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: 3-JUN-2019
Account: MZI

CERTIFICATE TB19121296

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 19-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK DAVE PECK	DENIS DECHARTE LDIM WEBTRIEVE	CLAIRE MCGUINNESS

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 TB19121296

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
A0160383		2.16	<1	1	<5	2	1	1	13.00	<0.5		
A0160384		0.08	4620	2020	1300	86	84	61	0.26	1.0		
A0160385		2.22	<1	55	9	10	127	24	1.85	<0.5		
A0160386		2.37	13	111	20	225	312	54	4.65	<0.5		
A0160387		2.48	68	462	57	849	675	66	4.91	0.7		
A0160388		2.13	124	577	80	1310	812	76	4.71	1.0		
A0160389		2.47	65	476	64	990	681	70	4.80	0.7		
A0160390		2.57	53	502	60	853	704	69	4.66	<0.5		
A0160391		2.28	85	626	75	951	795	73	4.63	0.7		
A0160392		2.56	97	611	80	1040	778	72	4.78	0.5		
A0160393		2.54	45	267	40	504	321	81	4.34	<0.5		
A0160394		2.42	61	338	50	793	631	74	4.73	0.5		
A0160395		2.51	57	241	32	725	564	65	4.72	<0.5		
A0160396		2.35	20	64	12	291	457	58	6.73	<0.5		
A0160397		2.43	15	15	<5	227	273	47	4.42	<0.5		
A0160398		2.35	41	209	27	478	415	56	4.42	0.5		
A0160399		2.49	60	364	44	651	544	60	4.78	0.6		
A0160400		2.45	70	478	63	1060	812	78	5.02	1.0		
A0160401		2.60	37	99	13	588	488	64	4.86	<0.5		
A0160402		2.37	45	224	39	617	577	69	5.20	<0.5		
A0160403		0.07	72	589	299	4390	4150	110	3.84	1.9		
A0160404		2.44	35	172	33	410	433	67	5.30	<0.5		
A0160405		2.28	67	457	65	598	564	77	5.84	0.5		
A0160406		2.37	53	458	65	623	459	60	4.96	<0.5		
A0160407		2.31	41	382	40	598	434	52	3.06	<0.5		
A0160408		2.40	38	698	73	613	501	58	3.78	<0.5		
A0160409		2.02	20	790	88	520	479	64	4.33	<0.5		
A0160410		2.11	17	495	65	602	449	65	4.03	<0.5		
A0160411		1.97	5	368	52	671	545	63	4.37	0.6		
A0160412		1.96	64	374	46	779	673	64	3.45	0.8		
A0160413		1.94	42	496	67	1720	942	72	3.73	0.8		
A0160414		2.53	23	344	49	473	407	51	3.57	<0.5		
A0160415		1.79	240	7	<5	62	31	9	0.27	<0.5		
A0160416		1.88	52	610	65	598	543	67	5.27	<0.5		
A0160417		2.00	74	839	94	1010	889	86	4.85	0.5		
A0160418		2.06	39	213	31	539	508	64	4.77	0.5		
A0160419		1.96	59	598	76	1030	758	77	4.48	0.6		
A0160420		2.13	51	410	61	689	715	76	5.08	<0.5		
A0160421		2.26	21	176	39	243	341	60	4.74	<0.5		
A0160422		2.20	19	40	12	430	382	60	4.62	<0.5		

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CERTIFICATE OF ANALYSIS TB19121296

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
A0160423		1.32	<1	<1	<5	2	2	2	13.50	<0.5		
A0160424		2.21	22	63	22	387	388	65	5.37	<0.5		
A0160425		2.07	4	52	13	72	201	43	3.53	<0.5		
A0160426		2.33	26	57	14	491	385	69	5.51	<0.5		
A0160427		2.31	10	53	12	308	399	64	5.55	<0.5		
A0160428		2.14	24	137	28	348	363	64	5.12	<0.5		
A0160429		2.20	140	946	134	2090	1205	95	3.73	1.1		
A0160430		2.21	48	377	63	658	513	59	3.64	<0.5		
A0160431		1.98	18	127	30	212	245	49	3.44	<0.5		
A0160432		2.12	33	160	32	390	323	55	3.96	<0.5		
A0160433		1.93	72	672	78	710	527	72	3.26	0.6		
A0160434		2.05	96	434	64	1090	734	80	5.11	0.8		
A0160435		2.26	41	666	85	652	601	58	3.30	0.5		
A0160436		2.24	25	155	21	392	320	46	3.07	0.5		
A0160437		2.20	14	102	16	423	331	44	2.96	<0.5		
A0160438		2.22	58	347	50	1500	951	86	4.10	1.3		
A0160439		2.29	54	205	35	804	579	68	4.81	<0.5		
A0160440		2.07	133	730	106	1530	940	79	4.87	0.7		
A0160441		2.15	29	251	46	428	535	64	4.95	<0.5		
A0160442		2.13	12	85	33	137	301	58	5.32	<0.5		
A0160443		0.08	291	3470	809	>10000	>10000	980	4.11	3.9	16150	46600
A0160444		2.17	9	88	18	92	322	59	5.36	<0.5		
A0160445		2.06	7	114	28	85	303	60	5.33	<0.5		
A0160446		2.46	9	137	28	102	304	65	6.04	<0.5		
A0160447		2.23	7	121	27	97	282	62	5.69	<0.5		
A0160448		2.08	4	94	15	79	271	63	5.64	<0.5		
A0160449		2.29	6	103	22	63	293	58	5.22	<0.5		
A0160450		2.13	7	90	15	82	307	61	5.69	<0.5		
A0160451		2.21	5	99	19	102	284	61	5.69	<0.5		
A0160452		2.18	4	92	17	86	278	61	5.49	<0.5		
A0160453		2.10	3	89	15	84	285	61	5.52	<0.5		
A0160454		2.19	4	109	21	97	296	62	5.49	<0.5		
A0160455		2.09	2	93	16	64	269	63	5.63	<0.5		
A0160456		2.19	2	71	14	80	304	69	6.30	<0.5		
A0160457		2.36	3	164	31	89	293	64	5.71	<0.5		
A0160458		2.13	4	125	21	56	278	65	5.54	<0.5		
A0160459		2.11	2	123	21	84	281	67	5.83	<0.5		
A0160460		0.07	69	605	300	4670	4430	114	3.98	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			