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: 24-FEB-2019
Account: MZI

CERTIFICATE TB19034201

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 11-FEB-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 TB19034201

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
A0126093		2.00	<1	1	<5	3	3	<1	13.70	<0.5		
A0126094		0.08	4580	2030	1320	90	88	67	0.27	0.7		
A0126095		2.39	161	2260	199	666	935	49	4.58	<0.5		
A0126096		2.63	364	3280	300	1390	1630	77	5.88	0.6		
A0126097		2.06	431	3680	302	1630	1730	83	5.50	0.6		
A0126098		2.75	174	1710	190	907	945	56	5.38	<0.5		
A0126099		2.28	404	1690	280	1100	892	51	4.38	0.5		
A0126100		2.32	422	5000	1200	911	756	42	4.19	0.5		
A0126101		2.46	552	6020	1060	1520	1740	69	5.07	0.7		
A0126102		2.71	404	3790	425	1550	1670	69	6.29	0.6		
A0126103		2.50	368	2670	206	983	1310	67	6.54	0.5		
A0126104		2.47	103	2960	248	668	1220	60	6.30	<0.5		
A0126105		2.52	125	2020	215	570	1030	54	5.92	<0.5		
A0126106		2.31	313	3260	392	1530	1600	74	6.30	0.5		
A0126107		2.37	155	3220	255	891	1330	62	5.44	<0.5		
A0126108		2.47	70	1200	163	476	672	39	3.91	<0.5		
A0126109		2.22	179	891	139	512	594	43	4.48	<0.5		
A0126110		2.42	129	1580	190	700	997	57	5.99	0.5		
A0126111		2.48	133	1490	135	543	947	58	6.07	<0.5		
A0126112		2.51	126	1360	150	468	765	55	6.95	<0.5		
A0126113		0.08	66	609	300	4330	4230	109	3.85	2.8		
A0126114		2.48	507	3120	260	1255	1375	67	5.56	0.6		
A0126115		2.44	1280	4150	331	1695	1920	99	7.42	0.7		
A0126116		2.58	1000	6730	456	2980	2660	117	5.84	1.3		
A0126117		2.53	813	6660	504	3060	2620	109	4.89	1.3		
A0126118		2.40	102	1820	169	1160	815	56	5.30	0.7		
A0126119		2.43	100	879	102	574	654	48	4.60	<0.5		
A0126120		2.43	190	3920	306	881	940	58	5.08	<0.5		
A0126121		2.07	43	1420	121	205	447	37	3.81	<0.5		
A0126122		2.21	11	225	52	64	251	33	3.88	<0.5		
A0126123		2.33	27	578	89	144	354	35	4.00	<0.5		
A0126124		2.32	29	326	72	149	381	37	4.64	<0.5		
A0126125		2.40	17	348	98	79	488	60	8.76	<0.5		
A0126126		2.41	22	492	113	115	523	63	9.01	<0.5		
A0126127		2.41	15	467	100	92	515	64	9.06	<0.5		
A0126128		2.49	17	504	135	127	585	71	10.05	<0.5		
A0126129		2.51	27	823	151	92	577	71	10.45	<0.5		
A0126130		2.39	39	1120	161	80	483	57	8.19	<0.5		
A0126131		2.24	34	788	155	108	478	56	7.69	<0.5		
A0126132		2.50	30	757	170	122	595	68	9.45	<0.5		

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Finalized Date: 24-FEB-2019
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Project: 18-101

CERTIFICATE OF ANALYSIS TB19034201

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
A0126133		1.18	<1	2	<5	2	3	1	12.90	<0.5		
A0126134		2.48	133	671	218	418	652	53	6.80	<0.5		
A0126135		2.34	33	994	172	105	464	54	7.50	<0.5		
A0126136		2.42	10	435	124	119	590	72	10.45	<0.5		
A0126137		2.39	13	293	77	91	433	53	7.63	<0.5		
A0126138		2.52	72	1380	198	392	782	74	10.00	<0.5		
A0126139		2.28	69	1460	227	275	518	50	6.32	<0.5		
A0126140		2.58	13	77	26	99	198	23	2.59	<0.5		
A0126141		2.27	12	200	88	96	211	23	2.39	<0.5		
A0126142		2.47	34	370	84	372	464	36	4.00	<0.5		
A0126143		2.27	7	1640	185	111	660	40	3.31	<0.5		
A0126144		2.52	4	212	76	85	227	27	3.16	<0.5		
A0126145		1.82	12	150	72	117	300	32	3.91	<0.5		
A0126146		2.62	7	365	114	89	514	64	9.14	<0.5		
A0126147		2.19	10	421	118	108	577	71	10.55	<0.5		
A0126148		2.23	13	442	124	104	541	69	10.05	<0.5		
A0126149		2.13	13	634	132	78	563	73	10.80	<0.5		
A0126150		2.28	27	781	148	116	551	71	10.20	<0.5		
A0126151		2.19	13	465	147	83	538	68	10.10	<0.5		
A0126152		2.20	9	380	122	67	519	67	10.00	<0.5		
A0126153		0.08	257	3430	778	>10000	>10000	998	4.04	4.2	15500	44500
A0126154		2.13	17	420	132	154	635	72	10.30	<0.5		
A0126155		2.17	39	540	160	362	801	80	11.00	<0.5		
A0126156		2.15	20	537	141	193	670	77	11.50	<0.5		
A0126157		2.27	9	389	124	92	589	75	10.95	<0.5		
A0126158		2.27	32	647	160	344	759	77	10.90	<0.5		
A0126159		2.36	5	402	129	85	576	76	11.10	<0.5		
A0126160		2.28	4	392	129	46	561	74	10.80	<0.5		
A0126161		2.04	6	349	105	72	457	56	7.62	<0.5		
A0126162		2.64	23	720	165	264	731	74	9.49	<0.5		
A0126163		1.81	97	13	<5	685	40	24	1.76	<0.5		
A0126164		2.41	6	445	119	59	574	74	10.50	<0.5		
A0126165		2.35	65	979	203	658	1090	75	8.39	<0.5		
A0126166		2.29	41	236	35	335	382	51	5.25	<0.5		
A0126167		2.17	258	1870	197	1770	1270	76	6.07	0.8		
A0126168		2.43	332	3350	333	1680	2010	94	5.13	0.6		
A0126169		2.00	262	916	130	673	810	73	8.32	<0.5		
A0126170		0.08	80	604	295	4560	4280	117	3.99	1.8		

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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			