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: 30-APR-2019
Account: BMRPLLBW

CERTIFICATE SD19092997

Project: Iron Mask

This report is for 47 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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Finalized Date: 30-APR-2019
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Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19092997

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	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
13050		1.78	0.31	6.70	1.1	1500	3.73	0.12	2.14	0.22	80.9	9.9	82	7.88	191.5	4.26
13051		1.90	0.06	6.43	2.2	2790	2.73	0.18	0.88	0.08	81.6	26.4	72	13.65	98.5	5.06
13052		1.98	0.01	6.98	0.7	4430	2.86	0.07	0.99	0.02	81.1	15.7	70	13.45	7.6	4.22
13053		1.91	0.01	6.83	1.2	3280	2.51	0.14	1.33	0.03	82.5	14.8	78	10.55	5.6	4.18
13054		2.02	0.03	6.06	3.7	2200	2.89	0.18	3.18	0.18	73.3	16.4	72	4.92	6.1	4.21
13055		1.95	0.03	6.46	3.0	2840	2.81	0.15	2.46	0.15	74.9	17.2	73	7.06	11.1	4.32
13056		1.31	0.02	6.26	1.4	910	2.53	0.06	4.30	0.04	79.5	6.9	63	7.02	9.1	3.97
13057		1.89	0.04	6.14	1.4	910	2.95	0.05	3.86	0.05	69.2	7.8	72	4.25	4.8	4.61
13058		2.09	0.09	5.33	6.7	60	2.50	0.26	12.70	0.08	63.0	16.2	50	0.26	113.5	6.71
13059		1.94	0.02	4.96	1.9	330	1.48	0.18	10.55	0.02	68.6	20.5	49	5.91	15.3	15.15
13060		1.87	0.04	1.61	4.8	160	1.91	0.40	8.71	0.02	35.3	20.3	16	1.21	113.5	23.5
13061		1.32	0.03	0.99	2.5	10	0.30	0.34	29.7	0.05	7.13	7.6	9	0.07	88.0	3.68
13062		2.01	0.02	0.88	2.5	10	0.13	0.62	28.3	0.08	7.40	6.1	9	<0.05	24.4	3.40
13063		1.17	0.03	0.67	2.1	10	0.32	1.40	29.9	0.08	10.70	9.1	6	<0.05	60.8	2.23
13064		1.07	0.16	1.30	5.5	20	1.00	1.44	14.35	0.05	14.10	30.3	15	0.11	412	23.4
13065		2.00	0.05	0.53	2.1	50	0.19	0.34	28.2	0.07	14.85	3.2	4	<0.05	37.9	2.10
13066		2.02	0.05	0.65	2.2	20	0.34	0.72	26.7	0.07	9.74	14.5	7	<0.05	29.0	2.95
13067		1.57	0.01	0.73	6.8	10	1.98	0.11	7.23	<0.02	1.07	18.2	8	0.08	7.4	20.9
13068		1.32	0.06	0.94	3.5	10	1.79	0.85	6.00	0.02	3.77	18.4	10	0.09	69.9	31.3
13069		1.94	0.14	0.84	2.5	<10	0.56	0.10	26.7	0.14	12.35	5.2	7	<0.05	152.5	1.29
13070		2.02	0.02	1.21	3.8	<10	0.44	0.04	23.9	0.07	13.45	3.2	8	0.06	2.3	1.12
13071		1.87	0.02	0.99	4.6	10	0.43	0.04	23.1	0.11	12.75	2.7	6	0.08	3.4	1.25
13072		1.83	0.01	1.33	6.5	10	0.41	0.03	26.6	0.07	16.95	2.0	8	0.20	2.7	1.11
13073		2.00	0.08	1.43	7.5	10	0.54	0.22	21.8	0.09	14.25	3.4	9	0.16	3.8	2.39
13074		1.95	0.01	1.05	6.8	10	0.45	0.02	20.2	0.04	16.90	2.7	7	0.06	1.1	1.61
13075		0.50	<0.01	0.05	0.2	10	<0.05	0.02	32.6	<0.02	0.88	0.5	1	<0.05	1.2	0.09
13076		2.00	0.04	0.96	6.7	10	0.39	0.09	19.55	0.26	18.00	3.6	7	0.07	1.0	3.18
13077		2.15	0.06	0.98	10.2	10	0.43	0.15	19.60	0.09	16.35	5.3	8	0.07	1.5	3.88
13078		1.79	0.01	1.09	17.5	<10	0.28	0.02	18.85	0.29	14.25	4.9	7	<0.05	0.9	1.79
13079		0.82	0.02	0.80	93.4	<10	0.22	0.02	20.8	0.07	19.45	5.3	5	<0.05	1.1	2.39
13080		0.75	0.02	0.73	100.5	<10	0.26	0.02	20.2	0.14	18.80	5.5	5	<0.05	1.0	2.60
13081		0.07	3.68	5.04	13.4	110	0.55	0.83	3.16	1.95	15.90	884	247	0.68	>10000	16.70
13082		1.51	0.02	0.90	81.9	10	0.13	0.01	21.8	0.06	21.2	5.2	6	<0.05	7.0	1.85
13083		1.94	0.02	0.82	50.6	40	0.22	0.01	17.75	0.11	36.8	5.0	5	<0.05	1.7	1.92
13084		2.00	0.07	0.90	8.9	<10	0.37	0.03	17.95	0.35	52.5	5.0	5	<0.05	9.5	1.48
13085		2.00	0.13	6.54	20.4	90	0.95	0.73	9.65	0.11	22.2	39.5	40	0.71	70.1	7.87
13086		2.03	0.14	6.81	2.3	80	0.88	0.14	5.65	0.05	23.1	47.1	27	0.33	205	8.40
13087		1.87	0.08	5.74	3.6	150	1.15	0.22	6.73	0.06	36.6	38.9	3	1.23	146.0	9.64
13088		1.90	0.06	5.76	4.4	210	1.01	0.11	5.72	0.14	34.4	45.7	2	0.80	85.6	10.90
13089		2.13	0.08	6.06	4.9	210	1.10	0.21	5.74	0.18	32.2	46.2	3	0.86	127.0	9.95

