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: 27-JUN-2019
Account: MZI

CERTIFICATE TB19144664

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-JUN-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 TB19144664

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
A0161163		2.11	1	<1	<5	1	4	<1	12.45	<0.5		
A0161164		0.08	4230	2030	1300	87	84	63	0.26	0.7		
A0161165		2.39	7	11	<5	146	227	40	3.70	<0.5		
A0161166		2.24	6	7	<5	137	212	39	3.84	0.6		
A0161167		2.33	6	18	<5	126	250	40	3.90	<0.5		
A0161168		2.37	4	23	7	77	267	39	4.06	0.5		
A0161169		2.46	5	48	10	84	278	38	3.75	1.7		
A0161170		2.34	9	14	<5	241	251	48	4.24	<0.5		
A0161171		2.35	10	19	6	294	259	39	4.01	0.5		
A0161172		2.36	11	29	7	305	271	45	3.83	<0.5		
A0161173		2.51	4	15	5	72	235	54	4.03	1.0		
A0161174		2.58	4	18	5	82	244	42	4.04	<0.5		
A0161175		2.22	10	51	9	247	279	46	3.87	0.7		
A0161176		2.47	9	37	8	295	303	47	4.01	0.7		
A0161177		2.29	12	39	10	351	328	50	4.20	0.7		
A0161178		2.41	9	26	9	189	243	48	4.66	0.5		
A0161179		2.34	8	18	5	218	226	44	4.03	<0.5		
A0161180		2.52	10	41	11	374	383	50	4.05	0.7		
A0161181		2.34	9	47	10	247	330	47	4.05	0.6		
A0161182		2.33	8	51	11	160	302	49	4.86	0.5		
A0161183		0.07	85	605	282	4570	4380	115	3.97	1.5		
A0161184		2.42	8	38	12	184	294	57	5.03	<0.5		
A0161185		2.54	12	41	13	103	260	48	5.13	<0.5		
A0161186		2.34	9	40	11	266	328	54	4.91	<0.5		
A0161187		2.49	11	39	11	401	327	80	4.39	<0.5		
A0161188		2.42	3	21	<5	155	204	63	4.91	<0.5		
A0161189		2.43	7	18	<5	212	249	50	4.52	<0.5		
A0161190		2.48	9	29	7	359	341	58	4.61	<0.5		
A0161191		2.37	9	79	18	218	456	56	4.36	<0.5		
A0161192		2.47	19	81	15	471	522	63	4.71	<0.5		
A0161193		2.41	15	57	12	389	414	65	5.35	<0.5		
A0161194		2.51	7	72	14	263	320	60	5.20	<0.5		
A0161195		2.43	11	13	<5	336	294	55	5.27	<0.5		
A0161196		2.44	9	11	<5	243	304	64	5.31	<0.5		
A0161197		2.25	26	45	9	590	418	65	4.80	<0.5		
A0161198		2.36	19	27	8	424	354	58	4.14	<0.5		
A0161199		2.24	22	42	14	410	373	62	4.65	<0.5		
A0161200		2.24	15	60	21	379	377	60	5.05	<0.5		
A0161201		2.14	20	225	31	476	407	55	4.12	<0.5		
A0161202		2.26	29	363	38	555	458	70	4.51	<0.5		

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CERTIFICATE OF ANALYSIS TB19144664

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
A0161203		1.58	3	2	<5	2	<1	<1	13.35	<0.5		
A0161204		2.32	32	713	80	716	750	86	4.91	<0.5		
A0161205		2.29	20	614	78	401	596	61	5.18	<0.5		
A0161206		2.05	7	114	19	147	260	55	4.73	<0.5		
A0161207		2.55	12	137	19	222	420	56	6.48	<0.5		
A0161208		2.26	8	201	27	110	257	49	4.45	<0.5		
A0161209		2.44	13	113	22	156	255	64	4.77	<0.5		
A0161210		2.18	21	244	35	262	326	59	4.68	<0.5		
A0161211		2.42	109	648	76	948	624	80	4.55	<0.5		
A0161212		2.43	103	392	52	812	553	86	5.17	<0.5		
A0161213		2.47	53	353	49	674	533	84	5.28	<0.5		
A0161214		2.39	27	250	35	649	482	102	6.06	<0.5		
A0161215		2.51	50	355	52	1270	714	110	4.31	<0.5		
A0161216		2.59	34	206	32	1180	643	110	4.40	<0.5		
A0161217		2.45	30	163	30	964	556	99	4.29	<0.5		
A0161218		2.34	12	63	14	498	325	80	4.55	<0.5		
A0161219		2.13	20	101	25	566	445	84	4.14	<0.5		
A0161220		2.25	11	92	20	552	381	85	4.29	<0.5		
A0161221		2.32	22	115	23	746	521	104	4.82	<0.5		
A0161222		2.82	23	82	20	1230	495	110	4.91	<0.5		
A0161223		0.08	273	3420	794	>10000	>10000	943	3.94	3.9	15900	44600
A0161224		2.30	18	29	9	557	379	85	2.61	<0.5		
A0161225		3.21	11	5	<5	318	523	201	1.29	<0.5		
A0161226		2.73	7	21	10	115	125	46	3.29	<0.5		
A0161227		2.34	39	102	16	518	348	62	3.94	<0.5		
A0161228		2.22	4	34	9	48	230	39	4.29	<0.5		
A0161229		2.38	41	358	58	399	372	48	4.05	<0.5		
A0161230		2.50	53	1080	126	490	450	53	3.96	<0.5		
A0161231		2.37	130	895	103	1240	831	83	4.17	<0.5		
A0161232		2.34	86	227	58	1680	1055	92	4.85	<0.5		
A0161233		2.28	55	212	46	873	606	72	4.85	<0.5		
A0161234		2.29	15	72	17	275	283	53	4.54	<0.5		
A0161235		2.33	20	109	21	323	364	63	5.01	<0.5		
A0161236		2.42	9	87	14	156	267	63	5.33	<0.5		
A0161237		2.42	6	88	17	61	258	62	5.53	<0.5		
A0161238		2.63	4	71	12	71	193	61	5.16	<0.5		
A0161239		2.00	9	253	40	86	207	66	5.40	<0.5		
A0161240		0.07	68	606	287	4500	4260	110	3.92	1.6		

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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			