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: 22-OCT-2019
Account: MZI

CERTIFICATE TB19247056

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 1-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 TB19247056

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
PP19-100937		1.92	<1	<1	<5	2	<1	<1	13.50	<0.5		
PP19-100938		0.07	4520	2040	1300	87	85	65	0.27	0.8		
PP19-100939		2.34	60	579	53	456	571	55	5.66	<0.5		
PP19-100940		2.35	137	1260	111	845	873	61	5.44	0.5		
PP19-100941		2.30	432	1540	159	1860	1670	72	4.91	0.8		
PP19-100942		2.44	235	1640	156	1440	1360	73	5.26	0.8		
PP19-100943		2.09	408	1570	154	2240	1760	75	4.71	1.2		
PP19-100944		2.33	161	990	104	1370	1340	63	4.22	0.7		
PP19-100945		2.41	22	975	106	596	936	52	3.47	<0.5		
PP19-100946		2.14	37	364	35	805	291	43	2.55	<0.5		
PP19-100947		2.22	20	104	12	757	786	74	2.90	0.6		
PP19-100948		2.04	10	262	27	286	591	54	3.02	<0.5		
PP19-100949		2.23	75	837	66	804	681	56	2.95	<0.5		
PP19-100950		2.24	147	1560	117	1290	940	60	2.76	0.7		
PP19-100951		2.27	107	996	79	792	627	55	3.01	<0.5		
PP19-100952		2.22	148	1440	108	969	800	59	3.02	0.5		
PP19-100953		2.36	171	1620	120	1290	953	58	2.99	0.6		
PP19-100954		2.11	150	1540	137	1335	1070	61	2.78	0.5		
PP19-100955		2.31	134	809	65	892	711	53	3.21	<0.5		
PP19-100956		2.31	134	802	66	1110	888	62	3.19	0.6		
PP19-100957		0.07	128	598	302	4800	4630	117	4.04	2.3		
PP19-100958		2.32	92	686	53	765	715	59	3.67	<0.5		
PP19-100959		2.15	79	728	58	577	545	45	2.98	<0.5		
PP19-100960		2.33	122	1140	81	1100	740	52	2.93	0.6		
PP19-100961		2.18	89	1580	111	925	836	53	3.19	0.7		
PP19-100962		2.22	107	1480	105	1060	791	54	3.14	0.8		
PP19-100963		2.19	332	2080	173	1370	1075	56	2.81	0.8		
PP19-100964		2.25	150	1800	141	944	917	53	2.83	0.6		
PP19-100965		2.33	114	1340	96	978	800	55	3.33	0.8		
PP19-100966		2.16	33	679	58	312	268	16	0.71	<0.5		
PP19-100967		2.25	59	714	68	493	435	30	2.10	<0.5		
PP19-100968		2.29	117	1520	130	906	814	51	3.32	0.6		
PP19-100969		2.29	361	4540	334	2510	1840	80	3.73	1.0		
PP19-100970		2.32	507	3920	286	2270	1785	78	3.47	1.2		
PP19-100971		2.20	266	3220	243	1915	1530	68	3.42	1.2		
PP19-100972		2.27	230	2650	204	1845	1380	67	2.85	1.0		
PP19-100973		2.33	473	4480	333	2560	2030	82	3.44	1.0		
PP19-100974		2.04	111	1470	106	880	896	58	3.13	<0.5		
PP19-100975		2.22	161	1440	95	977	825	51	2.91	0.5		
PP19-100976		2.20	384	3490	267	2170	1500	69	3.75	1.1		

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CERTIFICATE OF ANALYSIS TB19247056

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
PP19-100977		1.72	<1	2	<5	3	2	<1	13.75	<0.5		
PP19-100978		2.28	426	5010	331	2560	2320	78	3.73	1.1		
PP19-100979		2.34	711	6870	488	3570	2950	88	3.21	1.4		
PP19-100980		2.24	862	7220	513	3690	3170	92	3.58	1.4		
PP19-100981		2.38	700	7400	502	3210	2970	83	3.06	1.5		
PP19-100982		2.21	458	3940	262	2250	1950	69	3.23	0.9		
PP19-100983		2.21	609	4150	290	2420	2070	70	3.13	0.9		
PP19-100984		2.37	558	4110	294	2560	2090	78	3.77	0.9		
PP19-100985		2.12	494	3670	267	2550	1880	64	2.85	1.0		
PP19-100986		2.16	577	6060	405	3200	2700	87	2.54	1.5		
PP19-100987		2.21	402	3090	224	1885	1480	50	1.91	0.8		
PP19-100988		2.23	487	4560	335	2660	2400	71	2.31	1.2		
PP19-100989		2.26	470	4990	378	3090	2550	72	2.02	1.5		
PP19-100990		2.13	548	5530	428	3550	2690	80	1.88	3.1		
PP19-100991		2.35	896	4980	384	3930	2460	81	2.17	2.0		
PP19-100992		2.24	618	4380	356	2260	2120	68	1.80	1.2		
PP19-100993		2.17	256	3420	271	1450	1620	56	1.49	0.8		
PP19-100994		2.19	306	2630	209	1970	1360	48	1.28	1.0		
PP19-100995		2.27	468	3830	337	2980	2050	69	1.84	1.6		
PP19-100996		2.04	514	5450	490	3510	2750	85	2.02	1.7		
PP19-100997		0.12	257	3470	795	>10000	>10000	990	3.97	4.5	16150	45100
PP19-100998		2.22	458	3780	301	3180	1860	62	1.98	1.5		
PP19-100999		2.15	407	4270	346	2520	2040	66	1.78	1.1		
PP19-101000		2.14	426	4490	355	2860	2450	80	2.13	1.6		
PP19-101001		2.15	326	3470	267	2310	2540	86	2.08	1.3		
PP19-101002		2.01	487	3380	278	3140	2200	71	1.73	1.7		
PP19-101003		2.21	668	5110	392	3410	2640	81	1.94	1.7		
PP19-101004		2.15	683	5070	398	3940	2630	88	2.94	1.9		
PP19-101005		2.18	239	2310	208	1820	1400	53	1.88	0.8		
PP19-101006		2.16	168	1160	90	1090	908	44	2.29	0.7		
PP19-101007		2.25	261	2020	165	1610	1320	62	2.82	0.8		
PP19-101008		2.13	269	2010	185	1450	1190	53	2.17	0.7		
PP19-101009		2.20	271	2100	183	1680	1350	49	1.70	0.7		
PP19-101010		2.27	171	1590	125	1230	1040	40	1.49	0.5		
PP19-101011		2.24	408	3840	289	2640	2060	65	1.68	1.2		
PP19-101012		2.23	257	2720	216	1880	1460	56	2.19	0.9		
PP19-101013		2.24	312	2470	213	1930	1340	49	1.57	0.9		
PP19-101014		0.07	73	613	307	4740	4520	117	3.99	2.0		

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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			