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: 6-OCT-2019
Account: MZI

CERTIFICATE TB19228719

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 12-SEP-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 TB19228719

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
AD19-100625		1.77	1	<1	<5	1	6	<1	12.90	<0.5		
AD19-100626		0.07	4400	1990	1260	89	86	63	0.27	0.8		
AD19-100627		2.40	9	38	14	184	342	58	6.17	0.9		
AD19-100628		2.37	54	1680	105	1065	768	58	4.69	1.4		
AD19-100629		2.30	16	236	35	240	378	57	5.84	0.7		
AD19-100630		2.40	58	1190	95	536	750	67	5.87	0.9		
AD19-100631		2.40	41	998	71	624	702	60	4.97	0.9		
AD19-100632		2.50	11	98	18	231	454	64	7.01	0.8		
AD19-100633		2.34	10	39	12	188	409	64	7.10	0.6		
AD19-100634		2.51	4	32	13	207	398	62	7.00	<0.5		
AD19-100635		2.38	8	55	14	266	414	63	6.53	0.6		
AD19-100636		2.36	7	73	15	201	399	60	6.48	0.7		
AD19-100637		2.37	15	96	18	494	542	64	6.04	0.7		
AD19-100638		2.27	71	817	46	817	708	65	5.60	0.8		
AD19-100639		2.14	640	6190	428	3500	3470	131	4.69	2.1		
AD19-100640		2.37	21	209	23	314	357	57	5.44	0.6		
AD19-100641		2.23	18	302	35	262	443	61	6.47	0.6		
AD19-100642		2.31	16	69	14	207	387	57	6.40	0.7		
AD19-100643		2.29	18	385	45	367	473	59	6.36	0.8		
AD19-100644		2.32	11	111	8	217	346	50	5.67	0.7		
AD19-100645		0.07	118	611	307	4370	4270	112	3.85	2.5		
AD19-100646		2.08	11	74	11	219	360	55	5.99	0.7		
AD19-100647		2.24	12	78	13	227	408	60	6.44	0.7		
AD19-100648		2.07	7	33	8	160	350	52	5.96	0.8		
AD19-100649		2.16	9	106	41	147	357	48	5.59	0.6		
AD19-100650		2.29	16	41	6	152	299	43	5.34	0.7		
AD19-100651		2.23	10	25	6	160	321	49	5.60	0.8		
AD19-100652		2.39	17	362	36	323	421	52	5.41	0.6		
AD19-100653		2.20	12	240	26	284	391	54	6.13	<0.5		
AD19-100654		2.36	21	278	26	310	453	57	6.30	0.5		
AD19-100655		2.25	20	319	50	394	407	62	5.93	1.0		
AD19-100656		2.36	71	2050	153	975	945	68	4.79	1.2		
AD19-100657		2.31	13	34	9	162	338	53	5.89	0.5		
AD19-100658		2.29	20	140	25	228	371	56	6.41	<0.5		
AD19-100659		2.14	9	74	13	211	359	55	6.36	<0.5		
AD19-100660		2.18	8	73	14	217	371	56	6.71	<0.5		
AD19-100661		2.33	6	30	9	177	345	54	6.37	<0.5		
AD19-100662		2.35	7	31	7	109	345	52	6.36	<0.5		
AD19-100663		2.20	4	15	5	104	337	50	6.10	<0.5		
AD19-100664		2.17	15	173	20	336	419	54	5.98	0.6		

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Finalized Date: 6-OCT-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19228719

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
AD19-100665		1.38	<1	<1	<5	2	2	1	13.60	0.5		
AD19-100666		2.24	3	7	<5	166	318	48	5.73	<0.5		
AD19-100667		2.24	3	3	<5	180	293	50	5.95	0.5		
AD19-100668		2.22	6	93	33	151	421	51	5.61	<0.5		
AD19-100669		2.19	7	385	64	117	638	84	11.60	<0.5		
AD19-100670		2.27	19	586	87	133	668	87	11.65	<0.5		
AD19-100671		2.23	15	480	83	118	651	88	11.85	<0.5		
AD19-100672		2.26	22	515	95	181	680	87	11.85	<0.5		
AD19-100673		2.23	33	454	77	241	722	89	11.95	<0.5		
AD19-100674		2.05	39	480	110	131	635	82	11.20	<0.5		
AD19-100675		2.33	20	222	43	190	487	56	6.80	<0.5		
AD19-100676		2.18	30	311	67	291	650	72	8.76	<0.5		
AD19-100677		2.31	12	300	71	122	516	71	9.08	<0.5		
AD19-100678		2.34	16	685	82	173	646	75	9.21	<0.5		
AD19-100679		2.36	20	398	79	191	569	73	8.97	<0.5		
AD19-100680		2.41	20	509	116	179	564	75	9.50	<0.5		
AD19-100681		2.41	16	423	96	135	540	77	9.36	<0.5		
AD19-100682		2.31	20	473	91	190	592	75	9.15	<0.5		
AD19-100683		2.41	15	449	79	242	605	79	10.15	<0.5		
AD19-100684		2.33	9	553	87	116	642	89	12.05	<0.5		
AD19-100685		0.12	268	3430	728	>10000	>10000	994	4.11	4.6	15550	44800
AD19-100686		2.32	10	346	66	153	551	77	9.80	<0.5		
AD19-100687		2.34	11	593	109	86	701	92	12.80	<0.5		
AD19-100688		2.32	15	568	101	117	729	88	12.65	<0.5		
AD19-100689		2.32	23	735	132	172	768	89	12.65	<0.5		
AD19-100690		2.31	30	673	119	225	626	72	9.50	<0.5		
AD19-100691		2.34	12	380	87	111	562	76	10.30	<0.5		
AD19-100692		2.29	19	297	62	185	513	66	7.89	<0.5		
AD19-100693		2.32	25	145	26	434	472	60	5.83	<0.5		
AD19-100694		2.32	20	101	25	308	439	57	5.96	<0.5		
AD19-100695		2.35	42	375	63	467	720	80	9.46	<0.5		
AD19-100696		2.29	17	121	30	185	414	55	6.30	<0.5		
AD19-100697		2.21	7	18	15	99	340	47	5.38	<0.5		
AD19-100698		2.31	11	46	9	203	360	47	5.35	<0.5		
AD19-100699		2.29	10	79	10	194	384	51	5.84	<0.5		
AD19-100700		2.30	16	191	31	215	367	53	6.01	<0.5		
AD19-100701		2.33	6	342	77	98	486	65	8.16	<0.5		
AD19-100702		0.07	75	606	298	4470	4270	112	3.92	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			