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: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

CERTIFICATE TB18310796

Project: EMB

P.O. No.: 198288

This report is for 63 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-DEC-2018.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS LDIM WEBTRIEVE	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

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-ICP06	Whole Rock Package - ICP-AES	ICP-AES
Se-MS46	Super Trace Se 25g AR by ICP-MS	ICP-MS
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES

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 *****

Comments: ***** ORIGINALLY FROM WO: TB18299768 MZI *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	OA-GRA05 LOI % 0.01	TOT-ICP06 Total % 0.01
W875637		17.60	0.06	0.11	27.9	20.9	0.01	0.01	<0.002	<0.01	0.04	0.01	0.02	0.03	32.1	98.79
W875638		84.4	5.47	3.18	0.05	0.44	0.05	0.65	0.014	0.32	0.18	0.10	<0.01	0.07	5.23	100.15
W875640		53.0	8.48	13.20	6.11	13.90	0.56	0.07	0.051	0.47	0.20	0.01	<0.01	<0.01	3.52	99.57
W875641		48.8	19.05	8.12	10.00	7.87	2.06	0.97	0.037	0.38	0.12	0.02	0.02	0.02	2.49	99.96
W875642		50.2	19.90	7.19	9.88	7.05	2.26	0.74	0.033	0.26	0.10	0.01	0.02	0.01	2.57	100.22
W875643		48.9	20.1	7.14	10.25	7.36	2.31	0.65	0.035	0.21	0.11	<0.01	0.02	0.01	2.45	99.55
W875645		49.0	20.4	7.82	11.05	8.17	1.96	0.27	0.038	0.21	0.11	0.01	0.02	0.01	2.37	101.44
W875646		50.1	20.3	7.34	10.70	7.71	2.04	0.41	0.036	0.19	0.10	<0.01	0.02	0.01	2.48	101.44
W875647		48.2	20.1	7.34	10.75	7.82	1.93	0.40	0.037	0.18	0.10	0.02	0.02	0.01	2.52	99.43
W875648		48.8	20.00	7.68	10.95	8.21	1.94	0.22	0.038	0.19	0.11	0.02	0.02	0.01	2.29	100.48
W875650		49.2	20.1	7.42	10.95	7.73	2.00	0.21	0.036	0.28	0.10	0.02	0.02	0.01	2.07	100.15
W875651		47.9	18.80	8.35	11.20	8.83	1.77	0.25	0.055	0.34	0.11	0.05	0.02	0.01	2.21	99.90
W875652		49.0	19.70	7.43	10.70	8.18	1.94	0.26	0.041	0.20	0.10	0.01	0.02	0.01	2.35	99.94
W875653		48.6	19.70	7.48	10.85	8.29	1.81	0.16	0.042	0.19	0.10	0.01	0.02	0.01	2.26	99.52
W875655		48.7	20.2	7.24	10.85	8.06	1.97	0.17	0.039	0.18	0.10	0.01	0.02	0.01	2.22	99.77
W875656		49.8	20.4	7.36	10.95	8.20	1.85	0.17	0.040	0.18	0.10	0.01	0.02	0.01	2.32	101.41
W875657		47.4	12.85	21.3	6.36	6.84	2.22	0.65	0.033	1.28	0.19	0.16	0.03	0.02	1.14	100.47
W875658		49.4	20.6	7.31	11.05	8.09	1.88	0.21	0.039	0.18	0.10	0.01	0.02	0.01	2.33	101.23
W875659		51.5	19.80	6.99	10.50	7.61	1.94	0.41	0.037	0.19	0.10	<0.01	0.02	0.01	2.76	101.87
W875661		49.8	20.6	7.34	11.35	8.12	1.88	0.23	0.040	0.21	0.10	0.02	0.02	0.01	2.16	101.88
W875662		49.4	20.6	7.32	11.25	7.97	1.82	0.23	0.040	0.22	0.10	0.02	0.02	0.01	2.30	101.30
W875663		49.4	20.5	7.30	11.30	7.97	1.84	0.18	0.040	0.23	0.10	0.01	0.02	0.01	2.15	101.05
W875664		49.1	20.5	7.28	11.00	7.95	1.86	0.22	0.042	0.23	0.11	<0.01	0.02	0.01	2.28	100.60
W875666		49.7	20.7	7.00	11.20	7.62	2.10	0.19	0.040	0.21	0.10	0.01	0.02	0.01	2.03	100.93
W875667		49.2	20.8	7.04	11.40	7.73	1.92	0.17	0.040	0.21	0.09	0.01	0.02	0.01	2.06	100.70
W875668		49.1	20.4	7.12	11.20	7.78	1.94	0.29	0.041	0.20	0.09	0.01	0.02	0.01	2.53	100.73
W875669		49.3	20.7	7.22	11.15	8.00	1.93	0.29	0.042	0.19	0.10	0.01	0.02	0.01	2.48	101.44
W875671		48.5	18.85	8.25	10.10	9.44	1.96	0.33	0.049	0.20	0.12	0.02	0.02	0.01	3.02	100.87
W875672		49.4	19.70	7.80	10.45	9.00	1.81	0.23	0.043	0.17	0.11	0.01	0.02	0.01	2.60	101.35
W875673		48.7	21.0	6.54	11.10	7.44	1.99	0.23	0.037	0.16	0.09	0.01	0.03	0.01	2.16	99.50
W875674		48.7	19.00	7.71	10.25	8.99	1.67	0.28	0.045	0.16	0.11	0.01	0.01	0.01	2.56	99.51
W875676		48.8	23.1	5.04	11.60	5.49	2.25	0.58	0.028	0.14	0.07	0.01	0.03	0.01	2.17	99.32
W875677		15.15	0.07	0.07	28.0	21.3	0.03	0.02	<0.002	<0.01	0.05	0.01	0.01	0.01	34.3	99.02
W875678		48.1	20.7	6.89	10.75	7.88	1.81	0.39	0.040	0.15	0.10	0.01	0.02	0.01	2.45	99.30
W875679		48.7	21.1	6.56	11.20	7.46	2.04	0.33	0.039	0.15	0.09	<0.01	0.02	0.01	2.09	99.79
W875680		49.4	20.5	6.93	10.70	7.75	2.06	0.64	0.040	0.20	0.10	0.01	0.02	0.02	2.31	100.68
W875682		49.9	11.25	11.95	8.12	14.40	1.23	0.17	0.058	0.29	0.18	0.02	<0.01	<0.01	3.59	101.16
W875683		49.7	19.40	7.88	9.99	9.23	1.90	0.64	0.047	0.17	0.11	0.01	0.02	0.02	2.80	101.92
W875684		48.9	17.50	8.60	9.33	10.20	2.13	0.65	0.052	0.18	0.13	<0.01	0.02	0.01	3.29	100.99
W875685		49.8	18.95	7.91	9.56	9.76	1.99	0.55	0.050	0.14	0.12	<0.01	0.02	0.01	2.95	101.81