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VANCOUVER BC V6C 1A5

Finalized Date: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19092997

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ga ppm 0.05	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
13050		18.25	0.13	5.6	0.105	2.02	40.4	33.3	2.10	689	2.25	3.26	13.3	36.5	590	29.3
13051		17.95	0.14	4.2	0.045	2.70	45.0	47.4	2.54	667	1.58	2.08	11.2	35.6	430	16.7
13052		20.0	0.15	4.9	0.020	2.71	42.5	45.0	2.12	574	1.25	2.61	13.5	37.9	470	7.4
13053		18.55	0.16	5.3	0.028	2.45	43.6	36.2	1.97	666	1.83	2.92	12.7	32.3	530	6.1
13054		14.80	0.14	4.9	0.066	1.78	38.5	27.4	2.18	806	2.28	2.83	10.5	30.2	520	30.6
13055		16.25	0.15	4.2	0.065	1.87	40.0	30.1	2.24	754	1.85	2.99	11.4	31.8	470	39.4
13056		14.70	0.15	4.0	0.060	1.19	41.4	26.5	2.18	844	2.08	3.45	11.2	28.3	440	18.2
13057		14.25	0.14	3.8	0.083	1.08	37.9	27.6	2.73	862	1.88	3.21	10.5	31.7	450	7.7
13058		12.55	0.14	3.4	0.297	0.08	22.3	5.0	3.37	2730	0.64	1.77	7.6	30.5	250	7.0
13059		14.65	0.19	3.5	0.502	0.73	14.6	29.8	5.90	2210	0.11	0.09	4.9	25.5	30	5.9
13060		9.35	0.17	1.1	0.523	0.19	13.3	7.4	5.74	1500	0.06	0.08	2.2	24.8	60	3.8
13061		3.02	0.05	0.7	0.115	0.01	3.3	1.6	4.03	2250	0.13	0.01	1.6	9.2	90	3.9
13062		2.41	0.05	0.6	0.053	<0.01	3.6	1.0	5.49	2320	0.13	0.01	1.5	6.6	70	6.4
13063		3.45	0.05	0.4	0.050	<0.01	5.1	0.9	3.92	2210	0.28	<0.01	1.1	9.6	60	5.4
13064		11.00	0.10	0.9	0.171	0.01	7.4	2.5	5.76	1760	0.17	0.02	1.9	57.1	100	4.3
13065		1.54	<0.05	0.4	0.058	0.01	8.0	1.2	6.30	2820	0.07	0.01	0.8	5.8	50	6.7
13066		2.07	0.05	0.5	0.056	<0.01	4.8	1.0	7.28	2740	0.05	0.01	1.0	28.5	60	7.8
13067		7.19	0.07	0.5	0.232	0.04	0.5	1.5	9.41	899	0.09	0.05	1.0	34.1	80	2.4
13068		10.60	0.17	0.7	0.169	0.03	2.3	1.7	6.99	844	0.15	0.03	1.4	31.1	90	2.3
13069		2.60	<0.05	0.6	0.065	<0.01	7.3	0.8	6.87	2640	0.19	<0.01	1.1	8.0	30	9.2
13070		3.41	0.05	0.9	0.052	<0.01	7.8	1.3	10.10	3270	<0.05	<0.01	1.8	7.3	50	6.1
13071		2.74	0.05	0.7	0.040	<0.01	7.5	1.3	10.25	3080	<0.05	<0.01	1.4	7.6	50	6.3
13072		3.48	0.05	0.9	0.033	0.01	10.0	1.4	7.74	2850	<0.05	<0.01	2.6	7.5	160	4.4
13073		3.62	0.05	0.9	0.037	<0.01	7.8	1.7	10.95	3210	<0.05	<0.01	2.4	10.8	110	15.6
13074		2.86	0.09	0.7	0.027	<0.01	9.1	2.0	10.65	3700	<0.05	0.01	1.4	5.5	60	3.1
13075		0.23	0.08	<0.1	0.005	<0.01	1.0	1.0	1.28	95	<0.05	0.02	0.1	<0.2	50	0.5
13076		2.64	0.09	0.6	0.028	<0.01	9.3	2.0	11.15	3870	<0.05	0.01	1.4	9.9	50	11.5
13077		2.73	0.07	0.6	0.030	<0.01	8.6	1.5	9.56	3380	<0.05	<0.01	1.5	9.6	50	26.5
13078		2.92	0.06	0.7	0.030	<0.01	8.6	1.1	11.90	4510	<0.05	<0.01	1.5	6.3	60	1.2
13079		2.35	0.05	0.5	0.021	<0.01	11.8	0.4	10.55	4860	0.05	<0.01	1.2	4.9	60	1.1
13080		2.14	0.06	0.5	0.021	<0.01	11.3	0.4	10.30	4770	0.05	<0.01	1.0	4.9	50	1.0
13081		10.85	0.22	1.1	0.112	0.28	7.3	8.5	3.64	905	4.40	1.09	4.4	>10000	430	12.6
13082		2.43	0.05	0.6	0.020	<0.01	13.3	0.3	9.34	4640	0.10	0.01	1.3	13.2	60	1.1
13083		2.39	0.06	0.5	0.021	<0.01	22.0	1.6	11.80	5040	<0.05	0.01	1.2	6.1	60	1.0
13084		2.61	0.06	0.6	0.023	<0.01	29.6	1.9	11.75	4590	<0.05	0.01	1.3	7.4	50	50.5
13085		15.05	0.06	1.2	0.086	0.24	10.5	10.6	4.81	1740	0.68	0.73	2.6	77.8	290	22.5
13086		17.95	0.07	2.0	0.086	0.27	10.8	13.6	3.55	1300	0.72	2.10	3.6	69.4	380	7.6
13087		20.4	0.09	3.1	0.141	0.52	16.6	10.8	1.80	1460	0.91	2.56	6.8	12.6	720	6.5
13088		19.50	0.10	3.2	0.171	0.63	15.8	10.6	2.14	1660	0.85	2.21	5.5	13.2	550	6.6
13089		19.70	0.09	3.0	0.120	0.58	14.7	10.5	2.10	1450	0.76	2.11	5.3	18.7	570	31.1

