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: 28-JUN-2019
Account: MZI

CERTIFICATE TB19146183

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 16-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 TB19146183

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
A0160695		1.18	1	<1	<5	1	1	<1	13.65	<0.5		
A0160696		0.08	4710	2030	1300	88	85	63	0.26	0.8		
A0160697		2.41	33	197	27	388	450	64	5.43	<0.5		
A0160698		2.41	42	164	22	258	394	58	5.18	<0.5		
A0160699		2.46	17	98	16	196	353	50	4.31	<0.5		
A0160700		2.53	16	115	12	177	368	52	4.90	<0.5		
A0160701		2.53	11	178	20	83	434	51	4.57	<0.5		
A0160702		2.50	41	327	56	415	530	60	4.68	<0.5		
A0160703		2.51	16	216	32	151	358	56	4.73	<0.5		
A0160704		1.81	22	353	41	170	252	24	1.48	<0.5		
A0160705		1.97	185	2230	182	524	510	57	4.01	<0.5		
A0160706		1.17	948	9610	735	2130	1535	101	5.55	0.7		
A0160707		2.43	754	7210	541	1730	1330	100	6.62	<0.5		
A0160708		2.65	437	4110	302	1070	897	76	5.61	<0.5		
A0160709		2.64	139	1480	166	484	550	60	4.70	<0.5		
A0160710		2.57	50	481	77	147	297	47	4.39	<0.5		
A0160711		2.55	83	1740	184	358	517	62	6.15	<0.5		
A0160712		2.42	8	131	26	50	226	36	3.70	<0.5		
A0160713		2.50	9	93	31	53	236	36	3.68	<0.5		
A0160714		2.43	11	105	30	67	207	32	3.24	<0.5		
A0160715		0.07	78	595	300	4590	4410	113	3.97	1.8		
A0160716		2.54	14	449	98	82	226	34	3.26	<0.5		
A0160717		2.58	13	487	76	110	193	30	2.57	<0.5		
A0160718		2.62	4	132	29	16	286	35	3.97	<0.5		
A0160719		2.50	94	625	84	627	394	52	3.25	<0.5		
A0160720		2.59	61	594	73	293	472	58	5.14	<0.5		
A0160721		2.40	88	1460	111	407	756	62	6.09	<0.5		
A0160722		2.20	35	672	60	266	543	61	5.65	<0.5		
A0160723		2.42	104	1820	147	425	525	60	4.43	<0.5		
A0160724		2.28	81	2230	197	294	437	50	2.95	<0.5		
A0160725		2.37	75	490	75	435	420	55	3.99	<0.5		
A0160726		2.44	18	173	33	96	375	46	4.57	<0.5		
A0160727		2.33	28	128	21	360	427	65	2.97	<0.5		
A0160728		2.14	16	210	33	221	507	57	6.40	<0.5		
A0160729		2.45	18	180	28	201	386	48	5.37	<0.5		
A0160730		2.49	41	446	48	231	287	74	4.18	<0.5		
A0160731		2.50	387	5430	359	778	818	73	5.00	<0.5		
A0160732		2.41	286	3340	234	517	686	62	4.81	<0.5		
A0160733		2.47	527	4030	276	820	874	72	5.49	<0.5		
A0160734		2.57	664	4830	335	978	1060	80	5.81	0.5		

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Finalized Date: 28-JUN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19146183

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
A0160735		1.34	1	10	<5	5	3	<1	13.15	<0.5		
A0160736		2.57	688	5840	406	1215	1310	84	5.58	<0.5		
A0160737		2.28	540	3810	329	1050	1160	77	5.29	<0.5		
A0160738		2.53	676	4270	372	1245	1195	73	4.96	0.6		
A0160739		2.19	164	996	117	456	701	56	5.76	<0.5		
A0160740		2.62	316	2360	164	664	823	57	4.97	<0.5		
A0160741		2.34	96	1270	123	405	542	58	5.77	<0.5		
A0160742		2.22	37	351	58	162	460	53	5.81	<0.5		
A0160743		2.33	242	2050	170	543	761	68	5.82	0.6		
A0160744		2.37	95	660	64	249	558	57	6.00	<0.5		
A0160745		2.18	124	742	56	343	669	56	5.81	<0.5		
A0160746		2.58	168	2720	204	584	816	55	4.83	<0.5		
A0160747		2.31	111	2520	235	377	550	57	4.57	<0.5		
A0160748		2.28	35	604	55	92	304	41	3.36	<0.5		
A0160749		2.09	29	20	5	76	282	45	3.87	<0.5		
A0160750		2.28	15	8	6	82	202	47	3.59	<0.5		
A0160751		2.22	17	9	7	83	272	49	4.12	<0.5		
A0160752		2.23	21	14	7	81	285	49	4.13	<0.5		
A0160753		2.18	14	15	9	58	248	41	3.59	<0.5		
A0160754		2.16	26	12	6	77	260	43	3.76	<0.5		
A0160755		0.08	223	3410	805	>10000	>10000	990	4.08	4.1	15550	43400
A0160756		2.25	20	14	<5	79	297	45	3.71	<0.5		
A0160757		2.13	21	15	6	87	269	42	3.53	<0.5		
A0160758		2.26	23	20	9	76	258	42	3.62	<0.5		
A0160759		2.23	30	144	14	104	265	40	3.20	<0.5		
A0160760		2.32	63	1300	108	207	331	45	3.59	<0.5		
A0160761		2.22	70	982	79	256	330	47	3.65	<0.5		
A0160762		2.09	162	6180	459	678	1100	63	3.86	<0.5		
A0160763		2.21	103	3470	268	262	618	43	3.52	<0.5		
A0160764		2.11	31	769	70	224	501	45	3.93	<0.5		
A0160765		2.27	3	8	<5	49	291	48	4.33	<0.5		
A0160766		2.18	4	7	<5	43	355	59	4.69	<0.5		
A0160767		1.93	2	36	<5	29	344	59	5.44	<0.5		
A0160768		1.04	<1	6	<5	19	325	56	5.37	<0.5		
A0160769		1.39	<1	5	<5	24	348	61	5.69	<0.5		
A0160770		2.18	<1	4	<5	21	353	63	5.64	<0.5		
A0160771		2.34	<1	7	<5	21	327	59	5.44	<0.5		
A0160772		0.07	87	601	297	4420	4260	110	3.86	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			