Comments: ***** ORIGINALLY FROM WO: TB18299768 MZI *****

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556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Ge ppm 5	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1
W875637		8.49	<0.01	257	0.7	<10	0.12	0.05	<0.03	<0.03	0.2	0.06	<5	<0.2	0.01	0.4
W875638		3.88	0.01	627	219	100	1.08	1.45	0.88	0.50	7.6	1.40	<5	1.7	0.34	150.5
W875640		0.02	0.04	15.7	8.4	370	0.72	0.99	0.75	0.18	11.3	0.80	<5	0.7	0.24	4.3
W875641		0.02	0.02	156.5	4.8	270	2.63	0.80	0.49	0.23	16.3	0.72	<5	0.4	0.17	2.2
W875642		0.03	0.03	138.0	5.2	250	2.06	0.56	0.42	0.22	16.4	0.59	<5	0.5	0.13	2.8
W875643		0.02	0.01	112.0	3.6	230	1.59	0.50	0.33	0.20	14.4	0.45	<5	0.3	0.12	1.8
W875645		0.02	0.04	72.1	2.9	300	0.86	0.51	0.41	0.18	15.6	0.58	<5	0.3	0.11	1.5
W875646		0.01	0.03	90.9	2.9	290	0.97	0.57	0.33	0.25	16.0	0.33	<5	0.2	0.13	1.4
W875647		0.01	0.04	83.1	3.1	290	1.15	0.51	0.46	0.22	15.6	0.33	<5	0.3	0.11	1.4
W875648		0.01	0.03	74.1	3.1	310	0.74	0.63	0.39	0.24	14.8	0.42	<5	0.2	0.13	1.4
W875650		0.01	0.03	75.5	8.1	300	0.67	0.67	0.57	0.28	15.7	0.82	<5	0.4	0.18	3.9
W875651		0.02	0.03	65.9	7.3	440	0.66	1.04	0.75	0.34	14.9	1.29	<5	0.5	0.21	2.9
W875652		0.02	0.02	64.9	3.4	330	0.82	0.55	0.33	0.23	14.9	0.40	<5	0.2	0.12	1.7
W875653		0.01	0.02	58.0	3.2	330	0.61	0.57	0.40	0.24	15.4	0.52	<5	0.2	0.14	1.5
W875655		0.01	0.01	57.7	3.1	310	0.58	0.50	0.49	0.23	15.0	0.41	<5	0.2	0.13	1.5
W875656		0.01	0.02	61.4	3.0	310	0.65	0.54	0.26	0.19	15.2	0.35	<5	0.3	0.13	1.6
W875657		0.08	1.70	225	25.5	260	0.85	2.45	1.39	1.11	16.6	2.74	<5	2.6	0.52	11.8
W875658		0.01	0.02	64.8	3.0	310	0.76	0.44	0.33	0.25	15.0	0.46	<5	0.4	0.11	1.4
W875659		0.01	0.03	83.3	3.0	280	1.21	0.47	0.25	0.19	15.4	0.41	<5	0.2	0.11	1.4
W875661		0.01	0.02	64.1	3.5	310	0.72	0.59	0.35	0.25	14.0	0.42	<5	0.2	0.13	1.6
W875662		0.01	0.03	65.1	3.2	310	0.73	0.56	0.56	0.27	15.0	0.54	<5	0.3	0.14	1.7
W875663		0.03	0.04	61.3	3.3	310	0.62	0.66	0.39	0.23	14.7	0.62	<5	0.3	0.14	1.7
W875664		0.02	0.03	68.3	3.7	320	0.77	0.57	0.40	0.27	15.3	0.47	<5	0.3	0.15	1.7
W875666		0.02	0.02	56.0	4.3	300	0.70	0.66	0.45	0.18	14.4	0.61	<5	0.4	0.11	2.2
W875667		0.01	0.02	65.8	3.7	300	0.63	0.64	0.39	0.25	15.2	0.60	<5	0.4	0.14	1.7
W875668		0.02	0.03	75.2	3.3	300	0.98	0.54	0.26	0.20	14.5	0.37	<5	0.3	0.15	1.7
W875669		0.02	0.03	78.3	3.2	310	0.89	0.47	0.43	0.23	14.5	0.47	<5	0.3	0.14	1.5
W875671		0.02	0.05	95.0	3.7	370	1.11	0.58	0.51	0.19	14.6	0.44	<5	0.3	0.17	1.6
W875672		0.01	0.02	68.1	2.7	320	0.80	0.41	0.30	0.19	13.9	0.32	<5	0.3	0.12	1.3
W875673		0.02	0.01	76.6	2.8	280	0.70	0.45	0.35	0.15	15.5	0.36	<5	0.3	0.11	1.4
W875674		0.01	0.03	70.0	2.7	340	0.75	0.53	0.30	0.17	14.5	0.43	<5	0.2	0.09	1.3
W875676		0.02	0.02	122.0	3.3	210	1.52	0.30	0.38	0.16	16.2	0.44	<5	0.3	0.11	1.7
W875677		9.13	0.02	132.0	1.1	<10	0.17	<0.05	0.04	<0.03	0.1	<0.05	<5	<0.2	0.02	0.7
W875678		0.01	0.02	104.5	3.0	300	1.30	0.44	0.28	0.22	14.7	0.30	<5	0.2	0.08	1.5
W875679		0.02	0.02	106.5	3.0	290	1.13	0.46	0.35	0.18	15.0	0.36	<5	0.3	0.11	1.4
W875680		0.01	0.06	130.0	3.0	240	1.44	0.50	0.25	0.16	12.8	0.50	<5	0.5	0.07	1.4
W875682		0.01	0.05	39.6	3.1	420	0.74	0.89	0.55	0.18	11.1	0.60	<5	0.3	0.17	1.4
W875683		<0.01	0.04	147.5	2.5	340	2.23	0.50	0.35	0.19	14.3	0.48	<5	0.2	0.14	1.3
W875684		0.01	0.03	139.5	2.7	370	1.86	0.47	0.30	0.13	13.3	0.33	<5	0.2	0.14	1.3
W875685		0.01	0.01	131.0	1.9	350	2.53	0.51	0.42	0.16	12.6	0.27	<5	0.2	0.09	1.0

