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: 31-JAN-2019
Account: MZI

CERTIFICATE TB19011693

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 16-JAN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS LDIM WEBTRIEVE	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER KATHRYN STINSON

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 TB19011693

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
X094852		1.89	<1	<1	<5	1	2	<1	13.70	<0.5		
X094853		0.08	4960	2030	1290	87	86	63	0.28	0.7		
X094854		2.47	5	13	<5	170	414	74	8.59	<0.5		
X094855		2.44	2	24	<5	132	509	79	10.30	<0.5		
X094856		2.48	2	1	<5	196	406	77	8.04	<0.5		
X094857		2.62	8	20	<5	359	610	100	9.51	<0.5		
X094858		2.60	4	1	<5	197	425	90	8.58	<0.5		
X094859		2.24	6	46	<5	135	341	81	8.80	<0.5		
X094860		2.50	7	38	<5	320	465	76	7.46	<0.5		
X094861		2.26	1	1	<5	191	418	71	7.01	<0.5		
X094862		2.31	3	25	<5	107	294	56	6.77	<0.5		
X094863		2.34	2	14	<5	108	310	52	7.12	<0.5		
X094864		2.26	2	3	<5	128	328	57	7.61	<0.5		
X094865		1.89	13	436	28	170	342	52	6.33	<0.5		
X094866		1.97	3	7	<5	105	324	63	7.87	<0.5		
X094867		2.69	3	36	<5	109	328	57	7.51	<0.5		
X094868		2.81	2	30	6	76	342	55	6.85	<0.5		
X094869		2.38	3	34	<5	92	314	55	7.19	<0.5		
X094870		2.31	11	61	6	201	299	55	6.53	<0.5		
X094871		2.23	8	70	9	152	349	65	7.93	<0.5		
X094872		0.08	58	607	310	4220	4110	107	3.83	1.7		
X094873		2.24	96	611	46	885	481	70	7.87	<0.5		
X094874		2.75	129	1280	87	869	729	72	6.04	<0.5		
X094875		3.21	67	777	75	735	555	59	5.12	<0.5		
X094876		2.00	9	48	7	269	463	63	7.08	<0.5		
X094877		2.26	1	10	<5	110	298	58	6.71	<0.5		
X094878		2.06	3	1	<5	232	368	70	6.61	<0.5		
X094879		2.32	16	94	5	409	460	66	5.75	<0.5		
X094880		2.47	5	3	<5	243	416	56	4.91	<0.5		
X094881		2.04	1	34	<5	99	246	38	4.73	<0.5		
X094882		2.72	6	7	<5	290	437	62	4.80	<0.5		
X094883		2.23	7	9	<5	480	658	61	5.38	<0.5		
X094884		2.42	6	3	<5	221	376	43	4.90	<0.5		
X094885		2.38	4	3	<5	277	420	49	5.38	<0.5		
X094886		2.13	3	1	<5	128	298	45	5.16	<0.5		
X094887		2.07	4	8	<5	94	252	39	4.60	<0.5		
X094888		2.46	15	179	14	115	227	40	4.70	<0.5		
X094889		2.09	40	2	<5	595	254	54	5.37	<0.5		
X094890		2.36	22	<1	<5	370	193	53	5.48	<0.5		
X094891		2.24	1	<1	<5	91	285	52	6.18	<0.5		

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Finalized Date: 31-JAN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19011693

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
X094892		1.71	<1	<1	<5	1	2	<1	14.00	<0.5		
X094893		2.27	2	3	<5	145	300	61	6.29	<0.5		
X094894		2.25	4	<1	<5	106	291	57	6.74	<0.5		
X094895		2.40	2	61	<5	73	339	57	7.15	<0.5		
X094896		2.39	1	<1	<5	89	300	52	6.58	<0.5		
X094897		2.33	5	2	<5	181	334	56	5.97	<0.5		
X094898		2.39	<1	2	<5	168	344	65	6.47	<0.5		
X094899		2.43	8	6	<5	322	487	82	7.85	<0.5		
X094900		2.66	27	31	6	433	411	76	7.99	<0.5		
X094901		1.86	13	21	<5	232	398	57	7.01	<0.5		
X094902		2.16	<1	<1	<5	37	35	8	0.88	<0.5		
X094903		2.35	<1	<1	<5	13	21	7	0.73	<0.5		
X094904		2.38	2	<1	<5	40	29	9	0.93	<0.5		
X094905		2.55	<1	6	<5	50	240	44	5.34	<0.5		
X094906		2.82	2	67	<5	62	234	43	5.02	<0.5		
X094907		2.08	4	200	23	98	250	43	4.77	<0.5		
X094908		2.05	1	21	<5	53	222	41	4.99	<0.5		
X094909		2.12	1	21	<5	67	220	45	5.50	<0.5		
X094910		1.93	28	506	14	381	657	74	5.90	<0.5		
X094911		1.75	71	827	57	421	606	62	6.00	<0.5		
X094912		0.08	255	3470	830	>10000	>10000	954	3.98	4.0	16350	45800
X094913		2.41	3	23	<5	109	300	48	6.10	<0.5		
X094914		2.33	5	65	<5	203	352	55	6.80	<0.5		
X094915		2.32	2	8	<5	78	299	52	6.71	<0.5		
X094916		2.47	3	57	5	109	332	54	6.74	<0.5		
X094917		2.61	5	65	<5	146	323	49	5.64	<0.5		
X094918		2.46	4	60	6	131	296	47	5.73	<0.5		
X094919		2.18	1	46	27	132	306	48	6.13	<0.5		
X094920		2.54	<1	18	<5	90	343	51	6.89	<0.5		
X094921		2.28	1	8	<5	131	308	50	6.34	<0.5		
X094922		2.05	2	1	<5	118	321	54	6.05	<0.5		
X094923		1.53	3	1	<5	144	328	56	6.70	<0.5		
X094924		1.73	3	15	<5	120	335	53	6.90	<0.5		
X094925		1.52	<1	1	<5	69	297	51	6.75	<0.5		
X094926		1.69	<1	4	<5	59	307	53	7.07	<0.5		
X094927		2.09	<1	1	<5	61	295	49	6.88	<0.5		
X094928		2.27	1	1	<5	51	290	51	6.77	<0.5		
X094929		0.08	88	582	296	4320	4190	111	3.86	1.7		

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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			