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: 12-JUL-2019
Account: MZI

CERTIFICATE TB19152562

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 23-JUN-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 TB19152562

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
A0152643		1.72	1	1	<5	<1	<1	<1	13.55	<0.5		
A0152644		0.08	4650	1980	1290	83	82	62	0.25	0.8		
A0152645		2.70	1	24	<5	21	260	55	4.56	<0.5		
A0152646		2.19	1	25	5	11	245	52	4.24	<0.5		
A0152647		2.26	<1	24	<5	9	243	52	4.18	<0.5		
A0152648		2.25	<1	28	<5	14	239	54	4.16	<0.5		
A0152649		2.37	1	32	<5	34	228	51	3.86	<0.5		
A0152650		2.16	<1	27	<5	17	253	58	4.60	<0.5		
A0152651		2.43	1	25	<5	22	241	55	4.12	<0.5		
A0152652		2.20	1	25	<5	21	245	55	4.23	<0.5		
A0152653		2.32	<1	23	<5	13	243	52	4.25	<0.5		
A0152654		2.52	<1	27	<5	28	280	59	4.85	<0.5		
A0152655		2.27	<1	22	<5	20	256	54	4.34	<0.5		
A0152656		2.24	2	22	<5	14	257	56	4.37	<0.5		
A0152657		2.32	<1	26	<5	19	198	45	3.44	<0.5		
A0152658		2.53	<1	28	<5	18	206	46	3.64	<0.5		
A0152659		2.41	<1	30	<5	20	205	47	3.68	<0.5		
A0152660		2.33	<1	36	<5	21	201	46	3.54	<0.5		
A0152661		2.50	<1	26	<5	20	213	49	3.84	<0.5		
A0152662		2.43	<1	32	<5	22	207	49	3.71	<0.5		
A0152663		0.07	97	599	298	4510	4400	112	3.91	2.1		
A0152664		2.62	<1	32	<5	20	202	47	3.57	<0.5		
A0152665		2.28	2	29	<5	25	215	50	3.78	<0.5		
A0152666		2.32	2	33	<5	16	189	43	3.31	<0.5		
A0152667		2.51	1	31	<5	18	200	47	3.48	<0.5		
A0152668		2.41	1	33	<5	23	172	41	3.09	<0.5		
A0152669		2.17	1	32	<5	23	147	36	2.55	<0.5		
A0152670		2.14	1	35	<5	14	136	34	2.42	<0.5		
A0152671		2.27	1	36	<5	14	166	40	2.98	<0.5		
A0152672		2.39	2	34	<5	34	220	52	4.04	<0.5		
A0152673		2.31	1	29	<5	60	192	45	3.45	<0.5		
A0152674		2.23	3	32	5	179	183	42	3.30	<0.5		
A0152675		2.22	2	37	<5	104	214	41	3.79	<0.5		
A0152676		2.17	2	10	<5	195	99	44	2.48	<0.5		
A0152677		2.25	1	27	<5	90	226	42	3.96	<0.5		
A0152678		2.24	2	27	<5	112	221	48	4.03	<0.5		
A0152679		2.25	1	27	<5	98	297	65	5.62	<0.5		
A0152680		2.32	1	26	<5	69	288	66	5.45	<0.5		
A0152681		2.24	2	31	<5	102	206	39	3.57	<0.5		
A0152682		2.26	1	30	<5	26	201	47	3.66	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19152562

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
A0152683		2.09	<1	<1	<5	<1	<1	1	14.25	<0.5		
A0152684		2.51	1	23	<5	55	214	51	3.90	<0.5		
A0152685		2.44	1	25	<5	48	225	47	3.98	<0.5		
A0152686		2.57	8	28	<5	116	237	55	4.45	<0.5		
A0152687		2.35	2	28	<5	76	228	50	4.24	<0.5		
A0152688		2.36	50	30	<5	58	222	45	4.00	<0.5		
A0152689		2.35	1	38	<5	49	313	65	5.31	<0.5		
A0152690		2.51	<1	38	<5	9	193	43	3.22	<0.5		
A0152691		2.44	6	75	12	33	323	63	4.92	<0.5		
A0152692		2.52	27	184	100	64	348	59	4.45	<0.5		
A0152693		2.37	110	219	200	317	457	56	4.19	<0.5		
A0152694		2.54	11	163	89	36	276	50	3.75	<0.5		
A0152695		2.11	4	110	20	48	289	56	4.17	<0.5		
A0152696		2.83	24	208	88	304	364	63	5.17	<0.5		
A0152697		2.13	21	145	51	48	315	54	3.96	<0.5		
A0152698		2.29	291	400	296	168	375	56	4.07	<0.5		
A0152699		2.28	326	517	431	224	393	57	4.17	<0.5		
A0152700		2.46	3	158	92	30	345	58	4.19	<0.5		
A0152701		2.27	7	136	74	30	351	60	4.49	<0.5		
A0152702		2.37	43	389	244	45	376	62	4.64	<0.5		
A0152703		0.08	237	3320	763	>10000	>10000	941	3.87	4.2	16150	46600
A0152704		2.46	127	218	103	205	496	67	4.77	<0.5		
A0152705		2.52	84	237	131	106	449	73	5.11	<0.5		
A0152706		2.45	10	38	7	67	392	67	4.84	<0.5		
A0152707		2.35	14	81	49	91	365	65	4.71	<0.5		
A0152708		2.56	12	133	211	73	337	60	4.53	<0.5		
A0152709		2.47	18	157	179	75	320	59	4.27	<0.5		
A0152710		2.10	10	71	28	62	336	63	4.61	<0.5		
A0152711		2.55	4	78	7	46	317	58	4.54	<0.5		
A0152712		2.23	2	76	17	43	330	61	4.54	<0.5		
A0152713		2.43	49	72	39	62	241	40	2.78	<0.5		
A0152714		2.54	328	89	36	271	409	56	3.98	<0.5		
A0152715		2.56	80	86	38	107	397	73	5.50	<0.5		
A0152716		2.41	26	81	23	216	421	77	5.92	<0.5		
A0152717		2.23	1	14	<5	36	333	67	5.04	<0.5		
A0152718		2.63	1	137	45	15	556	106	9.05	<0.5		
A0152719		2.42	1	128	33	23	525	102	8.83	<0.5		
A0152720		0.07	65	599	303	4490	4430	115	3.97	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			