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: 2-APR-2019
Account: MZI

CERTIFICATE TB19067484

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 21-MAR-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 TB19067484

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
A0127419		2.30	<1	<1	<5	1	<1	<1	13.25	<0.5		
A0127420		0.08	4700	2020	1310	91	84	63	0.25	0.7		
A0127421		2.96	1	70	8	38	235	54	4.25	<0.5		
A0127422		2.64	5	96	11	50	155	37	2.63	<0.5		
A0127423		2.65	3	222	45	41	189	43	3.12	<0.5		
A0127424		2.70	2	103	16	25	193	45	3.47	<0.5		
A0127425		2.61	2	112	12	30	224	51	4.13	<0.5		
A0127426		2.47	7	129	12	83	195	45	3.45	<0.5		
A0127427		2.47	4	141	19	54	201	45	3.50	<0.5		
A0127428		2.61	10	132	37	81	173	37	2.75	<0.5		
A0127429		2.40	44	2320	237	376	1335	66	4.10	<0.5		
A0127430		2.62	173	1560	187	1400	1110	63	3.81	<0.5		
A0127431		2.58	187	2200	202	1280	916	65	4.19	<0.5		
A0127432		2.66	251	2360	252	1850	1100	66	3.31	0.5		
A0127433		2.71	265	1580	164	1620	915	56	3.13	0.5		
A0127434		2.75	269	1780	177	1790	1040	61	3.21	<0.5		
A0127435		2.39	289	2040	191	1760	1165	68	4.27	<0.5		
A0127436		2.64	229	1700	165	1520	955	55	3.19	<0.5		
A0127437		2.64	24	225	27	158	272	39	2.88	<0.5		
A0127438		2.76	3	77	11	43	169	30	2.23	<0.5		
A0127439		0.07	80	632	296	4420	4260	114	3.84	1.5		
A0127440		2.44	4	67	11	57	179	31	2.46	<0.5		
A0127441		2.53	3	83	12	47	175	35	2.45	<0.5		
A0127442		2.50	3	89	11	37	183	34	2.57	<0.5		
A0127443		2.69	8	125	25	74	292	53	4.31	<0.5		
A0127444		2.66	41	410	41	196	381	62	5.17	<0.5		
A0127445		2.59	8	87	19	102	241	57	5.10	<0.5		
A0127446		2.71	11	86	48	124	267	58	5.20	<0.5		
A0127447		2.47	42	130	75	110	300	67	6.08	<0.5		
A0127448		2.89	23	109	22	396	368	68	5.36	<0.5		
A0127449		2.83	13	67	11	303	255	62	4.95	<0.5		
A0127450		2.88	12	3	<5	415	178	60	4.84	0.6		
A0127451		2.01	9	128	19	370	320	55	2.97	0.5		
A0127452		2.22	<1	12	6	60	95	61	6.22	<0.5		
A0127453		2.25	<1	3	<5	68	73	64	6.20	<0.5		
A0127454		2.74	<1	<1	<5	67	70	62	6.33	<0.5		
A0127455		2.65	2	23	9	214	193	61	6.08	<0.5		
A0127456		2.54	<1	9	12	51	190	54	6.31	<0.5		
A0127457		2.39	<1	8	10	86	180	56	6.05	<0.5		
A0127458		1.71	<1	8	12	162	181	55	5.86	0.5		

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Finalized Date: 2-APR-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19067484

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
A0127459		1.51	<1	<1	<5	2	2	1	13.70	<0.5		
A0127460		1.79	1	15	11	235	226	61	5.30	0.5		
A0127461		1.49	1	52	9	123	171	59	4.47	<0.5		
A0127462		1.62	7	71	13	341	290	77	5.23	0.6		
A0127463		2.26	5	26	9	236	310	72	5.33	<0.5		
A0127464		2.14	11	57	14	468	383	87	5.56	<0.5		
A0127465		2.63	6	69	10	258	211	61	4.47	<0.5		
A0127466		2.12	1	20	9	77	146	40	3.91	<0.5		
A0127467		2.13	4	12	7	193	143	40	3.76	0.6		
A0127468		2.09	3	44	14	86	165	42	3.79	<0.5		
A0127469		2.03	5	17	6	130	177	40	3.72	<0.5		
A0127470		1.36	7	156	32	112	214	40	3.61	<0.5		
A0127471		1.33	111	805	147	648	702	103	9.80	0.6		
A0127472		1.58	110	743	126	595	701	100	9.86	0.5		
A0127473		2.02	34	231	46	202	563	97	10.15	<0.5		
A0127474		2.26	51	351	71	290	615	100	10.35	0.5		
A0127475		1.87	60	382	67	309	628	97	9.95	<0.5		
A0127476		2.21	36	306	58	199	510	97	8.91	<0.5		
A0127477		2.28	25	181	35	140	432	97	9.47	<0.5		
A0127478		2.24	77	923	154	427	659	103	9.00	<0.5		
A0127479		0.08	213	3450	815	>10000	>10000	1000	3.97	4.2	16250	45700
A0127480		2.13	36	366	65	259	537	96	9.11	<0.5		
A0127481		2.14	97	811	140	508	706	106	9.71	<0.5		
A0127482		2.02	14	135	28	94	348	71	7.00	<0.5		
A0127483		2.22	7	81	18	66	285	60	5.76	<0.5		
A0127484		2.07	3	59	23	49	351	66	6.84	<0.5		
A0127485		2.21	2	45	16	50	352	65	6.94	<0.5		
A0127486		2.14	10	170	35	99	448	84	8.22	<0.5		
A0127487		2.44	44	443	80	335	626	98	9.53	<0.5		
A0127488		2.50	29	247	44	259	520	87	8.84	<0.5		
A0127489		2.64	23	228	45	173	526	93	9.48	<0.5		
A0127490		2.65	27	243	43	193	511	89	8.94	<0.5		
A0127491		2.28	31	247	48	211	530	92	9.08	<0.5		
A0127492		2.56	23	193	40	159	478	88	8.84	<0.5		
A0127493		2.64	16	165	31	168	516	99	9.96	<0.5		
A0127494		3.05	17	166	34	145	499	99	9.89	<0.5		
A0127495		1.98	4	5	<5	97	252	54	5.71	<0.5		
A0127496		0.07	84	635	293	4310	4230	111	3.68	1.8		

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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			