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-JUL-2019
Account: MZI

CERTIFICATE TB19152565

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 23-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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
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 TB19152565

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
A0152799		1.81	2	<1	<5	2	2	2	13.85	<0.5		
A0152800		0.07	4630	2030	1300	88	86	62	0.25	0.6		
A0152801		2.37	20	64	30	838	255	75	6.16	0.5		
A0152802		2.40	47	82	91	713	116	69	5.21	<0.5		
A0152803		2.61	4	4	<5	51	76	61	3.39	<0.5		
A0152804		1.61	5	4	<5	70	68	56	3.30	<0.5		
A0152805		1.36	<1	2	<5	10	66	30	2.28	<0.5		
A0152806		1.96	1	9	<5	13	279	54	5.66	<0.5		
A0152807		2.37	1	6	<5	5	277	53	5.42	<0.5		
A0152808		2.50	<1	6	<5	4	265	54	5.47	<0.5		
A0152809		2.48	<1	8	<5	3	236	53	5.29	<0.5		
A0152810		2.64	<1	9	<5	2	228	52	5.10	<0.5		
A0152811		2.58	<1	46	<5	3	204	49	4.73	<0.5		
A0152812		2.51	<1	26	<5	2	192	52	4.97	<0.5		
A0152813		2.53	1	20	<5	6	249	62	6.08	<0.5		
A0152814		2.44	1	13	<5	5	220	61	6.00	<0.5		
A0152815		2.45	11	11	<5	6	202	57	5.68	<0.5		
A0152816		2.45	1	4	<5	9	215	61	6.02	<0.5		
A0152817		2.36	1	4	<5	9	196	61	5.84	<0.5		
A0152818		2.50	1	5	<5	9	185	61	5.74	<0.5		
A0152819		0.07	53	463	212	4520	4390	113	4.01	1.9		
A0152820		2.52	2	4	<5	7	167	58	5.40	<0.5		
A0152821		2.51	1	3	<5	19	86	40	2.82	<0.5		
A0152822		1.74	2	3	<5	47	156	66	4.85	<0.5		
A0152823		1.97	<1	5	<5	6	207	58	5.43	<0.5		
A0152824		1.45	<1	<1	<5	11	155	45	3.77	<0.5		
A0152825		2.41	<1	1	<5	8	284	67	4.19	<0.5		
A0152826		2.65	<1	3	<5	7	305	73	4.23	<0.5		
A0152827		2.62	<1	3	<5	7	289	72	4.07	<0.5		
A0152828		2.41	1	5	5	14	269	74	4.35	<0.5		
A0152829		2.52	2	13	<5	14	316	72	4.01	<0.5		
A0152830		2.49	2	11	<5	8	345	73	4.41	<0.5		
A0152831		2.81	3	3	5	33	276	65	4.20	<0.5		
A0152832		1.96	5	45	7	71	291	64	4.34	<0.5		
A0152833		2.48	<1	2	<5	14	214	50	4.06	<0.5		
A0152834		2.26	1	1	<5	12	180	49	4.34	<0.5		
A0152835		2.35	<1	1	<5	10	175	46	4.07	<0.5		
A0152836		2.37	2	12	<5	18	208	51	4.45	<0.5		
A0152837		2.27	<1	4	<5	33	193	70	4.29	<0.5		
A0152838		2.52	<1	4	<5	9	212	50	4.46	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19152565

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
A0152839		1.66	<1	1	<5	1	1	<1	13.35	<0.5		
A0152840		2.53	1	7	<5	12	227	49	4.13	<0.5		
A0152841		2.54	<1	23	7	17	226	49	4.39	<0.5		
A0152842		2.38	1	33	11	13	272	56	5.17	<0.5		
A0152843		2.40	1	8	5	20	246	55	4.70	<0.5		
A0152844		2.26	<1	7	5	23	201	44	3.54	<0.5		
A0152845		2.42	1	9	<5	18	207	46	3.69	<0.5		
A0152846		2.51	2	8	<5	22	232	49	4.19	<0.5		
A0152847		2.39	4	34	<5	32	248	53	4.53	<0.5		
A0152848		2.43	2	75	9	45	233	44	4.16	<0.5		
A0152849		2.48	8	117	20	46	243	50	4.76	<0.5		
A0152850		2.59	6	105	19	35	392	62	7.49	<0.5		
A0152851		2.46	13	341	60	38	323	64	6.53	<0.5		
A0152852		2.50	5	161	24	52	216	57	4.78	<0.5		
A0152853		2.32	2	11	6	13	169	49	3.45	<0.5		
A0152854		2.35	4	14	5	20	333	49	6.09	<0.5		
A0152855		2.50	12	17	6	42	269	57	5.65	<0.5		
A0152856		2.38	9	66	8	28	244	54	5.15	<0.5		
A0152857		2.32	4	408	59	36	265	61	6.00	<0.5		
A0152858		2.47	6	51	14	45	211	57	4.98	<0.5		
A0152859		0.08	244	3440	794	>10000	>10000	988	4.02	4.0	16500	47700
A0152860		2.32	6	25	<5	42	290	63	5.70	<0.5		
A0152861		2.35	35	654	106	135	402	80	7.42	<0.5		
A0152862		2.55	104	1390	196	362	490	76	6.62	<0.5		
A0152863		2.36	15	129	26	95	243	55	4.71	<0.5		
A0152864		2.51	72	1010	145	350	453	67	5.46	<0.5		
A0152865		2.47	36	320	75	168	320	55	4.60	<0.5		
A0152866		2.51	43	359	61	205	368	70	5.92	<0.5		
A0152867		2.59	19	318	52	77	248	59	5.40	<0.5		
A0152868		2.41	45	756	90	268	392	70	5.63	<0.5		
A0152869		2.48	11	145	46	84	224	54	4.54	<0.5		
A0152870		2.50	4	152	51	67	208	53	4.49	<0.5		
A0152871		2.59	6	89	49	67	216	53	4.50	<0.5		
A0152872		2.49	15	211	52	153	298	58	4.78	<0.5		
A0152873		2.36	12	258	36	105	275	59	5.57	<0.5		
A0152874		1.51	6	152	45	77	218	49	4.39	<0.5		
A0152875		2.60	2	133	6	69	43	11	0.69	<0.5		
A0152876		0.07	73	608	327	4270	4210	107	3.89	2.1		

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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			