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-AUG-2019
Account: MZI

CERTIFICATE TB19194534

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 7-AUG-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19194534

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
AC19-100625		1.52	1	<1	<5	9	1	<1	13.10	<0.5		
AC19-100626		0.07	4560	1980	1280	87	84	61	0.25	0.6		
AC19-100627		2.35	54	1400	213	761	853	38	2.16	<0.5		
AC19-100628		2.19	91	1080	178	1140	848	43	2.70	0.7		
AC19-100629		2.10	71	1040	168	771	845	39	2.85	0.5		
AC19-100630		2.04	65	458	85	757	701	38	2.97	0.8		
AC19-100631		2.14	70	429	75	530	598	38	3.28	1.0		
AC19-100632		2.15	63	691	127	579	642	36	2.70	0.6		
AC19-100633		2.31	87	1120	182	756	765	38	2.59	<0.5		
AC19-100634		2.26	92	1060	201	599	624	36	2.68	<0.5		
AC19-100635		2.25	81	191	39	330	333	37	3.66	<0.5		
AC19-100636		2.22	316	1940	187	1495	1330	56	3.62	0.5		
AC19-100637		2.21	417	2230	242	2020	1740	63	3.37	0.8		
AC19-100638		2.29	340	1460	203	1685	1470	58	3.38	0.5		
AC19-100639		2.16	381	1640	214	1860	1420	52	2.64	0.7		
AC19-100640		2.23	440	2320	266	2110	1790	62	3.11	1.0		
AC19-100641		2.25	523	2810	300	2700	2370	85	4.58	1.5		
AC19-100642		2.30	233	1080	124	1475	1190	55	3.51	0.7		
AC19-100643		2.38	206	1390	129	1065	923	49	2.63	0.5		
AC19-100644		2.10	228	723	79	1005	859	46	2.85	<0.5		
AC19-100645		0.07	82	625	328	4490	4400	114	3.95	1.9		
AC19-100646		2.33	738	3930	314	3040	2250	74	2.17	1.2		
AC19-100647		2.31	593	4160	340	2420	1930	72	2.93	0.8		
AC19-100648		2.22	297	2100	181	1610	1360	60	3.19	1.2		
AC19-100649		2.24	311	3040	240	1800	1600	63	2.65	0.8		
AC19-100650		2.31	437	3840	309	2110	1820	66	3.01	0.9		
AC19-100651		2.02	496	5690	425	2950	2320	78	2.87	1.6		
AC19-100652		1.99	367	5520	433	2860	2210	74	2.80	2.2		
AC19-100653		2.21	678	6320	474	3090	2520	81	3.07	1.7		
AC19-100654		2.20	297	5300	371	2300	2310	78	2.77	1.9		
AC19-100655		2.17	406	5920	445	3060	2410	80	2.24	2.4		
AC19-100656		1.93	343	5610	389	2550	2540	78	3.20	1.7		
AC19-100657		2.18	382	6170	482	2800	2630	81	2.63	1.9		
AC19-100658		1.20	630	5150	381	2850	2340	75	2.78	1.3		
AC19-100659		1.52	163	846	71	945	782	54	4.70	<0.5		
AC19-100660		1.57	208	1160	105	1160	917	58	4.52	<0.5		
AC19-100661		2.11	115	726	74	610	615	42	3.46	<0.5		
AC19-100662		2.27	126	1020	106	1280	806	56	4.68	0.7		
AC19-100663		2.24	75	495	60	543	539	50	5.21	<0.5		
AC19-100664		1.98	56	863	83	472	784	51	5.10	<0.5		

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Finalized Date: 22-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19194534

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
AC19-100665		1.86	<1	1	<5	2	2	<1	12.75	<0.5		
AC19-100666		2.17	164	1790	176	1130	1260	59	5.15	0.5		
AC19-100667		2.25	226	2000	196	1875	1770	68	5.10	1.0		
AC19-100668		2.12	206	1950	169	1540	1440	55	2.76	1.1		
AC19-100669		2.03	133	1280	108	1075	931	46	2.89	0.6		
AC19-100670		2.08	36	292	27	357	327	35	4.16	<0.5		
AC19-100671		2.00	38	564	47	318	434	39	4.05	<0.5		
AC19-100672		2.28	91	462	49	490	432	38	3.71	<0.5		
AC19-100673		2.15	29	148	21	245	325	50	4.98	<0.5		
AC19-100674		2.13	32	225	28	305	392	53	4.87	<0.5		
AC19-100675		2.08	118	849	78	955	751	46	3.70	0.5		
AC19-100676		2.04	111	608	48	974	656	33	1.67	0.7		
AC19-100677		2.32	228	2870	228	1865	1600	58	1.92	1.2		
AC19-100678		2.28	247	2840	230	2200	1920	71	3.23	1.2		
AC19-100679		2.25	183	3140	247	1700	1700	65	2.85	0.8		
AC19-100680		2.40	251	1440	114	1385	923	47	2.32	0.6		
AC19-100681		2.22	198	2030	166	1325	1130	51	2.70	0.6		
AC19-100682		2.25	253	2200	171	1580	1160	48	2.02	0.7		
AC19-100683		2.21	401	3200	255	2320	1610	68	2.61	1.1		
AC19-100684		2.27	12	75	7	181	263	44	4.51	<0.5		
AC19-100685		0.08	346	3390	790	>10000	>10000	1025	4.09	4.1	16750	45900
AC19-100686		2.30	9	116	12	160	324	47	4.60	<0.5		
AC19-100687		1.49	8	23	<5	248	268	52	4.71	<0.5		
AC19-100688		1.73	10	47	7	274	325	56	5.34	<0.5		
AC19-100689		1.48	19	399	40	364	495	50	4.75	<0.5		
AC19-100690		2.24	9	56	<5	209	311	46	5.14	<0.5		
AC19-100691		2.23	15	93	13	280	379	44	4.96	0.5		
AC19-100692		2.15	99	778	74	738	826	50	4.52	0.5		
AC19-100693		2.21	81	345	46	744	746	51	4.94	<0.5		
AC19-100694		2.20	61	493	55	746	958	57	5.00	0.6		
AC19-100695		2.33	54	709	94	461	853	50	4.35	0.5		
AC19-100696		2.21	106	763	89	1010	1060	60	5.17	0.5		
AC19-100697		2.25	115	1120	124	888	1250	68	5.27	0.5		
AC19-100698		2.30	111	450	62	751	779	55	5.40	0.6		
AC19-100699		2.46	66	147	30	430	519	64	7.24	<0.5		
AC19-100700		2.22	22	72	11	234	402	55	6.37	<0.5		
AC19-100701		2.51	45	208	31	328	556	66	7.83	<0.5		
AC19-100702		0.07	90	590	283	4440	4380	112	4.16	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			