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 TB19254968

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 10-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 TB19254968

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
PP19-101951		2.35	<1	<1	<5	<1	10	<1	11.90	0.7		
PP19-101952		0.07	4970	2010	1280	88	88	62	0.27	0.8		
PP19-101953		2.97	49	40	13	193	467	49	6.88	<0.5		
PP19-101954		2.29	78	326	62	338	655	61	8.43	0.7		
PP19-101955		2.63	22	342	110	158	607	67	10.10	0.6		
PP19-101956		2.66	61	756	74	296	722	51	6.96	0.5		
PP19-101957		2.12	138	1620	76	1160	1125	58	6.36	0.8		
PP19-101958		2.73	27	296	46	185	455	39	5.68	0.5		
PP19-101959		2.54	49	555	122	528	732	48	5.80	0.6		
PP19-101960		2.43	38	618	69	327	598	45	5.86	<0.5		
PP19-101961		2.46	276	754	58	572	819	53	5.52	0.6		
PP19-101962		2.32	38	226	58	244	463	49	6.69	<0.5		
PP19-101963		2.77	19	204	87	141	373	44	6.07	<0.5		
PP19-101964		2.48	20	40	11	178	386	42	5.28	0.6		
PP19-101965		2.56	45	250	102	296	506	49	6.21	0.5		
PP19-101966		2.52	12	2	<5	140	381	47	6.15	<0.5		
PP19-101967		2.62	19	30	7	128	367	50	6.46	<0.5		
PP19-101968		2.55	42	940	48	229	577	53	6.38	<0.5		
PP19-101969		2.62	21	160	20	177	460	47	5.86	<0.5		
PP19-101970		2.46	9	58	8	141	347	44	6.20	<0.5		
PP19-101971		0.07	54	618	284	4380	4370	112	3.93	2.4		
PP19-101972		2.55	14	299	27	155	450	49	6.08	0.5		
PP19-101973		2.52	5	17	<5	102	319	47	5.75	0.5		
PP19-101974		2.48	9	5	<5	178	271	33	3.55	0.5		
PP19-101975		2.67	8	84	14	140	285	38	4.25	<0.5		
PP19-101976		2.62	8	40	<5	257	318	47	5.31	<0.5		
PP19-101977		2.29	40	375	63	282	540	49	5.52	<0.5		
PP19-101978		2.56	30	444	57	297	531	46	5.32	<0.5		
PP19-101979		2.54	15	322	77	101	434	49	6.27	0.5		
PP19-101980		2.49	93	602	108	218	619	47	5.50	0.5		
PP19-101981		2.51	47	827	142	333	623	58	7.57	0.6		
PP19-101982		2.50	21	2120	197	946	3210	90	5.28	2.0		
PP19-101983		2.53	8	264	89	86	347	40	5.14	0.6		
PP19-101984		2.55	12	755	117	105	488	45	6.04	<0.5		
PP19-101985		2.48	12	408	117	111	534	63	8.94	<0.5		
PP19-101986		2.49	29	671	110	249	701	68	9.12	0.7		
PP19-101987		2.50	34	1210	254	198	458	38	5.27	0.5		
PP19-101988		2.41	97	948	129	433	615	50	6.09	0.6		
PP19-101989		2.55	26	463	168	100	342	42	5.77	<0.5		
PP19-101990		2.63	45	463	87	165	475	55	7.85	<0.5		

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CERTIFICATE OF ANALYSIS TB19254968

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
PP19-101991		0.97	<1	1	<5	<1	6	<1	11.30	0.5		
PP19-101992		2.13	15	108	25	74	351	46	6.23	0.6		
PP19-101993		1.42	14	61	13	69	346	44	6.38	<0.5		
PP19-101994		2.43	28	75	19	99	345	42	5.83	<0.5		
PP19-101995		2.70	12	81	30	79	397	47	6.58	0.6		
PP19-101996		2.31	14	95	27	108	392	48	6.65	<0.5		
PP19-101997		2.53	21	138	40	205	485	53	6.88	<0.5		
PP19-101998		2.45	20	94	21	156	424	50	6.56	0.5		
PP19-101999		2.16	36	135	33	178	448	49	6.61	0.6		
PP19-102000		2.16	16	92	25	96	391	49	6.67	<0.5		
PP19-102001		2.54	14	96	34	98	453	53	7.56	<0.5		
PP19-102002		2.11	8	190	51	81	530	63	9.25	0.5		
PP19-102003		2.14	21	540	138	87	573	69	9.88	0.5		
PP19-102004		1.90	14	406	130	71	391	49	6.58	0.5		
PP19-102005		2.06	20	589	135	85	549	66	9.30	<0.5		
PP19-102006		2.48	40	605	129	155	425	51	7.04	<0.5		
PP19-102007		2.97	21	509	130	106	429	56	7.23	<0.5		
PP19-102008		2.18	11	308	93	94	294	40	5.23	<0.5		
PP19-102009		2.11	118	622	241	102	442	49	7.03	0.7		
PP19-102010		2.19	9	417	147	149	326	37	4.79	<0.5		
PP19-102011		0.12	229	3330	771	>10000	>10000	951	4.05	4.2	15600	44100
PP19-102012		2.25	19	486	106	105	691	71	11.75	<0.5		
PP19-102013		2.18	16	413	106	77	717	83	12.80	<0.5		
PP19-102014		2.26	19	480	129	101	738	87	13.25	<0.5		
PP19-102015		2.46	20	574	131	101	586	70	10.15	<0.5		
PP19-102016		2.15	16	748	309	69	482	58	8.42	<0.5		
PP19-102017		1.87	34	593	231	150	479	56	7.89	<0.5		
PP19-102018		2.37	19	416	128	75	450	55	7.61	<0.5		
PP19-102019		2.23	32	406	100	103	444	53	7.33	<0.5		
PP19-102020		2.37	22	349	92	86	359	45	6.07	<0.5		
PP19-102021		2.40	37	330	65	61	448	56	7.89	<0.5		
PP19-102022		2.55	13	334	104	87	416	56	7.35	<0.5		
PP19-102023		2.69	14	421	116	77	395	51	6.73	<0.5		
PP19-102024		1.80	5	457	123	43	445	56	7.97	<0.5		
PP19-102025		1.47	31	270	50	342	225	40	3.47	0.6		
PP19-102026		1.69	60	330	46	1210	208	33	4.04	1.1		
PP19-102027		1.94	<1	<1	<5	32	9	8	0.59	<0.5		
PP19-102028		0.07	64	605	293	4520	4300	111	4.03	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			