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: 21-FEB-2019
Account: MZI

CERTIFICATE TB19031411

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 TB19031411

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
A0125859		1.37	<1	<1	<5	1	6	<1	12.95	0.6		
A0125860		0.08	4620	2110	1310	87	81	62	0.26	0.7		
A0125861		2.43	83	1340	235	355	621	45	4.61	0.6		
A0125862		2.41	138	1580	267	681	872	46	4.11	0.5		
A0125863		2.40	107	1320	244	672	648	40	4.11	0.5		
A0125864		2.51	113	1130	140	906	742	46	4.33	0.8		
A0125865		2.53	48	494	172	205	451	54	6.91	<0.5		
A0125866		2.47	64	1060	188	453	833	54	5.57	0.5		
A0125867		2.47	237	2380	396	1290	947	47	3.27	0.8		
A0125868		2.49	44	763	162	264	374	44	5.34	<0.5		
A0125869		2.48	125	1640	189	721	1040	55	4.76	0.8		
A0125870		2.59	113	426	83	513	588	49	5.15	0.5		
A0125871		2.46	75	538	112	365	525	38	3.96	0.5		
A0125872		2.36	158	1080	176	924	785	38	2.99	0.6		
A0125873		2.37	170	1150	143	934	787	44	3.88	0.5		
A0125874		2.45	1060	917	91	658	577	43	4.44	0.6		
A0125875		2.43	62	510	67	457	519	48	5.19	0.5		
A0125876		2.59	55	1490	216	454	596	44	4.75	<0.5		
A0125877		2.41	43	1100	221	276	506	49	5.36	<0.5		
A0125878		2.56	92	767	156	328	506	47	5.08	<0.5		
A0125879		0.07	52	616	319	4330	4330	113	3.97	2.0		
A0125880		2.47	40	809	90	188	533	47	5.30	<0.5		
A0125881		2.54	109	1180	172	1100	648	49	5.54	0.7		
A0125882		2.37	254	2240	302	830	1135	53	4.45	<0.5		
A0125883		2.62	148	1000	161	536	643	41	4.20	0.5		
A0125884		2.42	242	1560	178	958	1060	44	3.23	0.6		
A0125885		2.47	180	1120	140	564	931	50	4.90	<0.5		
A0125886		2.57	213	2710	228	1330	1365	60	5.11	0.7		
A0125887		2.51	57	748	144	311	537	42	4.22	<0.5		
A0125888		2.61	45	774	203	296	425	46	4.91	<0.5		
A0125889		2.52	27	969	105	277	510	38	3.91	<0.5		
A0125890		2.54	44	1180	179	394	655	39	3.61	<0.5		
A0125891		2.56	68	803	77	556	745	62	5.81	<0.5		
A0125892		2.55	46	752	114	654	650	53	5.22	0.5		
A0125893		2.47	30	601	120	503	563	35	2.86	<0.5		
A0125894		2.09	10	922	119	242	665	49	5.41	0.5		
A0125895		2.88	9	84	19	231	317	47	4.46	<0.5		
A0125896		2.67	9	104	34	145	239	49	4.40	<0.5		
A0125897		1.62	13	300	27	267	482	58	5.01	<0.5		
A0125898		1.91	50	1130	90	1080	1295	76	6.14	1.1		

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Finalized Date: 21-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19031411

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
A0125899		1.05	<1	<1	<5	3	4	3	13.50	<0.5		
A0125900		2.29	31	393	67	249	428	39	4.46	<0.5		
A0125901		2.28	68	1260	162	785	912	49	4.26	0.6		
A0125902		2.41	26	310	34	265	629	68	9.10	<0.5		
A0125903		2.21	82	495	87	621	463	32	3.28	0.7		
A0125904		2.44	118	1390	147	1020	730	33	2.24	0.5		
A0125905		2.59	180	1120	134	1230	749	36	2.11	0.6		
A0125906		2.33	86	595	94	640	443	28	2.38	<0.5		
A0125907		2.66	64	890	113	453	564	31	2.52	<0.5		
A0125908		2.47	85	1400	151	735	774	35	2.38	0.6		
A0125909		2.41	20	583	97	318	356	27	2.49	<0.5		
A0125910		2.57	22	566	103	244	368	25	2.55	<0.5		
A0125911		2.60	32	933	143	476	628	38	2.96	0.5		
A0125912		2.25	37	784	101	322	389	26	2.18	<0.5		
A0125913		2.39	30	502	86	289	370	26	2.14	<0.5		
A0125914		2.13	63	677	82	785	715	37	2.66	0.5		
A0125915		2.44	9	54	11	172	308	61	5.87	<0.5		
A0125916		2.25	13	200	49	131	439	61	7.18	<0.5		
A0125917		2.32	35	242	65	260	491	57	6.61	<0.5		
A0125918		1.75	17	79	17	173	361	52	6.19	<0.5		
A0125919		0.08	258	3580	801	>10000	>10000	1065	4.31	4.6	16100	46000
A0125920		1.82	37	319	40	294	471	57	6.39	0.5		
A0125921		2.60	172	2420	237	1110	1200	45	2.57	0.6		
A0125922		2.71	146	2950	225	1440	1160	39	2.43	1.1		
A0125923		2.74	95	2450	210	1240	1050	40	2.64	0.9		
A0125924		2.18	165	1560	161	1160	709	29	2.05	0.7		
A0125925		2.25	29	950	106	464	497	25	2.40	<0.5		
A0125926		2.19	64	1400	138	673	600	28	2.16	0.6		
A0125927		2.25	13	172	59	166	149	20	2.12	0.5		
A0125928		2.32	40	534	107	500	361	26	2.51	<0.5		
A0125929		2.46	72	2140	197	1030	931	35	2.30	0.7		
A0125930		2.33	65	2060	206	985	929	38	2.69	0.5		
A0125931		2.14	42	1480	151	570	704	31	2.49	0.7		
A0125932		2.17	48	2560	226	784	969	36	2.16	0.7		
A0125933		2.26	66	2170	202	1190	880	38	2.31	0.8		
A0125934		2.16	42	1040	121	832	428	30	3.02	0.5		
A0125935		2.29	56	967	95	819	533	51	5.13	1.3		
A0125936		0.08	121	613	317	4550	4260	117	4.02	2.5		

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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			