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: 14-MAY-2019
Account: MZI

CERTIFICATE TB19101554

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 28-APR-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 TB19101554

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
A0147575		1.02	<1	<1	<5	2	2	1	12.75	<0.5		
A0147576		0.08	4310	1980	1315	84	83	62	0.25	0.9		
A0147577		1.82	4	3	<5	179	535	72	8.89	<0.5		
A0147578		2.50	14	169	21	292	616	73	8.24	<0.5		
A0147579		2.05	2	10	<5	100	442	68	8.63	<0.5		
A0147580		2.00	8	9	<5	167	551	64	7.36	<0.5		
A0147581		2.09	2	35	<5	77	312	48	5.36	<0.5		
A0147582		2.17	2	48	10	87	322	46	5.06	<0.5		
A0147583		2.15	5	2	<5	259	369	55	5.43	<0.5		
A0147584		2.47	<1	1	<5	89	276	45	5.27	<0.5		
A0147585		2.27	6	<1	<5	151	275	46	5.00	<0.5		
A0147586		2.24	7	3	<5	208	335	48	4.89	<0.5		
A0147587		3.08	5	30	<5	127	271	46	5.06	<0.5		
A0147588		1.82	10	76	8	225	443	55	5.77	<0.5		
A0147589		2.02	20	11	<5	412	561	68	7.27	<0.5		
A0147590		2.01	17	97	12	415	713	70	7.33	<0.5		
A0147591		2.32	28	20	7	646	833	66	6.30	<0.5		
A0147592		2.51	30	100	16	655	891	65	5.77	<0.5		
A0147593		2.29	51	84	19	1075	1310	64	4.62	<0.5		
A0147594		2.22	17	64	7	461	707	58	5.22	<0.5		
A0147595		0.07	58	620	299	4350	4270	113	3.83	2.0		
A0147596		2.32	3	2	<5	137	410	60	6.76	<0.5		
A0147597		2.42	1	2	<5	91	431	79	9.80	<0.5		
A0147598		2.51	2	23	<5	86	362	64	7.74	<0.5		
A0147599		2.46	4	16	<5	130	340	60	6.93	<0.5		
A0147600		2.18	10	34	<5	210	392	65	7.71	<0.5		
A0147601		2.28	3	6	<5	116	379	63	7.79	<0.5		
A0147602		2.25	3	31	<5	121	398	61	6.88	<0.5		
A0147603		1.99	1	4	<5	87	339	56	6.50	<0.5		
A0147604		2.20	9	3	<5	365	590	59	6.26	<0.5		
A0147605		2.31	8	4	<5	407	586	56	5.54	<0.5		
A0147606		1.72	5	1	<5	282	442	64	7.51	<0.5		
A0147607		2.86	2	41	<5	182	374	73	5.30	<0.5		
A0147608		2.20	3	3	<5	202	344	62	7.46	<0.5		
A0147609		2.38	3	29	<5	189	450	69	9.62	<0.5		
A0147610		2.27	5	7	<5	153	260	44	5.28	<0.5		
A0147611		2.12	11	50	8	308	413	59	6.29	<0.5		
A0147612		2.24	16	56	7	393	343	52	5.11	<0.5		
A0147613		2.07	12	15	<5	452	453	54	4.94	<0.5		
A0147614		2.17	7	90	6	232	328	43	5.18	<0.5		

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Finalized Date: 14-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19101554

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
A0147615		1.03	<1	<1	<5	4	9	<1	12.90	<0.5		
A0147616		2.34	7	9	<5	207	373	54	6.15	<0.5		
A0147617		2.47	9	70	6	336	456	65	6.86	<0.5		
A0147618		2.32	7	3	<5	429	534	72	6.26	<0.5		
A0147619		2.05	2	2	<5	148	415	67	8.05	<0.5		
A0147620		2.12	2	<1	<5	144	424	67	8.47	<0.5		
A0147621		2.11	7	97	11	244	429	60	6.46	<0.5		
A0147622		2.35	<1	6	<5	64	380	68	8.74	<0.5		
A0147623		2.03	1	34	<5	69	277	46	5.58	<0.5		
A0147624		2.22	3	<1	<5	125	270	47	5.48	<0.5		
A0147625		2.16	4	2	<5	208	402	69	7.76	<0.5		
A0147626		2.21	15	38	<5	175	433	78	10.05	<0.5		
A0147627		2.13	2	10	<5	138	384	66	8.17	<0.5		
A0147628		2.01	9	34	<5	269	406	62	6.87	<0.5		
A0147629		2.38	23	51	<5	413	582	80	8.12	<0.5		
A0147630		2.24	14	26	<5	399	624	85	8.79	<0.5		
A0147631		2.18	5	2	<5	176	361	67	7.37	<0.5		
A0147632		2.32	10	2	<5	177	227	45	4.31	<0.5		
A0147633		2.01	4	3	<5	62	318	48	4.90	<0.5		
A0147634		2.54	15	34	<5	346	477	68	6.44	<0.5		
A0147635		0.08	260	3330	780	>10000	>10000	1015	4.14	3.9	16650	46500
A0147636		2.31	21	52	7	556	669	77	7.31	<0.5		
A0147637		2.37	15	28	<5	403	610	76	7.75	<0.5		
A0147638		1.97	8	9	<5	304	551	72	8.16	<0.5		
A0147639		2.62	8	7	<5	357	605	75	8.46	<0.5		
A0147640		2.47	15	6	<5	355	506	74	6.95	<0.5		
A0147641		2.43	15	17	<5	267	304	54	5.48	<0.5		
A0147642		1.94	16	4	<5	279	243	46	4.70	<0.5		
A0147643		2.19	5	2	<5	125	264	54	5.31	<0.5		
A0147644		2.48	5	9	<5	153	317	75	6.85	<0.5		
A0147645		2.09	16	143	14	280	375	66	5.64	<0.5		
A0147646		2.07	17	36	5	356	417	81	6.59	<0.5		
A0147647		2.26	5	4	<5	164	310	68	5.95	<0.5		
A0147648		2.03	17	10	<5	680	856	86	6.64	<0.5		
A0147649		2.06	10	24	<5	528	597	60	5.82	<0.5		
A0147650		2.29	4	3	<5	305	374	51	5.16	<0.5		
A0147651		2.27	1	2	<5	130	227	46	5.02	<0.5		
A0147652		0.07	81	607	337	4460	4220	113	3.82	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			