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: 13-APR-2019
Account: MZI

CERTIFICATE TB19077095

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 31-MAR-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
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 TB19077095

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
A0127887		0.72	1	1	<5	1	<1	1	14.75	<0.5		
A0127888		0.07	4750	2080	1320	82	81	60	0.25	0.9		
A0127889		2.76	12	29	21	523	230	91	5.32	<0.5		
A0127890		2.50	19	14	6	767	255	110	3.82	0.5		
A0127891		2.51	16	32	15	596	266	86	5.47	<0.5		
A0127892		2.78	19	22	16	170	344	64	8.01	<0.5		
A0127893		2.55	5	18	15	123	360	63	8.46	<0.5		
A0127894		3.06	6	33	26	341	501	84	8.43	<0.5		
A0127895		2.92	5	9	7	217	301	162	3.38	<0.5		
A0127896		2.10	12	22	11	641	294	87	4.03	<0.5		
A0127897		2.42	20	29	12	901	419	104	2.99	<0.5		
A0127898		2.51	16	23	10	937	413	108	3.45	<0.5		
A0127899		2.55	16	31	15	841	393	105	3.55	<0.5		
A0127900		2.57	12	38	17	794	404	105	3.81	<0.5		
A0127901		2.51	12	15	5	659	376	105	4.89	<0.5		
A0127902		2.36	15	21	7	823	402	106	3.39	<0.5		
A0127903		2.54	12	21	9	733	393	103	3.73	<0.5		
A0127904		2.36	13	29	13	806	446	114	4.02	<0.5		
A0127905		2.46	15	40	19	971	465	111	2.85	<0.5		
A0127906		2.48	11	47	22	871	488	116	3.91	<0.5		
A0127907		0.07	55	598	291	4380	4230	111	3.88	1.9		
A0127908		2.24	9	26	10	678	475	139	3.87	<0.5		
A0127909		2.39	13	24	10	723	433	124	5.10	<0.5		
A0127910		2.34	14	21	10	697	424	132	5.70	<0.5		
A0127911		2.31	11	23	12	823	448	135	4.46	<0.5		
A0127912		2.12	10	14	5	404	443	225	4.49	<0.5		
A0127913		2.28	15	43	23	819	511	142	5.35	<0.5		
A0127914		1.93	12	24	13	756	462	139	5.35	<0.5		
A0127915		2.90	14	20	9	713	489	154	4.47	<0.5		
A0127916		2.37	13	18	7	630	442	150	3.46	<0.5		
A0127917		2.24	19	30	11	877	516	149	5.28	<0.5		
A0127918		2.45	12	26	10	596	503	180	4.04	<0.5		
A0127919		2.21	15	29	15	694	467	144	4.65	<0.5		
A0127920		2.29	17	35	17	865	566	186	4.96	<0.5		
A0127921		2.10	20	35	16	950	494	148	4.80	<0.5		
A0127922		2.25	17	30	12	766	460	134	4.82	<0.5		
A0127923		2.05	17	36	14	935	532	150	4.59	<0.5		
A0127924		2.54	11	25	12	653	418	143	5.45	<0.5		
A0127925		2.22	22	36	12	741	511	122	4.07	<0.5		
A0127926		2.26	15	35	13	1000	538	132	4.77	<0.5		

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CERTIFICATE OF ANALYSIS TB19077095

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
A0127927		1.35	1	1	<5	5	4	1	13.45	<0.5		
A0127928		2.30	21	38	17	1100	543	137	3.08	<0.5		
A0127929		2.34	21	39	14	1140	513	127	3.45	<0.5		
A0127930		2.28	16	41	15	1140	526	128	4.60	<0.5		
A0127931		2.38	15	18	8	766	421	129	5.75	<0.5		
A0127932		2.37	14	26	12	638	434	138	4.58	<0.5		
A0127933		2.32	14	19	8	526	314	94	3.36	<0.5		
A0127934		2.24	11	17	7	674	434	135	5.12	<0.5		
A0127935		2.27	12	19	8	732	389	116	4.69	<0.5		
A0127936		2.37	17	24	13	872	434	120	4.02	<0.5		
A0127937		2.32	16	27	14	809	473	148	3.50	<0.5		
A0127938		2.28	21	29	14	887	547	146	5.32	<0.5		
A0127939		2.41	15	39	21	799	525	123	4.29	<0.5		
A0127940		2.32	41	26	14	787	503	153	3.63	<0.5		
A0127941		2.49	20	32	17	466	371	95	5.24	<0.5		
A0127942		2.24	17	34	14	638	308	81	4.53	<0.5		
A0127943		2.39	4	15	9	309	192	74	6.93	<0.5		
A0127944		2.38	11	29	17	718	408	120	7.91	<0.5		
A0127945		2.42	15	28	16	676	421	110	4.98	<0.5		
A0127946		2.38	20	41	15	955	593	129	4.71	<0.5		
A0127947		0.08	211	3510	810	>10000	>10000	949	3.93	3.8	15550	44300
A0127948		2.43	8	25	14	522	364	96	6.83	<0.5		
A0127949		2.53	11	37	16	821	490	114	5.29	<0.5		
A0127950		2.56	35	85	32	1310	697	137	4.65	<0.5		
A0127951		2.35	35	68	24	1420	654	140	4.61	<0.5		
A0127952		2.43	18	47	17	937	552	121	4.51	<0.5		
A0127953		2.06	16	54	22	928	551	108	4.60	<0.5		
A0127954		2.32	21	323	53	730	433	91	4.54	<0.5		
A0127955		2.35	32	455	68	611	625	75	4.07	<0.5		
A0127956		2.19	61	331	53	901	624	78	4.48	<0.5		
A0127957		2.34	52	254	47	882	600	86	5.19	<0.5		
A0127958		2.22	42	136	27	826	550	75	4.54	<0.5		
A0127959		2.10	51	159	35	786	567	76	4.98	<0.5		
A0127960		2.16	68	179	41	1130	712	76	3.70	<0.5		
A0127961		2.48	77	216	49	1050	741	86	5.02	<0.5		
A0127962		2.10	59	190	37	660	525	73	5.24	<0.5		
A0127963		2.21	72	201	38	954	595	73	4.77	<0.5		
A0127964		0.07	88	626	330	4440	4310	113	3.95	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			