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: 6-OCT-2019
Account: MZI

CERTIFICATE TB19228740

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 12-SEP-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 TB19228740

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
AD19-100703		2.03	1	2	<5	1	2	<1	12.75	<0.5		
AD19-100704		0.07	4450	2030	1310	87	85	61	0.26	0.6		
AD19-100705		2.35	16	346	44	333	435	53	5.78	<0.5		
AD19-100706		2.27	11	150	37	264	536	61	7.05	<0.5		
AD19-100707		2.24	13	227	48	252	480	61	7.02	<0.5		
AD19-100708		1.53	14	330	68	262	547	62	7.46	<0.5		
AD19-100709		1.74	13	367	103	157	493	65	7.62	<0.5		
AD19-100710		1.55	<1	7	<5	89	46	40	2.24	<0.5		
AD19-100711		2.37	1	3	<5	33	45	21	1.28	<0.5		
AD19-100712		2.47	<1	<1	<5	83	26	36	1.86	<0.5		
AD19-100713		2.66	7	224	21	195	166	41	2.86	<0.5		
AD19-100714		1.96	<1	<1	<5	13	2	4	0.41	<0.5		
AD19-100715		2.19	<1	<1	<5	29	3	4	0.42	<0.5		
AD19-100716		2.19	1	1	<5	21	6	8	0.55	<0.5		
AD19-100717		2.17	1	<1	<5	25	7	8	0.58	<0.5		
AD19-100718		2.27	1	2	<5	37	47	22	1.42	<0.5		
AD19-100719		1.60	2	25	<5	104	264	52	5.22	<0.5		
AD19-100720		1.46	3	2	<5	75	216	48	4.85	<0.5		
AD19-100721		2.07	6	291	24	236	326	55	4.70	<0.5		
AD19-100722		2.21	6	75	6	320	375	60	5.12	<0.5		
AD19-100723		0.07	74	611	294	4720	4450	113	3.93	2.0		
AD19-100724		2.23	6	31	<5	273	297	51	4.96	<0.5		
AD19-100725		2.00	3	1	<5	144	252	52	4.87	<0.5		
AD19-100726		2.19	4	1	<5	203	276	55	5.10	<0.5		
AD19-100727		2.11	4	1	<5	111	211	49	5.05	<0.5		
AD19-100728		2.18	9	85	<5	206	256	50	4.79	<0.5		
AD19-100729		2.11	5	97	8	143	229	51	5.28	<0.5		
AD19-100730		1.97	11	376	28	162	270	53	5.04	<0.5		
AD19-100731		2.00	4	3	<5	109	196	48	4.80	<0.5		
AD19-100732		1.98	3	<1	<5	109	178	47	4.58	<0.5		
AD19-100733		2.08	5	62	<5	138	220	53	5.04	<0.5		
AD19-100734		2.08	3	11	<5	157	220	55	5.30	<0.5		
AD19-100735		2.12	1	2	<5	132	193	54	5.24	<0.5		
AD19-100736		2.19	2	83	7	85	204	51	4.90	<0.5		
AD19-100737		2.10	2	1	<5	92	231	55	5.31	<0.5		
AD19-100738		2.01	2	1	<5	80	215	53	5.29	<0.5		
AD19-100739		2.15	2	24	<5	66	181	40	4.27	<0.5		
AD19-100740		2.14	4	1	<5	207	334	57	5.22	<0.5		
AD19-100741		1.65	6	270	24	329	226	52	5.06	<0.5		
AD19-100742		2.15	3	8	<5	162	204	55	5.22	<0.5		

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Finalized Date: 6-OCT-2019
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Project: 18-101

CERTIFICATE OF ANALYSIS TB19228740

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
AD19-100743		1.65	<1	<1	<5	1	2	<1	13.60	<0.5		
AD19-100744		2.04	2	1	<5	161	204	53	5.05	<0.5		
AD19-100745		3.05	1	2	<5	79	229	49	5.13	<0.5		
AD19-100746		2.30	7	3	<5	365	224	48	4.64	<0.5		
AD19-100747		2.30	3	2	<5	202	171	40	3.88	<0.5		
AD19-100748		2.10	2	1	<5	147	162	40	3.91	<0.5		
AD19-100749		2.28	2	1	<5	195	229	48	4.38	<0.5		
AD19-100750		2.26	3	1	<5	149	192	53	5.00	<0.5		
AD19-100751		2.35	3	<1	<5	133	168	48	4.48	<0.5		
AD19-100752		2.28	2	<1	<5	89	169	49	5.07	<0.5		
AD19-100753		2.23	4	43	<5	126	164	52	5.24	<0.5		
AD19-100754		2.44	16	617	52	549	510	84	5.59	<0.5		
AD19-100755		2.31	15	270	21	336	336	61	4.71	<0.5		
AD19-100756		2.26	3	4	<5	133	223	53	5.20	<0.5		
AD19-100757		2.39	5	8	<5	253	308	67	6.31	<0.5		
AD19-100758		2.18	6	9	<5	317	287	77	6.53	<0.5		
AD19-100759		2.31	<1	1	<5	105	253	58	6.27	<0.5		
AD19-100760		2.38	1	1	<5	77	216	52	5.37	<0.5		
AD19-100761		2.33	3	33	<5	184	291	80	6.55	<0.5		
AD19-100762		2.29	3	5	<5	217	253	79	6.56	<0.5		
AD19-100763		0.12	285	3560	823	>10000	>10000	963	3.92	19.0	16200	46500
AD19-100764		2.30	3	17	<5	196	291	59	5.37	<0.5		
AD19-100765		2.26	8	37	5	399	471	69	5.39	<0.5		
AD19-100766		2.11	10	136	12	488	551	74	5.97	<0.5		
AD19-100767		2.01	10	19	<5	461	465	66	5.30	<0.5		
AD19-100768		2.18	14	18	<5	708	738	83	6.17	<0.5		
AD19-100769		2.19	8	6	<5	297	399	57	4.93	<0.5		
AD19-100770		2.47	1	18	<5	80	308	49	4.97	<0.5		
AD19-100771		2.09	13	32	<5	620	724	93	7.56	<0.5		
AD19-100772		2.14	7	4	<5	328	404	64	5.47	<0.5		
AD19-100773		2.35	3	3	<5	238	354	67	6.37	<0.5		
AD19-100774		2.17	2	21	<5	115	199	45	4.67	<0.5		
AD19-100775		2.29	5	11	<5	284	359	64	6.07	<0.5		
AD19-100776		2.27	10	67	5	320	375	60	5.31	<0.5		
AD19-100777		2.30	2	3	<5	189	347	78	7.83	<0.5		
AD19-100778		2.19	5	12	<5	346	699	94	5.98	<0.5		
AD19-100779		1.94	3	3	<5	116	224	51	4.58	<0.5		
AD19-100780		0.07	73	590	289	4540	4380	116	4.02	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			