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: 3-AUG-2019
Account: MZI

CERTIFICATE TB19172675

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 15-JUL-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 TB19172675

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
A0162645		1.45	<1	<1	<5	3	4	<1	13.35	<0.5		
A0162646		0.07	4790	2030	1300	85	84	61	0.25	0.8		
A0162647		2.29	22	208	53	175	291	39	4.15	<0.5		
A0162648		2.20	18	171	47	172	279	34	3.69	<0.5		
A0162649		2.52	6	61	34	78	233	32	3.91	<0.5		
A0162650		2.08	26	153	40	279	362	39	4.53	<0.5		
A0162651		2.50	43	290	52	351	438	43	4.45	<0.5		
A0162652		1.94	27	313	59	369	401	40	4.38	<0.5		
A0162653		3.02	33	152	39	296	440	47	4.90	<0.5		
A0162654		2.30	47	252	61	545	570	57	4.90	<0.5		
A0162655		2.10	101	499	81	982	790	63	4.59	0.5		
A0162656		2.16	36	137	31	355	389	51	4.82	<0.5		
A0162657		2.80	43	247	63	477	417	46	4.07	<0.5		
A0162658		2.05	16	104	28	205	303	46	4.64	<0.5		
A0162659		2.50	18	71	13	345	287	46	4.79	<0.5		
A0162660		2.29	10	77	14	185	278	52	5.11	<0.5		
A0162661		2.17	14	115	15	180	285	49	4.77	<0.5		
A0162662		2.00	16	91	12	236	248	39	3.42	<0.5		
A0162663		2.70	6	28	8	148	252	49	4.83	<0.5		
A0162664		2.42	5	39	7	185	300	52	5.17	<0.5		
A0162665		0.07	72	623	317	4530	4460	111	3.99	2.0		
A0162666		2.65	7	49	<5	212	334	49	5.12	<0.5		
A0162667		2.17	22	123	28	254	418	50	5.29	<0.5		
A0162668		2.45	65	354	81	503	590	53	5.06	<0.5		
A0162669		2.45	9	28	5	201	321	48	5.18	<0.5		
A0162670		2.35	9	25	8	160	307	50	5.42	<0.5		
A0162671		2.39	14	118	16	225	320	48	5.42	<0.5		
A0162672		2.46	9	61	9	211	337	50	5.50	<0.5		
A0162673		2.36	15	38	10	219	338	48	5.35	<0.5		
A0162674		2.42	22	332	36	360	408	64	5.32	<0.5		
A0162675		2.32	13	117	13	199	334	49	5.22	<0.5		
A0162676		2.23	9	115	11	178	222	54	5.23	<0.5		
A0162677		2.16	11	261	17	198	197	21	1.68	<0.5		
A0162678		2.18	15	82	11	318	252	49	3.74	<0.5		
A0162679		1.66	29	191	26	575	521	60	4.77	<0.5		
A0162680		2.86	62	393	31	446	464	51	4.35	<0.5		
A0162681		1.56	13	43	5	287	287	46	4.44	<0.5		
A0162682		3.21	24	256	22	340	368	52	5.30	<0.5		
A0162683		2.35	39	166	17	508	466	52	5.09	0.5		
A0162684		2.24	32	177	13	492	470	52	5.29	0.6		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19172675

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
A0162685		1.84	<1	1	<5	1	1	<1	13.15	<0.5		
A0162686		2.05	18	38	<5	306	290	48	4.84	<0.5		
A0162687		2.05	14	26	<5	363	273	50	4.50	<0.5		
A0162688		2.02	12	18	7	328	337	51	4.84	<0.5		
A0162689		2.12	14	96	16	246	293	46	4.72	<0.5		
A0162690		2.17	20	84	14	285	327	47	4.86	<0.5		
A0162691		2.03	29	158	20	398	439	48	5.00	<0.5		
A0162692		2.04	90	464	50	631	641	52	4.90	<0.5		
A0162693		2.05	19	110	14	245	368	39	4.12	<0.5		
A0162694		1.97	21	100	12	300	390	49	5.12	<0.5		
A0162695		2.00	117	2350	187	1070	1180	65	4.91	0.8		
A0162696		2.09	12	68	12	185	293	49	5.15	<0.5		
A0162697		2.05	6	57	11	158	273	46	4.91	<0.5		
A0162698		1.36	8	58	12	141	250	44	4.57	<0.5		
A0162699		1.26	7	17	<5	119	78	15	1.24	<0.5		
A0162700		1.32	7	47	<5	235	115	21	1.77	<0.5		
A0162701		1.99	9	30	<5	373	253	40	2.90	<0.5		
A0162702		1.93	51	630	68	1660	983	52	0.82	1.6		
A0162703		1.90	34	363	30	724	365	30	1.03	0.7		
A0162704		1.04	6	71	8	183	132	28	2.41	<0.5		
A0162705		0.08	251	3410	805	>10000	>10000	915	3.78	4.0	16150	43800
A0162706		1.14	1	18	5	58	130	25	2.21	<0.5		
A0162707		1.72	4	38	8	84	244	45	5.08	<0.5		
A0162708		2.07	7	75	13	111	253	45	4.96	<0.5		
A0162709		1.91	9	75	10	125	284	49	5.21	<0.5		
A0162710		2.05	24	290	28	363	383	52	5.36	<0.5		
A0162711		2.07	19	186	18	341	391	51	5.48	<0.5		
A0162712		2.00	21	129	21	164	344	48	5.44	<0.5		
A0162713		1.98	18	126	24	198	373	50	5.45	<0.5		
A0162714		2.01	23	122	31	298	413	51	4.96	<0.5		
A0162715		2.11	25	108	18	334	340	48	5.36	<0.5		
A0162716		2.12	91	621	86	846	791	65	5.42	0.6		
A0162717		2.06	64	905	81	654	755	59	5.34	<0.5		
A0162718		2.03	45	248	44	418	404	49	5.07	<0.5		
A0162719		2.06	38	348	47	500	451	51	4.97	<0.5		
A0162720		1.96	63	369	56	616	477	49	4.53	<0.5		
A0162721		1.99	28	565	23	380	321	46	4.67	<0.5		
A0162722		0.07	87	612	291	4560	4410	113	3.93	2.3		

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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			