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: 30-APR-2019
Account: MZI

CERTIFICATE TB19098145

Project: 18-101

P.O. No.: 182449

This report is for 43 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-APR-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 TB19098145

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
A0129092		2.24	4	12	7	186	104	38	3.72	<0.5		
A0129093		2.29	3	11	6	106	95	35	3.50	<0.5		
A0129094		2.30	2	12	6	130	120	39	3.93	<0.5		
A0129095		2.25	9	15	8	306	156	48	4.82	<0.5		
A0129096		2.23	4	15	8	108	169	45	4.62	<0.5		
A0129097		1.67	<1	<1	<5	1	2	<1	12.70	<0.5		
A0129098		2.22	6	48	14	142	188	36	3.54	<0.5		
A0129099		2.19	10	73	16	185	256	40	3.92	<0.5		
A0129100		2.31	3	44	11	98	279	38	4.03	<0.5		
A0129101		2.28	327	2460	397	1830	1940	108	9.03	1.1		
A0129102		2.17	303	1960	316	1600	1740	110	10.25	0.8		
A0129103		2.48	226	1500	251	1120	1280	104	9.87	<0.5		
A0129104		2.23	95	719	140	548	733	85	8.26	<0.5		
A0129105		2.48	23	298	49	154	419	71	6.37	<0.5		
A0129106		2.38	22	177	38	161	455	94	8.90	<0.5		
A0129107		2.26	23	162	33	158	485	80	8.20	<0.5		
A0129108		2.37	24	200	37	200	491	84	8.41	<0.5		
A0129109		2.37	32	231	41	211	459	77	7.65	<0.5		
A0129110		2.20	32	193	39	188	502	87	8.98	<0.5		
A0129111		2.30	26	226	45	154	521	89	9.01	<0.5		
A0129112		2.33	32	211	43	200	479	82	7.94	<0.5		
A0129113		2.45	37	257	49	212	498	82	7.93	<0.5		
A0129114		2.44	29	215	40	183	470	79	7.69	<0.5		
A0129115		2.28	28	222	45	181	504	81	8.35	<0.5		
A0129116		2.32	31	193	37	213	399	67	6.29	<0.5		
A0129117		0.08	305	3550	839	>10000	>10000	994	4.03	4.2	15650	44700
A0129118		2.15	30	215	40	211	467	77	7.06	<0.5		
A0129119		2.21	30	205	41	177	512	89	8.90	<0.5		
A0129120		2.34	35	310	56	234	481	75	7.10	<0.5		
A0129121		2.41	24	208	39	146	458	81	7.94	<0.5		
A0129122		1.96	14	172	33	127	385	70	6.91	<0.5		
A0129123		2.11	23	213	42	159	412	71	6.69	<0.5		
A0129124		2.08	31	227	41	173	373	63	5.65	<0.5		
A0129125		2.40	25	190	40	137	377	65	6.06	<0.5		
A0129126		2.15	17	194	37	156	421	72	6.85	<0.5		
A0129127		2.18	21	278	53	198	540	94	9.19	<0.5		
A0129128		2.13	20	244	43	178	528	95	9.33	<0.5		
A0129129		2.18	16	106	20	176	324	59	5.83	<0.5		
A0129130		2.25	3	8	<5	93	258	53	5.58	<0.5		
A0129131		2.36	7	5	<5	136	251	54	5.75	<0.5		

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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
A0129132		2.44	3	4	<5	87	251	57	5.92	<0.5		
A0129133		2.39	7	8	6	99	274	54	5.65	<0.5		
A0129134		0.07	95	600	309	4480	4460	115	3.94	2.0		

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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			