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: 14-MAR-2019
Account: MZI

CERTIFICATE TB19049334

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 28-FEB-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 TB19049334

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
X095398		2.59	<1	<1	<5	1	1	2	13.85	<0.5		
X095399		0.07	5250	2040	1280	86	86	64	0.27	1.0		
X095400		2.33	15	31	<5	415	673	77	6.99	<0.5		
X095401		1.82	9	8	<5	537	734	80	8.48	<0.5		
X095402		2.02	8	8	<5	525	743	77	7.47	<0.5		
X095403		1.97	3	2	<5	266	434	64	6.48	<0.5		
X095404		2.00	16	20	<5	491	607	74	7.91	<0.5		
X095405		2.09	9	5	<5	504	676	78	8.11	<0.5		
X095406		2.06	10	67	5	361	532	79	8.65	<0.5		
X095407		1.40	14	229	22	300	503	70	7.73	<0.5		
X095408		1.54	6	29	<5	336	555	81	9.25	<0.5		
X095409		1.37	2	3	<5	355	566	79	9.09	<0.5		
X095410		1.90	6	42	<5	336	545	77	8.99	<0.5		
X095411		1.99	3	31	<5	244	445	67	7.76	<0.5		
X095412		1.91	20	274	<5	473	499	71	7.91	<0.5		
X095413		1.98	9	98	10	459	565	79	8.14	<0.5		
X095414		2.00	10	4	<5	537	660	83	7.65	<0.5		
X095415		2.08	4	8	<5	155	511	85	11.55	<0.5		
X095416		1.92	19	211	24	349	488	78	8.44	<0.5		
X095417		1.84	6	20	<5	172	264	50	4.49	<0.5		
X095418		0.08	102	592	272	4420	4280	116	4.08	1.8		
X095419		1.57	<1	<1	<5	99	239	57	5.16	<0.5		
X095420		1.94	<1	1	<5	153	313	64	5.53	<0.5		
X095421		1.31	14	18	<5	410	371	54	4.14	<0.5		
X095422		1.43	18	42	<5	281	210	30	2.60	<0.5		
X095423		1.76	13	45	8	187	205	35	3.83	<0.5		
X095424		2.23	1	<1	<5	118	230	56	4.93	<0.5		
X095425		1.46	<1	<1	<5	129	218	55	4.73	<0.5		
X095426		2.48	10	18	<5	289	311	47	3.80	<0.5		
X095427		2.09	12	83	11	182	263	46	4.85	<0.5		
X095428		1.98	2	<1	<5	100	293	67	6.16	<0.5		
X095429		2.03	<1	<1	<5	70	236	51	5.36	<0.5		
X095430		1.75	1	1	<5	98	207	44	4.36	<0.5		
X095431		2.27	7	47	6	208	265	68	5.28	<0.5		
X095432		1.69	17	33	<5	421	515	67	6.42	<0.5		
X095433		2.01	44	334	35	498	462	75	7.58	<0.5		
X095434		1.94	3	12	<5	170	312	63	6.53	<0.5		
X095435		2.07	9	81	12	372	562	73	5.94	<0.5		
X095436		1.88	11	32	<5	221	269	57	5.30	<0.5		
X095437		2.03	8	17	5	185	269	48	5.09	<0.5		

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CERTIFICATE OF ANALYSIS TB19049334

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
X095438		2.64	<1	<1	<5	2	2	1	13.75	<0.5		
X095439		1.94	13	59	7	249	377	55	5.36	<0.5		
X095440		1.98	30	110	8	515	504	58	5.27	<0.5		
X095441		1.96	18	7	<5	647	797	83	7.32	<0.5		
X095442		1.93	13	22	<5	454	488	64	6.16	<0.5		
X095443		2.12	4	2	<5	323	454	66	6.31	<0.5		
X095444		2.01	2	2	<5	293	530	83	7.85	<0.5		
X095445		2.06	3	25	<5	210	412	75	7.96	<0.5		
X095446		2.21	15	116	13	775	1060	121	9.23	<0.5		
X095447		1.71	<1	<1	<5	110	327	63	7.78	<0.5		
X095448		2.08	1	1	<5	165	288	62	5.32	<0.5		
X095449		2.01	2	7	<5	178	305	66	6.19	<0.5		
X095450		1.44	3	3	<5	252	378	62	5.80	<0.5		
X095451		2.62	1	<1	<5	150	346	75	7.35	<0.5		
X095452		2.50	10	19	<5	339	516	95	9.07	<0.5		
X095453		2.44	4	51	17	147	279	50	5.60	<0.5		
X095454		2.46	1	36	<5	128	302	50	6.07	<0.5		
X095455		2.22	9	69	12	130	314	54	6.23	<0.5		
X095456		2.65	12	166	9	200	367	71	7.27	<0.5		
X095457		2.19	3	4	<5	117	288	49	6.29	<0.5		
X095458		0.08	299	3430	793	>10000	>10000	991	4.13	4.0	15900	43500
X095459		1.98	1	2	<5	151	359	72	6.80	<0.5		
X095460		2.41	1	4	<5	260	477	87	7.69	<0.5		
X095461		2.22	5	27	<5	331	624	92	9.01	<0.5		
X095462		2.08	6	129	11	199	404	62	6.51	<0.5		
X095463		1.63	2	26	<5	93	282	55	6.23	<0.5		
X095464		2.46	8	65	6	137	253	55	5.62	<0.5		
X095465		1.76	2	29	<5	101	268	48	6.01	<0.5		
X095466		1.74	<1	<1	<5	75	249	46	5.45	<0.5		
X095467		1.77	3	<1	<5	94	183	57	4.91	<0.5		
X095468		1.72	2	19	<5	90	185	55	4.97	<0.5		
X095469		1.48	22	123	10	313	509	79	9.77	<0.5		
X095470		2.23	3	31	<5	129	379	67	8.90	<0.5		
X095471		2.15	<1	1	<5	106	439	79	10.80	<0.5		
X095472		2.12	2	10	<5	109	393	72	9.43	<0.5		
X095473		2.00	2	8	<5	115	373	66	8.05	<0.5		
X095474		2.15	3	9	<5	105	277	69	7.58	<0.5		
X095475		0.08	55	616	304	4470	4380	118	4.17	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			