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: 12-NOV-2019
Account: MZI

CERTIFICATE TB19268349

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 24-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 TB19268349

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
PP19-102419		1.87	<1	<1	<5	1	<1	<1	12.05	<0.5		
PP19-102420		0.07	4700	2020	1310	92	89	67	0.28	0.8		
PP19-102421		2.29	9	330	35	151	503	62	8.03	<0.5		
PP19-102422		2.15	5	122	10	127	268	40	4.51	<0.5		
PP19-102423		2.36	1	26	<5	48	438	63	9.27	<0.5		
PP19-102424		2.15	2	246	11	48	469	59	7.87	<0.5		
PP19-102425		2.26	6	286	24	133	584	57	6.84	<0.5		
PP19-102426		2.37	11	453	41	233	587	67	7.20	<0.5		
PP19-102427		2.38	1	9	<5	63	436	63	9.18	<0.5		
PP19-102428		2.34	17	324	32	163	503	64	9.17	<0.5		
PP19-102429		2.43	45	920	80	779	1120	101	9.39	<0.5		
PP19-102430		2.29	8	53	8	146	619	68	8.97	<0.5		
PP19-102431		2.19	1	2	<5	93	1365	131	15.45	<0.5		
PP19-102432		2.29	4	231	16	91	639	71	9.16	<0.5		
PP19-102433		2.23	4	265	18	74	455	62	8.63	<0.5		
PP19-102434		2.30	5	7	<5	206	464	67	7.58	<0.5		
PP19-102435		2.10	18	33	5	199	1005	107	12.80	<0.5		
PP19-102436		2.23	1	29	<5	111	1090	117	14.45	<0.5		
PP19-102437		2.28	3	<1	<5	143	1045	115	14.35	<0.5		
PP19-102438		2.34	4	<1	<5	132	914	105	13.15	<0.5		
PP19-102439		0.07	78	597	303	4280	4230	112	3.83	2.0		
PP19-102440		2.15	2	29	6	74	855	99	12.85	0.5		
PP19-102441		2.22	3	7	<5	72	741	87	11.45	<0.5		
PP19-102442		1.47	12	496	44	161	682	74	8.20	<0.5		
PP19-102443		2.28	<1	45	6	31	305	34	4.43	<0.5		
PP19-102444		2.77	7	10	<5	127	430	49	5.80	<0.5		
PP19-102445		2.12	1	15	<5	44	339	37	4.59	<0.5		
PP19-102446		2.40	6	283	24	153	445	49	4.62	<0.5		
PP19-102447		1.96	1	4	<5	32	19	3	0.20	<0.5		
PP19-102448		2.05	7	92	7	152	876	101	12.60	<0.5		
PP19-102449		2.03	<1	150	16	87	1080	115	13.60	<0.5		
PP19-102450		2.16	3	42	<5	101	1030	112	13.65	0.5		
PP19-102451		2.10	10	30	5	162	948	113	13.65	<0.5		
PP19-102452		2.02	12	1	<5	262	1060	119	13.80	<0.5		
PP19-102453		2.17	6	74	7	176	1030	115	13.45	<0.5		
PP19-102454		2.38	2	<1	<5	87	934	108	13.10	<0.5		
PP19-102455		2.11	19	7	8	590	937	98	11.30	<0.5		
PP19-102456		2.13	9	292	19	220	521	67	6.41	0.5		
PP19-102457		2.18	3	47	<5	92	382	55	6.61	0.5		
PP19-102458		2.03	<1	25	<5	30	341	48	5.79	<0.5		

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CERTIFICATE OF ANALYSIS TB19268349

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
PP19-102459		2.13	<1	<1	<5	1	1	1	11.55	0.6		
PP19-102460		2.09	<1	1	<5	22	323	47	5.93	<0.5		
PP19-102461		2.12	1	203	13	43	447	52	6.23	0.5		
PP19-102462		2.29	7	61	<5	189	317	52	6.04	<0.5		
PP19-102463		2.13	4	68	<5	91	262	40	5.14	<0.5		
PP19-102464		2.24	8	21	<5	248	541	68	7.24	<0.5		
PP19-102465		2.14	18	696	36	385	587	81	6.22	<0.5		
PP19-102466		2.39	9	224	13	357	527	75	5.57	0.5		
PP19-102467		2.18	6	<1	<5	206	260	55	5.06	<0.5		
PP19-102468		2.25	9	16	<5	228	366	62	5.65	0.5		
PP19-102469		2.53	5	<1	<5	155	275	49	4.96	<0.5		
PP19-102470		2.32	7	6	<5	325	452	66	6.14	0.5		
PP19-102471		2.35	87	1080	69	955	1230	107	7.59	0.7		
PP19-102472		2.26	31	166	11	361	558	73	7.04	<0.5		
PP19-102473		2.47	8	1	<5	322	388	55	5.43	<0.5		
PP19-102474		2.40	14	4	<5	425	602	74	6.51	<0.5		
PP19-102475		2.35	18	635	52	570	725	81	6.43	<0.5		
PP19-102476		2.51	60	559	42	573	842	97	9.37	0.7		
PP19-102477		2.41	13	6	<5	366	438	74	6.94	0.6		
PP19-102478		2.48	18	5	<5	502	547	80	6.91	<0.5		
PP19-102479		0.12	245	3550	811	>10000	>10000	1065	4.26	4.9	15900	45400
PP19-102480		2.37	14	10	<5	446	505	80	6.29	<0.5		
PP19-102481		2.34	8	6	<5	406	625	85	7.36	0.6		
PP19-102482		2.41	10	127	5	314	554	80	7.60	<0.5		
PP19-102483		2.49	21	216	14	291	405	73	7.31	<0.5		
PP19-102484		2.33	3	16	<5	229	272	59	5.24	0.5		
PP19-102485		2.38	7	3	<5	258	295	61	5.45	<0.5		
PP19-102486		2.46	17	211	15	433	428	73	5.70	0.6		
PP19-102487		2.27	9	27	<5	343	360	58	5.11	1.0		
PP19-102488		2.34	20	421	36	287	365	40	3.55	0.6		
PP19-102489		2.33	78	2110	187	1205	1700	104	6.41	1.0		
PP19-102490		2.34	120	775	50	963	837	76	6.09	0.8		
PP19-102491		2.29	44	344	35	506	702	70	5.91	0.7		
PP19-102492		2.48	22	118	7	287	281	59	5.45	<0.5		
PP19-102493		2.27	4	59	<5	141	153	42	4.04	<0.5		
PP19-102494		2.39	9	130	<5	149	190	45	4.45	<0.5		
PP19-102495		2.35	2	15	<5	109	136	39	4.12	<0.5		
PP19-102496		0.07	113	608	308	4590	4430	117	4.00	2.4		

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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			