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: 2-DEC-2019
Account: MZI

CERTIFICATE TB19288488

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 TB19288488

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
PP19-103433		1.70	<1	1	<5	2	2	<1	11.60	<0.5		
PP19-103434		0.07	4710	2030	1340	87	84	61	0.26	<0.5		
PP19-103435		2.45	25	1350	260	223	212	21	2.31	<0.5		
PP19-103436		2.47	21	1570	330	111	184	17	2.07	<0.5		
PP19-103437		2.37	43	1060	391	383	255	25	2.96	<0.5		
PP19-103438		2.51	351	3890	488	1185	1015	43	4.46	<0.5		
PP19-103439		2.34	21	1900	472	84	483	46	5.48	<0.5		
PP19-103440		2.19	8	664	289	16	271	34	4.16	<0.5		
PP19-103441		2.59	11	531	223	71	366	49	6.23	<0.5		
PP19-103442		2.23	7	395	170	36	282	32	4.31	<0.5		
PP19-103443		2.25	8	630	390	78	191	19	2.49	<0.5		
PP19-103444		2.50	12	482	237	81	381	50	6.57	<0.5		
PP19-103445		2.43	12	507	217	91	337	43	5.66	<0.5		
PP19-103446		2.26	6	408	158	42	323	40	5.52	<0.5		
PP19-103447		2.19	13	653	260	83	273	34	4.25	<0.5		
PP19-103448		2.01	8	164	62	62	198	26	3.00	<0.5		
PP19-103449		2.19	10	611	217	64	274	34	4.19	<0.5		
PP19-103450		2.10	9	174	51	87	281	37	4.78	<0.5		
PP19-103451		2.22	4	194	59	40	253	31	4.07	<0.5		
PP19-103452		2.34	20	255	59	141	348	41	5.15	<0.5		
PP19-103453		0.07	64	596	308	4390	4260	110	3.79	2.0		
PP19-103454		2.48	35	434	106	172	340	42	5.37	<0.5		
PP19-103455		2.61	11	182	67	97	298	38	5.09	<0.5		
PP19-103456		2.39	14	656	104	100	295	21	2.32	<0.5		
PP19-103457		2.57	77	1070	182	200	523	46	5.66	<0.5		
PP19-103458		2.40	10	410	72	78	398	41	5.11	<0.5		
PP19-103459		2.19	4	111	33	48	357	41	5.19	<0.5		
PP19-103460		2.17	19	2860	199	175	1245	65	5.47	<0.5		
PP19-103461		2.15	3	103	17	30	238	37	4.98	<0.5		
PP19-103462		2.22	38	33	15	66	251	40	4.64	<0.5		
PP19-103463		2.13	1	83	12	38	277	39	4.96	<0.5		
PP19-103464		2.17	7	113	13	176	331	42	5.34	<0.5		
PP19-103465		2.23	248	2040	651	276	416	48	3.79	<0.5		
PP19-103466		2.21	88	853	144	1245	322	40	2.25	1.1		
PP19-103467		2.31	25	600	61	386	359	45	4.96	<0.5		
PP19-103468		2.63	1	105	25	27	314	44	5.67	<0.5		
PP19-103469		1.94	1	201	55	326	245	39	4.79	<0.5		
PP19-103470		2.26	23	1160	129	1150	465	54	2.86	0.6		
PP19-103471		2.16	35	1990	181	337	390	49	1.64	<0.5		
PP19-103472		2.30	15	1120	142	78	385	29	3.15	<0.5		

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CERTIFICATE OF ANALYSIS TB19288488

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
PP19-103473		1.54	<1	2	<5	1	1	<1	11.70	<0.5		
PP19-103474		2.22	5	1060	172	19	320	24	3.09	<0.5		
PP19-103475		2.22	37	2690	220	48	798	38	3.09	<0.5		
PP19-103476		2.17	1	1180	164	30	310	24	2.98	<0.5		
PP19-103477		2.13	18	2120	213	47	776	33	2.26	<0.5		
PP19-103478		2.11	3	839	97	11	342	21	2.34	<0.5		
PP19-103479		2.07	<1	103	56	13	261	25	3.45	<0.5		
PP19-103480		2.27	3	1620	147	38	610	27	2.47	<0.5		
PP19-103481		2.28	8	2460	216	98	1030	40	2.88	<0.5		
PP19-103482		2.21	6	2380	179	63	862	37	2.66	<0.5		
PP19-103483		2.24	3	866	108	89	492	27	2.52	<0.5		
PP19-103484		2.33	7	1520	147	113	672	37	3.39	<0.5		
PP19-103485		2.57	5	1790	155	103	712	36	3.54	<0.5		
PP19-103486		2.48	1	78	40	36	257	28	3.82	<0.5		
PP19-103487		2.39	2	77	47	79	132	15	1.53	<0.5		
PP19-103488		2.66	1	93	52	40	178	22	2.96	<0.5		
PP19-103489		2.37	2	286	67	27	201	22	2.94	<0.5		
PP19-103490		2.61	<1	70	46	21	187	23	2.93	<0.5		
PP19-103491		2.41	5	79	55	93	229	29	3.60	<0.5		
PP19-103492		2.57	10	628	90	74	288	27	3.58	<0.5		
PP19-103493		0.08	265	3280	800	>10000	>10000	987	4.09	4.3	16200	46600
PP19-103494		2.78	15	1260	127	101	330	24	2.69	<0.5		
PP19-103495		2.41	4	316	66	48	241	24	3.23	<0.5		
PP19-103496		2.59	3	703	87	44	365	28	3.49	<0.5		
PP19-103497		2.72	7	1980	164	97	630	29	2.63	<0.5		
PP19-103498		2.73	5	1580	141	65	561	32	3.44	<0.5		
PP19-103499		2.61	28	2910	218	141	1060	40	2.54	<0.5		
PP19-103500		2.45	3	1160	130	57	492	28	3.07	<0.5		
PP19-103501		2.60	8	539	66	99	349	31	3.87	<0.5		
PP19-103502		2.50	17	3320	236	215	1150	45	3.32	<0.5		
PP19-103503		2.65	11	3380	327	138	929	37	2.59	<0.5		
PP19-103504		2.49	23	1460	136	110	363	30	3.29	<0.5		
PP19-103505		2.20	<1	90	36	28	211	27	3.39	<0.5		
PP19-103506		2.15	<1	71	31	7	260	31	4.35	<0.5		
PP19-103507		2.24	16	74	39	56	218	26	3.36	<0.5		
PP19-103508		2.07	7	116	42	133	178	20	2.35	<0.5		
PP19-103509		2.24	5	2030	165	71	615	33	3.60	<0.5		
PP19-103510		0.07	94	589	300	4760	4660	121	4.15	2.1		

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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			