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-JUL-2019
Account: MZI

CERTIFICATE TB19149617

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 19-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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 TB19149617

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
A0152487		2.45	1	1	<5	<1	2	<1	12.80	0.7		
A0152488		0.08	4440	1940	1250	85	83	61	0.26	0.9		
A0152489		1.67	2	23	14	8	178	30	3.83	<0.5		
A0152490		1.64	11	545	100	186	679	56	3.62	<0.5		
A0152491		1.57	45	614	120	959	1050	124	8.06	0.7		
A0152492		2.31	40	353	70	815	760	83	7.07	0.8		
A0152493		1.83	19	627	98	569	577	95	6.40	0.7		
A0152494		2.83	4	115	23	22	235	34	4.06	<0.5		
A0152495		2.20	1	90	7	20	201	35	4.14	0.7		
A0152496		2.30	1	66	11	18	186	34	4.07	0.6		
A0152497		2.28	4	99	22	43	209	36	4.31	<0.5		
A0152498		2.26	5	58	17	55	210	37	3.93	<0.5		
A0152499		2.29	3	17	7	31	146	34	3.74	<0.5		
A0152500		2.21	3	16	7	44	150	37	3.85	<0.5		
A0152501		2.28	4	15	6	59	151	40	3.96	0.7		
A0152502		2.24	5	16	5	62	132	33	3.34	<0.5		
A0152503		2.18	7	15	6	117	139	37	3.37	<0.5		
A0152504		2.33	5	18	7	74	134	35	3.27	<0.5		
A0152505		1.92	3	18	5	38	136	36	3.39	<0.5		
A0152506		2.15	5	74	17	61	160	34	3.00	0.5		
A0152507		0.07	95	594	292	4300	4150	110	3.78	2.1		
A0152508		2.12	3	46	10	53	111	32	2.89	<0.5		
A0152509		2.35	6	15	<5	82	120	34	3.24	<0.5		
A0152510		2.21	5	32	9	67	141	40	3.40	<0.5		
A0152511		1.96	3	16	6	51	130	34	3.15	0.8		
A0152512		2.15	1	17	7	29	130	34	3.15	<0.5		
A0152513		2.15	2	15	6	56	124	32	2.73	0.9		
A0152514		2.10	2	14	7	59	83	28	2.24	<0.5		
A0152515		2.14	2	12	5	38	71	26	2.59	<0.5		
A0152516		2.15	2	16	6	61	96	32	2.96	<0.5		
A0152517		2.03	2	9	<5	78	65	22	1.86	0.5		
A0152518		2.15	3	16	6	56	109	32	3.20	<0.5		
A0152519		2.13	4	17	6	71	123	34	3.42	0.5		
A0152520		2.14	5	18	<5	94	140	34	3.63	<0.5		
A0152521		2.20	3	16	6	84	135	36	3.53	0.6		
A0152522		2.27	3	15	<5	64	144	36	3.80	<0.5		
A0152523		2.21	3	28	8	42	139	34	3.22	<0.5		
A0152524		2.15	2	14	5	45	225	39	5.22	<0.5		
A0152525		2.16	2	15	6	44	116	29	3.13	<0.5		
A0152526		2.06	2	13	<5	65	92	25	2.45	0.5		

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CERTIFICATE OF ANALYSIS TB19149617

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
A0152527		2.05	<1	1	<5	1	8	<1	12.95	<0.5		
A0152528		2.32	3	9	<5	93	66	19	1.91	0.6		
A0152529		2.39	<1	6	<5	26	44	13	1.37	<0.5		
A0152530		2.22	1	16	7	36	118	32	3.40	<0.5		
A0152531		2.41	<1	17	6	37	126	35	3.64	<0.5		
A0152532		2.13	7	17	6	692	140	64	3.58	2.5		
A0152533		2.82	8	14	6	220	134	34	3.44	0.7		
A0152534		2.16	<1	12	<5	55	136	31	3.55	<0.5		
A0152535		2.39	<1	14	6	54	149	33	3.91	0.5		
A0152536		2.36	3	16	6	70	164	37	4.26	<0.5		
A0152537		2.20	1	16	5	44	169	35	3.94	<0.5		
A0152538		2.28	2	15	5	34	155	34	3.64	0.7		
A0152539		2.27	2	14	<5	58	163	35	3.83	<0.5		
A0152540		2.81	1	17	6	23	154	30	3.40	<0.5		
A0152541		2.34	2	16	7	131	148	30	3.09	<0.5		
A0152542		2.29	1	16	<5	39	154	29	3.09	<0.5		
A0152543		2.35	1	13	<5	99	159	30	3.43	<0.5		
A0152544		1.42	2	53	14	61	212	38	4.23	<0.5		
A0152545		2.29	15	105	24	113	454	94	9.79	<0.5		
A0152546		2.04	39	133	30	124	394	82	8.62	<0.5		
A0152547		0.08	226	3240	743	>10000	>10000	961	3.87	4.2	16150	45300
A0152548		1.65	3	15	<5	83	166	31	2.64	<0.5		
A0152549		1.96	8	49	13	84	241	40	4.05	<0.5		
A0152550		2.64	28	293	51	223	426	68	6.66	<0.5		
A0152551		2.76	92	777	143	513	687	94	8.60	<0.5		
A0152552		2.22	22	163	32	149	377	72	7.27	<0.5		
A0152553		2.32	18	126	26	130	438	86	8.56	<0.5		
A0152554		2.43	26	247	48	160	492	92	9.19	<0.5		
A0152555		2.31	33	351	67	203	549	102	9.90	<0.5		
A0152556		2.39	32	337	67	195	526	97	9.58	<0.5		
A0152557		2.48	10	129	21	86	430	87	9.18	<0.5		
A0152558		2.74	29	329	61	183	532	101	9.85	<0.5		
A0152559		2.27	16	156	33	100	469	97	9.74	<0.5		
A0152560		2.39	18	184	33	106	476	93	9.33	<0.5		
A0152561		2.34	14	139	28	95	435	90	8.96	<0.5		
A0152562		2.48	16	129	28	114	393	80	7.95	<0.5		
A0152563		2.60	19	156	34	132	447	90	8.92	0.5		
A0152564		0.07	90	601	294	4490	4390	119	3.99	2.2		

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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			