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 TB19046206

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 TB19046206

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
A0126405		2.30	<1	<1	<5	1	2	<1	13.50	<0.5		
A0126406		0.07	4550	1980	1280	86	85	63	0.26	0.8		
A0126407		1.93	77	629	53	317	270	14	0.87	<0.5		
A0126408		2.09	87	850	65	468	340	12	0.45	<0.5		
A0126409		1.87	88	1480	131	571	667	20	0.48	<0.5		
A0126410		2.16	71	132	10	700	144	15	0.68	0.6		
A0126411		2.14	144	1450	126	734	727	16	0.31	<0.5		
A0126412		2.14	67	462	40	417	262	9	0.36	<0.5		
A0126413		1.74	93	799	69	389	401	11	0.43	<0.5		
A0126414		1.45	167	1630	140	714	834	19	0.32	<0.5		
A0126415		1.57	36	268	21	308	156	22	1.92	<0.5		
A0126416		1.81	13	187	16	102	99	11	1.20	<0.5		
A0126417		1.96	37	862	66	422	351	14	0.72	<0.5		
A0126418		2.08	3	4	<5	94	23	2	0.12	<0.5		
A0126419		2.22	3	15	<5	101	16	1	0.14	<0.5		
A0126420		2.09	49	448	40	373	177	7	0.18	<0.5		
A0126421		2.02	91	544	44	1155	288	20	0.99	0.7		
A0126422		2.13	76	669	55	429	298	14	0.70	<0.5		
A0126423		2.01	23	282	17	416	146	18	1.30	<0.5		
A0126424		2.08	45	668	53	325	268	11	0.37	<0.5		
A0126425		0.07	53	611	323	4460	4400	113	3.95	1.7		
A0126426		2.18	353	2760	212	1095	1015	28	0.40	0.5		
A0126427		2.23	38	287	25	318	131	13	0.50	<0.5		
A0126428		2.15	97	956	76	364	414	12	0.39	<0.5		
A0126429		2.29	67	796	65	409	327	19	1.34	<0.5		
A0126430		2.19	25	252	23	315	88	9	0.25	<0.5		
A0126431		2.11	39	419	35	277	178	9	0.34	<0.5		
A0126432		2.28	92	1120	94	432	413	15	0.27	<0.5		
A0126433		2.08	28	450	35	221	146	6	0.21	<0.5		
A0126434		2.24	31	634	50	342	236	8	0.16	<0.5		
A0126435		2.22	45	800	68	393	321	10	0.13	<0.5		
A0126436		2.33	327	3760	290	1280	1230	32	0.17	0.5		
A0126437		2.24	66	925	70	538	296	15	0.31	<0.5		
A0126438		2.11	122	1220	100	577	508	19	0.61	<0.5		
A0126439		1.98	22	270	21	249	114	12	0.34	<0.5		
A0126440		1.85	35	614	57	431	309	18	0.93	<0.5		
A0126441		1.55	100	1430	113	756	646	20	0.35	<0.5		
A0126442		1.97	22	51	<5	357	45	19	1.12	<0.5		
A0126443		1.84	13	214	19	345	127	19	0.86	<0.5		
A0126444		2.40	3	110	9	250	61	17	0.87	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 6-MAR-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19046206

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
A0126445		1.21	<1	<1	<5	1	<1	<1	13.45	<0.5		
A0126446		2.43	24	398	32	310	140	10	0.47	<0.5		
A0126447		1.56	37	1220	96	400	349	13	0.40	<0.5		
A0126448		2.36	88	2360	179	646	748	20	0.39	<0.5		
A0126449		2.41	15	272	21	231	132	8	0.56	<0.5		
A0126450		2.47	9	60	7	158	80	27	1.77	<0.5		
A0126451		2.43	18	383	30	274	140	14	0.78	<0.5		
A0126452		1.59	8	283	24	123	90	10	0.72	<0.5		
A0126453		1.89	4	127	10	135	76	14	0.94	<0.5		
A0126454		2.66	<1	1	<5	35	96	36	3.67	<0.5		
A0126455		2.56	3	67	<5	74	168	47	4.56	<0.5		
A0126456		2.64	5	9	<5	93	166	49	4.58	<0.5		
A0126457		2.68	7	27	6	127	197	48	4.57	<0.5		
A0126458		2.59	7	22	<5	161	205	45	4.73	<0.5		
A0126459		2.35	27	85	11	188	233	45	4.44	<0.5		
A0126460		2.61	14	46	5	160	226	47	4.66	<0.5		
A0126461		2.54	247	750	86	697	750	57	4.65	<0.5		
A0126462		2.27	129	470	50	570	567	56	4.60	<0.5		
A0126463		2.63	83	518	44	379	495	55	4.82	<0.5		
A0126464		2.36	57	152	15	257	289	52	4.68	<0.5		
A0126465		0.08	237	3570	826	>10000	>10000	956	3.89	3.9	16350	46900
A0126466		2.50	94	656	59	514	588	55	4.55	<0.5		
A0126467		2.37	76	335	28	349	396	54	4.67	<0.5		
A0126468		2.37	15	20	<5	133	191	47	4.57	<0.5		
A0126469		2.47	18	72	9	150	214	51	4.71	<0.5		
A0126470		2.47	54	380	22	279	417	59	4.58	<0.5		
A0126471		2.44	2	5	<5	89	170	50	4.35	<0.5		
A0126472		2.27	2	3	<5	106	181	46	4.16	<0.5		
A0126473		2.43	3	4	<5	109	173	46	4.16	<0.5		
A0126474		2.48	4	27	<5	124	203	54	4.68	<0.5		
A0126475		2.17	7	99	9	98	192	48	4.09	<0.5		
A0126476		2.74	5	117	8	112	223	52	4.89	<0.5		
A0126477		2.42	3	14	<5	156	155	58	5.00	<0.5		
A0126478		2.51	<1	18	<5	50	130	49	4.28	<0.5		
A0126479		2.51	<1	20	<5	54	152	55	4.48	<0.5		
A0126480		2.55	9	10	<5	554	140	60	4.27	<0.5		
A0126481		0.08	136	605	284	4430	4350	116	3.94	1.9		
A0126482		2.39	1	21	<5	269	99	52	3.78	<0.5		

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CERTIFICATE OF ANALYSIS TB19046206

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			