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: 12-MAY-2019
Account: MZI

CERTIFICATE TB19101544

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 28-APR-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 TB19101544

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
A0129681		1.78	<1	<1	<5	2	6	<1	13.55	<0.5		
A0129682		0.08	4750	2010	1320	88	86	63	0.27	0.7		
A0129683		2.02	28	118	52	283	365	60	4.77	0.6		
A0129684		2.33	2	13	9	15	288	54	5.05	<0.5		
A0129685		2.30	1	25	6	49	309	57	5.03	<0.5		
A0129686		2.03	7	11	10	262	107	43	3.56	<0.5		
A0129687		2.17	8	168	107	46	272	57	4.71	<0.5		
A0129688		2.21	7	114	79	31	264	52	4.39	<0.5		
A0129689		2.22	1	14	6	17	315	59	5.48	<0.5		
A0129690		2.30	25	295	35	114	380	59	5.32	<0.5		
A0129691		2.38	109	1070	114	425	528	66	5.26	<0.5		
A0129692		2.20	<1	15	13	25	327	58	4.96	<0.5		
A0129693		2.11	<1	10	14	17	379	66	5.63	<0.5		
A0129694		2.40	<1	88	41	5	387	84	5.99	<0.5		
A0129695		2.51	<1	31	18	6	484	82	5.05	<0.5		
A0129696		2.19	4	119	73	48	394	78	5.38	<0.5		
A0129697		2.11	<1	30	15	8	398	72	4.98	<0.5		
A0129698		2.40	1	81	20	18	338	79	5.04	<0.5		
A0129699		2.22	<1	44	16	12	315	70	5.25	<0.5		
A0129700		2.44	<1	17	8	9	402	82	3.88	<0.5		
A0129701		0.07	88	611	306	4600	4500	119	4.11	1.8		
A0129702		2.12	1	17	<5	25	189	69	2.74	<0.5		
A0129703		2.04	<1	22	<5	18	195	67	3.34	<0.5		
A0129704		2.19	1	8	<5	25	295	72	2.95	<0.5		
A0129705		2.41	1	11	<5	14	289	73	2.51	<0.5		
A0129706		2.13	<1	5	<5	10	210	63	2.62	<0.5		
A0129707		2.24	2	12	<5	63	168	65	2.84	<0.5		
A0129708		1.88	7	65	13	39	170	55	3.08	<0.5		
A0129709		1.90	11	87	15	128	209	42	3.14	<0.5		
A0129710		2.01	26	148	65	876	392	74	3.90	0.5		
A0129711		1.88	7	38	15	329	206	56	4.99	0.8		
A0129712		2.05	11	69	24	474	348	76	6.62	<0.5		
A0129713		2.09	10	31	24	396	271	79	7.01	0.6		
A0129714		2.02	6	36	28	233	229	61	6.11	0.5		
A0129715		2.08	18	167	77	208	360	65	6.12	0.6		
A0129716		2.08	1	130	51	21	259	53	5.08	<0.5		
A0129717		2.33	2	37	8	39	285	55	5.42	<0.5		
A0129718		1.96	2	43	7	35	267	52	5.25	<0.5		
A0129719		2.12	2	37	5	41	270	51	5.22	<0.5		
A0129720		2.08	1	42	10	43	270	55	5.42	<0.5		

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Finalized Date: 12-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19101544

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
A0129721		1.84	<1	<1	<5	1	5	<1	12.85	<0.5		
A0129722		2.08	2	32	11	72	270	57	5.73	<0.5		
A0129723		2.29	5	44	13	131	319	58	5.55	<0.5		
A0129724		2.49	7	54	16	220	381	61	5.69	<0.5		
A0129725		1.51	30	336	78	727	930	92	7.07	0.6		
A0129726		3.14	37	367	76	1060	1120	103	7.72	0.7		
A0129727		1.33	19	338	59	322	499	75	6.33	0.5		
A0129728		2.60	30	265	76	273	471	47	3.80	<0.5		
A0129729		2.25	2	177	29	37	241	57	5.04	<0.5		
A0129730		2.24	6	268	55	55	269	63	5.71	<0.5		
A0129731		2.29	3	151	28	48	273	63	6.47	<0.5		
A0129732		2.24	3	154	32	47	280	64	7.32	<0.5		
A0129733		2.35	5	120	19	60	260	57	5.70	<0.5		
A0129734		2.21	11	409	68	95	304	68	6.25	<0.5		
A0129735		2.11	12	37	10	148	307	49	4.12	<0.5		
A0129736		2.17	9	31	9	129	259	50	4.76	<0.5		
A0129737		2.36	4	42	12	39	285	63	6.15	0.5		
A0129738		2.15	8	78	19	70	289	59	5.63	<0.5		
A0129739		2.16	6	91	22	80	96	34	2.23	<0.5		
A0129740		1.99	8	322	60	69	256	62	5.53	<0.5		
A0129741		0.08	280	3470	793	>10000	>10000	946	3.91	3.6	16200	45200
A0129742		2.24	13	184	29	126	300	60	5.08	<0.5		
A0129743		2.14	11	105	22	135	320	63	6.16	<0.5		
A0129744		2.20	15	295	37	98	274	57	5.36	<0.5		
A0129745		2.34	11	117	19	74	184	36	3.56	<0.5		
A0129746		2.15	55	268	28	202	392	54	5.31	<0.5		
A0129747		2.18	69	913	84	257	412	53	4.88	<0.5		
A0129748		2.25	81	466	37	377	456	43	3.15	<0.5		
A0129749		2.25	69	1760	166	355	623	63	4.50	<0.5		
A0129750		2.12	153	2890	222	431	857	53	4.46	<0.5		
A0129751		2.43	21	273	35	317	286	76	4.82	<0.5		
A0129752		2.33	9	54	16	326	300	64	4.48	<0.5		
A0129753		2.29	15	66	19	364	388	68	4.94	<0.5		
A0129754		2.21	15	30	11	306	289	58	4.86	<0.5		
A0129755		2.05	4	80	17	116	470	65	8.65	<0.5		
A0129756		2.15	17	240	51	184	336	63	5.32	<0.5		
A0129757		2.27	28	672	112	129	287	64	5.84	<0.5		
A0129758		0.07	76	611	295	4560	4380	113	4.01	1.7		

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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			