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: 16-SEP-2019
Account: MZI

CERTIFICATE TB19212061

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 26-AUG-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:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19212061

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
AD19-100313		2.26	<1	1	<5	2	3	<1	13.60	<0.5		
AD19-100314		0.07	4490	1980	1280	88	85	61	0.26	0.9		
AD19-100315		2.34	<1	26	<5	63	227	46	5.24	<0.5		
AD19-100316		2.49	1	<1	<5	74	223	48	5.57	<0.5		
AD19-100317		2.21	2	1	<5	104	261	49	5.52	<0.5		
AD19-100318		2.45	<1	7	<5	94	274	51	4.95	<0.5		
AD19-100319		2.46	1	2	<5	151	312	53	5.41	<0.5		
AD19-100320		2.30	6	3	<5	333	347	55	5.01	<0.5		
AD19-100321		2.38	1	23	<5	128	247	55	5.35	<0.5		
AD19-100322		2.57	1	3	<5	84	275	48	5.41	<0.5		
AD19-100323		2.45	7	436	53	469	665	82	6.52	<0.5		
AD19-100324		2.24	2	24	<5	105	229	50	5.13	<0.5		
AD19-100325		2.51	4	1	<5	177	228	53	5.05	<0.5		
AD19-100326		2.55	22	790	90	709	670	88	5.38	<0.5		
AD19-100327		2.48	6	19	<5	230	303	63	5.83	<0.5		
AD19-100328		2.61	4	74	5	246	317	61	5.22	<0.5		
AD19-100329		2.49	4	15	<5	286	289	62	5.58	<0.5		
AD19-100330		2.48	2	2	<5	164	245	54	5.13	<0.5		
AD19-100331		2.40	1	13	<5	138	258	58	5.58	<0.5		
AD19-100332		2.55	<1	1	<5	86	206	53	5.26	<0.5		
AD19-100333		0.07	89	591	291	4570	4540	119	4.08	2.1		
AD19-100334		2.47	2	3	<5	82	183	47	4.80	<0.5		
AD19-100335		2.49	1	2	<5	108	190	48	4.85	<0.5		
AD19-100336		2.43	4	73	15	299	196	54	4.07	<0.5		
AD19-100337		2.38	4	65	8	123	185	44	4.23	<0.5		
AD19-100338		2.56	1	2	<5	114	191	51	4.96	<0.5		
AD19-100339		2.40	3	27	<5	121	192	50	4.34	<0.5		
AD19-100340		2.52	1	20	<5	69	168	41	3.70	<0.5		
AD19-100341		2.70	2	10	<5	147	221	51	5.13	<0.5		
AD19-100342		2.57	<1	5	<5	171	246	55	5.28	<0.5		
AD19-100343		2.56	1	25	<5	182	264	60	5.11	<0.5		
AD19-100344		2.45	<1	5	<5	116	201	54	5.08	<0.5		
AD19-100345		2.53	2	8	<5	105	190	53	5.24	<0.5		
AD19-100346		2.48	<1	1	<5	118	252	56	5.25	<0.5		
AD19-100347		2.51	<1	1	<5	283	258	84	4.98	<0.5		
AD19-100348		2.41	<1	<1	<5	111	214	56	5.17	<0.5		
AD19-100349		2.36	1	<1	<5	100	175	53	4.94	<0.5		
AD19-100350		2.55	<1	<1	<5	80	173	51	4.91	<0.5		
AD19-100351		2.34	<1	<1	<5	100	180	55	5.09	<0.5		
AD19-100352		2.48	6	15	<5	339	447	85	6.74	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19212061

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
AD19-100353		1.36	<1	1	<5	2	1	1	13.40	<0.5		
AD19-100354		2.52	2	69	6	108	292	54	4.89	<0.5		
AD19-100355		2.49	2	3	<5	81	188	50	4.99	<0.5		
AD19-100356		2.63	1	1	<5	105	181	54	5.26	<0.5		
AD19-100357		2.59	5	4	<5	331	206	56	5.15	<0.5		
AD19-100358		2.58	1	3	<5	149	204	57	5.28	<0.5		
AD19-100359		2.54	8	310	18	296	393	88	4.83	<0.5		
AD19-100360		2.40	9	303	36	236	342	63	5.35	<0.5		
AD19-100361		2.26	4	4	<5	157	170	49	4.85	<0.5		
AD19-100362		2.38	2	13	<5	217	199	58	5.26	<0.5		
AD19-100363		2.47	7	1	<5	386	202	65	4.92	<0.5		
AD19-100364		2.38	1	1	<5	145	206	58	5.31	<0.5		
AD19-100365		2.40	<1	1	<5	211	219	63	5.16	<0.5		
AD19-100366		2.43	<1	1	<5	181	229	60	5.81	<0.5		
AD19-100367		2.50	5	193	24	276	259	69	5.29	<0.5		
AD19-100368		2.33	2	11	<5	225	203	63	5.58	<0.5		
AD19-100369		2.28	<1	46	5	169	218	63	5.99	<0.5		
AD19-100370		2.41	1	37	5	213	230	55	5.27	<0.5		
AD19-100371		2.16	<1	<1	<5	127	224	57	5.34	<0.5		
AD19-100372		2.44	9	332	32	412	441	75	5.78	<0.5		
AD19-100373		0.12	264	3460	798	>10000	>10000	1060	4.34	4.7	16050	45000
AD19-100374		1.50	5	37	<5	323	290	64	5.65	<0.5		
AD19-100375		1.56	8	188	15	437	463	83	5.96	<0.5		
AD19-100376		1.63	3	43	5	200	269	64	5.52	<0.5		
AD19-100377		2.34	4	11	<5	253	274	62	5.24	<0.5		
AD19-100378		2.54	1	2	<5	208	209	54	4.33	<0.5		
AD19-100379		2.55	2	10	<5	192	208	63	5.31	<0.5		
AD19-100380		2.45	2	10	<5	174	266	68	6.11	<0.5		
AD19-100381		2.62	2	30	<5	150	204	57	5.17	<0.5		
AD19-100382		2.48	1	4	<5	168	207	53	4.81	<0.5		
AD19-100383		2.40	<1	40	6	126	251	57	5.55	<0.5		
AD19-100384		2.55	1	<1	<5	137	260	60	5.97	<0.5		
AD19-100385		2.44	1	2	<5	125	226	60	5.71	<0.5		
AD19-100386		2.43	<1	5	<5	108	212	54	5.19	<0.5		
AD19-100387		2.42	3	7	<5	284	445	89	7.65	<0.5		
AD19-100388		2.41	10	98	8	308	374	77	6.35	<0.5		
AD19-100389		2.41	11	70	9	249	390	71	6.27	<0.5		
AD19-100390		0.07	72	607	301	4440	4340	114	3.99	2.1		

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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			