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: 12-NOV-2019
Account: MZI

CERTIFICATE TB19269234

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 25-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 TB19269234

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
PP19-101327		1.33	<1	<1	<5	2	25	1	13.45	<0.5		
PP19-101328		0.07	4820	2010	1300	87	85	61	0.25	0.9		
PP19-101329		2.68	36	469	63	631	700	77	6.71	<0.5		
PP19-101330		2.72	18	30	5	526	481	58	5.76	<0.5		
PP19-101331		2.83	33	335	29	790	667	80	7.10	0.5		
PP19-101332		2.68	29	246	23	650	881	91	8.21	<0.5		
PP19-101333		2.11	16	38	<5	574	609	64	5.51	<0.5		
PP19-101334		2.58	16	192	19	392	514	55	4.85	<0.5		
PP19-101335		2.37	24	111	18	582	740	79	7.22	<0.5		
PP19-101336		2.22	8	82	8	197	594	85	10.55	<0.5		
PP19-101337		3.02	18	67	12	317	662	82	9.75	<0.5		
PP19-101338		3.06	15	47	9	361	762	79	7.92	<0.5		
PP19-101339		2.46	21	63	9	585	833	73	6.10	<0.5		
PP19-101340		2.78	22	134	16	547	792	72	6.96	<0.5		
PP19-101341		2.84	17	25	8	594	821	72	6.80	0.6		
PP19-101342		2.68	25	50	9	560	715	64	5.93	<0.5		
PP19-101343		2.68	20	143	11	457	580	64	6.03	<0.5		
PP19-101344		2.45	30	215	18	650	772	79	7.41	<0.5		
PP19-101345		2.67	26	272	28	532	732	79	7.99	<0.5		
PP19-101346		2.74	56	1100	168	698	927	88	6.71	<0.5		
PP19-101347		0.07	60	599	312	4590	4480	110	3.91	2.1		
PP19-101348		2.69	46	134	21	936	1010	96	7.80	0.5		
PP19-101349		2.53	31	128	14	629	761	81	8.01	<0.5		
PP19-101350		2.66	44	198	28	729	689	70	5.28	0.6		
PP19-101351		2.60	103	758	61	467	650	68	5.84	<0.5		
PP19-101352		2.59	52	471	43	673	734	66	5.02	<0.5		
PP19-101353		2.66	21	152	15	423	549	57	5.22	<0.5		
PP19-101354		2.45	11	96	31	460	582	56	5.09	<0.5		
PP19-101355		2.53	35	164	22	623	623	63	4.98	<0.5		
PP19-101356		2.52	51	706	62	902	788	66	4.64	0.5		
PP19-101357		2.77	12	22	5	324	318	41	4.36	<0.5		
PP19-101358		2.30	5	15	<5	137	277	43	4.92	<0.5		
PP19-101359		2.56	24	12	<5	598	818	78	8.08	<0.5		
PP19-101360		2.67	31	105	17	471	669	55	5.05	0.5		
PP19-101361		2.70	26	109	13	519	505	58	5.20	<0.5		
PP19-101362		2.65	24	116	13	471	544	59	5.93	<0.5		
PP19-101363		2.39	29	121	11	367	417	47	4.79	<0.5		
PP19-101364		2.50	4	59	10	221	196	21	2.09	<0.5		
PP19-101365		1.99	95	239	28	985	457	55	5.19	0.7		
PP19-101366		2.26	24	103	10	283	456	51	5.69	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19269234

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
PP19-101367		1.65	<1	<1	<5	1	2	<1	14.00	<0.5		
PP19-101368		2.52	30	59	6	530	390	59	5.49	<0.5		
PP19-101369		2.49	84	188	23	1195	663	86	4.57	0.6		
PP19-101370		2.44	30	235	14	716	678	70	4.91	<0.5		
PP19-101371		2.40	15	212	10	499	560	60	6.13	<0.5		
PP19-101372		2.47	37	153	14	435	499	49	5.98	0.5		
PP19-101373		2.36	76	464	89	593	974	68	6.79	<0.5		
PP19-101374		2.40	7	166	18	212	566	47	5.58	<0.5		
PP19-101375		2.40	8	185	14	155	456	54	6.57	<0.5		
PP19-101376		2.63	16	517	76	187	457	52	6.02	<0.5		
PP19-101377		2.40	59	563	45	447	776	57	4.85	<0.5		
PP19-101378		2.59	19	166	15	201	378	48	5.55	<0.5		
PP19-101379		2.43	18	175	25	219	515	62	8.07	<0.5		
PP19-101380		2.58	19	176	20	262	479	58	7.10	<0.5		
PP19-101381		2.56	109	2780	181	1075	1435	86	6.15	0.5		
PP19-101382		2.74	396	5050	487	1785	2330	140	8.89	0.6		
PP19-101383		2.43	322	1790	146	1155	966	99	6.81	0.6		
PP19-101384		2.39	48	473	34	504	454	54	5.02	<0.5		
PP19-101385		2.52	150	2290	170	1085	994	88	5.77	0.5		
PP19-101386		2.58	258	2990	251	1395	1200	95	6.36	0.8		
PP19-101387		0.12	267	3290	771	>10000	>10000	968	4.01	4.2	16300	46300
PP19-101388		2.47	18	151	14	354	423	67	6.38	<0.5		
PP19-101389		2.64	86	950	80	837	655	73	6.33	<0.5		
PP19-101390		2.51	22	159	20	453	536	66	5.88	<0.5		
PP19-101391		2.42	16	75	8	234	300	50	4.71	<0.5		
PP19-101392		2.67	31	420	45	383	474	53	5.02	<0.5		
PP19-101393		2.46	47	469	52	390	661	63	5.89	<0.5		
PP19-101394		2.57	20	123	16	299	358	58	5.92	<0.5		
PP19-101395		2.41	24	105	7	410	588	78	8.06	<0.5		
PP19-101396		2.58	61	484	58	789	876	78	7.33	<0.5		
PP19-101397		2.45	30	189	21	410	504	64	6.20	<0.5		
PP19-101398		2.37	31	259	33	450	543	59	5.61	<0.5		
PP19-101399		2.53	23	55	5	277	301	57	6.39	<0.5		
PP19-101400		2.40	177	594	104	972	1010	88	7.52	0.6		
PP19-101401		2.58	132	823	115	1480	1190	82	5.01	0.6		
PP19-101402		2.42	30	458	51	327	540	53	5.10	<0.5		
PP19-101403		2.55	56	654	69	502	605	64	5.32	<0.5		
PP19-101404		0.07	72	611	289	4710	4590	113	4.01	2.0		

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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			