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: 1-FEB-2019
Account: MZI

CERTIFICATE TB19015516

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 21-JAN-2019.

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
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 TB19015516

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
X095164		2.09	<1	<1	<5	2	1	<1	13.10	<0.5		
X095165		0.08	4730	2020	1310	88	86	63	0.27	0.9		
X095166		1.92	197	<1	<5	203	22	23	1.23	<0.5		
X095167		2.45	5	83	11	129	236	42	4.40	<0.5		
X095168		2.14	10	286	25	214	348	49	4.98	<0.5		
X095169		2.08	1	4	<5	83	225	37	4.30	<0.5		
X095170		2.13	<1	2	<5	71	256	46	5.33	<0.5		
X095171		2.17	49	1650	209	912	867	83	4.92	<0.5		
X095172		2.26	13	574	100	236	478	59	5.57	<0.5		
X095173		2.28	8	63	<5	143	256	47	5.01	<0.5		
X095174		2.09	2	12	<5	87	237	45	5.04	<0.5		
X095175		2.20	2	1	<5	94	214	40	4.46	<0.5		
X095176		2.25	9	6	<5	213	360	63	6.40	<0.5		
X095177		2.20	6	120	18	120	314	53	5.74	<0.5		
X095178		2.13	6	73	8	109	282	48	5.44	<0.5		
X095179		2.19	3	4	<5	82	326	50	6.02	<0.5		
X095180		2.26	22	5	<5	369	497	58	6.18	<0.5		
X095181		2.11	5	5	<5	149	450	51	5.61	<0.5		
X095182		1.49	1	2	<5	83	245	48	5.62	<0.5		
X095183		1.89	1	6	<5	111	292	54	6.40	<0.5		
X095184		0.07	68	615	325	4630	4460	117	4.11	1.7		
X095185		2.74	<1	1	<5	63	142	52	4.14	<0.5		
X095186		2.76	<1	<1	<5	69	85	47	3.22	<0.5		
X095187		2.72	<1	<1	<5	66	101	44	3.35	<0.5		
X095188		2.92	1	7	<5	106	111	47	3.30	<0.5		
X095189		2.91	1	7	<5	64	189	38	4.35	<0.5		
X095190		3.07	<1	10	<5	80	221	43	5.14	<0.5		
X095191		2.61	3	3	<5	76	218	40	4.68	<0.5		
X095192		2.58	1	16	<5	81	269	47	5.88	<0.5		
X095193		2.70	1	5	<5	81	261	48	5.99	<0.5		
X095194		2.47	2	103	13	82	305	54	6.38	<0.5		
X095195		2.56	<1	1	<5	71	262	47	6.00	<0.5		
X095196		2.70	<1	1	<5	83	265	50	6.10	<0.5		
X095197		2.69	<1	1	<5	45	269	48	5.95	<0.5		
X095198		2.42	<1	1	<5	62	271	47	6.20	<0.5		
X095199		2.47	2	<1	<5	76	275	49	6.26	<0.5		
X095200		2.62	1	1	<5	74	272	48	5.95	<0.5		
X095201		2.45	1	2	<5	79	251	50	5.66	<0.5		
X095202		2.47	<1	1	<5	60	216	39	4.99	<0.5		
X095203		2.53	1	2	<5	67	218	43	5.28	<0.5		

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CERTIFICATE OF ANALYSIS TB19015516

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
X095204		1.83	<1	1	<5	1	1	<1	13.60	<0.5		
X095205		2.66	<1	1	<5	54	296	55	6.78	<0.5		
X095206		2.59	<1	1	<5	58	241	45	5.62	<0.5		
X095207		2.61	<1	2	<5	89	209	41	4.66	<0.5		
X095208		2.49	3	2	<5	63	199	41	4.71	<0.5		
X095209		2.69	<1	4	<5	99	241	50	5.37	<0.5		
X095210		2.53	4	<1	<5	61	80	33	2.51	<0.5		
X095211		2.62	1	33	<5	78	193	39	4.16	<0.5		
X095212		2.66	<1	1	<5	59	185	39	4.00	<0.5		
X095213		2.46	<1	<1	<5	69	178	37	4.17	<0.5		
X095214		2.58	<1	<1	<5	78	178	38	4.05	<0.5		
X095215		2.97	<1	4	<5	77	187	36	3.91	0.5		
X095216		3.02	<1	2	<5	74	226	44	4.91	<0.5		
X095217		3.30	2	2	<5	118	36	38	1.56	<0.5		
X095218		3.15	1	34	5	108	189	39	3.82	<0.5		
X095219		3.10	4	131	21	184	350	60	5.26	<0.5		
X095220		2.59	1	74	16	89	194	38	3.94	<0.5		
X095221		2.57	<1	1	<5	69	170	38	3.96	<0.5		
X095222		2.58	3	70	6	90	158	33	3.22	<0.5		
X095223		2.63	11	243	24	192	254	45	4.01	<0.5		
X095224		0.08	271	3360	772	>10000	>10000	989	4.11	4.2	15700	44800
X095225		2.74	7	80	10	113	244	42	4.15	<0.5		
X095226		2.79	4	1	<5	74	190	42	4.52	<0.5		
X095227		2.56	13	203	23	117	257	51	5.18	<0.5		
X095228		2.79	80	246	34	167	286	58	5.59	<0.5		
X095229		2.64	11	126	25	98	200	40	4.33	<0.5		
X095230		2.55	1	2	<5	48	199	41	4.40	<0.5		
X095231		2.69	4	<1	<5	39	194	40	4.71	<0.5		
X095232		2.51	2	<1	<5	40	200	40	4.40	<0.5		
X095233		2.51	<1	<1	<5	41	196	38	4.33	<0.5		
X095234		2.51	<1	<1	<5	15	205	34	4.42	<0.5		
X095235		2.72	<1	<1	<5	34	194	38	4.49	<0.5		
X095236		2.61	1	<1	<5	45	194	38	4.51	<0.5		
X095237		2.54	1	<1	<5	51	194	41	4.55	<0.5		
X095238		2.45	2	<1	<5	55	207	42	4.64	<0.5		
X095239		2.65	8	3	<5	188	273	46	4.58	<0.5		
X095240		2.65	2	<1	<5	56	189	37	4.42	<0.5		
X095241		0.08	74	613	297	4670	4480	117	4.06	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			