ALS Canada Ltd.

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

Finalized Date: 17-DEC-2018
Account: MZI

CERTIFICATE TB18310828

Project: EMB

P.O. No.: 198288

This report is for 64 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: TB18302634 MZI *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB18310828

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
W875871		20.8	0.03	0.12	26.9	21.5	0.04	0.10	<0.002	<0.01	0.06	<0.01	0.01	0.02	30.2	99.78
W875872		86.2	5.40	3.16	0.06	0.45	0.06	0.65	0.015	0.32	0.19	0.10	<0.01	0.07	5.29	101.97
W875873		48.5	11.80	15.50	6.99	12.95	1.20	0.13	0.046	0.34	0.19	<0.01	0.01	0.01	0.41	98.08
W875874		49.9	11.75	16.00	7.05	13.65	1.17	0.12	0.047	0.33	0.20	<0.01	0.01	<0.01	0.37	100.60
W875875		50.8	11.55	16.65	6.93	14.15	1.16	0.10	0.049	0.34	0.21	0.02	0.01	<0.01	-0.14	101.83
W875876		50.7	10.70	17.35	6.69	14.70	1.06	0.09	0.052	0.37	0.21	0.01	0.01	<0.01	-0.04	101.90
W875878		50.7	11.25	15.95	6.68	13.70	1.15	0.15	0.050	0.33	0.21	0.01	0.01	<0.01	-0.18	100.01
W875879		49.2	11.45	15.90	6.95	13.40	1.15	0.11	0.047	0.34	0.20	0.01	0.01	<0.01	1.07	99.84
W875880		49.2	12.75	15.10	7.29	12.60	1.31	0.13	0.044	0.31	0.19	0.01	0.02	0.01	0.88	99.84
W875881		50.7	11.20	16.75	6.80	14.30	1.14	0.09	0.051	0.33	0.21	0.01	0.01	<0.01	-0.24	101.35
W875883		49.8	11.35	16.40	6.86	13.85	1.13	0.10	0.049	0.35	0.20	<0.01	0.01	<0.01	-0.29	99.81
W875884		50.2	11.55	16.40	7.02	13.80	1.18	0.08	0.048	0.35	0.20	0.01	0.01	<0.01	-0.33	100.52
W875885		50.3	11.20	16.65	6.87	14.10	1.13	0.08	0.050	0.35	0.20	0.01	0.01	<0.01	-0.46	100.49
W875886		50.4	11.35	16.65	6.98	13.95	1.16	0.10	0.049	0.38	0.20	0.01	0.01	<0.01	-0.34	100.90
W875888		49.9	11.05	16.45	6.82	13.95	1.13	0.10	0.049	0.36	0.20	0.01	0.01	<0.01	0.24	100.27
W875889		50.1	11.35	16.30	6.89	13.85	1.15	0.10	0.050	0.33	0.20	0.01	0.01	<0.01	-0.37	99.97
W875890		50.5	11.70	16.05	7.00	13.75	1.20	0.11	0.049	0.32	0.20	<0.01	0.01	<0.01	-0.11	100.78
W875891		46.7	12.65	21.1	6.26	6.66	2.15	0.62	0.032	1.25	0.19	0.15	0.03	0.02	1.13	98.94
W875892		48.7	10.70	15.80	6.68	13.65	1.09	0.18	0.051	0.32	0.20	<0.01	0.01	0.01	1.73	99.12
W875894		49.1	10.70	15.70	6.73	13.95	0.99	0.15	0.051	0.30	0.20	<0.01	0.01	0.01	1.92	99.81
W875895		51.2	11.70	14.55	6.63	12.45	1.78	0.26	0.046	0.33	0.21	0.02	0.02	0.01	2.08	101.29
W875896		51.0	11.45	14.50	6.47	12.40	1.62	0.23	0.046	0.29	0.20	0.02	0.01	0.01	1.81	100.06
W875897		50.1	11.50	15.05	6.45	12.70	1.40	0.21	0.047	0.33	0.18	<0.01	0.01	0.01	1.42	99.41
W875899		49.2	13.65	14.10	7.32	11.50	1.47	0.15	0.041	0.32	0.17	<0.01	0.01	0.01	1.39	99.33
W875900		44.8	15.95	17.95	7.94	8.72	1.79	0.18	0.057	0.92	0.15	0.01	0.02	0.01	1.62	100.12
W875901		42.9	17.45	20.1	8.45	7.22	1.78	0.36	0.055	1.03	0.14	<0.01	0.03	0.01	1.19	100.72
W875902		44.3	17.90	18.10	8.55	7.14	1.99	0.38	0.053	0.97	0.13	<0.01	0.02	0.01	1.33	100.87
W875904		47.7	19.60	12.95	9.23	6.93	2.29	0.36	0.069	0.77	0.13	0.02	0.03	0.01	1.35	101.44
W875905		47.3	19.30	13.20	9.90	6.81	2.16	0.41	0.094	0.82	0.12	0.01	0.03	0.01	1.66	101.82
W875906		49.4	19.80	9.10	9.67	7.17	2.44	0.42	0.037	0.30	0.11	<0.01	0.03	0.01	1.81	100.30
W875907		52.9	19.45	8.30	9.01	6.73	2.82	0.28	0.022	0.25	0.10	0.01	0.03	0.01	1.21	101.12
W875909		49.3	10.55	15.55	6.85	15.50	1.03	0.19	0.114	0.38	0.21	0.03	0.01	0.01	0.89	100.61
W875910		50.9	11.10	16.15	6.27	14.65	1.20	0.14	0.054	0.38	0.21	0.01	0.01	0.01	0.67	101.75
W875911		17.35	0.05	0.11	28.2	21.8	0.02	<0.01	<0.002	<0.01	0.05	0.01	0.02	0.02	32.8	100.43
W875912		50.0	10.80	15.85	6.09	14.55	1.17	0.15	0.055	0.36	0.20	0.01	0.01	0.01	0.81	100.07
W875913		50.9	11.30	14.30	6.07	12.85	1.41	0.21	0.050	0.33	0.18	0.01	0.02	0.01	2.52	100.16
W875915		49.7	9.66	16.00	5.87	15.15	1.04	0.21	0.062	0.30	0.23	0.01	0.01	0.01	3.00	101.25
W875916		51.4	11.45	14.65	6.00	11.10	2.10	0.21	0.042	0.56	0.20	0.09	0.02	0.01	2.25	100.08
W875917		49.6	10.40	15.65	5.80	14.55	1.20	0.24	0.057	0.28	0.22	<0.01	0.01	0.01	2.73	100.75
W875918		50.1	11.35	14.85	6.19	13.85	1.36	0.40	0.054	0.27	0.21	<0.01	0.01	0.01	2.56	101.21

