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: 1-AUG-2019
Account: MZI

CERTIFICATE TB19172650

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 15-JUL-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 TB19172650

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
A0153345		2.43	<1	<1	<5	1	1	1	13.05	<0.5		
A0153346		0.07	5450	2020	1280	86	83	61	0.26	0.8		
A0153347		2.56	44	159	64	166	385	54	4.55	<0.5		
A0153348		2.74	94	127	48	417	450	63	5.32	<0.5		
A0153349		2.62	251	543	145	766	598	85	7.31	<0.5		
A0153350		2.53	208	470	109	661	497	74	6.14	<0.5		
A0153351		2.49	65	193	36	244	307	53	4.27	<0.5		
A0153352		2.46	107	195	51	295	375	62	5.52	<0.5		
A0153353		2.20	5	69	14	40	165	34	2.79	<0.5		
A0153354		2.70	3	24	9	95	91	35	2.37	<0.5		
A0153355		2.36	1	30	<5	17	120	30	2.20	<0.5		
A0153356		2.60	<1	40	<5	11	134	29	2.28	<0.5		
A0153357		2.66	2	37	<5	21	124	28	2.10	<0.5		
A0153358		2.47	3	33	<5	29	112	26	1.89	<0.5		
A0153359		2.57	1	34	<5	13	107	26	1.94	<0.5		
A0153360		2.17	1	43	<5	19	104	28	2.02	<0.5		
A0153361		2.38	<1	48	<5	19	95	27	1.85	<0.5		
A0153362		2.20	<1	39	<5	17	94	31	2.27	<0.5		
A0153363		2.30	1	40	<5	21	85	30	2.14	<0.5		
A0153364		2.39	1	42	<5	28	84	31	2.15	<0.5		
A0153365		0.07	56	596	288	4400	4170	109	3.90	2.1		
A0153366		2.12	<1	41	<5	21	79	30	2.02	<0.5		
A0153367		2.29	1	39	<5	33	66	26	1.76	<0.5		
A0153368		2.12	<1	35	<5	20	78	36	2.23	<0.5		
A0153369		2.23	1	35	<5	25	98	39	2.86	<0.5		
A0153370		2.21	3	45	<5	34	77	34	2.36	<0.5		
A0153371		2.59	<1	48	<5	23	82	35	2.32	<0.5		
A0153372		2.16	<1	41	<5	18	96	39	2.74	<0.5		
A0153373		2.30	<1	33	<5	9	84	32	2.27	<0.5		
A0153374		2.24	<1	35	<5	7	88	31	2.27	<0.5		
A0153375		2.17	<1	34	<5	8	98	31	2.34	<0.5		
A0153376		2.27	2	38	<5	27	98	32	2.28	<0.5		
A0153377		2.67	1	48	<5	26	126	39	2.75	<0.5		
A0153378		2.78	<1	50	<5	22	158	42	3.05	<0.5		
A0153379		1.64	<1	67	<5	9	497	69	1.68	<0.5		
A0153380		2.76	<1	40	<5	4	919	133	2.38	<0.5		
A0153381		2.24	20	31	<5	43	237	46	2.28	<0.5		
A0153382		1.92	1	31	8	20	134	33	2.20	<0.5		
A0153383		2.75	1	28	<5	22	121	30	2.01	<0.5		
A0153384		2.27	2	29	<5	20	127	32	2.20	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 1-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19172650

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
A0153385		1.77	<1	<1	<5	1	2	1	13.25	<0.5		
A0153386		2.08	1	34	<5	18	132	35	2.42	<0.5		
A0153387		2.16	2	45	<5	27	117	31	2.16	<0.5		
A0153388		2.14	8	48	<5	72	125	33	2.43	<0.5		
A0153389		2.26	10	61	5	71	130	32	2.48	<0.5		
A0153390		2.12	4	95	18	39	166	38	2.85	<0.5		
A0153391		2.17	7	86	18	65	158	34	2.59	<0.5		
A0153392		2.18	5	93	22	41	189	43	3.31	<0.5		
A0153393		1.86	11	85	14	66	172	39	2.85	<0.5		
A0153394		2.14	5	87	11	32	162	33	2.42	<0.5		
A0153395		2.58	4	80	11	42	147	30	2.09	<0.5		
A0153396		1.74	62	134	20	103	278	60	4.77	<0.5		
A0153397		2.01	55	294	36	109	320	58	5.22	<0.5		
A0153398		2.25	91	1140	120	303	373	52	4.05	<0.5		
A0153399		2.22	109	1430	104	362	380	50	4.03	<0.5		
A0153400		2.17	309	7180	484	893	764	58	4.06	0.5		
A0153401		2.40	78	1680	111	373	378	43	3.40	<0.5		
A0153402		2.02	22	101	10	248	198	30	2.24	<0.5		
A0153403		2.23	38	258	28	328	450	57	5.47	<0.5		
A0153404		1.97	54	422	39	474	578	71	6.31	<0.5		
A0153405		0.12	199	3310	756	>10000	>10000	976	4.08	4.3	16100	45400
A0153406		2.27	52	228	35	551	532	54	3.94	<0.5		
A0153407		2.09	12	228	40	128	300	36	3.19	<0.5		
A0153408		2.04	8	54	6	108	326	47	4.48	<0.5		
A0153409		2.07	6	19	<5	119	153	22	1.71	<0.5		
A0153410		2.11	126	466	67	1360	935	60	3.35	0.9		
A0153411		2.05	145	942	137	1240	886	58	3.78	0.6		
A0153412		2.46	86	616	85	767	704	62	4.69	<0.5		
A0153413		2.15	2	95	7	66	235	48	3.76	<0.5		
A0153414		2.19	3	102	9	37	281	54	4.66	<0.5		
A0153415		2.04	146	714	197	708	538	62	4.65	0.5		
A0153416		2.09	70	258	50	493	415	52	4.02	<0.5		
A0153417		2.40	142	595	115	1030	1195	121	3.22	0.7		
A0153418		2.10	157	699	196	1810	1095	96	1.81	1.1		
A0153419		2.16	125	490	77	1550	961	64	3.28	0.8		
A0153420		2.22	64	377	49	745	797	97	8.31	<0.5		
A0153421		2.24	106	781	73	927	733	68	5.57	0.5		
A0153422		0.07	57	618	293	4510	4340	114	4.02	2.2		

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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			