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: 30-MAY-2019
Account: MZI

CERTIFICATE TB19121292

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 19-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK DAVE PECK	DENIS DECHARTE LDIM WEBTRIEVE	CLAIRE MCGUINNESS

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 TB19121292

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
A0160149		1.63	<1	1	<5	<1	3	<1	13.65	<0.5		
A0160150		0.07	3940	1540	979	92	91	62	0.29	0.8		
A0160151		2.84	48	373	66	428	596	83	8.03	<0.5		
A0160152		1.41	11	49	8	151	58	5	0.26	<0.5		
A0160153		1.27	17	494	83	135	347	32	0.40	<0.5		
A0160154		1.84	22	180	35	179	502	99	10.15	<0.5		
A0160155		1.60	7	85	18	109	257	54	5.09	<0.5		
A0160156		2.38	11	148	31	114	446	89	9.55	<0.5		
A0160157		2.36	16	152	35	158	552	105	11.35	<0.5		
A0160158		2.10	15	165	37	163	575	109	11.65	<0.5		
A0160159		2.26	13	159	34	138	537	102	11.10	<0.5		
A0160160		2.12	6	75	20	82	429	91	9.88	<0.5		
A0160161		2.44	8	68	22	94	395	85	8.94	<0.5		
A0160162		2.28	4	43	12	67	260	58	5.78	<0.5		
A0160163		1.95	5	67	20	74	361	77	8.04	<0.5		
A0160164		2.22	8	67	14	96	287	60	6.07	<0.5		
A0160165		2.28	22	253	51	180	414	67	7.62	<0.5		
A0160166		2.42	9	123	27	111	467	98	11.00	<0.5		
A0160167		2.30	10	154	34	80	477	95	11.05	<0.5		
A0160168		2.43	13	204	42	128	497	103	10.90	<0.5		
A0160169		0.07	68	619	291	4600	4380	111	4.04	2.1		
A0160170		2.73	9	136	30	87	418	98	10.00	<0.5		
A0160171		2.94	11	115	32	123	384	84	8.34	<0.5		
A0160172		1.71	5	39	9	57	158	32	2.82	<0.5		
A0160173		1.91	6	15	6	118	130	27	2.17	<0.5		
A0160174		1.70	6	52	15	93	297	66	6.35	<0.5		
A0160175		1.41	15	39	10	73	402	100	9.90	<0.5		
A0160176		1.79	4	28	7	66	225	53	5.07	<0.5		
A0160177		1.64	<1	27	8	34	205	42	4.32	<0.5		
A0160178		2.14	<1	13	<5	35	175	36	3.49	<0.5		
A0160179		1.97	1	14	7	54	194	38	3.65	<0.5		
A0160180		1.92	1	14	5	42	188	39	3.89	<0.5		
A0160181		2.17	1	18	6	51	197	40	3.79	<0.5		
A0160182		2.20	3	15	7	95	253	59	5.90	<0.5		
A0160183		2.12	1	11	<5	60	129	30	2.37	<0.5		
A0160184		2.07	1	15	6	71	180	43	3.62	<0.5		
A0160185		2.20	1	13	6	64	175	42	3.80	<0.5		
A0160186		2.19	2	13	5	57	197	46	4.10	<0.5		
A0160187		2.12	1	15	7	57	179	45	3.98	<0.5		
A0160188		2.64	4	23	8	76	230	53	4.71	<0.5		

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Finalized Date: 30-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19121292

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
A0160189		1.55	<1	1	<5	1	1	2	13.75	<0.5		
A0160190		2.22	6	25	7	92	194	46	4.04	<0.5		
A0160191		2.39	3	12	5	83	150	42	3.59	<0.5		
A0160192		2.32	6	13	5	137	202	54	5.34	<0.5		
A0160193		2.18	3	9	5	103	122	31	2.66	<0.5		
A0160194		2.32	4	12	6	145	180	44	4.41	<0.5		
A0160195		2.36	5	12	6	129	197	52	4.89	<0.5		
A0160196		2.37	4	14	6	155	194	48	4.48	<0.5		
A0160197		2.37	5	15	6	120	186	39	3.54	<0.5		
A0160198		2.20	5	28	7	46	92	19	1.31	<0.5		
A0160199		2.41	7	143	29	146	261	47	4.14	<0.5		
A0160200		2.39	2	31	8	125	223	44	4.24	<0.5		
A0160201		1.98	3	117	27	75	172	37	2.31	<0.5		
A0160202		2.08	8	126	40	103	267	45	3.31	<0.5		
A0160203		2.16	62	547	97	635	702	100	8.08	<0.5		
A0160204		2.28	46	241	50	1720	1580	89	5.48	0.8		
A0160205		2.25	35	95	27	1900	2170	104	4.33	1.0		
A0160206		2.24	33	100	26	1520	1205	86	4.14	1.0		
A0160207		2.32	38	167	85	814	507	66	4.85	0.6		
A0160208		2.18	1	50	9	32	167	32	2.93	<0.5		
A0160209		0.08	251	3350	787	>10000	>10000	874	3.87	3.8	16350	47700
A0160210		2.28	<1	33	<5	34	175	34	3.08	<0.5		
A0160211		2.04	<1	36	<5	27	145	34	2.97	<0.5		
A0160212		2.10	<1	31	<5	24	126	29	2.43	<0.5		
A0160213		1.97	<1	32	<5	19	127	29	2.46	<0.5		
A0160214		2.01	<1	29	5	13	136	29	2.48	<0.5		
A0160215		2.10	<1	21	<5	18	142	30	2.60	<0.5		
A0160216		2.04	1	26	<5	43	138	31	2.56	<0.5		
A0160217		2.17	<1	27	<5	17	138	31	2.54	<0.5		
A0160218		2.23	<1	29	<5	14	128	25	2.06	<0.5		
A0160219		2.04	<1	20	<5	18	151	32	2.75	<0.5		
A0160220		2.26	<1	21	<5	10	160	35	3.01	<0.5		
A0160221		2.46	<1	25	<5	8	156	36	2.99	<0.5		
A0160222		2.20	<1	27	<5	8	146	34	2.83	<0.5		
A0160223		2.26	<1	23	<5	19	144	34	2.75	<0.5		
A0160224		2.29	<1	18	<5	21	171	41	3.22	<0.5		
A0160225		2.18	1	17	<5	10	186	42	3.48	<0.5		
A0160226		0.07	60	598	304	4440	4210	110	4.08	2.0		

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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			