Comments: ***** ORIGINALLY FROM WO: TB18302634 MZI *****

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THUNDER BAY ON P7B 2R2

Finalized Date: 17-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310828

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
W875871		7.96	0.01	155.0	0.4	<10	0.22	0.06	0.04	<0.03	0.4	<0.05	<5	<0.2	<0.01	0.2
W875872		3.97	<0.01	517	164.0	90	0.76	1.29	0.80	0.35	5.9	1.21	<5	1.6	0.28	117.5
W875873		0.07	0.04	50.0	2.5	370	0.78	0.58	0.29	0.18	14.3	0.39	<5	0.2	0.11	1.3
W875874		0.06	0.08	45.9	2.3	380	0.90	0.54	0.46	0.12	14.5	0.32	<5	0.3	0.13	1.1
W875875		0.04	0.03	41.5	2.2	380	0.60	0.56	0.35	0.18	14.2	0.40	<5	0.2	0.11	1.1
W875876		0.04	0.06	41.1	2.3	400	0.71	0.51	0.48	0.18	13.0	0.48	<5	0.4	0.14	1.1
W875878		0.04	0.02	42.5	2.5	400	0.72	0.57	0.36	0.18	14.1	0.41	<5	0.3	0.12	1.1
W875879		0.06	0.03	43.4	2.2	370	1.08	0.57	0.34	0.17	13.9	0.32	<5	0.2	0.18	1.0
W875880		0.04	0.01	47.3	2.2	340	1.13	0.52	0.36	0.16	13.8	0.43	<5	0.3	0.09	1.1
W875881		0.04	0.01	38.6	2.3	390	0.49	0.60	0.27	0.19	13.7	0.37	<5	0.2	0.11	1.0
W875883		0.03	0.01	40.6	2.2	370	0.62	0.42	0.50	0.18	13.2	0.25	<5	0.2	0.12	1.1
W875884		0.03	0.01	41.4	2.5	380	0.52	0.57	0.41	0.24	14.9	0.38	<5	0.3	0.18	1.1
W875885		0.04	0.01	40.4	2.6	390	0.29	0.52	0.41	0.19	13.5	0.46	<5	0.3	0.11	1.2
W875886		0.04	0.01	43.4	2.7	380	0.39	0.70	0.38	0.14	14.1	0.47	<5	0.3	0.12	1.2
W875888		0.05	0.01	44.1	2.9	370	0.80	0.67	0.39	0.21	13.1	0.57	<5	0.2	0.13	1.2
W875889		0.07	0.02	40.9	2.7	380	0.44	0.44	0.55	0.17	13.8	0.43	<5	0.3	0.14	1.1
W875890		0.06	0.02	44.9	2.5	370	0.62	0.65	0.42	0.17	12.6	0.44	<5	0.3	0.12	1.3
W875891		0.09	1.74	222	27.3	240	0.91	2.47	1.66	1.07	16.7	2.80	<5	2.5	0.54	12.5
W875892		0.05	0.02	51.4	2.5	420	0.87	0.58	0.43	0.13	12.2	0.48	<5	0.2	0.12	1.1
W875894		0.03	0.02	46.1	2.3	410	0.54	0.55	0.40	0.17	12.1	0.52	<5	0.2	0.13	1.0
W875895		0.05	<0.01	85.8	6.6	350	1.08	0.83	0.53	0.28	14.6	0.84	<5	0.8	0.15	2.8
W875896		0.02	0.02	76.1	5.0	350	1.18	0.58	0.42	0.15	12.3	0.54	<5	0.5	0.13	2.4
W875897		0.04	0.03	71.8	4.4	350	0.87	0.48	0.41	0.17	12.2	0.51	<5	0.5	0.12	2.3
W875899		0.04	0.02	61.7	3.3	310	0.97	0.48	0.35	0.10	13.8	0.38	<5	0.3	0.12	1.7
W875900		0.03	0.02	74.2	4.5	420	1.11	0.33	0.23	0.17	18.8	0.34	<5	0.3	0.08	2.2
W875901		0.03	0.05	99.1	4.8	430	1.24	0.41	0.27	0.30	23.3	0.39	<5	0.3	0.09	2.4
W875902		0.03	0.02	102.5	2.9	410	1.36	0.35	0.26	0.23	22.8	0.29	<5	0.3	0.08	1.5
W875904		0.02	0.01	97.5	4.0	530	1.65	0.31	0.21	0.26	20.0	0.27	<5	0.3	0.07	2.1
W875905		0.03	0.05	108.5	3.3	700	1.59	0.49	0.44	0.29	19.6	0.48	<5	0.3	0.09	1.7
W875906		0.03	0.01	106.0	3.5	290	2.23	0.44	0.30	0.28	17.3	0.29	<5	0.2	0.09	1.8
W875907		0.03	0.01	124.5	4.9	170	1.19	0.49	0.27	0.32	18.2	0.39	<5	0.4	0.10	2.5
W875909		0.03	0.04	46.1	4.6	810	0.80	0.86	0.46	0.28	11.7	0.69	<5	0.4	0.17	1.9
W875910		0.03	0.05	53.1	3.0	420	1.04	0.66	0.42	0.19	12.3	0.53	<5	0.3	0.12	1.5
W875911		8.42	0.01	149.5	0.5	<10	0.13	<0.05	<0.03	<0.03	<0.1	<0.05	<5	<0.2	0.01	0.3
W875912		0.02	0.07	51.6	3.3	410	1.14	0.62	0.57	0.26	12.4	0.53	<5	0.2	0.11	1.5
W875913		0.04	0.03	77.0	4.6	370	1.46	0.61	0.30	0.22	12.5	0.40	<5	0.6	0.12	2.3
W875915		0.03	0.01	54.2	2.5	470	1.21	0.55	0.38	0.20	11.5	0.36	<5	0.3	0.11	1.3
W875916		0.02	0.05	95.9	21.3	310	1.29	1.72	1.18	0.72	13.9	1.97	<5	1.5	0.31	10.2
W875917		0.01	0.02	68.8	2.8	430	1.74	0.49	0.40	0.18	11.0	0.43	<5	0.3	0.13	1.3
W875918		0.02	0.01	100.5	3.2	410	2.07	0.41	0.38	0.16	12.1	0.37	<5	0.3	0.10	1.6

