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-MAR-2019
Account: MZI

CERTIFICATE TB19046204

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 25-FEB-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
CLAIRE MCGUINNESS	DAVE PECK	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 TB19046204

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
A0126249		1.76	<1	1	<5	2	6	<1	13.35	<0.5		
A0126250		0.08	5190	2080	1280	84	82	63	0.25	0.7		
A0126251		2.19	12	562	216	41	562	72	10.70	<0.5		
A0126252		2.11	17	603	208	104	564	69	10.10	<0.5		
A0126253		2.23	29	976	164	227	343	22	2.35	<0.5		
A0126254		2.14	30	1300	185	128	403	22	2.03	<0.5		
A0126255		2.06	9	585	121	79	243	16	1.83	<0.5		
A0126256		2.07	20	1160	190	121	342	20	2.07	<0.5		
A0126257		2.14	21	850	141	118	388	34	3.76	<0.5		
A0126258		1.96	11	307	76	94	376	38	5.10	<0.5		
A0126259		2.25	12	960	137	58	338	25	2.98	<0.5		
A0126260		2.18	10	188	85	104	317	42	5.19	<0.5		
A0126261		2.09	31	646	89	165	375	34	4.10	<0.5		
A0126262		2.19	8	368	68	70	276	28	3.41	<0.5		
A0126263		2.06	24	1060	150	212	463	27	2.52	<0.5		
A0126264		2.02	33	748	91	179	347	28	3.15	<0.5		
A0126265		2.13	31	1020	134	222	434	26	2.56	<0.5		
A0126266		1.97	25	827	127	258	459	33	3.38	<0.5		
A0126267		1.98	10	308	98	97	292	28	3.26	<0.5		
A0126268		2.19	27	1270	255	151	321	28	3.02	<0.5		
A0126269		0.07	70	617	285	4370	4200	112	3.94	1.9		
A0126270		2.06	33	2450	412	112	288	32	4.03	<0.5		
A0126271		2.03	77	1680	221	313	592	60	7.61	<0.5		
A0126272		2.06	70	901	120	330	488	46	5.59	<0.5		
A0126273		2.02	152	1150	137	612	775	57	6.35	<0.5		
A0126274		1.60	56	967	103	299	711	48	5.90	<0.5		
A0126275		1.90	74	2640	296	423	951	50	4.58	<0.5		
A0126276		2.00	102	2780	267	563	1065	44	3.69	<0.5		
A0126277		2.06	31	945	199	149	373	26	2.79	<0.5		
A0126278		2.21	21	974	291	80	574	70	10.00	<0.5		
A0126279		2.11	13	594	141	48	404	48	6.98	<0.5		
A0126280		2.12	8	463	131	46	396	50	6.91	<0.5		
A0126281		2.87	7	333	114	55	379	50	6.77	<0.5		
A0126282		1.64	20	561	156	121	703	92	13.40	<0.5		
A0126283		1.77	8	475	97	42	728	90	14.00	<0.5		
A0126284		2.37	12	570	99	53	696	87	13.25	<0.5		
A0126285		2.32	14	596	137	62	737	89	13.55	<0.5		
A0126286		2.19	11	548	142	64	745	91	13.80	<0.5		
A0126287		2.39	10	605	145	50	668	82	12.55	<0.5		
A0126288		2.23	10	523	116	56	677	78	12.25	<0.5		

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CERTIFICATE OF ANALYSIS TB19046204

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
A0126289		1.07	<1	4	<5	1	3	<1	13.30	<0.5		
A0126290		2.14	15	717	178	60	742	86	13.50	<0.5		
A0126291		3.08	10	500	148	51	489	58	8.18	<0.5		
A0126292		2.41	10	512	125	42	544	62	9.34	<0.5		
A0126293		2.45	9	452	137	72	561	70	10.20	<0.5		
A0126294		2.38	8	394	129	58	518	66	9.05	<0.5		
A0126295		2.35	9	487	144	52	471	59	8.44	<0.5		
A0126296		2.30	9	524	155	52	481	59	8.59	<0.5		
A0126297		2.50	11	628	214	55	451	58	7.94	<0.5		
A0126298		2.43	6	523	156	60	435	54	7.22	<0.5		
A0126299		2.31	7	648	146	92	409	46	5.55	<0.5		
A0126300		1.97	26	232	19	276	409	51	5.29	<0.5		
A0126301		2.78	8	338	117	127	331	45	5.20	<0.5		
A0126302		2.39	9	205	57	128	283	47	5.14	<0.5		
A0126303		2.38	3	255	109	78	293	44	4.90	<0.5		
A0126304		2.48	12	233	105	120	280	44	5.08	<0.5		
A0126305		2.45	41	920	114	478	486	48	4.98	<0.5		
A0126306		2.36	16	250	31	197	417	48	5.43	<0.5		
A0126307		2.47	20	606	133	130	352	36	3.66	<0.5		
A0126308		2.45	25	426	121	211	337	40	4.35	<0.5		
A0126309		0.08	253	3520	818	>10000	>10000	968	3.93	3.9	16100	46200
A0126310		2.48	11	237	92	112	303	37	4.16	<0.5		
A0126311		2.25	58	639	136	295	382	35	3.72	<0.5		
A0126312		2.61	48	753	142	268	416	35	3.58	<0.5		
A0126313		2.84	9	414	126	94	323	38	3.86	<0.5		
A0126314		2.05	3	326	130	58	312	47	5.65	<0.5		
A0126315		1.97	9	372	143	70	367	54	6.62	<0.5		
A0126316		2.59	7	434	152	70	470	67	8.85	<0.5		
A0126317		2.59	8	379	133	57	431	60	8.17	<0.5		
A0126318		2.56	14	419	139	70	471	63	8.38	<0.5		
A0126319		2.40	16	434	145	61	509	67	9.29	<0.5		
A0126320		2.46	11	413	145	46	494	66	9.04	<0.5		
A0126321		2.44	14	472	159	63	532	71	9.91	<0.5		
A0126322		2.25	12	472	150	50	549	71	10.30	<0.5		
A0126323		2.36	11	436	143	49	498	62	8.93	<0.5		
A0126324		2.52	12	439	142	63	532	68	9.56	<0.5		
A0126325		2.67	14	468	139	47	546	69	10.15	<0.5		
A0126326		0.08	81	597	299	4450	4310	112	3.94	1.8		

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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			