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-APR-2019
Account: MZI

CERTIFICATE TB19067483

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-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 TB19067483

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
A0127341		2.06	1	1	<5	<1	2	<1	13.30	<0.5		
A0127342		0.08	4830	2070	1340	82	81	61	0.26	0.7		
A0127343		1.81	7	475	70	49	193	35	3.05	<0.5		
A0127344		1.97	3	222	18	23	171	32	2.94	<0.5		
A0127345		1.80	6	184	21	56	251	44	4.18	<0.5		
A0127346		1.98	11	286	23	83	246	45	3.70	<0.5		
A0127347		2.24	3	168	40	23	258	42	4.27	<0.5		
A0127348		1.94	5	196	48	28	273	46	4.75	<0.5		
A0127349		2.09	3	166	40	28	268	48	4.34	<0.5		
A0127350		2.11	3	106	23	56	282	51	4.78	<0.5		
A0127351		2.08	3	9	<5	75	233	42	4.69	<0.5		
A0127352		2.14	28	146	30	171	366	55	5.41	<0.5		
A0127353		2.00	71	288	37	519	572	57	5.23	<0.5		
A0127354		2.04	15	235	36	92	341	56	5.44	<0.5		
A0127355		2.02	28	211	31	154	352	53	5.41	<0.5		
A0127356		2.11	17	104	28	123	346	54	5.54	<0.5		
A0127357		2.10	13	68	18	143	329	50	5.39	<0.5		
A0127358		2.09	32	62	21	162	351	51	5.51	<0.5		
A0127359		2.08	23	112	28	143	348	54	5.53	<0.5		
A0127360		2.01	9	218	44	57	279	49	4.68	<0.5		
A0127361		0.07	59	606	298	4430	4340	113	3.93	1.8		
A0127362		2.00	5	196	42	40	275	50	4.55	<0.5		
A0127363		1.98	3	127	24	33	260	47	4.35	<0.5		
A0127364		2.00	2	88	13	32	128	26	1.93	<0.5		
A0127365		1.87	1	89	14	23	132	28	2.16	<0.5		
A0127366		1.93	1	71	6	27	157	34	2.57	<0.5		
A0127367		1.96	10	61	22	111	229	36	2.89	<0.5		
A0127368		1.94	4	94	12	33	179	32	2.56	<0.5		
A0127369		2.11	1	86	6	30	152	30	2.40	<0.5		
A0127370		2.24	2	108	16	28	157	33	2.39	<0.5		
A0127371		2.11	31	231	39	126	220	38	2.95	<0.5		
A0127372		2.14	14	351	46	76	244	40	3.64	<0.5		
A0127373		2.27	18	550	70	66	292	48	4.26	<0.5		
A0127374		2.24	27	2840	313	77	329	49	4.11	<0.5		
A0127375		2.28	13	109	18	76	306	50	4.21	<0.5		
A0127376		2.42	47	464	97	71	237	31	1.92	1.4		
A0127377		2.02	<1	33	<5	22	135	29	2.19	<0.5		
A0127378		2.17	<1	30	<5	23	128	29	2.10	<0.5		
A0127379		2.38	<1	21	<5	16	143	28	1.69	<0.5		
A0127380		2.20	<1	27	<5	28	143	33	2.07	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19067483

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
A0127381		2.33	<1	<1	<5	1	1	1	13.30	<0.5		
A0127382		2.29	1	25	<5	29	138	31	2.08	<0.5		
A0127383		2.37	<1	22	<5	21	147	32	2.00	<0.5		
A0127384		1.83	<1	19	<5	13	149	33	2.01	<0.5		
A0127385		1.97	1	20	<5	11	288	54	2.52	<0.5		
A0127386		1.66	<1	16	<5	18	551	97	3.35	<0.5		
A0127387		2.35	<1	19	<5	8	671	109	3.55	<0.5		
A0127388		2.55	<1	18	<5	4	801	122	3.30	<0.5		
A0127389		2.87	3	19	<5	35	188	35	1.64	<0.5		
A0127390		1.20	2	1	<5	38	76	13	0.47	<0.5		
A0127391		1.84	<1	17	<5	8	662	105	3.08	<0.5		
A0127392		1.88	<1	20	<5	2	777	125	2.82	<0.5		
A0127393		1.66	<1	24	<5	12	253	50	2.36	<0.5		
A0127394		2.33	1	26	<5	14	211	41	2.25	<0.5		
A0127395		2.25	3	28	<5	29	150	36	1.84	<0.5		
A0127396		2.18	3	30	<5	65	169	37	2.05	<0.5		
A0127397		2.21	1	37	<5	39	146	37	2.16	<0.5		
A0127398		2.32	1	32	<5	17	132	31	2.05	<0.5		
A0127399		2.19	1	27	<5	24	118	29	1.96	<0.5		
A0127400		2.28	<1	26	<5	21	130	31	2.13	<0.5		
A0127401		0.08	188	3500	769	>10000	>10000	959	3.92	3.9	15750	44900
A0127402		2.09	1	28	<5	57	228	35	2.37	<0.5		
A0127403		2.10	<1	28	<5	24	162	37	2.81	<0.5		
A0127404		2.16	1	33	<5	22	132	34	2.48	<0.5		
A0127405		2.25	1	31	<5	16	132	33	2.56	<0.5		
A0127406		2.21	1	36	<5	24	144	37	2.94	<0.5		
A0127407		2.82	<1	28	<5	26	90	24	1.62	0.5		
A0127408		1.99	2	55	5	49	104	27	1.92	<0.5		
A0127409		2.26	2	46	<5	38	112	29	2.13	<0.5		
A0127410		2.33	1	44	<5	29	128	33	2.37	<0.5		
A0127411		2.08	<1	46	<5	25	117	30	2.15	<0.5		
A0127412		2.31	<1	40	<5	26	124	32	2.40	<0.5		
A0127413		2.34	1	45	<5	18	122	32	2.33	<0.5		
A0127414		2.33	1	46	<5	19	129	31	2.37	<0.5		
A0127415		2.34	2	40	<5	26	137	35	2.50	<0.5		
A0127416		2.37	5	42	<5	53	125	30	2.12	<0.5		
A0127417		2.07	3	55	<5	39	189	45	3.48	<0.5		
A0127418		0.07	62	608	331	4370	4170	110	3.87	2.1		

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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			