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.**
THE PACIFIC BUILDING
SUITE 400, 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 3-MAY-2019
This copy reported on
10-MAY-2019
Account: BMRPLLBW

QC CERTIFICATE SD19092998

Project: Iron Mask

This report is for 27 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 18-APR-2019.

The following have access to data associated with this certificate:

PETER DOYLE IAN PRINGLE	MIKE HENDRICKSON	FRANK PLOEGER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Ni-OG62	Ore Grade Ni - Four Acid	
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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VANCOUVER BC V6C 1A5

Finalized Date: 3-MAY-2019
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092998

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																
EMOG-17		67.6	4.80	602	160	1.84	6.22	2.00	21.4	48.7	772	61	7.84	8410	4.99	12.65
EMOG-17		69.8	4.79	616	240	1.98	5.40	2.03	22.0	48.7	766	58	7.19	8170	4.98	12.35
Target Range - Lower Bound		60.9	4.18	515	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750	4.42	10.75
Upper Bound		74.5	5.13	629	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910	5.42	13.25
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
OREAS 621																
Target Range - Lower Bound																
Upper Bound																
OREAS 920		0.07	7.72	5.7	540	2.61	0.67	0.51	0.09	94.9	15.4	83	8.93	110.5	4.01	20.0
OREAS 920		0.12	7.84	5.1	560	2.71	0.59	0.52	0.06	94.4	15.0	83	8.42	113.0	4.10	21.1
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
OREAS-76a																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
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	0.06
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																

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VANCOUVER BC V6C 1A5

Finalized Date: 3-MAY-2019
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092998

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																
EMOG-17		0.13	2.2	0.958	1.70	24.7	27.0	0.98	758	1110	1.12	15.4	7780	850	7440	116.5
EMOG-17		0.11	1.8	0.982	1.70	25.2	27.1	0.98	754	1105	1.11	14.4	7740	840	7440	117.5
Target Range - Lower Bound		0.07	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700	6570	98.9
Upper Bound		0.29	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880	8030	121.0
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
OREAS 621																
Target Range - Lower Bound																
Upper Bound																
OREAS 920		0.17	5.0	0.084	2.80	45.4	30.5	1.32	596	0.42	0.62	18.1	38.9	740	25.1	177.5
OREAS 920		0.18	4.5	0.090	2.90	45.5	29.8	1.35	594	0.35	0.64	19.1	41.2	760	25.6	181.5
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
OREAS-76a																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
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
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																

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Finalized Date: 3-MAY-2019
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092998

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																
EMOG-17		0.329	3.36	829	7.8	6	2.8	213	0.98	1.32	11.70	0.330	2.36	3.5	77	4.5
EMOG-17		0.343	3.36	828	7.9	8	2.6	212	0.85	1.40	10.65	0.338	2.34	2.9	76	4.0
Target Range - Lower Bound		0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89	2.8	67	3.3
Upper Bound		0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61	3.7	84	4.7
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
OREAS 621																
Target Range - Lower Bound																
Upper Bound																
OREAS 920		<0.002	0.03	1.61	12.8	<1	4.9	80.9	1.33	<0.05	19.00	0.459	0.95	3.7	98	3.4
OREAS 920		<0.002	0.03	1.44	13.8	1	4.8	82.6	1.22	<0.05	19.80	0.484	0.89	3.4	98	3.2
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
OREAS-76a																
Target Range - Lower Bound																
Upper Bound																
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
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																

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Finalized Date: 3-MAY-2019
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092998

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001
STANDARDS						
EMOG-17		16.8	7560	69.4		
EMOG-17		16.8	7620	68.3		
Target Range - Lower Bound		14.3	6800	55.6		
Upper Bound		17.7	8320	76.4		
GBM903-13					3.01	2.50
Target Range - Lower Bound					2.79	2.35
Upper Bound					3.00	2.52
OREAS 621					0.366	0.003
Target Range - Lower Bound					0.349	<0.001
Upper Bound					0.377	0.005
OREAS 920		33.6	118	163.0		
OREAS 920		34.7	116	167.5		
Target Range - Lower Bound		29.8	102	128.0		
Upper Bound		36.6	130	174.0		
OREAS-76a					0.296	7.17
Target Range - Lower Bound					0.274	7.03
Upper Bound					0.296	7.55
BLANKS						
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					<0.001	<0.001
Target Range - Lower Bound					<0.001	<0.001
Upper Bound					0.002	0.002

