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: 31-AUG-2019
Account: MZI

CERTIFICATE TB19194530

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 7-AUG-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 TB19194530

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
AC19-100703		1.37	<1	<1	<5	<1	<1	<1	12.75	<0.5		
AC19-100704		0.07	4600	1990	1280	86	83	65	0.27	0.9		
AC19-100705		2.31	29	191	23	235	549	70	8.35	<0.5		
AC19-100706		2.33	17	163	20	158	539	72	9.02	<0.5		
AC19-100707		2.01	18	111	15	222	534	63	7.78	<0.5		
AC19-100708		2.50	25	210	19	244	531	61	7.27	<0.5		
AC19-100709		2.35	21	128	17	182	436	53	6.46	<0.5		
AC19-100710		2.36	20	129	18	185	409	52	6.12	<0.5		
AC19-100711		2.33	61	128	28	471	536	63	6.57	<0.5		
AC19-100712		2.20	35	197	25	390	537	63	6.74	<0.5		
AC19-100713		2.44	29	32	13	366	501	61	6.49	<0.5		
AC19-100714		2.26	132	462	39	539	643	59	6.03	<0.5		
AC19-100715		2.36	41	283	40	451	505	58	6.54	0.5		
AC19-100716		2.36	38	123	20	323	443	59	6.31	<0.5		
AC19-100717		2.33	45	83	16	310	453	60	6.67	<0.5		
AC19-100718		2.39	50	244	28	438	547	56	6.25	<0.5		
AC19-100719		2.34	43	103	17	288	488	58	6.46	<0.5		
AC19-100720		2.36	18	26	10	224	388	56	6.36	<0.5		
AC19-100721		2.32	68	376	34	514	687	63	6.33	<0.5		
AC19-100722		2.33	101	652	57	584	680	59	5.75	<0.5		
AC19-100723		0.07	69	622	312	4410	4310	113	3.93	2.2		
AC19-100724		2.43	58	337	30	458	533	57	5.50	<0.5		
AC19-100725		2.35	53	267	23	446	502	56	5.42	<0.5		
AC19-100726		2.26	175	812	81	640	721	58	5.23	<0.5		
AC19-100727		2.39	45	437	46	362	525	58	5.51	<0.5		
AC19-100728		2.37	50	256	27	428	456	57	5.65	<0.5		
AC19-100729		2.12	37	183	23	320	432	54	5.31	<0.5		
AC19-100730		2.17	42	132	26	392	441	53	5.33	<0.5		
AC19-100731		2.18	92	894	105	848	1025	67	5.34	0.5		
AC19-100732		2.05	67	291	29	595	579	57	5.45	<0.5		
AC19-100733		2.16	46	524	52	448	607	60	5.38	<0.5		
AC19-100734		2.21	23	158	26	289	450	55	5.46	<0.5		
AC19-100735		2.15	14	30	13	194	366	56	6.33	<0.5		
AC19-100736		2.27	13	32	11	225	407	57	6.46	<0.5		
AC19-100737		2.22	18	291	42	185	366	50	4.85	<0.5		
AC19-100738		2.25	20	85	22	207	397	61	6.75	<0.5		
AC19-100739		2.22	11	35	14	154	347	58	6.47	<0.5		
AC19-100740		2.41	16	102	21	170	381	63	6.82	<0.5		
AC19-100741		2.12	27	63	22	299	388	55	6.07	<0.5		
AC19-100742		2.24	76	317	45	493	605	51	4.84	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19194530

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
AC19-100743		1.67	1	<1	<5	2	1	<1	12.80	<0.5		
AC19-100744		2.25	79	338	33	490	600	58	5.40	<0.5		
AC19-100745		2.34	9	20	<5	182	295	47	5.22	<0.5		
AC19-100746		2.24	37	162	23	300	447	55	5.28	<0.5		
AC19-100747		2.18	18	53	15	152	265	51	4.72	<0.5		
AC19-100748		2.30	27	279	44	221	413	59	5.87	<0.5		
AC19-100749		2.25	18	125	17	215	318	47	5.05	<0.5		
AC19-100750		2.31	28	152	17	319	358	49	4.76	<0.5		
AC19-100751		2.27	28	56	12	354	385	51	5.09	<0.5		
AC19-100752		2.23	20	44	8	298	374	49	5.17	<0.5		
AC19-100753		2.13	13	85	9	235	369	51	5.35	<0.5		
AC19-100754		2.08	13	68	6	215	337	47	5.21	<0.5		
AC19-100755		2.19	15	319	35	215	428	55	5.64	<0.5		
AC19-100756		2.31	22	104	14	322	391	56	5.75	<0.5		
AC19-100757		2.37	23	113	17	410	497	56	5.60	<0.5		
AC19-100758		2.33	43	215	24	349	418	53	5.57	<0.5		
AC19-100759		2.25	38	43	10	344	369	55	5.29	<0.5		
AC19-100760		2.24	38	120	18	334	380	54	5.77	<0.5		
AC19-100761		2.17	54	887	79	488	607	50	4.18	0.5		
AC19-100762		2.18	20	289	26	301	406	50	5.34	<0.5		
AC19-100763		0.08	220	3260	770	>10000	>10000	964	4.02	3.9	16200	45800
AC19-100764		2.24	9	28	15	181	288	41	4.49	<0.5		
AC19-100765		2.14	47	327	34	392	413	51	5.18	<0.5		
AC19-100766		2.30	326	2400	184	1405	1295	77	4.62	0.7		
AC19-100767		2.25	136	1370	97	1005	844	64	4.83	<0.5		
AC19-100768		2.18	39	153	20	403	459	56	5.84	<0.5		
AC19-100769		2.16	30	108	16	331	410	49	5.49	<0.5		
AC19-100770		2.15	21	266	25	191	472	52	5.81	<0.5		
AC19-100771		2.09	21	98	15	224	421	51	6.16	<0.5		
AC19-100772		2.17	46	557	55	491	757	61	6.19	<0.5		
AC19-100773		2.09	52	951	88	463	735	61	5.89	0.5		
AC19-100774		2.21	13	147	23	191	483	62	7.10	<0.5		
AC19-100775		2.15	50	460	33	539	653	58	5.99	<0.5		
AC19-100776		2.07	63	623	60	724	668	50	5.14	0.5		
AC19-100777		2.15	30	789	48	365	647	56	5.23	<0.5		
AC19-100778		2.45	41	549	69	461	642	62	5.31	<0.5		
AC19-100779		2.24	18	122	16	200	363	56	5.86	<0.5		
AC19-100780		0.07	116	611	300	4200	4060	111	3.86	1.8		

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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			