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: 7-FEB-2019
Account: MZI

CERTIFICATE TB19018906

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 24-JAN-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 TB19018906

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
A0125079		2.94	<1	1	<5	2	1	2	13.20	<0.5		
A0125080		0.08	4730	2010	1280	88	85	64	0.26	1.0		
A0125081		2.07	<1	1	<5	133	164	53	4.11	<0.5		
A0125082		2.09	<1	1	<5	178	124	52	4.00	<0.5		
A0125083		2.21	1	3	<5	178	142	54	4.23	<0.5		
A0125084		2.12	<1	4	<5	118	141	54	4.20	<0.5		
A0125085		2.24	<1	<1	<5	82	134	49	4.14	<0.5		
A0125086		1.85	1	<1	<5	160	97	40	2.70	<0.5		
A0125087		2.23	<1	2	<5	114	163	55	4.34	<0.5		
A0125088		2.26	<1	1	<5	81	187	53	5.00	<0.5		
A0125089		2.68	1	2	<5	138	156	46	3.94	<0.5		
A0125090		2.24	2	<1	<5	186	192	49	4.22	<0.5		
A0125091		2.11	2	<1	<5	98	184	54	4.62	<0.5		
A0125092		2.21	2	4	<5	130	218	55	4.58	<0.5		
A0125093		1.79	1	<1	<5	146	222	55	4.86	<0.5		
A0125094		1.82	2	<1	<5	145	237	54	4.91	<0.5		
A0125095		1.83	2	8	<5	84	187	49	4.56	<0.5		
A0125096		1.92	2	<1	<5	127	214	49	4.37	<0.5		
A0125097		2.09	1	5	<5	76	201	48	4.90	<0.5		
A0125098		1.94	<1	<1	<5	79	190	50	4.61	<0.5		
A0125099		0.07	58	587	273	4520	4290	116	4.01	2.1		
A0125100		1.89	<1	<1	<5	62	138	35	3.80	<0.5		
A0125101		2.11	<1	<1	<5	85	201	47	4.46	<0.5		
A0125102		2.10	<1	<1	<5	70	180	46	4.37	<0.5		
A0125103		2.16	<1	1	<5	107	200	51	4.43	<0.5		
A0125104		1.98	1	<1	<5	90	130	43	3.73	<0.5		
A0125105		1.87	2	15	<5	126	179	44	3.75	<0.5		
A0125106		1.97	3	<1	<5	122	183	53	4.22	<0.5		
A0125107		2.25	3	8	<5	108	171	55	4.42	<0.5		
A0125108		1.45	<1	11	<5	82	168	51	4.06	<0.5		
A0125109		1.32	1	<1	<5	18	2	1	0.07	<0.5		
A0125110		2.50	3	102	7	167	215	54	4.04	<0.5		
A0125111		2.68	7	148	13	183	242	58	4.42	<0.5		
A0125112		2.58	2	5	<5	119	161	49	4.03	<0.5		
A0125113		2.05	5	3	<5	161	232	54	4.44	<0.5		
A0125114		2.00	6	73	8	93	198	48	4.83	<0.5		
A0125115		1.89	6	24	<5	109	192	49	4.92	<0.5		
A0125116		2.13	2	1	<5	105	205	51	5.02	<0.5		
A0125117		1.76	1	1	<5	110	204	48	4.41	<0.5		
A0125118		1.82	<1	<1	<5	48	128	33	3.45	<0.5		

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CERTIFICATE OF ANALYSIS TB19018906

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
A0125119		2.06	<1	<1	<5	<1	2	<1	13.25	<0.5		
A0125120		2.19	<1	1	<5	62	188	51	5.16	<0.5		
A0125121		1.95	3	48	<5	89	211	50	4.76	<0.5		
A0125122		1.40	<1	<1	<5	80	188	50	4.79	<0.5		
A0125123		1.50	<1	<1	<5	62	181	52	5.28	<0.5		
A0125124		1.84	<1	2	<5	57	167	51	5.07	<0.5		
A0125125		1.27	2	<1	<5	90	162	52	4.62	<0.5		
A0125126		1.91	4	<1	<5	99	118	54	4.54	<0.5		
A0125127		2.13	1	<1	<5	55	108	50	4.81	<0.5		
A0125128		2.05	1	1	<5	74	126	55	4.79	<0.5		
A0125129		1.90	<1	<1	<5	92	138	52	4.76	<0.5		
A0125130		2.00	3	1	<5	129	172	52	4.68	<0.5		
A0125131		1.78	1	<1	<5	89	136	50	4.46	<0.5		
A0125132		2.44	2	<1	<5	72	125	48	4.35	<0.5		
A0125133		2.22	1	<1	<5	94	132	48	4.18	<0.5		
A0125134		2.27	1	<1	<5	126	194	54	4.29	<0.5		
A0125135		2.12	1	17	<5	82	142	49	4.62	<0.5		
A0125136		2.00	3	6	<5	188	210	55	4.47	<0.5		
A0125137		2.07	<1	<1	<5	34	134	47	4.97	<0.5		
A0125138		2.00	<1	<1	<5	50	143	45	4.59	<0.5		
A0125139		0.08	251	3440	795	>10000	>10000	914	3.90	3.7	15650	44900
A0125140		2.05	<1	1	<5	122	157	51	4.23	<0.5		
A0125141		2.30	<1	<1	<5	57	122	45	4.30	<0.5		
A0125142		2.12	<1	<1	<5	37	117	47	4.51	<0.5		
A0125143		2.02	2	72	8	179	200	56	4.56	<0.5		
A0125144		1.47	2	169	12	217	251	63	4.45	<0.5		
A0125145		1.75	<1	<1	<5	27	14	22	1.63	<0.5		
A0125146		2.10	3	111	9	233	156	53	4.17	<0.5		
A0125147		2.31	<1	1	<5	86	133	55	4.54	<0.5		
A0125148		1.61	1	1	<5	193	81	67	3.64	<0.5		
A0125149		1.67	1	<1	<5	232	89	51	1.95	<0.5		
A0125150		2.19	4	28	<5	190	171	45	2.46	<0.5		
A0125151		2.15	<1	1	<5	101	190	56	4.72	<0.5		
A0125152		2.08	2	12	<5	163	189	66	5.44	<0.5		
A0125153		2.14	6	23	6	239	152	51	3.68	<0.5		
A0125154		2.12	2	7	<5	123	183	53	4.84	<0.5		
A0125155		2.11	2	1	<5	126	220	56	5.34	<0.5		
A0125156		0.08	57	602	334	4510	4370	114	3.94	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			