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CERTIFICATE OF ANALYSIS TB18310828

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
W875871		0.01	<0.2	0.3	0.04	0.5	<0.03	<1	141.5	0.3	0.01	<0.05	<0.01	2.44	<5	<1
W875872		0.15	3.6	40.4	14.60	18.1	2.86	3	48.3	0.3	0.22	4.73	0.11	6.35	76	3
W875873		0.06	0.2	1.2	0.27	2.4	0.41	<1	140.5	0.2	0.06	0.11	0.07	<0.05	346	<1
W875874		0.06	0.2	1.3	0.23	2.3	0.24	<1	140.5	0.2	0.09	0.07	0.06	<0.05	343	<1
W875875		0.08	0.3	0.8	0.30	2.1	0.17	<1	135.0	0.2	0.07	0.14	0.07	<0.05	337	<1
W875876		0.08	0.2	1.3	0.32	2.1	0.24	<1	120.0	0.2	0.09	0.10	0.06	<0.05	352	<1
W875878		0.05	0.2	1.3	0.28	2.7	0.44	<1	139.0	0.1	0.08	0.13	0.07	<0.05	358	<1
W875879		0.07	0.2	1.3	0.35	2.5	0.38	<1	134.0	0.2	0.07	0.10	0.06	0.05	336	<1
W875880		0.08	0.2	1.3	0.24	2.8	0.22	<1	151.5	0.2	0.07	0.08	0.06	<0.05	308	<1
W875881		0.08	0.2	1.2	0.26	1.6	0.59	<1	126.0	0.2	0.09	0.15	0.06	0.25	349	<1
W875883		0.05	0.3	1.2	0.26	1.8	0.35	<1	126.0	0.2	0.07	0.12	0.06	0.05	343	<1
W875884		0.09	0.2	1.3	0.25	1.6	0.19	<1	131.5	0.2	0.08	0.12	0.05	<0.05	355	<1
W875885		0.10	0.2	1.4	0.31	1.5	0.26	<1	129.0	0.3	0.12	0.13	0.06	<0.05	351	<1
W875886		0.08	0.3	1.6	0.31	1.8	0.37	<1	131.5	0.2	0.09	0.12	0.08	<0.05	349	<1
W875888		0.06	0.2	1.5	0.31	2.2	0.46	<1	125.5	0.2	0.09	0.10	0.09	<0.05	332	<1
W875889		0.07	0.3	1.2	0.35	2.4	0.38	<1	127.0	0.2	0.09	0.11	0.05	<0.05	307	<1
W875890		0.06	0.2	1.5	0.27	2.6	0.46	<1	134.0	0.2	0.09	0.12	0.06	<0.05	298	1
W875891		0.22	7.2	14.7	3.26	15.8	2.97	4	258	0.6	0.43	1.50	0.16	0.51	123	3
W875892		0.08	0.2	1.6	0.30	4.9	0.36	<1	111.5	0.2	0.08	0.12	0.06	<0.05	331	<1
W875894		0.07	0.2	1.4	0.31	3.6	0.38	<1	102.0	0.2	0.10	0.14	0.07	<0.05	297	1
W875895		0.08	0.8	3.2	0.74	5.9	0.80	<1	166.5	0.3	0.12	0.37	0.09	0.12	278	<1
W875896		0.07	0.6	2.0	0.59	5.4	0.36	<1	148.0	0.2	0.08	0.75	0.06	0.09	283	<1
W875897		0.06	0.5	1.6	0.53	4.3	0.44	<1	127.0	0.2	0.08	0.68	0.04	0.16	312	<1
W875899		0.06	0.3	1.7	0.31	2.7	0.31	<1	157.0	0.2	0.06	0.20	0.06	<0.05	319	<1
W875900		0.04	0.4	1.9	0.45	4.3	0.43	<1	208	0.2	0.06	0.27	0.03	<0.05	988	<1
W875901		0.04	0.6	2.4	0.51	10.9	0.56	<1	242	0.4	0.09	0.67	0.03	<0.05	1395	<1
W875902		0.04	0.3	1.3	0.33	11.6	0.31	<1	251	0.2	0.05	0.18	0.04	0.05	1155	<1
W875904		0.04	0.5	1.8	0.47	11.3	0.33	<1	281	0.2	0.04	0.18	0.06	0.07	560	<1
W875905		0.07	0.3	1.6	0.39	14.8	0.26	<1	277	0.2	0.06	0.16	0.06	<0.05	580	1
W875906		0.07	0.2	1.5	0.48	14.8	0.48	<1	289	0.2	0.05	0.15	0.03	0.06	220	<1
W875907		0.06	0.4	1.9	0.54	7.9	0.34	<1	336	0.2	0.07	0.19	0.05	0.07	161	1
W875909		0.09	0.4	2.4	0.58	4.3	0.56	<1	141.0	0.2	0.11	0.06	0.08	<0.05	261	<1
W875910		0.10	0.3	1.6	0.42	3.5	0.41	<1	141.5	0.3	0.08	0.10	0.10	<0.05	300	<1
W875911		<0.01	<0.2	0.2	0.06	0.3	0.07	<1	167.0	0.3	<0.01	0.07	0.01	0.43	<5	<1
W875912		0.09	0.3	1.5	0.39	4.2	0.39	<1	135.5	0.3	0.08	0.10	0.07	<0.05	279	<1
W875913		0.06	0.5	2.2	0.52	7.4	0.45	<1	170.0	0.3	0.07	0.19	0.06	0.07	239	1
W875915		0.07	0.2	1.2	0.33	8.7	0.45	<1	109.5	0.2	0.07	0.18	0.05	0.07	251	<1
W875916		0.16	1.6	9.9	2.55	7.7	1.99	<1	204	0.3	0.28	1.18	0.18	0.26	236	1
W875917		0.08	0.2	1.5	0.35	9.3	0.32	<1	127.5	0.2	0.08	0.22	0.07	0.08	233	1
W875918		0.09	0.2	1.4	0.34	16.0	0.41	<1	144.5	0.2	0.06	0.16	0.06	0.06	219	<1

