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-AUG-2019
Account: MZI

CERTIFICATE TB19172683

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 15-JUL-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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 TB19172683

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
A0163425		1.76	<1	<1	<5	2	4	<1	13.45	<0.5		
A0163426		0.08	5270	2010	1300	86	84	61	0.25	0.6		
A0163427		2.14	27	337	39	566	274	42	3.22	0.5		
A0163428		2.00	63	402	52	626	498	51	4.21	<0.5		
A0163429		2.04	167	875	81	1130	819	35	1.53	0.7		
A0163430		2.34	126	1040	97	1135	849	40	2.19	0.9		
A0163431		2.21	32	351	30	379	304	30	2.40	<0.5		
A0163432		2.13	32	650	56	484	413	41	3.13	<0.5		
A0163433		1.90	8	24	6	181	126	54	5.01	<0.5		
A0163434		1.99	22	196	28	387	358	56	4.47	<0.5		
A0163435		2.06	32	422	45	345	413	49	3.94	<0.5		
A0163436		2.32	41	776	64	499	625	55	4.86	<0.5		
A0163437		2.26	15	199	17	240	339	45	4.99	<0.5		
A0163438		2.31	19	63	16	178	279	41	4.57	<0.5		
A0163439		2.27	185	923	97	734	691	50	4.75	<0.5		
A0163440		2.18	223	1480	146	961	964	51	4.45	<0.5		
A0163441		2.47	146	981	86	665	731	52	5.09	<0.5		
A0163442		2.31	191	1150	113	979	966	52	4.43	<0.5		
A0163443		2.31	102	1910	178	1350	1155	73	6.01	1.1		
A0163444		2.56	77	1530	150	800	1095	75	5.93	<0.5		
A0163445		0.07	69	599	273	4470	4400	112	3.99	2.2		
A0163446		2.26	137	1680	165	1085	1265	85	7.68	1.0		
A0163447		2.37	36	266	26	222	392	55	5.54	<0.5		
A0163448		2.16	15	135	34	188	385	51	5.78	<0.5		
A0163449		2.41	69	658	86	657	801	63	5.95	<0.5		
A0163450		3.13	30	198	25	248	404	47	4.83	<0.5		
A0163451		1.43	26	34	10	181	322	51	5.43	<0.5		
A0163452		2.15	23	56	12	246	348	54	5.24	<0.5		
A0163453		2.41	50	146	29	389	431	54	5.29	<0.5		
A0163454		2.44	12	41	6	163	285	50	5.19	<0.5		
A0163455		2.55	18	37	9	177	281	47	4.92	<0.5		
A0163456		2.37	18	48	12	194	244	43	4.18	<0.5		
A0163457		1.92	28	175	23	310	365	52	4.86	<0.5		
A0163458		2.89	18	96	19	230	374	48	4.80	<0.5		
A0163459		2.44	13	48	11	145	282	48	4.93	<0.5		
A0163460		2.48	22	144	23	227	313	49	4.85	<0.5		
A0163461		2.07	29	109	21	249	328	48	4.96	<0.5		
A0163462		2.29	108	465	76	739	700	58	5.49	0.6		
A0163463		2.55	99	579	57	599	638	57	5.34	<0.5		
A0163464		2.49	18	53	14	160	297	45	4.91	<0.5		

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Finalized Date: 3-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19172683

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
A0163465		1.67	<1	<1	<5	2	5	<1	13.45	<0.5		
A0163466		2.50	51	296	40	331	425	52	5.35	<0.5		
A0163467		2.48	89	324	54	442	540	53	5.60	<0.5		
A0163468		2.54	19	68	19	169	374	51	5.65	<0.5		
A0163469		2.59	415	2260	225	1665	1580	72	5.39	0.8		
A0163470		2.56	88	605	70	548	726	55	5.45	<0.5		
A0163471		2.35	66	713	98	481	618	51	5.75	<0.5		
A0163472		2.50	297	2970	318	2130	2420	88	5.19	1.0		
A0163473		2.49	715	3560	429	3400	3110	97	5.33	1.6		
A0163474		2.49	40	404	92	272	522	47	5.83	<0.5		
A0163475		2.72	46	1420	172	504	1150	64	5.98	0.5		
A0163476		2.34	207	2100	157	1220	1710	78	6.18	0.8		
A0163477		2.56	48	579	67	533	713	58	5.90	0.6		
A0163478		2.54	52	445	86	549	713	54	5.71	<0.5		
A0163479		2.55	244	1310	139	1025	1125	64	5.98	0.5		
A0163480		2.42	138	1180	125	726	844	55	5.40	0.5		
A0163481		2.65	331	1620	188	1420	1225	68	6.50	0.7		
A0163482		2.16	156	786	105	846	817	62	6.10	0.5		
A0163483		2.65	137	750	91	708	761	57	5.98	0.5		
A0163484		2.53	73	327	67	347	627	54	6.46	<0.5		
A0163485		0.12	301	3340	787	>10000	>10000	978	4.06	4.1	16650	45000
A0163486		2.47	52	265	64	313	471	52	5.59	<0.5		
A0163487		2.39	347	2250	244	2040	1685	71	5.47	1.1		
A0163488		2.43	252	684	79	775	832	57	6.00	<0.5		
A0163489		2.58	172	1200	110	1105	926	56	5.37	0.8		
A0163490		2.45	24	123	18	153	357	43	5.12	<0.5		
A0163491		2.44	59	203	40	316	463	43	5.12	<0.5		
A0163492		2.51	79	345	43	477	573	48	5.35	<0.5		
A0163493		2.37	308	768	81	886	784	59	5.95	0.8		
A0163494		2.52	44	174	27	259	430	56	6.24	<0.5		
A0163495		2.47	20	41	14	136	372	48	6.26	<0.5		
A0163496		2.47	44	204	24	245	476	53	6.32	<0.5		
A0163497		2.41	59	727	67	235	646	60	7.02	<0.5		
A0163498		2.58	60	482	44	370	621	55	6.10	<0.5		
A0163499		2.48	38	126	14	240	450	52	6.72	<0.5		
A0163500		2.43	38	816	71	595	699	59	6.66	<0.5		
A0163501		2.36	9	60	13	141	453	57	7.40	<0.5		
A0163502		0.07	77	618	311	4550	4510	115	4.04	2.1		

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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			