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-NOV-2019
Account: MZI

CERTIFICATE TB19253553

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 9-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 TB19253553

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
PP19-101795		2.30	<1	1	<5	<1	4	<1	11.60	<0.5		
PP19-101796		0.07	4350	2010	1270	87	87	63	0.27	1.1		
PP19-101797		2.51	1	4	<5	76	183	51	5.61	<0.5		
PP19-101798		2.33	<1	4	<5	64	205	51	5.78	<0.5		
PP19-101799		2.43	<1	1	<5	43	205	54	6.04	<0.5		
PP19-101800		2.47	1	2	<5	106	201	54	5.82	0.5		
PP19-101801		2.33	1	1	<5	132	213	56	5.46	<0.5		
PP19-101802		2.42	1	37	<5	62	221	52	5.58	<0.5		
PP19-101803		2.51	1	34	<5	73	218	50	5.69	<0.5		
PP19-101804		2.37	1	36	<5	51	212	51	5.70	<0.5		
PP19-101805		2.42	1	1	<5	71	219	52	5.64	<0.5		
PP19-101806		2.49	1	12	<5	70	224	51	5.52	<0.5		
PP19-101807		2.45	3	2	<5	92	225	53	5.73	0.6		
PP19-101808		2.34	4	82	12	98	240	53	5.56	<0.5		
PP19-101809		2.70	10	33	<5	124	228	53	5.64	<0.5		
PP19-101810		2.55	7	44	<5	244	230	52	5.34	<0.5		
PP19-101811		2.66	12	430	25	186	314	55	5.61	<0.5		
PP19-101812		2.50	20	502	34	217	381	59	5.09	<0.5		
PP19-101813		2.61	38	494	40	486	534	65	5.61	0.5		
PP19-101814		2.64	12	59	7	359	477	68	6.79	0.6		
PP19-101815		0.07	69	607	291	4530	4410	117	3.98	2.4		
PP19-101816		2.61	8	63	<5	234	274	56	5.21	<0.5		
PP19-101817		2.47	7	17	<5	195	263	52	5.30	0.6		
PP19-101818		2.39	3	12	<5	108	284	69	7.24	0.5		
PP19-101819		2.48	18	262	15	195	288	52	4.84	<0.5		
PP19-101820		2.24	3	2	<5	82	208	47	4.89	0.5		
PP19-101821		2.19	40	524	31	232	358	51	4.48	<0.5		
PP19-101822		2.07	20	253	16	153	245	43	4.43	<0.5		
PP19-101823		2.22	42	792	52	303	384	52	4.48	<0.5		
PP19-101824		2.05	4	3	<5	82	183	44	4.54	<0.5		
PP19-101825		2.06	4	19	<5	107	222	49	5.22	<0.5		
PP19-101826		2.25	29	468	56	241	310	49	4.72	0.5		
PP19-101827		1.89	2	8	<5	84	203	47	4.92	<0.5		
PP19-101828		2.60	63	1260	112	298	530	51	5.05	<0.5		
PP19-101829		2.21	161	1020	80	543	528	54	5.38	<0.5		
PP19-101830		2.17	9	16	<5	92	205	43	4.90	<0.5		
PP19-101831		2.18	38	510	32	335	380	51	4.77	<0.5		
PP19-101832		2.31	126	1220	131	715	451	44	4.32	<0.5		
PP19-101833		1.90	22	174	17	176	245	44	4.86	<0.5		
PP19-101834		1.91	15	39	<5	103	176	43	5.05	<0.5		

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CERTIFICATE OF ANALYSIS TB19253553

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
PP19-101835		1.50	<1	1	<5	<1	2	<1	12.45	<0.5		
PP19-101836		1.42	9	15	<5	123	16	3	0.24	<0.5		
PP19-101837		2.47	26	619	44	370	404	52	4.99	<0.5		
PP19-101838		2.42	11	123	5	116	215	44	4.87	<0.5		
PP19-101839		2.41	12	21	<5	121	274	47	6.03	<0.5		
PP19-101840		1.86	12	105	16	83	200	39	5.02	<0.5		
PP19-101841		2.21	203	1420	147	856	844	52	4.74	<0.5		
PP19-101842		2.21	201	1670	123	1085	1210	70	5.15	<0.5		
PP19-101843		2.22	80	409	25	417	438	48	5.34	<0.5		
PP19-101844		2.09	164	748	67	537	544	47	4.71	<0.5		
PP19-101845		2.21	173	1900	201	955	854	57	4.53	<0.5		
PP19-101846		1.97	27	1000	107	267	413	37	3.43	<0.5		
PP19-101847		2.71	57	845	48	593	520	45	3.98	<0.5		
PP19-101848		2.41	80	2450	173	1015	1090	64	4.41	<0.5		
PP19-101849		2.51	72	1660	136	877	748	54	4.30	<0.5		
PP19-101850		2.73	32	540	34	507	462	47	4.14	<0.5		
PP19-101851		1.82	33	1020	62	536	548	59	4.12	<0.5		
PP19-101852		1.75	10	127	6	224	156	31	3.66	<0.5		
PP19-101853		1.76	16	891	80	566	511	30	1.21	<0.5		
PP19-101854		1.94	8	1200	58	772	1815	57	0.27	<0.5		
PP19-101855		0.12	278	3260	779	>10000	>10000	939	3.93	3.7	16100	45200
PP19-101856		2.37	2	68	<5	81	116	8	0.60	<0.5		
PP19-101857		2.50	58	892	66	209	306	9	0.65	<0.5		
PP19-101858		2.38	34	327	23	205	138	6	0.62	<0.5		
PP19-101859		2.07	8	163	12	142	49	3	0.23	<0.5		
PP19-101860		1.57	3	35	<5	76	37	8	0.75	<0.5		
PP19-101861		1.73	9	135	<5	204	157	39	3.47	<0.5		
PP19-101862		2.03	48	670	42	663	629	54	4.46	<0.5		
PP19-101863		2.71	168	2720	217	1395	1515	70	4.84	0.6		
PP19-101864		2.51	20	539	28	226	576	53	5.60	<0.5		
PP19-101865		2.81	62	534	48	603	499	49	4.78	<0.5		
PP19-101866		2.51	63	416	35	421	443	47	4.50	<0.5		
PP19-101867		2.35	29	194	24	411	449	49	5.51	<0.5		
PP19-101868		2.40	23	213	15	205	400	45	5.59	<0.5		
PP19-101869		2.15	44	370	34	332	510	49	5.76	<0.5		
PP19-101870		2.47	272	846	42	561	758	55	5.99	<0.5		
PP19-101871		2.22	67	548	24	313	615	49	5.53	<0.5		
PP19-101872		0.07	73	600	293	4480	4350	115	4.02	1.7		

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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			