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CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1
W875637		0.01	<0.2	0.2	0.08	0.3	0.06	<1	159.0	0.1	0.01	0.05	0.01	0.35	<5	<1
W875638		0.18	5.6	51.6	18.50	22.6	3.57	3	55.0	0.5	0.26	5.93	0.15	7.72	81	3
W875640		0.12	1.6	3.3	0.96	1.9	0.80	1	31.2	0.3	0.15	2.37	0.11	0.82	279	<1
W875641		0.07	0.6	2.4	0.57	32.8	0.58	<1	201	0.2	0.13	0.21	0.07	0.14	212	<1
W875642		0.06	0.9	2.3	0.59	22.8	0.48	<1	210	0.2	0.09	0.57	0.05	0.14	163	<1
W875643		0.05	0.3	1.7	0.41	17.7	0.38	<1	190.5	0.2	0.07	0.30	0.05	0.11	140	<1
W875645		0.05	0.3	1.2	0.41	7.6	0.40	<1	205	0.2	0.10	0.12	0.05	<0.05	183	<1
W875646		0.08	0.3	1.6	0.35	12.7	0.30	<1	220	0.2	0.07	0.10	0.04	<0.05	170	<1
W875647		0.07	0.2	1.6	0.30	11.6	0.36	<1	205	0.2	0.08	0.09	0.05	<0.05	165	<1
W875648		0.06	0.2	1.6	0.37	6.3	0.41	<1	213	0.2	0.09	0.08	0.06	<0.05	173	1
W875650		0.10	0.9	3.9	0.94	5.3	0.76	<1	221	0.2	0.14	1.25	0.08	0.14	177	<1
W875651		0.11	1.0	4.2	1.02	5.8	0.95	<1	214	0.3	0.13	0.18	0.08	<0.05	188	<1
W875652		0.07	0.4	1.5	0.42	7.3	0.61	<1	212	0.2	0.10	0.23	0.08	0.61	157	<1
W875653		0.06	0.3	1.6	0.37	4.4	0.58	<1	208	0.2	0.06	0.15	0.05	0.08	158	1
W875655		0.06	0.3	1.8	0.38	4.5	0.39	<1	225	0.2	0.05	0.17	0.03	0.10	149	1
W875656		0.08	0.3	1.5	0.35	4.4	0.40	<1	213	0.2	0.08	0.16	0.05	<0.05	141	<1
W875657		0.21	7.1	14.0	3.12	16.4	3.25	4	261	0.6	0.45	1.49	0.21	0.46	132	3
W875658		0.06	0.2	1.6	0.39	5.6	0.49	<1	206	0.2	0.07	0.13	0.05	<0.05	146	<1
W875659		0.05	0.3	1.2	0.34	12.5	0.27	<1	200	0.1	0.08	0.12	0.05	0.06	140	1
W875661		0.06	0.3	1.7	0.39	6.8	0.41	<1	220	0.2	0.06	0.11	0.07	<0.05	154	1
W875662		0.07	0.3	1.8	0.40	6.1	0.30	<1	213	0.2	0.07	0.17	0.04	<0.05	157	<1
W875663		0.07	0.4	1.7	0.39	4.7	0.35	<1	214	0.2	0.10	0.14	0.06	0.05	160	<1
W875664		0.06	0.4	1.6	0.36	6.5	0.46	<1	218	0.2	0.10	0.09	0.05	<0.05	161	<1
W875666		0.04	0.5	1.9	0.56	4.6	0.52	<1	233	0.2	0.10	0.32	0.07	0.06	150	<1
W875667		0.08	0.3	2.0	0.49	4.6	0.40	<1	228	0.1	0.07	0.13	0.08	<0.05	146	<1
W875668		0.07	0.3	1.6	0.40	8.8	0.56	<1	218	0.2	0.07	0.09	0.05	<0.05	146	1
W875669		0.07	0.3	1.6	0.38	8.3	0.48	<1	223	0.2	0.09	0.08	0.05	<0.05	141	<1
W875671		0.05	0.4	1.8	0.54	10.5	0.58	<1	215	0.4	0.09	0.10	0.07	<0.05	156	1
W875672		0.06	0.2	1.3	0.35	6.3	0.35	<1	202	0.3	0.08	0.10	0.06	<0.05	142	<1
W875673		0.05	0.3	1.4	0.31	6.4	0.38	<1	231	0.2	0.07	0.18	0.06	0.05	124	<1
W875674		0.06	0.2	1.3	0.34	8.6	0.23	1	188.5	0.3	0.06	0.14	0.04	<0.05	140	1
W875676		0.06	0.3	1.6	0.40	18.0	0.32	<1	266	0.2	0.05	0.09	0.03	<0.05	102	1
W875677		0.01	<0.2	0.3	0.06	0.6	0.09	<1	139.5	0.2	<0.01	0.07	0.01	0.22	<5	<1
W875678		0.05	0.2	1.5	0.29	12.4	0.42	<1	216	0.2	0.08	0.12	0.05	<0.05	117	1
W875679		0.07	0.3	1.2	0.41	9.7	0.30	<1	237	0.2	0.07	0.14	0.07	0.05	118	1
W875680		0.05	0.3	1.4	0.32	15.7	0.40	<1	198.0	0.2	0.07	0.16	0.04	<0.05	115	1
W875682		0.12	0.3	2.0	0.41	4.4	0.65	1	81.2	0.2	0.09	0.16	0.09	<0.05	250	<1
W875683		0.08	<0.2	1.3	0.31	20.5	0.52	<1	217	0.3	0.08	0.06	0.06	<0.05	139	<1
W875684		0.05	0.2	1.1	0.32	19.9	0.40	<1	197.5	0.3	0.07	0.08	0.05	<0.05	152	<1
W875685		0.05	<0.2	0.9	0.22	16.9	0.30	<1	213	0.2	0.06	0.09	0.04	<0.05	129	<1

