	0.001	0.0005	0.001	0.001	0.001	0.001
BLANKS											
BLANK		<0.1	<2	<0.5							
BLANK		<0.1	<2	<0.5							
BLANK		<0.1	<2	<0.5							
BLANK		<0.1	<2	<0.5							
Target Range - Lower Bound		<0.1	<2	<0.5							
Upper Bound		0.2	4	1.0							
BLANK					<1	0.001	<0.0005	<0.001	<0.001	<0.001	<0.001
Target Range - Lower Bound					<1	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001
Upper Bound					2	0.002	0.0010	0.002	0.002	0.002	0.002
DUPLICATES											
ORIGINAL		3.9	180	0.9							
DUP		3.7	175	0.9							
Target Range - Lower Bound		3.5	167	<0.5							
Upper Bound		4.1	188	1.0							
14337		14.1	143	86.7							
DUP		15.8	146	90.3							
Target Range - Lower Bound		14.1	135	81.4							
Upper Bound		15.8	154	95.6							
14338		23.1	728	79.7							
DUP		23.0	717	77.4							
Target Range - Lower Bound		21.8	684	72.2							
Upper Bound		24.3	761	84.9							
14361								1.595	4.60		
DUP					4	0.001	0.0954	1.630	4.55	0.002	0.014
Target Range - Lower Bound					3	<0.001	0.0925	1.570	4.46	<0.001	0.013
Upper Bound					5	0.002	0.0983	1.655	4.69	0.003	0.015
14373		28.0	91	49.8							
DUP		27.6	91	49.8							
Target Range - Lower Bound		26.3	84	45.6							
Upper Bound		29.3	98	54.0							

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QC CERTIFICATE OF ANALYSIS SD18150164

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

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-31	PUL-QC	SPL-21	WEI-21

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

Applies to Method:

Cu-OG62	ME-MS61	ME-OG62	Ni-OG62