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: 4-SEP-2019
Account: MZI

CERTIFICATE TB19203130

Project: 18-101

P.O. No.: 182449

This report is for 58 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 15-AUG-2019.

The following have access to data associated with this certificate:

MATT BODNAR DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES 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
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 TB19203130

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
AD19-100157		1.94	<1	1	<5	2	<1	1	13.20	<0.5
AD19-100158		0.07	4830	2030	1300	83	81	60	0.25	0.9
AD19-100159		2.83	13	496	90	243	318	28	2.33	<0.5
AD19-100160		2.85	12	206	72	152	171	23	2.20	<0.5
AD19-100161		2.80	7	112	59	137	200	25	2.40	<0.5
AD19-100162		2.75	12	277	66	341	251	26	2.33	<0.5
AD19-100163		2.55	3	119	66	54	221	25	2.84	<0.5
AD19-100164		3.56	8	802	152	78	353	32	3.12	<0.5
AD19-100165		2.26	33	1830	303	204	688	47	4.53	<0.5
AD19-100166		2.97	53	1020	131	294	690	59	5.97	<0.5
AD19-100167		2.69	38	744	126	188	657	78	10.05	<0.5
AD19-100168		3.05	13	387	78	77	627	78	10.90	<0.5
AD19-100169		2.36	17	498	73	91	597	74	10.20	<0.5
AD19-100170		2.91	16	480	96	105	666	84	11.75	<0.5
AD19-100171		3.21	59	695	60	472	591	65	5.20	<0.5
AD19-100172		2.85	42	304	44	235	295	33	3.31	<0.5
AD19-100173		2.75	93	679	69	698	568	57	6.05	0.6
AD19-100174		2.83	15	700	124	146	530	65	8.23	<0.5
AD19-100175		2.71	303	799	126	529	393	31	2.93	<0.5
AD19-100176		2.59	18	402	82	217	279	27	2.69	<0.5
AD19-100177		0.07	65	613	281	4250	4130	112	3.76	2.0
AD19-100178		2.88	22	167	58	254	185	23	2.14	<0.5
AD19-100179		2.74	27	581	106	262	302	26	2.33	<0.5
AD19-100180		2.79	47	1080	202	479	444	33	2.77	<0.5
AD19-100181		2.66	38	878	229	273	429	41	3.93	<0.5
AD19-100182		2.90	77	833	163	283	439	57	5.78	<0.5
AD19-100183		2.25	36	744	95	169	594	76	9.84	<0.5
AD19-100184		2.37	23	672	95	104	685	80	11.75	<0.5
AD19-100185		2.33	13	389	91	81	611	75	10.70	<0.5
AD19-100186		2.36	28	530	83	125	620	75	10.75	<0.5
AD19-100187		1.91	62	632	87	231	610	71	9.96	<0.5
AD19-100188		2.50	10	469	54	88	594	75	10.45	<0.5
AD19-100189		2.26	8	275	45	89	518	67	8.87	<0.5
AD19-100190		1.88	7	262	47	88	538	71	9.57	<0.5
AD19-100191		2.38	8	297	58	95	529	69	9.12	<0.5
AD19-100192		2.36	8	301	65	98	528	69	9.09	<0.5
AD19-100193		2.01	8	350	69	92	503	67	8.94	<0.5
AD19-100194		2.62	19	323	74	122	526	71	9.13	<0.5
AD19-100195		2.21	64	538	58	325	545	66	7.80	<0.5
AD19-100196		2.23	14	335	75	120	497	72	8.44	<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
AD19-100197		1.54	<1	2	<5	2	4	2	13.25	<0.5
AD19-100198		2.14	21	362	72	171	541	69	9.25	<0.5
AD19-100199		2.23	9	352	93	86	542	69	9.41	<0.5
AD19-100200		2.42	7	387	90	84	556	73	9.79	<0.5
AD19-100201		2.46	5	362	73	93	570	71	10.15	<0.5
AD19-100202		2.25	6	379	72	81	565	71	9.86	<0.5
AD19-100203		2.27	5	324	77	63	527	67	9.11	<0.5
AD19-100204		2.22	11	352	83	50	507	64	8.66	<0.5
AD19-100205		2.29	4	355	95	47	497	63	8.52	<0.5
AD19-100206		1.75	4	404	98	48	549	69	9.38	<0.5
AD19-100207		1.75	4	419	108	24	508	64	8.73	<0.5
AD19-100208		1.72	11	420	101	69	332	34	4.07	<0.5
AD19-100209		1.93	6	277	78	90	378	42	4.80	<0.5
AD19-100210		1.39	9	146	25	107	243	44	5.77	<0.5
AD19-100211		1.34	1	3	<5	123	90	33	5.18	<0.5
AD19-100212		1.54	26	1	<5	52	12	12	0.88	<0.5
AD19-100213		1.72	<1	1	<5	26	6	10	0.59	<0.5
AD19-100214		3.56	<1	1	<5	9	6	7	0.54	<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