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: 13-APR-2019
Account: MZI

CERTIFICATE TB19077096

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 31-MAR-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 TB19077096

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
A0127965		1.49	<1	<1	<5	2	<1	<1	13.40	<0.5		
A0127966		0.07	4730	2090	1365	86	83	63	0.26	0.8		
A0127967		2.28	60	394	73	696	539	75	5.21	<0.5		
A0127968		2.14	98	482	85	724	607	79	5.95	<0.5		
A0127969		2.36	40	159	44	349	387	73	6.16	<0.5		
A0127970		2.29	14	159	36	94	205	53	4.85	<0.5		
A0127971		2.53	3	36	8	44	159	44	4.00	<0.5		
A0127972		2.18	2	41	5	34	129	35	2.92	<0.5		
A0127973		2.22	1	49	<5	27	128	33	2.81	<0.5		
A0127974		2.39	6	156	19	87	160	51	3.92	<0.5		
A0127975		2.32	3	164	22	53	189	53	4.74	<0.5		
A0127976		2.25	9	95	12	48	193	48	4.16	<0.5		
A0127977		2.17	79	1510	154	231	428	79	6.38	<0.5		
A0127978		2.24	9	254	33	49	226	46	4.45	<0.5		
A0127979		2.16	106	3340	223	482	531	61	4.02	<0.5		
A0127980		2.42	103	1620	148	264	406	63	5.33	<0.5		
A0127981		2.23	32	464	55	119	321	60	4.86	<0.5		
A0127982		2.22	56	489	59	152	353	61	5.42	<0.5		
A0127983		2.42	38	203	48	116	320	58	4.88	<0.5		
A0127984		2.11	42	901	120	527	389	92	5.50	<0.5		
A0127985		0.07	82	645	312	4610	4380	116	4.05	1.8		
A0127986		2.70	3	127	13	57	207	43	3.54	<0.5		
A0127987		2.35	75	2250	210	270	430	48	3.93	<0.5		
A0127988		2.22	219	7250	567	1040	1000	68	4.18	<0.5		
A0127989		2.13	271	3750	299	1530	1060	61	3.58	0.6		
A0127990		2.24	179	3320	313	724	868	60	4.16	<0.5		
A0127991		2.23	118	3100	309	507	702	47	3.25	<0.5		
A0127992		2.25	130	1300	140	626	665	48	3.81	<0.5		
A0127993		2.20	65	915	98	350	410	56	5.13	<0.5		
A0127994		2.12	219	2910	331	902	857	86	7.49	<0.5		
A0127995		2.18	234	3690	409	1120	1205	79	6.26	<0.5		
A0127996		2.42	452	5330	641	1770	1600	83	5.09	<0.5		
A0127997		2.29	73	811	91	337	350	56	4.60	<0.5		
A0127998		2.21	94	1600	217	354	519	66	5.28	<0.5		
A0127999		2.23	22	534	62	127	422	49	4.23	<0.5		
A0128000		2.23	34	531	60	168	335	43	3.55	<0.5		
A0128001		2.31	265	2660	261	969	774	56	3.71	<0.5		
A0128002		2.16	254	2680	264	983	861	63	4.16	<0.5		
A0128003		2.30	135	1500	148	484	551	49	3.48	<0.5		
A0128004		2.16	104	862	88	594	477	55	4.24	<0.5		

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Finalized Date: 13-APR-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19077096

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
A0128005		2.28	<1	2	<5	2	2	<1	13.45	<0.5		
A0128006		2.37	16	255	25	106	230	36	3.07	<0.5		
A0128007		2.03	7	121	18	82	155	35	2.99	<0.5		
A0128008		2.27	1	90	18	19	137	27	2.24	<0.5		
A0128009		2.01	<1	105	17	23	132	27	2.09	<0.5		
A0128010		2.23	<1	88	25	26	127	25	2.00	<0.5		
A0128011		2.06	<1	97	16	15	133	26	2.09	<0.5		
A0128012		2.34	1	96	15	25	136	28	2.18	<0.5		
A0128013		1.95	<1	74	13	16	148	31	2.40	<0.5		
A0128014		2.13	<1	53	10	17	130	27	2.01	<0.5		
A0128015		2.10	<1	52	10	20	128	28	1.93	<0.5		
A0128016		2.21	<1	63	10	19	131	29	2.08	<0.5		
A0128017		2.09	1	76	13	13	141	34	2.35	<0.5		
A0128018		2.15	<1	71	14	16	146	34	2.45	<0.5		
A0128019		2.24	<1	67	11	21	126	30	2.01	<0.5		
A0128020		2.00	<1	76	10	18	134	30	2.19	<0.5		
A0128021		1.96	<1	88	16	16	159	36	2.70	<0.5		
A0128022		2.10	2	103	20	16	167	37	2.82	<0.5		
A0128023		2.06	<1	88	17	9	152	35	2.52	<0.5		
A0128024		2.21	<1	89	19	10	129	29	2.16	<0.5		
A0128025		0.08	249	3460	834	>10000	>10000	959	3.93	4.3	15850	45000
A0128026		2.07	<1	86	16	28	184	33	2.41	<0.5		
A0128027		2.02	<1	104	21	12	161	35	2.60	<0.5		
A0128028		1.81	<1	96	19	10	173	37	2.93	<0.5		
A0128029		2.11	<1	98	23	8	156	35	2.70	<0.5		
A0128030		2.05	<1	102	22	6	153	34	2.69	<0.5		
A0128031		2.05	<1	95	17	12	165	37	2.77	<0.5		
A0128032		2.06	<1	97	17	13	155	36	2.57	<0.5		
A0128033		2.01	<1	87	14	19	136	31	2.26	<0.5		
A0128034		2.08	<1	69	12	33	124	29	2.15	1.1		
A0128035		2.08	<1	76	<5	15	164	36	2.77	<0.5		
A0128036		2.00	<1	60	<5	15	142	32	2.44	<0.5		
A0128037		1.93	<1	69	5	13	155	34	2.67	<0.5		
A0128038		2.01	<1	78	6	22	155	34	2.62	<0.5		
A0128039		1.99	<1	83	5	18	148	31	2.51	<0.5		
A0128040		2.17	<1	69	6	16	146	32	2.48	<0.5		
A0128041		2.12	1	69	<5	15	144	30	2.46	<0.5		
A0128042		0.07	98	607	309	4340	4200	110	3.80	1.9		

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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			