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-JUN-2019
Account: MZI

CERTIFICATE TB19146179

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 16-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 TB19146179

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
A0160773		1.74	<1	1	<5	1	2	1	12.80	<0.5		
A0160774		0.08	4760	2030	1310	86	83	61	0.25	0.6		
A0160775		2.57	2	7	<5	24	325	57	5.59	<0.5		
A0160776		2.45	1	7	<5	27	320	56	5.36	<0.5		
A0160777		2.72	<1	8	<5	30	334	59	5.76	<0.5		
A0160778		2.70	1	8	<5	30	330	58	5.64	<0.5		
A0160779		2.71	7	12	<5	25	322	58	5.72	<0.5		
A0160780		2.75	1	13	<5	21	308	55	5.35	<0.5		
A0160781		2.32	2	20	<5	27	333	59	5.75	<0.5		
A0160782		2.62	23	245	21	50	407	65	5.73	<0.5		
A0160783		2.46	1	6	<5	23	284	52	5.20	<0.5		
A0160784		2.74	<1	10	<5	26	363	64	5.43	<0.5		
A0160785		2.62	<1	6	<5	20	335	62	5.57	<0.5		
A0160786		2.55	<1	4	<5	18	317	59	5.48	<0.5		
A0160787		2.64	1	15	<5	36	348	60	5.44	<0.5		
A0160788		2.30	1	8	<5	17	153	29	2.20	<0.5		
A0160789		2.50	2	18	6	26	289	54	4.92	<0.5		
A0160790		2.53	2	5	<5	44	286	52	4.93	<0.5		
A0160791		2.45	<1	2	<5	26	308	58	5.33	<0.5		
A0160792		2.48	<1	5	<5	28	374	71	6.65	<0.5		
A0160793		0.07	75	607	310	4450	4330	111	3.92	1.8		
A0160794		2.50	1	14	5	30	301	55	5.14	<0.5		
A0160795		2.52	<1	15	8	21	275	52	4.76	<0.5		
A0160796		2.40	<1	12	7	29	283	50	5.01	<0.5		
A0160797		2.32	<1	13	7	33	291	53	5.04	<0.5		
A0160798		2.58	<1	10	5	30	276	52	4.92	<0.5		
A0160799		2.51	1	13	6	30	329	59	5.72	<0.5		
A0160800		2.32	1	13	<5	38	308	56	5.22	<0.5		
A0160801		2.55	<1	9	<5	36	352	64	6.17	<0.5		
A0160802		2.55	<1	10	<5	37	331	59	5.89	<0.5		
A0160803		2.47	<1	7	<5	38	363	63	6.29	<0.5		
A0160804		2.37	1	12	<5	41	356	62	6.36	<0.5		
A0160805		2.39	1	8	<5	28	345	60	6.02	<0.5		
A0160806		2.46	<1	12	<5	31	354	61	6.10	<0.5		
A0160807		2.34	<1	12	<5	26	347	60	6.16	<0.5		
A0160808		1.99	<1	14	<5	34	382	66	6.66	<0.5		
A0160809		2.44	1	10	<5	30	354	59	6.10	<0.5		
A0160810		2.41	<1	23	<5	31	332	58	5.80	<0.5		
A0160811		1.78	1	22	<5	31	329	55	5.49	<0.5		
A0160812		2.32	4	5	<5	52	308	50	4.91	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19146179

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
A0160813		1.23	1	1	<5	1	4	<1	12.80	<0.5		
A0160814		2.25	1	25	11	89	316	46	3.79	<0.5		
A0160815		2.42	2	16	11	91	309	44	3.66	<0.5		
A0160816		2.46	2	17	10	72	277	39	3.45	<0.5		
A0160817		2.32	1	15	10	50	251	42	3.79	<0.5		
A0160818		2.49	1	69	17	48	483	91	9.29	<0.5		
A0160819		2.61	3	71	13	48	491	98	10.20	<0.5		
A0160820		2.14	4	82	12	54	472	101	10.40	<0.5		
A0160821		2.61	3	112	17	58	480	104	10.60	<0.5		
A0160822		2.58	4	81	13	52	480	103	10.55	<0.5		
A0160823		2.34	9	90	14	73	513	101	10.30	<0.5		
A0160824		2.50	8	83	13	53	478	99	10.10	<0.5		
A0160825		2.49	5	77	11	45	406	85	8.20	<0.5		
A0160826		2.51	4	70	9	42	420	86	8.50	<0.5		
A0160827		2.72	9	246	38	96	392	73	6.86	<0.5		
A0160828		1.85	49	1000	148	363	759	54	3.50	<0.5		
A0160829		2.17	49	838	124	254	591	48	4.22	<0.5		
A0160830		2.33	36	1140	127	193	462	46	4.19	<0.5		
A0160831		2.28	19	89	24	128	280	46	4.69	<0.5		
A0160832		2.46	20	100	33	142	330	50	5.63	<0.5		
A0160833		0.08	211	3330	802	>10000	>10000	965	4.05	4.1	16400	45800
A0160834		2.26	19	135	26	122	330	39	3.84	<0.5		
A0160835		2.37	253	1910	262	1305	817	62	3.34	<0.5		
A0160836		2.36	134	887	130	777	601	56	4.38	<0.5		
A0160837		2.39	96	582	90	591	545	54	4.37	<0.5		
A0160838		2.30	116	532	83	685	641	59	5.19	<0.5		
A0160839		2.43	168	895	141	878	674	60	4.50	0.5		
A0160840		2.16	210	816	149	790	754	65	5.36	<0.5		
A0160841		1.99	2	22	5	80	103	27	2.75	<0.5		
A0160842		2.01	1	13	<5	37	76	20	1.97	<0.5		
A0160843		2.19	1	34	6	37	136	32	3.32	<0.5		
A0160844		2.08	<1	26	<5	11	158	33	3.63	<0.5		
A0160845		2.32	<1	54	11	55	207	43	3.81	<0.5		
A0160846		2.27	1	5	<5	215	338	84	4.16	<0.5		
A0160847		2.20	6	174	49	74	335	37	3.84	<0.5		
A0160848		2.30	4	42	9	149	337	88	6.09	<0.5		
A0160849		2.34	3	32	8	117	302	93	6.63	<0.5		
A0160850		0.07	152	595	285	4460	4280	113	3.95	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			