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: 22-MAR-2019
Account: MZI

CERTIFICATE TB19055385

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 7-MAR-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
CLAIRE MCGUINNESS	DAVE PECK	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 TB19055385

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
X095788		1.89	<1	1	<5	2	<1	<1	12.75	<0.5		
X095789		0.08	4450	2000	1300	87	85	63	0.25	1.1		
X095790		2.47	19	213	21	203	314	49	5.30	<0.5		
X095791		2.49	16	324	27	174	359	55	5.19	<0.5		
X095792		2.53	16	70	6	211	230	50	4.61	<0.5		
X095793		2.58	38	303	30	358	368	60	5.43	<0.5		
X095794		2.44	8	36	<5	121	256	48	5.45	<0.5		
X095795		2.69	5	32	<5	89	244	44	5.02	<0.5		
X095796		2.34	20	230	84	197	318	55	5.17	<0.5		
X095797		2.47	5	2	<5	104	244	61	5.67	<0.5		
X095798		2.51	5	53	5	86	256	47	5.27	<0.5		
X095799		2.44	14	384	28	175	345	53	5.28	<0.5		
X095800		2.44	9	189	15	153	317	54	5.22	<0.5		
X095801		2.53	4	31	<5	130	252	50	4.92	<0.5		
X095802		2.42	9	731	39	149	258	55	4.77	<0.5		
X095803		2.46	16	70	<5	141	234	45	4.92	<0.5		
X095804		2.34	30	308	31	201	289	48	4.79	<0.5		
X095805		2.62	34	229	19	205	282	54	5.21	<0.5		
X095806		2.48	1	<1	<5	113	186	51	4.96	<0.5		
X095807		2.58	2	2	<5	124	206	51	5.02	<0.5		
X095808		0.08	73	618	295	4590	4390	117	3.95	1.9		
X095809		2.37	3	7	<5	129	258	47	4.85	<0.5		
X095810		2.58	14	2	<5	143	220	46	4.97	<0.5		
X095811		2.34	79	912	97	451	483	55	4.60	<0.5		
X095812		2.60	1	2	<5	105	184	48	4.47	<0.5		
X095813		2.39	2	1	<5	126	209	51	4.77	<0.5		
X095814		2.35	1	5	<5	35	157	38	3.76	<0.5		
X095815		2.55	2	1	<5	106	167	45	3.89	<0.5		
X095816		2.63	2	<1	<5	124	170	54	4.63	<0.5		
X095817		2.52	4	<1	<5	165	164	52	4.31	<0.5		
X095818		1.90	1	2	<5	96	110	35	2.74	<0.5		
X095819		2.86	97	1000	106	498	314	17	0.80	<0.5		
X095820		2.35	7	81	10	91	47	12	0.94	<0.5		
X095821		2.18	2	20	<5	47	23	18	1.00	<0.5		
X095822		2.32	6	96	10	51	47	9	0.72	<0.5		
X095823		2.35	4	52	6	43	31	8	0.70	<0.5		
X095824		2.56	20	149	17	161	77	17	0.80	<0.5		
X095825		2.38	4	64	7	73	42	14	0.97	<0.5		
X095826		2.33	1	54	5	35	38	8	0.76	<0.5		
X095827		2.11	4	128	16	71	54	9	0.73	<0.5		

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CERTIFICATE OF ANALYSIS TB19055385

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
X095828		2.10	1	<1	<5	1	3	<1	12.90	<0.5		
X095829		2.29	9	254	27	110	91	10	0.78	<0.5		
X095830		2.36	<1	28	<5	32	25	8	0.73	<0.5		
X095831		2.26	5	161	17	76	73	9	0.78	<0.5		
X095832		2.33	2	113	13	67	56	10	0.77	<0.5		
X095833		2.29	3	20	<5	40	32	12	0.76	<0.5		
X095834		2.46	1	110	13	52	51	11	0.78	<0.5		
X095835		2.43	2	45	5	44	31	9	0.73	<0.5		
X095836		2.44	1	60	7	69	58	16	1.28	<0.5		
X095837		1.84	2	80	9	84	57	9	0.81	<0.5		
X095838		2.31	<1	26	<5	16	53	11	0.92	<0.5		
X095839		2.43	<1	4	<5	29	33	11	0.80	<0.5		
X095840		2.41	12	136	14	76	81	10	0.88	<0.5		
X095841		2.34	<1	1	<5	19	26	7	0.70	<0.5		
X095842		2.28	35	292	33	188	133	10	0.67	<0.5		
X095843		2.30	2	73	8	33	46	8	0.71	<0.5		
X095844		2.18	<1	2	<5	16	19	7	0.65	<0.5		
X095845		2.35	8	72	6	81	41	7	0.77	<0.5		
X095846		2.05	5	65	6	48	43	8	0.79	<0.5		
X095847		2.15	1	79	9	45	33	7	0.61	<0.5		
X095848		0.08	231	3470	791	>10000	>10000	932	3.81	3.6	15850	44700
X095849		2.39	<1	18	<5	53	42	7	0.66	<0.5		
X095850		2.04	17	<1	<5	381	69	96	1.98	<0.5		
X095851		2.30	5	22	<5	220	48	24	1.31	<0.5		
X095852		2.16	9	<1	<5	255	49	31	1.82	<0.5		
X095853		2.38	<1	24	<5	93	51	19	1.42	<0.5		
X095854		2.29	3	21	<5	128	64	19	1.69	<0.5		
X095855		2.79	<1	18	<5	16	57	18	1.59	<0.5		
X095856		1.94	<1	2	<5	114	27	9	0.78	<0.5		
X095857		2.15	<1	7	<5	41	28	8	0.73	<0.5		
X095858		2.26	2	<1	<5	18	16	6	0.61	<0.5		
X095859		2.35	<1	<1	<5	17	32	9	1.03	<0.5		
X095860		2.28	<1	<1	<5	15	21	8	0.93	<0.5		
X095861		2.38	<1	<1	<5	14	20	7	0.98	<0.5		
X095862		2.11	1	<1	<5	16	18	12	0.66	<0.5		
X095863		2.24	<1	<1	<5	13	12	7	0.70	<0.5		
X095864		2.08	<1	<1	<5	10	13	7	0.71	<0.5		
X095865		0.08	80	612	307	4450	4320	113	3.93	1.6		

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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			