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-JUL-2019
Account: MZI

CERTIFICATE TB19168107

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 9-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 TB19168107

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
A0163035		1.90	1	<1	<5	1	2	1	13.20	<0.5		
A0163036		0.08	4550	2060	1310	86	86	63	0.26	0.8		
A0163037		2.31	91	324	55	420	482	53	5.04	<0.5		
A0163038		2.22	88	327	68	505	527	60	5.21	<0.5		
A0163039		1.58	22	141	13	167	290	53	5.31	<0.5		
A0163040		1.81	18	66	11	195	263	49	4.70	<0.5		
A0163041		1.31	6	3	<5	124	82	19	1.56	<0.5		
A0163042		2.18	33	289	31	598	344	31	1.14	0.5		
A0163043		2.00	31	200	19	545	216	27	1.62	0.6		
A0163044		2.25	22	69	6	252	165	48	3.47	<0.5		
A0163045		2.28	30	148	13	220	178	22	1.55	<0.5		
A0163046		1.24	160	989	84	776	806	53	4.34	<0.5		
A0163047		1.64	54	357	36	260	303	28	2.13	<0.5		
A0163048		1.76	26	179	26	198	315	46	4.90	<0.5		
A0163049		2.33	353	1420	269	1020	1460	72	5.44	<0.5		
A0163050		2.39	24	192	28	215	425	54	6.17	<0.5		
A0163051		2.41	354	2870	280	2120	2020	89	6.07	0.8		
A0163052		2.44	240	1840	224	1535	1500	71	5.34	0.6		
A0163053		2.27	24	439	44	196	464	50	5.70	<0.5		
A0163054		2.31	250	1680	166	1355	1395	73	5.70	0.6		
A0163055		0.07	86	615	325	4560	4380	114	3.96	2.0		
A0163056		2.65	14	77	20	115	307	47	5.50	<0.5		
A0163057		2.27	47	170	34	262	406	50	5.92	<0.5		
A0163058		2.29	55	99	25	129	369	45	5.81	<0.5		
A0163059		2.48	25	159	22	184	407	46	5.56	<0.5		
A0163060		2.21	18	84	21	172	392	52	6.22	<0.5		
A0163061		2.52	17	130	26	172	397	50	6.28	<0.5		
A0163062		2.21	16	158	24	162	407	50	6.38	<0.5		
A0163063		2.27	57	314	38	310	478	55	6.59	<0.5		
A0163064		2.49	135	442	63	581	710	60	5.97	<0.5		
A0163065		2.47	78	417	81	411	597	55	6.18	<0.5		
A0163066		2.44	97	824	136	785	796	49	4.39	<0.5		
A0163067		2.48	23	353	64	234	503	43	4.77	<0.5		
A0163068		2.39	115	1700	190	1240	1235	66	5.76	0.6		
A0163069		2.33	12	157	41	147	347	48	6.06	<0.5		
A0163070		2.34	9	162	47	117	425	57	7.33	<0.5		
A0163071		2.31	29	332	70	354	493	40	4.55	<0.5		
A0163072		2.26	11	239	53	169	425	58	7.17	<0.5		
A0163073		2.39	73	480	71	479	631	57	6.36	<0.5		
A0163074		2.35	49	572	102	529	674	60	6.12	<0.5		

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Finalized Date: 30-JUL-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19168107

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
A0163075		0.86	<1	3	<5	3	1	<1	13.05	<0.5		
A0163076		2.40	143	1300	148	983	1020	69	7.46	<0.5		
A0163077		2.46	101	855	138	672	745	61	6.57	<0.5		
A0163078		2.34	149	1680	201	1220	1220	71	6.80	<0.5		
A0163079		2.42	26	585	76	402	578	56	6.81	<0.5		
A0163080		2.39	17	306	74	373	423	41	4.72	<0.5		
A0163081		2.53	70	1130	160	914	1015	61	5.23	0.6		
A0163082		2.46	49	2300	186	2030	1730	82	6.35	1.6		
A0163083		2.55	25	105	21	266	423	44	5.51	<0.5		
A0163084		2.60	182	2230	211	1180	1620	76	6.73	0.9		
A0163085		2.44	22	249	35	286	558	56	6.37	<0.5		
A0163086		2.46	20	270	55	248	514	49	5.86	<0.5		
A0163087		2.49	39	760	95	466	661	55	5.99	<0.5		
A0163088		2.38	20	578	67	310	540	53	6.23	<0.5		
A0163089		2.40	51	1620	207	1015	1315	68	5.47	0.8		
A0163090		2.60	7	159	24	134	375	45	4.92	<0.5		
A0163091		2.44	10	141	22	148	345	47	5.45	<0.5		
A0163092		2.48	17	454	48	309	472	49	5.25	<0.5		
A0163093		2.58	6	256	23	272	202	21	1.99	<0.5		
A0163094		2.45	16	147	29	223	371	46	5.60	<0.5		
A0163095		0.08	228	3430	808	>10000	>10000	983	4.07	4.2	16700	48000
A0163096		2.53	57	252	41	308	478	56	6.06	<0.5		
A0163097		2.51	33	313	36	310	493	56	6.23	<0.5		
A0163098		2.57	173	1100	114	949	850	64	5.93	<0.5		
A0163099		2.53	83	860	76	595	701	64	6.06	0.7		
A0163100		2.53	100	2320	149	1685	1250	66	5.53	8.5		
A0163101		2.58	27	610	52	430	527	73	5.48	1.6		
A0163102		2.59	12	273	29	220	360	54	5.81	<0.5		
A0163103		2.55	7	214	37	161	364	55	6.57	<0.5		
A0163104		2.50	4	151	29	91	371	56	7.17	<0.5		
A0163105		2.54	4	158	29	130	397	62	7.71	<0.5		
A0163106		2.63	2	135	30	92	405	60	7.61	<0.5		
A0163107		2.43	3	159	38	93	397	59	7.67	<0.5		
A0163108		2.51	3	95	26	168	369	58	7.10	<0.5		
A0163109		2.66	2	157	30	92	414	58	7.69	<0.5		
A0163110		2.47	2	176	34	75	424	59	8.02	<0.5		
A0163111		2.64	6	202	32	109	377	51	6.60	<0.5		
A0163112		0.07	92	614	287	4330	4170	109	3.85	2.1		

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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			