ALS Canada Ltd.

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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 SD19093000

Project: Iron Mask

This report is for 35 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: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19093000

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
12951		2.19	0.01	1.35	1.8	50	5.08	0.05	12.50	<0.02	8.45	21.3	14	0.96	5.4	12.40
12952		1.79	1.36	1.86	3.4	220	3.51	0.45	17.60	0.22	125.0	34.2	10	2.52	2280	10.60
12953		1.70	0.02	1.15	1.1	50	4.97	0.05	12.50	0.02	1.92	22.1	7	0.97	23.9	11.30
12954		1.97	0.02	1.46	1.9	80	5.01	0.07	10.45	0.02	47.1	23.4	12	1.93	16.7	11.90
12955		2.23	0.03	1.00	3.0	120	5.69	0.33	12.45	0.05	11.95	36.3	10	2.13	140.0	11.65
12956		2.16	0.03	1.41	5.8	90	6.99	0.24	8.46	0.02	165.5	41.8	9	2.33	88.5	13.60
12957		2.31	0.02	1.00	3.0	120	5.83	0.21	10.00	0.02	27.8	31.0	9	2.42	45.7	11.85
12958		2.26	0.16	0.95	1.4	60	2.52	0.18	12.35	0.03	16.30	24.3	12	1.30	455	9.74
12959		1.07	1.23	1.10	79.4	<10	2.53	0.50	10.15	0.24	11.70	99.8	13	<0.05	2170	10.65
12960		1.07	0.84	0.86	45.1	<10	2.43	0.44	10.45	0.14	7.94	69.2	12	<0.05	1380	9.90
12961		0.08	3.99	5.23	16.0	110	0.52	0.86	3.28	2.02	16.50	918	250	0.68	>10000	17.45
12962		2.04	0.22	1.33	8.3	<10	1.40	0.12	5.49	0.08	10.10	43.9	12	0.05	362	8.53
12963		2.38	0.65	1.19	5.8	<10	2.46	0.33	5.83	0.17	34.9	46.6	11	<0.05	1170	9.47
12964		2.49	0.49	0.87	34.9	<10	4.69	0.24	6.24	0.10	23.4	65.8	13	<0.05	813	13.05
12965		2.16	0.12	0.96	8.8	<10	2.15	0.16	15.70	0.05	82.1	38.4	10	<0.05	197.5	7.53
12966		2.32	0.28	1.21	8.9	30	1.53	0.17	16.65	0.08	68.9	33.9	13	0.89	508	11.05
12967		2.27	0.10	0.65	0.8	90	1.20	0.21	14.30	0.05	16.65	34.4	12	2.07	232	13.95
12968		2.31	0.04	0.51	1.0	30	0.69	0.10	12.15	0.04	9.71	19.1	13	0.80	55.7	16.10
12969		2.24	0.02	0.44	1.0	<10	0.59	0.06	8.56	0.03	0.82	21.5	13	<0.05	11.2	9.56
12970		2.27	0.13	0.65	1.3	10	1.55	0.10	12.20	0.04	41.7	16.0	9	0.10	171.5	13.95
12971		2.53	0.03	2.44	1.2	90	1.18	0.21	11.00	0.03	21.3	19.9	21	1.69	29.2	8.37
12972		2.26	0.05	6.96	2.6	380	0.94	0.33	5.91	0.03	22.0	35.4	52	8.43	63.6	8.78
12973		3.24	0.08	6.87	4.2	130	1.30	0.30	6.47	0.03	18.85	35.8	59	2.40	94.8	7.51
12974		1.30	0.03	7.00	1.2	70	1.20	0.05	0.58	0.04	282	4.0	16	0.66	17.6	1.70
12975		0.44	<0.01	0.06	<0.2	10	0.06	0.01	33.3	<0.02	1.13	0.5	2	<0.05	1.3	0.10
12976		1.30	0.03	5.60	8.1	30	1.79	0.08	4.82	<0.02	87.8	37.2	3	0.48	17.2	9.86
12977		1.14	0.15	7.53	1.0	50	0.84	0.06	2.51	0.06	292	22.2	8	0.69	183.5	4.96
12978		2.16	0.11	7.16	1.4	140	1.09	0.23	5.17	0.04	17.25	40.3	50	2.12	147.0	8.87
12979		1.99	0.07	6.61	0.8	120	1.02	0.14	4.63	0.03	19.60	36.2	45	2.17	79.5	8.11
12980		2.29	0.22	6.50	144.0	60	1.23	0.63	3.68	0.06	25.8	160.5	46	0.45	429	8.61
12981		2.21	0.10	6.80	2.6	170	0.63	0.16	6.72	0.04	19.45	45.5	45	2.04	164.0	7.89
12982		1.21	0.04	6.63	10.4	50	1.00	0.15	5.80	0.02	30.4	49.0	18	0.25	53.2	8.82
12983		2.17	0.08	6.43	6.6	160	0.88	0.18	6.20	0.13	32.9	47.9	5	0.77	139.0	9.68
12984		2.22	0.08	6.29	2.7	170	1.07	0.12	5.69	0.17	31.4	43.9	2	1.47	106.5	10.20
12985		1.97	0.13	6.86	3.5	220	0.92	0.16	6.22	0.09	29.3	53.7	4	1.96	207	11.80

