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: 29-OCT-2019
Account: MZI

CERTIFICATE TB19259156

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 15-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 TB19259156

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
PP19-102263		1.80	<1	1	<5	2	5	<1	13.60	<0.5		
PP19-102264		0.07	5060	2010	1300	87	85	62	0.26	0.8		
PP19-102265		1.87	28	4250	1840	161	596	46	5.15	<0.5		
PP19-102266		2.09	26	607	143	281	555	59	7.78	<0.5		
PP19-102267		2.13	39	545	110	452	572	68	9.30	<0.5		
PP19-102268		2.20	10	655	226	53	406	49	6.85	<0.5		
PP19-102269		2.07	18	802	193	125	376	44	5.73	<0.5		
PP19-102270		2.02	30	1600	246	395	727	51	5.44	<0.5		
PP19-102271		2.07	7	607	206	120	301	22	2.78	<0.5		
PP19-102272		2.21	7	1110	127	82	568	38	4.91	<0.5		
PP19-102273		2.15	45	2440	278	796	1190	62	6.82	<0.5		
PP19-102274		2.18	220	4960	391	2420	2350	84	5.71	0.9		
PP19-102275		2.09	46	1550	150	307	722	51	6.34	<0.5		
PP19-102276		1.70	70	947	187	615	735	50	5.74	<0.5		
PP19-102277		2.57	264	2430	105	1880	1330	62	6.05	0.6		
PP19-102278		2.06	17	232	74	125	297	34	4.57	<0.5		
PP19-102279		2.27	33	699	167	231	416	50	5.93	<0.5		
PP19-102280		2.06	34	2810	140	897	1135	63	4.93	1.3		
PP19-102281		2.33	12	137	<5	373	423	50	4.83	<0.5		
PP19-102282		2.65	17	917	105	231	647	51	5.37	<0.5		
PP19-102283		0.07	76	601	328	4520	4270	109	3.80	1.8		
PP19-102284		1.75	16	1680	317	102	453	38	4.25	<0.5		
PP19-102285		2.24	2	437	199	100	253	23	2.76	<0.5		
PP19-102286		2.24	50	1500	201	625	696	40	4.04	<0.5		
PP19-102287		2.20	12	426	54	286	427	37	4.93	<0.5		
PP19-102288		2.25	5	53	21	62	341	43	5.22	<0.5		
PP19-102289		2.36	9	169	35	61	368	43	5.50	<0.5		
PP19-102290		2.34	15	459	112	93	610	75	10.65	<0.5		
PP19-102291		2.33	29	2340	383	104	464	44	5.27	<0.5		
PP19-102292		2.15	19	1940	347	124	503	36	3.49	<0.5		
PP19-102293		2.38	56	2430	512	440	570	41	4.32	<0.5		
PP19-102294		2.02	19	1540	222	570	546	32	3.06	<0.5		
PP19-102295		2.22	4	449	57	40	342	40	4.90	<0.5		
PP19-102296		2.05	10	369	59	58	342	42	5.24	<0.5		
PP19-102297		2.05	13	2610	683	41	326	33	4.17	<0.5		
PP19-102298		1.97	5	321	87	49	397	44	5.83	<0.5		
PP19-102299		2.15	11	1110	112	75	398	42	5.53	<0.5		
PP19-102300		2.19	12	1100	108	153	752	47	5.55	<0.5		
PP19-102301		2.17	34	729	80	304	554	45	5.36	<0.5		
PP19-102302		2.01	24	424	64	136	362	42	5.51	<0.5		

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CERTIFICATE OF ANALYSIS TB19259156

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
PP19-102303		1.43	<1	1	<5	<1	2	1	12.60	<0.5		
PP19-102304		1.87	11	167	26	72	351	44	5.70	<0.5		
PP19-102305		2.02	11	116	32	96	358	45	5.57	<0.5		
PP19-102306		2.13	32	120	27	96	371	47	5.71	<0.5		
PP19-102307		2.35	21	92	21	88	376	49	5.84	<0.5		
PP19-102308		2.16	39	100	20	161	441	48	5.60	<0.5		
PP19-102309		2.16	12	377	52	285	487	47	4.85	<0.5		
PP19-102310		1.94	171	3070	189	1210	2100	80	5.79	0.6		
PP19-102311		2.29	52	376	45	230	395	46	5.88	<0.5		
PP19-102312		2.29	27	213	37	176	386	49	6.26	<0.5		
PP19-102313		1.77	8	127	19	67	301	42	5.43	<0.5		
PP19-102314		2.20	16	358	39	106	322	44	5.77	<0.5		
PP19-102315		2.27	5	144	60	123	231	40	5.38	<0.5		
PP19-102316		1.85	2	184	86	61	276	40	4.88	<0.5		
PP19-102317		2.12	4	332	90	101	271	41	4.86	<0.5		
PP19-102318		2.06	1	155	75	65	202	32	3.63	<0.5		
PP19-102319		2.04	4	194	75	73	207	31	3.58	<0.5		
PP19-102320		1.91	10	894	419	66	246	35	4.12	<0.5		
PP19-102321		2.33	2	290	136	56	326	44	5.86	<0.5		
PP19-102322		2.08	7	491	158	70	477	43	5.51	<0.5		
PP19-102323		0.12	233	3460	806	>10000	>10000	938	3.86	4.0	16450	46600
PP19-102324		2.33	7	715	158	112	400	48	5.91	<0.5		
PP19-102325		2.29	5	625	120	57	246	36	4.12	<0.5		
PP19-102326		2.29	12	352	116	105	225	33	3.68	<0.5		
PP19-102327		2.71	7	467	108	60	247	39	4.51	<0.5		
PP19-102328		1.72	3	4	<5	229	37	12	0.89	<0.5		
PP19-102329		1.87	<1	7	<5	17	35	11	0.93	<0.5		
PP19-102330		1.16	<1	<1	<5	9	26	10	0.73	<0.5		
PP19-102331		2.05	<1	<1	<5	40	14	25	1.31	<0.5		
PP19-102332		1.35	<1	<1	<5	36	29	13	0.92	<0.5		
PP19-102333		2.27	<1	<1	<5	14	20	7	0.83	<0.5		
PP19-102334		2.04	<1	<1	<5	43	10	9	0.56	<0.5		
PP19-102335		1.98	<1	1	<5	61	14	12	0.91	<0.5		
PP19-102336		2.05	<1	<1	<5	12	40	19	1.54	<0.5		
PP19-102337		1.92	<1	<1	<5	11	9	7	0.58	<0.5		
PP19-102338		1.90	<1	<1	<5	4	2	4	0.36	<0.5		
PP19-102339		1.89	<1	<1	<5	8	<1	4	0.31	<0.5		
PP19-102340		0.07	85	630	310	4600	4550	113	3.94	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			