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: 27-NOV-2018
Account: MZI

CERTIFICATE TB18288632

Project: 18-101

P.O. No.: 182449

This report is for 60 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-NOV-2018.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS LDIM WEBTRIEVE	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	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 TB18288632

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
X094636		1.10	<1	<1	<5	2	1	<1	12.95	<0.5
X094637		0.08	4800	2030	1320	88	88	61	0.26	0.6
X094638		2.97	14	135	19	267	639	86	9.41	<0.5
X094639		3.58	5	70	8	175	550	78	9.37	<0.5
X094640		3.15	3	4	<5	141	526	78	9.50	<0.5
X094641		2.71	5	3	<5	247	579	83	9.76	<0.5
X094642		2.66	10	97	20	193	603	87	10.90	<0.5
X094643		1.84	3	8	<5	134	472	69	8.42	<0.5
X094644		1.45	<1	19	<5	23	64	6	0.68	<0.5
X094645		1.62	3	76	10	153	561	73	9.80	<0.5
X094646		3.01	6	83	9	146	575	84	10.50	<0.5
X094647		3.20	2	85	13	92	596	85	10.50	<0.5
X094648		3.25	5	75	10	95	605	80	10.45	<0.5
X094649		3.79	6	33	6	127	593	80	10.70	<0.5
X094650		3.11	11	79	13	159	607	75	9.84	<0.5
X094651		2.18	1	4	<5	91	566	76	10.25	<0.5
X094652		3.21	3	53	7	115	561	70	9.25	<0.5
X094653		1.86	24	387	43	393	1040	94	9.54	<0.5
X094654		2.07	20	203	21	275	742	80	9.65	<0.5
X094655		2.80	22	84	10	459	980	85	9.72	<0.5
X094656		0.08	74	610	302	4530	4310	112	3.89	2.0
X094657		2.47	11	29	5	179	634	77	10.10	<0.5
X094658		2.50	<1	<1	<5	93	575	75	10.10	<0.5
X094659		2.46	<1	4	<5	92	469	67	8.55	<0.5
X094660		2.12	<1	1	<5	116	555	74	10.00	<0.5
X094661		2.02	3	9	<5	164	465	62	7.92	<0.5
X094662		2.00	<1	32	<5	63	203	35	4.20	<0.5
X094663		2.69	<1	<1	<5	87	540	74	9.82	<0.5
X094664		3.24	4	196	18	97	535	70	8.74	<0.5
X094665		2.10	2	16	<5	107	552	74	9.85	<0.5
X094666		2.68	2	2	<5	197	640	74	9.87	<0.5
X094667		2.61	3	79	9	132	546	71	9.25	<0.5
X094668		2.47	3	71	<5	213	761	97	9.05	0.6
X094669		2.71	2	76	6	133	599	65	8.72	<0.5
X094670		2.61	<1	<1	<5	101	557	69	8.81	<0.5
X094671		2.28	1	1	<5	157	649	74	9.66	<0.5
X094672		2.67	20	376	20	498	914	80	8.19	<0.5
X094673		2.46	<1	2	<5	169	608	70	9.06	<0.5
X094674		2.95	1	9	<5	174	597	71	9.40	<0.5
X094675		2.56	4	2	<5	326	743	71	9.03	<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
X094676		1.75	<1	<1	<5	2	4	<1	13.35	<0.5
X094677		2.65	10	83	7	226	655	69	9.06	<0.5
X094678		2.77	7	35	<5	167	610	71	9.75	<0.5
X094679		2.58	<1	10	<5	109	492	66	8.81	<0.5
X094680		2.37	<1	1	<5	115	517	66	9.10	<0.5
X094681		2.61	4	61	10	171	571	67	8.90	<0.5
X094682		2.52	1	17	<5	77	495	64	8.94	<0.5
X094683		2.30	2	10	<5	63	540	63	8.81	<0.5
X094684		2.13	3	157	19	69	567	61	8.02	<0.5
X094685		2.26	1	2	<5	130	571	64	8.54	<0.5
X094686		2.24	2	1	<5	187	529	59	8.14	<0.5
X094687		2.55	6	7	<5	414	776	67	8.39	<0.5
X094688		2.27	8	5	<5	526	1000	72	8.78	<0.5
X094689		2.36	<1	31	<5	101	586	74	10.50	<0.5
X094690		1.49	<1	7	<5	116	581	77	10.65	<0.5
X094691		1.76	<1	<1	<5	116	565	79	11.10	<0.5
X094692		2.33	32	146	11	264	601	85	11.65	<0.5
X094693		1.70	76	2150	311	861	1505	100	10.00	<0.5
X094694		1.67	53	4430	157	1485	3160	193	7.62	2.5
X094695		2.16	12	8	<5	189	373	53	6.12	<0.5

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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:	
ME-ICP61	PGM-ICP23