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: 19-OCT-2019
Account: MZI

CERTIFICATE TB19247055

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 1-OCT-2019.

The following have access to data associated with this certificate:

MATT BODNAR DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK

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:

Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS TB19247055

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
PP19-100859		1.74	<1	1	<5	5	9	<1	13.60	<0.5		
PP19-100860		0.07	4590	2010	1270	89	88	63	0.27	0.9		
PP19-100861		2.35	23	66	8	301	333	52	4.55	<0.5		
PP19-100862		2.22	10	29	5	242	290	56	4.92	<0.5		
PP19-100863		2.21	6	19	<5	211	253	55	4.59	0.5		
PP19-100864		1.94	12	43	5	374	450	67	5.65	0.5		
PP19-100865		2.03	13	63	37	387	469	60	5.15	<0.5		
PP19-100866		2.29	25	117	16	645	689	77	6.65	0.7		
PP19-100867		1.47	23	51	9	739	651	75	5.98	0.6		
PP19-100868		1.41	12	72	7	355	447	72	6.04	0.5		
PP19-100869		1.33	8	39	<5	295	390	59	4.86	<0.5		
PP19-100870		2.40	8	9	<5	396	530	85	7.15	<0.5		
PP19-100871		2.28	6	28	<5	351	499	82	6.19	<0.5		
PP19-100872		2.18	1	56	6	183	369	58	4.62	<0.5		
PP19-100873		2.17	10	3	<5	523	269	71	4.68	<0.5		
PP19-100874		2.12	1	7	<5	368	323	68	4.54	<0.5		
PP19-100875		2.14	1	4	<5	237	315	75	5.50	<0.5		
PP19-100876		2.03	3	41	<5	307	291	64	4.15	<0.5		
PP19-100877		2.00	10	246	16	452	396	70	4.58	<0.5		
PP19-100878		2.01	15	263	16	355	303	60	4.66	<0.5		
PP19-100879		0.07	53	590	306	4470	4320	112	3.92	2.2		
PP19-100880		2.16	1	44	5	298	299	69	4.20	<0.5		
PP19-100881		2.07	<1	29	<5	300	285	69	4.41	<0.5		
PP19-100882		2.31	2	61	7	416	279	71	4.47	<0.5		
PP19-100883		2.00	2	18	<5	199	146	38	3.25	<0.5		
PP19-100884		2.09	1	4	<5	91	114	25	2.53	<0.5		
PP19-100885		2.19	1	16	<5	112	176	36	3.74	<0.5		
PP19-100886		2.16	1	51	12	397	371	62	4.31	<0.5		
PP19-100887		2.29	<1	33	5	389	327	58	4.06	<0.5		
PP19-100888		2.04	<1	10	<5	349	260	60	3.98	<0.5		
PP19-100889		2.35	<1	23	<5	270	301	66	4.52	<0.5		
PP19-100890		2.26	1	25	<5	251	225	59	4.63	<0.5		
PP19-100891		2.37	1	6	<5	218	332	66	4.61	<0.5		
PP19-100892		2.29	1	11	<5	138	268	56	4.48	<0.5		
PP19-100893		2.36	1	12	<5	226	237	67	4.81	<0.5		
PP19-100894		2.43	1	119	9	373	302	73	4.61	<0.5		
PP19-100895		2.36	2	26	<5	392	361	89	4.70	<0.5		
PP19-100896		2.03	3	31	<5	420	287	86	5.54	<0.5		
PP19-100897		2.29	5	60	5	209	262	46	3.12	<0.5		
PP19-100898		2.20	5	188	16	134	403	53	4.38	<0.5		

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Finalized Date: 19-OCT-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19247055

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
PP19-100899		1.63	<1	<1	<5	1	<1	1	13.15	1.0		
PP19-100900		2.13	3	41	<5	128	322	50	5.07	<0.5		
PP19-100901		2.29	5	118	7	203	307	55	4.75	<0.5		
PP19-100902		2.25	3	19	<5	120	253	52	5.14	<0.5		
PP19-100903		2.17	24	76	7	356	491	46	3.21	<0.5		
PP19-100904		2.37	16	112	9	421	480	60	4.74	<0.5		
PP19-100905		2.16	<1	<1	<5	103	158	41	4.68	<0.5		
PP19-100906		2.24	2	93	10	269	216	55	4.84	<0.5		
PP19-100907		2.29	9	205	11	303	260	58	4.84	<0.5		
PP19-100908		2.29	30	181	17	531	443	72	5.32	<0.5		
PP19-100909		2.13	32	295	16	364	480	60	4.74	<0.5		
PP19-100910		2.11	18	75	5	274	290	51	4.71	<0.5		
PP19-100911		2.22	7	156	12	190	371	53	4.70	<0.5		
PP19-100912		2.30	9	154	11	270	311	54	4.79	<0.5		
PP19-100913		2.18	10	118	15	407	401	57	4.52	<0.5		
PP19-100914		2.25	2	9	<5	264	256	56	5.41	<0.5		
PP19-100915		2.28	12	349	27	270	341	56	4.85	<0.5		
PP19-100916		2.32	2	2	<5	136	200	51	4.93	<0.5		
PP19-100917		2.22	2	6	<5	181	254	55	4.75	<0.5		
PP19-100918		2.14	<1	<1	<5	119	180	49	4.76	<0.5		
PP19-100919		0.12	219	3380	771	>10000	>10000	990	4.06	4.3	16100	45900
PP19-100920		2.21	2	21	<5	195	316	54	5.15	<0.5		
PP19-100921		2.25	8	80	7	253	367	55	5.28	<0.5		
PP19-100922		2.30	8	124	7	336	628	75	7.64	0.5		
PP19-100923		2.38	43	1280	96	327	548	65	6.39	0.5		
PP19-100924		2.25	76	337	26	367	495	64	7.20	<0.5		
PP19-100925		2.27	53	374	27	434	490	69	7.14	0.6		
PP19-100926		2.27	39	339	30	392	479	66	6.83	0.5		
PP19-100927		2.28	11	22	<5	191	242	51	5.53	<0.5		
PP19-100928		2.17	4	15	<5	74	225	46	4.93	<0.5		
PP19-100929		2.31	1	5	<5	121	235	47	5.04	<0.5		
PP19-100930		2.22	8	70	7	179	266	51	5.02	<0.5		
PP19-100931		2.19	<1	<1	<5	95	229	49	5.11	0.5		
PP19-100932		2.23	1	<1	<5	96	228	49	4.97	<0.5		
PP19-100933		2.23	12	254	24	287	341	43	4.89	<0.5		
PP19-100934		2.31	96	1020	97	747	775	57	4.97	0.5		
PP19-100935		2.18	61	401	36	387	430	31	2.99	<0.5		
PP19-100936		0.07	65	618	290	4500	4440	119	4.13	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			