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: 1-JUL-2019
Account: MZI

CERTIFICATE TB19149618

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 19-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
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 TB19149618

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
A0152565		1.91	1	1	<5	2	2	<1	13.15	<0.5		
A0152566		0.08	4830	1980	1260	87	84	63	0.26	0.8		
A0152567		2.25	13	94	20	102	420	86	8.95	<0.5		
A0152568		2.92	23	194	38	171	446	84	8.46	<0.5		
A0152569		2.43	10	98	22	96	484	99	10.30	<0.5		
A0152570		2.38	10	69	14	110	302	59	5.64	<0.5		
A0152571		2.45	166	1280	188	719	818	96	8.36	<0.5		
A0152572		2.60	741	5480	835	3050	3050	108	5.48	1.1		
A0152573		2.05	663	5320	815	3200	3260	109	5.39	1.8		
A0152574		2.43	26	509	84	334	461	38	2.82	<0.5		
A0152575		2.44	26	536	84	287	353	33	2.37	<0.5		
A0152576		2.41	11	101	16	162	204	33	2.64	<0.5		
A0152577		2.76	10	109	22	127	573	101	10.40	<0.5		
A0152578		2.64	18	162	33	177	603	100	10.35	<0.5		
A0152579		2.16	14	125	26	184	475	80	8.21	<0.5		
A0152580		2.14	59	205	38	235	464	75	7.61	<0.5		
A0152581		2.31	21	222	42	179	557	92	9.37	<0.5		
A0152582		2.55	30	315	57	293	658	98	9.94	<0.5		
A0152583		2.36	12	83	18	94	537	98	10.30	<0.5		
A0152584		2.56	8	87	23	25	529	101	10.10	<0.5		
A0152585		0.07	78	597	282	4510	4390	114	3.98	1.9		
A0152586		1.63	20	156	34	69	557	103	10.35	<0.5		
A0152587		1.59	1	53	8	34	110	19	1.62	<0.5		
A0152588		1.54	4	73	13	64	133	21	1.87	<0.5		
A0152589		2.51	3	80	13	60	141	28	2.28	<0.5		
A0152590		2.49	2	53	11	70	210	33	4.03	<0.5		
A0152591		2.33	6	10	<5	166	241	39	4.68	<0.5		
A0152592		2.43	4	30	8	79	220	38	4.07	<0.5		
A0152593		2.42	2	54	9	85	171	34	3.18	<0.5		
A0152594		2.30	6	8	<5	216	207	43	4.84	<0.5		
A0152595		2.43	2	3	5	111	197	44	4.85	<0.5		
A0152596		2.69	4	7	<5	162	248	48	5.15	<0.5		
A0152597		2.46	5	4	<5	180	245	46	5.35	<0.5		
A0152598		2.10	2	4	<5	158	254	47	5.75	<0.5		
A0152599		1.85	1	4	<5	113	262	48	6.00	<0.5		
A0152600		2.46	3	7	<5	184	233	46	5.36	<0.5		
A0152601		2.20	3	12	<5	149	199	26	3.75	<0.5		
A0152602		2.52	14	181	41	269	373	67	6.20	<0.5		
A0152603		1.10	6	6	<5	101	275	52	5.60	<0.5		
A0152604		2.33	73	346	61	811	770	81	7.01	<0.5		

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Finalized Date: 1-JUL-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19149618

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
A0152605		1.73	<1	<1	<5	2	1	<1	12.95	<0.5		
A0152606		1.56	23	194	41	191	502	88	9.00	<0.5		
A0152607		1.86	12	98	21	119	423	81	8.42	<0.5		
A0152608		1.47	10	53	11	186	232	43	4.08	<0.5		
A0152609		2.55	21	185	63	489	413	51	5.02	<0.5		
A0152610		2.28	1	54	7	26	167	36	3.01	<0.5		
A0152611		2.41	1	61	6	32	273	50	4.45	<0.5		
A0152612		1.78	1	64	6	23	238	43	4.02	<0.5		
A0152613		1.83	101	31	5	126	420	52	3.86	<0.5		
A0152614		2.60	37	10	6	723	896	86	3.52	<0.5		
A0152615		2.59	6	<1	<5	909	940	104	3.40	<0.5		
A0152616		2.68	22	18	49	321	734	81	3.61	<0.5		
A0152617		1.43	2	39	6	20	487	52	4.12	<0.5		
A0152618		1.31	2	115	5	24	549	64	5.25	<0.5		
A0152619		2.16	4	114	24	57	347	37	3.62	<0.5		
A0152620		2.18	6	172	19	79	402	51	5.68	<0.5		
A0152621		2.24	2	92	11	36	487	59	6.32	<0.5		
A0152622		2.09	1	59	<5	25	392	55	4.60	<0.5		
A0152623		2.05	1	59	9	20	272	40	3.24	<0.5		
A0152624		2.21	3	83	14	47	336	52	6.04	<0.5		
A0152625		0.08	246	3220	748	>10000	>10000	958	3.93	3.9	15550	44800
A0152626		2.19	2	40	5	53	309	49	4.03	<0.5		
A0152627		2.06	<1	32	5	31	285	52	4.25	<0.5		
A0152628		2.14	<1	25	<5	24	271	49	4.22	<0.5		
A0152629		2.10	<1	21	<5	21	261	49	4.44	<0.5		
A0152630		2.11	1	28	<5	28	261	49	4.31	<0.5		
A0152631		2.15	<1	28	<5	20	275	50	4.21	<0.5		
A0152632		2.21	1	29	<5	15	276	52	4.43	<0.5		
A0152633		2.20	<1	25	<5	15	263	51	4.19	<0.5		
A0152634		2.09	<1	18	<5	9	214	45	3.77	<0.5		
A0152635		2.25	<1	19	<5	22	253	49	4.54	<0.5		
A0152636		2.29	<1	20	<5	34	231	46	4.30	<0.5		
A0152637		2.20	<1	25	<5	33	217	44	4.01	<0.5		
A0152638		2.37	<1	24	<5	15	187	38	3.33	<0.5		
A0152639		2.54	<1	26	<5	14	167	35	2.99	<0.5		
A0152640		2.33	<1	22	<5	18	182	37	3.29	<0.5		
A0152641		1.99	<1	19	<5	20	220	45	3.94	<0.5		
A0152642		0.07	73	628	295	4600	4290	112	3.84	1.7		

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CERTIFICATE OF ANALYSIS TB19149618

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			