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-DEC-2019
Account: MZI

CERTIFICATE TB19295682

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 21-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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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
PP19-103823		1.93	<1	<1	<5	2	3	<1	11.90	<0.5		
PP19-103824		0.07	4740	1940	1260	88	88	62	0.27	0.6		
PP19-103825		2.62	9	14	14	150	226	51	4.48	<0.5		
PP19-103826		2.59	9	23	12	170	277	71	6.02	<0.5		
PP19-103827		2.55	10	50	20	157	295	75	6.51	<0.5		
PP19-103828		2.74	7	17	9	139	233	57	5.12	<0.5		
PP19-103829		2.47	7	2	<5	104	218	47	4.55	<0.5		
PP19-103830		2.49	6	1	<5	149	235	49	4.62	<0.5		
PP19-103831		4.27	52	402	30	420	433	49	4.66	<0.5		
PP19-103832		2.48	179	1320	171	980	924	51	5.46	0.5		
PP19-103833		2.35	158	1140	159	471	720	43	4.46	<0.5		
PP19-103834		2.42	330	1560	139	875	1100	60	6.20	0.7		
PP19-103835		2.24	73	628	70	358	597	49	5.86	0.5		
PP19-103836		2.37	714	3310	275	1815	1475	66	6.14	1.0		
PP19-103837		2.08	204	1430	175	894	803	45	4.46	0.7		
PP19-103838		2.21	19	390	53	129	424	35	4.84	<0.5		
PP19-103839		2.23	152	955	108	523	679	39	4.21	<0.5		
PP19-103840		2.21	170	2000	173	1150	1230	57	4.59	0.5		
PP19-103841		2.28	383	2780	297	1365	1420	66	4.91	0.5		
PP19-103842		2.14	81	1490	165	462	693	37	3.69	<0.5		
PP19-103843		0.07	87	596	297	4550	4450	116	4.01	1.9		
PP19-103844		2.20	86	2260	241	603	816	39	2.88	<0.5		
PP19-103845		2.40	500	4810	376	1820	2150	112	7.61	0.5		
PP19-103846		2.39	394	2680	239	1250	1645	88	7.45	<0.5		
PP19-103847		2.51	199	1020	182	391	666	52	5.97	<0.5		
PP19-103848		2.25	98	1070	146	450	738	51	5.76	<0.5		
PP19-103849		2.19	374	2850	273	1370	1265	65	4.70	<0.5		
PP19-103850		2.27	84	980	135	459	617	48	5.01	<0.5		
PP19-103851		2.24	25	844	172	99	370	34	4.34	<0.5		
PP19-103852		2.26	33	484	130	175	357	43	5.34	<0.5		
PP19-103853		2.29	27	681	227	121	466	58	7.78	<0.5		
PP19-103854		2.49	58	557	89	283	500	51	6.14	<0.5		
PP19-103855		2.19	14	213	71	92	372	48	6.27	<0.5		
PP19-103856		2.36	12	274	86	102	400	54	6.86	<0.5		
PP19-103857		2.42	11	338	128	92	483	64	8.41	<0.5		
PP19-103858		2.15	15	332	152	105	488	65	8.68	<0.5		
PP19-103859		2.75	75	496	184	625	762	67	7.06	<0.5		
PP19-103860		2.23	27	590	121	105	330	41	5.18	<0.5		
PP19-103861		2.33	35	483	168	138	371	45	5.56	<0.5		
PP19-103862		2.32	22	160	89	120	309	45	5.24	<0.5		

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CERTIFICATE OF ANALYSIS TB19295682

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
PP19-103863		2.19	<1	<1	<5	1	2	<1	11.85	<0.5		
PP19-103864		2.29	25	337	77	121	398	42	5.12	<0.5		
PP19-103865		2.34	18	313	70	106	326	43	5.45	<0.5		
PP19-103866		2.36	55	806	195	275	308	37	4.03	<0.5		
PP19-103867		2.30	89	2240	423	331	477	50	5.51	<0.5		
PP19-103868		2.46	16	239	100	113	370	55	6.36	<0.5		
PP19-103869		2.20	17	487	101	151	395	57	6.83	<0.5		
PP19-103870		2.54	147	1500	152	698	674	41	3.66	<0.5		
PP19-103871		2.27	20	619	73	148	337	28	3.39	<0.5		
PP19-103872		2.35	2	131	40	23	288	29	3.54	<0.5		
PP19-103873		2.37	20	614	100	222	418	37	3.72	<0.5		
PP19-103874		2.38	7	613	89	65	472	34	3.54	<0.5		
PP19-103875		2.22	9	982	116	48	590	33	3.02	<0.5		
PP19-103876		2.34	5	375	68	77	359	29	3.28	<0.5		
PP19-103877		2.35	163	4980	409	2770	2020	83	3.17	2.8		
PP19-103878		2.36	42	947	142	588	493	33	2.60	<0.5		
PP19-103879		2.21	4	279	66	48	244	21	2.24	<0.5		
PP19-103880		2.22	21	833	241	170	326	31	3.56	<0.5		
PP19-103881		2.24	36	587	171	261	441	38	4.29	<0.5		
PP19-103882		2.41	51	2140	566	712	1065	54	4.24	0.5		
PP19-103883		0.12	265	3430	808	>10000	>10000	984	3.98	4.0	16000	45000
PP19-103884		2.20	103	1830	314	1000	1175	55	4.94	<0.5		
PP19-103885		2.38	9	351	70	119	376	26	2.79	<0.5		
PP19-103886		2.37	6	260	73	100	305	27	2.97	<0.5		
PP19-103887		2.46	45	284	62	291	231	42	2.74	<0.5		
PP19-103888		2.57	12	585	122	72	590	63	5.85	<0.5		
PP19-103889		2.26	2	48	8	79	63	33	1.87	<0.5		
PP19-103890		2.27	1	1	<5	41	20	32	1.57	<0.5		
PP19-103891		2.62	1	<1	<5	56	36	43	2.23	<0.5		
PP19-103892		3.01	2	33	9	46	76	34	2.37	<0.5		
PP19-103893		1.73	13	449	133	67	493	57	8.40	<0.5		
PP19-103894		2.46	35	4230	477	56	620	72	11.00	<0.5		
PP19-103895		2.42	6	375	121	60	582	68	10.65	<0.5		
PP19-103896		2.79	6	392	127	60	623	75	11.55	<0.5		
PP19-103897		2.70	6	367	121	65	625	75	11.65	<0.5		
PP19-103898		2.81	7	393	128	70	634	77	11.85	<0.5		
PP19-103899		2.62	5	424	123	64	595	72	11.00	<0.5		
PP19-103900		0.07	118	601	277	4570	4500	116	4.03	2.1		

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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			