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 SD19092996

Project: Iron Mask

This report is for 49 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 SD19092996

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																
CD-1																
Target Range - Lower Bound																
Upper Bound																
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		66.7	4.72	614	220	1.78	5.85	1.99	20.3	43.9	759	57	7.71	8150	4.90	13.10
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
EMOG-17																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		4.26	7.01	33.0	1060	3.47	0.63	2.61	2.20	65.4	20.1	92	12.30	599	3.89	18.45
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
NCSDC70013																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		0.51	7.59	36.9	2850	3.32	5.35	0.64	0.34	100.0	15.1	20	6.81	1520	4.16	25.4
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		0.07	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		0.08	7.63	5.2	560	2.59	2.62	0.53	0.06	88.5	15.5	85	9.11	107.0	4.02	22.4
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 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-133a																
Target Range - Lower Bound																
Upper Bound																
OREAS-134b																
Target Range - Lower Bound																
Upper Bound																

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

Finalized Date: 3-MAY-2019
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092996

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																
CD-1																
Target Range - Lower Bound																
Upper Bound																
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		0.14	1.9	0.887	1.68	22.4	29.5	0.97	739	1085	1.10	14.7	7640	810	7440	110.5
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
EMOG-17																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.10	3.2	0.171	3.11	31.0	32.0	1.31	545	14.55	1.95	21.6	684	1040	1055	177.5
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
NCSDC70013																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		0.14	6.8	0.664	3.01	49.1	21.3	0.28	391	3.23	2.50	19.9	9.7	280	28.9	139.5
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		0.17	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		0.19	5.0	0.080	2.90	42.0	32.8	1.33	582	0.47	0.63	17.9	40.9	740	22.6	164.0
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 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-133a																
Target Range - Lower Bound																
Upper Bound																
OREAS-134b																
Target Range - Lower Bound																
Upper Bound																

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THE PACIFIC BUILDING
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VANCOUVER BC V6C 1A5

Finalized Date: 3-MAY-2019
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092996

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																
CD-1																
Target Range - Lower Bound																
Upper Bound																
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		0.331	3.31	813	8.0	6	2.6	211	0.93	1.23	11.10	0.331	2.32	3.4	75	3.9
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
EMOG-17																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.007	0.30	4.21	11.2	1	3.7	292	1.46	<0.05	18.10	0.483	1.03	4.8	108	4.6
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
NCSDC70013																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		<0.002	0.07	1.92	5.2	3	3.9	165.0	1.28	0.09	15.35	0.123	0.71	5.1	10	2.7
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	1.61	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	1.56	13.4	<1	5.0	88.2	1.37	<0.05	18.60	0.478	0.98	4.1	96	3.3
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 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-133a																
Target Range - Lower Bound																
Upper Bound																
OREAS-134b																
Target Range - Lower Bound																
Upper Bound																

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Finalized Date: 3-MAY-2019
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092996

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						
CD-1					0.006	0.005
Target Range - Lower Bound					0.008	
Upper Bound					0.012	
EMOG-17		16.8	7560	69.4		
EMOG-17		16.0	7540	63.3		
Target Range - Lower Bound		14.3	6800	55.6		
Upper Bound		17.7	8320	76.4		
EMOG-17					0.833	0.750
Target Range - Lower Bound					0.803	0.730
Upper Bound					0.863	0.785
MRGeo08		24.2	791	112.0		
Target Range - Lower Bound		23.8	722	92.2		
Upper Bound		29.3	886	126.0		
NCSDC70013					0.006	<0.001
Target Range - Lower Bound						
Upper Bound						
OREAS 905		16.6	142	263		
Target Range - Lower Bound		14.0	122	214		
Upper Bound		17.4	154	290		
OREAS 920		33.6	118	163.0		
OREAS 920		32.3	116	161.5		
Target Range - Lower Bound		29.8	102	128.0		
Upper Bound		36.6	130	174.0		
OREAS 932					5.94	0.003
Target Range - Lower Bound					5.91	
Upper Bound					6.35	
OREAS-133a					0.032	0.002
Target Range - Lower Bound					0.030	<0.001
Upper Bound					0.034	0.004
OREAS-134b					0.137	0.002
Target Range - Lower Bound					0.129	<0.001
Upper Bound					0.141	0.004

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QC CERTIFICATE OF ANALYSIS SD19092996