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Finalized Date: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19093000

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
12951		14.05	0.06	0.8	0.646	0.11	4.0	4.0	5.99	1520	0.19	0.11	1.2	53.0	170	4.0
12952		15.70	0.14	0.5	1.545	0.26	64.0	5.6	3.94	1490	<0.05	0.07	1.3	34.8	210	3.0
12953		11.20	<0.05	0.6	0.559	0.11	1.0	3.4	5.97	1560	0.06	0.08	0.8	37.9	140	1.6
12954		14.00	0.08	1.0	0.560	0.20	24.1	5.3	6.41	1480	<0.05	0.07	1.5	35.4	140	1.7
12955		9.09	0.06	0.7	0.633	0.22	6.3	4.3	6.10	1680	0.07	0.08	1.3	54.6	110	3.4
12956		13.00	0.17	0.7	0.799	0.23	87.6	5.4	6.93	1560	0.08	0.10	0.9	37.5	150	5.0
12957		9.25	0.08	0.8	0.682	0.24	15.2	4.7	6.84	1620	0.07	0.09	1.0	34.7	140	3.1
12958		10.15	0.05	1.0	0.534	0.13	8.8	3.2	6.83	1640	0.07	0.04	1.4	37.5	180	2.4
12959		12.70	0.05	1.0	0.793	0.02	6.0	1.5	9.05	1320	0.08	0.03	1.7	73.9	150	4.4
12960		9.83	0.05	0.9	0.560	0.02	3.9	1.3	8.51	1280	0.05	0.03	1.6	59.1	140	3.1
12961		11.00	0.20	1.3	0.122	0.29	7.4	8.4	3.78	948	4.35	1.13	4.5	>10000	440	13.4
12962		14.05	0.05	0.8	0.268	0.01	4.3	4.5	12.30	954	0.05	0.03	1.3	74.0	140	3.1
12963		12.15	0.06	0.8	0.484	0.01	16.3	5.1	11.90	887	0.05	0.03	1.2	42.2	120	5.5
12964		11.05	0.07	0.8	0.353	0.01	11.8	3.3	11.50	907	0.21	0.03	1.5	52.9	110	2.7
12965		10.35	0.09	0.8	0.258	0.01	38.8	1.2	8.18	1480	0.13	0.02	1.0	28.4	150	3.9
12966		13.25	0.11	0.8	0.495	0.10	31.6	2.6	6.22	1610	0.13	0.04	1.4	34.8	200	4.5
12967		8.38	0.06	0.7	0.569	0.25	9.6	3.2	5.94	1520	0.27	0.07	1.6	52.0	140	3.1
12968		8.93	0.06	0.8	0.459	0.10	4.9	1.6	6.31	1310	0.06	0.05	1.5	27.7	130	1.9
12969		5.13	<0.05	0.9	0.375	0.01	<0.5	0.7	10.60	1140	0.11	0.04	0.4	29.8	180	1.1
12970		8.11	0.07	0.6	0.543	0.03	21.4	1.1	6.56	1240	0.14	0.06	1.2	29.5	30	2.2
12971		6.35	0.05	0.7	0.273	0.30	10.2	4.7	6.97	1230	0.20	0.73	1.2	31.4	170	1.9
12972		15.35	0.07	1.3	0.130	1.27	10.4	17.3	4.26	1030	0.44	2.12	2.9	81.2	300	3.3
12973		15.80	0.06	1.4	0.110	0.48	8.9	14.5	5.68	1170	0.45	2.01	3.0	88.5	300	4.0
12974		20.0	0.18	6.9	0.035	0.18	158.5	7.2	0.85	211	3.58	5.22	13.6	4.0	410	16.7
12975		0.22	0.08	<0.1	0.006	<0.01	1.2	1.1	1.52	76	0.12	0.03	0.1	0.8	40	<0.5
12976		23.1	0.11	4.5	0.144	0.14	41.5	26.2	7.34	1450	1.75	0.79	9.8	37.0	620	3.9
12977		20.1	0.20	6.7	0.139	0.18	152.0	15.0	3.31	702	0.67	4.11	8.4	23.5	290	8.6
12978		21.6	0.06	1.7	0.115	0.51	8.6	16.3	5.20	1190	0.48	1.97	3.1	90.1	310	3.1
12979		20.2	0.06	1.7	0.104	0.53	9.4	20.5	5.18	1110	3.33	1.84	3.0	79.5	300	3.0
12980		20.3	0.07	1.7	0.111	0.18	12.9	20.7	5.52	1080	3.48	1.73	2.9	198.0	320	4.7
12981		16.30	0.06	1.6	0.085	0.61	9.6	11.4	4.15	1360	0.49	1.75	2.8	87.7	330	5.2
12982		19.05	0.07	2.5	0.121	0.21	14.3	14.7	4.34	1320	1.47	2.27	4.2	52.6	430	2.8
12983		20.1	0.07	3.1	0.127	0.46	15.3	12.0	2.88	1520	1.05	2.17	5.3	25.5	550	13.9
12984		22.2	0.07	2.9	0.132	0.59	15.2	16.3	3.46	1460	1.08	1.93	5.1	35.8	510	31.3
12985		23.2	0.07	3.1	0.148	0.73	13.6	14.3	2.77	1580	1.08	2.11	5.5	40.2	500	7.0

