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: 24-JUN-2019
Account: MZI

CERTIFICATE TB19141473

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 11-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 TB19141473

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
A0162411		2.07	<1	1	<5	2	<1	1	13.15	<0.5		
A0162412		0.08	5020	2010	1290	88	85	63	0.27	1.0		
A0162413		2.82	9	28	22	222	170	86	5.43	<0.5		
A0162414		3.10	10	21	9	459	290	109	3.80	<0.5		
A0162415		2.82	10	26	13	436	272	106	4.23	<0.5		
A0162416		2.98	3	31	24	107	168	62	5.35	<0.5		
A0162417		2.64	3	34	24	128	150	70	5.66	<0.5		
A0162418		3.09	4	32	22	195	166	76	5.90	<0.5		
A0162419		3.01	7	31	20	339	226	81	4.84	<0.5		
A0162420		2.67	2	6	<5	88	58	34	1.65	<0.5		
A0162421		2.42	<1	1	<5	68	29	34	1.81	<0.5		
A0162422		2.91	102	67	77	723	501	85	5.16	0.6		
A0162423		2.62	82	82	58	824	551	82	4.46	0.6		
A0162424		2.35	29	25	18	819	595	130	4.26	<0.5		
A0162425		2.13	68	37	58	648	347	114	4.31	<0.5		
A0162426		2.61	64	190	192	782	402	80	3.03	<0.5		
A0162427		1.75	24	56	25	950	573	99	3.34	<0.5		
A0162428		3.00	40	64	28	943	662	107	5.19	0.5		
A0162429		2.93	85	44	22	952	603	128	5.50	0.6		
A0162430		2.81	27	45	21	977	608	107	5.71	0.6		
A0162431		0.07	87	608	300	4600	4410	116	4.05	2.1		
A0162432		2.88	29	53	22	1100	627	97	4.55	0.8		
A0162433		2.76	11	100	42	290	293	74	4.86	<0.5		
A0162434		2.70	2	73	25	92	178	62	4.58	<0.5		
A0162435		3.01	2	146	53	38	182	61	5.11	<0.5		
A0162436		2.25	2	138	71	30	174	60	5.20	<0.5		
A0162437		2.15	1	76	37	20	158	54	4.73	<0.5		
A0162438		2.10	2	83	35	16	167	61	5.25	<0.5		
A0162439		2.43	1	18	<5	56	186	67	5.89	<0.5		
A0162440		2.14	<1	10	5	45	206	70	6.18	<0.5		
A0162441		1.90	2	13	6	62	192	67	5.89	<0.5		
A0162442		2.25	4	63	51	28	152	60	5.17	<0.5		
A0162443		2.14	<1	11	<5	24	153	61	5.53	<0.5		
A0162444		2.39	1	35	6	59	152	65	5.38	<0.5		
A0162445		2.01	3	46	70	38	154	63	5.40	<0.5		
A0162446		2.32	4	53	34	89	172	67	5.76	<0.5		
A0162447		2.05	3	29	11	106	176	64	5.55	<0.5		
A0162448		2.19	2	38	10	100	168	55	4.74	<0.5		
A0162449		2.05	2	46	17	73	173	58	4.37	<0.5		
A0162450		1.96	1	43	31	24	189	54	4.70	<0.5		

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Finalized Date: 24-JUN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19141473

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
A0162451		1.83	<1	1	<5	1	1	2	12.75	<0.5		
A0162452		2.13	3	66	81	23	211	51	4.85	<0.5		
A0162453		1.87	4	44	29	29	219	53	4.83	<0.5		
A0162454		1.97	<1	42	19	38	208	53	4.78	<0.5		
A0162455		2.11	<1	48	11	29	209	55	5.01	<0.5		
A0162456		2.32	<1	30	8	33	209	55	5.11	<0.5		
A0162457		2.08	<1	28	11	35	210	52	4.91	<0.5		
A0162458		1.98	<1	23	8	39	213	52	5.01	<0.5		
A0162459		2.49	<1	20	7	23	203	51	4.86	<0.5		
A0162460		2.48	<1	36	5	18	219	54	4.93	<0.5		
A0162461		2.09	<1	50	7	29	250	54	4.98	<0.5		
A0162462		2.19	<1	48	6	21	236	56	5.23	<0.5		
A0162463		2.53	<1	50	8	22	244	58	5.27	<0.5		
A0162464		2.24	<1	36	6	18	251	58	5.29	<0.5		
A0162465		2.14	<1	46	7	22	223	52	4.74	<0.5		
A0162466		2.24	<1	32	6	15	228	52	4.74	<0.5		
A0162467		2.15	<1	23	<5	20	259	60	5.15	<0.5		
A0162468		2.23	<1	19	<5	20	277	62	5.49	<0.5		
A0162469		2.37	<1	12	<5	19	225	57	4.45	<0.5		
A0162470		1.84	<1	25	5	15	209	51	4.13	<0.5		
A0162471		0.08	225	3260	722	>10000	>10000	970	4.03	4.0	16450	46000
A0162472		2.36	<1	29	8	37	321	59	5.25	<0.5		
A0162473		2.30	<1	23	<5	22	264	61	5.33	<0.5		
A0162474		2.34	<1	15	5	23	249	55	5.07	<0.5		
A0162475		2.42	<1	9	<5	26	284	63	5.90	<0.5		
A0162476		2.40	<1	8	<5	10	279	64	6.05	<0.5		
A0162477		2.22	<1	7	<5	9	235	56	5.08	<0.5		
A0162478		2.40	<1	5	<5	7	275	62	6.18	<0.5		
A0162479		2.22	<1	8	<5	9	244	58	5.49	<0.5		
A0162480		2.39	<1	6	<5	8	246	59	5.46	<0.5		
A0162481		2.61	<1	5	<5	5	256	60	5.77	<0.5		
A0162482		2.37	<1	6	<5	8	265	66	5.92	<0.5		
A0162483		2.34	<1	4	<5	3	265	61	5.61	<0.5		
A0162484		2.28	<1	6	<5	8	264	62	5.61	<0.5		
A0162485		2.38	12	5	<5	8	260	59	5.36	<0.5		
A0162486		2.10	<1	10	<5	5	252	53	5.14	<0.5		
A0162487		2.29	<1	11	<5	14	270	57	5.20	<0.5		
A0162488		0.07	77	628	315	4430	4330	112	3.90	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			