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: 21-JUN-2019
Account: MZI

CERTIFICATE TB19139991

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 8-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 TB19139991

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
A0160539		1.90	<1	1	<5	1	2	<1	12.95	<0.5		
A0160540		0.08	4590	1990	1300	91	91	66	0.28	0.8		
A0160541		2.64	8	14	6	280	113	30	3.04	0.5		
A0160542		2.60	3	18	5	154	115	30	2.67	<0.5		
A0160543		2.48	1	15	<5	56	106	28	2.70	<0.5		
A0160544		2.47	1	29	7	60	168	44	4.26	<0.5		
A0160545		2.46	<1	16	6	31	124	33	3.55	<0.5		
A0160546		2.54	2	17	6	53	119	30	3.29	<0.5		
A0160547		2.60	6	17	5	39	134	36	3.98	<0.5		
A0160548		2.52	2	23	7	51	139	36	3.53	<0.5		
A0160549		2.59	4	181	68	117	194	52	4.85	<0.5		
A0160550		3.12	8	62	<5	168	220	50	4.94	<0.5		
A0160551		1.67	44	752	137	318	552	61	4.53	<0.5		
A0160552		2.54	18	265	45	164	383	51	4.52	<0.5		
A0160553		2.48	67	684	130	479	649	74	5.68	0.5		
A0160554		2.47	10	52	8	113	109	18	1.15	<0.5		
A0160555		2.34	22	162	49	246	379	67	5.43	<0.5		
A0160556		2.29	5	94	9	103	268	50	4.53	<0.5		
A0160557		2.39	<1	45	<5	28	150	32	2.77	<0.5		
A0160558		2.43	1	51	5	32	131	27	2.05	<0.5		
A0160559		0.07	94	604	316	4440	4310	110	3.90	2.2		
A0160560		2.65	1	49	<5	31	129	26	1.66	<0.5		
A0160561		2.51	1	39	<5	41	160	31	2.03	<0.5		
A0160562		2.46	<1	27	<5	12	233	49	4.06	<0.5		
A0160563		2.64	<1	18	<5	5	287	60	5.02	<0.5		
A0160564		2.40	<1	22	<5	16	269	54	4.64	<0.5		
A0160565		2.34	6	170	53	52	391	80	6.87	<0.5		
A0160566		2.69	5	188	69	27	238	46	3.62	<0.5		
A0160567		2.19	<1	85	<5	29	257	55	4.31	<0.5		
A0160568		2.25	<1	65	<5	19	254	51	4.17	<0.5		
A0160569		2.63	<1	143	9	15	280	54	4.51	<0.5		
A0160570		2.20	<1	56	6	18	460	88	7.85	<0.5		
A0160571		2.61	7	341	227	27	480	89	8.07	<0.5		
A0160572		2.37	1	174	51	47	293	60	4.44	<0.5		
A0160573		2.42	<1	37	<5	19	289	60	4.74	<0.5		
A0160574		2.31	<1	32	<5	44	179	47	3.50	<0.5		
A0160575		2.22	6	39	11	41	271	54	4.53	<0.5		
A0160576		2.74	<1	71	53	21	254	48	4.05	<0.5		
A0160577		2.08	<1	47	12	29	277	51	4.61	<0.5		
A0160578		2.24	4	223	33	67	335	56	4.83	<0.5		

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Finalized Date: 21-JUN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19139991

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
A0160579		1.38	<1	1	<5	1	4	1	13.30	<0.5		
A0160580		2.24	7	122	13	85	288	54	4.77	<0.5		
A0160581		2.73	2	26	<5	28	138	30	3.05	<0.5		
A0160582		1.54	<1	46	6	46	250	44	3.75	<0.5		
A0160583		2.33	135	645	133	1340	853	68	4.13	0.8		
A0160584		2.25	2	20	<5	36	277	53	4.13	<0.5		
A0160585		2.34	15	21	20	52	296	50	3.96	<0.5		
A0160586		2.31	2	14	8	29	259	46	3.71	<0.5		
A0160587		2.35	2	27	<5	25	244	45	3.55	<0.5		
A0160588		2.25	6	104	10	38	263	49	4.09	<0.5		
A0160589		2.35	3	122	8	26	274	52	4.08	<0.5		
A0160590		2.33	1	76	11	23	272	54	4.69	<0.5		
A0160591		2.34	10	186	18	69	311	60	4.95	<0.5		
A0160592		2.32	1	59	8	16	223	46	4.12	<0.5		
A0160593		2.15	<1	56	7	12	178	40	3.23	<0.5		
A0160594		2.26	<1	49	<5	18	171	42	3.37	<0.5		
A0160595		2.33	1	63	5	13	177	44	3.61	<0.5		
A0160596		2.18	<1	59	6	11	175	45	3.63	<0.5		
A0160597		2.45	<1	56	7	15	170	42	3.52	<0.5		
A0160598		2.35	<1	62	10	13	171	43	3.59	<0.5		
A0160599		0.08	252	3450	779	>10000	>10000	925	4.01	3.9	16450	46800
A0160600		2.39	<1	54	8	27	212	43	3.52	<0.5		
A0160601		2.44	<1	74	9	24	177	40	3.31	<0.5		
A0160602		2.19	<1	62	6	22	176	43	3.38	<0.5		
A0160603		2.38	<1	56	9	26	185	43	3.54	<0.5		
A0160604		2.34	1	94	15	56	213	49	3.92	<0.5		
A0160605		2.24	<1	70	9	29	169	45	3.36	<0.5		
A0160606		2.29	3	69	12	61	180	44	3.32	<0.5		
A0160607		2.20	1	134	22	36	174	42	3.19	<0.5		
A0160608		2.26	5	175	28	96	198	44	3.41	<0.5		
A0160609		2.14	1	63	5	16	157	39	2.82	<0.5		
A0160610		2.52	2	46	5	17	174	42	3.30	<0.5		
A0160611		2.31	2	29	5	42	183	43	3.35	<0.5		
A0160612		2.34	2	39	5	21	182	42	3.15	<0.5		
A0160613		2.24	1	41	<5	27	160	38	2.72	<0.5		
A0160614		2.19	1	44	<5	20	160	36	2.74	<0.5		
A0160615		2.36	<1	54	<5	32	182	39	3.07	<0.5		
A0160616		0.07	107	607	300	4350	4220	107	3.95	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			