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 TB19172677

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 TB19172677

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
A0162801		2.16	<1	3	<5	3	4	1	14.25	<0.5		
A0162802		0.07	5100	2010	1300	86	83	60	0.27	1.0		
A0162803		2.42	335	2200	221	1540	1380	62	4.86	0.5		
A0162804		2.52	34	228	70	179	343	39	4.57	<0.5		
A0162805		2.48	66	427	89	400	421	35	3.43	<0.5		
A0162806		2.63	29	437	80	158	394	35	3.94	<0.5		
A0162807		2.47	51	409	71	301	364	32	3.18	<0.5		
A0162808		2.50	12	191	69	148	284	38	4.22	<0.5		
A0162809		1.89	25	293	92	154	262	33	3.40	<0.5		
A0162810		2.56	25	161	66	220	326	38	4.15	<0.5		
A0162811		2.21	27	255	82	277	386	41	4.23	<0.5		
A0162812		2.52	37	326	78	403	538	54	5.76	<0.5		
A0162813		2.49	43	260	47	355	416	47	5.45	<0.5		
A0162814		2.21	15	77	16	177	308	48	5.64	<0.5		
A0162815		2.32	10	39	11	165	282	51	5.59	<0.5		
A0162816		1.99	42	574	87	589	540	55	5.37	<0.5		
A0162817		2.78	109	1360	144	1225	768	63	4.66	0.8		
A0162818		2.35	109	2060	164	1215	964	74	5.78	0.6		
A0162819		2.09	44	739	98	338	513	56	7.20	<0.5		
A0162820		2.45	14	261	70	91	401	54	7.47	<0.5		
A0162821		0.07	123	596	302	4480	4330	109	4.16	1.9		
A0162822		2.34	13	251	81	91	334	45	5.90	<0.5		
A0162823		2.35	43	338	64	333	421	51	5.63	<0.5		
A0162824		2.45	61	366	68	403	583	62	6.92	<0.5		
A0162825		2.50	91	455	86	444	668	63	6.39	<0.5		
A0162826		2.37	26	57	17	147	370	47	5.97	<0.5		
A0162827		2.23	34	97	21	295	479	49	5.42	<0.5		
A0162828		2.41	23	121	20	279	312	37	4.08	<0.5		
A0162829		2.25	27	176	28	332	510	59	6.35	<0.5		
A0162830		2.27	21	83	18	274	508	56	6.44	<0.5		
A0162831		2.25	65	375	49	547	565	51	5.34	<0.5		
A0162832		2.37	87	486	74	584	638	62	6.43	<0.5		
A0162833		2.56	59	554	111	400	540	55	6.11	<0.5		
A0162834		2.29	31	309	83	298	503	63	7.01	<0.5		
A0162835		2.28	125	1240	209	678	733	61	6.36	<0.5		
A0162836		2.34	2	123	35	48	224	34	4.50	<0.5		
A0162837		2.33	116	3700	319	2390	1440	86	5.38	1.6		
A0162838		2.44	113	1480	161	857	800	68	5.82	<0.5		
A0162839		1.97	79	597	87	545	630	63	6.48	<0.5		
A0162840		2.44	18	97	28	213	423	62	8.13	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19172677

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
A0162841		1.47	<1	1	<5	2	1	1	13.30	<0.5		
A0162842		2.29	37	230	63	342	438	51	5.95	<0.5		
A0162843		2.24	12	421	40	256	368	44	5.04	<0.5		
A0162844		2.29	10	380	56	199	439	53	6.38	<0.5		
A0162845		2.64	44	282	63	286	485	65	7.92	<0.5		
A0162846		2.12	39	1740	219	532	851	65	6.89	<0.5		
A0162847		2.22	27	1170	109	372	742	55	4.82	<0.5		
A0162848		2.11	3	74	9	106	295	38	4.44	<0.5		
A0162849		2.28	34	1120	170	645	748	61	5.96	<0.5		
A0162850		2.27	1	186	38	58	373	49	6.20	<0.5		
A0162851		2.42	6	364	75	135	414	49	5.65	<0.5		
A0162852		2.36	14	655	131	221	380	44	5.56	<0.5		
A0162853		2.06	32	268	44	192	329	47	5.55	<0.5		
A0162854		2.03	16	116	19	139	311	49	5.70	<0.5		
A0162855		2.10	11	197	41	151	357	49	5.63	<0.5		
A0162856		2.00	21	445	45	350	391	53	5.82	<0.5		
A0162857		2.12	7	86	16	163	315	49	5.85	<0.5		
A0162858		2.08	4	86	24	182	292	46	5.34	<0.5		
A0162859		2.06	3	141	31	70	338	50	6.69	<0.5		
A0162860		2.04	5	232	50	110	293	44	5.26	<0.5		
A0162861		0.08	205	3340	785	>10000	>10000	962	4.04	3.8	15900	45600
A0162862		2.00	5	264	66	111	321	43	5.20	<0.5		
A0162863		2.02	1	229	61	42	278	31	3.95	<0.5		
A0162864		2.10	17	759	111	387	400	41	4.68	<0.5		
A0162865		1.94	5	128	54	62	271	36	4.87	<0.5		
A0162866		2.06	17	169	19	233	359	52	5.90	<0.5		
A0162867		2.04	39	352	54	416	440	54	5.96	<0.5		
A0162868		2.15	47	1200	119	1370	818	61	5.47	0.7		
A0162869		1.94	3	77	42	52	276	38	5.14	<0.5		
A0162870		2.05	6	344	54	212	323	41	5.26	<0.5		
A0162871		2.15	21	223	48	149	328	48	6.16	<0.5		
A0162872		2.08	33	440	69	227	427	64	7.20	<0.5		
A0162873		2.00	22	260	56	208	363	52	6.15	<0.5		
A0162874		1.94	7	118	24	92	248	43	5.00	<0.5		
A0162875		2.02	5	109	33	125	305	45	5.26	<0.5		
A0162876		1.94	14	232	54	274	443	55	6.37	<0.5		
A0162877		1.99	13	234	44	239	424	60	7.03	<0.5		
A0162878		0.07	63	611	291	4300	4020	107	3.78	1.7		

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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			