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: 26-JUN-2019
Account: MZI

CERTIFICATE TB19144445

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-JUN-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 TB19144445

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
A0161709		1.55	<1	1	<5	2	17	<1	13.10	<0.5		
A0161710		0.08	5030	2010	1280	86	85	61	0.27	0.7		
A0161711		2.45	47	93	43	1125	684	114	4.89	0.9		
A0161712		2.48	40	79	38	826	636	102	5.23	0.7		
A0161713		2.25	73	132	63	1430	750	115	4.82	1.0		
A0161714		2.62	51	82	46	1175	696	106	4.35	0.9		
A0161715		2.44	56	88	49	1515	890	125	4.69	0.9		
A0161716		2.55	62	90	52	1365	809	105	4.13	1.0		
A0161717		2.41	49	90	45	1275	766	112	4.14	1.0		
A0161718		2.49	47	72	37	1190	743	109	4.46	0.9		
A0161719		2.46	54	80	46	1230	697	99	3.96	0.9		
A0161720		2.64	27	31	19	759	528	105	4.18	0.8		
A0161721		2.50	27	35	20	818	475	115	3.85	0.7		
A0161722		2.84	4	9	7	311	195	111	3.54	0.5		
A0161723		2.62	3	15	12	225	188	85	4.78	0.5		
A0161724		3.70	9	11	8	454	307	130	3.71	0.6		
A0161725		2.47	12	15	9	539	370	132	3.83	0.6		
A0161726		2.14	25	72	20	519	388	106	4.07	<0.5		
A0161727		3.14	21	247	53	251	300	58	4.23	0.5		
A0161728		2.65	10	199	34	132	526	89	3.53	<0.5		
A0161729		0.07	127	606	321	4260	4320	114	3.91	2.0		
A0161730		3.11	2	24	<5	34	687	112	2.36	<0.5		
A0161731		2.84	2	37	6	38	701	118	2.72	<0.5		
A0161732		1.33	1	28	6	37	712	120	3.25	0.5		
A0161733		4.71	<1	24	5	24	697	118	3.19	<0.5		
A0161734		2.87	<1	30	<5	28	606	107	3.26	0.5		
A0161735		2.64	<1	38	<5	40	734	117	3.12	<0.5		
A0161736		2.47	<1	64	6	27	854	133	2.50	<0.5		
A0161737		2.74	<1	108	7	32	807	128	2.90	<0.5		
A0161738		2.51	1	69	9	28	867	141	3.42	<0.5		
A0161739		2.50	<1	83	7	21	758	124	3.33	<0.5		
A0161740		2.52	<1	29	<5	25	768	126	2.90	0.5		
A0161741		2.01	1	22	<5	21	667	112	3.03	<0.5		
A0161742		2.49	1	32	<5	35	173	35	2.24	0.5		
A0161743		2.41	1	33	6	39	176	38	2.40	<0.5		
A0161744		2.20	1	35	<5	35	168	36	2.22	<0.5		
A0161745		2.06	<1	32	<5	56	187	40	2.33	<0.5		
A0161746		2.14	1	31	<5	52	175	37	2.12	<0.5		
A0161747		2.24	1	31	<5	46	173	35	2.06	<0.5		
A0161748		2.08	2	27	<5	53	173	35	1.96	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19144445

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
A0161749		1.84	<1	<1	<5	1	3	<1	13.05	<0.5		
A0161750		2.24	2	28	<5	65	202	38	2.40	<0.5		
A0161751		2.30	3	38	10	50	167	33	2.01	<0.5		
A0161752		2.19	1	61	5	29	119	29	2.13	<0.5		
A0161753		2.20	1	62	<5	44	130	32	2.24	<0.5		
A0161754		2.25	2	54	5	45	117	29	1.97	<0.5		
A0161755		2.39	1	42	<5	35	116	31	2.18	<0.5		
A0161756		2.75	2	69	9	23	127	31	2.33	<0.5		
A0161757		2.93	6	106	10	36	154	34	2.65	<0.5		
A0161758		2.12	5	90	8	25	172	39	3.10	<0.5		
A0161759		2.52	5	55	7	34	150	35	2.58	<0.5		
A0161760		2.57	8	53	5	17	139	33	2.48	<0.5		
A0161761		2.11	14	51	8	21	135	34	2.34	<0.5		
A0161762		2.14	10	49	11	16	128	31	2.35	<0.5		
A0161763		2.18	3	38	10	18	122	29	2.20	<0.5		
A0161764		2.24	8	31	11	135	200	46	4.16	<0.5		
A0161765		2.15	1	44	7	16	102	26	1.81	<0.5		
A0161766		2.07	1	45	10	16	98	26	1.85	<0.5		
A0161767		2.03	1	41	9	12	111	29	2.09	<0.5		
A0161768		2.03	2	40	11	13	127	32	2.41	<0.5		
A0161769		0.08	265	3400	780	>10000	>10000	939	3.88	3.8	16300	45500
A0161770		2.03	2	39	12	25	126	28	1.98	<0.5		
A0161771		2.13	1	35	9	18	120	29	2.19	<0.5		
A0161772		2.10	1	36	14	19	129	32	2.46	<0.5		
A0161773		2.19	1	40	11	17	170	38	2.04	<0.5		
A0161774		2.10	1	44	5	15	111	28	2.05	<0.5		
A0161775		2.19	1	53	6	19	113	29	2.16	<0.5		
A0161776		2.27	1	53	5	26	101	28	1.95	<0.5		
A0161777		2.04	<1	45	<5	23	109	29	2.01	<0.5		
A0161778		1.82	1	46	9	19	238	52	3.25	<0.5		
A0161779		2.09	1	47	6	22	226	52	3.10	<0.5		
A0161780		2.12	<1	62	<5	20	250	55	3.33	<0.5		
A0161781		2.19	1	60	5	16	239	53	3.21	<0.5		
A0161782		2.19	2	32	<5	17	225	48	3.00	<0.5		
A0161783		2.20	2	48	<5	30	252	56	3.44	<0.5		
A0161784		2.25	1	46	<5	17	236	52	3.05	<0.5		
A0161785		2.09	<1	59	8	25	258	52	3.00	<0.5		
A0161786		0.07	97	603	306	4320	4320	113	3.99	2.4		

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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			