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: 14-MAY-2019
Account: MZI

CERTIFICATE TB19104852

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 2-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
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 TB19104852

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
A0147809		1.72	<1	<1	<5	2	1	1	12.70	<0.5		
A0147810		0.07	4630	2030	1320	88	84	63	0.26	1.3		
A0147811		2.30	10	88	8	374	242	53	4.44	<0.5		
A0147812		2.26	5	66	15	183	249	42	4.54	<0.5		
A0147813		2.21	11	46	9	194	276	51	4.95	<0.5		
A0147814		2.25	12	69	12	206	388	48	4.85	<0.5		
A0147815		2.34	60	1720	254	766	1200	69	4.95	0.7		
A0147816		2.25	24	306	34	375	430	49	5.08	<0.5		
A0147817		1.80	5	42	10	127	284	47	5.20	<0.5		
A0147818		1.83	95	3720	267	1020	>10000	97	4.91	1.5		9510
A0147819		2.38	10	128	11	302	316	53	4.84	<0.5		
A0147820		1.66	100	1480	127	744	854	58	5.10	<0.5		
A0147821		1.59	26	809	68	303	677	57	5.21	<0.5		
A0147822		2.22	31	385	26	495	468	51	5.06	<0.5		
A0147823		2.24	31	637	66	672	660	60	5.11	<0.5		
A0147824		2.13	13	654	46	419	542	44	4.27	<0.5		
A0147825		2.23	149	3340	146	941	1115	65	5.10	0.5		
A0147826		1.79	69	3330	188	776	1090	62	5.07	0.7		
A0147827		2.08	155	4520	339	1530	1535	72	4.79	0.7		
A0147828		2.30	114	1880	122	643	764	53	5.36	<0.5		
A0147829		0.07	96	603	293	4530	4340	113	3.96	2.1		
A0147830		2.32	13	263	14	596	359	41	5.26	<0.5		
A0147831		2.28	26	1510	102	601	622	63	5.60	<0.5		
A0147832		2.33	64	1920	101	705	696	53	4.68	<0.5		
A0147833		2.42	14	60	7	288	248	45	4.44	<0.5		
A0147834		2.31	135	1320	92	747	691	51	4.32	<0.5		
A0147835		2.33	57	5190	295	1560	2180	91	4.04	0.5		
A0147836		2.22	22	1700	162	1050	859	59	3.42	<0.5		
A0147837		2.21	29	2050	112	844	828	64	4.52	<0.5		
A0147838		3.09	17	770	52	475	436	33	3.91	<0.5		
A0147839		2.20	47	973	72	489	347	14	0.80	<0.5		
A0147840		2.11	7	346	27	145	144	25	1.48	<0.5		
A0147841		1.81	2	76	8	5	296	59	7.30	1.0		
A0147842		2.52	<1	6	<5	8	260	53	8.03	<0.5		
A0147843		1.79	<1	33	<5	12	410	51	8.52	<0.5		
A0147844		2.57	7	682	98	1600	624	65	5.87	<0.5		
A0147845		2.13	1	69	8	40	337	45	5.69	<0.5		
A0147846		2.19	3	19	<5	41	298	43	5.23	<0.5		
A0147847		2.22	<1	48	5	70	355	49	5.94	<0.5		
A0147848		2.33	<1	48	8	129	358	47	5.70	<0.5		

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Finalized Date: 14-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19104852

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
A0147849		1.99	<1	<1	<5	1	4	<1	12.70	<0.5		
A0147850		2.15	1	8	<5	57	288	43	5.21	<0.5		
A0147851		2.28	4	334	38	415	436	56	5.37	<0.5		
A0147852		2.31	<1	3	<5	97	290	46	5.47	<0.5		
A0147853		2.11	2	47	7	185	293	47	5.24	<0.5		
A0147854		2.28	1	3	<5	106	276	43	5.38	<0.5		
A0147855		2.33	1	155	6	325	339	51	5.42	<0.5		
A0147856		2.20	4	55	5	230	313	45	5.08	<0.5		
A0147857		2.34	2	67	8	132	312	47	5.22	<0.5		
A0147858		2.29	11	556	53	842	825	160	4.42	<0.5		
A0147859		2.32	3	31	<5	137	257	48	5.10	<0.5		
A0147860		2.31	<1	64	8	194	275	54	5.15	<0.5		
A0147861		2.34	<1	2	<5	122	184	54	5.12	<0.5		
A0147862		2.37	1	28	<5	112	202	52	4.95	<0.5		
A0147863		2.17	4	32	<5	152	226	57	5.22	<0.5		
A0147864		2.39	9	607	73	305	441	70	5.24	<0.5		
A0147865		2.26	1	1	<5	91	183	50	5.06	<0.5		
A0147866		2.16	2	45	<5	112	224	52	5.12	<0.5		
A0147867		2.19	3	43	6	125	216	49	4.84	<0.5		
A0147868		1.95	6	110	<5	208	293	58	4.99	<0.5		
A0147869		0.08	219	3350	778	>10000	>10000	982	4.07	4.4	16250	47600
A0147870		1.97	5	50	<5	161	254	54	4.88	<0.5		
A0147871		1.95	9	97	12	220	269	55	4.66	<0.5		
A0147872		2.13	8	67	7	179	217	55	4.91	<0.5		
A0147873		2.08	5	84	8	134	177	44	4.00	<0.5		
A0147874		1.99	4	74	<5	230	349	59	5.13	<0.5		
A0147875		2.03	16	466	31	271	415	52	4.98	<0.5		
A0147876		2.02	9	202	21	264	357	50	5.16	<0.5		
A0147877		1.96	37	614	105	510	492	57	4.97	0.7		
A0147878		2.01	31	342	32	323	396	51	5.19	<0.5		
A0147879		2.01	158	3940	413	1580	2900	228	4.62	0.9		
A0147880		2.04	21	106	14	515	536	66	6.04	<0.5		
A0147881		2.01	6	630	118	122	411	49	4.97	<0.5		
A0147882		2.07	4	16	<5	202	339	49	5.17	<0.5		
A0147883		2.02	1	86	5	111	287	48	5.31	<0.5		
A0147884		1.98	7	197	14	281	361	52	5.44	<0.5		
A0147885		2.21	8	60	6	169	338	47	5.37	<0.5		
A0147886		0.07	72	622	329	4560	4370	113	3.93	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			