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: 1-DEC-2019
Account: MZI

CERTIFICATE TB19288487

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 14-NOV-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 TB19288487

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
PP19-103355		1.73	<1	1	<5	2	2	<1	12.60	<0.5		
PP19-103356		0.07	4860	1980	1280	88	85	65	0.27	0.6		
PP19-103357		2.37	11	580	88	46	313	29	3.99	<0.5		
PP19-103358		2.48	35	465	92	198	320	33	3.84	<0.5		
PP19-103359		2.37	81	819	112	438	590	47	5.60	<0.5		
PP19-103360		2.50	130	1720	167	567	684	45	4.99	<0.5		
PP19-103361		2.50	238	2880	250	1220	1230	59	5.74	<0.5		
PP19-103362		2.49	62	6770	1220	494	1600	67	5.89	<0.5		
PP19-103363		2.57	195	1990	292	657	567	41	4.09	<0.5		
PP19-103364		2.53	66	1480	216	457	520	48	3.88	<0.5		
PP19-103365		2.55	56	437	146	390	297	33	3.49	<0.5		
PP19-103366		2.57	96	1480	314	541	735	53	5.01	<0.5		
PP19-103367		2.56	60	1620	216	362	354	33	3.55	<0.5		
PP19-103368		2.43	20	216	43	176	342	46	5.52	<0.5		
PP19-103369		2.40	140	1080	102	429	633	54	6.32	<0.5		
PP19-103370		2.65	118	759	121	621	655	54	5.41	<0.5		
PP19-103371		2.74	29	396	119	250	475	59	6.85	<0.5		
PP19-103372		2.66	71	745	176	503	629	54	5.92	0.5		
PP19-103373		2.69	36	1160	226	143	431	37	4.12	<0.5		
PP19-103374		2.36	10	225	58	59	284	34	4.58	<0.5		
PP19-103375		0.07	59	537	262	4670	4520	117	4.05	2.2		
PP19-103376		2.61	66	880	75	617	659	56	6.40	<0.5		
PP19-103377		2.61	18	478	146	99	401	41	5.20	<0.5		
PP19-103378		2.41	5	294	73	34	275	30	3.99	<0.5		
PP19-103379		2.65	24	563	96	91	374	38	5.19	<0.5		
PP19-103380		2.63	23	318	89	161	360	40	5.14	<0.5		
PP19-103381		2.26	15	207	72	114	313	41	5.25	<0.5		
PP19-103382		2.22	68	1520	397	300	335	37	4.10	<0.5		
PP19-103383		2.13	24	645	133	87	398	31	4.21	<0.5		
PP19-103384		2.20	69	695	175	333	410	32	3.71	<0.5		
PP19-103385		2.20	9	240	125	77	327	42	5.59	<0.5		
PP19-103386		2.23	26	1280	232	76	412	42	3.57	<0.5		
PP19-103387		2.27	24	737	332	118	372	44	5.65	<0.5		
PP19-103388		1.97	18	201	78	111	313	41	5.51	<0.5		
PP19-103389		2.26	36	1160	67	397	514	60	6.23	<0.5		
PP19-103390		2.13	108	2110	309	1045	1690	72	3.24	<0.5		
PP19-103391		2.18	17	721	137	80	372	30	3.68	<0.5		
PP19-103392		1.53	35	525	105	196	277	28	3.58	<0.5		
PP19-103393		1.70	69	1140	96	597	305	33	4.45	<0.5		
PP19-103394		1.59	201	1200	101	1345	725	56	5.50	0.6		

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CERTIFICATE OF ANALYSIS TB19288487

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
PP19-103395		1.51	<1	2	<5	4	3	<1	12.40	<0.5		
PP19-103396		1.74	101	2040	194	592	1235	72	5.65	<0.5		
PP19-103397		2.41	63	1160	203	241	409	31	3.50	<0.5		
PP19-103398		1.89	44	799	105	259	611	53	6.47	<0.5		
PP19-103399		2.34	74	1820	264	341	712	48	5.46	<0.5		
PP19-103400		2.28	163	3320	667	502	779	53	6.49	<0.5		
PP19-103401		2.10	118	1730	379	531	524	48	5.30	<0.5		
PP19-103402		2.30	22	531	99	86	457	41	5.03	<0.5		
PP19-103403		2.17	73	700	73	365	529	53	5.23	<0.5		
PP19-103404		1.79	9	162	32	66	233	32	3.87	<0.5		
PP19-103405		1.86	16	149	79	137	303	39	5.51	<0.5		
PP19-103406		2.72	100	731	105	356	441	37	4.99	<0.5		
PP19-103407		2.61	214	1770	163	1030	653	32	2.07	<0.5		
PP19-103408		2.61	227	1540	159	910	726	42	3.68	0.5		
PP19-103409		2.37	124	1880	215	606	613	38	3.51	0.5		
PP19-103410		2.51	615	1820	225	1400	1600	75	8.45	0.5		
PP19-103411		2.48	234	3220	432	869	1250	53	4.40	0.5		
PP19-103412		2.41	71	750	109	204	351	37	4.36	<0.5		
PP19-103413		2.50	182	1120	134	477	654	48	5.26	<0.5		
PP19-103414		2.31	14	220	78	105	277	37	4.78	<0.5		
PP19-103415		0.08	251	3380	803	>10000	>10000	976	4.04	4.1	16550	46900
PP19-103416		2.45	38	534	115	183	466	44	5.77	<0.5		
PP19-103417		2.40	44	390	107	223	386	38	5.16	<0.5		
PP19-103418		2.45	34	416	121	145	308	39	5.19	<0.5		
PP19-103419		2.47	24	360	59	125	334	43	5.37	<0.5		
PP19-103420		2.17	184	3810	124	1160	2080	74	5.66	0.5		
PP19-103421		2.26	31	230	37	190	394	50	6.49	<0.5		
PP19-103422		2.82	11	264	37	74	360	40	5.54	<0.5		
PP19-103423		2.83	23	530	135	202	427	49	6.13	<0.5		
PP19-103424		2.51	82	1030	82	591	743	52	5.81	<0.5		
PP19-103425		2.29	30	1510	119	188	831	52	5.74	<0.5		
PP19-103426		2.62	6	263	35	40	365	36	5.04	<0.5		
PP19-103427		2.55	22	285	34	132	339	39	5.55	<0.5		
PP19-103428		2.49	31	974	100	263	619	52	6.08	<0.5		
PP19-103429		2.49	39	525	73	221	376	43	5.19	<0.5		
PP19-103430		2.44	29	754	81	163	410	49	5.72	<0.5		
PP19-103431		2.41	15	421	78	128	290	37	4.32	<0.5		
PP19-103432		0.07	88	610	312	4530	4400	116	4.04	1.9		

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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			