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: 10-APR-2019
Account: MZI

CERTIFICATE TB19073688

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 28-MAR-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 TB19073688

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
A0127809		1.80	<1	1	<5	<1	<1	1	13.15	<0.5		
A0127810		0.08	4460	2070	1300	87	83	64	0.26	0.8		
A0127811		1.86	34	280	48	261	524	90	9.12	<0.5		
A0127812		2.18	33	319	55	308	534	90	8.62	<0.5		
A0127813		2.78	27	187	30	240	424	61	6.10	<0.5		
A0127814		1.86	37	286	49	347	510	74	6.85	<0.5		
A0127815		2.22	26	176	32	217	452	83	8.03	<0.5		
A0127816		2.18	42	386	62	317	559	95	9.20	<0.5		
A0127817		2.38	26	262	41	233	431	74	6.81	<0.5		
A0127818		2.07	80	381	70	278	502	82	7.61	<0.5		
A0127819		2.09	32	320	56	251	537	98	9.33	<0.5		
A0127820		2.47	18	198	43	165	403	75	7.05	<0.5		
A0127821		2.34	22	212	39	185	439	82	7.86	<0.5		
A0127822		2.31	34	234	44	197	529	103	9.83	<0.5		
A0127823		1.20	33	270	49	224	539	103	9.90	<0.5		
A0127824		2.01	32	276	51	230	535	102	9.95	<0.5		
A0127825		1.70	26	214	43	189	519	104	9.98	<0.5		
A0127826		2.01	11	136	24	177	434	92	8.75	<0.5		
A0127827		2.27	12	127	18	313	372	47	3.05	<0.5		
A0127828		2.17	33	168	29	815	501	80	4.53	0.5		
A0127829		0.07	142	614	276	4540	4390	115	4.01	2.1		
A0127830		2.28	30	59	19	830	558	82	5.57	0.5		
A0127831		2.54	23	42	20	727	577	84	7.20	0.5		
A0127832		2.04	7	35	10	253	330	60	5.02	<0.5		
A0127833		2.09	1	76	<5	33	141	37	3.15	<0.5		
A0127834		2.22	<1	92	7	17	133	38	3.11	<0.5		
A0127835		2.25	<1	88	5	16	124	35	2.85	<0.5		
A0127836		2.35	1	90	8	36	116	34	2.84	<0.5		
A0127837		2.28	3	77	14	65	119	37	2.92	<0.5		
A0127838		2.30	3	77	13	54	149	45	3.62	<0.5		
A0127839		2.32	2	67	14	52	148	45	3.60	<0.5		
A0127840		2.29	3	64	10	69	140	44	3.46	<0.5		
A0127841		2.18	1	61	9	32	129	42	3.07	<0.5		
A0127842		2.08	1	62	9	21	126	41	3.06	<0.5		
A0127843		2.11	1	62	6	40	118	38	2.85	<0.5		
A0127844		2.25	1	60	5	31	116	36	2.61	<0.5		
A0127845		2.18	2	75	14	36	134	44	3.26	<0.5		
A0127846		2.27	1	74	11	27	130	40	2.96	<0.5		
A0127847		2.25	2	67	13	62	139	43	3.22	<0.5		
A0127848		2.29	1	74	19	21	135	40	3.11	<0.5		

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CERTIFICATE OF ANALYSIS TB19073688

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
A0127849		1.83	<1	1	<5	<1	3	1	13.10	<0.5		
A0127850		2.04	1	86	20	25	136	43	3.13	<0.5		
A0127851		2.07	3	92	24	64	133	43	3.11	<0.5		
A0127852		2.16	5	99	20	91	133	43	3.01	<0.5		
A0127853		2.19	<1	56	11	19	121	40	2.99	<0.5		
A0127854		2.05	<1	100	17	19	129	43	3.23	<0.5		
A0127855		2.15	1	73	11	32	126	43	3.10	<0.5		
A0127856		2.07	<1	83	16	24	121	40	2.86	<0.5		
A0127857		2.08	1	77	14	37	126	43	3.07	<0.5		
A0127858		2.16	1	76	23	31	126	43	3.11	<0.5		
A0127859		2.15	1	72	20	37	123	41	2.95	<0.5		
A0127860		1.97	1	69	22	35	137	44	3.37	<0.5		
A0127861		2.16	1	67	18	41	153	48	3.50	<0.5		
A0127862		2.04	3	74	12	67	163	52	3.82	<0.5		
A0127863		2.22	2	61	11	44	137	42	3.04	<0.5		
A0127864		2.02	1	53	8	25	131	39	2.89	0.5		
A0127865		2.50	2	67	12	40	159	48	3.40	<0.5		
A0127866		2.14	1	71	15	42	147	46	3.44	<0.5		
A0127867		1.89	1	34	<5	31	161	45	3.27	<0.5		
A0127868		2.33	3	36	6	77	232	59	4.73	<0.5		
A0127869		0.08	288	3440	804	>10000	>10000	979	3.98	4.6	16100	47000
A0127870		2.25	4	65	10	97	275	56	4.35	<0.5		
A0127871		2.11	37	114	30	936	641	71	4.28	0.7		
A0127872		2.05	35	161	55	784	528	73	4.20	<0.5		
A0127873		2.21	41	377	90	703	464	72	4.37	0.5		
A0127874		1.98	23	84	17	202	220	57	4.37	<0.5		
A0127875		2.11	11	82	13	176	235	51	4.09	<0.5		
A0127876		2.64	12	12	9	346	301	106	6.07	<0.5		
A0127877		2.16	12	16	8	321	222	92	5.56	<0.5		
A0127878		2.60	8	26	21	176	199	56	5.51	<0.5		
A0127879		2.67	8	11	5	315	291	128	3.92	<0.5		
A0127880		2.90	2	5	<5	134	272	183	2.08	<0.5		
A0127881		2.01	5	20	14	232	210	98	5.34	<0.5		
A0127882		1.99	9	19	12	383	250	100	4.84	<0.5		
A0127883		2.21	9	27	21	274	165	75	5.14	<0.5		
A0127884		2.29	7	25	19	376	169	72	5.05	<0.5		
A0127885		2.17	21	21	13	821	286	95	4.43	0.5		
A0127886		0.06	66	582	299	4560	4290	113	3.78	2.2		

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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			