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	<0.01	<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	0.2	<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																
DUP																
Target Range - Lower Bound																
Upper Bound																
13002		0.06	5.58	2.8	70	1.12	0.48	8.42	0.05	52.9	48.5	8	0.49	173.0	10.15	18.90
DUP		0.06	5.60	4.8	70	1.03	0.46	8.56	0.05	50.9	48.4	7	0.47	171.0	10.25	17.95
Target Range - Lower Bound		0.05	5.30	3.4	50	0.97	0.44	8.06	0.03	49.3	45.9	6	0.41	166.0	9.68	17.45
Upper Bound		0.07	5.88	4.2	90	1.18	0.50	8.92	0.07	54.5	51.0	9	0.55	178.0	10.70	19.40
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
ORIGINAL		<0.01	3.16	3.0	230	3.07	0.11	21.2	0.05	31.4	4.4	15	35.3	10.0	1.20	8.45
DUP		0.03	3.04	2.8	220	3.06	0.11	20.3	0.06	30.9	4.3	15	35.3	9.8	1.16	8.01
Target Range - Lower Bound		<0.01	2.94	2.6	200	2.86	0.09	19.70	0.03	29.6	4.0	13	33.5	9.4	1.11	7.77
Upper Bound		0.03	3.27	3.2	250	3.27	0.13	21.8	0.08	32.7	4.7	17	37.1	10.4	1.25	8.69

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Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092996

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	<0.05	<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		<0.05	<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																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
13002		0.10	2.7	0.130	0.24	29.0	12.1	4.55	2030	1.07	1.48	5.4	23.6	530	5.4	8.6
DUP		0.09	2.5	0.132	0.24	28.2	11.3	4.59	2050	1.07	1.48	5.2	21.2	530	5.3	8.4
Target Range - Lower Bound		<0.05	2.4	0.119	0.22	26.7	10.9	4.33	1935	0.97	1.40	4.9	21.1	490	4.6	8.0
Upper Bound		0.10	2.8	0.143	0.26	30.5	12.5	4.81	2150	1.17	1.56	5.7	23.7	570	6.1	9.0
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
ORIGINAL		0.16	1.1	0.023	2.53	16.3	920	2.63	227	0.27	0.74	5.8	8.3	340	11.0	133.5
DUP		0.15	1.0	0.020	2.42	16.1	890	2.53	219	0.27	0.71	5.7	8.1	350	10.6	133.0
Target Range - Lower Bound		0.10	0.9	0.015	2.34	14.9	860	2.44	207	0.21	0.68	5.4	7.6	320	9.8	126.5
Upper Bound		0.21	1.2	0.028	2.61	17.5	950	2.72	239	0.33	0.77	6.1	8.8	370	11.8	140.0

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

ALS Canada Ltd.
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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
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092996

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
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																
DUP																
Target Range - Lower Bound																
Upper Bound																
13002		0.002	0.10	0.74	33.4	1	1.4	222	0.37	<0.05	3.54	0.883	0.10	1.5	336	0.8
DUP		0.003	0.09	0.72	31.9	1	1.4	222	0.35	<0.05	3.38	0.894	0.09	1.5	335	0.8
Target Range - Lower Bound		<0.002	0.08	0.63	30.9	<1	1.1	211	0.29	<0.05	3.28	0.839	0.07	1.3	318	0.6
Upper Bound		0.004	0.11	0.83	34.4	2	1.7	233	0.43	0.10	3.64	0.938	0.12	1.7	353	1.0
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
ORIGINAL		<0.002	<0.01	0.39	4.1	<1	1.2	836	0.38	<0.05	11.40	0.140	2.81	1.0	22	0.7
DUP		<0.002	<0.01	0.39	4.0	<1	1.2	804	0.37	<0.05	10.70	0.136	2.74	1.0	21	0.7
Target Range - Lower Bound		<0.002	<0.01	0.31	3.7	<1	0.9	779	0.31	<0.05	10.50	0.126	2.55	0.9	19	0.5
Upper Bound		0.004	0.02	0.47	4.4	2	1.5	861	0.44	0.10	11.60	0.150	3.00	1.2	24	0.9

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Finalized Date: 3-MAY-2019
Account: BMRPLLBW

Project: Iron Mask

QC CERTIFICATE OF ANALYSIS SD19092996

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
BLANKS						
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					<0.001	<0.001
Target Range - Lower Bound					<0.001	<0.001
Upper Bound					0.002	0.002
DUPLICATES						
ORIGINAL					1.330	
DUP					1.295	<0.001
Target Range - Lower Bound					1.280	<0.001
Upper Bound					1.345	0.002
13002		26.7	119	96.6		
DUP		24.8	120	92.3		
Target Range - Lower Bound		24.4	112	86.9		
Upper Bound		27.1	127	102.0		
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		
ORIGINAL		11.9	33	34.3		
DUP		11.4	32	33.0		
Target Range - Lower Bound		11.0	29	30.6		
Upper Bound		12.3	36	36.7		

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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