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: 1-AUG-2019
Account: MZI

CERTIFICATE TB19165924

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 7-JUL-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 TB19165924

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
X101935		1.25	<1	1	<5	4	5	3	14.20	<0.5		
X101936		0.07	4680	2040	1320	89	89	67	0.28	0.9		
X101937		2.40	35	170	42	1205	1100	154	8.70	0.7		
X101938		2.28	70	202	45	2010	1260	164	5.57	1.1		
X101939		2.24	11	138	27	402	322	84	5.02	<0.5		
X101940		2.17	7	164	33	175	245	67	5.21	<0.5		
X101941		2.39	10	95	15	428	256	69	3.58	<0.5		
X101942		1.96	5	9	<5	300	167	50	2.27	<0.5		
X101943		2.38	15	25	9	691	397	93	3.87	<0.5		
X101944		2.36	23	115	19	747	494	101	4.10	<0.5		
X101945		2.41	23	108	20	825	485	115	3.53	<0.5		
X101946		2.41	32	77	19	1030	540	114	3.75	<0.5		
X101947		1.82	11	52	12	530	367	85	4.34	<0.5		
X101948		2.91	3	39	12	84	264	51	4.48	<0.5		
X101949		2.62	6	38	9	127	288	53	4.68	<0.5		
X101950		2.09	10	33	11	213	359	64	5.37	<0.5		
X101951		2.38	7	32	11	142	260	48	4.35	<0.5		
X101952		2.24	6	30	8	155	283	53	4.50	<0.5		
X101953		2.51	3	19	5	95	229	51	4.21	<0.5		
X101954		2.59	7	35	9	187	282	54	4.47	<0.5		
X101955		0.07	97	614	321	4440	4310	114	3.99	2.2		
X101956		2.33	9	41	12	289	358	64	5.23	<0.5		
X101957		2.80	8	50	13	231	349	60	4.66	<0.5		
X101958		2.42	7	36	6	172	256	49	4.32	<0.5		
X101959		2.01	4	41	10	125	269	58	5.14	<0.5		
X101960		2.79	2	98	14	99	202	48	4.14	<0.5		
X101961		2.12	3	47	10	79	223	51	4.84	<0.5		
X101962		2.76	4	56	9	100	212	47	4.27	<0.5		
X101963		2.52	4	60	13	92	233	56	5.07	<0.5		
X101964		2.51	16	628	85	350	519	66	4.81	<0.5		
X101965		2.65	22	1120	135	529	648	69	4.48	<0.5		
X101966		2.37	87	580	70	991	746	84	4.88	0.5		
X101967		2.25	140	3640	332	1835	1235	95	4.31	0.7		
X101968		2.92	54	989	108	629	671	69	4.57	0.5		
X101969		2.10	39	290	42	523	463	71	5.06	<0.5		
X101970		2.73	47	448	56	1115	645	87	3.27	0.7		
X101971		2.23	7	26	13	390	236	95	5.60	<0.5		
X101972		3.00	23	130	28	482	237	101	5.42	<0.5		
X101973		2.33	22	18	7	793	264	129	4.07	0.5		
X101974		2.94	8	15	6	467	209	105	5.39	<0.5		

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Finalized Date: 1-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19165924

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
X101975		1.74	<1	<1	<5	3	2	2	12.95	<0.5		
X101976		2.31	9	29	10	363	222	107	5.30	<0.5		
X101977		2.43	4	10	7	257	261	140	4.65	<0.5		
X101978		2.37	6	3	<5	283	285	164	2.98	<0.5		
X101979		1.24	217	2840	283	1285	1190	70	4.72	0.6		
X101980		1.41	87	1730	153	2200	1935	90	4.07	1.0		
X101981		2.21	39	2210	212	323	1350	68	4.33	<0.5		
X101982		2.17	113	813	97	1115	792	68	3.88	<0.5		
X101983		2.13	90	746	93	832	635	60	3.74	<0.5		
X101984		2.08	82	631	77	903	641	68	4.52	<0.5		
X101985		2.33	99	1080	126	1770	1070	98	4.51	1.1		
X101986		2.04	59	484	71	790	461	51	4.19	<0.5		
X101987		2.17	12	318	37	182	410	41	4.28	<0.5		
X101988		2.05	101	1200	137	1080	803	64	4.14	0.5		
X101989		2.17	190	2600	273	1240	812	79	4.19	0.5		
X101990		2.07	117	1550	156	1215	678	69	4.45	0.6		
X101991		2.03	75	387	48	757	526	70	5.01	<0.5		
X101992		2.09	67	701	77	674	483	66	4.35	<0.5		
X101993		2.09	20	205	38	261	322	48	4.41	<0.5		
X101994		2.04	15	153	28	214	338	52	4.95	<0.5		
X101995		0.08	241	3370	800	>10000	>10000	967	3.98	4.1	16500	46600
X101996		2.16	16	558	61	166	418	49	4.63	<0.5		
X101997		2.13	79	1550	135	660	770	60	4.31	<0.5		
X101998		2.08	50	2160	220	485	1065	64	4.49	<0.5		
X101999		2.10	404	1560	150	1955	1095	83	3.63	1.0		
X102000		2.01	60	370	49	897	445	50	3.69	0.5		
X783001		2.18	9	21	10	410	262	106	6.53	<0.5		
X783002		2.34	12	48	13	768	426	116	4.53	<0.5		
X783003		2.03	9	69	15	641	353	90	4.12	<0.5		
X783004		2.03	12	62	15	760	385	91	3.51	<0.5		
X783005		2.18	11	74	12	520	255	91	3.55	<0.5		
X783006		2.27	20	171	32	499	310	84	4.90	<0.5		
X783007		2.16	5	14	6	370	230	99	4.65	<0.5		
X783008		2.06	12	80	20	760	441	98	4.50	<0.5		
X783009		2.17	17	146	31	1080	622	129	5.25	0.6		
X783010		2.23	9	123	27	944	542	118	4.96	<0.5		
X783011		2.16	14	154	29	752	439	116	5.49	<0.5		
X783012		0.07	116	633	303	4450	4290	115	4.01	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			