Comments: ***** ORIGINALLY FROM WO: TB18299768 MZI *****

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

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: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 Cd ppm 0.5	ME-4ACD81 Co ppm 1
W875637		0.3	<0.03	<2	0.2	0.01	0.008	<0.005	<0.001	<0.05	0.2	<0.01	<0.02	<0.5	<0.5	<1
W875638		10.5	1.06	70	5.6	13.80	0.060	0.104	0.003	0.40	2.7	0.42	0.04	0.7	<0.5	62
W875640		5.7	0.75	24	0.3	0.05	<0.005	0.006	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	0.6	79
W875641		4.3	0.52	14	0.1	0.03	<0.005	<0.005	<0.001	<0.05	0.2	0.04	0.02	<0.5	<0.5	43
W875642		3.4	0.40	18	0.1	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	<0.02	<0.5	0.5	40
W875643		3.0	0.35	9	0.1	0.04	<0.005	<0.005	<0.001	<0.05	<0.2	0.06	0.02	<0.5	<0.5	39
W875645		3.2	0.45	9	0.2	0.05	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	43
W875646		3.2	0.49	8	0.4	0.05	<0.005	<0.005	<0.001	<0.05	0.2	0.04	<0.02	<0.5	<0.5	45
W875647		3.0	0.30	7	0.6	0.03	<0.005	<0.005	<0.001	<0.05	0.2	0.02	<0.02	<0.5	<0.5	41
W875648		3.4	0.47	7	0.4	0.04	<0.005	<0.005	<0.001	0.05	0.2	0.05	<0.02	<0.5	<0.5	45
W875650		4.6	0.51	13	0.3	0.04	<0.005	<0.005	<0.001	<0.05	0.3	0.03	<0.02	<0.5	<0.5	40
W875651		5.0	0.51	16	0.3	0.02	<0.005	<0.005	<0.001	<0.05	0.2	0.02	<0.02	<0.5	<0.5	44
W875652		3.2	0.42	9	0.3	0.02	<0.005	<0.005	<0.001	<0.05	0.3	0.03	<0.02	<0.5	<0.5	45
W875653		3.3	0.41	9	<0.1	0.02	<0.005	<0.005	<0.001	<0.05	0.3	0.03	<0.02	<0.5	<0.5	45
W875655		3.2	0.36	8	0.3	0.03	<0.005	<0.005	<0.001	0.05	<0.2	0.04	<0.02	<0.5	<0.5	42
W875656		2.8	0.32	9	0.2	0.02	<0.005	<0.005	<0.001	<0.05	0.2	0.02	<0.02	<0.5	<0.5	43
W875657		13.4	1.13	107	3.8	0.97	0.005	0.063	0.006	0.31	4.7	0.58	0.09	1.8	1.0	113
W875658		3.0	0.36	8	0.1	0.03	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	43
W875659		2.8	0.39	8	0.2	0.04	<0.005	<0.005	<0.001	<0.05	0.3	0.03	<0.02	<0.5	<0.5	39
W875661		3.2	0.41	9	0.2	0.05	<0.005	0.005	<0.001	<0.05	0.2	0.05	<0.02	<0.5	<0.5	40
W875662		3.2	0.42	10	0.1	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	<0.02	<0.5	<0.5	40
W875663		3.2	0.44	10	0.2	0.01	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	39
W875664		3.4	0.38	9	0.3	0.02	<0.005	<0.005	<0.001	<0.05	0.3	0.04	<0.02	<0.5	<0.5	41
W875666		3.3	0.61	14	0.2	0.02	<0.005	<0.005	<0.001	<0.05	0.3	0.04	<0.02	<0.5	<0.5	42
W875667		3.2	0.35	10	0.3	0.01	<0.005	<0.005	<0.001	<0.05	0.3	0.01	<0.02	<0.5	<0.5	43
W875668		3.3	0.40	9	0.3	0.03	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	44
W875669		3.1	0.40	8	0.1	0.02	<0.005	<0.005	<0.001	<0.05	0.2	0.02	<0.02	<0.5	<0.5	43
W875671		3.3	0.47	9	1.1	0.11	<0.005	<0.005	<0.001	<0.05	0.3	0.07	<0.02	<0.5	<0.5	51
W875672		2.7	0.35	8	0.4	0.04	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	49
