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-JUN-2019
Account: MZI

CERTIFICATE TB19127108

Project: EMB

P.O. No.: 218459

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 26-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	JILL MAXWELL
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 TB19127108

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
A0140079		1.74	<1	1	<5	4	5	2	13.95	<0.5		
A0140080		0.07	4640	1960	1260	86	84	63	0.26	0.8		
A0140081		2.28	4	15	5	77	123	56	3.21	<0.5		
A0140082		2.89	3	13	<5	74	119	51	3.24	<0.5		
A0140083		2.26	3	13	<5	77	124	56	3.74	<0.5		
A0140084		2.56	2	15	<5	101	144	57	4.38	<0.5		
A0140085		2.64	5	21	5	128	196	73	5.69	<0.5		
A0140086		2.31	4	16	5	112	162	58	4.66	<0.5		
A0140087		2.43	4	14	<5	99	155	63	4.31	<0.5		
A0140088		2.66	4	14	<5	98	150	60	4.33	<0.5		
A0140089		2.36	4	12	5	117	131	55	3.55	<0.5		
A0140090		2.51	3	12	<5	83	122	47	2.96	<0.5		
A0140091		2.58	2	13	<5	83	127	48	3.33	<0.5		
A0140092		2.12	<1	5	<5	11	43	15	0.92	<0.5		
A0140093		2.37	3	12	<5	85	121	48	3.14	<0.5		
A0140094		2.94	3	12	5	91	132	49	3.50	<0.5		
A0140095		2.25	4	13	<5	84	129	49	3.40	<0.5		
A0140096		2.44	2	11	5	83	126	47	3.35	<0.5		
A0140097		2.39	5	13	<5	85	129	47	3.27	<0.5		
A0140098		2.40	3	14	<5	149	138	52	3.50	<0.5		
A0140099		0.07	68	606	295	4370	4310	113	3.92	2.0		
A0140100		2.32	1	14	<5	131	140	45	3.44	<0.5		
A0140101		1.35	<1	20	6	6	204	52	4.62	<0.5		
A0140102		1.65	1	9	<5	121	193	58	5.11	<0.5		
A0140103		2.16	24	2270	826	1355	4070	248	7.77	1.6		
A0140104		2.14	4	83	11	54	234	46	4.85	<0.5		
A0140105		2.80	58	265	58	56	436	65	5.42	<0.5		
A0140106		1.86	32	308	77	268	323	50	4.63	<0.5		
A0140107		2.15	56	688	82	853	596	73	4.51	<0.5		
A0140108		1.92	4	184	46	31	294	49	5.65	<0.5		
A0140109		2.04	9	132	23	143	225	52	4.29	<0.5		
A0140110		2.49	19	353	77	213	316	57	4.57	<0.5		
A0140111		2.07	4	206	60	51	223	42	4.46	<0.5		
A0140112		1.80	2	170	30	10	227	35	4.29	<0.5		
A0140113		2.15	1	127	10	4	293	40	5.63	<0.5		
A0140114		2.30	<1	107	28	4	233	34	4.44	<0.5		
A0140115		2.10	3	156	44	29	283	37	5.04	<0.5		
A0140116		2.28	2	138	33	19	269	34	4.76	<0.5		
A0140117		2.19	3	125	32	11	270	36	4.78	<0.5		
A0140118		2.31	7	111	26	43	245	37	4.40	<0.5		

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CERTIFICATE OF ANALYSIS TB19127108

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
A0140119		1.19	<1	<1	<5	1	3	<1	13.05	<0.5		
A0140120		1.88	8	134	34	65	218	34	3.98	<0.5		
A0140121		1.85	3	120	33	19	219	29	3.95	<0.5		
A0140122		2.06	5	176	46	47	243	33	4.25	<0.5		
A0140123		2.25	3	161	32	10	312	45	6.35	<0.5		
A0140124		1.93	1	105	18	7	243	32	4.74	<0.5		
A0140125		2.04	3	149	49	12	244	32	4.41	<0.5		
A0140126		2.14	2	129	38	10	291	35	5.36	<0.5		
A0140127		2.21	25	1230	297	266	351	53	4.69	<0.5		
A0140128		1.58	4	331	81	28	230	35	4.37	<0.5		
A0140129		2.22	52	5280	571	10	284	33	4.45	<0.5		
A0140130		2.05	2	97	30	2	213	30	4.70	<0.5		
A0140131		2.66	2	125	23	6	247	32	5.23	<0.5		
A0140132		1.98	22	394	59	324	438	60	5.86	<0.5		
A0140133		2.13	9	222	36	71	277	47	5.45	<0.5		
A0140134		1.93	4	167	28	20	277	41	5.34	<0.5		
A0140135		1.92	6	127	28	38	255	38	4.70	<0.5		
A0140136		2.01	3	102	23	20	264	35	4.69	<0.5		
A0140137		2.06	1	99	19	14	232	31	4.07	<0.5		
A0140138		1.90	1	115	23	16	283	36	4.85	<0.5		
A0140139		0.08	280	3470	816	>10000	>10000	929	3.84	3.9	16700	45400
A0140140		2.04	2	125	21	23	298	34	4.65	<0.5		
A0140141		2.07	3	216	23	40	257	37	4.63	<0.5		
A0140142		2.06	1	120	26	19	277	33	4.68	<0.5		
A0140143		2.00	2	108	21	20	253	32	4.40	<0.5		
A0140144		2.06	3	125	28	48	231	31	3.86	<0.5		
A0140145		2.01	2	102	16	21	261	34	4.41	<0.5		
A0140146		2.08	1	120	24	20	224	32	3.54	<0.5		
A0140147		2.06	1	154	21	16	275	35	4.92	<0.5		
A0140148		2.03	1	101	15	16	255	33	4.27	<0.5		
A0140149		2.04	1	103	19	37	248	32	4.17	<0.5		
A0140150		1.94	1	208	31	12	239	31	4.13	<0.5		
A0140151		2.08	5	206	29	67	275	40	5.05	<0.5		
A0140152		2.31	27	2010	220	85	260	37	4.47	<0.5		
A0140153		2.12	<1	95	28	3	268	38	5.37	<0.5		
A0140154		1.96	<1	88	24	1	243	33	5.08	<0.5		
A0140155		1.94	<1	146	25	7	247	33	4.29	<0.5		
A0140156		0.07	63	618	318	4450	4170	109	3.78	1.8		

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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			