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: 29-JUL-2019
Account: MZI

CERTIFICATE TB19163062

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 4-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 TB19163062

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
A0153579		1.81	<1	1	<5	2	3	<1	14.05	<0.5		
A0153580		0.08	4950	2010	1300	86	86	63	0.27	0.9		
A0153581		2.77	<1	20	<5	17	323	106	3.44	<0.5		
A0153582		2.78	<1	21	<5	18	152	51	3.51	<0.5		
A0153583		2.66	1	42	<5	18	253	62	2.88	<0.5		
A0153584		2.96	2	57	9	23	187	64	2.13	<0.5		
A0153585		2.48	22	28	125	32	140	63	1.95	<0.5		
A0153586		2.86	11	32	27	31	572	111	2.35	<0.5		
A0153587		3.09	7	25	12	57	792	128	2.28	<0.5		
A0153588		2.94	<1	32	<5	48	743	126	2.44	<0.5		
A0153589		3.01	2	41	<5	56	687	112	1.90	<0.5		
A0153590		2.78	12	44	13	70	597	103	2.07	<0.5		
A0153591		3.00	4	33	<5	75	696	115	2.61	<0.5		
A0153592		2.89	<1	57	<5	20	535	89	2.14	<0.5		
A0153593		2.80	<1	55	<5	27	386	72	2.54	<0.5		
A0153594		2.73	1	59	<5	25	478	90	3.28	<0.5		
A0153595		3.03	1	39	<5	71	450	88	3.37	<0.5		
A0153596		2.69	<1	51	<5	38	481	85	3.15	<0.5		
A0153597		2.88	1	47	<5	31	440	82	3.51	<0.5		
A0153598		2.73	<1	22	<5	14	478	77	2.06	<0.5		
A0153599		0.07	76	614	281	4580	4420	116	4.19	2.0		
A0153600		2.91	<1	27	<5	26	538	86	2.56	<0.5		
A0153601		2.79	<1	29	<5	17	563	89	2.15	<0.5		
A0153602		2.62	1	28	<5	18	606	100	2.13	<0.5		
A0153603		2.56	1	15	<5	26	764	128	3.30	<0.5		
A0153604		2.05	<1	51	<5	36	725	124	3.13	<0.5		
A0153605		1.16	2	52	6	50	261	49	2.30	<0.5		
A0153606		2.65	1	37	7	92	309	60	3.15	<0.5		
A0153607		2.53	7	87	6	58	169	38	2.28	<0.5		
A0153608		3.06	5	88	13	87	133	35	2.25	<0.5		
A0153609		2.64	43	277	41	280	274	47	3.48	<0.5		
A0153610		2.83	110	756	117	624	564	59	4.11	<0.5		
A0153611		2.52	38	149	20	268	290	40	3.53	<0.5		
A0153612		2.60	21	105	19	174	323	50	4.57	<0.5		
A0153613		2.74	12	62	6	139	218	34	3.20	<0.5		
A0153614		2.52	21	526	42	160	297	38	3.49	<0.5		
A0153615		2.64	19	64	12	121	232	33	2.95	<0.5		
A0153616		2.69	47	353	40	252	434	50	4.88	<0.5		
A0153617		2.40	58	174	28	405	514	60	5.56	<0.5		
A0153618		2.17	27	147	24	187	282	40	3.53	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19163062

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
A0153619		1.69	<1	1	<5	1	2	<1	12.80	<0.5		
A0153620		2.14	40	149	24	214	288	39	3.18	<0.5		
A0153621		2.12	29	145	25	173	320	47	3.97	<0.5		
A0153622		2.32	79	289	55	416	452	62	4.61	<0.5		
A0153623		2.27	30	185	37	247	296	63	4.21	<0.5		
A0153624		2.31	59	357	70	344	490	56	4.94	<0.5		
A0153625		2.23	136	462	81	746	786	71	5.67	<0.5		
A0153626		2.29	243	791	132	1120	1000	75	5.59	<0.5		
A0153627		2.03	59	222	43	420	553	50	4.42	<0.5		
A0153628		2.20	64	344	56	356	467	45	3.59	<0.5		
A0153629		2.28	78	435	67	501	587	60	4.99	<0.5		
A0153630		2.30	40	147	23	297	359	42	3.52	<0.5		
A0153631		2.16	24	75	15	192	352	54	4.92	<0.5		
A0153632		2.17	25	73	14	214	256	49	4.19	<0.5		
A0153633		2.31	16	72	10	101	285	50	4.73	<0.5		
A0153634		2.25	21	127	16	191	281	47	4.44	0.5		
A0153635		2.29	19	151	21	150	222	41	3.43	<0.5		
A0153636		2.20	140	554	71	2570	1380	86	4.29	1.2		
A0153637		2.21	45	132	18	784	466	41	2.51	<0.5		
A0153638		2.11	20	82	17	606	379	36	2.74	<0.5		
A0153639		0.08	238	3420	796	>10000	>10000	949	3.87	4.1	16250	46200
A0153640		2.25	23	332	57	791	542	31	1.38	1.1		
A0153641		2.56	23	253	44	353	682	112	1.67	<0.5		
A0153642		1.68	3	36	<5	98	311	42	0.51	<0.5		
A0153643		0.97	18	148	19	88	1275	205	1.36	<0.5		
A0153644		2.56	5	26	<5	67	417	83	4.04	<0.5		
A0153645		2.44	3	50	<5	50	268	49	4.21	<0.5		
A0153646		2.53	39	127	36	336	416	63	5.05	<0.5		
A0153647		2.45	41	186	41	462	502	53	3.59	<0.5		
A0153648		2.63	2	39	6	85	53	7	0.50	<0.5		
A0153649		2.59	20	205	47	376	269	26	1.56	<0.5		
A0153650		2.19	46	1210	103	196	455	68	8.03	<0.5		
A0153651		1.49	27	1540	170	242	493	76	8.75	<0.5		
A0153652		1.32	32	298	51	454	464	56	4.76	<0.5		
A0153653		2.20	20	242	46	485	467	55	4.40	0.5		
A0153654		2.29	<1	86	13	72	157	27	2.07	<0.5		
A0153655		1.59	19	29	<5	1170	371	116	3.96	1.4		
A0153656		0.07	84	594	292	4250	4100	108	3.73	1.8		

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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			