Comments: ***** ORIGINALLY FROM WO: TB18302634 MZI *****

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

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

Finalized Date: 17-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310828

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
W875871		0.2	<0.03	2	0.6	0.02	<0.005	<0.005	<0.001	<0.05	0.2	0.01	0.02	<0.5	<0.5	1
W875872		9.2	0.83	56	5.5	14.00	0.060	0.102	0.003	0.44	3.4	0.44	0.04	0.8	<0.5	60
W875873		3.1	0.53	7	0.2	0.04	<0.005	<0.005	<0.001	<0.05	0.3	0.04	<0.02	<0.5	0.6	90
W875874		3.2	0.49	7	0.3	0.10	<0.005	<0.005	<0.001	<0.05	0.3	0.05	0.02	<0.5	0.6	91
W875875		2.9	0.32	8	0.2	0.01	<0.005	<0.005	<0.001	<0.05	0.2	0.03	<0.02	<0.5	<0.5	97
W875876		3.3	0.50	9	0.2	0.05	<0.005	<0.005	<0.001	<0.05	0.3	0.05	<0.02	<0.5	0.6	96
W875878		3.6	0.53	9	<0.1	0.01	<0.005	<0.005	<0.001	<0.05	0.2	0.02	<0.02	<0.5	<0.5	97
W875879		3.0	0.51	8	0.2	0.04	<0.005	<0.005	<0.001	<0.05	0.2	0.01	<0.02	<0.5	<0.5	93
W875880		2.8	0.45	7	0.3	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	87
W875881		3.1	0.51	10	0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02	<0.5	0.5	96
W875883		3.1	0.45	8	0.1	<0.01	<0.005	<0.005	<0.001	<0.05	0.2	0.01	<0.02	<0.5	<0.5	96
W875884		3.1	0.54	9	0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	<0.02	<0.5	<0.5	95
W875885		3.3	0.39	9	<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	98
W875886		3.5	0.50	9	<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	96
W875888		3.6	0.62	10	0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	0.6	97
W875889		3.4	0.45	9	0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02	<0.5	<0.5	95
W875890		3.3	0.48	10	0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	96
W875891		13.2	1.21	103	4.5	0.91	0.009	0.064	0.005	0.33	5.2	0.61	0.10	2.0	0.9	111
W875892		3.7	0.46	10	0.2	0.04	<0.005	<0.005	<0.001	<0.05	0.3	0.01	<0.02	<0.5	<0.5	97
W875894		3.5	0.45	9	0.2	0.04	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	<0.02	<0.5	<0.5	95
W875895		4.5	0.58	37	0.4	0.07	<0.005	<0.005	<0.001	<0.05	<0.2	0.04	<0.02	<0.5	<0.5	85
W875896		3.4	0.40	22	0.2	0.09	<0.005	<0.005	<0.001	<0.05	<0.2	0.03	<0.02	<0.5	<0.5	85
W875897		3.5	0.47	19	0.3	0.03	<0.005	<0.005	<0.001	0.12	<0.2	0.02	0.02	<0.5	<0.5	92
W875899		2.7	0.46	11	0.4	0.02	<0.005	<0.005	<0.001	0.08	<0.2	0.01	<0.02	<0.5	<0.5	83
W875900		2.5	0.41	8	0.4	0.04	<0.005	<0.005	<0.001	0.06	<0.2	0.01	<0.02	<0.5	<0.5	87
W875901		2.3	0.29	9	0.2	0.02	<0.005	0.005	<0.001	<0.05	<0.2	<0.01	<0.02	<0.5	0.5	88
W875902		2.1	0.35	9	0.2	0.01	<0.005	0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	81
W875904		2.1	0.32	7	0.3	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	<0.5	<0.5	58
W875905		2.7	0.33	10	0.2	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	0.02	<0.5	<0.5	62
