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: 28-NOV-2019
Account: MZI

CERTIFICATE TB19280359

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 5-NOV-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
PUL-QC	Pulverizing QC Test
CRU-QC	Crushing 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 TB19280359

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
PP19-103043		2.72	1	3	<5	<1	<1	<1	11.65	<0.5		
PP19-103044		0.07	4960	2010	1320	90	88	63	0.26	1.0		
PP19-103045		2.01	65	1520	600	121	428	59	7.56	<0.5		
PP19-103046		2.95	20	774	245	97	673	88	12.65	<0.5		
PP19-103047		2.69	17	479	127	80	733	94	13.70	<0.5		
PP19-103048		2.45	16	483	92	58	708	86	13.15	<0.5		
PP19-103049		2.77	15	544	90	70	705	85	13.05	<0.5		
PP19-103050		2.49	7	492	96	42	659	78	11.75	<0.5		
PP19-103051		2.60	20	491	82	64	713	87	13.15	<0.5		
PP19-103052		2.59	7	473	74	49	694	82	12.80	<0.5		
PP19-103053		2.94	7	435	83	49	689	81	12.70	<0.5		
PP19-103054		2.24	7	457	100	60	706	83	12.90	<0.5		
PP19-103055		2.91	8	492	112	64	711	85	13.05	<0.5		
PP19-103056		2.71	14	569	138	86	715	84	12.90	<0.5		
PP19-103057		2.74	8	433	109	69	699	84	12.65	<0.5		
PP19-103058		2.84	7	423	97	66	701	84	12.85	<0.5		
PP19-103059		2.61	6	374	76	46	589	68	10.55	<0.5		
PP19-103060		2.48	5	387	111	51	463	57	8.25	<0.5		
PP19-103061		2.61	38	703	155	142	503	61	8.67	<0.5		
PP19-103062		2.52	7	351	114	67	411	54	7.35	<0.5		
PP19-103063		0.07	75	610	311	4550	4350	112	3.86	2.1		
PP19-103064		2.48	6	343	123	72	358	50	6.45	<0.5		
PP19-103065		2.58	6	333	120	78	348	49	6.43	<0.5		
PP19-103066		2.46	4	330	103	46	325	45	5.94	<0.5		
PP19-103067		2.22	4	309	112	71	335	47	6.11	<0.5		
PP19-103068		2.81	5	310	110	64	305	43	5.57	<0.5		
PP19-103069		2.54	4	273	111	66	312	45	5.68	<0.5		
PP19-103070		2.45	7	224	96	66	233	34	4.09	<0.5		
PP19-103071		2.53	28	293	123	70	299	42	5.25	<0.5		
PP19-103072		2.49	19	247	103	76	299	41	5.18	<0.5		
PP19-103073		2.36	3	138	47	28	144	18	2.35	<0.5		
PP19-103074		2.42	6	254	96	63	324	44	5.58	<0.5		
PP19-103075		2.74	6	229	91	57	301	41	5.32	<0.5		
PP19-103076		2.48	7	238	94	62	312	42	5.57	<0.5		
PP19-103077		1.94	6	243	93	64	312	43	5.62	<0.5		
PP19-103078		1.62	11	243	93	67	308	41	5.33	<0.5		
PP19-103079		1.41	2	43	16	12	63	11	1.17	<0.5		
PP19-103080		1.52	4	68	23	8	63	9	0.99	<0.5		
PP19-103081		2.29	21	191	80	44	330	40	5.42	<0.5		
PP19-103082		2.37	11	186	80	82	305	42	5.27	<0.5		

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CERTIFICATE OF ANALYSIS TB19280359

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
PP19-103083		2.07	<1	<1	<5	1	<1	<1	11.95	<0.5		
PP19-103084		2.16	11	124	70	83	186	28	3.06	<0.5		
PP19-103085		2.58	17	201	78	107	360	52	6.46	<0.5		
PP19-103086		2.23	12	229	87	89	345	49	6.15	<0.5		
PP19-103087		2.34	10	206	82	81	324	45	5.62	<0.5		
PP19-103088		2.26	9	182	76	77	316	42	5.45	<0.5		
PP19-103089		1.79	9	142	49	81	326	45	5.85	<0.5		
PP19-103090		2.93	5	40	5	147	274	44	5.29	<0.5		
PP19-103091		2.33	5	104	23	458	158	43	4.83	<0.5		
PP19-103092		2.27	12	85	27	272	479	51	5.49	<0.5		
PP19-103093		2.27	8	61	19	286	429	54	5.90	<0.5		
PP19-103094		2.21	3	14	7	132	289	44	5.04	<0.5		
PP19-103095		2.35	6	16	6	265	297	43	4.77	<0.5		
PP19-103096		2.34	7	10	11	260	268	43	4.54	0.8		
PP19-103097		2.40	5	56	12	177	261	41	4.31	<0.5		
PP19-103098		1.84	2	27	7	57	217	38	4.55	<0.5		
PP19-103099		2.71	<1	<1	<5	105	29	10	0.76	<0.5		
PP19-103100		2.04	1	<1	<5	196	20	13	0.71	0.5		
PP19-103101		2.23	<1	<1	<5	40	19	9	0.78	<0.5		
PP19-103102		2.10	<1	<1	<5	23	16	9	0.79	<0.5		
PP19-103103		0.12	271	3410	827	>10000	>10000	983	3.96	4.1	16000	45000
PP19-103104		2.31	<1	<1	<5	17	39	15	1.32	<0.5		
PP19-103105		2.02	<1	<1	<5	12	14	6	0.49	<0.5		
PP19-103106		2.15	<1	<1	<5	52	24	16	1.28	<0.5		
PP19-103107		1.96	<1	<1	<5	37	10	7	0.61	<0.5		
PP19-103108		2.21	<1	<1	<5	48	9	7	0.72	<0.5		
PP19-103109		2.36	<1	<1	<5	97	11	9	0.73	<0.5		
PP19-103110		2.50	<1	<1	<5	87	9	10	0.92	<0.5		
PP19-103111		2.32	<1	<1	<5	19	13	24	1.13	<0.5		
PP19-103112		2.47	<1	<1	<5	52	35	18	1.55	<0.5		
PP19-103113		2.39	<1	<1	<5	39	24	20	1.66	<0.5		
PP19-103114		2.25	<1	1	<5	49	23	21	1.60	<0.5		
PP19-103115		2.32	<1	<1	<5	36	21	21	1.67	<0.5		
PP19-103116		2.08	14	<1	<5	44	24	23	1.84	<0.5		
PP19-103117		2.32	<1	<1	<5	38	24	22	1.80	<0.5		
PP19-103118		2.47	<1	<1	<5	54	24	22	1.55	<0.5		
PP19-103119		2.52	<1	<1	<5	83	23	22	1.63	<0.5		
PP19-103120		0.07	58	626	330	4620	4340	112	3.90	2.3		

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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			