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: 21-MAY-2019
Account: MZI

CERTIFICATE TB19108104

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 6-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 TB19108104

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
A0128667		1.59	<1	<1	<5	<1	<1	2	12.90	<0.5		
A0128668		0.08	5190	2060	1330	86	85	64	0.25	0.8		
A0128669		2.62	5	18	11	434	320	110	6.65	<0.5		
A0128670		2.73	9	22	14	324	283	109	6.13	<0.5		
A0128671		2.45	8	18	12	344	353	93	7.53	<0.5		
A0128672		2.39	10	21	14	267	369	89	8.16	<0.5		
A0128673		2.46	6	16	14	149	333	87	7.98	<0.5		
A0128674		2.88	12	32	18	353	409	96	8.93	<0.5		
A0128675		2.19	13	25	22	281	269	85	6.28	<0.5		
A0128676		2.20	18	80	45	373	921	211	2.43	<0.5		
A0128677		3.02	18	79	99	323	291	57	4.00	<0.5		
A0128678		2.56	1	23	<5	38	201	52	4.06	<0.5		
A0128679		2.27	<1	41	<5	33	207	52	4.31	<0.5		
A0128680		2.37	<1	38	<5	26	204	54	4.21	<0.5		
A0128681		2.26	1	30	<5	42	220	57	4.56	<0.5		
A0128682		2.20	2	32	<5	85	236	63	5.00	3.0		
A0128683		2.16	1	44	5	37	144	42	3.03	0.6		
A0128684		2.28	1	66	<5	49	158	43	3.13	<0.5		
A0128685		2.06	7	75	<5	129	197	41	2.77	<0.5		
A0128686		2.05	12	127	21	221	249	51	3.59	<0.5		
A0128687		0.07	78	598	299	4810	4590	118	3.99	2.2		
A0128688		2.30	51	523	56	492	549	78	5.96	<0.5		
A0128689		2.27	318	3170	282	1400	1050	83	5.59	0.6		
A0128690		2.16	262	3910	370	655	782	76	6.10	<0.5		
A0128691		2.21	23	548	72	109	256	36	3.05	<0.5		
A0128692		2.42	<1	13	5	18	351	60	5.55	<0.5		
A0128693		2.34	1	22	9	18	341	57	5.42	<0.5		
A0128694		2.40	3	79	16	26	321	55	4.86	<0.5		
A0128695		2.26	2	77	10	25	273	46	4.11	<0.5		
A0128696		2.23	3	52	6	35	350	61	5.32	<0.5		
A0128697		2.28	36	746	151	73	294	46	3.91	<0.5		
A0128698		2.38	449	4230	537	1000	966	77	5.82	<0.5		
A0128699		2.23	62	670	79	298	500	60	5.33	<0.5		
A0128700		2.35	250	2930	388	694	752	69	5.15	<0.5		
A0128701		2.26	92	1380	143	311	670	58	4.29	<0.5		
A0128702		2.27	100	1190	113	562	745	66	5.26	<0.5		
A0128703		2.38	6	135	12	59	331	55	4.45	<0.5		
A0128704		2.35	1	26	<5	16	239	44	3.70	<0.5		
A0128705		2.37	6	200	16	46	524	90	8.26	<0.5		
A0128706		2.26	15	126	19	81	432	67	6.05	<0.5		

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Finalized Date: 21-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19108104

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
A0128707		2.10	<1	<1	<5	1	1	2	13.05	<0.5		
A0128708		2.36	17	103	24	76	380	55	5.23	<0.5		
A0128709		2.45	<1	14	<5	23	457	70	4.08	<0.5		
A0128710		2.52	1	7	<5	35	604	79	3.70	<0.5		
A0128711		2.43	1	12	<5	32	685	79	3.79	<0.5		
A0128712		2.48	<1	6	<5	24	353	58	4.36	<0.5		
A0128713		2.26	<1	3	<5	17	237	51	4.10	<0.5		
A0128714		2.36	<1	4	<5	7	245	47	3.98	<0.5		
A0128715		2.28	<1	40	<5	10	238	49	4.22	<0.5		
A0128716		2.33	<1	24	<5	24	275	57	4.61	<0.5		
A0128717		2.20	1	17	<5	26	112	25	1.66	<0.5		
A0128718		2.16	2	25	<5	44	144	35	2.27	<0.5		
A0128719		2.33	<1	10	<5	12	212	45	3.67	<0.5		
A0128720		2.39	<1	8	<5	16	192	41	3.46	<0.5		
A0128721		2.33	4	53	7	130	257	51	4.21	<0.5		
A0128722		2.28	<1	46	<5	36	174	49	4.05	<0.5		
A0128723		2.10	2	38	<5	69	184	50	4.01	<0.5		
A0128724		2.31	<1	22	<5	18	167	45	3.80	<0.5		
A0128725		2.24	<1	37	<5	27	195	46	3.94	<0.5		
A0128726		2.28	29	70	40	305	428	53	3.86	<0.5		
A0128727		0.08	324	3520	821	>10000	>10000	981	3.94	4.1	15750	44800
A0128728		2.41	17	80	44	309	439	70	6.27	<0.5		
A0128729		1.26	2	104	47	50	216	41	3.41	<0.5		
A0128730		1.47	<1	20	7	77	65	30	1.70	<0.5		
A0128731		1.85	<1	<1	<5	71	34	32	1.73	<0.5		
A0128732		2.23	1	34	14	50	335	61	6.34	<0.5		
A0128733		2.23	10	95	40	117	312	54	4.93	<0.5		
A0128734		2.29	17	93	47	154	269	36	2.79	<0.5		
A0128735		2.19	3	69	21	58	242	47	4.24	<0.5		
A0128736		2.34	3	25	6	41	263	54	4.93	<0.5		
A0128737		2.37	1	34	8	21	261	56	5.13	<0.5		
A0128738		2.39	<1	36	7	18	280	55	5.20	<0.5		
A0128739		2.36	3	37	14	42	282	60	5.52	<0.5		
A0128740		2.38	1	24	11	86	184	84	5.11	<0.5		
A0128741		2.37	5	134	31	71	291	75	6.47	<0.5		
A0128742		2.35	11	137	22	175	328	62	4.73	<0.5		
A0128743		2.22	4	86	21	56	262	57	5.26	<0.5		
A0128744		0.07	67	600	288	4650	4490	117	4.04	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			