W875906		2.4	0.26	7	0.2	0.02	<0.005	<0.005	<0.001	<0.05	0.2	0.02	<0.02	<0.5	<0.5	49
W875907		2.5	0.36	21	0.2	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	<0.02	<0.5	<0.5	47
W875909		4.7	0.69	11	0.3	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	<0.02	<0.5	<0.5	96
W875910		3.6	0.59	11	0.3	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	<0.02	<0.5	<0.5	96
W875911		0.3	<0.03	<2	0.5	0.01	<0.005	<0.005	<0.001	0.05	0.2	<0.01	<0.02	<0.5	<0.5	2
W875912		3.4	0.50	9	0.4	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	0.02	<0.5	<0.5	101
W875913		3.4	0.55	26	0.3	0.03	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	0.02	<0.5	<0.5	87
W875915		3.4	0.34	10	0.3	0.03	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	100
W875916		9.6	0.87	64	0.5	0.05	<0.005	0.007	<0.001	<0.05	<0.2	0.02	0.02	<0.5	<0.5	77
W875917		3.2	0.37	11	0.3	0.04	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	<0.5	<0.5	97
W875918		3.0	0.38	9	0.4	0.05	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.03	<0.5	<0.5	88

Comments: ***** ORIGINALLY FROM WO: TB18302634 MZI *****

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

Finalized Date: 17-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310828

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
W875871		3	10	<1	4	<2	<1	22			<0.003
W875872		83	10	5	81	50	5	43			3.01
W875873		121	<10	<1	341	<2	21	83			0.184
W875874		113	<10	<1	346	<2	21	84			0.168
W875875		118	10	<1	365	<2	23	89			0.126
W875876		124	10	<1	374	<2	24	90			0.146
W875878		24	<10	<1	363	<2	20	89			0.033
W875879		15	10	<1	349	<2	17	87			0.025
W875880		13	10	<1	324	<2	16	81			0.017
W875881		17	<10	<1	359	<2	21	87			0.022
W875883		18	<10	<1	357	<2	19	87			0.019
W875884		17	10	<1	352	<2	28	86			0.019
W875885		16	10	<1	355	<2	26	87			0.020
W875886		15	10	<1	350	<2	21	85			0.018
W875888		9	10	<1	361	<2	23	87			0.013
W875889		12	10	<1	347	<2	25	86			0.025
W875890		17	<10	<1	345	<2	33	84			0.048
W875891		4350	20	4	4260	21	12	103			4.14
W875892		14	10	<1	362	<2	21	86			0.033
W875894		14	10	<1	346	<2	24	84			0.033
W875895		11	10	<1	309	<2	15	82			0.005
W875896		37	10	<1	300	2	16	81			0.023
W875897		48	10	<1	316	2	18	83			0.070
W875899		30	10	<1	273	<2	10	75			0.034
W875900		20	10	<1	346	<2	19	79			0.027
W875901		28	10	<1	344	2	14	77			0.049
W875902		26	10	<1	364	<2	15	69			0.041
W875904		11	10	<1	201	<2	14	55			0.014
W875905		108	10	<1	231	<2	14	59			0.072
W875906		31	10	<1	173	<2	13	49			0.019
W875907		34	10	<1	159	<2	13	48			0.023
W875909		64	10	<1	414	<2	17	95			0.087
W875910		65	10	<1	360	<2	22	91			0.090
W875911		1	10	<1	2	<2	<1	20			<0.003
W875912		60	10	<1	386	<2	25	96			0.099
W875913		54	20	<1	348	<2	23	88			0.059
W875915		25	20	<1	402	<2	31	96			0.021
W875916		45	20	<1	268	<2	30	84			0.047
W875917		18	20	<1	378	<2	27	92			0.029
W875918		11	20	<1	336	<2	22	82			0.026

