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: 18-MAY-2019
Account: MZI

CERTIFICATE TB19107717

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 5-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
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
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 TB19107717

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
A0147965		2.00	1	1	<5	2	4	1	12.75	<0.5		
A0147966		0.08	4950	2050	1330	88	82	61	0.25	0.6		
A0147967		2.27	73	1080	79	1140	1190	115	4.69	0.6		
A0147968		2.13	1	58	10	96	326	44	4.59	<0.5		
A0147969		2.18	4	208	21	190	345	48	5.08	<0.5		
A0147970		2.23	2	9	<5	146	210	40	3.85	<0.5		
A0147971		2.11	3	46	5	271	290	49	4.69	<0.5		
A0147972		2.15	6	30	5	272	384	59	5.69	<0.5		
A0147973		2.21	6	146	12	345	330	55	5.21	<0.5		
A0147974		2.26	5	223	23	188	355	61	6.26	<0.5		
A0147975		2.23	7	60	<5	381	462	63	5.89	<0.5		
A0147976		2.11	6	85	9	359	406	54	5.17	<0.5		
A0147977		2.30	13	242	17	142	332	45	4.46	<0.5		
A0147978		2.23	4	22	<5	98	296	44	5.15	<0.5		
A0147979		2.18	3	56	19	156	387	49	5.30	<0.5		
A0147980		2.25	3	62	<5	115	383	75	8.88	<0.5		
A0147981		2.22	4	10	<5	196	399	63	7.08	<0.5		
A0147982		2.18	6	12	<5	195	350	57	5.83	<0.5		
A0147983		2.28	8	121	16	288	355	53	5.01	<0.5		
A0147984		2.18	7	101	11	265	375	50	4.80	<0.5		
A0147985		0.07	77	603	311	4360	4190	113	3.82	2.2		
A0147986		2.21	14	40	<5	366	405	59	5.07	<0.5		
A0147987		2.24	6	45	10	141	292	52	4.92	<0.5		
A0147988		2.12	11	138	13	157	338	57	6.03	<0.5		
A0147989		2.19	1	30	6	65	310	51	5.78	<0.5		
A0147990		2.19	2	4	<5	123	311	55	6.05	<0.5		
A0147991		2.33	<1	10	<5	38	252	46	5.13	<0.5		
A0147992		2.20	3	156	41	163	293	53	4.39	<0.5		
A0147993		2.24	10	215	21	161	301	55	4.91	<0.5		
A0147994		1.45	17	241	37	201	424	52	5.72	<0.5		
A0147995		2.88	7	172	10	130	350	61	6.28	<0.5		
A0147996		2.34	9	73	7	269	386	69	5.71	<0.5		
A0147997		2.35	10	75	12	236	522	82	8.25	<0.5		
A0147998		2.26	15	10	<5	295	504	68	6.65	<0.5		
A0147999		2.25	4	59	6	178	327	55	5.67	<0.5		
A0148000		2.19	3	21	5	133	286	51	5.71	<0.5		
A0148001		2.39	29	451	26	185	337	52	5.61	<0.5		
A0148002		2.24	3	29	<5	123	260	52	5.48	<0.5		
A0148003		2.35	11	26	<5	180	329	59	5.98	<0.5		
A0148004		2.42	6	49	5	150	283	54	5.81	<0.5		

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Finalized Date: 18-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19107717

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
A0148005		1.41	<1	<1	<5	2	3	1	13.05	<0.5		
A0148006		2.52	8	141	25	160	297	56	5.76	<0.5		
A0148007		2.53	3	51	5	122	226	50	5.09	<0.5		
A0148008		2.38	6	54	5	116	220	46	4.67	<0.5		
A0148009		2.44	1	8	<5	108	267	49	5.54	<0.5		
A0148010		2.48	5	73	7	104	268	50	5.70	<0.5		
A0148011		2.56	34	285	29	355	456	70	6.76	<0.5		
A0148012		2.41	17	163	15	215	319	53	5.36	<0.5		
A0148013		2.47	26	21	5	243	368	50	4.99	<0.5		
A0148014		2.52	12	174	15	184	266	54	5.55	<0.5		
A0148015		2.58	25	187	15	385	440	69	5.98	<0.5		
A0148016		2.50	25	340	35	570	749	82	5.79	<0.5		
A0148017		2.34	19	210	22	233	300	53	4.64	<0.5		
A0148018		2.25	23	187	46	275	344	58	4.80	<0.5		
A0148019		2.19	17	391	49	201	317	51	5.05	<0.5		
A0148020		2.61	6	22	<5	179	301	58	6.12	<0.5		
A0148021		2.57	33	529	43	313	454	66	6.30	<0.5		
A0148022		2.36	14	126	30	183	294	48	5.32	<0.5		
A0148023		2.33	21	143	13	300	323	53	5.24	<0.5		
A0148024		2.36	10	139	14	206	301	56	5.26	<0.5		
A0148025		0.08	272	3490	782	>10000	>10000	940	3.87	3.9	16700	46500
A0148026		2.47	8	114	8	139	322	46	4.75	<0.5		
A0148027		2.38	11	151	14	152	261	45	4.86	<0.5		
A0148028		2.51	6	38	<5	119	221	45	4.85	<0.5		
A0148029		2.60	14	75	8	255	336	63	5.69	<0.5		
A0148030		2.39	19	380	40	206	307	50	4.76	<0.5		
A0148031		2.39	7	48	9	107	234	43	4.73	<0.5		
A0148032		2.34	4	31	<5	82	249	43	5.01	<0.5		
A0148033		2.51	4	33	<5	66	239	43	5.18	<0.5		
A0148034		2.44	4	70	8	97	279	47	5.58	<0.5		
A0148035		2.40	6	191	14	126	334	53	5.95	<0.5		
A0148036		2.38	3	77	5	57	245	44	5.18	<0.5		
A0148037		2.05	17	331	29	206	439	57	6.35	<0.5		
A0148038		2.11	11	201	23	205	443	58	6.88	<0.5		
A0148039		2.94	25	20	<5	716	73	35	2.02	1.5		
A0148040		2.81	39	97	11	283	371	59	5.06	<0.5		
A0148041		2.32	6	7	<5	377	379	73	5.72	<0.5		
A0148042		0.07	62	610	295	4380	4290	116	3.90	1.7		

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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			