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: 30-MAY-2019
Account: MZI

CERTIFICATE TB19121290

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 19-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
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 TB19121290

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
A0129993		1.24	<1	<1	<5	2	13	1	13.45	<0.5		
A0129994		0.08	4570	1860	1190	87	85	62	0.27	1.0		
A0129995		2.01	41	564	97	480	406	66	6.20	<0.5		
A0129996		2.44	294	3050	449	2070	1830	134	10.80	1.5		
A0129997		2.33	169	2300	368	1430	1355	115	9.44	1.3		
A0129998		2.32	113	1680	264	1190	1055	87	6.77	1.1		
A0129999		2.07	265	2170	345	1630	1235	116	9.04	1.1		
A0130000		2.23	301	2620	411	1550	1370	106	7.52	0.8		
A0160001		2.12	249	2010	299	1410	1290	82	6.36	0.6		
A0160002		2.29	290	2600	409	1520	1595	89	6.32	0.7		
A0160003		2.01	251	2150	338	1370	1355	87	6.50	0.7		
A0160004		2.46	307	2800	453	1740	1905	119	9.93	1.1		
A0160005		1.20	928	2260	359	1720	1555	101	9.42	1.3		
A0160006		1.73	168	1950	308	1220	1215	101	8.15	1.1		
A0160007		1.39	36	1680	256	495	743	58	0.78	0.6		
A0160008		2.03	29	1200	183	426	585	54	3.10	0.5		
A0160009		1.34	12	72	10	258	186	42	3.70	<0.5		
A0160010		2.30	29	8	<5	696	44	22	0.99	1.0		
A0160011		2.66	17	15	<5	373	47	16	0.93	0.5		
A0160012		1.74	77	888	134	620	508	67	4.51	0.6		
A0160013		0.07	83	570	294	4270	4170	108	3.97	2.0		
A0160014		2.13	65	1020	156	608	577	70	4.92	0.7		
A0160015		1.93	14	231	33	165	215	46	3.73	<0.5		
A0160016		2.50	18	523	89	249	315	46	3.20	<0.5		
A0160017		2.25	9	134	23	85	170	43	3.57	<0.5		
A0160018		2.17	2	65	8	48	135	36	2.94	<0.5		
A0160019		1.94	1	64	8	46	134	36	2.89	<0.5		
A0160020		2.15	<1	54	7	36	145	38	3.11	<0.5		
A0160021		2.29	<1	72	10	31	147	34	2.62	<0.5		
A0160022		2.18	<1	65	5	32	144	35	2.92	<0.5		
A0160023		2.27	<1	81	12	40	145	36	3.26	<0.5		
A0160024		2.25	57	745	120	478	371	50	3.65	<0.5		
A0160025		2.34	50	605	99	484	447	62	5.14	0.5		
A0160026		2.41	9	263	49	124	237	46	4.12	<0.5		
A0160027		2.16	14	177	38	137	190	43	3.67	<0.5		
A0160028		2.32	16	209	36	134	251	56	4.80	<0.5		
A0160029		2.10	5	140	37	86	315	74	7.01	<0.5		
A0160030		2.07	6	342	66	102	264	54	4.01	<0.5		
A0160031		2.15	1	74	6	37	181	46	3.66	<0.5		
A0160032		2.18	<1	81	5	23	170	41	3.37	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19121290

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
A0160033		1.07	<1	<1	<5	1	3	2	13.35	<0.5		
A0160034		2.07	<1	80	7	19	164	42	3.16	<0.5		
A0160035		1.89	2	110	20	31	187	43	3.36	<0.5		
A0160036		1.93	1	117	21	27	178	39	2.99	<0.5		
A0160037		2.11	<1	129	12	32	181	41	3.14	<0.5		
A0160038		1.88	1	188	19	37	206	49	3.90	<0.5		
A0160039		2.05	8	135	25	98	241	59	5.05	<0.5		
A0160040		2.09	23	313	48	154	287	49	3.77	<0.5		
A0160041		2.21	6	174	19	50	200	41	3.23	<0.5		
A0160042		2.05	1	91	16	27	188	40	3.18	<0.5		
A0160043		2.06	1	81	16	28	192	45	3.58	<0.5		
A0160044		2.12	<1	168	15	22	253	52	4.01	<0.5		
A0160045		2.02	<1	160	24	22	229	46	3.68	<0.5		
A0160046		1.99	32	314	71	404	439	56	4.22	<0.5		
A0160047		2.17	64	322	66	681	612	83	6.77	0.6		
A0160048		2.40	7	51	13	230	268	34	2.50	<0.5		
A0160049		2.07	2	31	16	68	111	26	2.48	<0.5		
A0160050		2.17	<1	40	24	43	128	31	3.15	<0.5		
A0160051		1.94	9	3	<5	459	340	94	4.35	<0.5		
A0160052		1.98	<1	31	10	14	141	30	3.46	<0.5		
A0160053		0.08	225	3410	789	>10000	>10000	921	3.87	4.0	16350	47000
A0160054		2.28	<1	25	9	27	185	34	3.39	<0.5		
A0160055		2.34	1	40	19	14	152	34	3.45	<0.5		
A0160056		2.08	<1	37	8	12	154	32	3.62	<0.5		
A0160057		2.48	<1	115	20	33	176	32	3.36	<0.5		
A0160058		2.03	44	388	79	810	833	124	8.16	0.5		
A0160059		1.83	17	242	53	454	602	117	8.65	<0.5		
A0160060		2.49	6	118	25	181	355	87	8.13	<0.5		
A0160061		1.59	4	54	15	114	268	97	9.03	<0.5		
A0160062		1.65	2	46	13	72	236	90	8.53	<0.5		
A0160063		1.08	4	90	16	87	107	28	2.12	<0.5		
A0160064		1.67	1	93	9	26	153	34	3.82	<0.5		
A0160065		2.19	18	22	8	458	140	36	3.32	<0.5		
A0160066		2.40	23	37	14	624	187	43	4.01	0.5		
A0160067		2.35	3	32	11	64	345	63	8.02	<0.5		
A0160068		1.68	4	25	12	65	305	57	7.06	<0.5		
A0160069		2.73	8	1	<5	158	37	33	2.22	<0.5		
A0160070		0.07	67	637	295	4370	4310	114	3.89	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			