Comments: ***** ORIGINALLY FROM WO: TB18302634 MZI *****

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

Finalized Date: 17-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310828

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
W875920		51.7	10.80	14.90	5.64	13.75	1.29	0.30	0.056	0.27	0.20	0.01	0.01	0.01	2.06	101.00
W875921		49.6	10.10	15.35	5.58	14.50	1.18	0.40	0.058	0.27	0.22	0.01	0.01	0.01	2.09	99.38
W875922		49.1	10.30	15.55	5.59	14.60	1.03	0.24	0.058	0.27	0.20	0.01	0.01	0.01	2.07	99.04
W875923		50.4	9.99	16.40	5.67	15.45	0.97	0.22	0.062	0.28	0.22	<0.01	0.01	0.01	1.48	101.16
W875925		50.8	10.25	16.50	5.78	15.45	1.07	0.13	0.062	0.28	0.22	0.01	0.01	<0.01	0.03	100.59
W875926		50.4	10.85	15.90	5.94	14.95	1.11	0.22	0.059	0.28	0.21	0.01	0.01	0.01	1.27	101.22
W875927		51.3	10.95	16.00	6.01	14.95	1.18	0.17	0.060	0.29	0.21	0.01	0.01	0.01	0.26	101.41
W875928		51.4	11.35	15.30	6.18	14.20	1.22	0.24	0.059	0.28	0.21	<0.01	0.01	0.01	0.12	100.58
W875930		49.0	10.15	15.60	5.51	14.65	1.02	0.21	0.058	0.29	0.20	0.01	0.01	0.01	1.77	98.49
W875931		34.1	10.25	25.9	5.03	6.88	1.60	0.42	0.050	0.90	0.14	0.12	0.01	0.01	6.88	92.29
W875932		50.0	10.60	15.85	5.89	14.75	1.12	0.16	0.059	0.29	0.21	0.01	0.01	0.01	0.21	99.17
W875933		51.0	11.35	14.15	5.79	13.05	1.59	0.22	0.052	0.27	0.19	0.01	0.01	0.01	1.29	98.98
W875934		49.9	10.80	15.65	5.93	14.55	1.14	0.15	0.057	0.30	0.21	0.01	0.01	0.01	0.52	99.24
W875936		47.5	10.35	15.35	5.61	14.10	1.08	0.25	0.058	0.30	0.22	<0.01	0.01	0.01	1.73	96.57
W875937		49.9	11.60	15.00	6.45	13.65	1.22	0.24	0.055	0.30	0.20	<0.01	0.02	0.01	1.57	100.22
W875938		50.0	12.30	15.20	6.36	13.80	1.31	0.20	0.056	0.31	0.21	0.01	0.01	0.01	1.13	100.91
W875939		50.0	10.60	15.50	5.88	14.30	1.12	0.16	0.058	0.33	0.20	<0.01	0.01	0.01	1.45	99.62
W875941		50.8	10.80	16.30	6.01	14.90	1.11	0.17	0.062	0.34	0.22	0.01	0.01	0.01	1.11	101.85
W875942		50.3	10.55	16.20	5.94	14.85	1.11	0.16	0.061	0.34	0.21	<0.01	0.02	0.01	0.11	99.86
W875943		49.6	9.69	16.15	5.46	14.95	0.85	0.15	0.064	0.35	0.21	<0.01	0.01	0.01	2.66	100.15
W875944		48.8	9.77	15.85	5.78	14.65	0.89	0.11	0.061	0.33	0.22	<0.01	0.01	<0.01	3.55	100.02
W875946		48.8	9.56	16.20	5.42	15.00	0.86	0.16	0.064	0.35	0.21	<0.01	0.01	0.01	2.51	99.15
W875947		48.7	9.48	16.20	5.40	15.00	0.95	0.28	0.063	0.36	0.21	<0.01	0.01	0.01	1.84	98.50
W875948		46.4	12.60	20.7	6.20	6.56	2.14	0.64	0.031	1.25	0.19	0.15	0.03	0.02	1.10	98.01

