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: 19-JUN-2019
Account: MZI

CERTIFICATE TB19139992

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 8-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
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
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 TB19139992

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
A0160617		1.07	<1	<1	<5	2	<1	1	13.40	<0.5
A0160618		0.08	4980	2000	1300	88	82	60	0.26	0.8
A0160619		2.44	2	66	5	30	192	44	3.34	<0.5
A0160620		2.43	1	80	8	45	194	45	3.54	<0.5
A0160621		1.73	1	81	9	29	174	43	3.15	<0.5
A0160622		1.91	3	148	54	48	302	50	3.62	<0.5
A0160623		2.15	6	14	6	325	275	129	3.24	<0.5
A0160624		2.04	3	12	8	253	174	81	5.62	<0.5
A0160625		2.61	1	10	5	194	169	65	5.42	<0.5
A0160626		2.61	2	8	5	305	162	76	6.01	<0.5
A0160627		2.60	2	12	6	460	305	81	6.37	<0.5
A0160628		2.76	39	131	69	797	1085	157	4.68	<0.5
A0160629		2.89	20	84	55	546	415	119	2.47	<0.5
A0160630		2.62	16	358	178	356	475	104	7.41	<0.5
A0160631		2.65	11	172	56	330	447	106	6.60	<0.5
A0160632		2.32	4	10	6	447	264	105	5.41	<0.5
A0160633		2.64	3	16	12	373	237	84	6.10	<0.5
A0160634		2.84	6	31	17	344	225	106	5.15	<0.5
A0160635		2.87	13	30	8	639	331	107	5.01	<0.5
A0160636		2.73	10	36	9	590	399	120	6.05	<0.5
A0160637		0.07	96	573	272	4150	4050	105	3.78	2.1
A0160638		2.82	10	27	5	461	214	95	4.33	<0.5
A0160639		2.71	12	25	7	462	194	91	4.54	<0.5
A0160640		2.81	5	18	8	238	147	79	4.63	<0.5
A0160641		2.70	9	54	7	288	515	110	8.02	<0.5
A0160642		2.72	6	12	<5	300	258	112	5.54	<0.5
A0160643		2.14	6	19	9	185	221	73	6.65	<0.5
A0160644		2.51	10	15	<5	472	249	110	4.19	<0.5
A0160645		2.71	9	23	5	472	352	146	4.62	<0.5
A0160646		2.89	18	179	31	527	472	100	6.00	<0.5
A0160647		2.97	16	141	25	256	293	80	6.22	<0.5
A0160648		2.02	63	472	78	849	746	116	8.34	<0.5
A0160649		2.31	67	644	91	623	489	73	4.90	<0.5
A0160650		2.68	79	688	82	890	539	72	3.86	<0.5
A0160651		2.43	105	1480	128	1085	833	74	4.04	0.7
A0160652		2.46	145	1980	198	1325	843	83	4.80	0.6
A0160653		2.38	131	1080	109	1360	963	90	4.74	0.6
A0160654		2.47	118	1570	130	1355	759	60	3.01	0.8
A0160655		2.36	134	2580	199	1535	913	65	3.17	0.5
A0160656		2.54	109	1760	155	1080	809	67	3.53	0.6

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CERTIFICATE OF ANALYSIS TB19139992

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
A0160657		1.23	1	3	<5	4	1	1	13.55	<0.5
A0160658		2.47	56	949	68	605	462	59	3.80	<0.5
A0160659		2.29	42	393	38	471	381	59	3.84	<0.5
A0160660		2.49	22	229	26	210	273	48	3.92	<0.5
A0160661		2.29	9	84	14	90	217	42	3.73	<0.5
A0160662		2.36	13	137	18	120	244	45	4.05	<0.5
A0160663		2.19	25	232	30	264	281	44	3.90	<0.5
A0160664		2.15	86	1100	125	780	572	56	3.54	<0.5
A0160665		1.80	94	1560	173	933	769	65	3.43	0.5
A0160666		1.96	165	2430	230	1855	1085	86	3.77	0.8
A0160667		0.92	28	136	25	520	455	69	4.92	0.7
A0160668		2.46	6	8	<5	324	126	36	2.41	<0.5
A0160669		2.28	30	77	14	651	283	57	3.18	<0.5
A0160670		2.08	41	175	25	653	483	69	4.54	<0.5
A0160671		2.20	12	82	14	229	287	58	4.64	<0.5
A0160672		2.15	4	120	19	91	215	54	4.63	<0.5
A0160673		2.25	11	157	28	140	248	54	4.14	<0.5
A0160674		1.73	5	94	15	75	202	52	4.30	<0.5
A0160675		2.34	27	182	43	286	340	61	4.52	<0.5
A0160676		2.11	14	101	35	136	253	57	4.88	<0.5
A0160677		0.07	68	597	316	4340	4240	109	3.97	2.1
A0160678		2.18	12	79	18	133	223	55	4.11	<0.5
A0160679		2.21	9	105	13	158	278	63	5.18	<0.5
A0160680		2.19	5	98	16	190	285	58	4.85	<0.5
A0160681		2.20	4	13	<5	107	212	44	3.93	<0.5
A0160682		2.28	4	9	<5	127	219	44	4.06	<0.5
A0160683		2.22	5	10	<5	136	267	49	4.25	<0.5
A0160684		2.22	7	77	9	159	270	48	3.94	<0.5
A0160685		2.25	10	63	10	212	230	43	3.82	<0.5
A0160686		2.28	12	83	10	197	253	41	3.79	<0.5
A0160687		2.13	18	73	7	289	319	53	4.78	<0.5
A0160688		2.28	16	68	11	266	343	56	4.83	<0.5
A0160689		2.16	14	106	20	170	295	56	4.63	<0.5
A0160690		1.98	7	104	16	102	285	58	4.60	<0.5
A0160691		2.16	44	526	59	411	506	64	5.14	<0.5
A0160692		2.24	24	253	30	223	404	57	4.99	<0.5
A0160693		2.26	24	175	20	240	393	57	4.80	<0.5
A0160694		0.07	77	613	322	4430	4300	113	4.04	1.9

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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