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Finalized Date: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19093000

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
12951		11.0	<0.002	<0.01	0.50	3.5	<1	1.9	50.0	0.10	<0.05	1.57	0.047	0.08	10.7	112
12952		28.4	<0.002	0.49	0.37	2.2	1	1.9	107.5	0.11	<0.05	1.48	0.046	0.22	2.6	88
12953		11.4	<0.002	0.02	0.42	2.1	1	1.8	48.7	0.08	<0.05	0.76	0.036	0.08	2.3	89
12954		23.2	<0.002	0.02	0.54	2.5	1	2.1	35.4	0.18	<0.05	2.11	0.063	0.15	6.2	98
12955		25.2	<0.002	0.39	0.63	1.9	1	2.3	48.7	0.15	<0.05	1.33	0.051	0.20	4.2	103
12956		27.3	<0.002	0.24	0.84	2.0	1	3.1	19.5	0.10	<0.05	2.72	0.041	0.20	9.0	89
12957		28.2	<0.002	0.12	0.78	2.3	1	3.3	29.1	0.14	<0.05	1.87	0.042	0.20	7.8	76
12958		14.6	<0.002	0.12	0.42	2.6	1	2.0	45.5	0.16	<0.05	2.44	0.054	0.12	4.6	57
12959		0.3	<0.002	0.73	0.39	2.7	2	1.5	24.8	0.18	<0.05	2.27	0.057	0.04	3.2	54
12960		0.3	<0.002	0.56	0.28	2.5	2	1.3	26.0	0.17	<0.05	1.77	0.054	0.02	2.6	48
12961		10.8	0.044	8.34	2.64	8.5	21	2.3	176.0	0.29	4.16	0.95	0.501	0.17	0.3	74
12962		0.3	<0.002	0.07	0.17	2.6	<1	1.0	3.0	0.11	<0.05	1.99	0.047	<0.02	6.3	49
12963		0.3	<0.002	0.33	0.18	2.3	1	1.0	3.5	0.14	<0.05	1.96	0.043	<0.02	8.0	44
12964		0.2	<0.002	0.20	0.33	1.8	1	0.7	13.2	0.14	<0.05	1.88	0.049	<0.02	5.3	40
12965		0.2	<0.002	0.18	0.18	2.0	1	0.6	59.1	0.12	<0.05	2.92	0.046	<0.02	10.4	48
12966		11.4	<0.002	0.16	0.27	2.3	1	1.1	67.2	0.16	<0.05	1.96	0.053	0.07	10.6	65
12967		29.8	<0.002	0.37	0.40	2.2	1	1.5	48.1	0.17	<0.05	1.54	0.054	0.17	3.7	54
12968		10.2	<0.002	0.01	0.24	2.3	1	1.2	36.2	0.14	<0.05	1.26	0.060	0.06	3.6	56
12969		0.2	<0.002	0.01	0.24	2.5	<1	1.1	5.1	<0.05	<0.05	1.15	0.024	<0.02	2.1	49
12970		1.1	<0.002	0.05	0.63	2.0	1	1.0	33.9	0.17	<0.05	1.84	0.047	<0.02	2.6	68
12971		25.8	<0.002	0.01	0.39	12.4	1	0.8	74.5	0.11	<0.05	1.69	0.177	0.16	0.8	92
12972		120.5	<0.002	0.02	0.49	34.4	1	0.9	154.0	0.20	<0.05	1.70	0.471	0.71	0.9	226
12973		40.1	<0.002	0.06	0.56	34.8	1	0.9	139.0	0.20	<0.05	1.86	0.461	0.24	1.0	221
12974		12.2	<0.002	0.01	0.15	2.9	1	0.9	44.7	1.27	<0.05	90.3	0.212	0.08	13.1	19
12975		0.2	<0.002	<0.01	0.05	0.2	1	<0.2	81.1	<0.05	<0.05	0.16	0.005	<0.02	0.1	1
12976		8.0	<0.002	0.01	0.09	5.3	<1	1.3	28.2	0.82	<0.05	49.4	0.147	0.06	8.5	63
12977		7.3	<0.002	0.04	0.14	4.2	1	1.0	34.7	0.93	<0.05	66.3	0.170	0.09	9.4	50
12978		36.1	0.002	0.13	0.27	32.7	1	1.5	96.6	0.23	<0.05	2.25	0.538	0.23	1.3	247
12979		41.5	0.002	0.08	0.22	34.4	1	1.2	67.9	0.20	<0.05	1.78	0.490	0.24	3.0	233
12980		11.8	<0.002	0.67	0.37	34.0	4	1.3	76.5	0.20	0.12	1.75	0.474	0.09	2.5	227
12981		43.2	0.002	0.13	0.45	35.2	1	0.8	167.5	0.20	<0.05	1.78	0.483	0.27	0.9	232
12982		7.9	0.004	0.03	0.42	35.7	1	1.2	165.5	0.29	<0.05	2.63	0.710	0.07	1.5	303
12983		25.4	0.002	0.14	0.60	39.5	1	1.2	201	0.38	<0.05	3.52	0.875	0.20	1.3	372
12984		34.1	0.004	0.08	0.32	41.0	1	1.6	151.0	0.36	<0.05	3.39	0.984	0.18	1.5	539
12985		38.8	0.003	0.15	0.33	41.9	1	1.5	216	0.41	<0.05	3.13	1.175	0.24	1.2	675

