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: 28-NOV-2019
Account: MZI

CERTIFICATE TB19280362

Project: 18-300

P.O. No.: 212623

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-NOV-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
STU GIBBINS	MARK LACOMBE	LINETTE MACINNIS
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:

Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS TB19280362

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
PP19-102965		2.16	<1	1	<5	1	3	<1	10.65	<0.5		
PP19-102966		0.07	4340	2060	1310	86	84	62	0.26	0.6		
PP19-102967		1.50	24	2220	312	224	964	33	1.79	0.5		
PP19-102968		1.84	39	502	103	275	493	38	4.26	<0.5		
PP19-102969		1.75	122	949	187	837	777	47	4.24	0.6		
PP19-102970		2.30	77	799	130	584	630	45	4.55	0.7		
PP19-102971		2.38	221	1770	157	1135	1180	75	5.11	1.7		
PP19-102972		2.37	41	585	227	308	522	46	4.89	0.5		
PP19-102973		2.06	39	478	125	285	479	50	6.39	<0.5		
PP19-102974		2.86	50	519	149	259	499	53	6.22	0.6		
PP19-102975		2.47	34	381	86	233	438	53	6.12	<0.5		
PP19-102976		2.38	132	1360	198	957	1040	51	3.55	0.7		
PP19-102977		2.45	197	1050	140	519	724	61	6.04	0.6		
PP19-102978		2.47	144	4790	319	1935	3820	158	4.24	0.9		
PP19-102979		2.39	41	402	73	264	508	58	6.20	<0.5		
PP19-102980		2.26	76	487	107	443	587	59	6.41	<0.5		
PP19-102981		2.34	80	591	134	485	609	61	6.55	0.5		
PP19-102982		2.35	87	800	154	536	508	41	4.57	0.5		
PP19-102983		2.40	53	501	63	336	483	57	6.20	<0.5		
PP19-102984		2.40	105	862	143	499	553	51	5.82	<0.5		
PP19-102985		0.07	59	627	300	4460	4300	117	4.00	1.7		
PP19-102986		2.25	209	1860	228	1450	1125	49	2.94	1.3		
PP19-102987		2.41	96	2270	377	572	887	36	2.49	<0.5		
PP19-102988		2.32	113	858	100	550	722	44	3.61	<0.5		
PP19-102989		2.44	32	299	50	415	433	50	4.62	<0.5		
PP19-102990		2.40	37	51	9	403	80	30	1.60	<0.5		
PP19-102991		2.42	11	165	48	157	167	41	3.65	<0.5		
PP19-102992		1.48	3	487	153	11	560	68	10.10	<0.5		
PP19-102993		2.30	3	128	24	83	119	38	2.89	<0.5		
PP19-102994		2.92	11	416	229	55	489	59	9.02	<0.5		
PP19-102995		2.22	9	390	137	60	510	64	9.21	<0.5		
PP19-102996		2.37	10	331	120	48	499	60	8.56	<0.5		
PP19-102997		1.65	74	1380	118	559	848	53	5.29	<0.5		
PP19-102998		2.83	55	656	74	385	576	53	6.76	<0.5		
PP19-102999		2.08	36	579	129	282	599	66	9.28	<0.5		
PP19-103000		2.41	72	594	138	244	634	67	9.91	<0.5		
PP19-103001		2.44	20	446	140	92	554	72	10.20	<0.5		
PP19-103002		2.48	16	505	142	87	556	69	9.72	<0.5		
PP19-103003		2.43	11	421	144	77	564	70	10.15	<0.5		
PP19-103004		2.37	14	489	153	84	626	75	11.05	<0.5		

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CERTIFICATE OF ANALYSIS TB19280362

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
PP19-103005		1.94	<1	2	<5	2	1	1	12.40	<0.5		
PP19-103006		2.50	9	450	142	69	625	77	11.25	<0.5		
PP19-103007		2.51	8	449	155	65	593	76	10.95	<0.5		
PP19-103008		2.44	8	469	156	69	582	73	10.75	<0.5		
PP19-103009		2.30	7	448	162	66	571	70	10.65	<0.5		
PP19-103010		2.41	34	2230	274	99	683	68	9.84	<0.5		
PP19-103011		2.49	12	435	148	84	515	66	9.58	<0.5		
PP19-103012		2.45	8	419	144	69	515	64	9.08	<0.5		
PP19-103013		2.35	7	449	170	62	278	32	4.01	<0.5		
PP19-103014		2.28	8	378	150	74	409	52	6.62	<0.5		
PP19-103015		2.40	5	437	176	62	329	43	5.66	<0.5		
PP19-103016		2.46	7	633	158	52	400	42	5.88	<0.5		
PP19-103017		2.19	4	297	163	30	248	32	4.13	<0.5		
PP19-103018		2.40	7	339	180	53	342	49	6.47	<0.5		
PP19-103019		2.37	5	289	167	57	284	41	5.34	<0.5		
PP19-103020		2.43	4	271	167	60	277	42	5.18	<0.5		
PP19-103021		2.36	6	267	145	61	264	39	5.01	<0.5		
PP19-103022		2.36	4	311	177	60	271	40	4.82	<0.5		
PP19-103023		2.86	11	414	208	87	481	67	9.27	<0.5		
PP19-103024		2.17	20	562	115	68	405	54	7.45	<0.5		
PP19-103025		0.12	214	3280	763	>10000	>10000	964	4.02	3.8	17300	48600
PP19-103026		2.26	13	555	194	88	526	64	8.85	<0.5		
PP19-103027		2.93	13	454	206	69	504	67	9.40	<0.5		
PP19-103028		2.63	14	410	200	92	578	69	9.84	<0.5		
PP19-103029		2.51	13	385	200	69	545	72	10.35	<0.5		
PP19-103030		2.30	12	377	174	65	512	67	9.79	<0.5		
PP19-103031		2.69	9	431	199	51	532	70	10.00	<0.5		
PP19-103032		2.59	11	343	149	62	488	63	8.85	<0.5		
PP19-103033		2.35	14	310	145	78	476	67	8.97	<0.5		
PP19-103034		2.27	8	232	101	62	323	46	5.65	<0.5		
PP19-103035		2.32	5	145	71	39	230	30	3.67	<0.5		
PP19-103036		2.46	4	153	61	25	211	27	3.52	<0.5		
PP19-103037		2.27	6	104	60	54	196	28	3.29	<0.5		
PP19-103038		2.42	5	108	57	36	197	28	3.26	<0.5		
PP19-103039		2.39	6	101	58	46	184	27	3.09	<0.5		
PP19-103040		2.44	2	162	89	19	199	26	3.36	<0.5		
PP19-103041		2.44	6	221	99	54	265	35	4.81	<0.5		
PP19-103042		0.07	67	613	315	4600	4370	116	4.05	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			