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: 27-JUN-2019
Account: MZI

CERTIFICATE TB19144656

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 14-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
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 TB19144656

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
A0161007		1.39	1	1	<5	<1	<1	<1	13.75	<0.5		
A0161008		0.08	4630	2000	1260	86	86	62	0.25	0.8		
A0161009		2.57	1	27	<5	9	179	43	3.22	<0.5		
A0161010		2.76	1	29	<5	16	180	43	3.22	<0.5		
A0161011		2.53	1	21	<5	6	149	35	2.65	<0.5		
A0161012		2.52	1	24	<5	17	155	36	2.81	<0.5		
A0161013		2.50	3	22	<5	6	155	37	2.81	<0.5		
A0161014		2.45	<1	21	<5	6	146	35	2.58	<0.5		
A0161015		2.55	1	25	<5	7	148	36	2.56	<0.5		
A0161016		2.62	2	21	<5	14	142	34	2.49	<0.5		
A0161017		2.42	1	20	<5	16	131	31	2.23	<0.5		
A0161018		2.67	1	20	<5	16	122	30	2.16	<0.5		
A0161019		2.59	1	21	<5	20	144	35	2.62	<0.5		
A0161020		2.76	<1	6	<5	5	459	111	9.63	<0.5		
A0161021		2.59	1	9	<5	11	309	76	5.88	<0.5		
A0161022		2.55	<1	11	<5	13	251	60	4.79	<0.5		
A0161023		2.61	<1	16	<5	9	248	59	4.69	<0.5		
A0161024		2.60	<1	15	<5	8	246	60	4.72	<0.5		
A0161025		2.87	1	15	<5	17	207	50	3.93	<0.5		
A0161026		2.57	1	19	<5	10	229	55	4.40	<0.5		
A0161027		0.07	91	612	293	4530	4640	119	3.93	1.5		
A0161028		2.73	1	16	<5	13	247	57	4.57	<0.5		
A0161029		2.38	1	18	<5	13	228	53	4.22	<0.5		
A0161030		2.57	1	18	<5	22	166	42	3.11	<0.5		
A0161031		2.74	1	23	<5	24	127	32	2.16	<0.5		
A0161032		2.66	1	23	<5	20	130	32	2.19	<0.5		
A0161033		2.38	<1	21	<5	15	139	37	2.51	<0.5		
A0161034		2.43	1	22	<5	20	164	43	3.13	<0.5		
A0161035		2.40	1	17	<5	18	163	41	3.02	<0.5		
A0161036		2.48	1	19	<5	13	191	45	3.60	<0.5		
A0161037		2.27	1	20	<5	23	191	48	3.64	<0.5		
A0161038		2.17	2	20	<5	26	192	48	3.64	<0.5		
A0161039		2.53	1	21	<5	16	216	52	4.20	<0.5		
A0161040		2.44	1	21	<5	17	187	45	3.54	<0.5		
A0161041		2.60	1	38	<5	14	187	46	3.55	<0.5		
A0161042		2.28	1	21	<5	17	181	46	3.42	<0.5		
A0161043		2.61	2	21	<5	24	193	50	3.67	<0.5		
A0161044		1.91	1	21	<5	14	173	44	3.32	<0.5		
A0161045		2.41	1	21	<5	13	175	45	3.32	<0.5		
A0161046		2.49	1	22	<5	14	197	51	3.79	<0.5		

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Finalized Date: 27-JUN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19144656

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
A0161047		1.37	<1	1	<5	1	1	2	13.50	<0.5		
A0161048		2.60	10	22	<5	14	178	46	3.44	<0.5		
A0161049		2.47	2	22	<5	16	204	51	3.85	<0.5		
A0161050		2.31	1	20	<5	15	181	48	3.49	<0.5		
A0161051		2.70	1	20	<5	19	201	50	3.69	<0.5		
A0161052		2.30	2	20	<5	12	208	53	3.98	<0.5		
A0161053		2.54	2	22	<5	12	196	49	3.73	<0.5		
A0161054		2.70	<1	20	<5	12	206	51	3.89	<0.5		
A0161055		2.32	1	21	<5	11	183	48	3.42	<0.5		
A0161056		2.37	2	22	<5	16	206	53	3.97	<0.5		
A0161057		2.85	2	29	<5	15	130	33	2.34	<0.5		
A0161058		2.30	1	29	<5	12	156	41	2.93	<0.5		
A0161059		2.26	1	28	9	10	125	34	2.33	<0.5		
A0161060		2.37	<1	30	11	16	153	41	2.85	<0.5		
A0161061		2.31	4	27	6	24	157	42	2.86	<0.5		
A0161062		2.32	6	26	<5	42	164	43	2.98	<0.5		
A0161063		2.10	5	30	<5	74	138	38	2.43	<0.5		
A0161064		2.44	2	21	<5	35	193	50	3.60	<0.5		
A0161065		2.36	1	20	<5	32	202	50	3.77	<0.5		
A0161066		2.29	1	23	<5	18	196	48	3.72	<0.5		
A0161067		0.08	240	3420	755	>10000	>10000	1005	4.24	4.5	15900	45000
A0161068		2.13	1	23	<5	35	213	50	3.66	<0.5		
A0161069		2.32	1	22	<5	27	220	52	3.86	<0.5		
A0161070		2.28	2	26	<5	27	142	39	2.63	<0.5		
A0161071		1.81	1	27	<5	45	217	44	3.16	<0.5		
A0161072		2.06	1	30	<5	40	171	43	2.99	<0.5		
A0161073		1.55	1	30	<5	25	152	39	2.82	<0.5		
A0161074		1.57	<1	27	<5	12	154	40	2.84	<0.5		
A0161075		1.47	<1	4	<5	6	31	10	0.65	<0.5		
A0161076		2.11	1	29	<5	12	108	29	1.79	<0.5		
A0161077		2.06	5	31	<5	26	175	44	3.16	<0.5		
A0161078		2.20	1	33	<5	30	186	49	3.48	<0.5		
A0161079		2.13	1	38	<5	27	175	45	3.27	<0.5		
A0161080		2.21	3	41	<5	41	189	49	3.42	<0.5		
A0161081		2.16	3	45	<5	27	195	46	3.51	<0.5		
A0161082		2.16	2	47	<5	22	221	51	3.92	<0.5		
A0161083		2.28	2	58	<5	23	209	45	3.38	<0.5		
A0161084		0.07	63	636	295	4480	4370	113	3.88	1.6		

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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			