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: 3-AUG-2019
Account: MZI

CERTIFICATE TB19172657

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 15-JUL-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 TB19172657

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
A0146093		1.27	<1	<1	<5	2	3	<1	13.25	<0.5		
A0146094		0.07	5160	2070	1350	85	86	62	0.26	1.1		
A0146095		2.67	9	23	5	179	251	55	5.16	<0.5		
A0146096		2.67	9	1	<5	258	392	109	7.18	<0.5		
A0146097		3.01	14	48	8	369	656	74	7.02	<0.5		
A0146098		2.60	9	38	5	255	387	66	6.28	<0.5		
A0146099		1.71	29	172	13	522	478	68	5.40	<0.5		
A0146100		2.41	36	468	42	625	501	61	5.31	<0.5		
A0146101		2.11	5	538	32	117	292	38	4.44	<0.5		
A0146102		2.38	8	193	19	205	267	48	4.73	<0.5		
A0146103		2.37	15	464	27	307	429	57	5.05	<0.5		
A0146104		2.50	13	179	18	311	500	60	5.55	<0.5		
A0146105		2.27	18	45	9	443	577	66	4.63	<0.5		
A0146106		2.52	9	67	9	213	321	50	4.78	<0.5		
A0146107		2.61	53	1020	166	1385	1050	72	6.11	0.9		
A0146108		2.43	2	2	<5	126	282	52	6.71	<0.5		
A0146109		2.24	6	12	<5	128	321	61	7.33	<0.5		
A0146110		2.31	3	3	<5	113	324	63	8.04	<0.5		
A0146111		2.59	16	333	17	278	380	61	7.27	<0.5		
A0146112		2.55	35	171	12	446	429	68	7.37	<0.5		
A0146113		0.07	74	602	286	4480	4500	115	3.89	2.0		
A0146114		2.15	7	60	5	205	367	60	7.05	<0.5		
A0146115		2.45	15	240	24	297	492	63	6.53	<0.5		
A0146116		1.71	1	<1	<5	95	391	78	9.76	<0.5		
A0146117		1.69	167	2270	206	1410	1245	97	7.32	0.8		
A0146118		1.83	5	7	<5	161	291	47	5.85	<0.5		
A0146119		2.36	20	61	11	252	347	46	5.46	<0.5		
A0146120		2.03	46	42	5	618	379	52	5.95	0.5		
A0146121		2.06	29	259	20	341	369	52	5.42	<0.5		
A0146122		3.91	40	447	45	515	509	67	7.17	<0.5		
A0146123		2.58	18	194	23	315	406	61	6.66	<0.5		
A0146124		2.38	14	100	9	162	360	54	6.90	<0.5		
A0146125		2.50	11	84	<5	196	360	58	7.11	<0.5		
A0146126		2.36	9	217	26	174	400	60	7.73	<0.5		
A0146127		2.62	6	82	12	173	464	69	9.53	<0.5		
A0146128		2.93	20	192	18	270	389	77	7.92	<0.5		
A0146129		2.36	12	173	9	199	308	72	7.83	<0.5		
A0146130		2.72	14	140	16	291	355	67	6.43	<0.5		
A0146131		2.44	20	3	<5	530	395	70	5.87	<0.5		
A0146132		2.33	62	534	60	657	827	105	10.15	0.5		

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Finalized Date: 3-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19172657

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
A0146133		1.57	<1	1	<5	3	4	<1	12.55	<0.5		
A0146134		2.31	14	13	<5	329	607	88	9.87	<0.5		
A0146135		2.29	16	68	5	549	736	86	8.95	<0.5		
A0146136		2.26	14	91	11	442	636	79	8.75	<0.5		
A0146137		2.07	24	256	17	271	420	59	5.37	<0.5		
A0146138		2.26	<1	1	<5	23	25	8	0.76	<0.5		
A0146139		2.60	<1	4	<5	34	32	8	0.88	<0.5		
A0146140		1.61	6	149	13	427	317	50	4.96	0.5		
A0146141		2.25	3	209	15	215	275	44	4.61	<0.5		
A0146142		2.21	3	110	8	71	216	40	4.61	<0.5		
A0146143		2.46	17	400	141	466	476	76	4.68	<0.5		
A0146144		2.40	16	330	26	233	397	59	4.92	<0.5		
A0146145		2.33	34	229	14	939	382	91	4.95	0.5		
A0146146		2.53	19	392	27	443	393	62	3.63	<0.5		
A0146147		2.20	17	198	14	574	486	79	4.53	<0.5		
A0146148		2.30	26	154	15	375	293	62	4.78	<0.5		
A0146149		2.40	10	132	12	126	237	56	5.94	<0.5		
A0146150		2.47	10	137	12	136	303	66	7.13	<0.5		
A0146151		3.22	7	91	10	105	306	69	8.03	<0.5		
A0146152		1.98	4	93	13	78	334	68	8.06	<0.5		
A0146153		0.12	275	3420	794	>10000	>10000	959	3.90	3.9	16500	45300
A0146154		1.69	8	86	7	167	275	50	5.00	<0.5		
A0146155		2.20	11	88	7	231	206	50	4.68	<0.5		
A0146156		2.16	10	60	7	280	206	66	4.64	<0.5		
A0146157		2.16	33	33	6	836	413	80	4.66	<0.5		
A0146158		2.34	21	87	6	912	290	77	4.56	0.5		
A0146159		2.39	15	6	<5	532	358	71	4.83	<0.5		
A0146160		2.45	4	21	<5	188	224	56	4.96	<0.5		
A0146161		2.27	2	9	<5	121	154	52	4.75	<0.5		
A0146162		2.24	7	35	<5	170	281	59	5.89	<0.5		
A0146163		2.43	4	27	<5	96	273	62	6.61	<0.5		
A0146164		2.27	10	17	<5	219	335	60	5.71	<0.5		
A0146165		2.20	15	82	6	338	236	52	4.42	<0.5		
A0146166		2.62	14	45	<5	256	204	52	4.58	<0.5		
A0146167		2.31	9	26	<5	176	166	47	4.44	<0.5		
A0146168		2.34	1	<1	<5	130	208	48	4.33	<0.5		
A0146169		2.36	5	2	<5	171	337	69	6.31	<0.5		
A0146170		0.07	67	622	310	4690	4540	115	4.07	2.2		

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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			