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: 18-MAR-2019
Account: MZI

CERTIFICATE TB19055383

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 7-MAR-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
CLAIRE MCGUINNESS	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:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19055383

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
X095710		2.01	1	<1	<5	2	<1	<1	13.15	<0.5		
X095711		0.07	4870	1990	1190	83	82	59	0.25	1.0		
X095712		2.20	47	495	65	358	360	49	4.65	<0.5		
X095713		2.19	38	651	70	436	444	57	5.38	<0.5		
X095714		2.07	27	825	80	680	577	60	4.90	<0.5		
X095715		2.04	21	502	51	420	367	44	3.76	<0.5		
X095716		2.06	7	621	70	305	390	44	3.69	<0.5		
X095717		2.46	13	7	<5	174	141	36	3.17	<0.5		
X095718		1.73	6	1	<5	166	69	48	3.25	<0.5		
X095719		2.21	2	<1	<5	62	56	42	2.75	<0.5		
X095720		2.18	2	<1	<5	45	62	45	3.03	<0.5		
X095721		2.10	2	1	<5	57	69	53	3.40	<0.5		
X095722		2.10	3	<1	<5	98	57	47	2.95	<0.5		
X095723		2.32	15	2	<5	224	102	61	3.38	<0.5		
X095724		1.64	19	484	53	292	412	59	5.02	<0.5		
X095725		2.64	6	39	<5	182	248	44	4.20	<0.5		
X095726		2.12	14	4	<5	192	325	49	4.87	<0.5		
X095727		2.18	6	30	<5	183	256	53	4.91	<0.5		
X095728		2.11	3	33	<5	99	235	49	5.10	<0.5		
X095729		2.15	2	27	<5	81	261	44	4.85	<0.5		
X095730		0.08	75	574	287	4550	4390	115	3.94	1.9		
X095731		2.17	14	324	27	197	380	50	5.08	<0.5		
X095732		2.18	18	159	10	191	300	51	5.10	<0.5		
X095733		2.17	16	108	22	255	319	55	5.34	<0.5		
X095734		2.28	4	13	<5	98	240	47	5.29	<0.5		
X095735		2.09	5	30	<5	113	264	48	5.60	<0.5		
X095736		2.11	8	13	<5	149	272	47	5.25	<0.5		
X095737		2.01	6	29	<5	118	264	50	5.32	<0.5		
X095738		2.10	5	118	9	150	299	51	5.40	<0.5		
X095739		2.15	5	82	8	159	298	51	5.04	<0.5		
X095740		2.02	17	33	<5	280	324	60	5.68	<0.5		
X095741		2.03	6	35	<5	192	301	57	5.74	<0.5		
X095742		2.25	9	18	<5	203	345	61	5.96	<0.5		
X095743		2.17	7	4	<5	141	283	59	5.78	<0.5		
X095744		2.13	10	14	<5	168	265	55	5.39	<0.5		
X095745		2.06	10	49	5	152	256	51	4.84	<0.5		
X095746		2.32	4	8	<5	71	247	46	5.34	<0.5		
X095747		2.06	6	28	<5	127	236	53	5.15	<0.5		
X095748		2.18	12	552	84	141	252	42	4.18	<0.5		
X095749		2.02	13	103	9	163	308	55	5.40	<0.5		

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CERTIFICATE OF ANALYSIS TB19055383

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
X095750		2.09	1	<1	<5	1	2	<1	12.95	<0.5		
X095751		2.15	4	7	<5	93	239	50	5.25	<0.5		
X095752		2.00	5	36	<5	99	221	47	4.82	<0.5		
X095753		2.33	24	284	19	216	362	60	5.94	<0.5		
X095754		2.19	4	10	<5	107	230	45	5.12	<0.5		
X095755		2.09	15	183	16	196	277	50	5.11	<0.5		
X095756		2.14	34	220	24	227	313	56	5.06	<0.5		
X095757		2.13	5	8	<5	104	215	44	4.67	<0.5		
X095758		2.11	112	890	97	488	542	58	5.04	<0.5		
X095759		2.28	17	73	6	168	230	46	4.61	<0.5		
X095760		2.13	10	39	<5	97	213	43	4.81	<0.5		
X095761		2.48	72	164	9	201	262	43	4.64	<0.5		
X095762		1.70	15	89	5	176	272	47	5.05	<0.5		
X095763		2.09	4	2	<5	82	207	44	4.99	<0.5		
X095764		2.13	4	7	<5	109	209	50	4.93	<0.5		
X095765		2.07	4	<1	<5	137	214	59	4.65	<0.5		
X095766		2.19	5	30	<5	128	207	52	4.98	<0.5		
X095767		2.02	4	19	<5	87	218	43	4.93	<0.5		
X095768		2.19	23	124	14	147	250	45	4.88	<0.5		
X095769		2.36	5	25	<5	138	216	49	5.21	<0.5		
X095770		0.08	234	3450	807	>10000	>10000	967	3.95	4.4	16400	45500
X095771		2.25	108	1840	226	764	759	67	5.52	<0.5		
X095772		2.33	541	4980	482	2350	2010	145	8.93	0.9		
X095773		2.13	89	706	77	348	429	60	5.49	<0.5		
X095774		2.65	139	1240	128	542	760	86	7.07	<0.5		
X095775		2.05	9	143	11	151	253	49	5.01	<0.5		
X095776		2.25	52	651	71	345	475	70	5.80	<0.5		
X095777		2.42	5	28	8	113	215	45	4.71	<0.5		
X095778		2.13	1	13	<5	77	227	43	5.07	<0.5		
X095779		2.22	45	664	49	227	355	56	5.67	<0.5		
X095780		1.93	130	653	73	360	462	64	5.81	<0.5		
X095781		2.61	2	8	<5	98	257	48	5.55	<0.5		
X095782		2.23	2	57	10	116	246	46	5.33	0.5		
X095783		2.35	9	390	35	166	293	52	5.19	<0.5		
X095784		2.15	1	30	5	99	235	43	5.08	<0.5		
X095785		2.09	2	105	12	115	261	47	5.00	<0.5		
X095786		1.95	10	262	46	157	255	46	5.06	<0.5		
X095787		0.08	132	621	286	4510	4350	115	3.92	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			