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Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19093000

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
12951		0.1	14.2	44	31.1			79.7	91.0
12952		0.1	22.9	47	17.8				93.4
12953		0.1	11.1	41	20.4				
12954		0.2	14.5	44	37.0				
12955		0.1	13.5	44	23.8				
12956		0.2	18.3	49	26.2				
12957		0.1	17.1	45	29.5				
12958		0.1	18.8	37	37.7				
12959		0.2	17.7	52	36.7				
12960		0.1	15.6	44	33.3				
12961		2.2	9.3	133	49.2	1.560	4.45		
12962		0.2	18.4	47	29.8				91.8
12963		0.2	23.3	52	30.0				96.6
12964		0.2	36.5	46	30.2				
12965		0.2	26.4	33	29.3				
12966		0.2	26.6	42	30.5				
12967		0.1	16.5	43	30.7				
12968		0.1	13.5	38	33.0				
12969		<0.1	10.5	46	33.7				
12970		0.1	14.0	47	20.0				
12971		0.2	12.3	67	26.2				
12972		0.2	17.2	76	46.2				
12973		0.4	16.1	84	50.6				
12974		0.3	13.3	20	283				
12975		<0.1	1.8	3	1.4				
12976		0.1	29.7	123	190.5				
12977		0.2	18.4	67	260				
12978		0.4	20.8	100	77.9				
12979		0.4	23.2	102	65.1				
12980		0.4	18.7	110	63.3				
12981		0.3	19.2	89	59.0				
12982		0.5	22.3	88	86.5				
12983		0.6	26.9	110	111.5				
12984		0.7	27.9	145	108.5				
12985		0.6	25.8	111	109.0				

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

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Finalized Date: 30-APR-2019
Account: BMRPLLBW

Project: Iron Mask

CERTIFICATE OF ANALYSIS SD19093000

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