W875673		2.6	0.24	9	0.4	0.04	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	42
W875674		2.8	0.27	9	0.2	0.03	<0.005	<0.005	<0.001	<0.05	0.3	0.03	<0.02	<0.5	<0.5	48
W875676		2.3	0.21	9	0.3	0.07	<0.005	0.005	<0.001	<0.05	0.2	0.03	0.02	<0.5	<0.5	31
W875677		0.5	<0.03	<2	0.3	0.02	0.006	<0.005	<0.001	0.05	0.2	0.01	<0.02	<0.5	<0.5	<1
W875678		2.4	0.37	8	0.3	0.05	<0.005	<0.005	<0.001	<0.05	0.2	0.02	<0.02	<0.5	<0.5	42
W875679		2.5	0.40	10	0.3	0.06	<0.005	<0.005	<0.001	<0.05	0.3	0.04	<0.02	<0.5	<0.5	39
W875680		2.6	0.35	19	0.3	0.07	<0.005	<0.005	<0.001	<0.05	<0.2	0.04	<0.02	<0.5	<0.5	45
W875682		4.5	0.60	12	0.3	0.10	<0.005	<0.005	0.001	<0.05	0.2	0.05	<0.02	<0.5	<0.5	83
W875683		2.7	0.33	6	0.3	0.15	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	50
W875684		2.9	0.43	8	0.3	0.07	<0.005	<0.005	<0.001	<0.05	<0.2	0.05	<0.02	<0.5	<0.5	59
W875685		2.2	0.27	6	<0.1	0.04	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	<0.02	<0.5	<0.5	49

Comments: ***** ORIGINALLY FROM WO: TB18299768 MZI *****

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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: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001	Se-MS46 Se ppm 0.003
W875637		3	10	<1	1	<2	<1	19			0.003
W875638		84	10	6	83	53	5	44			2.91
W875640		49	20	1	394	<2	40	83			0.104
W875641		33	10	<1	243	<2	18	45			0.075
W875642		64	10	<1	217	<2	16	41			0.127
W875643		35	10	<1	215	<2	15	39			0.062
W875645		61	10	<1	231	<2	15	44			0.119
W875646		51	10	<1	245	3	15	45			0.078
W875647		63	10	<1	226	3	15	41			0.114
W875648		62	10	<1	237	<2	15	44			0.092
W875650		42	10	<1	222	<2	13	40			0.098
W875651		45	10	<1	229	<2	19	46			0.105
W875652		30	10	<1	247	<2	16	41			0.068
W875653		44	10	<1	261	<2	16	42			0.077
W875655		39	10	<1	248	<2	16	38			0.050
W875656		47	10	<1	249	<2	14	42			0.108
W875657		4400	20	5	4320	22	12	101			3.94
W875658		53	10	<1	241	<2	16	40			0.122
W875659		37	10	<1	226	<2	16	39			0.117
W875661		41	10	<1	236	<2	16	49			0.097
W875662		44	10	<1	235	<2	16	40			0.129
W875663		56	10	<1	239	<2	16	40			0.134
W875664		60	10	<1	242	<2	17	40			0.133
W875666		61	10	<1	241	<2	18	40			0.102
W875667		65	10	<1	250	<2	16	40			0.130
W875668		66	10	<1	260	<2	17	41			0.136
W875669		68	10	<1	260	<2	16	43			0.121
W875671		71	20	<1	293	<2	19	52			0.119
W875672		49	10	<1	278	<2	16	48			0.063
W875673		40	10	<1	238	<2	15	40			0.081
W875674		55	10	1	277	<2	14	45			0.101
W875676		46	10	<1	177	<2	12	41			0.084
W875677		1	20	<1	<1	5	<1	77			0.003
W875678		40	10	<1	257	<2	16	46			0.049
W875679		34	10	<1	236	<2	14	39			0.061
W875680		97	10	<1	263	<2	18	42			0.154
W875682		85	20	<1	454	<2	44	73			0.166
W875683		52	20	<1	283	<2	17	46			0.117
W875684		114	20	<1	356	<2	22	55			0.143
W875685		22	20	<1	304	<2	18	48			0.023

