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: 23-APR-2019
Account: MZI

CERTIFICATE TB19089392

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-APR-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 TB19089392

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
A0129759		1.49	<1	<1	<5	2	1	<1	13.15	<0.5		
A0129760		0.08	4540	2040	1320	90	86	63	0.26	0.8		
A0129761		2.01	4	148	23	83	252	66	5.83	<0.5		
A0129762		2.16	1	163	22	75	216	61	5.12	<0.5		
A0129763		2.28	2	216	36	65	193	53	4.79	<0.5		
A0129764		2.35	2	157	21	78	208	57	4.68	<0.5		
A0129765		2.25	1	191	27	56	198	62	5.06	<0.5		
A0129766		2.26	14	149	30	565	441	77	5.38	<0.5		
A0129767		2.31	6	59	35	310	242	89	7.37	<0.5		
A0129768		2.37	8	40	34	333	217	85	6.67	<0.5		
A0129769		2.25	11	53	39	421	281	100	7.41	<0.5		
A0129770		2.12	12	53	34	627	352	116	8.22	<0.5		
A0129771		2.47	3	38	31	279	200	87	7.85	<0.5		
A0129772		2.34	4	33	29	268	211	88	7.85	0.5		
A0129773		2.39	2	36	31	181	187	77	7.00	<0.5		
A0129774		2.31	4	31	23	241	209	74	6.71	<0.5		
A0129775		2.12	2	32	28	188	194	67	6.85	<0.5		
A0129776		2.31	3	34	30	287	228	64	6.73	<0.5		
A0129777		2.32	2	38	32	351	247	69	6.82	<0.5		
A0129778		2.26	3	29	24	299	229	84	8.01	<0.5		
A0129779		0.07	106	602	327	4540	4340	112	3.87	1.8		
A0129780		2.12	4	36	30	307	241	90	8.60	<0.5		
A0129781		2.31	1	44	18	105	208	54	5.17	<0.5		
A0129782		2.25	3	137	24	73	265	60	5.15	<0.5		
A0129783		2.47	3	149	24	64	272	61	5.67	<0.5		
A0129784		1.82	10	314	60	228	296	47	3.48	<0.5		
A0129785		1.72	8	163	29	190	208	40	3.09	<0.5		
A0129786		1.64	4	13	<5	140	79	25	2.04	<0.5		
A0129787		2.06	<1	54	11	74	77	23	1.75	<0.5		
A0129788		2.00	7	306	55	111	166	32	2.56	<0.5		
A0129789		1.92	3	176	37	86	173	35	3.00	<0.5		
A0129790		2.11	3	53	14	115	142	32	2.71	<0.5		
A0129791		1.95	<1	6	<5	40	69	15	1.26	<0.5		
A0129792		2.19	4	9	<5	168	103	33	2.13	<0.5		
A0129793		2.18	1	13	5	48	104	32	2.86	<0.5		
A0129794		2.31	6	166	29	145	177	45	3.75	<0.5		
A0129795		2.28	8	205	37	275	264	46	3.64	<0.5		
A0129796		2.24	<1	19	5	61	126	34	3.09	<0.5		
A0129797		2.31	3	99	16	83	164	40	3.50	<0.5		
A0129798		2.22	7	243	42	113	223	43	3.94	<0.5		

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Finalized Date: 23-APR-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19089392

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
A0129799		1.48	3	<1	<5	1	1	1	13.60	<0.5		
A0129800		2.15	<1	17	<5	32	124	31	2.79	<0.5		
A0129801		2.08	2	16	<5	41	117	30	2.76	<0.5		
A0129802		2.13	5	317	46	46	233	37	3.21	<0.5		
A0129803		2.27	17	319	44	246	306	47	3.65	<0.5		
A0129804		2.25	7	75	13	165	230	44	3.97	<0.5		
A0129805		2.08	17	234	34	260	283	44	4.41	<0.5		
A0129806		1.90	40	876	157	495	597	55	4.60	1.0		
A0129807		2.15	25	330	60	350	297	53	5.16	<0.5		
A0129808		2.12	8	41	7	165	154	46	5.14	<0.5		
A0129809		2.17	31	385	65	427	357	52	5.15	<0.5		
A0129810		2.12	21	569	92	299	318	56	4.96	<0.5		
A0129811		2.18	14	504	68	219	279	58	5.23	<0.5		
A0129812		2.24	9	281	38	188	216	53	4.89	<0.5		
A0129813		2.23	22	234	37	311	273	48	4.94	<0.5		
A0129814		2.47	96	1040	147	918	779	68	5.67	<0.5		
A0129815		2.19	8	45	6	176	221	51	5.51	<0.5		
A0129816		2.38	31	543	79	483	454	52	5.17	<0.5		
A0129817		2.61	139	1920	289	1160	1150	59	3.72	<0.5		
A0129818		1.69	309	3670	569	2260	1810	90	4.99	1.2		
A0129819		0.08	238	3390	785	>10000	>10000	956	3.81	4.1	15700	44100
A0129820		2.26	313	4770	694	1840	1900	109	6.35	0.7		
A0129821		2.32	126	1440	188	747	843	113	9.02	<0.5		
A0129822		2.23	72	734	121	843	828	120	9.23	<0.5		
A0129823		2.24	13	121	22	167	392	99	9.34	<0.5		
A0129824		2.27	2	21	5	61	308	94	9.13	<0.5		
A0129825		2.24	2	21	<5	67	302	94	9.00	<0.5		
A0129826		2.07	3	25	6	85	304	95	9.08	<0.5		
A0129827		1.97	1	20	5	57	280	92	9.01	<0.5		
A0129828		2.56	2	2	<5	89	28	9	0.53	<0.5		
A0129829		1.28	<1	23	<5	91	293	88	8.93	<0.5		
A0129830		2.03	1	20	<5	76	314	97	9.63	<0.5		
A0129831		2.42	1	19	<5	75	290	94	9.25	<0.5		
A0129832		2.51	3	32	9	118	302	90	8.85	<0.5		
A0129833		2.56	5	61	12	162	342	97	9.39	<0.5		
A0129834		2.51	5	32	8	117	339	90	8.97	<0.5		
A0129835		1.81	3	25	6	68	319	92	9.00	<0.5		
A0129836		0.07	55	611	307	4570	4370	113	3.85	1.7		

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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			