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: 8-APR-2019
Account: MZI

CERTIFICATE TB19070283

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 24-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 TB19070283

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
A0127653		1.95	1	2	<5	2	2	<1	14.30	<0.5		
A0127654		0.07	4180	2020	1280	86	85	63	0.26	0.7		
A0127655		2.45	285	3900	441	1290	1050	73	4.77	0.5		
A0127656		2.44	46	1040	117	353	459	43	3.02	<0.5		
A0127657		2.45	18	77	21	198	331	51	4.87	<0.5		
A0127658		2.45	41	4	<5	397	515	58	5.88	<0.5		
A0127659		2.48	9	1	<5	268	439	53	5.91	<0.5		
A0127660		2.26	27	6	<5	217	404	62	5.75	<0.5		
A0127661		2.52	16	3	<5	178	376	63	6.25	<0.5		
A0127662		2.67	15	3	<5	192	381	64	5.74	<0.5		
A0127663		2.37	12	1	<5	174	361	62	5.92	<0.5		
A0127664		2.68	4	1	<5	159	356	60	6.00	<0.5		
A0127665		2.57	10	1	<5	166	368	69	6.20	<0.5		
A0127666		2.63	34	20	<5	197	388	70	6.01	<0.5		
A0127667		2.67	82	451	69	274	396	64	5.53	<0.5		
A0127668		2.60	16	1020	79	65	282	59	5.20	<0.5		
A0127669		2.73	5	195	<5	43	356	65	4.45	<0.5		
A0127670		2.76	1	42	<5	32	454	77	3.72	<0.5		
A0127671		2.72	4	42	15	35	427	79	4.31	<0.5		
A0127672		3.00	3	34	6	23	167	76	4.19	<0.5		
A0127673		0.07	54	602	308	4480	4250	116	3.98	1.6		
A0127674		2.83	1	36	10	21	141	70	4.07	<0.5		
A0127675		2.57	2	35	8	21	204	76	4.17	<0.5		
A0127676		1.80	<1	21	<5	14	148	57	3.71	<0.5		
A0127677		2.56	2	12	<5	17	51	21	1.19	<0.5		
A0127678		3.21	1	16	6	18	88	28	1.66	<0.5		
A0127679		2.39	<1	25	<5	16	190	49	3.25	<0.5		
A0127680		2.67	<1	21	<5	10	184	60	5.31	<0.5		
A0127681		2.44	<1	18	<5	10	164	62	5.29	<0.5		
A0127682		2.51	<1	18	<5	9	132	54	4.27	<0.5		
A0127683		2.35	<1	8	<5	19	83	38	2.86	<0.5		
A0127684		2.36	<1	17	<5	9	78	30	2.35	<0.5		
A0127685		2.51	<1	19	<5	14	93	35	2.73	<0.5		
A0127686		2.69	10	34	<5	21	411	82	3.40	<0.5		
A0127687		2.60	2	45	<5	44	404	74	2.84	<0.5		
A0127688		2.51	12	13	5	380	154	20	0.99	<0.5		
A0127689		2.03	6	57	21	81	230	50	4.24	<0.5		
A0127690		2.94	5	143	51	46	264	56	5.62	<0.5		
A0127691		2.45	10	127	32	104	298	58	5.65	<0.5		
A0127692		2.60	2	54	12	41	267	55	5.40	<0.5		

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CERTIFICATE OF ANALYSIS TB19070283

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
A0127693		2.23	<1	1	<5	1	<1	<1	13.50	<0.5		
A0127694		2.10	8	108	32	83	258	52	4.86	<0.5		
A0127695		2.35	<1	30	<5	19	636	95	2.90	<0.5		
A0127696		2.23	<1	28	<5	19	791	128	3.11	<0.5		
A0127697		2.04	1	28	<5	34	484	84	2.51	<0.5		
A0127698		2.22	<1	26	<5	20	572	100	3.01	<0.5		
A0127699		2.15	<1	43	<5	24	504	85	2.15	<0.5		
A0127700		2.10	<1	26	<5	10	601	99	2.15	<0.5		
A0127701		2.34	<1	23	<5	24	688	114	2.43	<0.5		
A0127702		2.30	<1	20	<5	12	716	116	3.09	<0.5		
A0127703		1.41	43	443	57	231	535	93	5.15	<0.5		
A0127704		2.59	6	97	13	44	170	28	2.22	<0.5		
A0127705		2.00	6	71	12	41	173	29	2.26	<0.5		
A0127706		2.00	8	86	16	42	160	28	2.07	<0.5		
A0127707		2.19	8	71	12	46	169	28	2.31	<0.5		
A0127708		1.97	4	91	13	30	145	26	1.94	<0.5		
A0127709		2.05	6	109	11	72	176	39	2.35	<0.5		
A0127710		2.10	2	61	6	55	165	40	2.47	<0.5		
A0127711		1.93	1	79	7	31	150	27	2.08	<0.5		
A0127712		2.03	3	76	10	31	168	30	2.38	<0.5		
A0127713		0.08	240	3450	810	>10000	>10000	968	4.03	3.7	16400	45500
A0127714		2.12	4	85	8	42	196	30	2.24	<0.5		
A0127715		2.02	7	93	10	36	202	35	2.63	<0.5		
A0127716		1.98	6	80	7	32	187	32	2.48	<0.5		
A0127717		1.94	6	92	12	28	187	33	2.50	<0.5		
A0127718		2.01	7	102	14	33	182	32	2.48	<0.5		
A0127719		1.96	5	85	14	29	228	38	3.05	<0.5		
A0127720		2.48	10	84	14	40	235	43	3.35	<0.5		
A0127721		1.63	108	1400	191	438	402	45	3.86	<0.5		
A0127722		2.02	116	1360	180	542	387	35	2.44	<0.5		
A0127723		1.87	30	384	71	227	279	35	3.94	<0.5		
A0127724		2.05	14	162	21	52	209	36	3.20	<0.5		
A0127725		2.03	9	93	17	103	177	43	2.83	<0.5		
A0127726		2.16	15	195	32	83	290	59	4.83	<0.5		
A0127727		2.05	56	884	100	158	311	48	4.15	<0.5		
A0127728		1.97	26	450	56	66	296	43	4.28	<0.5		
A0127729		2.10	25	629	84	74	313	49	4.32	<0.5		
A0127730		0.07	76	600	293	4360	4270	114	3.95	1.5		

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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			