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 TB19268350

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 TB19268350

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
PP19-102497		2.38	3	<1	<5	4	6	2	11.15	<0.5		
PP19-102498		0.07	4290	1940	1260	86	86	63	0.26	0.8		
PP19-102499		2.13	5	62	<5	434	399	67	5.19	<0.5		
PP19-102500		2.13	<1	19	<5	96	128	45	4.89	<0.5		
PP19-102501		2.16	2	52	6	172	161	47	4.70	<0.5		
PP19-102502		2.03	4	171	15	213	262	53	4.70	<0.5		
PP19-102503		2.08	4	206	16	277	276	54	4.75	<0.5		
PP19-102504		2.03	2	78	8	128	175	48	4.40	<0.5		
PP19-102505		2.17	<1	15	<5	125	154	49	4.38	<0.5		
PP19-102506		2.10	<1	8	<5	74	143	47	4.40	<0.5		
PP19-102507		2.14	2	<1	<5	100	149	48	4.38	<0.5		
PP19-102508		2.02	1	14	<5	88	162	50	4.61	<0.5		
PP19-102509		2.15	1	30	<5	176	243	61	4.99	<0.5		
PP19-102510		2.06	<1	<1	<5	91	140	48	4.11	<0.5		
PP19-102511		2.04	3	83	6	209	247	55	4.69	<0.5		
PP19-102512		2.06	7	138	12	211	264	59	5.07	<0.5		
PP19-102513		2.07	8	31	5	356	307	62	4.12	<0.5		
PP19-102514		1.99	1	1	<5	163	169	50	4.16	<0.5		
PP19-102515		2.02	<1	30	5	147	132	45	4.13	<0.5		
PP19-102516		2.01	2	1	<5	161	140	48	4.21	<0.5		
PP19-102517		0.07	60	624	299	4650	4630	119	4.06	2.0		
PP19-102518		2.07	<1	<1	<5	134	142	45	4.08	<0.5		
PP19-102519		2.15	2	49	5	76	166	48	4.17	<0.5		
PP19-102520		1.88	<1	69	5	133	177	46	3.96	<0.5		
PP19-102521		2.02	2	34	<5	138	174	46	4.04	<0.5		
PP19-102522		2.15	20	498	43	247	421	53	4.31	<0.5		
PP19-102523		2.04	8	29	<5	210	161	44	3.90	<0.5		
PP19-102524		2.06	<1	5	<5	167	155	47	4.17	<0.5		
PP19-102525		1.89	<1	3	<5	132	150	46	4.15	<0.5		
PP19-102526		1.90	2	235	6	289	345	48	3.85	<0.5		
PP19-102527		2.05	<1	134	9	180	253	51	4.11	<0.5		
PP19-102528		1.83	1	51	<5	137	194	48	4.33	<0.5		
PP19-102529		1.92	<1	<1	<5	83	154	45	4.22	<0.5		
PP19-102530		2.20	2	73	5	150	146	33	2.62	<0.5		
PP19-102531		1.94	1	231	20	79	195	44	4.02	<0.5		
PP19-102532		1.96	1	1	<5	93	134	45	3.89	<0.5		
PP19-102533		1.95	3	3	<5	267	107	40	3.62	<0.5		
PP19-102534		2.02	<1	13	<5	175	181	57	4.23	<0.5		
PP19-102535		2.01	<1	1	<5	110	99	47	4.26	<0.5		
PP19-102536		2.40	6	158	7	498	229	66	4.04	<0.5		

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Account: MZI

Project: 18-300

CERTIFICATE OF ANALYSIS TB19268350

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
PP19-102537		2.14	<1	1	<5	3	1	1	12.35	<0.5		
PP19-102538		2.15	4	163	12	626	174	47	3.07	0.6		
PP19-102539		2.31	2	13	<5	351	91	42	3.17	0.5		
PP19-102540		2.44	7	478	30	709	526	59	4.09	0.6		
PP19-102541		2.30	<1	13	<5	97	128	46	4.18	<0.5		
PP19-102542		2.35	<1	1	<5	59	111	43	4.17	<0.5		
PP19-102543		2.48	3	3	<5	109	127	46	4.29	<0.5		
PP19-102544		2.47	15	130	10	144	167	46	4.29	<0.5		
PP19-102545		2.46	1	10	<5	107	145	45	4.13	<0.5		
PP19-102546		2.16	11	141	12	211	259	51	4.36	<0.5		
PP19-102547		2.31	6	182	22	188	263	55	4.24	<0.5		
PP19-102548		2.38	2	25	<5	156	153	43	4.23	<0.5		
PP19-102549		2.35	<1	14	<5	75	153	46	4.73	<0.5		
PP19-102550		2.37	<1	41	<5	115	111	48	4.55	<0.5		
PP19-102551		2.30	<1	22	<5	145	149	50	4.61	<0.5		
PP19-102552		2.42	1	28	<5	307	271	59	5.04	0.5		
PP19-102553		2.42	2	39	<5	162	152	48	4.70	<0.5		
PP19-102554		2.36	5	11	<5	237	223	51	4.70	<0.5		
PP19-102555		2.26	<1	7	<5	154	211	49	4.86	<0.5		
PP19-102556		2.34	2	18	<5	244	236	48	5.01	<0.5		
PP19-102557		0.12	221	3370	771	>10000	>10000	951	3.98	4.2	16400	46600
PP19-102558		2.29	<1	42	15	474	280	55	5.53	<0.5		
PP19-102559		3.02	4	81	33	434	263	37	6.38	<0.5		
PP19-102560		1.62	<1	2	<5	37	20	4	0.62	<0.5		
PP19-102561		1.91	<1	8	<5	86	94	12	2.37	<0.5		
PP19-102562		2.19	<1	15	<5	400	210	43	5.50	<0.5		
PP19-102563		1.89	<1	11	<5	226	134	28	4.81	<0.5		
PP19-102564		2.45	1	<1	<5	134	119	33	3.05	<0.5		
PP19-102565		2.30	<1	2	<5	110	141	40	3.69	<0.5		
PP19-102566		2.72	1	26	<5	89	121	37	3.16	<0.5		
PP19-102567		2.55	<1	1	<5	71	128	48	4.93	<0.5		
PP19-102568		2.49	<1	22	<5	79	112	36	3.21	<0.5		
PP19-102569		2.29	7	182	12	145	197	45	3.80	<0.5		
PP19-102570		2.44	3	64	<5	91	187	48	4.90	<0.5		
PP19-102571		2.32	<1	59	<5	77	143	41	3.97	<0.5		
PP19-102572		2.24	4	65	5	208	203	40	2.98	<0.5		
PP19-102573		2.32	2	5	<5	159	184	41	3.82	<0.5		
PP19-102574		0.07	88	593	305	4410	4270	110	3.90	2.0		

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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			