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: 19-FEB-2019
Account: MZI

CERTIFICATE TB19031413

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 7-FEB-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER 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 TB19031413

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
X095320		2.48	<1	2	<5	3	4	2	14.00	<0.5		
X095321		0.08	4890	2020	1300	87	83	61	0.27	1.0		
X095322		2.03	5	38	<5	113	377	53	7.07	<0.5		
X095323		2.03	14	191	18	243	453	50	7.08	<0.5		
X095324		1.90	3	6	<5	40	337	56	6.68	<0.5		
X095325		2.02	4	5	<5	123	440	55	7.90	<0.5		
X095326		2.23	9	22	<5	252	492	65	8.23	<0.5		
X095327		2.17	10	67	8	250	577	74	9.77	<0.5		
X095328		2.46	6	25	<5	309	650	70	9.72	0.6		
X095329		2.61	4	4	<5	168	535	72	10.25	<0.5		
X095330		2.31	3	54	6	168	532	69	10.05	<0.5		
X095331		2.25	1	2	<5	113	408	58	7.98	<0.5		
X095332		2.27	19	86	11	696	1010	79	8.90	1.6		
X095333		2.42	6	5	<5	195	632	60	7.75	<0.5		
X095334		2.46	15	33	8	617	1240	89	10.50	0.6		
X095335		2.42	9	22	<5	400	823	79	10.25	0.5		
X095336		2.35	3	9	<5	143	538	68	9.62	<0.5		
X095337		2.40	12	36	7	316	866	74	8.63	<0.5		
X095338		2.30	5	29	6	110	953	67	6.30	<0.5		
X095339		2.29	<1	8	<5	25	477	44	5.09	<0.5		
X095340		0.07	86	608	341	4530	4390	114	3.99	1.9		
X095341		2.39	<1	8	<5	46	410	38	4.34	<0.5		
X095342		1.95	2	8	<5	100	465	52	5.96	<0.5		
X095343		1.46	15	2	<5	359	124	34	2.43	<0.5		
X095344		1.93	5	2	<5	210	72	32	2.00	<0.5		
X095345		2.13	7	2	<5	224	49	22	1.08	<0.5		
X095346		1.55	2	18	<5	65	587	73	9.10	<0.5		
X095347		2.48	1	1	<5	79	598	77	9.40	<0.5		
X095348		2.61	4	2	<5	162	632	81	9.37	<0.5		
X095349		2.51	12	183	20	282	751	80	9.44	<0.5		
X095350		1.56	2	15	<5	97	64	32	2.10	<0.5		
X095351		3.16	32	227	25	659	647	59	4.53	<0.5		
X095352		2.36	19	244	22	296	517	52	4.96	<0.5		
X095353		2.60	15	28	6	435	631	70	7.35	<0.5		
X095354		2.43	12	10	<5	375	658	73	7.91	<0.5		
X095355		2.40	27	9	5	782	907	85	8.62	<0.5		
X095356		2.35	25	13	<5	820	981	81	7.79	<0.5		
X095357		2.67	16	7	<5	432	557	54	4.94	<0.5		
X095358		2.05	15	7	<5	580	635	71	5.43	<0.5		
X095359		2.12	20	17	<5	653	531	63	4.81	<0.5		

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Finalized Date: 19-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19031413

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
X095360		1.76	<1	<1	<5	2	2	1	12.55	<0.5		
X095361		1.78	29	28	<5	504	313	61	4.38	<0.5		
X095362		2.86	12	15	<5	287	441	60	5.66	<0.5		
X095363		2.66	9	16	5	243	495	56	5.50	<0.5		
X095364		2.80	6	5	<5	201	407	51	5.60	<0.5		
X095365		2.31	14	10	<5	324	499	53	4.83	<0.5		
X095366		2.70	23	91	11	599	442	63	4.49	<0.5		
X095367		2.53	11	27	6	330	426	67	7.29	<0.5		
X095368		2.88	1	16	<5	113	307	47	4.91	<0.5		
X095369		2.62	3	15	<5	145	402	50	5.35	<0.5		
X095370		3.22	8	5	6	264	408	52	5.62	<0.5		
X095371		2.72	18	305	32	475	529	68	5.19	<0.5		
X095372		2.69	15	54	6	254	294	49	5.45	<0.5		
X095373		2.55	13	150	14	258	340	48	4.86	<0.5		
X095374		2.64	66	262	22	862	759	85	6.92	<0.5		
X095375		2.64	3	11	<5	130	302	48	5.68	<0.5		
X095376		2.66	6	39	5	185	314	48	5.32	<0.5		
X095377		2.83	13	46	6	337	389	55	5.78	<0.5		
X095378		2.73	7	37	<5	241	325	47	5.43	<0.5		
X095379		2.59	8	81	9	198	375	48	5.20	<0.5		
X095380		0.08	266	3540	801	>10000	>10000	972	4.12	3.9	16300	46300
X095381		2.64	22	70	7	455	425	50	5.18	<0.5		
X095382		2.73	18	68	9	422	398	52	5.32	<0.5		
X095383		2.72	3	125	10	86	338	51	5.77	<0.5		
X095384		2.71	5	40	<5	194	387	49	4.63	<0.5		
X095385		2.71	49	233	23	851	603	65	5.19	<0.5		
X095386		2.67	35	169	9	696	549	53	4.37	<0.5		
X095387		2.68	17	3	<5	346	388	48	5.37	<0.5		
X095388		2.71	3	1	<5	148	386	72	9.15	<0.5		
X095389		2.55	6	4	<5	260	456	67	7.74	<0.5		
X095390		2.72	8	8	5	759	853	85	5.98	0.6		
X095391		2.06	21	14	<5	500	407	46	4.72	<0.5		
X095392		1.98	3	16	5	186	334	43	5.16	<0.5		
X095393		3.05	20	116	<5	686	611	68	5.16	<0.5		
X095394		2.87	3	3	<5	326	439	60	5.39	<0.5		
X095395		2.76	3	3	<5	251	353	55	5.17	<0.5		
X095396		3.01	5	14	<5	281	460	61	5.55	<0.5		
X095397		0.08	86	601	310	4500	4380	112	3.99	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			