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: 9-NOV-2019
Account: MZI

CERTIFICATE TB19268083

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 24-OCT-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 TB19268083

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
PP19-101561		2.03	<1	<1	<5	1	1	2	11.65	<0.5		
PP19-101562		0.07	4860	2030	1300	83	83	64	0.25	1.3		
PP19-101563		2.31	23	114	18	284	396	53	5.08	<0.5		
PP19-101564		2.42	27	219	24	352	458	53	5.46	0.5		
PP19-101565		2.65	14	185	20	235	425	53	5.18	<0.5		
PP19-101566		2.28	39	497	41	700	778	57	3.70	0.6		
PP19-101567		2.41	31	707	41	692	411	38	2.09	0.7		
PP19-101568		2.22	12	76	13	285	180	25	1.81	<0.5		
PP19-101569		2.29	13	30	7	235	224	37	3.15	<0.5		
PP19-101570		2.54	27	97	23	410	395	54	5.04	<0.5		
PP19-101571		2.43	53	194	47	461	584	61	5.73	0.5		
PP19-101572		2.37	60	195	44	421	515	55	5.44	<0.5		
PP19-101573		2.39	84	468	77	856	885	63	5.46	0.5		
PP19-101574		2.37	41	364	47	636	725	48	4.45	0.5		
PP19-101575		2.48	28	365	37	413	535	53	5.18	<0.5		
PP19-101576		2.37	39	132	23	394	482	59	5.71	<0.5		
PP19-101577		2.43	67	482	52	562	645	62	5.75	<0.5		
PP19-101578		2.42	449	3580	258	2180	2220	92	4.93	1.9		
PP19-101579		2.48	22	93	17	215	334	48	5.39	<0.5		
PP19-101580		2.36	18	56	7	183	335	47	5.53	<0.5		
PP19-101581		0.07	81	618	310	4280	4310	114	3.82	2.0		
PP19-101582		2.46	42	228	35	327	479	48	5.37	<0.5		
PP19-101583		2.43	10	76	16	228	339	49	5.27	<0.5		
PP19-101584		2.35	34	230	37	375	536	56	6.05	<0.5		
PP19-101585		2.28	108	493	87	743	852	62	5.82	0.5		
PP19-101586		2.46	26	83	16	275	421	53	5.62	<0.5		
PP19-101587		2.40	69	9780	557	466	768	86	5.24	<0.5		
PP19-101588		2.31	151	2940	220	1480	1680	81	5.42	0.8		
PP19-101589		2.54	51	494	43	368	563	58	5.33	<0.5		
PP19-101590		2.50	24	152	21	276	385	51	5.33	<0.5		
PP19-101591		2.17	8	205	15	200	326	40	3.37	<0.5		
PP19-101592		2.03	77	955	70	605	429	22	0.91	<0.5		
PP19-101593		2.63	34	706	56	501	174	9	0.33	0.6		
PP19-101594		2.24	94	1760	132	850	630	37	1.60	0.7		
PP19-101595		2.51	49	880	64	627	519	42	2.46	0.5		
PP19-101596		2.32	16	435	32	381	296	26	1.51	0.5		
PP19-101597		2.35	5	311	20	152	286	28	1.28	<0.5		
PP19-101598		2.33	9	387	19	258	169	16	0.83	0.5		
PP19-101599		2.21	2	22	<5	83	84	19	2.13	<0.5		
PP19-101600		2.24	<1	2	<5	28	14	6	0.66	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19268083

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
PP19-101601		3.13	<1	<1	<5	1	1	2	11.50	<0.5		
PP19-101602		2.27	<1	8	<5	35	12	4	0.41	<0.5		
PP19-101603		1.78	8	130	9	161	80	7	0.29	<0.5		
PP19-101604		2.82	60	340	49	563	702	51	4.73	<0.5		
PP19-101605		2.46	102	366	43	875	672	56	5.40	0.5		
PP19-101606		2.55	147	1300	172	1800	1570	90	6.88	1.2		
PP19-101607		2.40	25	217	40	303	494	52	6.07	<0.5		
PP19-101608		2.67	62	721	104	751	743	63	6.41	0.5		
PP19-101609		2.45	60	337	48	480	650	57	5.42	<0.5		
PP19-101610		2.52	59	296	49	589	612	62	6.03	<0.5		
PP19-101611		2.49	63	178	42	589	679	62	5.77	<0.5		
PP19-101612		2.48	26	299	23	506	584	56	4.67	<0.5		
PP19-101613		2.42	33	600	53	518	369	47	3.62	0.6		
PP19-101614		2.53	38	595	41	1000	770	60	5.24	1.2		
PP19-101615		2.46	18	107	16	287	361	51	5.28	<0.5		
PP19-101616		2.46	9	168	16	248	388	46	4.91	<0.5		
PP19-101617		2.46	13	141	11	269	356	43	4.69	0.5		
PP19-101618		1.79	22	89	10	330	288	46	4.79	<0.5		
PP19-101619		2.03	12	32	<5	155	173	35	3.51	<0.5		
PP19-101620		1.52	2	16	<5	104	28	6	0.41	<0.5		
PP19-101621		0.12	199	3120	733	>10000	>10000	1010	4.13	4.2	16250	45700
PP19-101622		1.68	6	147	14	124	75	6	0.25	<0.5		
PP19-101623		2.29	5	327	29	116	64	7	0.29	0.5		
PP19-101624		2.39	<1	31	<5	35	24	6	0.46	<0.5		
PP19-101625		2.39	1	2	<5	59	21	9	0.54	<0.5		
PP19-101626		2.32	6	177	16	88	83	7	0.28	<0.5		
PP19-101627		1.93	1	67	11	65	72	19	0.66	<0.5		
PP19-101628		2.19	4	115	<5	89	83	16	1.14	<0.5		
PP19-101629		1.96	4	74	<5	155	39	11	0.51	<0.5		
PP19-101630		1.81	7	65	7	128	69	8	0.39	<0.5		
PP19-101631		1.64	5	36	<5	109	28	11	0.83	<0.5		
PP19-101632		2.12	1	15	<5	58	21	12	0.87	<0.5		
PP19-101633		2.15	3	61	6	68	33	10	0.74	<0.5		
PP19-101634		2.19	<1	3	<5	43	60	18	2.19	<0.5		
PP19-101635		2.18	5	28	5	217	96	13	0.90	<0.5		
PP19-101636		2.31	9	105	15	235	157	19	1.22	<0.5		
PP19-101637		2.23	2	59	6	128	69	12	1.41	<0.5		
PP19-101638		0.07	108	626	323	4500	4400	110	3.79	1.9		

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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			