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: 2-AUG-2019
Account: MZI

CERTIFICATE TB19172679

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 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 TB19172679

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
A0163191		1.78	<1	2	<5	2	4	1	14.15	<0.5		
A0163192		0.08	4910	2020	1290	90	88	66	0.28	1.2		
A0163193		2.11	10	92	42	116	237	40	4.46	<0.5		
A0163194		2.21	10	89	42	123	243	39	4.29	<0.5		
A0163195		2.26	13	98	44	132	250	40	4.46	<0.5		
A0163196		2.40	17	116	44	151	259	40	4.26	<0.5		
A0163197		2.14	6	112	46	45	301	38	4.42	<0.5		
A0163198		2.07	11	142	47	126	301	40	4.42	<0.5		
A0163199		2.34	172	560	110	809	863	53	4.45	<0.5		
A0163200		2.19	279	1200	211	2030	1675	71	4.26	0.8		
A0163201		1.77	83	626	86	791	957	61	5.03	0.5		
A0163202		2.58	24	330	67	466	438	40	3.80	<0.5		
A0163203		2.48	6	86	38	92	207	30	3.05	<0.5		
A0163204		2.23	52	588	124	457	539	36	2.90	<0.5		
A0163205		2.21	51	331	74	468	557	44	3.79	<0.5		
A0163206		2.24	17	248	61	213	268	34	3.61	<0.5		
A0163207		2.30	15	115	25	147	285	39	4.41	<0.5		
A0163208		2.31	50	356	78	434	509	44	4.19	<0.5		
A0163209		2.21	155	805	98	967	972	52	3.80	<0.5		
A0163210		2.05	46	352	57	444	397	43	3.91	<0.5		
A0163211		0.07	71	621	307	4460	4400	112	3.94	2.2		
A0163212		2.21	19	135	36	162	288	37	3.55	<0.5		
A0163213		2.31	112	517	85	587	650	39	3.20	<0.5		
A0163214		2.17	40	222	41	307	309	40	3.82	<0.5		
A0163215		1.90	47	151	20	318	304	40	3.99	<0.5		
A0163216		2.71	182	1420	119	909	892	58	4.32	<0.5		
A0163217		2.18	56	297	37	424	449	44	3.73	<0.5		
A0163218		2.15	18	64	11	197	258	47	4.43	<0.5		
A0163219		2.15	8	32	7	115	197	46	4.04	<0.5		
A0163220		2.09	30	229	30	392	325	44	3.00	<0.5		
A0163221		2.28	9	42	<5	238	230	38	3.14	<0.5		
A0163222		2.20	12	19	<5	286	250	42	3.64	<0.5		
A0163223		2.36	16	177	19	363	312	39	3.65	<0.5		
A0163224		2.25	54	805	63	713	627	58	4.35	<0.5		
A0163225		2.49	20	36	<5	313	293	49	5.02	<0.5		
A0163226		2.36	53	510	57	642	618	56	5.07	<0.5		
A0163227		2.30	31	144	25	433	495	52	5.40	<0.5		
A0163228		2.67	26	263	26	338	443	48	5.08	<0.5		
A0163229		2.30	167	1430	152	1260	1095	65	4.66	0.7		
A0163230		2.17	17	24	<5	213	297	44	4.69	<0.5		

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Finalized Date: 2-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19172679

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
A0163231		1.38	<1	<1	<5	1	2	1	13.65	<0.5		
A0163232		2.17	12	32	<5	218	258	38	3.66	<0.5		
A0163233		2.34	13	9	<5	222	280	40	4.46	<0.5		
A0163234		2.47	40	167	41	427	467	49	5.07	<0.5		
A0163235		2.47	98	416	69	558	574	52	4.82	<0.5		
A0163236		2.67	103	924	95	635	799	52	4.56	0.5		
A0163237		2.50	55	597	95	379	642	45	4.59	<0.5		
A0163238		2.50	265	1900	150	1480	1335	63	4.94	0.6		
A0163239		2.45	246	1460	118	1050	1080	56	4.93	<0.5		
A0163240		2.48	97	244	34	559	611	48	4.86	<0.5		
A0163241		2.48	176	1320	105	975	1030	56	4.62	<0.5		
A0163242		2.48	176	932	92	816	898	56	5.27	<0.5		
A0163243		2.49	329	1370	165	1475	1410	65	5.21	0.5		
A0163244		2.47	79	413	46	308	544	53	5.98	<0.5		
A0163245		2.27	77	327	60	356	574	55	6.34	<0.5		
A0163246		2.44	242	1800	183	1400	1615	80	7.10	0.6		
A0163247		2.57	17	233	36	172	481	60	7.10	<0.5		
A0163248		2.53	15	550	78	145	513	48	5.65	<0.5		
A0163249		2.57	259	2550	223	1195	1485	68	5.34	0.5		
A0163250		2.47	159	1020	143	723	791	54	5.12	<0.5		
A0163251		0.08	265	3450	782	>10000	>10000	974	4.03	4.3	16000	43200
A0163252		2.44	219	1080	170	983	977	57	4.95	<0.5		
A0163253		2.51	84	414	77	434	560	51	5.03	<0.5		
A0163254		2.50	21	195	59	169	335	41	5.05	<0.5		
A0163255		2.51	46	435	72	263	484	47	5.18	<0.5		
A0163256		2.44	330	2330	232	1590	1445	66	5.27	0.6		
A0163257		2.51	55	353	69	306	462	47	5.35	<0.5		
A0163258		2.47	105	1120	105	646	894	54	4.79	<0.5		
A0163259		2.45	103	1380	137	699	899	48	3.88	<0.5		
A0163260		2.49	125	1250	97	758	919	62	5.12	<0.5		
A0163261		2.54	9	33	8	167	257	49	4.89	<0.5		
A0163262		2.42	164	1110	87	825	712	57	4.34	<0.5		
A0163263		2.57	73	731	54	789	540	58	4.19	0.5		
A0163264		2.61	46	149	15	562	345	43	3.73	<0.5		
A0163265		2.67	31	136	19	256	354	52	5.43	<0.5		
A0163266		2.48	52	285	34	335	412	52	5.23	<0.5		
A0163267		2.41	233	2000	158	1265	1155	67	5.06	0.5		
A0163268		0.07	76	590	327	4730	4510	116	4.10	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			