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	OA-GRA05 LOI % 0.01	TOT-ICP06 Total % 0.01
W875687		49.2	17.65	8.69	7.47	10.85	2.86	0.70	0.054	0.17	0.13	<0.01	0.02	0.02	3.87	101.68
W875688		48.4	18.50	8.07	8.93	9.44	1.83	0.78	0.048	0.19	0.12	0.01	0.02	0.02	3.45	99.81
W875689		49.0	20.1	7.43	9.92	8.59	1.85	0.61	0.042	0.18	0.10	<0.01	0.02	0.01	2.88	100.73
W875690		48.9	19.80	7.36	10.10	8.30	2.08	0.68	0.040	0.22	0.11	0.01	0.03	0.02	2.88	100.53
W875692		49.3	22.2	5.86	10.70	6.31	2.39	0.96	0.030	0.20	0.08	0.01	0.03	0.02	2.58	100.67
W875693		48.4	19.60	7.32	9.84	8.30	2.11	0.73	0.039	0.19	0.10	0.02	0.03	0.02	3.27	99.97
W875694		48.7	19.55	7.49	9.91	8.45	2.00	0.60	0.041	0.21	0.10	0.01	0.02	0.01	3.08	100.17
W875695		49.1	20.0	7.47	10.20	8.30	1.93	0.52	0.041	0.22	0.10	0.02	0.02	0.01	2.81	100.74
W875697		32.0	9.68	24.6	4.73	6.51	1.51	0.42	0.047	0.85	0.13	0.11	0.02	0.01	6.94	87.56
W875698		49.5	16.30	8.73	10.25	9.87	1.88	0.44	0.046	0.29	0.12	0.02	0.02	0.01	2.23	99.71
W875699		60.3	17.20	6.05	6.40	3.06	4.07	0.22	0.002	0.94	0.05	0.29	0.08	0.02	1.32	100.00
W875700		58.3	17.00	7.89	6.14	2.66	4.10	0.36	<0.002	1.01	0.04	0.34	0.08	0.03	1.17	99.12
W875701		59.8	16.80	7.27	6.42	2.75	4.15	0.32	<0.002	1.03	0.05	0.35	0.08	0.03	1.22	100.27
W875703		55.1	18.10	7.49	7.33	4.58	3.85	0.81	0.018	0.70	0.08	0.22	0.06	0.04	1.72	100.10
W875704		58.7	17.40	7.76	6.31	2.99	4.57	0.56	0.003	0.94	0.07	0.31	0.08	0.03	1.30	101.02
W875705		49.6	19.70	7.32	9.39	7.38	2.62	0.96	0.041	0.24	0.10	0.05	0.02	0.03	2.88	100.33
W875706		48.9	20.6	6.96	10.55	8.11	1.94	0.51	0.048	0.13	0.10	<0.01	0.02	0.02	2.42	100.31
W875708		48.9	21.4	6.51	10.95	7.50	2.02	0.46	0.044	0.12	0.09	<0.01	0.03	0.01	2.48	100.51
W875709		49.5	20.7	6.37	11.00	7.23	1.97	0.37	0.040	0.12	0.09	<0.01	0.02	0.01	2.21	99.63
W875710		49.1	20.9	7.01	11.30	7.26	2.01	0.27	0.038	0.16	0.10	0.01	0.02	0.01	2.00	100.19
W875711		48.5	21.0	6.44	11.15	7.33	1.93	0.50	0.038	0.13	0.09	<0.01	0.02	0.01	2.50	99.64
W875713		49.5	21.4	6.61	11.00	7.32	2.12	0.52	0.039	0.15	0.10	0.01	0.02	0.01	2.27	101.07
W875714		47.4	12.90	21.1	6.31	6.67	2.17	0.63	0.033	1.26	0.19	0.15	0.03	0.02	1.14	100.00

