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: 2-AUG-2019
Account: MZI

CERTIFICATE TB19172678

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	SAM DAVIES	DENIS DECHARTE
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 TB19172678

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
A0163113		1.88	<1	<1	<5	7	3	<1	13.35	1.2		
A0163114		0.08	4670	2040	1320	88	87	64	0.26	0.8		
A0163115		2.43	5	233	37	222	462	62	7.82	<0.5		
A0163116		2.36	2	232	49	90	426	56	7.99	<0.5		
A0163117		2.28	2	250	49	107	465	62	8.10	<0.5		
A0163118		2.31	<1	234	48	108	481	64	8.28	<0.5		
A0163119		2.21	<1	189	40	75	464	60	8.43	<0.5		
A0163120		2.18	54	124	42	228	229	41	4.50	<0.5		
A0163121		2.34	77	113	14	595	100	36	2.12	<0.5		
A0163122		2.43	13	93	30	122	181	37	3.84	<0.5		
A0163123		2.43	1	203	71	71	363	53	6.67	<0.5		
A0163124		2.44	7	147	28	196	396	54	6.07	<0.5		
A0163125		2.27	8	73	19	336	442	68	6.77	<0.5		
A0163126		2.50	11	191	37	229	476	58	6.43	<0.5		
A0163127		2.22	15	640	106	238	597	73	8.63	<0.5		
A0163128		2.30	10	723	100	271	534	67	7.12	<0.5		
A0163129		2.38	1	348	70	108	436	61	7.65	<0.5		
A0163130		2.24	2	440	89	101	426	55	7.39	<0.5		
A0163131		2.43	3	426	79	136	535	72	9.54	<0.5		
A0163132		2.45	5	391	68	170	514	64	8.20	<0.5		
A0163133		0.07	92	619	284	4450	4320	116	3.93	1.9		
A0163134		2.42	8	572	156	117	517	63	8.25	<0.5		
A0163135		2.50	5	79	19	162	287	54	5.32	<0.5		
A0163136		1.08	11	20	7	161	268	50	5.03	<0.5		
A0163137		1.40	<1	6	<5	110	53	34	1.99	<0.5		
A0163138		1.73	1	12	<5	113	73	35	2.13	<0.5		
A0163139		2.10	1	31	5	95	99	35	2.62	<0.5		
A0163140		2.11	2	42	8	61	158	39	3.51	<0.5		
A0163141		2.28	4	43	7	67	158	38	3.45	<0.5		
A0163142		1.05	7	18	<5	97	51	32	2.01	<0.5		
A0163143		1.09	<1	1	<5	117	34	24	1.71	<0.5		
A0163144		2.08	<1	<1	<5	32	24	16	1.30	<0.5		
A0163145		2.11	2	68	5	81	50	25	1.86	<0.5		
A0163146		1.99	<1	1	<5	45	22	18	1.38	<0.5		
A0163147		2.12	<1	<1	<5	58	23	15	1.17	<0.5		
A0163148		2.19	31	161	9	129	59	9	0.60	<0.5		
A0163149		2.60	<1	7	<5	34	46	21	1.78	<0.5		
A0163150		1.82	83	789	81	497	606	59	4.84	<0.5		
A0163151		2.05	79	506	54	494	491	55	4.98	<0.5		
A0163152		2.12	84	418	67	566	592	60	5.31	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 2-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19172678

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
A0163153		1.35	<1	<1	<5	2	1	<1	13.30	<0.5		
A0163154		2.50	87	308	62	578	616	60	5.41	<0.5		
A0163155		2.33	27	103	19	352	393	46	4.77	<0.5		
A0163156		2.42	34	108	14	507	398	46	3.57	<0.5		
A0163157		2.56	12	25	7	227	292	47	5.09	<0.5		
A0163158		2.45	18	211	24	295	329	52	4.65	<0.5		
A0163159		2.47	14	35	8	250	249	43	3.63	<0.5		
A0163160		2.53	12	25	7	233	197	40	3.23	<0.5		
A0163161		2.51	16	224	18	211	219	23	1.84	<0.5		
A0163162		2.48	6	22	8	119	159	41	3.36	<0.5		
A0163163		1.70	4	30	13	83	153	49	4.86	<0.5		
A0163164		1.70	62	309	72	510	536	55	5.04	<0.5		
A0163165		1.46	44	228	52	430	487	48	4.22	<0.5		
A0163166		2.38	8	60	28	105	268	38	3.83	<0.5		
A0163167		2.44	22	149	42	233	344	40	3.98	<0.5		
A0163168		2.36	37	346	69	378	549	47	4.02	<0.5		
A0163169		2.40	22	132	45	167	348	40	3.78	<0.5		
A0163170		2.48	16	161	45	175	311	36	3.92	<0.5		
A0163171		2.49	67	416	67	670	699	52	4.54	0.9		
A0163172		2.44	13	121	38	166	275	39	3.74	<0.5		
A0163173		0.08	214	3350	778	>10000	>10000	922	3.69	3.7	15850	44700
A0163174		2.41	10	76	37	126	254	39	3.74	<0.5		
A0163175		2.35	26	145	44	288	291	38	3.69	<0.5		
A0163176		2.28	12	99	35	107	228	37	3.67	<0.5		
A0163177		2.11	7	80	38	84	223	36	3.62	<0.5		
A0163178		2.57	20	82	35	197	225	33	3.62	<0.5		
A0163179		2.10	14	109	38	201	226	35	3.69	<0.5		
A0163180		2.20	1	69	36	90	212	34	3.49	0.5		
A0163181		2.38	7	69	23	94	203	51	3.22	<0.5		
A0163182		2.11	1	68	31	30	209	28	3.40	<0.5		
A0163183		2.02	8	110	53	97	222	29	3.14	<0.5		
A0163184		2.27	12	128	47	117	272	36	3.67	<0.5		
A0163185		2.25	23	141	53	217	245	35	3.64	<0.5		
A0163186		2.19	69	260	67	800	357	65	3.46	<0.5		
A0163187		2.24	6	111	42	74	218	34	3.57	<0.5		
A0163188		2.21	18	112	39	209	222	44	3.71	<0.5		
A0163189		2.30	177	1340	162	1160	1130	61	4.76	0.8		
A0163190		0.07	71	603	290	4260	4190	112	3.77	1.9		

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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			