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: 15-DEC-2019
Account: MZI

CERTIFICATE TB19305489

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 2-DEC-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 TB19305489

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
PP19-103979		2.13	<1	1	<5	3	1	1	11.85	<0.5		
PP19-103980		0.07	4600	1940	1240	86	83	62	0.25	0.8		
PP19-103981		2.32	10	354	141	55	483	61	8.89	<0.5		
PP19-103982		2.22	15	352	112	68	447	57	8.20	<0.5		
PP19-103983		2.12	32	451	125	113	475	60	8.48	0.8		
PP19-103984		2.22	11	351	121	87	456	58	8.25	<0.5		
PP19-103985		2.26	8	337	123	65	471	60	8.69	<0.5		
PP19-103986		2.25	10	308	114	77	441	57	7.92	<0.5		
PP19-103987		2.31	9	374	131	70	459	58	8.40	<0.5		
PP19-103988		2.33	8	322	120	74	450	58	8.20	<0.5		
PP19-103989		2.33	16	452	158	96	494	63	8.90	<0.5		
PP19-103990		2.34	12	358	134	83	496	63	9.03	<0.5		
PP19-103991		2.37	10	382	130	71	374	44	5.99	<0.5		
PP19-103992		2.15	8	401	128	68	366	47	6.37	<0.5		
PP19-103993		2.25	5	336	153	66	377	49	6.67	<0.5		
PP19-103994		2.25	20	368	124	115	416	50	6.87	<0.5		
PP19-103995		2.23	21	413	108	157	405	54	6.82	<0.5		
PP19-103996		2.30	59	1440	154	537	741	56	6.70	<0.5		
PP19-103997		2.15	8	313	174	54	224	32	3.66	<0.5		
PP19-103998		2.25	6	295	161	46	229	34	3.82	<0.5		
PP19-103999		0.07	59	605	320	4510	4250	111	3.88	1.8		
PP19-104000		2.20	6	330	178	51	221	33	3.71	<0.5		
PP19-104001		2.23	9	145	79	89	111	26	2.43	<0.5		
PP19-104002		2.40	5	298	173	35	220	33	3.82	<0.5		
PP19-104003		2.41	4	278	159	44	239	35	4.12	<0.5		
PP19-104004		1.97	4	292	164	26	244	35	4.19	<0.5		
PP19-104005		2.03	5	292	177	40	255	35	4.27	<0.5		
PP19-104006		2.19	4	269	161	40	231	32	4.07	<0.5		
PP19-104007		2.35	3	259	155	51	232	31	3.99	<0.5		
PP19-104008		2.19	5	353	192	50	249	33	4.13	<0.5		
PP19-104009		2.26	7	324	178	86	265	35	4.53	<0.5		
PP19-104010		2.18	7	362	139	51	448	56	8.04	<0.5		
PP19-104011		2.02	11	248	81	95	374	53	6.44	<0.5		
PP19-104012		2.10	3	124	49	22	279	37	4.64	<0.5		
PP19-104013		2.24	9	393	73	245	367	37	4.33	<0.5		
PP19-104014		2.19	1	125	59	13	236	32	4.07	<0.5		
PP19-104015		2.25	9	86	35	60	199	31	3.50	<0.5		
PP19-104016		2.13	4	60	29	53	154	31	3.07	<0.5		
PP19-104017		2.23	8	315	69	74	354	58	6.78	<0.5		
PP19-104018		2.52	11	132	43	97	310	53	5.88	<0.5		

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CERTIFICATE OF ANALYSIS TB19305489

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
PP19-104019		2.19	<1	2	<5	1	<1	<1	11.50	<0.5		
PP19-104020		2.45	4	197	83	98	298	50	5.59	<0.5		
PP19-104021		2.31	3	231	113	65	316	48	5.58	<0.5		
PP19-104022		2.57	2	181	59	44	315	46	5.69	<0.5		
PP19-104023		2.38	7	651	316	135	201	31	3.34	<0.5		
PP19-104024		2.35	3	739	369	20	257	35	4.63	<0.5		
PP19-104025		2.46	7	929	269	8	334	43	5.77	<0.5		
PP19-104026		2.39	2	448	186	7	313	40	5.42	<0.5		
PP19-104027		2.38	6	370	110	37	347	44	5.83	<0.5		
PP19-104028		2.34	23	2150	676	106	380	45	6.19	<0.5		
PP19-104029		2.37	25	637	260	165	467	51	6.56	<0.5		
PP19-104030		2.37	11	129	41	189	488	44	5.54	<0.5		
PP19-104031		2.39	10	112	51	119	407	47	5.91	<0.5		
PP19-104032		2.41	47	331	91	458	580	53	6.05	<0.5		
PP19-104033		2.31	2	23	6	62	188	22	2.79	<0.5		
PP19-104034		2.43	8	342	88	268	532	60	7.19	<0.5		
PP19-104035		2.47	12	72	25	212	380	48	5.51	<0.5		
PP19-104036		2.50	5	29	11	151	292	40	4.73	<0.5		
PP19-104037		2.58	<1	5	<5	108	110	27	2.84	<0.5		
PP19-104038		2.69	<1	1	<5	42	52	12	1.20	<0.5		
PP19-104039		0.12	281	3370	803	>10000	>10000	994	4.03	4.1	16900	47700
PP19-104040		2.02	<1	1	<5	51	66	4	0.25	<0.5		
PP19-104041		2.09	<1	1	<5	31	33	10	1.24	<0.5		
PP19-104042		2.29	<1	<1	<5	28	10	3	0.39	<0.5		
PP19-104043		2.28	<1	<1	<5	11	4	4	0.38	<0.5		
PP19-104044		2.17	<1	1	<5	39	135	18	2.57	<0.5		
PP19-104045		2.29	70	784	62	454	336	14	0.57	<0.5		
PP19-104046		1.83	18	348	28	205	244	22	1.85	<0.5		
PP19-104047		1.87	62	1940	151	857	764	40	2.56	0.8		
PP19-104048		1.79	135	4710	365	1650	1625	59	1.05	1.5		
PP19-104049		2.00	61	3630	279	549	1015	45	1.30	0.6		
PP19-104050		2.93	33	167	16	185	258	35	3.92	<0.5		
PP19-104051		2.80	17	103	19	255	306	42	4.23	<0.5		
PP19-104052		2.41	17	155	17	210	304	42	4.57	<0.5		
PP19-104053		2.55	149	1480	122	813	911	59	5.21	0.8		
PP19-104054		2.40	79	1400	111	929	919	54	5.27	0.5		
PP19-104055		2.64	44	1740	147	477	830	52	5.05	0.6		
PP19-104056		0.07	61	617	328	4600	4770	118	3.91	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			