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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
DUPLICATES																
13038		0.04	1.04	0.6	<10	0.58	0.07	25.2	0.05	5.99	10.2	9	<0.05	40.3	3.90	3.51
DUP		0.02	1.02	0.8	<10	0.56	0.05	24.9	0.04	5.84	9.9	9	<0.05	44.5	3.80	3.43
Target Range - Lower Bound		0.02	0.97	0.5	<10	0.49	0.05	23.8	<0.02	5.61	9.4	8	<0.05	40.7	3.65	3.25
Upper Bound		0.04	1.09	0.9	20	0.65	0.07	26.3	0.07	6.22	10.7	10	0.10	44.1	4.05	3.69
13121		3.94	5.47	13.8	120	0.54	0.77	3.57	2.17	16.50	957	270	0.74	>10000	18.00	11.85
DUP		3.64	5.36	12.8	120	0.56	0.80	3.49	2.14	16.35	944	271	0.73	>10000	17.70	11.30
Target Range - Lower Bound		3.59	5.13	12.4	100	0.47	0.74	3.34	2.03	15.60	903	256	0.65	9650	16.95	10.95
Upper Bound		3.99	5.70	14.2	140	0.63	0.83	3.72	2.28	17.25	998	285	0.82	>10000	18.75	12.20
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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		DUPLICATES														
13038		<0.05	0.7	0.040	0.01	3.3	1.4	6.15	2820	0.35	0.02	1.6	7.7	80	3.3	0.2
DUP		<0.05	0.7	0.038	0.01	3.3	1.2	6.06	2800	0.30	0.02	1.6	8.1	80	3.3	0.3
Target Range - Lower Bound		<0.05	0.6	0.032	<0.01	2.6	1.0	5.79	2660	0.26	<0.01	1.4	7.3	70	2.6	<0.1
Upper Bound		0.10	0.8	0.046	0.02	4.0	1.6	6.42	2960	0.39	0.03	1.8	8.5	90	4.0	0.4
13121		0.27	1.3	0.127	0.32	6.4	9.9	4.01	989	4.34	1.19	4.9	>10000	470	12.4	10.3
DUP		0.29	1.2	0.118	0.32	6.3	9.3	3.95	971	4.28	1.17	4.7	>10000	460	12.2	10.1
Target Range - Lower Bound		0.22	1.1	0.111	0.29	5.5	8.9	3.77	926	4.04	1.11	4.5	9500	430	11.2	9.6
Upper Bound		0.34	1.4	0.134	0.35	7.2	10.3	4.19	1035	4.58	1.25	5.1	>10000	500	13.4	10.8
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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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
DUPLICATES																
13038		<0.002	0.09	0.08	1.9	1	<0.2	72.3	0.12	<0.05	1.89	0.041	<0.02	1.3	14	0.1
DUP		<0.002	0.09	0.10	1.8	1	<0.2	70.5	0.12	<0.05	1.81	0.041	<0.02	1.3	13	0.1
Target Range - Lower Bound		<0.002	0.08	<0.05	1.7	<1	<0.2	67.6	0.06	<0.05	1.75	0.034	<0.02	1.1	12	<0.1
Upper Bound		0.004	0.10	0.10	2.0	2	0.4	75.2	0.18	0.10	1.95	0.048	0.04	1.5	15	0.2
13121		0.055	8.41	4.18	8.8	23	2.3	186.0	0.27	4.47	0.95	0.540	0.16	0.3	80	2.2
DUP		0.050	8.24	2.94	8.1	23	2.4	182.0	0.28	4.42	1.08	0.527	0.17	0.4	78	2.4
Target Range - Lower Bound		0.048	7.90	3.24	7.9	21	2.0	174.5	0.21	4.17	0.95	0.502	0.13	0.2	74	2.0
Upper Bound		0.057	8.75	3.88	9.0	25	2.7	193.5	0.34	4.72	1.08	0.565	0.20	0.5	84	2.6
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092998

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001
		DUPLICATES				
13038		8.7	46	25.1		
DUP		8.5	44	22.7		
Target Range - Lower Bound		8.1	41	21.6		
Upper Bound		9.1	49	26.2		
13121		8.9	136	51.6		
DUP		8.6	137	50.7		
Target Range - Lower Bound		8.2	128	46.8		
Upper Bound		9.3	145	55.5		
ORIGINAL					1.615	4.65
DUP					1.620	4.59
Target Range - Lower Bound					1.575	4.50
Upper Bound					1.660	4.74

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Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092998

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