Comments: ***** ORIGINALLY FROM WO: TB18299768 MZI *****

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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: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Ge ppm 5	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1
W875687		0.01	0.03	154.0	2.2	400	2.43	0.38	0.39	0.19	12.8	0.26	<5	0.2	0.11	1.1
W875688		0.02	0.03	165.0	2.3	330	2.93	0.42	0.27	0.18	14.2	0.36	<5	0.2	0.09	1.3
W875689		0.01	0.03	127.5	3.2	300	3.43	0.39	0.30	0.19	14.7	0.35	<5	<0.2	0.08	1.7
W875690		0.02	0.09	149.0	3.2	280	2.62	0.49	0.39	0.18	15.2	0.35	<5	0.3	0.11	1.5
W875692		0.01	0.05	188.0	3.8	210	3.43	0.52	0.34	0.21	15.6	0.46	<5	0.2	0.11	1.8
W875693		0.01	0.03	139.5	3.0	270	2.10	0.49	0.27	0.18	14.0	0.47	<5	0.2	0.10	1.5
W875694		0.03	0.04	121.5	3.2	280	1.87	0.49	0.35	0.19	14.3	0.39	<5	0.2	0.12	1.6
W875695		0.05	0.05	116.0	3.5	290	1.73	0.46	0.36	0.20	14.7	0.45	<5	0.3	0.11	1.7
W875697		0.11	9.05	113.5	15.4	330	0.69	1.45	0.87	0.71	12.0	1.83	<5	1.4	0.31	6.9
W875698		0.04	0.02	115.5	4.9	320	1.91	0.81	0.52	0.25	14.4	0.74	<5	0.4	0.17	2.3
W875699		0.03	0.42	213	76.3	20	1.58	3.86	1.76	1.61	17.2	6.32	<5	4.9	0.71	35.3
W875700		0.03	0.39	272	77.6	<10	1.92	4.16	1.97	1.83	19.4	6.32	<5	5.1	0.75	35.6
W875701		0.03	0.52	229	76.8	10	1.23	4.25	1.88	1.79	18.1	6.39	<5	5.0	0.75	35.1
W875703		0.02	0.05	387	52.5	130	2.30	3.05	1.43	1.35	19.7	4.47	<5	3.3	0.53	24.2
W875704		0.03	0.12	305	74.6	30	2.23	3.94	1.72	1.94	22.4	6.23	<5	4.9	0.70	34.5
W875705		0.03	0.04	248	11.8	280	1.93	0.90	0.42	0.41	15.2	1.10	<5	0.8	0.16	5.6
W875706		0.01	0.04	152.5	2.0	330	1.67	0.38	0.21	0.17	14.2	0.33	<5	<0.2	0.08	1.1
W875708		0.02	0.02	120.0	1.9	300	1.53	0.34	0.25	0.19	14.7	0.30	<5	<0.2	0.08	1.0
W875709		0.02	0.03	113.0	1.8	280	1.34	0.30	0.21	0.16	15.0	0.25	<5	<0.2	0.07	0.9
W875710		0.01	0.09	96.3	2.6	260	1.10	0.41	0.26	0.20	15.1	0.32	<5	0.2	0.09	1.2
W875711		0.03	0.03	122.0	2.1	260	1.74	0.39	0.26	0.17	15.1	0.31	<5	<0.2	0.08	1.1
W875713		0.07	0.04	126.5	2.7	270	1.87	0.42	0.32	0.15	14.8	0.41	<5	0.2	0.10	1.3
W875714		0.07	1.75	215	25.4	230	0.92	2.30	1.33	1.05	16.2	2.81	<5	2.2	0.48	11.7

Comments: ***** ORIGINALLY FROM WO: TB18299768 MZI *****

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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: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1
W875687		0.06	<0.2	1.2	0.26	22.3	0.20	<1	195.0	0.3	0.08	0.07	0.04	<0.05	152	<1
W875688		0.05	<0.2	1.3	0.28	24.2	0.25	<1	201	<0.1	0.07	0.10	0.05	0.06	136	<1
W875689		0.05	<0.2	1.6	0.38	18.9	0.33	<1	220	<0.1	0.07	0.07	0.04	<0.05	135	<1
W875690		0.05	0.3	1.6	0.39	20.4	0.37	<1	255	0.2	0.08	0.11	0.06	<0.05	143	<1
W875692		0.05	0.3	1.9	0.43	27.9	0.39	<1	303	<0.1	0.08	0.11	0.05	<0.05	131	<1
W875693		0.06	0.2	1.6	0.35	22.0	0.34	<1	209	<0.1	0.07	0.08	0.05	<0.05	131	1
W875694		0.05	0.3	1.6	0.36	18.5	0.30	<1	213	<0.1	0.08	0.09	0.05	<0.05	139	<1
W875695		0.06	0.3	1.7	0.39	16.0	0.36	<1	226	0.1	0.07	0.09	0.06	<0.05	139	<1
W875697		0.13	4.6	8.8	1.96	9.8	1.74	2	167.5	0.3	0.29	0.93	0.13	0.32	73	2
W875698		0.09	0.6	2.7	0.62	12.8	0.64	<1	190.5	0.1	0.13	0.21	0.08	0.09	198	<1
W875699		0.21	7.5	40.4	9.45	5.8	7.51	<1	698	0.7	0.79	4.66	0.25	1.66	106	2
W875700		0.22	8.8	41.2	9.85	10.0	7.92	<1	721	0.7	0.89	4.63	0.27	1.38	135	1
W875701		0.20	8.6	40.7	9.71	7.2	7.91	<1	716	0.6	0.88	4.62	0.27	1.62	115	1
W875703		0.18	6.3	28.2	6.60	23.3	5.49	1	515	0.4	0.61	3.17	0.18	0.86	116	1
W875704		0.20	9.0	39.3	9.36	16.5	7.64	1	671	0.7	0.84	4.40	0.25	1.21	110	1
W875705		0.06	1.3	6.2	1.50	30.6	1.19	<1	239	0.3	0.16	0.66	0.06	0.18	105	<1
W875706		0.03	<0.2	1.0	0.23	15.4	0.24	<1	219	0.1	0.05	0.09	0.03	<0.05	109	<1
W875708		0.04	<0.2	1.0	0.25	12.8	0.20	<1	217	<0.1	0.04	0.07	0.03	<0.05	102	1
W875709		0.04	<0.2	1.0	0.22	10.3	0.20	<1	215	0.1	0.04	0.06	0.03	<0.05	104	<1
W875710		0.05	<0.2	1.4	0.33	7.2	0.36	<1	227	0.1	0.07	0.10	0.04	<0.05	115	<1
W875711		0.04	<0.2	1.0	0.24	14.4	0.25	<1	208	<0.1	0.06	0.07	0.05	<0.05	110	1
W875713		0.04	<0.2	1.5	0.34	14.9	0.30	<1	245	0.1	0.07	0.13	0.05	<0.05	112	<1
W875714		0.17	6.8	13.4	3.19	15.6	2.84	3	270	0.4	0.42	1.40	0.18	0.59	113	3

