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: 10-DEC-2019
Account: MZI

CERTIFICATE TB19295681

Project: 18-300

P.O. No.: 212623

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 21-NOV-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
STU GIBBINS	MARK LACOMBE	LINETTE MACINNIS
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:

Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS TB19295681

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
PP19-103745		1.81	1	5	<5	2	3	<1	12.35	<0.5		
PP19-103746		0.07	4750	2060	1320	89	84	66	0.27	0.6		
PP19-103747		2.27	9	144	22	75	442	64	8.26	<0.5		
PP19-103748		2.33	8	125	24	65	475	64	8.54	<0.5		
PP19-103749		2.08	7	123	32	65	456	60	8.27	<0.5		
PP19-103750		2.20	9	177	39	73	535	69	9.90	<0.5		
PP19-103751		2.35	11	178	34	61	522	66	9.56	<0.5		
PP19-103752		2.38	9	190	41	75	557	74	10.10	<0.5		
PP19-103753		2.35	12	179	36	81	455	59	8.22	<0.5		
PP19-103754		2.24	29	154	55	293	526	51	6.15	<0.5		
PP19-103755		2.03	4	44	18	41	276	37	4.96	<0.5		
PP19-103756		2.41	7	108	47	68	376	53	6.90	<0.5		
PP19-103757		2.15	8	120	53	56	409	56	7.57	<0.5		
PP19-103758		3.09	4	88	36	39	311	44	5.87	<0.5		
PP19-103759		1.49	7	369	105	18	518	58	9.13	<0.5		
PP19-103760		2.35	20	529	152	66	787	85	13.45	<0.5		
PP19-103761		2.53	32	541	175	112	866	91	13.80	<0.5		
PP19-103762		2.62	54	566	182	215	993	91	13.95	<0.5		
PP19-103763		2.68	25	335	50	99	918	95	14.75	<0.5		
PP19-103764		2.62	11	355	48	56	883	96	15.10	<0.5		
PP19-103765		0.07	76	599	367	4350	4240	114	3.88	1.9		
PP19-103766		2.72	27	435	66	77	883	93	14.35	<0.5		
PP19-103767		2.58	26	410	53	70	871	94	14.75	<0.5		
PP19-103768		2.65	42	396	51	118	927	94	14.55	<0.5		
PP19-103769		2.55	12	146	31	72	533	63	9.36	<0.5		
PP19-103770		2.99	7	123	34	72	453	60	8.24	<0.5		
PP19-103771		1.50	6	30	8	94	308	45	5.47	<0.5		
PP19-103772		2.49	5	46	14	84	336	50	6.34	<0.5		
PP19-103773		2.99	19	239	56	128	634	76	10.25	<0.5		
PP19-103774		2.35	5	22	10	92	272	41	4.77	<0.5		
PP19-103775		2.31	3	49	15	53	309	43	5.58	<0.5		
PP19-103776		2.25	29	24	8	94	334	44	5.43	<0.5		
PP19-103777		2.21	4	7	<5	120	318	43	5.41	<0.5		
PP19-103778		2.32	8	16	<5	155	314	45	5.58	<0.5		
PP19-103779		2.26	8	45	16	151	360	54	5.97	<0.5		
PP19-103780		2.15	7	95	33	58	354	50	6.39	<0.5		
PP19-103781		2.20	3	67	28	57	331	50	6.11	<0.5		
PP19-103782		2.25	5	31	19	64	305	45	5.59	<0.5		
PP19-103783		2.20	5	54	28	86	301	46	5.52	<0.5		
PP19-103784		2.18	6	48	29	58	307	46	5.52	<0.5		

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CERTIFICATE OF ANALYSIS TB19295681

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
PP19-103785		2.33	4	<1	<5	<1	3	<1	11.55	<0.5		
PP19-103786		2.09	4	17	13	58	229	35	4.28	<0.5		
PP19-103787		1.97	2	11	<5	38	60	16	1.07	<0.5		
PP19-103788		2.21	8	45	22	72	268	42	4.71	<0.5		
PP19-103789		2.80	2	33	13	43	156	36	2.27	<0.5		
PP19-103790		1.33	4	78	39	37	358	53	6.38	<0.5		
PP19-103791		2.19	7	74	41	69	359	54	6.47	<0.5		
PP19-103792		2.23	5	75	43	64	372	54	6.78	<0.5		
PP19-103793		1.88	3	68	36	49	301	43	5.57	<0.5		
PP19-103794		2.05	7	124	49	61	394	53	7.00	<0.5		
PP19-103795		2.10	4	121	72	57	390	52	7.13	<0.5		
PP19-103796		2.17	4	140	81	57	417	56	7.47	<0.5		
PP19-103797		2.23	3	149	84	50	425	55	7.71	<0.5		
PP19-103798		2.10	3	150	81	52	437	56	7.94	<0.5		
PP19-103799		2.14	5	199	91	74	457	61	8.53	<0.5		
PP19-103800		2.02	3	190	89	55	452	60	8.09	<0.5		
PP19-103801		2.07	3	175	89	50	439	59	7.93	<0.5		
PP19-103802		2.05	3	169	78	55	451	59	8.14	<0.5		
PP19-103803		2.45	6	166	81	52	466	60	8.63	<0.5		
PP19-103804		2.24	5	128	45	59	464	64	8.59	<0.5		
PP19-103805		0.08	241	3320	756	>10000	>10000	1010	4.10	4.1	15850	45500
PP19-103806		2.06	7	133	39	98	475	59	7.11	<0.5		
PP19-103807		2.17	5	130	78	67	412	57	7.20	<0.5		
PP19-103808		2.06	3	150	84	55	422	56	7.58	<0.5		
PP19-103809		2.08	2	145	71	47	374	53	6.91	<0.5		
PP19-103810		2.48	3	129	61	76	337	50	6.40	<0.5		
PP19-103811		2.34	2	43	23	48	166	29	3.02	<0.5		
PP19-103812		1.59	<1	24	6	80	81	33	2.21	<0.5		
PP19-103813		1.80	2	3	<5	176	102	40	2.29	<0.5		
PP19-103814		2.07	<1	<1	<5	79	22	32	1.68	<0.5		
PP19-103815		1.44	<1	<1	<5	62	22	30	1.62	<0.5		
PP19-103816		3.01	<1	10	5	93	139	53	4.40	<0.5		
PP19-103817		2.16	1	8	5	74	295	61	6.22	<0.5		
PP19-103818		2.23	5	27	13	87	231	72	6.45	<0.5		
PP19-103819		2.34	10	32	16	157	307	82	7.04	<0.5		
PP19-103820		2.38	11	44	20	174	345	86	7.78	<0.5		
PP19-103821		2.23	13	36	18	181	346	84	7.62	<0.5		
PP19-103822		0.07	63	581	277	4460	4300	112	3.88	2.0		

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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			