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 TB19172680

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 TB19172680

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
A0163269		2.09	<1	2	<5	1	2	<1	13.05	<0.5		
A0163270		0.07	5830	2030	1240	86	80	59	0.26	0.9		
A0163271		2.40	38	1360	103	314	845	52	4.69	<0.5		
A0163272		2.30	31	438	41	332	485	46	4.25	<0.5		
A0163273		2.43	58	4100	356	509	1470	71	3.97	<0.5		
A0163274		2.36	95	1270	106	606	752	61	5.56	<0.5		
A0163275		2.33	91	599	60	466	556	57	6.12	<0.5		
A0163276		2.21	183	1520	185	1090	969	65	5.75	<0.5		
A0163277		2.46	168	1520	163	929	838	60	6.01	<0.5		
A0163278		2.21	84	686	60	459	479	39	4.02	<0.5		
A0163279		2.32	92	751	110	610	755	52	5.77	<0.5		
A0163280		2.18	81	1200	137	695	856	49	4.44	<0.5		
A0163281		2.43	448	2370	244	1610	1385	66	5.13	<0.5		
A0163282		2.37	185	1170	150	1200	1125	61	5.01	<0.5		
A0163283		2.17	79	610	108	590	659	49	5.46	<0.5		
A0163284		2.23	101	1020	180	658	855	59	6.35	<0.5		
A0163285		2.36	125	798	81	761	723	55	5.61	<0.5		
A0163286		2.29	134	556	85	985	938	67	6.94	<0.5		
A0163287		2.28	252	462	73	450	577	50	5.37	<0.5		
A0163288		1.74	1	3	<5	42	14	22	1.58	<0.5		
A0163289		0.07	83	602	328	4380	4100	110	3.85	1.6		
A0163290		1.64	10	60	6	153	87	24	1.98	<0.5		
A0163291		1.74	43	305	57	207	463	47	5.70	<0.5		
A0163292		1.71	25	141	36	188	368	47	5.62	<0.5		
A0163293		2.29	260	957	169	1250	1145	64	5.82	<0.5		
A0163294		2.38	266	1000	182	1400	1305	68	6.02	<0.5		
A0163295		2.27	189	827	129	966	913	57	5.99	<0.5		
A0163296		2.33	112	571	91	623	686	54	5.80	<0.5		
A0163297		2.29	529	1740	337	2540	2000	84	5.76	0.8		
A0163298		2.36	373	1450	188	1650	1375	66	5.58	0.5		
A0163299		2.29	366	1240	210	1890	1480	77	6.73	0.7		
A0163300		2.13	114	854	105	685	793	55	5.38	<0.5		
A0163301		2.32	73	939	125	519	678	53	5.69	<0.5		
A0163302		2.25	74	1120	135	1120	773	51	5.05	<0.5		
A0163303		2.38	37	395	128	240	408	44	4.94	<0.5		
A0163304		2.31	55	489	65	295	497	51	6.33	<0.5		
A0163305		2.32	298	1960	218	1480	1375	72	6.00	0.5		
A0163306		2.31	33	569	123	311	554	38	4.00	<0.5		
A0163307		2.38	9	229	64	112	276	23	2.57	<0.5		
A0163308		2.44	17	597	88	212	347	32	3.38	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19172680

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
A0163309		1.64	<1	2	<5	1	<1	<1	13.05	<0.5		
A0163310		2.28	47	408	83	266	323	34	3.92	<0.5		
A0163311		2.28	68	855	117	473	611	44	4.20	<0.5		
A0163312		2.44	15	231	28	97	349	40	4.95	<0.5		
A0163313		2.16	71	716	75	559	672	46	4.77	<0.5		
A0163314		2.35	42	433	44	259	467	44	5.40	<0.5		
A0163315		2.64	43	316	49	295	481	48	5.82	<0.5		
A0163316		2.35	17	116	22	163	367	46	5.72	<0.5		
A0163317		2.46	7	164	39	84	414	48	6.48	<0.5		
A0163318		2.52	4	180	32	89	336	37	4.44	<0.5		
A0163319		2.59	70	1140	112	622	738	57	5.48	<0.5		
A0163320		2.57	72	743	97	739	690	65	6.23	<0.5		
A0163321		2.52	131	2180	271	1170	1120	79	7.55	<0.5		
A0163322		2.43	25	666	164	154	404	49	5.77	<0.5		
A0163323		2.42	20	324	83	148	442	52	6.58	<0.5		
A0163324		2.45	7	165	28	128	239	50	4.88	<0.5		
A0163325		2.59	7	458	85	90	537	67	10.10	<0.5		
A0163326		2.43	32	943	107	396	789	76	9.95	<0.5		
A0163327		2.59	15	120	20	189	397	56	6.53	<0.5		
A0163328		2.48	25	119	22	250	470	60	7.05	<0.5		
A0163329		0.08	187	3260	756	>10000	>10000	940	3.95	3.8	16150	46000
A0163330		2.50	14	156	26	185	468	52	6.23	<0.5		
A0163331		2.47	27	173	33	242	469	60	6.84	<0.5		
A0163332		2.26	55	349	51	440	584	58	5.61	<0.5		
A0163333		2.41	59	727	84	641	661	63	6.26	<0.5		
A0163334		2.37	86	1130	113	677	585	54	4.92	0.5		
A0163335		2.33	39	289	42	348	479	56	5.86	<0.5		
A0163336		2.53	118	599	69	412	566	62	6.92	<0.5		
A0163337		2.51	41	356	34	311	453	50	6.00	<0.5		
A0163338		2.27	18	97	20	183	334	49	5.42	<0.5		
A0163339		2.46	25	512	57	187	486	56	6.89	<0.5		
A0163340		2.58	17	198	29	191	443	52	6.53	<0.5		
A0163341		2.56	15	211	26	164	472	55	6.78	<0.5		
A0163342		2.51	30	145	31	262	401	53	6.10	<0.5		
A0163343		2.68	22	264	55	120	467	60	7.14	<0.5		
A0163344		2.28	51	249	56	632	1000	98	6.72	<0.5		
A0163345		2.50	29	345	44	186	407	50	6.29	<0.5		
A0163346		0.07	77	605	291	4640	4480	114	4.02	2.1		

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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			