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 Cd ppm 0.5	ME-4ACD81 Co ppm 1
W875687		2.5	0.45	6	0.1	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.04	0.02	<0.5	<0.5	54
W875688		2.6	0.33	7	0.4	0.03	<0.005	<0.005	<0.001	<0.05	0.2	0.02	<0.02	<0.5	<0.5	51
W875689		2.7	0.37	7	0.3	0.03	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	48
W875690		3.1	0.36	11	0.5	0.10	<0.005	<0.005	<0.001	<0.05	0.4	0.05	<0.02	<0.5	<0.5	48
W875692		3.0	0.37	9	0.7	0.04	<0.005	<0.005	<0.001	<0.05	<0.2	0.03	<0.02	<0.5	<0.5	38
W875693		3.0	0.36	9	0.3	0.03	<0.005	<0.005	<0.001	<0.05	<0.2	0.03	0.02	<0.5	<0.5	44
W875694		3.1	0.39	9	0.3	0.04	<0.005	<0.005	<0.001	<0.05	0.2	0.02	0.02	<0.5	<0.5	48
W875695		3.1	0.38	9	0.3	0.04	<0.005	<0.005	<0.001	<0.05	0.5	0.02	0.02	<0.5	<0.5	46
W875697		8.7	0.85	63	13.6	0.93	0.146	0.103	0.019	2.48	19.2	4.20	0.14	4.0	2.2	991
W875698		4.9	0.58	16	0.2	0.04	<0.005	<0.005	<0.001	<0.05	0.2	0.04	<0.02	<0.5	<0.5	53
W875699		19.1	1.49	202	0.5	0.14	<0.005	0.009	<0.001	<0.05	0.6	0.03	0.03	<0.5	<0.5	46
W875700		21.1	1.68	203	0.3	0.13	<0.005	0.010	<0.001	<0.05	0.8	0.03	0.06	<0.5	<0.5	36
W875701		21.2	1.61	202	0.6	0.15	<0.005	0.008	<0.001	<0.05	0.5	0.03	0.04	<0.5	<0.5	61
W875703		15.0	1.23	137	0.2	0.11	<0.005	0.011	<0.001	<0.05	<0.2	0.08	0.05	<0.5	<0.5	31
W875704		19.5	1.41	197	0.2	0.10	<0.005	0.022	<0.001	<0.05	0.2	<0.01	0.08	<0.5	<0.5	24
W875705		4.4	0.50	32	0.1	0.03	<0.005	0.005	<0.001	<0.05	<0.2	0.03	0.02	<0.5	<0.5	40
W875706		2.1	0.25	6	<0.1	0.05	<0.005	<0.005	<0.001	<0.05	<0.2	0.04	<0.02	<0.5	<0.5	45
W875708		2.0	0.28	5	<0.1	0.07	<0.005	<0.005	<0.001	<0.05	<0.2	0.05	<0.02	<0.5	<0.5	41
W875709		2.0	0.25	5	0.5	0.10	<0.005	<0.005	<0.001	<0.05	<0.2	0.07	<0.02	<0.5	<0.5	38
W875710		2.4	0.34	7	0.2	0.17	<0.005	<0.005	<0.001	<0.05	0.3	0.05	<0.02	<0.5	<0.5	42
W875711		2.2	0.28	6	0.4	0.03	<0.005	<0.005	<0.001	<0.05	0.4	0.03	<0.02	<0.5	<0.5	42
W875713		2.5	0.35	8	0.4	0.03	0.005	<0.005	0.001	<0.05	0.2	0.02	0.02	<0.5	<0.5	41
W875714		12.6	1.14	88	4.3	0.86	0.005	0.069	0.006	0.30	4.6	0.59	0.10	1.8	1.1	115

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310796

Sample Description	Method / Analyte / Units / LOD	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001	Se-MS46 Se ppm 0.003
W875687		49	20	<1	323	<2	18	54			0.092
W875688		50	20	<1	286	<2	20	52			0.094
W875689		49	20	<1	261	<2	16	46			0.098
W875690		54	20	<1	258	<2	17	45			0.175
W875692		24	20	<1	202	<2	17	35			0.106
W875693		42	20	<1	253	<2	19	43			0.089
W875694		44	20	<1	271	<2	20	48			0.098
W875695		40	20	<1	254	<2	19	45			0.106
W875697		>10000	10	3	>10000	14	9	144	1.640	4.62	16.85
W875698		34	10	<1	356	<2	30	48			0.052
W875699		363	10	<1	55	4	9	27			0.757
W875700		294	10	<1	12	<2	8	25			0.597
W875701		500	10	<1	19	4	8	23			0.779
W875703		35	10	<1	100	3	13	50			0.045
W875704		54	10	<1	31	2	9	51			0.088
W875705		41	20	<1	230	<2	16	58			0.070
W875706		52	10	<1	266	<2	17	47			0.095
W875708		23	10	<1	245	<2	17	38			0.057
W875709		24	10	<1	229	<2	17	36			0.064
W875710		52	10	<1	222	<2	16	43			0.191
W875711		63	10	<1	237	<2	17	39			0.122
W875713		64	10	<1	234	<2	17	44			0.121
W875714		4710	20	4	4560	21	13	111			4.12

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Finalized Date: 18-DEC-2018
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CERTIFICATE OF ANALYSIS TB18310796

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:

C-IR07	Cu-OG62	FND-02	ME-4ACD81
ME-ICP06	ME-MS42	ME-MS81	ME-OG62
Ni-OG62	OA-GRA05	Se-MS46	S-IR08
TOT-ICP06			