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: 2-FEB-2019
Account: MZI

CERTIFICATE TB19015517

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 21-JAN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS LDIM WEBTRIEVE	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER KATHRYN STINSON

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 TB19015517

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
X095086		2.40	<1	<1	<5	2	5	<1	13.45	<0.5		
X095087		0.08	4900	2000	1310	87	86	63	0.26	0.6		
X095088		2.01	1	5	<5	45	160	47	4.81	<0.5		
X095089		2.15	1	27	5	108	220	49	4.78	<0.5		
X095090		2.20	2	<1	<5	151	215	55	4.84	<0.5		
X095091		2.09	2	1	<5	136	187	55	4.73	<0.5		
X095092		2.12	3	67	5	203	273	63	5.54	<0.5		
X095093		2.09	1	62	7	67	192	50	4.84	<0.5		
X095094		2.19	2	23	<5	288	267	70	4.66	<0.5		
X095095		2.23	3	115	11	222	246	66	4.19	<0.5		
X095096		2.13	<1	<1	<5	44	170	48	4.66	<0.5		
X095097		2.09	<1	<1	<5	31	120	32	3.08	<0.5		
X095098		1.90	1	117	76	84	178	33	3.04	<0.5		
X095099		2.10	<1	18	<5	97	160	36	3.25	<0.5		
X095100		2.16	3	20	<5	599	766	81	5.39	<0.5		
X095101		2.20	4	5	<5	447	582	81	5.29	<0.5		
X095102		2.21	1	2	<5	182	249	53	3.75	<0.5		
X095103		2.05	3	2	<5	207	222	43	2.20	<0.5		
X095104		2.01	3	109	12	97	122	33	2.00	<0.5		
X095105		2.09	2	31	<5	60	65	30	2.19	<0.5		
X095106		0.08	50	588	300	4550	4400	114	3.99	2.0		
X095107		2.11	3	<1	<5	82	85	39	2.22	<0.5		
X095108		2.11	9	<1	<5	178	162	66	3.40	<0.5		
X095109		2.27	8	<1	<5	148	146	58	4.55	<0.5		
X095110		2.14	3	<1	<5	101	176	52	4.33	<0.5		
X095111		2.15	1	<1	<5	83	202	49	4.95	<0.5		
X095112		2.25	17	27	<5	299	330	63	5.46	<0.5		
X095113		1.94	4	17	<5	81	184	42	4.15	<0.5		
X095114		2.13	4	25	<5	160	273	62	5.87	<0.5		
X095115		2.24	6	181	15	158	247	54	5.20	<0.5		
X095116		2.11	2	137	10	62	268	51	5.97	<0.5		
X095117		2.18	1	1	<5	89	245	53	5.81	<0.5		
X095118		2.27	8	5	<5	340	281	55	5.21	<0.5		
X095119		2.17	1	<1	<5	159	273	51	5.30	<0.5		
X095120		2.15	<1	2	<5	34	233	46	5.70	<0.5		
X095121		2.16	<1	1	<5	71	246	53	5.71	<0.5		
X095122		2.25	14	19	<5	304	342	61	5.71	<0.5		
X095123		2.22	6	78	5	209	376	51	5.59	<0.5		
X095124		2.16	4	66	10	180	243	62	5.32	<0.5		
X095125		2.12	5	16	<5	138	318	52	5.77	<0.5		

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Finalized Date: 2-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19015517

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
X095126		1.64	<1	<1	<5	1	<1	<1	13.75	<0.5		
X095127		2.17	6	281	22	122	316	48	5.54	<0.5		
X095128		2.14	15	174	15	173	358	50	5.77	<0.5		
X095129		2.22	69	1960	220	510	664	63	5.55	<0.5		
X095130		2.23	4	3	<5	111	303	53	6.35	<0.5		
X095131		2.17	17	170	19	152	254	52	5.56	<0.5		
X095132		2.42	243	2140	248	1395	952	81	6.17	0.5		
X095133		2.05	16	233	21	193	291	53	5.02	<0.5		
X095134		2.13	6	27	<5	150	250	50	5.01	<0.5		
X095135		2.25	5	179	14	189	354	58	5.46	<0.5		
X095136		2.06	6	168	13	136	345	61	6.73	<0.5		
X095137		2.12	<1	2	<5	46	344	58	7.57	<0.5		
X095138		2.23	8	179	21	134	375	57	6.44	<0.5		
X095139		2.17	9	216	25	156	315	47	5.04	<0.5		
X095140		2.07	10	214	17	191	323	51	5.09	<0.5		
X095141		2.30	<1	1	<5	51	219	51	5.69	<0.5		
X095142		1.93	3	2	<5	150	286	59	5.57	<0.5		
X095143		2.00	1	19	<5	110	221	59	5.45	<0.5		
X095144		2.13	1	16	<5	116	219	52	5.26	<0.5		
X095145		2.16	6	9	<5	169	239	60	5.81	<0.5		
X095146		0.08	227	3310	741	>10000	>10000	979	4.10	3.8	16150	45300
X095147		2.23	<1	41	6	128	261	49	5.32	<0.5		
X095148		1.95	<1	13	<5	198	83	11	1.25	<0.5		
X095149		1.79	<1	<1	<5	5	3	<1	0.04	<0.5		
X095150		1.92	<1	1	<5	35	18	2	0.32	<0.5		
X095151		2.13	<1	2	<5	59	209	39	4.81	<0.5		
X095152		2.08	2	91	7	135	279	50	4.78	<0.5		
X095153		2.14	16	143	13	192	242	50	5.02	<0.5		
X095154		2.08	2	40	6	154	303	50	4.89	<0.5		
X095155		2.14	5	1	<5	214	205	52	4.69	<0.5		
X095156		2.02	7	22	<5	247	302	58	5.14	<0.5		
X095157		2.01	2	42	<5	110	254	44	4.93	<0.5		
X095158		1.58	2	<1	<5	76	237	47	5.05	<0.5		
X095159		1.72	1	2	<5	64	262	51	5.68	<0.5		
X095160		2.21	3	1	<5	26	15	5	0.32	<0.5		
X095161		2.43	<1	<1	<5	94	22	23	1.20	<0.5		
X095162		2.02	1	3	<5	98	12	16	0.79	<0.5		
X095163		0.08	75	616	301	4640	4490	115	4.04	1.9		

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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			