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Finalized Date: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19092997

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Rb ppm 0.1	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
13050		134.0	<0.002	0.12	0.17	10.4	<1	1.8	82.7	0.98	<0.05	14.85	0.281	0.86	5.1	60
13051		212	<0.002	0.28	0.13	10.4	1	2.3	77.8	0.80	<0.05	15.10	0.249	1.22	5.0	61
13052		176.5	<0.002	0.05	0.11	11.9	1	2.1	112.5	0.96	<0.05	14.15	0.272	1.12	5.8	68
13053		162.5	<0.002	0.10	0.18	10.6	<1	1.7	94.6	0.91	<0.05	14.00	0.272	0.94	4.9	61
13054		115.0	<0.002	0.11	0.36	9.5	1	2.1	107.0	0.78	<0.05	14.05	0.249	0.66	4.4	55
13055		120.0	<0.002	0.10	0.33	10.2	1	1.8	106.5	0.80	<0.05	13.60	0.249	0.67	4.0	59
13056		91.0	<0.002	0.02	0.20	9.8	<1	1.6	62.1	0.77	<0.05	17.30	0.242	0.49	14.7	58
13057		81.5	0.002	0.01	0.22	11.0	<1	1.8	74.9	0.72	<0.05	13.80	0.250	0.43	5.9	64
13058		4.5	<0.002	0.08	0.67	9.8	1	2.5	173.0	0.63	<0.05	11.05	0.222	0.08	5.5	47
13059		89.1	<0.002	0.03	0.38	9.4	1	4.7	83.5	0.58	<0.05	8.12	0.207	0.54	8.7	40
13060		19.1	<0.002	0.23	0.67	3.2	1	2.2	20.4	0.21	<0.05	2.05	0.069	0.13	2.0	18
13061		1.0	<0.002	0.21	0.16	2.0	1	0.4	126.0	0.12	<0.05	1.90	0.042	<0.02	1.8	11
13062		0.1	<0.002	0.29	0.12	1.8	1	0.2	106.0	0.11	<0.05	1.63	0.037	<0.02	1.2	9
13063		0.2	<0.002	0.28	0.13	1.4	1	<0.2	145.0	0.08	<0.05	1.28	0.028	<0.02	0.9	7
13064		0.5	<0.002	0.99	0.40	2.3	3	0.5	48.4	0.15	<0.05	2.64	0.053	0.03	1.6	13
13065		0.4	<0.002	0.11	0.09	1.0	1	0.2	99.6	0.06	<0.05	0.99	0.023	<0.02	1.2	6
13066		0.1	<0.002	0.42	0.19	1.3	2	0.2	86.0	0.09	<0.05	1.14	0.029	<0.02	0.9	7
13067		0.6	<0.002	0.17	0.42	1.6	1	0.7	6.1	0.09	<0.05	0.98	0.030	<0.02	0.4	15
