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 TB19015513

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 TB19015513

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
X094930		2.12	2	1	<5	<1	<1	<1	13.30	<0.5		
X094931		0.08	5300	2030	1320	87	86	62	0.27	0.8		
X094932		2.37	<1	54	<5	46	320	57	6.98	<0.5		
X094933		2.34	1	21	<5	84	292	54	6.69	<0.5		
X094934		2.52	13	118	<5	594	287	73	5.17	<0.5		
X094935		2.36	1	13	<5	96	283	54	6.42	<0.5		
X094936		2.08	2	23	<5	64	289	50	6.25	<0.5		
X094937		2.48	10	286	23	148	341	54	6.48	<0.5		
X094938		2.38	155	1120	111	1110	758	87	5.43	<0.5		
X094939		2.08	32	366	29	564	328	57	6.24	<0.5		
X094940		2.24	8	42	<5	248	254	54	6.01	<0.5		
X094941		2.32	18	27	<5	226	188	48	5.16	<0.5		
X094942		2.24	8	53	<5	122	258	56	6.01	<0.5		
X094943		2.21	7	10	<5	156	379	71	6.65	<0.5		
X094944		2.34	<1	1	<5	37	300	53	6.49	<0.5		
X094945		2.17	6	165	5	129	360	54	6.04	<0.5		
X094946		2.00	2	1	<5	62	282	47	6.26	<0.5		
X094947		2.40	26	33	<5	379	268	58	5.50	<0.5		
X094948		2.18	5	18	<5	186	270	53	5.84	<0.5		
X094949		2.13	2	2	<5	122	232	43	5.27	<0.5		
X094950		0.07	89	594	308	4430	4340	113	4.01	1.8		
X094951		2.15	<1	3	<5	78	266	45	5.47	<0.5		
X094952		2.33	2	47	<5	85	327	41	5.15	<0.5		
X094953		2.25	5	36	<5	218	319	54	6.03	<0.5		
X094954		2.28	2	3	<5	85	355	53	7.00	<0.5		
X094955		2.53	1	3	<5	85	323	51	6.67	<0.5		
X094956		2.66	30	173	18	236	515	61	6.97	<0.5		
X094957		2.05	1	6	<5	24	64	11	1.11	<0.5		
X094958		2.56	1	52	<5	150	169	33	3.35	<0.5		
X094959		2.09	9	1	<5	33	7	3	0.18	0.7		
X094960		2.05	6	1	<5	51	5	2	0.15	2.5		
X094961		2.14	<1	6	<5	45	360	66	9.10	<0.5		
X094962		2.13	2	44	5	138	384	71	9.02	<0.5		
X094963		2.26	1	42	<5	166	330	63	8.34	<0.5		
X094964		2.67	3	79	8	116	469	80	11.05	<0.5		
X094965		2.27	1	117	11	98	412	68	8.86	<0.5		
X094966		2.11	1	12	<5	116	182	37	3.64	<0.5		
X094967		2.58	66	161	18	1440	650	79	5.48	<0.5		
X094968		2.37	34	842	70	543	692	63	4.98	<0.5		
X094969		2.25	25	396	40	415	438	50	4.26	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 2-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19015513

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
X094970		1.79	<1	1	<5	2	2	<1	13.15	<0.5		
X094971		2.12	3	41	<5	133	369	70	8.28	<0.5		
X094972		2.20	1	4	<5	102	388	73	8.91	<0.5		
X094973		1.60	<1	4	<5	94	366	70	8.44	<0.5		
X094974		1.70	2	11	<5	102	298	56	6.62	<0.5		
X094975		1.42	<1	7	<5	40	58	11	1.18	<0.5		
X094976		1.52	5	179	12	223	304	40	4.17	<0.5		
X094977		1.97	2	2	<5	145	266	47	5.25	<0.5		
X094978		2.39	2	2	<5	124	306	54	5.86	<0.5		
X094979		2.10	2	11	<5	212	334	56	6.53	<0.5		
X094980		1.95	1	9	<5	85	219	38	4.75	<0.5		
X094981		2.18	<1	8	<5	69	234	49	5.35	<0.5		
X094982		2.10	2	2	<5	96	290	58	6.52	<0.5		
X094983		2.19	<1	2	<5	105	210	50	5.21	<0.5		
X094984		2.70	<1	25	<5	80	161	46	4.76	<0.5		
X094985		2.21	<1	18	<5	200	161	49	4.50	<0.5		
X094986		2.35	<1	7	<5	146	176	47	4.26	<0.5		
X094987		2.57	11	93	8	136	180	50	4.31	<0.5		
X094988		1.55	<1	5	<5	75	179	47	4.63	<0.5		
X094989		2.95	<1	5	<5	45	46	14	1.06	<0.5		
X094990		0.08	207	3400	803	>10000	>10000	951	3.97	3.8	18550	51500
X094991		2.15	<1	4	<5	33	47	11	0.80	<0.5		
X094992		2.29	<1	10	<5	41	87	19	2.18	<0.5		
X094993		1.96	2	81	5	189	73	8	1.06	<0.5		
X094994		2.13	<1	47	<5	174	41	8	0.77	<0.5		
X094995		2.57	4	20	<5	53	63	17	1.59	<0.5		
X094996		2.30	3	57	<5	93	41	7	0.64	<0.5		
X094997		2.22	2	4	<5	649	17	12	1.02	<0.5		
X094998		2.17	12	4	<5	272	11	5	0.39	<0.5		
X094999		2.43	<1	19	<5	119	16	5	0.46	<0.5		
X095000		2.56	1	153	10	265	151	38	3.17	<0.5		
X095001		1.72	<1	133	12	29	207	39	5.10	<0.5		
X095002		1.97	<1	62	9	6	268	44	5.96	<0.5		
X095003		1.65	<1	75	9	78	244	47	5.36	<0.5		
X095004		1.39	<1	229	31	327	439	61	9.48	<0.5		
X095005		1.25	<1	18	<5	12	227	27	4.16	<0.5		
X095006		2.29	3	245	48	203	301	37	4.02	<0.5		
X095007		0.08	67	628	302	4420	4290	112	3.99	1.9		

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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			