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 TB19172654

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 15-JUL-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 TB19172654

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
A0153813		1.57	<1	<1	<5	1	<1	<1	13.00	<0.5		
A0153814		0.07	5090	2040	1320	87	87	64	0.28	0.7		
A0153815		2.53	18	43	9	673	495	143	4.88	<0.5		
A0153816		2.08	14	33	6	701	429	116	4.82	<0.5		
A0153817		2.66	7	16	<5	447	334	139	3.61	<0.5		
A0153818		1.89	8	16	<5	490	433	164	3.62	<0.5		
A0153819		2.04	8	59	8	437	368	126	4.45	<0.5		
A0153820		1.60	6	3	<5	208	126	55	4.77	<0.5		
A0153821		1.65	2	15	<5	126	188	59	4.90	<0.5		
A0153822		2.68	3	8	<5	173	183	61	5.20	<0.5		
A0153823		2.37	5	16	<5	280	196	65	4.99	<0.5		
A0153824		2.29	27	44	13	589	317	83	4.70	<0.5		
A0153825		2.29	5	8	<5	321	198	83	5.84	<0.5		
A0153826		2.31	5	8	<5	217	169	70	5.62	<0.5		
A0153827		2.38	4	7	<5	257	196	80	5.68	<0.5		
A0153828		2.29	4	7	<5	262	216	98	6.90	<0.5		
A0153829		2.30	3	3	<5	184	106	60	3.63	<0.5		
A0153830		2.41	6	104	14	101	120	46	3.11	<0.5		
A0153831		2.22	34	2210	228	220	468	67	4.82	<0.5		
A0153832		2.37	24	201	34	187	357	82	6.90	<0.5		
A0153833		0.07	90	623	316	4740	4770	121	4.22	1.8		
A0153834		2.54	46	573	83	224	361	69	5.68	<0.5		
A0153835		1.94	22	782	89	114	253	50	4.50	<0.5		
A0153836		2.38	20	203	29	113	255	65	5.52	<0.5		
A0153837		2.34	9	155	28	84	204	52	4.51	<0.5		
A0153838		2.12	6	142	36	59	202	46	4.70	<0.5		
A0153839		1.66	99	3120	285	374	487	73	5.80	<0.5		
A0153840		1.91	72	1320	145	278	342	68	4.59	<0.5		
A0153841		1.68	1	36	<5	44	189	42	2.14	<0.5		
A0153842		1.57	1	31	<5	57	211	45	2.38	<0.5		
A0153843		2.28	1	26	<5	40	190	41	2.30	<0.5		
A0153844		2.20	<1	27	<5	16	157	35	2.01	<0.5		
A0153845		2.10	<1	27	<5	28	129	29	1.81	<0.5		
A0153846		1.98	7	86	20	120	480	88	8.60	0.6		
A0153847		2.11	12	187	40	221	390	80	9.33	0.6		
A0153848		2.13	19	273	50	302	448	74	8.47	0.5		
A0153849		2.36	16	226	38	177	380	76	8.13	0.5		
A0153850		2.04	16	155	30	160	298	62	6.63	<0.5		
A0153851		2.45	36	548	85	298	528	83	7.44	0.7		
A0153852		2.35	5	50	14	83	338	74	7.69	0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19172654

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
A0153853		1.78	<1	1	<5	<1	6	<1	12.65	<0.5		
A0153854		1.95	7	64	16	117	339	89	9.03	<0.5		
A0153855		2.39	34	289	54	387	427	81	7.20	0.8		
A0153856		1.88	3	39	10	52	175	44	4.29	<0.5		
A0153857		2.38	51	443	84	559	488	87	6.84	0.6		
A0153858		2.18	21	114	21	254	236	50	4.26	<0.5		
A0153859		2.05	11	77	17	148	199	45	4.21	0.7		
A0153860		2.15	7	40	11	108	189	47	4.65	0.5		
A0153861		2.18	12	59	15	163	361	82	8.65	0.6		
A0153862		2.08	18	92	20	173	380	84	8.94	0.5		
A0153863		2.19	61	79	18	85	358	82	8.73	0.5		
A0153864		2.14	14	80	18	110	340	80	8.37	0.5		
A0153865		2.27	10	114	24	144	396	94	10.00	<0.5		
A0153866		2.55	8	107	24	116	381	101	10.05	<0.5		
A0153867		1.77	4	78	19	88	359	95	9.66	<0.5		
A0153868		2.21	4	13	5	117	118	50	4.55	<0.5		
A0153869		1.98	6	13	<5	107	125	48	4.78	<0.5		
A0153870		2.33	5	13	5	136	125	52	4.78	0.5		
A0153871		2.37	4	11	7	113	129	50	4.89	0.5		
A0153872		2.61	5	11	<5	135	151	56	5.42	<0.5		
A0153873		0.12	324	3490	818	>10000	>10000	1015	4.04	4.4	16250	44800
A0153874		1.77	52	597	101	517	523	98	8.59	0.7		
A0153875		1.92	40	791	141	533	548	96	6.57	0.9		
A0153876		2.56	9	14	7	147	123	46	4.64	<0.5		
A0153877		2.21	4	13	<5	171	148	45	4.61	<0.5		
A0153878		2.77	7	28	9	161	202	47	4.89	<0.5		
A0153879		1.66	253	2010	333	1815	1280	120	8.07	1.0		
A0153880		2.30	155	890	150	881	927	115	9.85	0.8		
A0153881		1.58	319	1940	331	1785	1490	107	7.08	1.0		
A0153882		2.68	31	94	14	240	305	56	5.59	0.7		
A0153883		2.36	8	18	<5	137	233	54	5.74	<0.5		
A0153884		2.31	31	24	5	169	239	53	5.50	0.5		
A0153885		2.15	64	12	<5	156	266	55	5.71	0.5		
A0153886		2.10	<1	35	<5	20	288	57	5.20	<0.5		
A0153887		2.09	1	110	<5	34	281	57	5.34	<0.5		
A0153888		2.05	4	124	<5	43	206	43	3.83	0.5		
A0153889		2.16	3	104	<5	45	249	50	4.25	<0.5		
A0153890		0.07	81	623	331	4430	4360	116	3.89	2.3		

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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			