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: 26-JUN-2019
Account: MZI

CERTIFICATE TB19144444

Project: 18-101

P.O. No.: 182449

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
CLAIRE MCGUINNESS	DAVE PECK	LDIM WEBTRIEVE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

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	
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	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 *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19144444

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppb 1	PGM-ICP23 Pd ppb 1	PGM-ICP23 Pt ppb 5	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5	Cu-OG62 Cu ppm 10	Ni-OG62 Ni ppm 10
A0161631		1.29	<1	1	<5	<1	5	<1	13.35	<0.5		
A0161632		0.08	4290	2090	1300	88	83	62	0.27	1.2		
A0161633		2.67	1	41	<5	16	143	37	2.97	<0.5		
A0161634		2.02	2	68	6	40	144	40	3.29	<0.5		
A0161635		3.12	1	42	<5	31	146	40	3.38	<0.5		
A0161636		2.81	2	45	<5	37	156	41	3.39	<0.5		
A0161637		2.39	2	48	<5	31	153	39	3.12	<0.5		
A0161638		2.38	2	54	<5	37	171	44	3.57	<0.5		
A0161639		2.11	3	62	<5	34	166	43	3.63	<0.5		
A0161640		3.28	1	73	<5	19	166	45	3.68	<0.5		
A0161641		2.56	<1	71	<5	22	158	43	3.51	<0.5		
A0161642		2.06	1	72	<5	21	157	43	3.46	<0.5		
A0161643		2.75	<1	79	<5	15	161	44	3.60	<0.5		
A0161644		2.63	<1	86	8	7	182	49	3.98	<0.5		
A0161645		3.08	<1	44	5	9	244	63	5.56	<0.5		
A0161646		2.54	<1	25	<5	8	201	51	4.45	<0.5		
A0161647		2.84	<1	28	<5	10	207	52	4.47	<0.5		
A0161648		2.66	<1	25	<5	13	215	53	4.51	<0.5		
A0161649		2.52	<1	17	<5	14	227	54	4.57	<0.5		
A0161650		2.51	20	225	69	307	354	62	4.89	<0.5		
A0161651		0.07	99	612	301	4490	4260	112	3.95	2.3		
A0161652		2.06	26	120	33	824	656	73	4.80	0.7		
A0161653		2.51	19	127	37	733	719	80	5.11	<0.5		
A0161654		2.83	16	185	54	450	548	73	5.53	0.6		
A0161655		1.61	17	142	46	415	568	156	4.61	<0.5		
A0161656		2.15	4	24	18	168	218	70	5.71	<0.5		
A0161657		2.32	5	13	6	307	230	84	5.80	<0.5		
A0161658		2.57	7	20	12	296	265	115	5.13	<0.5		
A0161659		2.31	6	15	6	399	313	114	4.41	<0.5		
A0161660		2.39	35	71	39	835	644	92	4.94	0.6		
A0161661		2.36	14	28	12	700	437	99	5.37	0.9		
A0161662		2.37	12	29	15	424	275	110	6.75	0.7		
A0161663		2.18	4	28	20	261	182	76	5.67	0.7		
A0161664		2.48	8	29	17	480	251	98	5.91	<0.5		
A0161665		2.20	16	35	13	662	298	104	5.64	0.5		
A0161666		2.38	16	50	16	759	466	94	4.16	<0.5		
A0161667		2.30	10	32	19	455	340	81	5.57	1.0		
A0161668		2.21	<1	13	<5	24	164	50	3.89	<0.5		
A0161669		2.34	<1	24	<5	26	172	50	3.85	<0.5		
A0161670		2.27	<1	29	<5	37	166	49	3.77	<0.5		

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Finalized Date: 26-JUN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19144444

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppb 1	PGM-ICP23 Pd ppb 1	PGM-ICP23 Pt ppb 5	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5	Cu-OG62 Cu ppm 10	Ni-OG62 Ni ppm 10
A0161671		1.67	<1	1	<5	<1	5	<1	13.00	<0.5		
A0161672		2.16	1	29	<5	27	160	44	3.38	<0.5		
A0161673		2.24	1	26	<5	27	161	46	3.50	<0.5		
A0161674		2.22	1	24	<5	25	156	45	3.40	<0.5		
A0161675		2.31	1	28	<5	27	143	42	3.14	0.5		
A0161676		2.30	2	35	<5	31	144	42	3.02	<0.5		
A0161677		2.29	2	27	5	63	321	58	6.19	<0.5		
A0161678		2.25	1	37	<5	44	153	41	3.14	<0.5		
A0161679		2.37	1	29	<5	51	271	54	5.39	0.5		
A0161680		2.20	2	46	<5	38	162	41	3.10	<0.5		
A0161681		2.10	2	31	<5	41	156	42	3.37	<0.5		
A0161682		2.10	1	33	5	31	166	43	3.24	<0.5		
A0161683		2.03	1	30	<5	24	179	47	3.52	<0.5		
A0161684		2.09	1	32	6	33	199	54	4.20	<0.5		
A0161685		2.61	3	34	23	75	498	122	6.38	0.5		
A0161686		2.43	10	10	11	379	311	132	5.32	0.5		
A0161687		2.32	9	14	14	204	221	71	5.41	<0.5		
A0161688		2.62	10	12	9	374	252	122	4.00	<0.5		
A0161689		2.76	7	7	6	246	223	139	4.64	<0.5		
A0161690		2.39	8	20	10	361	236	107	5.32	0.5		
A0161691		0.08	223	3370	797	>10000	>10000	979	3.94	3.9	15700	44800
A0161692		2.20	26	32	15	825	483	141	4.17	0.7		
A0161693		2.45	19	18	9	780	484	153	4.15	<0.5		
A0161694		2.30	18	22	10	805	479	120	3.63	0.5		
A0161695		2.17	19	27	12	897	530	132	4.58	0.5		
A0161696		2.28	23	27	13	982	551	129	5.12	0.5		
A0161697		2.28	24	28	13	971	524	126	4.89	0.5		
A0161698		2.28	26	30	14	1005	546	122	4.33	<0.5		
A0161699		2.39	22	27	15	917	541	128	5.12	0.6		
A0161700		2.21	23	40	19	818	523	124	5.64	0.5		
A0161701		2.29	25	46	20	819	490	100	4.26	0.6		
A0161702		2.26	33	77	26	935	571	108	4.41	0.7		
A0161703		2.19	44	80	30	1215	689	117	4.46	0.8		
A0161704		2.21	44	80	32	1155	679	113	4.34	0.7		
A0161705		2.18	49	88	34	1165	692	111	4.33	0.5		
A0161706		2.22	52	95	39	1200	713	116	4.75	0.6		
A0161707		2.15	48	74	34	1225	722	122	5.31	0.9		
A0161708		0.07	67	613	325	4550	4430	118	4.00	2.1		

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	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-ICP61	ME-OG62	Ni-OG62
	PGM-ICP23			