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: 18-DEC-2019
Account: MZI

CERTIFICATE TB19305538

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 2-DEC-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
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
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 TB19305538

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	PGM-ICP27 Au ppb 10	PGM-ICP27 Pd ppb 10	PGM-ICP27 Pt ppb 10	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
PP19-104057		1.92	<1	1	<5				1	2	1	11.45	<0.5		
PP19-104058		0.07	4880	2010	1210				88	86	65	0.26	0.8		
PP19-104059		2.40	300	3550	374				1750	1865	93	4.90	1.0		
PP19-104060		2.33	145	1020	83				623	691	52	5.49	<0.5		
PP19-104061		2.23	240	2150	240				1240	1295	61	4.86	0.6		
PP19-104062		2.36	84	1950	163				716	1095	63	5.52	<0.5		
PP19-104063		2.46	79	1680	140				802	1025	58	5.26	<0.5		
PP19-104064		2.34	330	3440	297				1640	1780	78	5.30	0.6		
PP19-104065		2.24	453	4140	366				1940	2080	91	5.76	0.6		
PP19-104066		2.28	594	5210	400				2620	2390	103	5.94	1.1		
PP19-104067		2.31	491	4200	357				2310	2330	101	6.63	1.0		
PP19-104068		2.25	315	2590	241				1670	1480	72	5.70	0.7		
PP19-104069		2.43	184	1840	193				1000	1065	66	5.73	<0.5		
PP19-104070		2.36	135	1050	102				781	809	57	5.68	<0.5		
PP19-104071		2.30	290	2300	222				1340	1185	63	4.90	0.6		
PP19-104072		2.36	156	1780	225				1070	1075	56	4.90	0.6		
PP19-104073		2.51	155	2070	200				986	1180	61	5.22	0.5		
PP19-104074		2.23	250	1860	242				933	1105	69	5.74	0.5		
PP19-104075		2.53	57	495	43				347	464	53	5.51	<0.5		
PP19-104076		2.48	148	1640	126				708	928	59	5.70	0.5		
PP19-104077		0.07	134	622	280				4620	4440	119	4.00	1.8		
PP19-104078		2.28	48	858	72				586	951	56	5.75	<0.5		
PP19-104079		2.62	296	2370	206				1050	1240	68	6.22	0.5		
PP19-104080		2.36	186	2540	225				669	1095	63	5.78	<0.5		
PP19-104081		2.26	158	980	108				558	683	56	5.63	<0.5		
PP19-104082		2.24	27	271	68				183	412	57	6.24	<0.5		
PP19-104083		2.47	115	1120	167				518	763	74	7.29	<0.5		
PP19-104084		2.37	328	1230	124				851	838	58	5.15	<0.5		
PP19-104085		2.21	169	2300	214				1120	963	46	3.47	<0.5		
PP19-104086		2.25	143	657	81				311	472	36	3.94	<0.5		
PP19-104087		2.34	156	1420	114				740	801	54	5.63	0.5		
PP19-104088		2.26	59	682	94				333	591	46	5.74	<0.5		
PP19-104089		2.33	26	177	37				156	390	43	5.32	<0.5		
PP19-104090		2.30	47	811	80				288	627	44	4.85	<0.5		
PP19-104091		2.37	179	3420	200				1080	1370	61	5.02	0.5		
PP19-104092		2.42	112	1920	253				729	829	46	4.83	<0.5		
PP19-104093		2.27	47	1390	135				332	682	42	4.81	<0.5		
PP19-104094		2.29	75	3400	344				550	1140	54	4.54	0.5		
PP19-104095		2.29	33	669	75				245	509	48	5.48	0.5		
PP19-104096		2.49	178	2270	194				299	984	53	4.77	<0.5		

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556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 18-DEC-2019
Account: MZI

Project: 18-300

CERTIFICATE OF ANALYSIS TB19305538

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	PGM-ICP27 Au ppb 10	PGM-ICP27 Pd ppb 10	PGM-ICP27 Pt ppb 10	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
PP19-104097		1.74	<1	3	<5				1	1	<1	11.20	<0.5		
PP19-104098		2.46	192	1960	253				456	715	44	5.20	<0.5		
PP19-104099		2.51	187	739	116				871	537	40	4.75	<0.5		
PP19-104100		2.59	139	1410	170				822	867	64	7.42	0.5		
PP19-104101		2.48	120	1620	165				405	623	39	4.70	<0.5		
PP19-104102		2.57	159	2320	273				764	1150	63	6.13	<0.5		
PP19-104103		2.44	10	2420	242				92	989	48	4.42	<0.5		
PP19-104104		2.55	49	899	170				473	470	32	3.66	<0.5		
PP19-104105		2.37	232	2570	321				1485	990	50	4.42	0.8		
PP19-104106		2.61	225	2830	238				1220	1000	55	5.28	0.5		
PP19-104107		2.64	37	1920	208				270	748	45	5.06	<0.5		
PP19-104108		2.57	124	2510	414				527	959	49	4.49	<0.5		
PP19-104109		2.52	327	1800	132				930	970	59	5.72	<0.5		
PP19-104110		2.44	162	2300	159				724	1000	56	5.50	<0.5		
PP19-104111		2.45	120	2690	200				1145	1260	62	5.41	0.5		
PP19-104112		2.44	135	6300	745				1180	1740	69	4.00	0.6		
PP19-104113		2.51	63	2690	741				395	882	46	4.88	<0.5		
PP19-104114		2.45	31	1880	337				215	725	44	5.49	<0.5		
PP19-104115		2.44	67	5040	615				518	1720	74	5.07	<0.5		
PP19-104116		2.47	195	2310	189				1010	910	53	5.35	0.5		
PP19-104117		0.12	293	3490	809				>10000	>10000	972	3.81	4.0	16350	46300
PP19-104118		2.48	204	1860	183				891	950	55	5.59	0.5		
PP19-104119		2.61	689	9020	719				2400	2850	108	5.90	1.0		
PP19-104120		2.26	228	2230	180				897	1140	67	6.20	<0.5		
PP19-104121		2.44	337	2870	245				1480	1370	65	5.02	0.6		
PP19-104122		2.43	690	3900	311				2080	1480	65	4.57	0.7		
PP19-104123		2.55	893	>10000	1000	1000	11900	940	4770	3780	122	4.10	1.9		
PP19-104124		2.47	223	1560	165				870	1060	47	4.05	0.6		
PP19-104125		2.43	8	394	95				61	382	29	4.03	<0.5		
PP19-104126		2.44	693	5800	492				2340	2170	91	5.08	3.2		
PP19-104127		2.46	176	2950	318				1155	1110	55	4.44	1.2		
PP19-104128		2.50	304	4440	430				2490	2050	79	3.58	1.6		
PP19-104129		2.45	210	3750	279				1755	1560	70	4.59	0.8		
PP19-104130		2.35	72	1620	238				719	675	35	3.31	<0.5		
PP19-104131		2.43	46	779	138				362	585	48	4.93	<0.5		
PP19-104132		2.42	102	744	119				554	750	52	6.31	<0.5		
PP19-104133		2.43	27	669	145				278	494	45	5.38	<0.5		
PP19-104134		0.07	56	615	284				4440	4240	113	3.83	1.8		

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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	PGM-ICP27		