13068		0.8	<0.002	0.32	0.34	1.6	2	0.5	8.5	0.12	<0.05	1.26	0.040	<0.02	0.7	12
13069		0.1	<0.002	0.15	0.14	1.6	1	0.3	76.0	0.10	<0.05	0.97	0.036	<0.02	0.6	9
13070		0.2	<0.002	0.05	0.16	2.3	1	0.4	63.3	0.15	<0.05	1.87	0.054	<0.02	0.8	13
13071		0.3	<0.002	0.02	0.18	2.1	1	0.4	63.0	0.12	<0.05	1.31	0.041	<0.02	0.7	11
13072		1.3	<0.002	<0.01	0.20	2.6	1	0.5	79.8	0.17	<0.05	3.02	0.058	<0.02	1.9	15
13073		0.9	<0.002	<0.01	0.34	2.6	1	0.5	59.0	0.18	<0.05	3.29	0.062	<0.02	1.6	15
13074		0.2	<0.002	0.01	0.25	2.0	1	0.4	47.4	0.13	<0.05	1.52	0.044	<0.02	0.8	10
13075		0.1	<0.002	<0.01	<0.05	0.2	1	<0.2	81.0	<0.05	<0.05	0.06	<0.005	<0.02	0.1	1
13076		0.1	<0.002	0.01	0.27	1.9	1	0.4	44.8	0.12	<0.05	1.43	0.039	<0.02	0.8	11
13077		0.2	<0.002	<0.01	0.31	2.0	1	0.4	55.6	0.12	<0.05	1.62	0.040	<0.02	1.0	11
13078		0.1	<0.002	0.01	0.35	2.1	<1	0.3	38.8	0.14	<0.05	1.53	0.045	<0.02	1.0	11
13079		<0.1	<0.002	0.01	2.43	1.6	1	0.3	42.0	0.10	<0.05	1.33	0.033	<0.02	1.4	7
13080		<0.1	<0.002	0.01	2.47	1.5	1	0.3	41.0	0.09	<0.05	1.05	0.030	<0.02	1.2	7
13081		10.7	0.039	8.11	2.75	8.4	21	2.3	168.5	0.29	4.12	0.94	0.484	0.16	0.3	71
13082		0.1	<0.002	0.01	3.44	1.8	1	0.3	41.8	0.11	<0.05	1.24	0.037	<0.02	1.0	9
13083		0.1	<0.002	0.10	0.64	1.7	1	0.3	42.2	0.10	<0.05	1.22	0.035	<0.02	0.9	9
13084		0.1	<0.002	0.14	0.16	1.9	1	0.2	31.8	0.11	<0.05	1.43	0.039	<0.02	0.8	11
13085		16.8	0.002	0.08	1.99	33.3	<1	1.0	306	0.18	<0.05	1.71	0.431	0.14	0.9	204
13086		14.5	0.002	0.20	0.73	36.1	1	1.0	178.0	0.25	<0.05	2.34	0.556	0.12	0.9	254
13087		29.4	0.002	0.10	0.32	31.8	1	1.5	174.5	0.48	<0.05	5.14	0.973	0.18	1.7	344
13088		26.4	0.002	0.06	0.45	39.0	1	1.4	210	0.39	<0.05	3.60	0.912	0.12	1.4	315
13089		25.7	0.003	0.15	0.37	39.0	1	1.2	215	0.38	<0.05	3.53	0.836	0.14	1.3	309

