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-NOV-2019
Account: MZI

CERTIFICATE TB19254962

Project: 18-101

P.O. No.: 182449

This report is for 54 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-OCT-2019.

The following have access to data associated with this certificate:

MATT BODNAR DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK

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:

Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS TB19254962

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
KK19-103762		2.34	1	8	<5	500	364	51	4.13	<0.5		
KK19-103763		2.40	19	125	24	337	409	60	4.68	<0.5		
KK19-103764		2.20	1	46	12	288	300	62	4.66	<0.5		
KK19-103765		0.07	82	630	290	4620	4370	113	3.89	3.9		
KK19-103766		2.44	13	90	17	258	266	68	4.98	<0.5		
KK19-103767		2.28	5	10	5	159	126	58	5.25	<0.5		
KK19-103768		1.81	4	10	<5	142	120	57	4.93	<0.5		
KK19-103769		2.98	6	9	6	153	108	51	4.55	<0.5		
KK19-103770		2.28	1	8	<5	114	109	58	3.93	<0.5		
KK19-103771		2.45	1	7	<5	85	101	49	3.93	<0.5		
KK19-103772		2.48	3	15	7	133	118	60	5.14	<0.5		
KK19-103773		2.51	2	6	<5	109	109	57	5.09	<0.5		
KK19-103774		2.41	2	7	<5	102	129	50	4.32	<0.5		
KK19-103775		2.41	1	6	<5	60	123	51	4.17	<0.5		
KK19-103776		2.56	2	5	<5	80	110	53	4.49	<0.5		
KK19-103777		2.49	2	8	5	96	114	55	4.62	<0.5		
KK19-103778		2.60	1	9	6	95	101	52	4.84	<0.5		
KK19-103779		2.52	1	8	5	100	102	54	4.72	<0.5		
KK19-103780		2.52	2	9	5	97	102	56	4.91	<0.5		
KK19-103781		2.39	2	9	5	126	110	56	4.94	<0.5		
KK19-103782		2.68	1	10	<5	108	126	66	5.97	<0.5		
KK19-103783		2.58	4	16	6	158	115	60	5.25	<0.5		
KK19-103784		2.60	1	8	<5	108	108	61	5.56	<0.5		
KK19-103785		1.83	<1	<1	<5	<1	1	<1	12.40	<0.5		
KK19-103786		2.40	4	9	<5	92	109	64	5.96	<0.5		
KK19-103787		2.36	1	9	<5	79	88	48	4.22	<0.5		
KK19-103788		2.31	2	8	<5	94	96	52	4.73	<0.5		
KK19-103789		2.14	1	7	<5	83	97	50	4.50	<0.5		
KK19-103790		2.25	<1	4	<5	61	67	34	2.97	<0.5		
KK19-103791		2.17	1	3	<5	49	36	28	2.03	<0.5		
KK19-103792		3.09	1	7	<5	83	95	54	4.94	<0.5		
KK19-103793		2.70	3	1	<5	101	16	29	1.55	<0.5		
KK19-103794		2.44	<1	3	<5	54	34	26	1.39	<0.5		
KK19-103795		3.27	1	6	<5	76	124	64	5.89	<0.5		
KK19-103796		2.44	2	6	<5	85	139	60	5.53	<0.5		
KK19-103797		2.09	1	3	<5	75	151	62	5.75	<0.5		
KK19-103798		2.26	2	5	<5	89	163	68	6.21	<0.5		
KK19-103799		2.28	3	4	<5	98	175	69	6.41	<0.5		
KK19-103800		2.33	1	2	<5	72	155	63	5.81	<0.5		
KK19-103801		2.23	2	3	<5	72	176	69	6.26	<0.5		

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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
KK19-103802		2.32	1	4	<5	101	207	75	7.01	<0.5		
KK19-103803		2.28	3	4	<5	116	215	76	6.95	<0.5		
KK19-103804		2.13	<1	2	<5	73	121	48	4.30	<0.5		
KK19-103805		0.12	243	3370	788	>10000	>10000	964	4.05	4.1	16100	45100
KK19-103806		2.32	3	5	<5	97	84	28	1.96	<0.5		
KK19-103807		2.09	1	6	<5	71	83	49	4.02	<0.5		
KK19-103808		2.36	5	36	5	151	157	75	5.71	<0.5		
KK19-103809		2.23	1	6	<5	97	128	68	6.14	<0.5		
KK19-103810		2.16	1	6	<5	72	125	62	5.89	<0.5		
KK19-103811		2.32	2	5	<5	87	151	64	6.04	<0.5		
KK19-103812		2.37	1	3	<5	80	156	65	5.82	<0.5		
KK19-103813		2.35	1	4	<5	72	156	65	5.73	<0.5		
KK19-103814		2.66	1	5	<5	84	164	67	5.73	<0.5		
KK19-103815		2.41	1	3	<5	94	177	71	5.92	0.6		

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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			