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 TB19268348

Project: 18-300

P.O. No.: 212623

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-OCT-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
STU GIBBINS	MARK LACOMBE	LINETTE MACINNIS
DAVE PECK	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:

Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS TB19268348

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
PP19-102341		1.90	<1	<1	<5	1	<1	<1	11.90	<0.5		
PP19-102342		0.07	4630	2060	1310	87	85	63	0.26	0.7		
PP19-102343		2.14	<1	<1	<5	3	2	2	0.24	<0.5		
PP19-102344		2.31	<1	1	<5	20	9	7	0.57	<0.5		
PP19-102345		2.08	<1	<1	<5	6	4	4	0.33	<0.5		
PP19-102346		2.17	<1	<1	<5	11	5	6	0.56	<0.5		
PP19-102347		2.18	<1	<1	<5	18	12	9	0.83	<0.5		
PP19-102348		2.21	<1	1	<5	9	7	7	0.59	<0.5		
PP19-102349		2.28	<1	<1	<5	37	13	10	0.84	<0.5		
PP19-102350		2.24	<1	<1	<5	6	4	5	0.48	<0.5		
PP19-102351		2.15	<1	<1	<5	14	4	7	0.55	<0.5		
PP19-102352		2.19	<1	<1	<5	4	3	5	0.43	<0.5		
PP19-102353		2.21	<1	<1	<5	4	6	6	0.47	<0.5		
PP19-102354		2.10	<1	<1	<5	17	5	6	0.55	<0.5		
PP19-102355		2.47	1	<1	<5	114	69	38	2.40	<0.5		
PP19-102356		2.52	1	1	<5	95	133	44	2.88	<0.5		
PP19-102357		1.85	28	253	18	827	583	80	5.61	0.6		
PP19-102358		1.99	7	176	19	345	516	65	6.14	<0.5		
PP19-102359		2.19	10	30	7	461	554	60	5.42	<0.5		
PP19-102360		2.33	4	4	<5	262	450	59	6.10	<0.5		
PP19-102361		0.07	65	619	325	4710	4690	115	4.07	2.0		
PP19-102362		2.23	8	6	<5	482	572	69	6.42	<0.5		
PP19-102363		2.28	5	51	<5	275	372	53	5.31	<0.5		
PP19-102364		2.34	11	12	5	507	711	70	5.26	<0.5		
PP19-102365		2.36	7	29	<5	416	540	74	5.90	0.6		
PP19-102366		2.42	9	45	8	435	556	67	5.60	0.5		
PP19-102367		2.35	13	82	16	274	485	65	6.11	<0.5		
PP19-102368		2.23	19	172	31	256	489	71	6.94	<0.5		
PP19-102369		2.31	32	371	43	587	680	69	5.64	0.5		
PP19-102370		2.40	29	139	17	545	367	51	5.02	<0.5		
PP19-102371		2.19	25	362	23	530	598	56	4.92	<0.5		
PP19-102372		2.25	6	39	<5	321	604	54	5.12	<0.5		
PP19-102373		2.20	16	26	<5	446	399	41	3.11	<0.5		
PP19-102374		2.24	42	106	13	1045	1050	69	4.81	0.6		
PP19-102375		2.23	8	25	<5	350	504	57	5.78	<0.5		
PP19-102376		2.28	5	90	13	190	359	40	4.09	<0.5		
PP19-102377		2.33	27	605	38	776	781	74	5.44	0.7		
PP19-102378		2.19	29	177	16	778	824	70	5.67	0.6		
PP19-102379		2.42	156	1920	192	913	1005	85	6.25	<0.5		
PP19-102380		2.29	11	86	7	197	358	52	5.98	<0.5		

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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
PP19-102381		1.94	<1	<1	<5	1	2	<1	11.25	<0.5		
PP19-102382		2.21	6	157	15	198	473	51	4.95	<0.5		
PP19-102383		2.21	19	155	14	485	678	68	4.71	<0.5		
PP19-102384		2.29	19	188	14	498	539	61	5.47	<0.5		
PP19-102385		2.16	30	622	55	530	602	67	5.47	<0.5		
PP19-102386		2.43	15	161	15	401	516	75	6.62	<0.5		
PP19-102387		2.28	14	617	67	589	732	69	5.44	<0.5		
PP19-102388		2.30	16	56	5	393	518	63	5.90	<0.5		
PP19-102389		2.30	8	7	<5	295	411	57	5.76	<0.5		
PP19-102390		2.35	13	549	45	443	788	82	6.77	<0.5		
PP19-102391		2.49	12	95	9	335	492	60	6.53	<0.5		
PP19-102392		2.26	6	31	<5	335	382	60	5.63	<0.5		
PP19-102393		2.29	22	155	18	747	888	85	6.67	<0.5		
PP19-102394		2.25	9	15	<5	265	461	75	7.55	<0.5		
PP19-102395		2.30	8	138	12	170	370	53	5.47	<0.5		
PP19-102396		2.39	9	123	18	252	360	60	4.82	<0.5		
PP19-102397		2.24	2	40	5	86	332	47	5.16	<0.5		
PP19-102398		2.30	4	8	<5	163	412	57	5.19	<0.5		
PP19-102399		2.17	4	50	8	93	300	50	5.12	<0.5		
PP19-102400		2.33	7	310	26	168	511	60	5.76	<0.5		
PP19-102401		0.12	224	3450	804	>10000	>10000	986	3.99	4.3	16400	47500
PP19-102402		2.21	9	202	26	225	712	76	7.99	<0.5		
PP19-102403		2.32	10	49	<5	286	625	88	10.35	<0.5		
PP19-102404		2.21	29	412	56	736	947	86	8.01	0.5		
PP19-102405		2.19	29	41	7	592	916	88	7.98	<0.5		
PP19-102406		2.21	8	70	6	237	568	67	6.45	<0.5		
PP19-102407		2.06	23	62	9	550	1020	92	9.06	<0.5		
PP19-102408		2.11	5	161	24	211	790	57	5.62	<0.5		
PP19-102409		2.13	20	352	26	504	1225	78	6.39	<0.5		
PP19-102410		1.93	4	203	13	131	555	48	5.17	<0.5		
PP19-102411		2.08	38	1150	97	710	1090	72	5.53	<0.5		
PP19-102412		1.99	4	129	14	106	518	37	3.69	<0.5		
PP19-102413		1.94	7	75	11	163	769	53	5.66	<0.5		
PP19-102414		1.95	22	52	7	551	1050	81	7.75	<0.5		
PP19-102415		2.15	10	65	5	282	493	47	4.84	<0.5		
PP19-102416		2.03	28	372	31	790	1095	86	7.43	<0.5		
PP19-102417		1.90	22	52	10	291	636	62	7.20	<0.5		
PP19-102418		0.07	68	616	325	4510	4540	116	3.92	5.9		

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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			