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: 1-JUN-2019
Account: MZI

CERTIFICATE TB19121291

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 19-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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 TB19121291

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
A0160071		1.11	<1	1	<5	2	1	<1	12.80	<0.5		
A0160072		0.07	5290	2000	1340	83	80	60	0.25	0.8		
A0160073		2.26	77	5	<5	826	21	18	0.63	1.1		
A0160074		2.06	104	9	<5	1470	50	58	0.61	5.2		
A0160075		2.08	47	6	<5	989	30	12	0.50	1.0		
A0160076		2.07	53	13	<5	243	79	27	2.40	0.7		
A0160077		2.17	7	15	5	91	110	32	3.35	<0.5		
A0160078		2.07	4	16	5	59	117	32	3.39	<0.5		
A0160079		2.24	7	16	6	98	117	34	3.27	<0.5		
A0160080		2.34	7	17	<5	97	121	33	3.34	<0.5		
A0160081		2.13	8	16	5	114	124	35	3.65	<0.5		
A0160082		2.34	6	15	<5	115	125	31	3.60	<0.5		
A0160083		2.13	2	16	5	56	118	28	3.51	<0.5		
A0160084		2.27	3	16	<5	103	127	34	3.61	<0.5		
A0160085		2.36	16	111	20	763	276	54	4.11	1.3		
A0160086		2.41	11	375	67	254	364	55	5.06	0.5		
A0160087		2.34	1	23	5	78	152	37	3.56	<0.5		
A0160088		2.42	2	22	6	60	147	35	3.69	<0.5		
A0160089		2.32	2	18	5	56	144	36	3.76	<0.5		
A0160090		2.21	4	16	<5	87	133	32	3.25	<0.5		
A0160091		0.07	65	585	312	4400	4230	111	3.89	1.9		
A0160092		2.22	2	15	5	59	125	33	3.29	<0.5		
A0160093		2.35	<1	16	5	31	133	35	3.59	<0.5		
A0160094		2.25	1	15	<5	31	131	33	3.59	<0.5		
A0160095		2.32	2	14	5	31	132	34	3.53	<0.5		
A0160096		2.36	<1	16	<5	29	135	33	3.64	<0.5		
A0160097		2.27	3	15	5	74	138	34	3.70	<0.5		
A0160098		2.22	1	14	5	33	142	35	3.87	<0.5		
A0160099		2.28	1	15	5	52	151	40	4.02	<0.5		
A0160100		2.11	2	13	5	55	140	33	3.59	<0.5		
A0160101		2.93	<1	44	<5	58	159	48	4.47	<0.5		
A0160102		1.94	1	49	7	40	183	52	4.53	<0.5		
A0160103		1.80	12	87	12	396	186	66	3.30	0.6		
A0160104		2.28	8	77	15	394	116	75	3.60	0.7		
A0160105		2.09	2	30	7	83	146	41	3.56	<0.5		
A0160106		1.66	<1	13	<5	35	124	35	3.40	<0.5		
A0160107		2.26	1	13	<5	45	140	38	3.73	<0.5		
A0160108		1.99	4	16	<5	136	136	39	3.48	<0.5		
A0160109		2.08	3	14	<5	110	126	36	3.26	0.5		
A0160110		1.96	<1	15	<5	41	137	38	3.58	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19121291

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
A0160111		1.43	<1	<1	<5	2	4	2	13.55	<0.5		
A0160112		2.07	1	15	<5	32	149	41	3.98	<0.5		
A0160113		1.90	1	15	<5	44	130	38	3.61	<0.5		
A0160114		2.37	<1	14	<5	50	139	36	3.57	<0.5		
A0160115		2.05	13	440	51	201	240	45	3.78	<0.5		
A0160116		2.65	44	995	139	650	499	56	4.01	0.9		
A0160117		1.42	101	593	108	495	677	103	9.44	0.6		
A0160118		2.55	2	47	10	43	175	37	3.44	<0.5		
A0160119		1.84	3	14	<5	64	171	38	3.72	<0.5		
A0160120		2.03	1	14	<5	50	172	39	3.73	<0.5		
A0160121		2.40	2	15	5	67	180	39	3.63	<0.5		
A0160122		1.97	<1	14	<5	21	143	31	2.51	<0.5		
A0160123		2.12	3	16	5	58	170	38	3.18	<0.5		
A0160124		2.10	11	151	26	155	250	46	4.14	<0.5		
A0160125		2.31	8	80	16	246	238	52	4.79	<0.5		
A0160126		1.92	3	13	<5	119	56	18	1.09	<0.5		
A0160127		1.83	4	11	<5	146	39	13	0.51	<0.5		
A0160128		1.71	3	14	<5	114	34	10	0.43	<0.5		
A0160129		2.58	11	141	25	138	493	108	10.70	<0.5		
A0160130		2.21	12	75	15	99	491	111	11.00	<0.5		
A0160131		0.08	254	3460	799	>10000	>10000	978	4.10	4.0	16000	45600
A0160132		1.89	11	112	25	115	523	107	10.75	<0.5		
A0160133		2.39	13	115	22	104	445	95	9.52	<0.5		
A0160134		2.20	6	112	20	101	368	78	7.40	<0.5		
A0160135		2.40	8	94	17	142	250	44	4.28	<0.5		
A0160136		2.12	6	93	16	120	169	29	2.58	<0.5		
A0160137		2.03	9	106	19	167	138	23	1.99	<0.5		
A0160138		1.98	4	87	13	99	148	26	2.23	<0.5		
A0160139		2.05	14	172	29	127	223	36	3.21	<0.5		
A0160140		2.36	19	197	33	158	278	47	4.48	<0.5		
A0160141		2.19	2	47	10	38	142	29	2.49	<0.5		
A0160142		2.19	6	81	15	74	261	55	5.27	<0.5		
A0160143		2.05	2	35	8	40	212	41	4.25	<0.5		
A0160144		2.23	3	12	<5	75	176	36	3.72	<0.5		
A0160145		2.06	4	20	5	78	265	56	5.57	<0.5		
A0160146		2.24	6	131	26	82	470	101	10.70	<0.5		
A0160147		1.79	2	18	<5	45	197	37	4.00	<0.5		
A0160148		0.07	136	614	315	4710	4560	116	4.10	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			