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: 14-MAR-2019
Account: MZI

CERTIFICATE TB19049335

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 TB19049335

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
X095476		2.38	<1	<1	<5	1	1	<1	13.00	<0.5		
X095477		0.08	5120	2040	1300	84	82	61	0.26	0.9		
X095478		2.24	3	9	<5	187	311	58	6.05	<0.5		
X095479		2.22	6	67	6	114	248	41	4.84	<0.5		
X095480		1.79	<1	2	<5	83	247	39	5.12	<0.5		
X095481		2.07	<1	<1	<5	90	247	41	5.15	<0.5		
X095482		2.14	42	389	39	346	323	43	4.93	<0.5		
X095483		2.14	1	<1	<5	71	262	42	5.15	<0.5		
X095484		1.96	2	27	<5	70	258	40	4.92	<0.5		
X095485		2.12	27	531	45	324	356	46	5.02	<0.5		
X095486		2.07	7	99	10	129	386	49	5.48	<0.5		
X095487		1.96	2	16	<5	73	224	40	4.54	<0.5		
X095488		2.15	<1	<1	<5	97	233	40	4.92	<0.5		
X095489		2.11	<1	74	8	86	231	39	4.87	<0.5		
X095490		2.24	8	96	21	132	269	40	5.09	<0.5		
X095491		1.85	13	50	<5	367	414	48	4.94	<0.5		
X095492		1.98	6	125	12	159	263	49	5.39	<0.5		
X095493		2.03	35	34	<5	534	276	54	5.96	<0.5		
X095494		2.04	<1	6	<5	74	271	50	5.85	<0.5		
X095495		1.95	9	20	<5	260	266	54	5.70	<0.5		
X095496		0.08	85	603	304	4510	4380	115	3.92	1.6		
X095497		1.58	26	102	11	379	238	52	4.72	<0.5		
X095498		2.05	<1	<1	<5	43	24	8	0.79	<0.5		
X095499		1.96	<1	<1	<5	26	23	7	0.77	<0.5		
X095500		2.54	6	33	<5	162	279	42	4.82	<0.5		
X095501		1.91	14	179	10	251	326	46	5.33	<0.5		
X095502		2.01	17	550	113	385	409	50	5.74	<0.5		
X095503		1.91	8	315	32	144	344	33	3.18	<0.5		
X095504		2.23	7	49	5	139	238	33	4.14	<0.5		
X095505		2.10	8	303	26	111	357	40	4.84	<0.5		
X095506		2.05	41	298	17	677	572	55	4.80	<0.5		
X095507		1.99	85	1200	73	911	644	66	4.57	<0.5		
X095508		2.23	7	45	6	146	251	41	4.66	<0.5		
X095509		2.05	<1	6	<5	91	252	40	4.86	<0.5		
X095510		2.12	2	159	13	86	303	39	4.75	<0.5		
X095511		2.01	1	37	5	90	248	40	5.02	<0.5		
X095512		2.18	3	19	<5	113	264	43	5.31	<0.5		
X095513		2.03	4	107	9	139	286	41	5.25	<0.5		
X095514		2.07	3	68	6	128	266	42	5.23	<0.5		
X095515		2.03	13	345	22	169	299	43	4.91	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 14-MAR-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19049335

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
X095516		1.41	<1	<1	<5	3	1	<1	13.05	<0.5		
X095517		2.05	11	428	37	170	359	42	5.36	<0.5		
X095518		1.92	<1	25	<5	95	285	44	5.60	<0.5		
X095519		2.10	<1	48	<5	87	272	42	5.38	<0.5		
X095520		2.28	26	489	28	346	671	73	7.28	<0.5		
X095521		2.09	1	<1	<5	134	392	55	7.83	<0.5		
X095522		2.11	2	8	<5	106	322	48	6.70	<0.5		
X095523		2.07	1	41	5	164	340	50	6.07	<0.5		
X095524		2.07	<1	37	<5	109	328	47	5.75	<0.5		
X095525		2.29	1	<1	<5	116	345	52	6.37	<0.5		
X095526		2.12	6	285	<5	195	373	54	6.38	<0.5		
X095527		2.15	1	1	<5	99	324	49	6.46	<0.5		
X095528		2.04	<1	<1	<5	75	314	51	6.89	<0.5		
X095529		2.29	8	77	<5	195	365	53	6.13	<0.5		
X095530		2.14	51	404	28	237	428	60	6.60	<0.5		
X095531		1.98	4	71	<5	114	327	50	6.62	<0.5		
X095532		1.95	1	7	<5	82	307	52	6.51	<0.5		
X095533		1.79	<1	<1	<5	80	291	46	6.51	<0.5		
X095534		2.03	8	56	6	116	302	49	5.97	<0.5		
X095535		2.38	89	530	37	770	462	58	4.66	<0.5		
X095536		0.08	248	3330	776	>10000	>10000	937	3.84	3.7	16600	45500
X095537		1.90	6	70	5	123	240	46	4.67	<0.5		
X095538		2.21	1	17	<5	94	188	42	4.50	<0.5		
X095539		2.14	3	<1	<5	88	170	41	4.31	<0.5		
X095540		2.17	15	20	<5	89	164	45	4.22	<0.5		
X095541		2.18	8	324	25	308	391	47	4.50	<0.5		
X095542		1.99	16	22	<5	189	351	50	5.67	<0.5		
X095543		2.07	7	126	17	366	835	66	6.91	<0.5		
X095544		2.32	3	344	24	186	476	59	7.20	<0.5		
X095545		1.96	21	585	39	275	565	65	7.25	<0.5		
X095546		1.71	25	112	12	153	481	79	10.75	<0.5		
X095547		2.14	22	349	11	214	511	82	10.80	<0.5		
X095548		2.39	43	434	29	400	609	84	10.35	<0.5		
X095549		1.91	40	456	41	344	635	82	9.82	<0.5		
X095550		2.05	32	340	19	231	507	81	10.10	<0.5		
X095551		2.33	31	122	16	161	423	76	9.65	<0.5		
X095552		1.61	5	83	8	120	426	69	9.26	<0.5		
X095553		0.08	78	598	294	4410	4250	112	3.83	1.7		

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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			