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North Vancouver BC V7H 0A7
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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: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19092997

Sample Description	Method / Analyte / Units / LOD	ME-MS61 W ppm 0.1	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	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
13050		1.0	20.5	101	203			70.9	92.3
13051		0.7	18.6	73	160.0				
13052		0.6	21.3	47	181.0				
13053		0.7	20.2	46	192.0				
13054		0.9	20.7	77	180.5				
13055		0.6	19.6	92	161.5				
13056		0.6	20.2	49	151.0				
13057		0.7	17.9	52	146.0				
13058		0.6	20.1	94	125.5				
13059		0.5	31.4	102	139.5				
13060		0.4	13.6	69	43.0				
13061		0.2	7.7	26	29.5				
13062		0.2	7.7	26	24.2				
13063		0.1	10.6	21	18.1				
13064		0.3	15.4	38	35.3			80.2	
13065		0.2	11.7	34	13.9				
13066		0.1	8.7	23	18.9				
13067		0.1	10.1	47	18.6				
13068		0.2	9.6	49	26.7				
13069		0.1	8.2	48	24.6				
13070		0.2	6.1	67	34.4				
13071		0.2	4.8	87	25.4				
13072		0.3	6.5	74	36.3				
13073		0.3	6.8	99	36.4				
13074		0.2	5.9	59	25.7				
13075		<0.1	1.8	3	1.1				
13076		0.3	6.6	135	25.5				
13077		0.2	6.7	76	25.9				
13078		0.2	5.7	172	27.3				
13079		2.0	6.5	221	21.9				
13080		1.4	6.4	299	19.8				
13081		2.1	9.3	129	45.6	1.685	4.78		
13082		1.4	5.5	154	22.5				
13083		0.1	11.0	147	22.1				
13084		0.2	8.7	136	22.1				
13085		0.4	16.5	132	40.4				
13086		0.5	20.7	84	73.8				
13087		0.5	28.4	75	116.5				
13088		0.8	28.2	115	117.0				
13089		0.5	27.5	118	116.0			75.0	86.5