Comments: ***** ORIGINALLY FROM WO: TB18302634 MZI *****

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

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

Finalized Date: 17-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310828

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
W875920		0.05	0.02	89.2	3.6	410	1.16	0.50	0.39	0.15	12.4	0.44	<5	0.5	0.12	1.8
W875921		0.03	<0.01	85.0	2.9	450	2.94	0.63	0.35	0.15	11.9	0.35	<5	0.5	0.11	1.4
W875922		0.05	0.03	62.1	2.5	440	1.19	0.55	0.45	0.17	11.0	0.45	<5	0.3	0.15	1.2
W875923		0.11	0.04	50.8	2.5	470	1.34	0.55	0.29	0.18	10.6	0.48	<5	0.3	0.12	1.2
W875925		0.06	0.03	41.3	2.4	460	0.49	0.37	0.42	0.17	10.5	0.34	<5	0.2	0.12	1.2
W875926		0.08	0.04	54.1	2.5	450	1.08	0.47	0.38	0.19	11.2	0.49	<5	0.2	0.14	1.1
W875927		0.04	0.04	51.6	2.9	440	0.74	0.45	0.28	0.19	11.4	0.35	<5	0.3	0.11	1.5
W875928		0.03	0.04	56.8	2.8	440	0.91	0.62	0.27	0.13	12.0	0.43	<5	0.3	0.09	1.3
W875930		0.03	0.03	62.3	2.9	430	1.38	0.50	0.28	0.18	11.4	0.40	<5	0.3	0.12	1.4
W875931		0.09	8.96	119.5	17.1	360	0.71	1.84	0.92	0.84	11.3	1.99	<5	1.6	0.32	7.4
W875932		0.04	0.04	49.9	2.7	440	0.72	0.54	0.33	0.20	11.5	0.26	<5	0.3	0.15	1.3
W875933		0.03	0.03	89.6	4.1	390	0.94	0.49	0.34	0.24	12.4	0.42	<5	0.6	0.19	2.0
W875934		0.04	0.05	52.4	2.8	410	0.88	0.45	0.49	0.21	11.2	0.48	<5	0.3	0.14	1.4
W875936		0.03	0.03	54.0	2.2	400	1.20	0.42	0.40	0.12	11.3	0.38	<5	0.2	0.09	1.1
W875937		0.08	0.03	57.4	2.4	410	1.16	0.44	0.36	0.16	13.2	0.34	<5	0.2	0.11	1.2
W875938		0.04	0.04	64.8	5.7	380	1.56	0.49	0.39	0.21	12.9	0.53	<5	0.3	0.12	2.7
W875939		0.03	0.07	65.1	2.6	420	2.48	0.50	0.37	0.14	12.2	0.32	<5	0.3	0.11	1.3
W875941		0.04	0.03	54.2	2.3	440	1.14	0.43	0.42	0.16	12.6	0.38	<5	0.2	0.11	1.2
W875942		0.04	0.06	50.9	2.5	460	0.85	0.51	0.43	0.13	12.0	0.38	<5	0.2	0.11	1.2
W875943		0.03	0.03	49.3	2.3	460	2.08	0.48	0.41	0.14	11.9	0.43	<5	0.3	0.12	1.2
W875944		0.02	0.01	33.7	2.3	470	2.22	0.49	0.39	0.13	11.8	0.37	<5	0.3	0.11	1.1
W875946		0.02	0.04	49.0	2.0	510	1.99	0.49	0.37	0.13	11.8	0.32	<5	0.3	0.10	1.0
W875947		0.03	0.04	69.4	2.1	500	1.55	0.43	0.36	0.12	11.7	0.37	<5	0.2	0.12	1.0
W875948		0.09	1.79	216	24.6	230	0.91	2.32	1.40	0.98	16.2	2.70	<5	2.0	0.47	11.5

Comments: ***** ORIGINALLY FROM WO: TB18302634 MZI *****

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

Finalized Date: 17-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310828

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
W875920		0.08	0.5	1.8	0.40	10.3	0.42	<1	135.5	0.2	0.04	0.45	0.06	0.21	218	<1
W875921		0.08	0.2	1.4	0.38	17.5	0.35	<1	128.0	0.3	0.10	0.22	0.07	0.51	229	<1
W875922		0.07	0.2	1.4	0.32	7.9	0.42	<1	113.5	0.1	0.05	0.13	0.06	0.15	222	<1
W875923		0.04	0.2	1.3	0.27	7.4	0.33	<1	113.5	0.2	0.07	0.14	0.06	0.06	240	<1
W875925		0.07	0.2	1.2	0.29	2.9	0.35	<1	120.0	0.2	0.05	0.13	0.07	<0.05	228	<1
W875926		0.08	<0.2	1.4	0.30	8.2	0.35	<1	126.5	0.3	0.07	0.10	0.06	<0.05	229	<1
W875927		0.06	0.3	1.2	0.33	4.9	0.42	<1	130.5	0.3	0.06	0.16	0.07	0.05	223	<1
W875928		0.09	0.2	1.3	0.37	3.9	0.50	<1	144.5	0.2	0.05	0.17	0.06	<0.05	228	<1
W875930		0.09	0.2	1.4	0.32	6.9	0.30	<1	116.5	0.2	0.07	0.15	0.06	0.07	228	2
W875931		0.12	4.8	9.5	2.02	10.5	2.42	2	173.0	0.6	0.29	1.04	0.15	0.35	81	2
W875932		0.06	0.3	1.4	0.32	4.3	0.29	<1	128.0	0.2	0.09	0.16	0.08	<0.05	235	1
W875933		0.07	0.4	2.1	0.49	5.8	0.60	<1	192.5	0.2	0.08	0.25	0.05	0.09	212	1
W875934		0.06	0.2	1.3	0.28	4.0	0.39	<1	129.5	0.2	0.07	0.18	0.08	0.06	229	<1
W875936		0.07	0.2	1.2	0.27	5.3	0.29	<1	108.5	0.2	0.07	0.11	0.05	0.06	213	1
W875937		0.07	0.2	1.2	0.30	5.8	0.35	<1	134.0	<0.1	0.08	0.10	0.05	<0.05	220	<1
W875938		0.07	2.5	2.7	0.71	4.8	0.57	<1	145.0	0.1	0.07	0.27	0.05	0.08	205	<1
W875939		0.08	0.6	1.4	0.35	4.4	0.27	<1	133.5	0.1	0.06	0.12	0.06	<0.05	223	<1
W875941		0.07	0.3	1.3	0.30	3.5	0.33	<1	121.5	0.2	0.06	0.11	0.06	<0.05	239	<1
W875942		0.08	0.3	1.3	0.33	3.3	0.34	<1	123.0	<0.1	0.06	0.11	0.06	<0.05	245	<1
W875943		0.08	0.3	1.3	0.32	3.4	0.35	<1	98.5	0.1	0.07	0.11	0.06	<0.05	246	<1
W875944		0.07	0.3	1.2	0.30	2.6	0.30	<1	88.6	0.1	0.07	0.17	0.06	0.05	253	<1
W875946		0.07	0.2	1.1	0.26	3.6	0.29	<1	95.2	0.1	0.06	0.09	0.06	<0.05	275	<1
W875947		0.07	0.2	1.1	0.26	7.4	0.30	<1	101.5	0.1	0.07	0.09	0.05	<0.05	274	1
W875948		0.17	6.7	12.5	3.18	15.5	2.82	3	269	0.5	0.41	1.36	0.20	0.42	112	3

