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: 18-MAY-2019
Account: MZI

CERTIFICATE TB19107714

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 5-MAY-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 TB19107714

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
A0128043		0.84	2	1	<5	<1	1	1	13.20	<0.5		
A0128044		0.08	6020	2060	1320	87	87	63	0.26	0.5		
A0128045		2.26	2	74	6	28	148	32	2.34	<0.5		
A0128046		2.26	2	84	7	25	138	32	2.48	<0.5		
A0128047		2.20	7	92	16	107	190	37	2.44	<0.5		
A0128048		2.26	16	96	16	236	218	45	2.42	<0.5		
A0128049		2.19	3	83	41	24	161	38	2.94	<0.5		
A0128050		2.31	6	105	25	21	308	60	5.01	<0.5		
A0128051		2.30	5	90	31	52	294	62	4.75	<0.5		
A0128052		2.34	3	101	52	36	275	61	4.80	<0.5		
A0128053		2.44	4	59	7	26	249	52	4.41	<0.5		
A0128054		1.97	2	53	7	21	252	54	4.18	<0.5		
A0128055		2.26	2	37	6	37	216	58	4.23	<0.5		
A0128056		2.29	3	63	6	35	224	57	3.99	<0.5		
A0128057		2.32	2	142	21	30	204	56	4.00	<0.5		
A0128058		2.37	3	160	39	25	268	58	4.57	<0.5		
A0128059		2.16	5	186	31	38	243	51	4.10	<0.5		
A0128060		2.29	5	111	16	48	254	52	4.14	<0.5		
A0128061		2.30	3	80	14	23	221	49	4.02	<0.5		
A0128062		2.12	<1	69	7	26	196	44	3.55	<0.5		
A0128063		0.07	72	634	305	4530	4360	113	3.88	1.9		
A0128064		2.27	2	53	7	32	163	44	3.43	<0.5		
A0128065		2.26	1	74	10	16	209	47	4.01	<0.5		
A0128066		2.21	2	55	6	14	200	43	3.69	<0.5		
A0128067		2.25	2	74	14	22	316	64	5.53	<0.5		
A0128068		2.18	<1	53	<5	18	169	38	3.03	<0.5		
A0128069		2.33	2	101	19	18	224	46	4.02	<0.5		
A0128070		2.61	3	76	9	18	175	38	3.13	<0.5		
A0128071		2.38	3	14	6	87	101	41	3.74	0.5		
A0128072		2.28	3	14	7	87	100	41	3.62	<0.5		
A0128073		2.35	3	14	6	92	100	36	3.49	<0.5		
A0128074		2.39	4	14	5	92	110	38	3.64	<0.5		
A0128075		2.32	3	14	8	75	119	34	3.36	<0.5		
A0128076		2.37	4	23	10	83	187	50	4.96	<0.5		
A0128077		2.28	4	21	9	109	173	45	4.59	<0.5		
A0128078		2.32	7	15	8	217	152	35	3.68	<0.5		
A0128079		2.43	5	14	<5	110	157	34	3.42	0.5		
A0128080		2.39	5	15	6	141	172	35	3.78	<0.5		
A0128081		2.34	10	24	9	253	197	35	3.89	0.5		
A0128082		2.40	10	95	19	199	235	40	4.06	0.6		

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Finalized Date: 18-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19107714

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
A0128083		2.16	<1	2	<5	<1	6	<1	12.85	<0.5		
A0128084		2.32	20	148	28	186	247	41	4.17	0.8		
A0128085		2.16	9	40	9	158	221	41	4.45	0.5		
A0128086		1.94	9	27	10	317	230	40	4.57	0.6		
A0128087		2.83	58	478	84	402	600	87	8.81	0.8		
A0128088		2.38	98	832	148	493	701	85	7.88	0.6		
A0128089		2.27	95	688	112	424	626	90	7.85	0.6		
A0128090		2.30	23	192	39	204	410	90	8.23	<0.5		
A0128091		2.29	21	217	41	142	422	84	8.40	<0.5		
A0128092		2.47	56	483	79	330	552	87	8.21	<0.5		
A0128093		2.39	33	268	53	191	481	82	8.07	<0.5		
A0128094		2.40	30	236	41	182	473	77	7.31	0.5		
A0128095		2.42	72	665	107	407	679	78	7.21	0.5		
A0128096		2.29	121	919	144	633	845	80	7.26	<0.5		
A0128097		2.34	243	1800	277	1170	1290	86	7.24	0.9		
A0128098		2.30	118	834	133	499	737	86	7.77	<0.5		
A0128099		2.25	52	494	83	295	516	77	6.82	0.5		
A0128100		2.26	24	251	45	161	352	66	5.71	<0.5		
A0128101		2.34	11	35	12	81	316	68	6.47	<0.5		
A0128102		2.31	18	38	16	123	347	69	6.56	0.5		
A0128103		0.08	248	3300	780	>10000	>10000	922	3.76	4.2	15500	44600
A0128104		2.31	12	36	14	92	348	70	6.75	<0.5		
A0128105		2.39	12	35	14	79	325	69	6.78	<0.5		
A0128106		2.25	16	88	22	105	323	65	6.18	<0.5		
A0128107		2.28	18	233	39	130	332	63	5.82	<0.5		
A0128108		2.56	6	80	15	71	169	33	2.81	<0.5		
A0128109		2.41	16	160	27	167	264	52	4.51	0.5		
A0128110		2.37	15	180	34	159	356	70	6.28	0.6		
A0128111		2.30	16	75	15	83	456	87	9.54	0.5		
A0128112		2.29	24	306	50	147	374	60	5.43	<0.5		
A0128113		2.25	19	162	30	169	329	59	5.59	<0.5		
A0128114		2.49	23	291	51	205	451	76	7.09	<0.5		
A0128115		2.44	9	156	27	111	297	56	4.92	<0.5		
A0128116		2.27	4	65	13	46	174	35	3.03	<0.5		
A0128117		2.51	6	124	26	73	322	64	5.81	<0.5		
A0128118		2.49	8	81	19	93	414	88	8.70	<0.5		
A0128119		2.37	5	60	14	85	378	84	7.87	<0.5		
A0128120		0.07	126	592	301	4350	4220	109	3.77	3.0		

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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			