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: 2-FEB-2019
Account: MZI

CERTIFICATE TB19015518

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 21-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 TB19015518

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
X095008		2.29	<1	<1	<5	1	6	<1	13.10	<0.5		
X095009		0.08	4430	2050	1330	85	85	62	0.25	0.6		
X095010		1.89	9	483	115	1170	453	51	3.73	<0.5		
X095011		1.86	15	868	102	1100	660	63	4.90	<0.5		
X095012		1.99	<1	6	<5	16	242	32	3.65	<0.5		
X095013		1.97	1	28	<5	211	293	45	5.30	<0.5		
X095014		2.18	14	810	84	703	564	57	5.57	<0.5		
X095015		2.27	3	94	9	258	393	46	5.50	<0.5		
X095016		2.13	4	152	6	209	313	47	5.21	<0.5		
X095017		2.02	17	763	67	594	579	55	5.50	<0.5		
X095018		2.11	8	554	69	312	466	58	5.69	<0.5		
X095019		2.19	12	340	27	361	444	54	5.60	<0.5		
X095020		2.06	12	834	89	459	555	58	5.68	<0.5		
X095021		2.07	20	1030	122	743	702	67	6.09	<0.5		
X095022		2.08	2	149	22	189	352	46	5.53	<0.5		
X095023		2.05	2	131	21	68	312	43	5.24	<0.5		
X095024		2.10	11	721	58	604	485	59	5.99	<0.5		
X095025		2.00	15	500	50	340	461	52	5.84	<0.5		
X095026		2.17	1	98	9	98	319	40	5.50	<0.5		
X095027		2.04	21	190	25	577	377	44	5.47	<0.5		
X095028		0.08	96	620	301	4540	4440	115	4.00	1.7		
X095029		1.98	37	382	34	403	377	43	4.48	<0.5		
X095030		2.07	6	82	7	230	264	36	3.82	<0.5		
X095031		2.27	556	3830	721	3260	5040	232	4.09	1.2		
X095032		1.99	133	1860	238	1120	1140	79	4.67	0.5		
X095033		2.21	391	1900	217	4920	969	102	4.41	2.8		
X095034		2.13	29	623	85	900	588	51	4.13	0.5		
X095035		2.14	4	108	20	209	460	41	4.20	<0.5		
X095036		1.89	14	233	22	179	288	33	2.86	<0.5		
X095037		2.03	6	57	5	89	248	33	3.50	<0.5		
X095038		2.09	47	606	35	1360	498	48	3.67	0.5		
X095039		2.06	7	157	9	229	234	28	2.48	<0.5		
X095040		2.00	5	248	20	325	278	26	2.14	<0.5		
X095041		2.04	8	161	28	240	324	43	4.44	<0.5		
X095042		2.23	4	176	28	190	434	54	5.67	<0.5		
X095043		2.10	14	398	49	467	424	51	5.43	<0.5		
X095044		2.21	12	183	15	314	446	57	5.60	<0.5		
X095045		1.98	8	47	7	262	363	45	5.49	<0.5		
X095046		2.07	19	149	9	538	539	59	4.92	<0.5		
X095047		2.12	19	280	33	419	465	59	5.42	<0.5		

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Finalized Date: 2-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19015518

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
X095048		1.84	<1	<1	<5	1	1	<1	13.40	<0.5		
X095049		2.03	37	627	56	508	487	58	5.08	<0.5		
X095050		2.67	5	37	<5	150	218	53	4.88	<0.5		
X095051		1.76	5	49	5	177	282	57	5.23	<0.5		
X095052		1.97	12	250	23	122	282	50	5.23	<0.5		
X095053		2.14	21	186	19	325	415	59	4.66	<0.5		
X095054		2.11	6	43	<5	210	308	54	5.69	<0.5		
X095055		2.26	17	554	61	294	456	60	5.07	<0.5		
X095056		2.16	8	277	26	158	383	50	5.23	<0.5		
X095057		2.10	2	69	6	98	266	48	4.94	<0.5		
X095058		2.15	2	64	6	96	251	50	5.40	<0.5		
X095059		2.14	4	174	18	226	293	53	5.15	<0.5		
X095060		2.13	2	172	11	162	308	54	5.27	<0.5		
X095061		2.00	2	19	<5	74	259	52	5.29	<0.5		
X095062		2.23	7	113	12	490	370	84	4.66	<0.5		
X095063		2.05	1	28	<5	310	198	76	5.11	<0.5		
X095064		2.07	4	152	15	294	217	89	4.51	<0.5		
X095065		2.18	1	24	<5	281	107	81	4.48	<0.5		
X095066		2.22	1	1	<5	146	120	65	4.80	<0.5		
X095067		2.00	6	79	5	385	351	93	5.32	<0.5		
X095068		0.08	233	3430	801	>10000	>10000	942	3.91	3.9	16200	45600
X095069		2.18	<1	17	<5	105	150	52	4.02	<0.5		
X095070		2.33	2	<1	<5	180	183	67	4.95	<0.5		
X095071		2.08	5	58	5	230	212	68	4.98	<0.5		
X095072		2.18	12	138	15	344	299	64	4.48	<0.5		
X095073		2.04	3	155	22	215	261	39	2.91	<0.5		
X095074		2.04	<1	7	<5	161	200	51	3.64	<0.5		
X095075		2.15	14	584	69	384	386	78	4.44	<0.5		
X095076		2.14	14	716	94	260	387	70	4.86	<0.5		
X095077		2.18	4	125	12	187	159	55	4.65	<0.5		
X095078		2.15	8	366	42	330	300	65	4.38	<0.5		
X095079		2.17	1	65	7	269	159	71	4.61	<0.5		
X095080		2.46	1	106	7	209	158	68	5.09	<0.5		
X095081		2.20	3	39	5	291	201	80	5.29	<0.5		
X095082		2.01	5	287	40	217	266	60	4.87	<0.5		
X095083		1.98	<1	<1	<5	115	157	55	4.94	<0.5		
X095084		2.17	<1	5	<5	36	158	45	4.93	<0.5		
X095085		0.08	72	582	285	4340	4240	109	3.94	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			