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: 20-JUN-2019
Account: MZI

CERTIFICATE TB19140109

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 9-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 TB19140109

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
A0162177		1.09	1	<1	<5	1	2	<1	13.90	<0.5		
A0162178		0.08	4620	1960	1280	88	88	66	0.26	0.9		
A0162179		2.47	5	22	11	65	226	57	5.25	<0.5		
A0162180		3.04	32	38	32	341	399	68	6.52	<0.5		
A0162181		2.70	35	33	19	150	333	65	6.51	<0.5		
A0162182		2.56	39	91	31	300	341	57	5.26	<0.5		
A0162183		2.43	3	79	18	32	239	40	4.46	<0.5		
A0162184		2.72	11	72	20	107	216	43	4.14	<0.5		
A0162185		2.61	2	23	7	43	169	34	3.22	<0.5		
A0162186		2.17	2	34	7	29	193	39	3.81	<0.5		
A0162187		3.11	20	1080	106	100	276	47	5.13	<0.5		
A0162188		2.51	56	404	42	380	370	56	5.20	<0.5		
A0162189		1.66	26	446	47	173	285	53	4.98	<0.5		
A0162190		0.99	23	55	5	153	247	47	4.43	<0.5		
A0162191		2.82	22	130	11	133	267	50	4.83	<0.5		
A0162192		2.55	18	107	8	109	282	52	5.20	<0.5		
A0162193		2.64	18	170	15	112	281	52	5.38	<0.5		
A0162194		2.48	13	77	8	115	280	53	5.28	<0.5		
A0162195		2.77	10	65	11	100	301	57	5.70	<0.5		
A0162196		2.94	7	70	10	123	299	57	5.63	<0.5		
A0162197		0.07	87	591	290	4660	4520	120	4.06	1.4		
A0162198		2.50	6	83	11	127	275	51	5.10	<0.5		
A0162199		2.69	8	101	22	98	270	51	5.26	<0.5		
A0162200		2.64	12	97	19	131	282	53	5.35	<0.5		
A0162201		2.62	11	108	19	109	276	52	5.24	<0.5		
A0162202		2.57	5	128	35	54	250	47	4.85	<0.5		
A0162203		2.31	2	7	<5	34	217	42	4.47	<0.5		
A0162204		2.37	3	9	<5	42	218	43	4.33	<0.5		
A0162205		2.28	6	48	<5	65	278	54	5.32	<0.5		
A0162206		2.34	28	44	6	180	294	49	4.73	<0.5		
A0162207		2.40	5	12	<5	64	215	47	4.39	<0.5		
A0162208		2.25	10	16	5	109	302	59	5.83	<0.5		
A0162209		2.53	5	23	<5	66	260	53	5.05	<0.5		
A0162210		2.41	5	10	<5	70	265	57	5.16	<0.5		
A0162211		2.55	7	28	5	64	298	62	5.82	<0.5		
A0162212		2.42	22	57	12	153	341	58	5.58	<0.5		
A0162213		2.44	22	97	14	150	304	54	5.04	<0.5		
A0162214		2.56	11	98	18	82	267	51	4.84	<0.5		
A0162215		2.32	12	51	<5	108	228	42	4.23	<0.5		
A0162216		2.33	15	78	9	115	271	46	4.43	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 20-JUN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19140109

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
A0162217		1.48	<1	<1	<5	1	1	<1	13.70	<0.5		
A0162218		2.78	78	341	48	175	356	63	5.81	<0.5		
A0162219		2.22	35	586	71	222	240	40	3.51	<0.5		
A0162220		2.28	21	967	67	66	178	29	2.55	<0.5		
A0162221		1.95	19	280	36	107	189	25	2.05	<0.5		
A0162222		2.48	140	563	69	1225	949	70	4.71	<0.5		
A0162223		2.28	119	460	51	1065	801	65	4.70	<0.5		
A0162224		2.25	142	650	71	2350	1585	83	4.87	1.0		
A0162225		2.25	198	963	99	1845	1360	75	4.52	0.7		
A0162226		2.66	32	285	32	330	688	100	9.53	<0.5		
A0162227		2.30	39	332	36	509	746	100	9.55	<0.5		
A0162228		2.45	57	338	38	760	854	106	9.63	<0.5		
A0162229		2.40	172	1500	151	2610	1640	107	6.67	1.1		
A0162230		2.47	196	940	117	1795	1195	81	5.08	0.8		
A0162231		2.35	68	381	54	680	556	48	4.02	<0.5		
A0162232		2.39	<1	87	19	22	239	38	4.05	<0.5		
A0162233		2.20	3	254	37	34	214	35	3.21	<0.5		
A0162234		2.39	2	66	8	27	225	39	4.00	<0.5		
A0162235		2.19	4	96	17	46	228	38	4.19	<0.5		
A0162236		2.37	2	105	14	19	223	40	4.20	<0.5		
A0162237		0.08	218	3230	751	>10000	>10000	974	4.01	4.2	16600	47000
A0162238		2.33	6	85	25	54	275	39	4.36	<0.5		
A0162239		2.45	15	277	51	94	308	44	4.53	<0.5		
A0162240		1.86	33	356	45	281	411	51	4.26	<0.5		
A0162241		1.72	71	475	94	506	388	50	3.94	<0.5		
A0162242		2.07	198	2400	346	1540	1030	70	2.74	0.7		
A0162243		1.82	146	1990	346	1665	736	35	0.19	1.0		
A0162244		2.10	166	598	88	2870	1720	89	4.09	1.4		
A0162245		2.36	99	415	61	1955	1110	84	4.53	1.1		
A0162246		2.53	104	392	57	2100	1270	85	4.29	1.1		
A0162247		2.50	67	295	37	1345	862	71	4.52	0.7		
A0162248		2.32	62	308	46	1105	817	69	4.49	0.6		
A0162249		2.38	83	352	40	845	638	62	4.16	<0.5		
A0162250		2.49	65	271	18	507	518	59	4.33	<0.5		
A0162251		2.40	53	257	23	586	577	64	4.59	<0.5		
A0162252		2.59	33	262	39	249	356	54	4.19	<0.5		
A0162253		2.07	12	109	55	84	281	53	4.64	<0.5		
A0162254		0.07	99	611	322	4500	4400	117	3.98	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			