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: 15-FEB-2019
Account: MZI

CERTIFICATE TB19028318

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 4-FEB-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER 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 TB19028318

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
A0125625		2.14	<1	<1	<5	<1	<1	<1	14.25	<0.5		
A0125626		0.08	4270	2000	1280	81	85	62	0.26	0.8		
A0125627		2.00	7	166	<5	738	214	59	3.82	<0.5		
A0125628		2.32	2	53	<5	424	140	57	4.17	<0.5		
A0125629		2.39	16	821	58	721	433	56	3.66	<0.5		
A0125630		2.35	5	220	13	269	195	45	3.97	<0.5		
A0125631		2.38	11	98	9	223	221	59	4.39	<0.5		
A0125632		2.19	18	178	10	205	201	47	4.33	<0.5		
A0125633		2.14	3	48	<5	132	152	48	4.22	<0.5		
A0125634		2.29	7	23	<5	185	157	45	4.26	<0.5		
A0125635		2.21	6	41	<5	127	179	45	4.32	<0.5		
A0125636		2.24	4	499	42	113	226	46	4.32	<0.5		
A0125637		2.13	7	323	31	142	185	41	4.36	<0.5		
A0125638		1.98	1	7	<5	108	116	45	4.46	<0.5		
A0125639		1.47	16	66	<5	346	55	15	0.29	<0.5		
A0125640		2.42	3	221	18	156	212	43	3.61	<0.5		
A0125641		2.67	<1	1	<5	70	131	39	4.08	<0.5		
A0125642		2.66	5	118	9	171	202	49	4.50	0.8		
A0125643		2.26	6	375	27	242	235	46	3.67	<0.5		
A0125644		2.20	5	201	16	315	190	46	4.13	<0.5		
A0125645		0.07	96	591	295	4420	4310	112	3.96	1.7		
A0125646		2.35	4	176	14	263	197	46	4.12	<0.5		
A0125647		2.32	7	378	35	310	324	48	4.14	<0.5		
A0125648		2.22	2	18	<5	250	100	39	3.51	<0.5		
A0125649		2.14	<1	15	<5	235	118	47	3.88	<0.5		
A0125650		2.26	4	96	7	178	163	47	4.03	<0.5		
A0125651		2.22	<1	44	<5	124	127	47	3.99	<0.5		
A0125652		2.27	<1	11	<5	174	98	48	3.73	<0.5		
A0125653		2.24	<1	14	<5	172	92	41	3.94	<0.5		
A0125654		2.14	2	33	<5	205	130	44	3.58	<0.5		
A0125655		2.33	4	130	<5	376	284	64	4.07	<0.5		
A0125656		2.18	7	132	6	443	275	67	4.60	<0.5		
A0125657		2.25	21	1700	131	708	1480	147	3.54	<0.5		
A0125658		2.35	3	89	5	307	282	52	4.26	<0.5		
A0125659		2.12	8	127	5	192	183	47	4.44	<0.5		
A0125660		2.11	<1	4	<5	52	105	45	4.27	<0.5		
A0125661		2.10	<1	41	<5	60	114	42	3.99	<0.5		
A0125662		2.18	2	11	<5	94	152	44	3.95	<0.5		
A0125663		2.14	2	9	<5	190	205	49	3.94	<0.5		
A0125664		2.40	1	1	<5	91	145	44	3.89	<0.5		

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Finalized Date: 15-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19028318

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
A0125665		1.95	1	<1	<5	1	<1	<1	13.25	<0.5		
A0125666		2.25	3	2	<5	163	206	50	4.42	<0.5		
A0125667		2.30	2	<1	<5	152	168	53	4.39	<0.5		
A0125668		2.18	1	2	<5	118	145	46	4.31	<0.5		
A0125669		2.25	12	74	7	195	180	47	4.26	<0.5		
A0125670		2.17	11	237	22	259	289	51	4.37	<0.5		
A0125671		2.11	12	220	14	239	284	51	4.62	<0.5		
A0125672		1.86	4	10	<5	144	121	30	2.62	<0.5		
A0125673		1.66	44	616	40	383	505	53	4.51	<0.5		
A0125674		2.03	146	2120	136	917	1385	68	4.56	<0.5		
A0125675		2.22	233	2060	174	1280	1365	63	4.50	<0.5		
A0125676		2.08	5	8	<5	106	313	47	4.86	<0.5		
A0125677		2.41	14	158	11	152	239	30	2.91	<0.5		
A0125678		2.16	6	2	<5	94	314	63	7.25	<0.5		
A0125679		2.36	4	2	<5	115	313	65	6.86	<0.5		
A0125680		2.22	4	1	<5	95	335	65	7.43	<0.5		
A0125681		2.29	10	260	16	179	431	68	6.77	<0.5		
A0125682		2.15	6	57	<5	202	427	68	7.79	<0.5		
A0125683		1.50	5	216	16	162	525	77	8.34	<0.5		
A0125684		1.88	4	154	11	125	485	75	8.68	<0.5		
A0125685		0.08	264	3430	829	>10000	>10000	957	3.98	4.0	15950	46500
A0125686		1.59	<1	5	<5	95	58	11	0.73	<0.5		
A0125687		1.75	1	3	<5	69	193	34	3.49	<0.5		
A0125688		2.09	1	2	<5	118	215	48	4.54	<0.5		
A0125689		1.96	1	1	<5	84	230	47	4.65	<0.5		
A0125690		2.43	3	6	<5	186	277	50	4.77	<0.5		
A0125691		2.52	10	34	<5	85	85	39	2.42	<0.5		
A0125692		2.12	1	309	23	80	218	43	3.74	<0.5		
A0125693		2.30	5	211	13	106	225	48	5.31	<0.5		
A0125694		2.56	5	2	<5	90	198	47	5.08	<0.5		
A0125695		2.31	5	1	<5	103	189	42	4.54	<0.5		
A0125696		2.35	7	17	<5	215	313	53	5.11	<0.5		
A0125697		2.27	9	108	5	242	390	57	5.15	<0.5		
A0125698		2.24	40	281	44	575	685	64	4.99	<0.5		
A0125699		2.30	34	176	11	381	453	50	4.73	<0.5		
A0125700		2.36	63	294	20	605	636	59	5.25	<0.5		
A0125701		2.34	73	478	31	489	718	57	4.86	<0.5		
A0125702		0.08	63	581	311	4660	4550	120	4.15	2.0		

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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			