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: 11-NOV-2019
Account: MZI

CERTIFICATE TB19269230

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 25-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 TB19269230

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
PP19-101405		1.29	<1	<1	<5	2	2	<1	13.40	0.6		
PP19-101406		0.07	4550	2000	1260	90	88	65	0.27	0.9		
PP19-101407		2.51	90	634	92	715	920	87	7.59	0.6		
PP19-101408		2.43	41	170	8	575	559	72	5.32	0.5		
PP19-101409		2.55	24	186	6	487	520	78	5.46	<0.5		
PP19-101410		2.53	6	12	<5	323	370	62	5.15	0.5		
PP19-101411		2.38	23	106	<5	460	434	68	5.44	0.5		
PP19-101412		2.62	18	40	5	278	387	58	5.46	0.5		
PP19-101413		2.52	41	89	9	496	476	58	4.61	0.5		
PP19-101414		2.35	31	271	41	374	537	72	6.75	0.6		
PP19-101415		2.75	13	26	<5	339	507	82	8.30	<0.5		
PP19-101416		2.46	13	27	<5	536	809	102	9.91	0.7		
PP19-101417		2.60	7	4	<5	240	430	78	8.15	0.6		
PP19-101418		2.54	70	10	<5	210	235	53	5.48	<0.5		
PP19-101419		2.48	46	220	15	307	555	84	9.37	<0.5		
PP19-101420		2.53	16	51	<5	287	397	59	6.22	<0.5		
PP19-101421		2.86	10	93	10	160	437	70	8.06	<0.5		
PP19-101422		2.86	8	171	13	119	478	78	8.96	<0.5		
PP19-101423		2.62	6	146	12	118	393	70	8.20	<0.5		
PP19-101424		2.47	21	98	9	232	396	66	6.61	0.6		
PP19-101425		0.07	80	619	303	4560	4400	116	3.96	2.1		
PP19-101426		2.99	29	245	29	227	418	61	5.97	0.5		
PP19-101427		2.03	37	183	26	279	449	81	8.98	0.5		
PP19-101428		2.98	40	392	22	434	505	65	5.72	0.5		
PP19-101429		2.47	27	391	41	339	360	52	4.62	0.5		
PP19-101430		2.55	7	23	<5	226	269	55	5.23	0.6		
PP19-101431		2.52	2	<1	<5	139	316	70	7.57	<0.5		
PP19-101432		2.56	9	145	10	132	321	64	7.50	0.5		
PP19-101433		2.45	13	166	11	137	318	58	6.49	0.5		
PP19-101434		2.38	34	306	19	367	408	57	5.16	<0.5		
PP19-101435		2.50	17	157	8	255	302	59	5.58	<0.5		
PP19-101436		2.50	23	287	22	252	353	57	5.05	0.5		
PP19-101437		2.20	20	213	11	310	338	48	3.55	<0.5		
PP19-101438		2.77	14	120	13	171	242	49	5.22	<0.5		
PP19-101439		2.66	109	980	98	492	663	64	5.95	0.9		
PP19-101440		2.48	50	130	7	195	235	51	5.34	<0.5		
PP19-101441		2.51	26	288	19	239	335	53	5.42	0.6		
PP19-101442		2.63	13	41	<5	141	196	49	5.06	<0.5		
PP19-101443		2.38	4	29	<5	122	197	49	5.02	<0.5		
PP19-101444		2.53	1	6	<5	73	155	51	5.08	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19269230

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
PP19-101445		2.54	<1	<1	<5	1	5	<1	12.65	<0.5		
PP19-101446		2.47	2	35	<5	131	171	50	4.85	<0.5		
PP19-101447		2.44	4	119	7	139	205	48	4.73	<0.5		
PP19-101448		2.61	2	9	<5	81	160	48	4.94	<0.5		
PP19-101449		2.53	23	327	21	376	357	62	5.32	<0.5		
PP19-101450		2.58	9	222	9	183	234	56	4.87	<0.5		
PP19-101451		2.27	<1	18	<5	77	124	50	5.08	<0.5		
PP19-101452		2.53	1	11	<5	188	196	65	5.09	<0.5		
PP19-101453		2.45	2	30	<5	188	268	68	5.11	<0.5		
PP19-101454		2.41	<1	3	<5	154	233	58	4.84	<0.5		
PP19-101455		2.52	3	1	<5	126	168	48	4.84	<0.5		
PP19-101456		2.45	5	24	<5	134	211	50	5.39	<0.5		
PP19-101457		2.24	23	265	17	255	336	59	5.75	<0.5		
PP19-101458		2.39	4	1	<5	100	216	47	5.15	<0.5		
PP19-101459		2.29	14	375	36	161	308	41	4.00	<0.5		
PP19-101460		2.34	18	424	29	246	371	52	4.88	<0.5		
PP19-101461		2.43	23	225	14	241	355	58	5.40	<0.5		
PP19-101462		2.44	21	429	23	204	403	56	5.40	<0.5		
PP19-101463		2.67	5	12	<5	99	237	48	5.12	<0.5		
PP19-101464		2.38	10	119	9	155	286	52	5.52	<0.5		
PP19-101465		0.12	220	3460	819	>10000	>10000	1020	4.26	4.5	16200	45400
PP19-101466		2.43	36	267	19	298	417	56	5.39	<0.5		
PP19-101467		2.31	20	140	23	145	272	51	5.29	<0.5		
PP19-101468		2.20	32	430	29	362	449	59	5.02	<0.5		
PP19-101469		2.35	17	147	<5	258	338	53	4.78	<0.5		
PP19-101470		2.40	86	480	41	529	559	63	5.08	<0.5		
PP19-101471		2.25	69	533	61	428	503	64	5.62	<0.5		
PP19-101472		2.31	68	214	17	586	489	68	5.15	<0.5		
PP19-101473		2.40	417	2940	233	1580	1270	87	5.34	0.5		
PP19-101474		2.25	341	3000	236	1630	1310	85	5.14	0.6		
PP19-101475		2.28	38	382	19	265	485	56	5.05	<0.5		
PP19-101476		2.26	21	50	8	135	306	53	5.10	<0.5		
PP19-101477		2.18	18	39	<5	116	281	52	4.90	<0.5		
PP19-101478		2.25	45	256	20	206	355	54	4.79	<0.5		
PP19-101479		2.23	104	678	59	412	529	56	4.74	<0.5		
PP19-101480		2.20	68	494	37	333	447	60	4.99	<0.5		
PP19-101481		2.05	43	418	69	184	370	48	4.17	<0.5		
PP19-101482		0.07	114	626	306	4540	4600	114	4.08	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			