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: 3-DEC-2018
Account: MZI

CERTIFICATE TB18288631

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 14-NOV-2018.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS LDIM WEBTRIEVE	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
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

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 TB18288631

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
X094558		1.11	1	1	<5	<1	<1	<1	13.95	<0.5		
X094559		0.08	4910	1980	1300	86	84	65	0.26	0.7		
X094560		2.67	8	948	86	161	716	56	5.77	<0.5		
X094561		2.62	4	187	14	78	398	45	5.28	<0.5		
X094562		2.38	11	477	54	198	485	52	6.00	<0.5		
X094563		2.48	31	318	42	495	459	52	5.95	<0.5		
X094564		2.60	18	83	11	256	433	65	7.87	<0.5		
X094565		2.59	32	199	30	375	875	88	11.70	<0.5		
X094566		2.51	19	74	8	174	633	83	11.80	<0.5		
X094567		2.69	7	17	6	136	565	79	10.75	<0.5		
X094568		2.59	7	11	<5	129	610	87	11.85	<0.5		
X094569		2.61	21	178	21	304	678	81	10.05	<0.5		
X094570		2.65	20	30	<5	408	437	58	6.85	<0.5		
X094571		2.58	1	10	<5	58	502	56	7.60	<0.5		
X094572		2.50	2	3	<5	116	555	77	10.75	<0.5		
X094573		2.57	14	159	27	214	579	76	9.90	<0.5		
X094574		2.83	3	8	<5	128	620	80	10.65	<0.5		
X094575		1.53	1	<1	<5	125	548	78	10.55	<0.5		
X094576		1.96	3	2	<5	131	602	83	11.20	<0.5		
X094577		1.91	38	134	15	242	715	91	11.75	<0.5		
X094578		0.08	270	3510	813	>10000	>10000	1000	4.11	4.0	16050	45600
X094579		2.98	7	20	<5	147	606	83	11.30	<0.5		
X094580		2.26	3	9	<5	129	590	83	11.00	<0.5		
X094581		2.56	18	62	6	204	603	83	11.25	<0.5		
X094582		2.76	19	78	9	216	648	83	10.70	<0.5		
X094583		2.83	12	118	9	195	711	93	11.65	<0.5		
X094584		2.67	58	723	117	1075	1130	102	10.45	<0.5		
X094585		2.64	34	2500	281	2040	3590	197	11.20	0.5		
X094586		2.54	23	429	71	622	762	71	5.04	<0.5		
X094587		2.74	12	135	25	203	554	78	9.99	<0.5		
X094588		2.68	6	89	9	147	630	89	11.55	<0.5		
X094589		2.90	131	486	77	493	843	98	11.75	<0.5		
X094590		2.71	46	228	27	322	675	90	11.55	<0.5		
X094591		2.58	40	259	32	435	718	87	10.30	<0.5		
X094592		2.45	5	20	<5	209	619	87	10.75	<0.5		
X094593		2.51	12	73	11	285	642	83	10.50	<0.5		
X094594		2.71	5	16	<5	129	502	78	10.10	<0.5		
X094595		3.14	22	155	15	250	493	70	8.09	<0.5		
X094596		2.41	7	15	<5	187	454	70	8.43	<0.5		
X094597		2.47	13	295	31	278	536	66	7.16	<0.5		

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Finalized Date: 3-DEC-2018
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB18288631

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
X094598		1.20	<1	1	<5	<1	<1	<1	13.45	<0.5		
X094599		3.25	12	98	15	212	505	71	8.36	<0.5		
X094600		2.12	19	80	10	207	366	65	6.30	<0.5		
X094601		2.40	11	60	6	187	518	78	9.10	<0.5		
X094602		2.08	50	491	61	355	548	70	7.74	<0.5		
X094603		2.31	15	213	28	259	561	79	8.43	<0.5		
X094604		2.42	16	229	25	296	651	88	10.70	<0.5		
X094605		2.19	27	140	16	231	583	86	9.91	<0.5		
X094606		2.30	4	4	<5	168	476	83	9.31	<0.5		
X094607		2.40	15	218	29	191	537	75	8.88	<0.5		
X094608		2.52	43	363	31	474	602	76	6.95	<0.5		
X094609		2.32	108	286	41	644	571	73	7.97	<0.5		
X094610		2.42	2	70	9	129	519	76	9.62	<0.5		
X094611		2.24	5	18	<5	113	502	78	10.05	<0.5		
X094612		2.48	5	33	7	135	545	88	10.90	<0.5		
X094613		2.43	<1	1	<5	111	536	87	10.95	<0.5		
X094614		1.91	1	1	<5	105	514	82	10.40	<0.5		
X094615		2.22	15	25	<5	217	468	67	7.90	<0.5		
X094616		2.02	4	13	<5	152	529	84	10.20	<0.5		
X094617		2.51	3	21	<5	88	456	71	8.87	<0.5		
X094618		0.08	49	614	276	4630	4540	117	4.11	2.0		
X094619		2.10	3	7	<5	99	525	82	10.60	<0.5		
X094620		2.18	4	18	<5	101	556	88	11.45	<0.5		
X094621		2.07	19	311	32	299	551	79	9.74	<0.5		
X094622		2.29	2	1	<5	87	469	73	9.09	<0.5		
X094623		2.25	3	16	5	108	502	76	9.93	<0.5		
X094624		2.43	7	133	7	125	512	77	9.52	<0.5		
X094625		2.38	2	19	<5	105	480	76	9.43	<0.5		
X094626		2.28	3	60	5	115	563	83	10.25	<0.5		
X094627		2.21	2	96	16	139	529	80	9.73	<0.5		
X094628		2.41	6	82	6	152	554	79	9.78	<0.5		
X094629		2.32	9	72	7	119	511	79	9.73	<0.5		
X094630		2.43	6	39	<5	262	399	60	6.34	<0.5		
X094631		2.46	48	267	29	267	543	79	8.91	<0.5		
X094632		1.83	3	6	<5	271	380	58	4.98	<0.5		
X094633		1.48	3	4	<5	102	554	84	10.85	<0.5		
X094634		1.89	19	175	16	150	529	81	10.00	<0.5		
X094635		0.08	251	3530	785	>10000	>10000	965	3.99	4.2	16300	46300

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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			