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: 17-MAY-2019
Account: MZI

CERTIFICATE TB19107711

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 5-MAY-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 TB19107711

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
A0128355		2.62	<1	<1	<5	8	4	1	13.80	<0.5		
A0128356		0.08	4970	2010	1280	88	85	65	0.27	0.7		
A0128357		2.36	<1	12	<5	14	196	62	5.56	<0.5		
A0128358		2.29	1	8	<5	14	192	63	5.50	<0.5		
A0128359		2.66	1	8	6	13	182	64	5.71	<0.5		
A0128360		2.13	<1	4	5	14	182	67	5.79	<0.5		
A0128361		2.44	1	6	<5	28	179	70	5.77	<0.5		
A0128362		2.40	2	135	31	23	244	61	5.46	<0.5		
A0128363		2.36	2	159	51	13	292	62	5.78	<0.5		
A0128364		2.20	4	223	164	13	293	62	5.52	<0.5		
A0128365		1.91	<1	87	60	12	292	65	6.02	<0.5		
A0128366		2.41	<1	26	8	8	266	61	5.44	<0.5		
A0128367		2.27	<1	22	<5	8	235	56	4.98	<0.5		
A0128368		2.34	<1	21	<5	15	201	55	4.61	<0.5		
A0128369		2.68	<1	24	<5	27	238	73	5.86	<0.5		
A0128370		2.21	<1	18	<5	16	248	71	6.27	<0.5		
A0128371		2.11	2	24	<5	15	231	58	5.44	0.5		
A0128372		2.66	<1	37	18	10	260	65	6.09	<0.5		
A0128373		2.22	<1	19	<5	9	238	57	5.80	<0.5		
A0128374		2.55	2	31	<5	42	273	59	5.69	<0.5		
A0128375		0.07	73	575	308	4410	4300	112	3.89	2.1		
A0128376		2.34	<1	17	<5	20	250	57	5.49	<0.5		
A0128377		2.32	<1	14	<5	14	233	55	5.26	<0.5		
A0128378		2.25	<1	17	<5	11	226	54	5.20	<0.5		
A0128379		2.83	<1	10	<5	14	235	57	5.24	0.5		
A0128380		2.38	<1	9	<5	15	228	57	5.26	<0.5		
A0128381		2.75	<1	9	<5	10	259	59	5.53	<0.5		
A0128382		1.88	1	8	<5	15	233	48	4.14	<0.5		
A0128383		2.26	<1	<1	<5	22	382	65	3.73	<0.5		
A0128384		2.72	1	1	<5	22	351	61	3.96	<0.5		
A0128385		2.54	2	21	8	43	552	72	4.34	<0.5		
A0128386		2.63	1	5	6	15	575	72	4.12	<0.5		
A0128387		2.45	1	1	5	20	271	50	3.99	<0.5		
A0128388		2.59	5	3	7	16	262	49	4.03	0.5		
A0128389		2.47	2	8	5	70	142	67	3.56	0.5		
A0128390		2.65	2	3	<5	37	295	52	4.24	0.5		
A0128391		2.38	1	1	<5	16	322	55	4.37	<0.5		
A0128392		2.72	1	1	<5	9	234	48	4.10	<0.5		
A0128393		2.12	1	3	<5	9	207	47	4.38	<0.5		
A0128394		2.61	1	4	<5	12	219	47	4.02	<0.5		

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Finalized Date: 17-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19107711

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
A0128395		1.49	<1	1	<5	1	4	<1	12.20	<0.5		
A0128396		2.76	<1	5	<5	15	226	45	4.09	<0.5		
A0128397		2.69	1	4	<5	26	216	44	3.92	<0.5		
A0128398		2.41	7	17	5	225	292	45	3.98	<0.5		
A0128399		2.71	<1	20	<5	34	219	48	4.24	0.5		
A0128400		2.41	3	47	9	89	254	52	4.74	0.6		
A0128401		2.64	1	27	8	32	208	49	4.65	0.5		
A0128402		2.76	2	25	10	45	210	47	4.47	<0.5		
A0128403		2.79	18	26	11	92	253	53	4.77	<0.5		
A0128404		2.34	4	20	14	356	386	82	6.36	0.7		
A0128405		2.26	23	119	58	320	469	70	6.30	<0.5		
A0128406		2.48	5	39	19	88	460	60	7.60	0.6		
A0128407		2.53	7	27	7	81	279	57	4.78	<0.5		
A0128408		2.38	5	16	5	55	219	50	4.55	<0.5		
A0128409		2.52	8	33	11	72	239	53	4.47	<0.5		
A0128410		2.48	44	388	80	160	274	50	4.09	<0.5		
A0128411		2.74	15	271	47	97	265	57	4.86	<0.5		
A0128412		1.46	<1	30	14	27	109	20	1.62	<0.5		
A0128413		2.86	6	121	51	51	307	55	5.28	<0.5		
A0128414		2.66	2	106	42	65	208	46	3.88	<0.5		
A0128415		0.08	258	3170	740	>10000	>10000	983	4.03	3.9	15600	44700
A0128416		2.54	7	271	68	118	343	66	6.19	<0.5		
A0128417		2.50	5	140	48	88	279	60	6.05	<0.5		
A0128418		2.41	6	108	52	84	247	57	5.00	<0.5		
A0128419		3.09	6	98	43	77	230	52	4.75	<0.5		
A0128420		2.83	14	79	45	62	235	52	4.68	<0.5		
A0128421		2.48	2	13	<5	88	152	40	4.03	<0.5		
A0128422		2.36	3	14	6	109	150	39	3.92	<0.5		
A0128423		2.36	7	13	5	220	165	41	4.11	<0.5		
A0128424		2.34	6	16	6	190	172	41	4.37	<0.5		
A0128425		2.36	5	12	<5	138	164	40	4.27	<0.5		
A0128426		2.42	5	13	6	118	154	42	4.47	<0.5		
A0128427		2.43	5	14	6	156	172	43	4.60	<0.5		
A0128428		2.57	6	15	6	151	186	43	4.79	<0.5		
A0128429		1.85	6	31	7	150	212	47	4.82	<0.5		
A0128430		2.83	64	581	98	465	629	86	8.72	<0.5		
A0128431		2.93	42	415	132	251	423	79	6.96	<0.5		
A0128432		0.07	85	567	287	4590	4390	119	4.00	2.3		

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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			