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 TB19247060

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 TB19247060

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
PP19-101249		2.21	<1	1	<5	1	<1	<1	12.85	<0.5		
PP19-101250		0.07	4840	2020	1280	91	93	65	0.27	0.9		
PP19-101251		1.82	24	343	32	206	356	56	5.65	0.5		
PP19-101252		1.85	9	40	6	240	393	57	5.68	<0.5		
PP19-101253		2.25	11	41	<5	244	412	62	7.19	0.5		
PP19-101254		2.52	9	35	6	284	405	53	5.92	<0.5		
PP19-101255		2.49	17	129	13	522	570	63	5.70	0.6		
PP19-101256		2.52	22	243	23	502	604	76	6.86	<0.5		
PP19-101257		2.46	18	88	10	388	636	84	8.28	<0.5		
PP19-101258		2.30	5	104	6	164	300	44	4.10	<0.5		
PP19-101259		2.36	8	37	<5	335	589	68	6.73	<0.5		
PP19-101260		2.40	10	34	<5	448	631	72	6.76	0.7		
PP19-101261		2.79	15	133	15	434	595	90	10.10	<0.5		
PP19-101262		2.31	4	5	<5	149	333	60	7.35	<0.5		
PP19-101263		2.43	7	44	<5	208	282	57	6.09	<0.5		
PP19-101264		2.45	14	172	15	293	389	62	5.97	<0.5		
PP19-101265		2.40	10	63	<5	211	299	56	6.01	<0.5		
PP19-101266		2.50	19	63	7	507	378	59	5.66	<0.5		
PP19-101267		2.63	7	13	<5	179	262	48	5.23	<0.5		
PP19-101268		2.49	13	28	<5	332	401	67	6.60	<0.5		
PP19-101269		0.07	57	610	357	4630	4440	115	4.00	1.9		
PP19-101270		2.34	26	152	14	422	474	68	5.58	<0.5		
PP19-101271		2.64	31	201	24	421	689	94	10.50	<0.5		
PP19-101272		2.56	49	402	26	755	784	93	8.71	<0.5		
PP19-101273		2.60	11	5	<5	353	404	59	5.63	<0.5		
PP19-101274		2.60	13	40	5	392	482	67	6.30	<0.5		
PP19-101275		2.59	16	77	8	512	641	79	7.55	<0.5		
PP19-101276		2.28	9	10	<5	499	615	85	7.56	<0.5		
PP19-101277		2.57	13	65	<5	359	536	68	5.96	<0.5		
PP19-101278		2.56	9	525	37	359	647	81	7.69	<0.5		
PP19-101279		2.53	10	26	<5	426	602	71	6.82	<0.5		
PP19-101280		2.52	23	107	7	567	649	67	5.04	<0.5		
PP19-101281		2.47	10	10	<5	288	411	47	4.19	0.5		
PP19-101282		2.34	5	19	<5	159	293	44	4.56	<0.5		
PP19-101283		2.52	8	40	<5	309	400	57	4.99	<0.5		
PP19-101284		2.57	7	36	7	299	411	60	5.77	<0.5		
PP19-101285		2.73	8	13	<5	285	392	59	5.71	<0.5		
PP19-101286		2.88	25	17	<5	665	641	82	8.00	<0.5		
PP19-101287		1.90	21	25	5	529	659	68	5.41	<0.5		
PP19-101288		2.27	23	16	<5	504	581	69	6.09	<0.5		

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CERTIFICATE OF ANALYSIS TB19247060

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
PP19-101289		2.05	1	1	<5	2	1	<1	13.40	<0.5		
PP19-101290		2.37	17	12	<5	301	380	45	4.14	<0.5		
PP19-101291		2.33	20	71	9	460	499	66	5.89	<0.5		
PP19-101292		2.41	22	15	<5	649	798	81	6.80	<0.5		
PP19-101293		2.32	16	7	<5	434	528	60	5.00	<0.5		
PP19-101294		2.33	12	24	<5	343	519	57	5.11	<0.5		
PP19-101295		2.33	10	16	<5	282	449	64	7.36	<0.5		
PP19-101296		2.46	11	26	5	290	559	75	8.98	<0.5		
PP19-101297		2.28	31	21	<5	579	758	87	9.70	<0.5		
PP19-101298		2.51	29	176	16	464	688	90	9.73	<0.5		
PP19-101299		2.44	313	3480	313	1375	1245	94	6.48	0.7		
PP19-101300		2.37	132	966	95	1205	1150	90	7.38	0.8		
PP19-101301		2.42	86	874	116	1135	1130	93	7.29	0.9		
PP19-101302		2.61	15	27	<5	381	511	57	5.21	<0.5		
PP19-101303		2.20	41	378	34	972	1190	112	9.08	<0.5		
PP19-101304		2.85	39	142	16	848	1010	91	7.35	<0.5		
PP19-101305		2.52	25	130	20	544	653	66	6.16	<0.5		
PP19-101306		2.54	34	36	6	814	763	67	5.32	0.5		
PP19-101307		2.64	30	173	13	661	845	79	6.82	<0.5		
PP19-101308		2.58	40	350	35	877	706	68	5.81	<0.5		
PP19-101309		0.12	256	3450	796	>10000	>10000	979	4.00	4.1	15900	46900
PP19-101310		2.54	16	164	10	394	593	54	4.82	<0.5		
PP19-101311		2.62	36	230	25	873	879	76	6.13	<0.5		
PP19-101312		2.57	24	22	<5	674	788	82	7.61	0.5		
PP19-101313		2.57	18	48	<5	436	522	58	4.89	<0.5		
PP19-101314		2.12	18	112	8	354	431	51	5.33	<0.5		
PP19-101315		2.06	8	43	<5	216	368	45	5.12	<0.5		
PP19-101316		2.06	10	97	7	234	429	59	6.56	<0.5		
PP19-101317		1.98	7	3	<5	151	273	43	5.40	<0.5		
PP19-101318		2.30	30	136	11	680	673	61	5.62	0.5		
PP19-101319		2.01	29	546	27	603	771	63	4.93	<0.5		
PP19-101320		2.10	24	55	6	706	842	85	8.20	0.5		
PP19-101321		2.11	16	20	<5	519	798	79	7.54	0.5		
PP19-101322		1.33	16	51	41	569	786	86	9.12	<0.5		
PP19-101323		1.83	18	157	16	515	498	53	4.69	<0.5		
PP19-101324		2.31	13	81	<5	470	423	53	4.90	<0.5		
PP19-101325		2.55	11	23	<5	307	359	51	5.12	<0.5		
PP19-101326		0.07	63	591	287	4460	4290	110	3.88	2.5		

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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			