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: 10-JUL-2019
Account: MZI

CERTIFICATE TB19152569

Project: 18-101

P.O. No.: 182449

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 23-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19152569

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
A0153033		2.39	<1	<1	<5	1	<1	<1	12.85	<0.5		
A0153034		0.08	4800	1980	1280	88	87	63	0.27	0.8		
A0153035		2.40	51	83	38	1205	594	95	4.64	0.6		
A0153036		2.54	35	87	39	942	485	83	4.41	0.5		
A0153037		2.19	42	77	34	1380	606	87	3.15	0.7		
A0153038		2.23	48	79	39	1370	622	88	2.78	0.7		
A0153039		2.65	39	71	26	1200	636	87	3.94	0.5		
A0153040		2.23	38	58	21	1150	609	99	4.75	0.6		
A0153041		2.29	51	68	27	1560	704	98	2.95	0.7		
A0153042		2.58	47	60	25	1290	665	98	4.03	0.5		
A0153043		2.54	45	72	28	1295	687	93	4.12	0.5		
A0153044		2.48	65	80	31	1810	798	98	3.27	0.7		
A0153045		2.41	51	67	26	1540	748	107	4.91	0.6		
A0153046		2.56	65	69	31	1460	806	115	4.69	<0.5		
A0153047		2.60	45	56	25	1390	748	122	4.82	0.6		
A0153048		2.70	32	67	30	1125	692	126	3.90	<0.5		
A0153049		2.69	26	57	24	840	743	145	4.19	0.5		
A0153050		2.41	47	80	35	1470	835	103	4.07	0.7		
A0153051		2.66	46	68	27	1310	780	100	4.61	<0.5		
A0153052		2.46	30	51	19	1030	671	90	4.81	0.5		
A0153053		0.07	60	567	304	4280	4150	106	3.78	1.9		
A0153054		2.37	27	44	19	871	588	90	5.07	<0.5		
A0153055		2.96	30	41	18	868	568	90	4.81	0.5		
A0153056		1.96	26	44	16	805	551	97	5.60	<0.5		
A0153057		2.51	26	101	25	621	449	88	4.88	<0.5		
A0153058		2.48	34	72	24	715	427	82	4.61	<0.5		
A0153059		2.33	68	65	26	1210	568	90	4.16	0.6		
A0153060		2.26	53	66	29	1330	673	100	4.69	0.6		
A0153061		2.26	58	77	29	1210	584	88	4.08	0.6		
A0153062		2.52	32	56	21	948	522	89	4.17	<0.5		
A0153063		2.70	28	76	31	690	477	104	6.48	<0.5		
A0153064		2.50	19	38	15	491	392	82	5.25	<0.5		
A0153065		2.68	13	24	11	520	387	89	5.70	<0.5		
A0153066		2.47	17	26	11	636	437	87	4.97	<0.5		
A0153067		2.50	19	21	11	556	386	84	4.90	<0.5		
A0153068		2.44	12	24	13	539	369	109	5.58	<0.5		
A0153069		2.53	19	26	13	656	406	113	4.50	<0.5		
A0153070		2.33	18	22	11	597	413	122	4.79	<0.5		
A0153071		1.79	12	20	9	562	397	120	4.42	<0.5		
A0153072		1.52	12	21	6	554	396	109	3.92	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19152569

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
A0153073		2.13	3	<1	<5	2	1	<1	13.00	<0.5		
A0153074		1.60	<1	13	<5	7	246	60	4.45	<0.5		
A0153075		2.49	<1	6	<5	9	173	51	4.29	<0.5		
A0153076		2.44	<1	9	<5	13	187	52	4.76	<0.5		
A0153077		2.65	2	15	5	30	170	53	4.68	<0.5		
A0153078		2.30	2	18	7	54	226	62	4.78	<0.5		
A0153079		2.78	<1	8	8	11	267	62	5.74	<0.5		
A0153080		2.18	1	7	9	14	268	65	5.88	<0.5		
A0153081		2.24	1	9	12	13	256	60	5.87	<0.5		
A0153082		2.43	<1	9	11	10	265	64	6.22	<0.5		
A0153083		2.39	<1	7	13	11	266	63	6.11	<0.5		
A0153084		2.43	<1	15	7	12	244	56	5.23	<0.5		
A0153085		2.28	<1	10	<5	17	216	51	4.62	<0.5		
A0153086		2.28	4	101	38	41	270	49	4.34	<0.5		
A0153087		2.20	6	144	52	83	230	49	4.26	<0.5		
A0153088		2.08	10	150	33	87	222	39	3.29	<0.5		
A0153089		2.06	3	26	<5	94	185	33	2.52	<0.5		
A0153090		2.05	3	56	7	67	183	36	2.79	<0.5		
A0153091		2.09	8	99	18	132	231	42	3.35	<0.5		
A0153092		2.43	3	64	14	34	288	56	5.29	<0.5		
A0153093		0.08	206	3310	782	>10000	>10000	959	3.84	3.9	16350	46200
A0153094		2.27	8	64	19	122	317	59	5.47	<0.5		
A0153095		2.39	<1	42	5	15	249	55	4.78	<0.5		
A0153096		2.21	<1	82	28	15	230	51	4.45	<0.5		
A0153097		2.33	<1	50	5	12	238	53	4.72	<0.5		
A0153098		2.53	1	33	6	17	310	56	2.78	<0.5		
A0153099		2.26	2	51	<5	35	563	78	0.86	<0.5		
A0153100		2.31	<1	32	<5	14	258	46	2.22	<0.5		
A0153101		2.21	<1	26	<5	9	260	59	4.89	<0.5		
A0153102		2.10	<1	35	<5	15	272	59	4.99	<0.5		
A0153103		2.21	<1	205	14	32	305	61	5.00	<0.5		
A0153104		2.44	<1	35	<5	34	643	106	2.83	<0.5		
A0153105		2.51	<1	41	<5	11	683	106	2.44	<0.5		
A0153106		2.57	1	82	<5	32	574	89	1.95	<0.5		
A0153107		2.21	<1	38	<5	9	557	90	2.02	<0.5		
A0153108		2.40	<1	42	<5	8	566	95	2.50	<0.5		
A0153109		2.36	<1	38	<5	6	742	114	2.87	<0.5		
A0153110		0.07	58	599	321	4480	4360	114	3.84	1.9		

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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			