Comments: ***** ORIGINALLY FROM WO: TB18302634 MZI *****

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ALS Canada Ltd.

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

Finalized Date: 17-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310828

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
W875920		3.3	0.42	20	0.4	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.03	<0.5	<0.5	88
W875921		3.4	0.48	19	0.4	0.03	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.08	<0.5	<0.5	100
W875922		3.1	0.46	9	0.3	0.03	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	<0.5	<0.5	98
W875923		3.2	0.47	10	0.4	0.05	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	<0.5	<0.5	98
W875925		3.0	0.55	8	0.2	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	101
W875926		3.3	0.36	8	0.3	0.04	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	<0.5	<0.5	96
W875927		3.4	0.43	11	0.3	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	<0.5	0.6	96
W875928		3.2	0.51	10	0.3	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	95
W875930		3.2	0.39	11	0.5	0.03	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.03	0.5	<0.5	96
W875931		9.6	0.92	61	13.1	0.87	0.142	0.097	0.020	2.61	19.7	4.40	0.15	4.3	2.5	958
W875932		3.3	0.35	11	0.2	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	0.6	101
W875933		3.3	0.39	19	0.3	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	<0.5	<0.5	89
W875934		3.1	0.50	9	0.4	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	<0.5	<0.5	103
W875936		2.8	0.41	7	0.2	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	98
W875937		3.0	0.42	7	0.2	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	<0.5	95
W875938		3.0	0.40	9	0.3	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	0.5	95
W875939		2.9	0.38	11	0.6	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.03	<0.5	<0.5	100
W875941		3.0	0.40	7	0.3	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	0.5	100
W875942		3.1	0.43	8	0.2	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02	<0.5	0.5	102
W875943		3.2	0.52	8	0.3	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02	<0.5	<0.5	101
W875944		3.0	0.43	11	0.5	0.02	<0.005	<0.005	<0.001	<0.05	0.2	0.01	<0.02	<0.5	<0.5	101
W875946		3.0	0.42	7	0.5	0.02	<0.005	<0.005	<0.001	<0.05	0.2	<0.01	<0.02	<0.5	<0.5	102
W875947		3.0	0.42	7	0.5	0.02	<0.005	<0.005	<0.001	<0.05	0.2	0.01	0.02	<0.5	<0.5	104
W875948		12.8	1.11	89	4.3	0.79	0.012	0.061	0.006	0.34	4.9	0.53	0.09	1.9	0.8	117

Comments: ***** ORIGINALLY FROM WO: TB18302634 MZI *****

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

Finalized Date: 17-DEC-2018
Account: MZI

Project: EMB

CERTIFICATE OF ANALYSIS TB18310828

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
W875920		17	10	<1	340	<2	29	87			0.036
W875921		13	20	1	388	<2	23	92			0.043
W875922		17	10	<1	384	<2	25	95			0.043
W875923		16	10	<1	374	<2	26	95			0.042
W875925		18	<10	<1	393	<2	29	97			0.035
W875926		17	10	<1	375	<2	21	92			0.037
W875927		18	10	<1	372	<2	24	94			0.046
W875928		19	<10	<1	371	<2	18	92			0.055
W875930		18	10	<1	379	<2	27	92			0.043
W875931		>10000	10	3	>10000	16	8	136	1.615	4.55	17.50
W875932		29	10	<1	411	3	34	99			0.064
W875933		23	10	<1	358	<2	29	86			0.048
W875934		26	10	<1	404	2	32	99			0.066
W875936		24	10	<1	385	<2	32	92			0.047
W875937		27	10	<1	373	<2	25	94			0.061
W875938		30	10	<1	371	<2	22	93			0.070
W875939		32	10	<1	395	<2	32	98			0.080
W875941		35	10	<1	394	<2	28	99			0.058
W875942		34	10	<1	403	3	27	99			0.084
W875943		37	20	<1	401	<2	32	97			0.065
W875944		27	30	<1	400	2	39	100			0.043
W875946		35	10	<1	407	<2	34	97			0.088
W875947		35	10	<1	407	<2	37	95			0.110
W875948		4540	20	4	4380	21	12	107			4.38

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Finalized Date: 17-DEC-2018
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CERTIFICATE OF ANALYSIS TB18310828

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			