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: 16-MAR-2019
Account: MZI

CERTIFICATE TB19049333

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 28-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 TB19049333

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
A0126483		2.02	<1	<1	<5	1	2	<1	13.60	<0.5		
A0126484		0.07	3730	1540	1200	87	88	65	0.27	<0.5		
A0126485		2.34	<1	20	<5	333	108	49	3.13	<0.5		
A0126486		2.31	15	330	23	304	234	51	2.70	<0.5		
A0126487		2.11	9	316	26	273	212	43	2.37	<0.5		
A0126488		2.44	18	471	42	527	366	39	1.76	<0.5		
A0126489		2.12	12	983	81	747	549	58	1.91	<0.5		
A0126490		2.14	14	1220	110	790	801	69	1.52	<0.5		
A0126491		2.36	33	220	21	273	273	49	4.41	<0.5		
A0126492		2.36	59	1200	96	532	817	62	4.72	<0.5		
A0126493		2.21	27	755	91	435	570	56	4.65	<0.5		
A0126494		2.31	12	90	8	170	243	49	4.93	<0.5		
A0126495		2.29	1	<1	<5	123	181	49	4.76	<0.5		
A0126496		2.16	3	32	<5	130	177	47	4.73	<0.5		
A0126497		2.23	3	15	<5	136	158	47	4.70	<0.5		
A0126498		2.17	2	<1	<5	132	179	50	4.64	<0.5		
A0126499		2.29	3	42	<5	199	173	52	4.76	<0.5		
A0126500		2.22	<1	2	<5	72	147	43	4.75	<0.5		
A0126501		2.15	<1	1	<5	149	185	48	4.75	<0.5		
A0126502		2.21	<1	<1	<5	95	193	48	5.06	<0.5		
A0126503		0.08	75	618	300	4520	4380	117	4.01	1.8		
A0126504		2.33	3	<1	<5	134	211	49	4.82	<0.5		
A0126505		2.13	1	38	<5	147	221	54	4.94	<0.5		
A0126506		2.23	3	1	<5	134	153	50	5.00	<0.5		
A0126507		2.55	36	544	37	248	276	58	5.37	<0.5		
A0126508		1.98	5	23	<5	146	166	48	4.92	<0.5		
A0126509		2.06	93	1380	113	132	580	70	6.15	<0.5		
A0126510		1.98	6	4	<5	125	178	49	4.85	<0.5		
A0126511		2.26	1	<1	<5	103	185	49	4.82	<0.5		
A0126512		2.21	2	24	<5	101	197	49	4.87	<0.5		
A0126513		2.22	<1	<1	<5	73	190	50	5.18	<0.5		
A0126514		2.31	3	1	<5	129	207	52	5.02	<0.5		
A0126515		2.35	8	87	7	172	261	56	5.43	<0.5		
A0126516		2.28	5	23	<5	130	237	56	5.51	<0.5		
A0126517		2.28	2	9	<5	134	256	53	5.72	<0.5		
A0126518		2.29	2	60	7	150	243	50	4.86	<0.5		
A0126519		2.34	2	<1	<5	128	219	45	4.89	<0.5		
A0126520		2.35	<1	<1	<5	129	221	46	4.74	<0.5		
A0126521		2.21	<1	<1	<5	84	135	31	2.87	<0.5		
A0126522		2.27	1	<1	<5	145	225	49	4.68	<0.5		

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CERTIFICATE OF ANALYSIS TB19049333

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
A0126523		1.56	<1	<1	<5	1	2	<1	13.40	<0.5		
A0126524		2.37	2	1	<5	167	328	70	7.04	<0.5		
A0126525		2.21	5	<1	<5	156	324	68	6.95	<0.5		
A0126526		2.35	20	413	54	362	511	66	6.12	<0.5		
A0126527		2.40	6	1	<5	172	288	55	5.54	<0.5		
A0126528		2.24	4	1	<5	185	353	65	7.12	<0.5		
A0126529		2.42	6	68	6	175	343	64	6.47	<0.5		
A0126530		2.42	8	4	<5	190	257	52	4.84	<0.5		
A0126531		2.36	<1	<1	<5	118	232	50	4.94	<0.5		
A0126532		2.42	3	1	<5	143	240	47	4.52	<0.5		
A0126533		2.30	3	3	<5	176	271	49	4.45	<0.5		
A0126534		2.12	2	1	<5	176	255	49	4.48	<0.5		
A0126535		2.28	13	58	10	281	310	50	4.93	<0.5		
A0126536		2.30	7	106	22	94	528	70	10.00	<0.5		
A0126537		2.36	29	71	15	430	737	83	10.65	<0.5		
A0126538		2.33	142	914	103	901	1185	93	10.65	0.6		
A0126539		2.34	14	113	14	179	507	66	8.54	<0.5		
A0126540		2.31	13	34	7	223	436	61	7.60	<0.5		
A0126541		2.27	8	32	<5	277	321	51	5.02	<0.5		
A0126542		2.24	10	30	<5	453	280	47	4.52	<0.5		
A0126543		0.08	232	3270	754	>10000	>10000	962	3.94	4.1	16200	45700
A0126544		2.51	26	272	32	606	618	64	5.63	<0.5		
A0126545		2.37	3	6	<5	249	334	54	6.23	<0.5		
A0126546		2.23	7	81	10	271	429	59	6.44	<0.5		
A0126547		2.04	9	27	<5	348	403	56	5.70	<0.5		
A0126548		2.32	4	87	10	155	217	34	3.23	<0.5		
A0126549		2.37	31	45	<5	350	430	56	5.45	<0.5		
A0126550		2.15	5	11	<5	129	228	37	4.70	<0.5		
A0126551		2.27	5	8	<5	319	481	67	6.39	<0.5		
A0126552		1.65	147	1860	145	887	729	45	2.23	0.6		
A0126553		1.57	131	1240	98	858	526	28	1.21	0.7		
A0126554		1.77	12	83	13	146	205	37	3.87	<0.5		
A0126555		2.32	46	360	29	376	232	28	2.37	<0.5		
A0126556		2.78	7	80	12	86	213	40	4.48	<0.5		
A0126557		2.28	110	1420	165	719	755	39	1.67	<0.5		
A0126558		1.80	104	1160	86	653	516	33	1.82	<0.5		
A0126559		2.74	11	57	8	107	388	57	7.10	<0.5		
A0126560		0.07	62	609	293	4470	4180	111	3.82	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			