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: 5-NOV-2018
Account: MZI

CERTIFICATE TB18267935

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 24-OCT-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
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
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 TB18267935

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	PGM-ICP27 Au ppb 10	PGM-ICP27 Pd ppb 10	PGM-ICP27 Pt ppb 10	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
X094012		1.03	<1	1	<5				9	7	6	13.80	<0.5		
X094013		0.08	4870	2020	1280				88	86	65	0.26	0.8		
X094014		2.24	30	239	56				201	319	57	5.84	<0.5		
X094015		2.25	44	381	73				256	395	55	5.29	<0.5		
X094016		2.28	49	336	59				259	384	54	5.32	<0.5		
X094017		2.28	163	1110	137				875	996	72	5.64	<0.5		
X094018		2.06	17	133	38				155	259	40	4.02	<0.5		
X094019		2.88	12	108	39				135	254	47	4.88	<0.5		
X094020		2.66	17	211	47				115	261	41	3.78	<0.5		
X094021		2.85	11	84	34				144	240	44	4.28	<0.5		
X094022		2.89	36	183	49				238	366	44	4.05	<0.5		
X094023		2.39	106	394	78				590	607	53	4.79	<0.5		
X094024		2.31	122	506	79				575	581	50	4.45	<0.5		
X094025		2.33	184	1040	128				763	774	53	4.39	0.5		
X094026		2.73	98	532	75				553	594	49	4.07	<0.5		
X094027		2.74	26	175	31				261	318	48	4.66	<0.5		
X094028		1.75	22	236	39				234	293	48	4.24	<0.5		
X094029		1.83	11	81	23				193	249	50	4.46	<0.5		
X094030		2.21	12	34	7				148	241	49	4.80	<0.5		
X094031		2.34	72	1000	60				323	328	51	4.67	<0.5		
X094032		0.08	79	619	308				4490	4190	113	3.89	1.8		
X094033		2.62	8	53	14				123	323	54	6.57	<0.5		
X094034		2.24	66	938	76				511	674	68	6.92	<0.5		
X094035		2.18	14	72	12				153	358	57	6.90	<0.5		
X094036		2.44	36	493	49				191	242	55	5.02	<0.5		
X094037		2.45	5	37	8				100	216	58	5.32	<0.5		
X094038		2.20	15	175	15				129	214	54	5.11	<0.5		
X094039		2.11	31	168	19				314	360	60	5.13	<0.5		
X094040		2.27	62	237	32				450	492	62	5.12	<0.5		
X094041		2.26	52	144	36				458	547	68	6.18	<0.5		
X094042		2.32	34	60	13				288	436	58	5.74	<0.5		
X094043		2.36	26	41	12				265	426	56	5.42	<0.5		
X094044		2.21	13	10	<5				86	322	50	5.42	<0.5		
X094045		2.16	29	79	17				175	376	55	5.82	<0.5		
X094046		2.32	126	646	79				586	691	83	6.82	<0.5		
X094047		2.24	193	1200	143				1045	985	90	6.09	0.6		
X094048		2.19	168	807	85				968	773	73	5.45	0.7		
X094049		2.12	174	1500	153				979	838	64	5.21	0.5		
X094050		2.29	177	1390	171				793	746	62	5.36	<0.5		
X094051		2.25	134	851	77				545	552	58	5.28	<0.5		

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Finalized Date: 5-NOV-2018
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB18267935

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	PGM-ICP27 Au ppb 10	PGM-ICP27 Pd ppb 10	PGM-ICP27 Pt ppb 10	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
X094052		1.09	<1	3	<5				3	2	3	12.95	<0.5		
X094053		2.28	187	1470	124				847	762	58	4.74	<0.5		
X094054		2.07	61	349	41				264	366	44	4.40	<0.5		
X094055		2.30	148	1455	124				923	815	68	5.18	0.5		
X094056		2.24	20	134	15				292	292	44	4.68	<0.5		
X094057		2.16	19	127	15				141	315	49	5.22	<0.5		
X094058		2.03	15	63	19				152	309	52	5.20	<0.5		
X094059		2.20	44	215	33				454	452	61	5.13	<0.5		
X094060		2.23	46	156	34				381	380	54	4.66	<0.5		
X094061		2.13	34	94	23				320	324	55	4.73	<0.5		
X094062		2.47	18	42	7				162	187	41	4.43	<0.5		
X094063		2.63	24	92	13				191	193	34	3.81	<0.5		
X094064		2.38	25	157	19				331	151	12	0.35	<0.5		
X094065		2.50	21	213	30				97	99	4	0.22	<0.5		
X094066		2.37	11	108	18				274	121	6	0.34	<0.5		
X094067		2.05	9	266	36				399	169	23	0.86	<0.5		
X094068		2.18	9	23	5				220	108	26	2.11	<0.5		
X094069		1.76	7	33	<5				99	58	18	1.54	<0.5		
X094070		2.04	5	103	11				56	45	12	1.08	<0.5		
X094071		2.40	2	62	6				63	33	6	0.54	<0.5		
X094072		0.08	242	3510	800				>10000	>10000	963	3.95	3.9	16050	45300
X094073		2.04	12	55	8				270	193	44	3.53	<0.5		
X094074		1.73	104	3030	201				399	282	30	1.28	<0.5		
X094075		2.13	141	2040	164				476	272	29	1.31	<0.5		
X094076		1.94	195	2130	185				748	461	38	1.42	0.5		
X094077		2.13	314	3210	259				1135	740	47	1.41	<0.5		
X094078		2.15	806	9760	770				3320	2400	102	1.97	1.5		
X094079		2.02	942	>10000	897	910	10900	910	3610	2390	93	1.60	1.6		
X094080		2.17	1290	>10000	1100	1130	13000	1060	4530	2920	106	1.64	2.1		
X094081		2.23	1070	>10000	901	1010	10600	790	4250	2430	90	1.66	2.1		
X094082		2.13	208	1880	145				967	582	32	1.12	0.5		
X094083		2.19	185	1450	116				787	448	30	0.89	0.7		
X094084		2.22	245	3260	302				1230	662	38	1.27	0.8		
X094085		2.26	168	2050	170				943	543	29	0.87	0.7		
X094086		2.19	192	1690	139				828	458	26	0.66	0.5		
X094087		2.27	109	1125	90				633	405	35	1.49	<0.5		
X094088		2.16	214	2300	178				1095	692	50	2.00	0.7		
X094089		0.08	66	626	287				4740	4550	122	4.00	2.0		

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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	PGM-ICP27		