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: 8-AUG-2019
Account: MZI

CERTIFICATE TB19183333

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-JUL-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
CLAIRE MCGUINNESS	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:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19183333

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
AC19-100391		1.82	1	<1	<5	2	5	<1	12.90	<0.5		
AC19-100392		0.07	5170	2030	1320	88	89	65	0.27	0.7		
AC19-100393		2.27	24	117	15	427	140	26	1.33	<0.5		
AC19-100394		2.31	21	120	21	191	215	55	5.22	<0.5		
AC19-100395		2.39	14	73	13	241	343	54	5.47	0.6		
AC19-100396		2.41	22	280	29	377	288	52	4.95	0.6		
AC19-100397		2.36	14	35	7	243	335	61	6.08	<0.5		
AC19-100398		2.61	26	317	28	328	402	53	4.95	0.5		
AC19-100399		2.64	79	3340	145	712	720	65	5.19	1.0		
AC19-100400		2.57	99	268	48	476	525	54	5.31	<0.5		
AC19-100401		2.51	85	174	17	411	454	48	5.27	<0.5		
AC19-100402		2.53	50	238	35	517	523	53	5.12	<0.5		
AC19-100403		2.63	80	340	39	585	632	59	5.70	<0.5		
AC19-100404		2.50	83	922	136	768	815	62	5.90	0.5		
AC19-100405		2.45	42	151	21	219	423	53	5.80	0.6		
AC19-100406		2.50	105	729	76	536	628	56	6.04	<0.5		
AC19-100407		2.06	135	687	89	780	796	52	5.27	<0.5		
AC19-100408		2.38	106	368	48	359	507	49	5.77	<0.5		
AC19-100409		2.44	57	644	56	348	548	49	5.64	<0.5		
AC19-100410		2.51	206	1420	104	790	945	61	6.16	<0.5		
AC19-100411		0.07	88	606	302	4420	4300	116	3.98	2.2		
AC19-100412		2.29	84	576	53	466	652	62	6.35	0.6		
AC19-100413		1.92	90	920	91	501	631	58	5.99	<0.5		
AC19-100414		2.51	55	433	48	248	431	49	5.46	<0.5		
AC19-100415		2.59	65	743	65	311	519	40	5.01	<0.5		
AC19-100416		2.68	95	1400	126	384	839	48	4.99	<0.5		
AC19-100417		1.77	39	404	43	179	412	34	3.98	<0.5		
AC19-100418		1.92	40	474	59	258	422	36	3.96	<0.5		
AC19-100419		1.87	62	864	96	318	501	42	4.42	<0.5		
AC19-100420		1.99	158	1020	129	559	734	63	6.68	<0.5		
AC19-100421		1.80	19	300	68	132	415	60	6.87	<0.5		
AC19-100422		2.30	23	210	68	155	351	51	5.87	<0.5		
AC19-100423		1.86	124	1080	202	581	821	53	4.95	0.5		
AC19-100424		2.06	34	368	74	224	382	42	4.92	<0.5		
AC19-100425		1.91	39	228	56	188	357	38	4.60	<0.5		
AC19-100426		2.14	30	345	57	189	344	41	5.05	<0.5		
AC19-100427		2.38	54	762	95	459	652	44	4.77	<0.5		
AC19-100428		1.59	80	1350	101	786	820	44	4.48	<0.5		
AC19-100429		2.03	27	667	108	220	381	34	3.86	<0.5		
AC19-100430		2.02	15	300	62	116	376	33	4.04	<0.5		

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Finalized Date: 8-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19183333

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
AC19-100431		1.68	<1	<1	<5	1	2	<1	13.10	<0.5		
AC19-100432		2.06	45	318	68	280	420	37	4.56	<0.5		
AC19-100433		2.03	75	642	100	388	508	39	4.38	<0.5		
AC19-100434		2.00	49	609	86	217	454	37	4.20	<0.5		
AC19-100435		1.87	66	879	122	679	605	50	4.83	0.6		
AC19-100436		2.09	24	416	69	311	479	46	4.92	<0.5		
AC19-100437		1.89	20	473	84	137	377	34	4.03	<0.5		
AC19-100438		2.17	48	1230	134	607	677	62	4.82	0.7		
AC19-100439		1.96	24	506	31	348	448	58	5.03	<0.5		
AC19-100440		1.97	24	551	83	754	478	51	5.02	0.7		
AC19-100441		2.03	15	172	38	248	403	45	5.16	<0.5		
AC19-100442		2.00	4	314	69	46	376	37	4.44	<0.5		
AC19-100443		1.88	12	160	34	159	421	49	5.54	<0.5		
AC19-100444		2.22	8	214	34	139	425	51	5.73	<0.5		
AC19-100445		2.09	8	153	35	285	356	50	5.75	<0.5		
AC19-100446		1.94	9	316	81	117	415	52	6.83	<0.5		
AC19-100447		1.59	9	304	72	241	495	54	6.45	<0.5		
AC19-100448		1.09	5	194	63	98	401	50	6.49	<0.5		
AC19-100449		1.55	10	227	53	174	384	55	6.48	<0.5		
AC19-100450		2.09	6	190	74	86	402	54	6.90	<0.5		
AC19-100451		0.12	296	3500	793	>10000	>10000	960	3.91	4.2	16150	45100
AC19-100452		2.25	27	365	88	158	463	56	6.45	<0.5		
AC19-100453		2.14	10	206	66	80	427	51	6.64	<0.5		
AC19-100454		2.06	21	312	62	139	473	54	6.91	<0.5		
AC19-100455		2.05	39	447	47	279	427	59	5.04	<0.5		
AC19-100456		2.08	13	208	63	106	417	52	6.69	<0.5		
AC19-100457		2.08	11	189	64	104	417	51	6.61	<0.5		
AC19-100458		2.10	10	233	49	110	426	52	6.62	<0.5		
AC19-100459		2.08	12	377	84	99	501	64	8.60	<0.5		
AC19-100460		2.10	16	431	98	103	505	67	8.76	<0.5		
AC19-100461		2.04	61	533	96	331	634	66	8.06	<0.5		
AC19-100462		2.15	69	448	66	346	567	68	6.91	1.3		
AC19-100463		2.14	186	662	99	673	643	74	7.37	<0.5		
AC19-100464		2.12	114	1080	155	505	794	73	8.02	0.5		
AC19-100465		1.99	55	654	126	219	563	66	8.28	<0.5		
AC19-100466		2.22	10	417	102	88	510	67	8.77	<0.5		
AC19-100467		2.17	18	517	105	156	585	69	8.94	<0.5		
AC19-100468		0.07	76	602	290	4490	4410	118	4.03	2.3		

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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			