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: 29-OCT-2019
Account: MZI

CERTIFICATE TB19253551

Project: 18-300

P.O. No.: 212623

This report is for 56 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-OCT-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 TB19253551

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
PP19-101661		2.43	8	18	8	306	619	77	9.26	<0.5		
PP19-101662		2.34	15	24	9	521	844	80	8.33	<0.5		
PP19-101663		2.59	13	24	6	472	707	88	9.68	0.8		
PP19-101664		2.61	14	35	8	507	734	90	8.99	0.6		
PP19-101665		2.58	8	151	13	232	531	89	10.95	0.6		
PP19-101666		2.34	9	71	8	304	544	77	8.91	<0.5		
PP19-101667		2.37	5	42	6	218	488	66	7.43	<0.5		
PP19-101668		2.31	7	31	5	192	452	71	8.13	0.6		
PP19-101669		2.45	9	4	<5	368	427	55	5.09	<0.5		
PP19-101670		2.46	18	128	17	529	613	64	5.53	<0.5		
PP19-101671		2.33	12	117	13	320	547	77	8.62	0.5		
PP19-101672		2.58	7	45	7	336	524	72	7.06	0.5		
PP19-101673		2.58	13	154	19	366	408	56	5.22	0.5		
PP19-101674		2.64	13	131	15	462	495	62	5.35	<0.5		
PP19-101675		2.51	4	22	<5	201	301	46	4.94	<0.5		
PP19-101676		2.33	11	7	<5	378	375	51	4.93	0.7		
PP19-101677		2.62	11	63	6	317	421	57	5.16	0.6		
PP19-101678		2.38	10	13	<5	403	539	71	6.45	0.6		
PP19-101679		2.00	<1	<1	<5	1	6	<1	11.25	<0.5		
PP19-101680		2.51	14	10	<5	490	540	66	5.82	<0.5		
PP19-101681		2.37	7	6	<5	361	459	69	7.34	<0.5		
PP19-101682		2.51	6	13	<5	316	438	69	8.02	0.5		
PP19-101683		2.43	22	76	13	439	620	70	6.14	0.6		
PP19-101684		2.41	9	47	<5	398	459	58	5.41	<0.5		
PP19-101685		2.38	19	175	17	474	530	62	5.51	0.6		
PP19-101686		2.51	6	4	<5	318	389	53	5.06	<0.5		
PP19-101687		2.22	6	20	<5	337	393	54	5.25	0.6		
PP19-101688		1.90	5	6	<5	482	524	66	6.26	0.8		
PP19-101689		2.65	10	8	<5	392	560	77	8.10	<0.5		
PP19-101690		2.45	7	5	<5	491	629	79	7.92	0.8		
PP19-101691		2.60	27	20	<5	629	744	86	7.28	0.7		
PP19-101692		2.50	27	106	8	606	603	75	6.99	3.6		
PP19-101693		2.55	9	34	6	370	432	60	5.86	0.5		
PP19-101694		2.59	5	1	<5	349	412	59	6.06	0.5		
PP19-101695		2.54	58	653	54	857	548	69	5.46	0.7		
PP19-101696		2.58	141	1910	176	867	754	80	5.91	0.7		
PP19-101697		2.43	24	34	5	410	425	57	5.45	<0.5		
PP19-101698		2.72	25	241	26	575	598	67	4.87	1.3		
PP19-101699		0.12	270	3410	795	>10000	>10000	941	3.83	4.6	16050	45700
PP19-101700		2.46	30	419	44	531	682	70	4.88	<0.5		

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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
PP19-101701		2.19	10	16	<5	278	399	45	4.18	0.7		
PP19-101702		2.50	6	4	<5	208	299	44	4.53	<0.5		
PP19-101703		2.43	7	5	<5	248	356	52	5.13	<0.5		
PP19-101704		2.48	7	60	7	292	413	58	5.61	<0.5		
PP19-101705		2.39	22	114	12	664	626	65	4.48	0.6		
PP19-101706		2.50	16	21	<5	516	483	60	4.49	0.5		
PP19-101707		2.44	19	51	10	524	485	65	5.13	<0.5		
PP19-101708		2.40	6	22	5	462	542	75	7.25	0.6		
PP19-101709		2.41	17	232	21	504	511	63	5.22	<0.5		
PP19-101710		2.50	11	16	<5	576	537	58	4.68	0.7		
PP19-101711		2.46	9	78	8	344	405	56	4.46	<0.5		
PP19-101712		2.38	4	2	<5	246	324	49	4.72	0.5		
PP19-101713		2.57	8	10	<5	467	597	75	6.90	0.9		
PP19-101714		2.60	10	29	<5	421	506	56	4.72	<0.5		
PP19-101715		2.54	10	65	6	538	620	64	4.69	0.7		
PP19-101716		0.07	99	604	304	4400	4200	109	3.78	2.7		

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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			