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: 21-JUN-2019
Account: MZI

CERTIFICATE TB19139993

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 8-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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 TB19139993

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
A0161319		1.29	<1	<1	<5	2	<1	2	13.85	<0.5		
A0161320		0.08	4740	2020	1290	90	90	64	0.27	1.0		
A0161321		2.80	5	212	40	65	217	31	2.52	<0.5		
A0161322		2.52	<1	90	23	24	257	48	4.52	<0.5		
A0161323		2.72	7	330	100	74	217	42	3.56	<0.5		
A0161324		2.90	9	236	27	113	206	41	2.99	<0.5		
A0161325		2.25	28	281	46	364	603	96	8.37	0.5		
A0161326		2.46	47	400	67	431	622	95	8.35	<0.5		
A0161327		2.69	11	416	57	107	193	41	3.21	<0.5		
A0161328		1.97	1	51	<5	29	136	36	3.00	<0.5		
A0161329		3.37	1	81	<5	31	130	38	3.03	<0.5		
A0161330		2.55	1	47	<5	34	166	51	4.14	<0.5		
A0161331		1.88	7	206	26	129	197	50	4.01	<0.5		
A0161332		3.05	19	245	44	209	268	59	4.42	<0.5		
A0161333		2.55	1	33	<5	34	131	43	3.47	<0.5		
A0161334		1.97	19	248	60	229	261	63	4.71	<0.5		
A0161335		2.82	17	89	28	323	335	83	6.25	<0.5		
A0161336		3.17	15	83	25	251	242	80	5.77	<0.5		
A0161337		2.49	2	26	9	98	99	49	3.59	<0.5		
A0161338		2.96	11	89	15	373	176	74	4.02	<0.5		
A0161339		0.07	110	603	302	4580	4450	115	3.93	1.9		
A0161340		2.69	8	103	20	278	215	67	4.07	<0.5		
A0161341		2.60	40	416	62	572	353	94	4.65	<0.5		
A0161342		2.66	27	581	61	675	628	98	4.58	<0.5		
A0161343		2.42	28	52	14	972	629	108	4.27	0.6		
A0161344		2.65	32	553	53	916	599	108	5.11	0.5		
A0161345		2.27	46	547	84	909	488	93	4.22	0.5		
A0161346		2.17	33	778	79	316	633	77	5.07	<0.5		
A0161347		2.23	14	53	7	438	347	95	5.55	0.5		
A0161348		2.19	20	110	15	598	408	113	5.46	<0.5		
A0161349		2.29	14	84	17	430	257	88	5.39	<0.5		
A0161350		2.68	14	120	21	525	344	98	4.98	<0.5		
A0161351		2.70	8	47	12	519	367	92	3.34	<0.5		
A0161352		1.83	8	14	6	514	353	136	3.87	<0.5		
A0161353		2.13	2	6	<5	270	321	174	2.95	<0.5		
A0161354		2.57	6	34	6	336	349	157	3.16	<0.5		
A0161355		2.45	9	30	12	482	438	116	3.28	<0.5		
A0161356		2.49	5	13	7	405	307	138	4.49	0.5		
A0161357		2.48	8	15	8	435	279	116	4.44	<0.5		
A0161358		2.50	11	15	9	578	343	121	4.26	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19139993

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
A0161359		2.11	<1	1	<5	2	<1	1	13.65	<0.5		
A0161360		2.26	21	111	23	952	506	91	4.57	0.6		
A0161361		2.21	13	137	26	356	257	82	5.38	<0.5		
A0161362		2.28	24	142	27	550	485	77	4.87	0.5		
A0161363		2.31	9	94	16	159	254	61	5.06	<0.5		
A0161364		2.27	21	83	20	373	387	73	5.26	<0.5		
A0161365		2.30	17	129	38	225	289	60	4.68	<0.5		
A0161366		2.42	23	150	35	278	354	65	4.93	<0.5		
A0161367		2.12	22	164	45	300	346	72	5.10	<0.5		
A0161368		2.19	12	94	34	188	298	71	5.18	<0.5		
A0161369		2.39	7	68	16	130	190	55	4.01	<0.5		
A0161370		2.11	10	39	6	200	164	44	2.01	<0.5		
A0161371		2.49	9	2690	521	68	286	67	5.10	<0.5		
A0161372		2.31	7	359	67	52	263	54	4.43	<0.5		
A0161373		2.24	15	190	42	121	255	56	4.32	<0.5		
A0161374		2.40	18	203	34	108	313	49	4.09	<0.5		
A0161375		2.40	11	38	7	134	245	53	4.35	<0.5		
A0161376		2.40	25	233	30	102	289	46	4.12	<0.5		
A0161377		2.28	64	867	77	264	333	62	4.57	<0.5		
A0161378		2.41	11	73	13	115	192	54	3.98	<0.5		
A0161379		0.08	275	3390	799	>10000	>10000	945	3.93	4.2	16500	46900
A0161380		2.07	7	145	38	67	199	48	3.48	<0.5		
A0161381		2.14	4	50	<5	39	194	51	3.76	<0.5		
A0161382		2.24	3	55	<5	16	201	53	4.22	<0.5		
A0161383		2.22	2	55	<5	19	218	56	4.40	<0.5		
A0161384		2.31	7	84	<5	28	227	54	3.96	<0.5		
A0161385		2.29	4	24	<5	36	168	48	3.49	<0.5		
A0161386		2.29	4	17	<5	9	192	52	3.91	<0.5		
A0161387		2.13	3	28	5	10	191	48	3.69	<0.5		
A0161388		2.29	10	366	50	140	389	73	5.18	<0.5		
A0161389		2.33	2	15	<5	27	281	55	4.68	<0.5		
A0161390		2.39	1	15	<5	16	243	51	4.24	<0.5		
A0161391		2.22	2	17	5	14	271	59	4.94	<0.5		
A0161392		2.31	2	12	<5	26	269	58	4.99	<0.5		
A0161393		2.24	1	12	<5	9	273	57	5.11	<0.5		
A0161394		2.26	1	15	<5	6	275	57	5.25	<0.5		
A0161395		1.76	2	8	<5	33	312	65	5.17	<0.5		
A0161396		0.07	81	580	303	4500	4530	118	4.14	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			