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-APR-2019
Account: MZI

CERTIFICATE TB19073689

Project: EMB

P.O. No.: 218459

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-MAR-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK JILL MAXWELL LDIM WEBTRIEVE	DENIS DECHARTE CLAIRE MCGUINNESS	GARY DESCHUTTER DAVE PECK

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 TB19073689

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
A0141093		1.87	2	1	<5	2	2	<1	13.60	<0.5		
A0141094		0.08	5750	1990	1290	89	86	62	0.27	0.8		
A0141095		1.34	6	15	<5	68	119	56	3.93	<0.5		
A0141096		2.10	2	16	5	55	134	47	3.67	<0.5		
A0141097		2.14	3	19	6	79	145	52	3.85	<0.5		
A0141098		2.20	2	16	7	70	146	51	4.09	<0.5		
A0141099		1.27	3	16	<5	57	128	45	3.45	<0.5		
A0141100		1.36	4	15	<5	70	135	48	3.53	<0.5		
A0141101		1.92	8	6	6	59	69	25	1.76	<0.5		
A0141102		1.74	3	14	<5	62	120	41	3.20	<0.5		
A0141103		2.30	3	17	<5	69	150	53	3.90	<0.5		
A0141104		2.18	4	15	6	90	139	45	4.05	<0.5		
A0141105		2.31	6	23	8	79	201	68	5.75	<0.5		
A0141106		2.30	6	27	7	86	196	68	5.49	<0.5		
A0141107		2.07	4	18	7	78	143	51	3.65	<0.5		
A0141108		2.16	3	15	7	61	140	51	3.96	<0.5		
A0141109		1.12	5	20	8	104	141	54	3.75	<0.5		
A0141110		1.75	3	15	5	58	144	52	3.83	<0.5		
A0141111		1.74	2	7	<5	46	69	23	1.34	<0.5		
A0141112		2.01	4	9	<5	55	114	42	2.87	<0.5		
A0141113		0.07	80	605	291	4560	4340	112	3.99	1.8		
A0141114		2.41	3	15	5	55	139	51	3.74	<0.5		
A0141115		2.13	4	17	6	64	148	52	3.89	<0.5		
A0141116		2.19	3	17	<5	63	149	54	3.98	<0.5		
A0141117		2.27	3	15	<5	63	133	50	3.69	<0.5		
A0141118		2.19	3	17	5	71	147	48	4.05	<0.5		
A0141119		2.20	3	14	<5	59	134	48	3.50	<0.5		
A0141120		2.31	4	17	8	63	148	55	3.94	<0.5		
A0141121		2.20	3	17	<5	60	141	51	3.72	<0.5		
A0141122		2.22	3	15	6	62	142	49	3.71	<0.5		
A0141123		2.22	3	16	<5	62	142	51	3.94	<0.5		
A0141124		2.19	3	17	<5	60	137	48	3.74	<0.5		
A0141125		2.15	4	15	6	68	146	50	3.83	<0.5		
A0141126		2.12	4	17	5	67	140	48	3.79	<0.5		
A0141127		2.11	5	17	5	70	146	52	3.82	<0.5		
A0141128		2.25	5	17	6	67	149	54	4.01	<0.5		
A0141129		2.33	4	17	<5	69	150	52	3.94	<0.5		
A0141130		2.30	4	16	<5	69	152	55	4.05	<0.5		
A0141131		2.19	4	16	<5	73	153	54	4.28	<0.5		
A0141132		2.27	4	16	6	79	144	51	3.92	<0.5		

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CERTIFICATE OF ANALYSIS TB19073689

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
A0141133		1.81	1	<1	<5	1	2	<1	13.85	<0.5		
A0141134		2.17	3	13	5	68	145	50	3.79	<0.5		
A0141135		2.06	5	14	5	98	139	50	3.78	<0.5		
A0141136		2.47	3	15	6	69	148	53	3.90	<0.5		
A0141137		2.26	4	14	6	77	147	51	3.92	<0.5		
A0141138		2.13	4	15	5	65	145	53	4.11	<0.5		
A0141139		2.22	2	14	<5	87	144	51	4.10	0.6		
A0141140		2.22	3	13	5	82	130	43	3.52	<0.5		
A0141141		2.36	4	15	<5	86	151	52	4.14	0.6		
A0141142		2.38	2	16	5	109	147	53	4.12	<0.5		
A0141143		2.29	2	15	<5	94	149	54	4.21	<0.5		
A0141144		2.49	4	14	5	85	152	55	4.31	<0.5		
A0141145		2.43	4	16	5	96	156	53	4.22	<0.5		
A0141146		2.31	3	14	5	86	144	50	3.96	<0.5		
A0141147		2.49	4	13	6	94	152	54	4.27	<0.5		
A0141148		2.34	4	12	<5	103	137	48	3.91	<0.5		
A0141149		2.23	4	13	6	106	151	54	4.25	<0.5		
A0141150		2.20	1	14	<5	87	144	50	4.01	<0.5		
A0141151		2.42	3	15	5	88	156	54	4.38	<0.5		
A0141152		2.29	3	15	<5	81	147	50	4.17	<0.5		
A0141153		0.08	261	3360	783	>10000	>10000	1025	4.11	4.7	16350	46000
A0141154		2.12	4	13	<5	58	178	54	4.60	0.6		
A0141155		2.27	3	12	<5	89	152	51	3.90	<0.5		
A0141156		2.35	5	13	5	88	153	55	4.28	<0.5		
A0141157		2.40	4	14	<5	101	164	58	4.54	0.5		
A0141158		2.35	5	15	<5	98	163	57	4.58	<0.5		
A0141159		2.43	2	14	5	94	158	56	4.39	<0.5		
A0141160		2.36	2	14	5	96	160	56	4.38	<0.5		
A0141161		2.32	3	13	<5	94	159	57	4.40	<0.5		
A0141162		2.33	2	13	5	87	148	53	4.24	<0.5		
A0141163		3.39	4	15	5	97	171	54	4.10	0.5		
A0141164		1.35	4	14	<5	118	154	57	4.44	<0.5		
A0141165		2.24	3	16	<5	105	160	56	4.27	<0.5		
A0141166		2.28	4	14	<5	92	160	56	4.40	<0.5		
A0141167		2.19	5	13	5	136	160	61	4.59	<0.5		
A0141168		2.30	4	17	6	193	163	58	4.64	<0.5		
A0141169		2.47	5	17	5	109	171	61	4.91	<0.5		
A0141170		0.07	97	588	306	4390	4290	114	3.97	2.3		

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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			