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 TB19140108

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 9-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 TB19140108

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
A0162099		1.27	<1	<1	<5	1	<1	1	14.15	<0.5		
A0162100		0.07	4320	1300	737	93	91	67	0.28	0.8		
A0162101		2.59	1	58	<5	24	138	31	2.39	<0.5		
A0162102		2.53	1	65	<5	31	149	32	2.44	<0.5		
A0162103		2.22	2	61	5	21	142	32	2.38	<0.5		
A0162104		2.44	2	60	<5	21	139	32	2.32	<0.5		
A0162105		2.78	1	53	6	23	128	28	2.10	<0.5		
A0162106		2.98	2	64	6	23	145	32	2.39	<0.5		
A0162107		3.13	3	69	7	26	295	61	5.47	<0.5		
A0162108		2.68	5	34	8	117	206	69	6.50	<0.5		
A0162109		2.69	4	15	<5	59	121	39	3.61	<0.5		
A0162110		2.04	5	18	<5	82	125	42	3.85	<0.5		
A0162111		1.59	3	16	<5	46	110	37	3.66	<0.5		
A0162112		2.14	5	33	<5	81	129	41	3.55	<0.5		
A0162113		2.00	2	14	<5	31	88	29	2.57	<0.5		
A0162114		2.67	8	17	5	77	124	37	3.77	<0.5		
A0162115		2.55	19	53	14	344	276	63	5.77	<0.5		
A0162116		2.82	9	27	6	148	243	68	7.18	<0.5		
A0162117		2.22	8	22	5	119	207	57	6.05	<0.5		
A0162118		3.20	9	22	5	136	222	57	6.12	<0.5		
A0162119		0.07	67	616	320	4440	4370	113	4.00	2.1		
A0162120		2.10	5	23	6	110	216	57	5.96	<0.5		
A0162121		2.57	5	22	5	82	192	59	5.85	<0.5		
A0162122		2.59	9	24	5	123	168	52	4.84	<0.5		
A0162123		2.28	9	26	6	149	249	69	7.01	<0.5		
A0162124		2.71	10	29	6	146	278	80	7.70	<0.5		
A0162125		2.08	6	22	6	84	229	64	6.33	<0.5		
A0162126		1.72	4	16	<5	66	123	40	3.42	<0.5		
A0162127		1.88	5	15	<5	61	122	38	3.26	<0.5		
A0162128		2.22	2	10	<5	65	68	23	1.61	<0.5		
A0162129		2.43	3	15	<5	68	104	34	2.75	<0.5		
A0162130		1.67	6	24	5	100	157	47	4.18	<0.5		
A0162131		2.29	8	32	7	135	279	82	7.57	<0.5		
A0162132		3.37	26	151	30	300	360	77	6.87	<0.5		
A0162133		2.38	3	21	<5	49	132	35	3.06	<0.5		
A0162134		2.37	5	16	<5	65	143	43	3.69	<0.5		
A0162135		2.54	6	26	6	108	156	42	3.68	<0.5		
A0162136		2.48	34	366	60	396	379	62	5.26	<0.5		
A0162137		2.61	18	108	15	230	253	52	4.72	<0.5		
A0162138		2.43	23	243	40	350	279	64	5.95	<0.5		

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Finalized Date: 21-JUN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19140108

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
A0162139		1.71	1	1	<5	1	3	<1	14.15	<0.5		
A0162140		2.47	5	20	<5	130	133	58	5.51	<0.5		
A0162141		2.52	4	6	<5	103	117	57	5.38	<0.5		
A0162142		2.50	4	6	<5	97	111	56	5.11	<0.5		
A0162143		2.32	4	7	<5	93	110	57	5.24	<0.5		
A0162144		2.41	4	6	<5	81	104	56	4.97	<0.5		
A0162145		2.60	5	7	<5	84	103	55	5.03	<0.5		
A0162146		1.87	3	8	<5	80	106	57	5.10	<0.5		
A0162147		2.90	8	8	<5	96	113	51	4.78	<0.5		
A0162148		2.29	6	22	<5	191	169	57	5.16	<0.5		
A0162149		2.32	7	10	<5	185	128	55	4.98	<0.5		
A0162150		2.44	4	4	<5	161	133	58	5.35	<0.5		
A0162151		2.17	3	3	<5	170	153	60	5.38	<0.5		
A0162152		2.15	3	10	<5	196	170	57	5.21	<0.5		
A0162153		2.12	4	12	<5	199	213	66	6.06	0.7		
A0162154		2.30	3	10	<5	182	217	74	6.54	<0.5		
A0162155		2.19	7	10	<5	217	185	71	6.42	<0.5		
A0162156		2.09	5	11	<5	211	174	72	6.42	<0.5		
A0162157		2.20	6	11	<5	214	164	70	6.31	<0.5		
A0162158		2.30	5	11	<5	199	169	73	6.32	<0.5		
A0162159		0.08	239	3520	827	>10000	>10000	956	3.79	4.0	16500	47000
A0162160		2.25	7	16	<5	312	225	76	6.70	<0.5		
A0162161		1.98	11	61	8	208	223	59	5.20	<0.5		
A0162162		2.14	21	133	25	373	266	56	4.53	<0.5		
A0162163		2.42	21	205	26	274	233	62	5.15	<0.5		
A0162164		2.27	8	17	<5	232	253	75	6.62	<0.5		
A0162165		2.51	9	13	<5	275	224	75	6.47	<0.5		
A0162166		2.56	10	46	8	188	241	68	6.05	<0.5		
A0162167		2.47	23	60	12	392	329	74	6.02	<0.5		
A0162168		2.37	31	94	19	315	339	62	5.00	<0.5		
A0162169		1.95	30	73	16	282	303	59	5.03	<0.5		
A0162170		2.99	10	33	13	174	364	68	6.56	<0.5		
A0162171		2.32	6	36	<5	48	224	50	4.54	<0.5		
A0162172		2.41	8	31	<5	86	268	56	5.25	<0.5		
A0162173		2.26	69	44	12	529	460	57	5.07	<0.5		
A0162174		2.35	17	55	18	171	365	61	5.93	<0.5		
A0162175		2.58	10	34	5	469	320	69	5.65	<0.5		
A0162176		0.07	108	601	289	4580	4410	117	3.91	1.8		

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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			