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: 11-NOV-2019
Account: MZI

CERTIFICATE TB19268086

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 TB19268086

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
PP19-102107		1.55	<1	<1	<5	2	1	1	12.15	<0.5		
PP19-102108		0.07	4650	2000	1280	89	85	61	0.26	0.7		
PP19-102109		2.35	138	1780	117	761	859	73	4.57	<0.5		
PP19-102110		2.31	14	53	<5	269	196	59	4.52	<0.5		
PP19-102111		2.19	1	5	<5	97	141	55	4.40	<0.5		
PP19-102112		2.28	2	1	<5	170	168	58	4.54	<0.5		
PP19-102113		2.21	5	2	<5	239	351	76	6.28	<0.5		
PP19-102114		2.29	2	1	<5	154	213	56	5.04	<0.5		
PP19-102115		2.26	4	6	<5	94	182	47	4.55	<0.5		
PP19-102116		2.28	9	2	<5	185	256	49	4.38	<0.5		
PP19-102117		2.35	12	119	6	267	415	54	5.16	<0.5		
PP19-102118		2.12	11	64	7	354	402	63	5.45	<0.5		
PP19-102119		2.20	3	4	<5	108	232	49	4.88	<0.5		
PP19-102120		2.07	38	120	19	387	379	52	4.80	<0.5		
PP19-102121		2.23	7	4	<5	125	232	44	4.56	<0.5		
PP19-102122		2.09	105	1320	138	794	1110	64	5.14	<0.5		
PP19-102123		2.23	43	546	53	620	532	58	5.03	<0.5		
PP19-102124		2.31	3	34	<5	83	211	48	4.91	<0.5		
PP19-102125		2.10	3	71	7	109	233	49	5.28	<0.5		
PP19-102126		2.11	10	60	7	217	284	56	5.68	<0.5		
PP19-102127		0.07	116	590	313	4650	4540	118	3.93	2.1		
PP19-102128		2.21	15	209	17	130	291	46	4.70	<0.5		
PP19-102129		2.11	29	359	46	187	316	39	3.57	<0.5		
PP19-102130		2.24	8	3	<5	121	212	46	5.02	<0.5		
PP19-102131		2.28	4	1	<5	87	229	49	5.05	<0.5		
PP19-102132		2.35	59	361	18	465	433	52	5.16	<0.5		
PP19-102133		1.88	115	1560	166	898	1150	67	5.38	<0.5		
PP19-102134		2.21	73	1140	89	660	794	63	4.94	<0.5		
PP19-102135		2.25	87	1360	83	959	1030	66	4.84	0.6		
PP19-102136		2.35	89	877	62	1535	1185	79	4.97	0.8		
PP19-102137		2.05	21	634	39	564	493	65	4.78	0.6		
PP19-102138		2.47	51	2150	159	488	938	59	4.46	<0.5		
PP19-102139		2.28	13	451	27	258	370	51	4.87	<0.5		
PP19-102140		2.28	40	601	42	437	480	60	4.68	<0.5		
PP19-102141		2.31	7	135	10	175	192	44	4.72	<0.5		
PP19-102142		2.30	14	194	13	263	251	46	4.14	<0.5		
PP19-102143		2.78	<1	4	<5	90	171	42	4.24	<0.5		
PP19-102144		2.41	4	45	6	155	167	43	4.36	<0.5		
PP19-102145		1.72	17	561	75	398	514	30	1.39	<0.5		
PP19-102146		1.83	1	8	<5	124	44	19	1.31	<0.5		

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CERTIFICATE OF ANALYSIS TB19268086

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
PP19-102147		2.11	<1	1	<5	4	<1	<1	11.45	<0.5		
PP19-102148		2.14	3	247	22	290	146	35	1.24	<0.5		
PP19-102149		2.06	1	1	<5	77	19	10	0.59	<0.5		
PP19-102150		2.05	6	424	<5	75	56	6	0.54	<0.5		
PP19-102151		2.21	6	405	34	454	168	17	0.83	<0.5		
PP19-102152		2.01	2	72	<5	106	42	9	0.49	<0.5		
PP19-102153		1.29	20	161	15	277	91	14	0.78	<0.5		
PP19-102154		3.11	9	139	18	388	390	64	4.22	0.5		
PP19-102155		1.91	5	126	12	437	402	80	2.60	<0.5		
PP19-102156		1.98	7	105	14	158	95	50	3.86	<0.5		
PP19-102157		2.19	10	31	6	336	285	55	2.95	<0.5		
PP19-102158		2.17	14	25	<5	286	327	38	3.33	<0.5		
PP19-102159		2.05	26	105	20	383	409	47	4.51	<0.5		
PP19-102160		2.21	11	79	15	198	261	47	4.65	<0.5		
PP19-102161		2.08	10	76	23	168	260	51	5.26	<0.5		
PP19-102162		2.10	5	35	<5	113	188	46	5.01	<0.5		
PP19-102163		1.09	20	465	24	373	473	73	5.17	<0.5		
PP19-102164		1.09	74	470	46	788	551	65	4.34	0.5		
PP19-102165		2.25	28	14	<5	402	318	64	4.87	<0.5		
PP19-102166		2.15	17	21	<5	210	178	48	5.27	<0.5		
PP19-102167		0.12	277	3520	814	>10000	>10000	932	3.74	3.7	16200	45200
PP19-102168		1.92	5	5	<5	208	263	49	5.24	<0.5		
PP19-102169		2.18	12	44	5	338	391	44	4.80	0.5		
PP19-102170		2.10	33	38	<5	764	623	41	4.08	<0.5		
PP19-102171		2.19	53	1160	10	2020	1400	61	4.69	0.7		
PP19-102172		2.20	181	1320	88	958	861	51	5.07	<0.5		
PP19-102173		2.24	90	1030	42	640	675	43	5.19	<0.5		
PP19-102174		2.13	267	1750	265	941	1250	63	5.81	<0.5		
PP19-102175		2.42	466	2280	234	1475	1770	70	6.02	0.5		
PP19-102176		1.91	148	1340	197	605	1020	61	7.01	<0.5		
PP19-102177		2.12	209	3870	636	724	918	45	4.87	<0.5		
PP19-102178		2.65	325	2500	315	1075	1280	55	4.89	<0.5		
PP19-102179		2.27	109	427	48	359	412	53	5.21	<0.5		
PP19-102180		1.59	148	1850	323	1070	797	43	4.16	<0.5		
PP19-102181		2.23	108	1840	363	598	661	46	4.45	<0.5		
PP19-102182		2.20	45	712	107	570	590	48	5.28	<0.5		
PP19-102183		2.25	23	236	47	166	426	52	7.64	<0.5		
PP19-102184		0.07	74	589	281	4440	4370	111	3.81	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			