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: 14-SEP-2019
Account: MZI

CERTIFICATE TB19211688

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 23-AUG-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:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19211688

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
AC19-101249		1.20	2	1	<5	3	3	1	13.15	<0.5		
AC19-101250		0.07	5240	2070	1340	88	86	65	0.27	0.8		
AC19-101251		2.45	10	39	13	71	265	51	5.03	<0.5		
AC19-101252		2.30	66	1080	63	325	588	55	4.91	<0.5		
AC19-101253		2.44	18	233	30	86	261	50	4.57	<0.5		
AC19-101254		2.45	17	132	27	89	306	55	5.12	<0.5		
AC19-101255		2.60	81	775	75	216	459	62	5.33	<0.5		
AC19-101256		2.32	27	272	47	204	353	57	5.40	<0.5		
AC19-101257		2.48	66	716	61	320	487	45	4.53	<0.5		
AC19-101258		2.44	52	455	33	333	479	50	5.49	<0.5		
AC19-101259		2.58	22	117	16	211	350	52	5.26	<0.5		
AC19-101260		2.50	53	546	48	457	495	55	5.75	<0.5		
AC19-101261		2.60	17	120	29	95	337	53	6.32	<0.5		
AC19-101262		2.47	19	137	31	124	348	51	5.84	<0.5		
AC19-101263		2.49	60	562	48	359	460	55	5.55	<0.5		
AC19-101264		2.32	49	298	25	259	326	50	4.75	<0.5		
AC19-101265		2.16	54	392	30	384	361	42	3.10	<0.5		
AC19-101266		2.79	10	108	10	125	57	8	0.49	<0.5		
AC19-101267		2.23	8	243	21	142	127	16	1.13	<0.5		
AC19-101268		2.46	16	61	5	83	77	23	2.02	<0.5		
AC19-101269		0.07	103	618	300	4740	4610	121	3.99	2.0		
AC19-101270		1.76	1	11	<5	41	25	7	0.51	<0.5		
AC19-101271		3.29	7	5	<5	54	126	29	2.77	<0.5		
AC19-101272		2.77	5	28	<5	109	326	59	6.58	<0.5		
AC19-101273		3.04	4	8	<5	127	363	67	7.67	<0.5		
AC19-101274		2.27	18	47	<5	204	289	65	5.87	<0.5		
AC19-101275		2.59	14	233	25	179	312	54	4.94	<0.5		
AC19-101276		2.60	9	12	<5	159	269	53	5.03	<0.5		
AC19-101277		2.68	23	290	21	264	328	54	5.10	<0.5		
AC19-101278		2.85	15	55	7	142	246	47	5.14	<0.5		
AC19-101279		3.01	24	67	6	110	240	47	4.90	<0.5		
AC19-101280		2.74	19	229	31	174	305	52	4.90	<0.5		
AC19-101281		2.60	21	281	25	224	321	56	5.32	<0.5		
AC19-101282		3.15	46	597	88	390	383	60	5.24	<0.5		
AC19-101283		2.75	27	926	74	383	434	60	5.12	<0.5		
AC19-101284		2.78	19	305	63	248	332	57	5.45	<0.5		
AC19-101285		3.15	12	151	14	165	280	55	5.41	<0.5		
AC19-101286		2.80	18	787	72	223	419	58	4.61	<0.5		
AC19-101287		2.96	11	311	40	202	309	54	5.07	<0.5		
AC19-101288		3.03	11	504	79	191	365	58	5.42	<0.5		

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Finalized Date: 14-SEP-2019
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Project: 18-101

CERTIFICATE OF ANALYSIS TB19211688

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
AC19-101289		1.91	1	<1	<5	1	4	2	13.20	<0.5		
AC19-101290		2.42	9	29	<5	101	225	49	5.25	<0.5		
AC19-101291		2.65	6	38	7	111	227	48	4.65	<0.5		
AC19-101292		2.28	15	188	20	195	284	52	4.84	<0.5		
AC19-101293		2.75	26	348	33	158	290	51	4.79	<0.5		
AC19-101294		2.69	24	354	25	336	355	57	4.82	<0.5		
AC19-101295		2.71	12	93	12	191	324	49	5.45	<0.5		
AC19-101296		2.59	14	61	<5	183	254	51	5.41	<0.5		
AC19-101297		2.60	79	577	61	519	506	63	5.55	<0.5		
AC19-101298		3.38	25	318	26	248	291	48	4.70	<0.5		
AC19-101299		1.61	3	34	5	147	366	77	8.22	<0.5		
AC19-101300		2.83	247	1460	181	1265	909	92	7.91	0.7		
AC19-101301		2.66	11	62	8	152	371	73	7.93	<0.5		
AC19-101302		3.99	33	280	29	253	449	77	7.82	<0.5		
AC19-101303		1.85	182	1520	178	828	878	70	5.94	<0.5		
AC19-101304		2.52	45	491	48	318	431	56	5.50	<0.5		
AC19-101305		2.47	19	128	14	172	285	49	5.03	<0.5		
AC19-101306		2.65	8	29	<5	96	273	46	5.12	<0.5		
AC19-101307		2.81	170	1870	206	715	791	82	7.67	<0.5		
AC19-101308		2.63	247	2390	261	1005	1070	85	6.91	<0.5		
AC19-101309		0.08	226	3440	802	>10000	>10000	1000	3.96	4.3	15900	45500
AC19-101310		2.67	81	558	35	721	709	64	5.88	<0.5		
AC19-101311		2.87	32	341	41	429	698	82	8.94	<0.5		
AC19-101312		2.54	24	128	20	257	500	76	8.43	<0.5		
AC19-101313		2.51	113	538	66	490	604	78	8.13	<0.5		
AC19-101314		2.15	37	493	47	399	603	80	8.73	<0.5		
AC19-101315		2.55	48	645	89	639	635	74	7.28	<0.5		
AC19-101316		2.61	93	670	84	725	827	84	7.78	0.5		
AC19-101317		2.53	103	757	66	825	933	104	9.15	0.6		
AC19-101318		2.32	47	426	52	653	733	79	7.22	<0.5		
AC19-101319		2.49	16	128	12	193	517	77	9.75	<0.5		
AC19-101320		2.83	39	607	80	397	709	82	8.82	<0.5		
AC19-101321		2.41	12	133	16	199	583	85	10.25	<0.5		
AC19-101322		2.71	46	268	23	754	769	96	7.75	<0.5		
AC19-101323		2.19	60	298	30	436	541	65	7.27	<0.5		
AC19-101324		2.41	313	2850	315	893	1210	93	9.57	<0.5		
AC19-101325		2.37	140	1480	186	752	944	87	8.48	<0.5		
AC19-101326		0.07	83	617	301	4490	4370	114	3.80	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			