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

Finalized Date: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19092997

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	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
13090		2.17	0.06	6.22	3.6	210	0.85	0.12	5.61	0.12	31.6	52.6	3	1.35	110.5	10.65
13091		2.10	0.08	6.37	2.6	210	0.83	0.12	6.20	0.10	29.2	51.9	4	1.68	179.0	11.05
13092		2.27	0.10	6.42	3.0	190	0.83	0.11	5.59	0.12	28.3	59.1	4	1.91	233	11.45
13093		2.24	0.09	6.94	2.5	220	0.74	0.09	5.63	0.10	25.3	58.6	6	2.02	190.5	11.90
13094		1.97	0.06	7.69	4.0	170	0.73	0.09	5.71	0.08	25.4	43.8	3	1.39	129.0	8.88
13095		2.17	0.07	7.44	3.6	180	0.79	0.09	5.69	0.10	28.7	47.6	4	1.50	137.5	9.07
13096		2.03	0.10	7.43	3.9	230	0.78	0.11	5.56	0.20	26.2	46.2	3	1.50	174.5	9.57

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Finalized Date: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19092997

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ga ppm 0.05	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
13090		21.6	0.09	2.6	0.111	0.62	14.7	12.6	2.22	1500	0.71	1.96	5.0	28.3	510	8.0
13091		21.3	0.09	2.5	0.104	0.65	13.7	11.0	2.10	1530	0.65	1.85	4.7	34.2	500	6.2
13092		21.2	0.10	2.7	0.087	0.72	13.1	12.7	2.29	1560	0.77	1.83	4.6	40.8	470	5.7
13093		22.9	0.08	2.3	0.078	0.75	12.1	11.2	2.13	1560	0.77	1.87	4.2	50.7	430	5.0
13094		22.1	0.08	2.2	0.074	0.60	12.0	12.8	1.85	1300	0.67	2.15	4.0	28.3	430	7.0
13095		22.2	0.09	2.4	0.080	0.63	12.8	13.4	2.04	1320	0.64	2.05	4.3	30.3	470	8.8
13096		21.5	0.08	2.2	0.077	0.75	12.4	13.7	2.21	1400	0.75	2.15	4.1	33.4	450	32.4

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Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19092997

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Rb ppm 0.1	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
13090		29.6	0.002	0.16	0.27	40.5	1	1.3	191.0	0.36	<0.05	3.38	0.772	0.20	1.2	345
13091		33.6	0.002	0.14	0.31	39.6	1	1.2	221	0.34	<0.05	3.09	0.947	0.24	1.0	557
13092		35.4	0.002	0.14	0.29	39.9	1	1.2	196.0	0.33	<0.05	3.07	0.872	0.26	1.0	542
13093		36.2	0.002	0.13	0.20	37.1	1	1.0	198.0	0.31	<0.05	2.82	1.030	0.28	0.9	682
13094		27.3	0.002	0.11	0.25	31.0	1	1.0	250	0.28	<0.05	2.60	0.633	0.20	0.8	270
13095		30.6	0.002	0.15	0.33	33.2	1	1.1	234	0.31	<0.05	2.96	0.659	0.20	0.9	270
13096		31.1	0.002	0.12	0.38	33.1	1	1.1	246	0.29	<0.05	2.77	0.648	0.22	0.9	275

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Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19092997

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	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	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
13090		0.5	26.4	113	100.0				
13091		0.5	24.6	112	91.0				
13092		0.5	23.5	132	98.9				
13093		0.5	21.4	125	85.8				
13094		0.4	19.8	91	80.6				
13095		0.4	22.3	87	87.2				
13096		0.5	21.6	133	83.6				

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CERTIFICATE OF ANALYSIS SD19092997

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