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: 17-FEB-2019
Account: MZI

CERTIFICATE TB19031410

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-FEB-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER 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 TB19031410

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
A0125781		1.81	<1	<1	<5	1	4	<1	13.00	0.5		
A0125782		0.07	5060	2060	1300	84	82	61	0.27	0.9		
A0125783		2.53	192	2280	209	925	1030	61	5.05	0.6		
A0125784		2.32	179	2400	237	793	984	58	4.80	0.9		
A0125785		2.33	189	2210	201	927	997	62	5.36	0.8		
A0125786		2.33	383	3270	261	1405	1210	62	5.28	0.9		
A0125787		2.28	75	1220	134	316	552	36	3.72	<0.5		
A0125788		2.50	117	1680	154	575	773	47	4.55	0.5		
A0125789		2.43	96	1400	174	803	563	35	3.50	0.8		
A0125790		2.59	38	1820	305	624	601	39	4.47	0.8		
A0125791		2.44	57	1600	239	489	705	40	3.98	0.6		
A0125792		2.46	62	4190	326	425	1230	54	4.65	0.5		
A0125793		2.57	58	1300	141	231	699	52	6.14	<0.5		
A0125794		2.55	74	1760	338	402	725	42	4.19	0.5		
A0125795		2.43	165	2410	321	814	869	46	4.28	0.5		
A0125796		2.37	56	1400	233	285	570	35	3.90	0.5		
A0125797		2.22	76	1060	126	492	695	48	5.42	0.5		
A0125798		2.63	63	1220	188	311	611	42	4.30	0.5		
A0125799		2.50	122	1120	208	623	435	31	3.36	0.5		
A0125800		2.48	565	3310	381	1305	1090	47	3.45	0.9		
A0125801		0.07	79	617	284	4340	4170	112	3.95	2.3		
A0125802		2.39	36	1440	202	264	552	30	2.93	<0.5		
A0125803		2.31	179	2810	285	769	857	44	3.69	0.9		
A0125804		2.34	98	3060	259	1235	1150	53	4.59	0.9		
A0125805		2.35	70	2210	191	325	975	51	6.01	<0.5		
A0125806		2.65	327	2940	236	1020	1420	64	5.87	0.7		
A0125807		2.45	470	3560	254	1470	1710	70	5.60	1.2		
A0125808		2.45	424	4860	462	1660	1910	84	5.58	1.1		
A0125809		2.28	291	2510	353	1265	888	49	4.56	0.7		
A0125810		2.47	501	2970	346	1315	1250	62	5.66	0.8		
A0125811		2.41	122	1200	139	670	813	58	6.34	<0.5		
A0125812		2.43	19	283	91	108	346	35	4.09	<0.5		
A0125813		2.33	25	278	74	229	405	36	4.73	<0.5		
A0125814		2.23	30	863	84	266	532	40	4.68	<0.5		
A0125815		2.35	11	348	76	88	399	36	4.72	<0.5		
A0125816		2.35	73	1100	149	433	567	38	3.45	<0.5		
A0125817		2.48	30	702	202	179	488	53	7.42	<0.5		
A0125818		2.50	17	400	117	97	388	47	6.29	<0.5		
A0125819		2.47	7	252	93	74	497	61	8.82	<0.5		
A0125820		2.66	9	256	69	88	399	50	6.98	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 17-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19031410

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
A0125821		0.98	1	5	<5	2	7	<1	13.35	<0.5		
A0125822		2.71	164	3210	251	904	1395	68	5.91	0.6		
A0125823		2.39	223	1240	118	582	789	58	7.01	<0.5		
A0125824		2.54	491	5540	356	3490	2260	116	6.55	2.3		
A0125825		2.64	75	859	99	498	707	55	6.29	<0.5		
A0125826		2.59	33	476	124	209	481	53	6.62	<0.5		
A0125827		2.58	17	570	174	131	430	52	6.72	<0.5		
A0125828		2.64	48	890	221	271	641	66	8.45	<0.5		
A0125829		2.60	209	1540	183	1040	1215	91	8.91	0.5		
A0125830		2.62	30	587	91	562	668	61	7.05	<0.5		
A0125831		2.53	16	341	36	297	377	37	3.95	<0.5		
A0125832		2.52	25	229	37	232	429	44	4.93	<0.5		
A0125833		2.62	98	689	60	426	725	58	6.46	<0.5		
A0125834		2.47	17	125	24	122	367	49	5.98	<0.5		
A0125835		2.43	70	407	70	253	445	49	5.85	<0.5		
A0125836		2.44	19	158	29	145	365	51	6.05	<0.5		
A0125837		2.48	16	141	27	174	374	55	6.20	<0.5		
A0125838		2.54	247	2180	242	954	1095	64	6.32	<0.5		
A0125839		2.54	152	1780	269	397	663	50	5.96	<0.5		
A0125840		2.64	22	519	210	118	436	53	7.31	<0.5		
A0125841		0.08	235	3590	816	>10000	>10000	975	4.08	4.3	15900	46300
A0125842		2.57	28	567	184	172	446	49	6.34	<0.5		
A0125843		2.62	20	403	146	140	424	53	6.98	0.5		
A0125844		2.55	63	1480	398	271	520	47	5.68	<0.5		
A0125845		2.67	106	997	124	561	668	60	6.11	0.5		
A0125846		2.60	164	2320	336	672	1010	54	4.96	0.5		
A0125847		2.59	38	521	132	180	477	55	7.04	<0.5		
A0125848		2.54	18	669	165	228	793	65	7.47	<0.5		
A0125849		2.47	14	383	151	110	403	54	7.15	0.5		
A0125850		2.56	13	366	145	104	395	53	6.88	0.5		
A0125851		2.63	15	361	148	116	455	60	7.83	0.5		
A0125852		2.64	20	559	163	106	462	62	8.09	<0.5		
A0125853		2.53	15	492	188	131	578	74	10.30	<0.5		
A0125854		2.53	33	756	258	162	564	71	9.66	<0.5		
A0125855		2.59	83	1410	222	599	500	36	3.56	<0.5		
A0125856		2.50	45	626	155	319	537	39	4.86	0.7		
A0125857		2.42	35	428	114	237	523	45	5.35	0.5		
A0125858		0.08	67	634	289	4720	4410	119	4.08	2.2		

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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			