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: 27-MAR-2019
Account: MZI

CERTIFICATE TB19064414

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 18-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 TB19064414

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
A0127107		1.70	1	1	<5	1	2	<1	13.60	<0.5		
A0127108		0.07	4770	1990	1260	87	87	65	0.26	0.9		
A0127109		2.29	3	25	<5	185	261	60	5.72	<0.5		
A0127110		2.34	7	77	8	161	266	63	5.63	<0.5		
A0127111		2.16	1	15	<5	89	200	59	5.57	<0.5		
A0127112		1.60	1	8	<5	96	139	53	4.89	<0.5		
A0127113		1.61	1	2	<5	135	158	55	4.72	<0.5		
A0127114		1.06	<1	7	<5	23	17	4	0.37	<0.5		
A0127115		2.00	7	698	80	199	271	63	5.28	<0.5		
A0127116		2.26	4	9	<5	168	243	64	5.48	<0.5		
A0127117		1.96	3	54	9	120	182	54	5.13	<0.5		
A0127118		2.18	1	3	<5	72	179	58	5.16	<0.5		
A0127119		2.03	2	105	11	95	198	49	5.03	<0.5		
A0127120		2.07	1	29	<5	156	179	54	5.02	<0.5		
A0127121		2.32	2	<1	<5	134	213	57	5.26	<0.5		
A0127122		2.30	2	8	<5	156	217	54	5.02	<0.5		
A0127123		2.34	1	52	10	107	146	42	3.85	<0.5		
A0127124		2.21	3	3	<5	149	173	53	4.83	<0.5		
A0127125		2.05	5	24	<5	160	197	56	5.05	<0.5		
A0127126		2.20	5	289	48	316	315	69	5.05	<0.5		
A0127127		0.08	99	598	294	4460	4320	112	3.97	1.8		
A0127128		2.21	11	136	9	817	257	73	4.17	<0.5		
A0127129		2.24	1	201	19	451	304	75	3.98	<0.5		
A0127130		2.37	1	7	<5	208	150	50	4.10	<0.5		
A0127131		2.04	1	9	<5	156	145	51	4.39	<0.5		
A0127132		2.21	1	5	<5	148	155	49	4.20	<0.5		
A0127133		2.29	3	1	<5	208	180	55	4.55	<0.5		
A0127134		2.23	2	10	<5	152	167	57	4.90	<0.5		
A0127135		2.25	<1	6	<5	93	171	60	5.64	<0.5		
A0127136		2.38	12	200	15	224	261	60	4.73	<0.5		
A0127137		2.27	2	1	<5	147	178	56	5.05	<0.5		
A0127138		2.18	2	1	<5	160	184	54	4.87	<0.5		
A0127139		2.14	<1	<1	<5	111	160	53	4.85	<0.5		
A0127140		2.16	1	<1	<5	121	153	50	4.58	<0.5		
A0127141		2.31	2	<1	<5	108	162	46	4.76	<0.5		
A0127142		2.27	1	<1	<5	168	189	51	4.53	<0.5		
A0127143		2.27	4	37	7	199	256	59	4.45	<0.5		
A0127144		2.29	<1	69	6	92	180	50	4.63	<0.5		
A0127145		2.13	1	2	<5	122	177	52	4.90	<0.5		
A0127146		2.17	8	87	<5	224	254	53	5.05	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19064414

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
A0127147		1.58	<1	<1	<5	1	<1	<1	13.20	<0.5		
A0127148		2.19	1	2	<5	131	209	51	4.92	<0.5		
A0127149		2.29	5	4	<5	172	266	57	5.44	<0.5		
A0127150		1.60	3	1	<5	168	212	55	5.27	<0.5		
A0127151		2.66	<1	<1	<5	122	218	55	5.29	<0.5		
A0127152		2.48	1	3	<5	147	217	54	5.01	<0.5		
A0127153		2.17	1	<1	<5	174	210	60	5.21	<0.5		
A0127154		2.28	<1	<1	<5	51	185	49	5.02	<0.5		
A0127155		2.30	<1	<1	<5	94	197	51	5.23	<0.5		
A0127156		2.22	<1	<1	<5	90	200	52	5.20	<0.5		
A0127157		2.28	<1	<1	<5	95	202	52	5.40	<0.5		
A0127158		2.21	1	1	<5	157	287	63	6.09	<0.5		
A0127159		2.27	1	1	<5	174	290	66	6.36	<0.5		
A0127160		1.62	1	<1	<5	88	196	48	5.24	<0.5		
A0127161		1.56	<1	<1	<5	102	185	49	5.30	<0.5		
A0127162		1.89	1	<1	<5	84	194	47	5.17	<0.5		
A0127163		1.67	3	3	<5	81	201	49	5.06	<0.5		
A0127164		2.28	2	4	<5	147	214	55	5.48	<0.5		
A0127165		2.44	4	12	<5	203	273	60	5.65	<0.5		
A0127166		2.37	<1	<1	<5	87	199	50	4.93	<0.5		
A0127167		0.08	253	3360	773	>10000	>10000	954	3.96	3.8	16100	45200
A0127168		2.21	3	<1	<5	228	211	57	5.00	<0.5		
A0127169		2.25	1	<1	<5	99	212	50	5.34	<0.5		
A0127170		2.20	1	1	<5	241	346	60	5.83	<0.5		
A0127171		2.14	4	<1	<5	244	305	54	4.85	<0.5		
A0127172		2.13	7	6	<5	336	402	58	5.06	<0.5		
A0127173		2.21	12	168	16	454	599	69	4.84	<0.5		
A0127174		2.08	3	2	<5	217	284	57	5.11	<0.5		
A0127175		2.19	56	31	<5	150	216	53	4.99	<0.5		
A0127176		2.30	2	<1	<5	161	236	52	4.88	<0.5		
A0127177		2.47	3	4	<5	158	229	51	4.92	<0.5		
A0127178		2.40	4	29	<5	172	217	51	5.01	<0.5		
A0127179		2.25	5	53	11	81	113	35	3.32	<0.5		
A0127180		2.01	12	75	13	248	141	42	3.54	<0.5		
A0127181		1.92	8	107	20	143	137	42	3.86	<0.5		
A0127182		1.85	6	12	5	149	105	37	3.43	<0.5		
A0127183		2.03	4	13	5	75	104	36	3.29	<0.5		
A0127184		0.07	70	596	302	4540	4430	113	4.07	1.7		

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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			