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: 18-MAY-2019
Account: MZI

CERTIFICATE TB19107720

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 TB19107720

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
A0128277		1.54	<1	<1	<5	1	5	1	12.90	<0.5		
A0128278		0.07	4930	2060	1320	91	89	64	0.27	0.6		
A0128279		2.42	1	63	7	82	185	56	4.05	<0.5		
A0128280		2.41	<1	62	<5	36	117	37	2.28	<0.5		
A0128281		2.44	<1	67	6	33	162	48	3.36	<0.5		
A0128282		2.28	1	69	9	36	164	47	3.36	<0.5		
A0128283		2.40	1	79	<5	34	169	49	3.45	<0.5		
A0128284		2.32	1	89	<5	32	167	44	3.28	<0.5		
A0128285		2.43	2	63	5	45	169	46	3.42	<0.5		
A0128286		2.49	<1	50	5	49	183	48	3.71	<0.5		
A0128287		2.24	<1	41	<5	46	160	42	3.07	<0.5		
A0128288		2.27	3	73	10	72	274	58	5.39	<0.5		
A0128289		2.40	2	33	5	38	217	48	4.52	<0.5		
A0128290		2.53	<1	21	<5	28	218	52	4.61	<0.5		
A0128291		2.33	4	29	7	166	244	53	4.01	0.5		
A0128292		2.49	19	99	30	451	443	68	4.21	0.5		
A0128293		2.93	15	39	27	399	661	191	3.38	0.9		
A0128294		2.63	3	13	8	128	236	88	6.93	0.5		
A0128295		2.82	4	14	5	340	266	123	4.38	0.7		
A0128296		2.21	1	15	12	114	159	81	5.94	0.5		
A0128297		0.07	86	615	299	4410	4380	112	3.83	2.3		
A0128298		2.48	6	23	14	261	202	78	6.16	<0.5		
A0128299		2.74	7	15	5	411	286	120	3.30	0.8		
A0128300		2.47	12	21	8	549	273	90	4.06	0.7		
A0128301		2.43	17	28	8	740	373	107	4.77	<0.5		
A0128302		2.62	20	63	19	1070	553	142	3.98	0.9		
A0128303		2.25	22	51	17	1235	503	126	3.64	0.5		
A0128304		2.86	17	65	22	876	488	122	4.40	0.8		
A0128305		2.34	17	69	23	818	432	108	4.30	0.7		
A0128306		2.65	22	54	26	815	397	104	4.26	0.6		
A0128307		2.27	22	56	22	1035	470	120	4.11	0.6		
A0128308		2.58	24	75	26	923	455	119	4.99	0.7		
A0128309		2.55	29	117	40	851	425	110	4.91	0.8		
A0128310		2.42	27	77	27	1160	520	125	4.75	0.9		
A0128311		2.41	33	104	36	968	487	120	4.83	0.8		
A0128312		2.37	22	54	20	1035	524	131	4.51	0.8		
A0128313		2.60	8	19	8	1005	472	117	4.42	0.9		
A0128314		2.53	21	46	19	1010	460	98	3.10	0.9		
A0128315		2.82	4	9	6	285	224	112	5.16	0.7		
A0128316		3.02	8	20	9	524	336	130	4.89	0.6		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19107720

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
A0128317		1.75	<1	1	<5	2	4	<1	12.10	<0.5		
A0128318		2.45	7	22	11	417	257	77	5.28	0.6		
A0128319		2.55	7	18	9	402	272	94	5.67	0.7		
A0128320		2.65	6	16	10	419	247	107	6.83	<0.5		
A0128321		2.67	7	26	17	412	239	90	5.21	<0.5		
A0128322		2.60	4	23	19	203	212	64	6.06	<0.5		
A0128323		2.26	5	25	19	160	201	57	6.21	<0.5		
A0128324		2.45	4	23	21	166	191	57	6.44	<0.5		
A0128325		2.59	3	21	17	139	198	58	5.95	<0.5		
A0128326		2.31	5	44	20	171	231	75	6.85	<0.5		
A0128327		1.72	15	136	24	243	394	94	7.27	<0.5		
A0128328		2.09	<1	11	<5	10	345	59	5.37	<0.5		
A0128329		2.80	<1	8	<5	14	327	58	5.15	<0.5		
A0128330		3.01	1	12	<5	21	320	57	5.00	<0.5		
A0128331		2.74	1	13	<5	21	349	64	5.38	<0.5		
A0128332		2.44	<1	20	<5	13	347	65	5.57	<0.5		
A0128333		2.34	3	32	8	49	386	70	6.01	<0.5		
A0128334		2.65	<1	5	<5	22	287	64	5.84	<0.5		
A0128335		2.45	5	29	9	68	350	62	5.17	<0.5		
A0128336		2.50	12	51	5	241	248	59	4.72	<0.5		
A0128337		0.08	230	3030	694	>10000	>10000	966	3.99	4.0	15400	44100
A0128338		2.64	7	45	5	47	232	50	3.91	<0.5		
A0128339		2.36	5	51	6	55	185	44	3.49	<0.5		
A0128340		2.47	1	7	<5	20	203	49	4.07	<0.5		
A0128341		2.47	16	161	19	85	373	61	5.64	<0.5		
A0128342		2.38	10	143	12	44	318	62	5.60	<0.5		
A0128343		2.39	6	104	7	34	239	57	5.08	<0.5		
A0128344		2.53	2	61	<5	29	306	73	6.46	<0.5		
A0128345		2.39	<1	42	<5	20	243	52	4.91	<0.5		
A0128346		2.58	37	325	45	470	697	110	8.18	<0.5		
A0128347		2.40	<1	47	5	28	225	49	4.60	<0.5		
A0128348		2.47	2	63	5	21	291	61	5.68	<0.5		
A0128349		2.29	2	57	7	49	311	70	5.93	<0.5		
A0128350		2.23	3	81	32	91	269	67	5.71	<0.5		
A0128351		2.37	<1	93	70	14	238	65	5.72	<0.5		
A0128352		2.43	<1	13	<5	13	204	62	5.56	<0.5		
A0128353		2.42	1	16	6	11	210	63	5.75	<0.5		
A0128354		0.07	73	619	286	4620	4450	116	3.96	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			