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: 1-SEP-2019
Account: MZI

CERTIFICATE TB19203133

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-AUG-2019.

The following have access to data associated with this certificate:

MATT BODNAR DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK

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 TB19203133

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
AB19-100937		1.65	1	<1	<5	<1	<1	<1	13.40	<0.5		
AB19-100938		0.07	4680	2070	1290	87	88	64	0.27	0.5		
AB19-100939		1.99	2	2	<5	77	302	55	6.53	<0.5		
AB19-100940		3.26	1	1	<5	53	299	54	6.59	<0.5		
AB19-100941		2.21	1	1	<5	95	320	52	6.42	<0.5		
AB19-100942		2.60	<1	1	<5	81	292	52	6.30	<0.5		
AB19-100943		2.43	1	1	<5	82	275	52	6.08	<0.5		
AB19-100944		2.64	1	2	<5	91	323	51	6.58	<0.5		
AB19-100945		3.00	<1	1	<5	88	284	51	6.18	<0.5		
AB19-100946		2.81	1	1	<5	100	336	56	6.89	<0.5		
AB19-100947		2.42	<1	1	<5	69	319	56	7.13	<0.5		
AB19-100948		2.27	<1	1	<5	66	320	54	6.84	<0.5		
AB19-100949		1.79	<1	<1	<5	78	297	58	6.62	<0.5		
AB19-100950		2.47	<1	<1	<5	108	285	62	6.49	<0.5		
AB19-100951		2.71	4	94	35	46	309	41	5.09	<0.5		
AB19-100952		2.54	5	100	43	65	328	45	5.62	<0.5		
AB19-100953		2.60	9	217	58	83	322	40	4.70	<0.5		
AB19-100954		2.57	1	93	51	12	246	30	3.81	<0.5		
AB19-100955		2.68	21	346	81	338	530	63	6.78	<0.5		
AB19-100956		2.40	19	392	56	391	489	38	3.50	<0.5		
AB19-100957		0.07	67	603	293	4380	4270	114	3.87	1.8		
AB19-100958		2.58	2	123	27	44	234	28	3.75	<0.5		
AB19-100959		3.03	5	210	55	77	423	49	6.45	<0.5		
AB19-100960		2.11	16	392	103	280	537	64	7.57	<0.5		
AB19-100961		2.22	18	805	170	255	587	59	6.67	<0.5		
AB19-100962		2.24	3	150	43	61	344	50	6.28	<0.5		
AB19-100963		2.21	27	346	69	321	580	68	7.90	<0.5		
AB19-100964		2.19	25	544	115	218	472	53	6.61	<0.5		
AB19-100965		2.30	26	369	76	265	471	51	6.26	<0.5		
AB19-100966		2.43	18	359	62	213	536	51	6.16	<0.5		
AB19-100967		2.20	14	222	43	124	432	49	5.80	<0.5		
AB19-100968		2.43	23	300	62	198	452	60	6.98	<0.5		
AB19-100969		2.23	18	204	44	207	363	45	5.06	<0.5		
AB19-100970		2.18	24	262	67	224	441	53	6.01	<0.5		
AB19-100971		2.36	46	563	99	275	534	54	5.80	<0.5		
AB19-100972		2.12	55	695	122	481	802	77	8.59	<0.5		
AB19-100973		2.50	42	342	59	296	530	67	7.10	<0.5		
AB19-100974		2.15	26	253	44	195	379	46	5.49	<0.5		
AB19-100975		2.23	8	102	28	105	319	48	5.72	<0.5		
AB19-100976		2.47	28	594	75	326	495	54	5.95	<0.5		

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CERTIFICATE OF ANALYSIS TB19203133

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
AB19-100977		1.80	52	<1	<5	1	<1	<1	12.85	<0.5		
AB19-100978		2.21	14	209	41	74	347	42	5.59	<0.5		
AB19-100979		2.43	19	315	58	149	385	45	5.34	<0.5		
AB19-100980		2.19	15	471	79	154	452	54	6.13	<0.5		
AB19-100981		2.58	19	300	55	115	332	45	5.79	<0.5		
AB19-100982		2.12	5	140	40	96	295	44	5.39	<0.5		
AB19-100983		2.32	22	467	60	249	464	60	5.68	<0.5		
AB19-100984		2.16	19	153	32	263	469	56	6.26	<0.5		
AB19-100985		2.18	16	56	18	163	386	52	6.24	<0.5		
AB19-100986		2.25	18	118	34	330	463	51	5.42	<0.5		
AB19-100987		2.12	6	48	16	106	313	44	5.52	<0.5		
AB19-100988		2.28	9	92	26	168	411	52	5.90	<0.5		
AB19-100989		2.01	8	65	19	138	336	47	5.61	<0.5		
AB19-100990		2.90	1	19	6	51	79	20	1.59	<0.5		
AB19-100991		1.69	1	17	7	78	70	35	2.38	<0.5		
AB19-100992		2.23	1	26	6	69	85	32	2.64	<0.5		
AB19-100993		2.20	<1	<1	<5	38	11	14	0.83	<0.5		
AB19-100994		2.00	1	1	<5	35	11	8	0.68	<0.5		
AB19-100995		2.09	1	1	<5	54	19	19	1.05	<0.5		
AB19-100996		2.20	<1	<1	<5	29	15	6	0.57	<0.5		
AB19-100997		0.12	219	3360	784	>10000	>10000	999	4.01	3.7	16550	47600
AB19-100998		2.06	<1	1	<5	33	46	11	0.80	<0.5		
AB19-100999		2.50	1	1	<5	93	333	55	6.79	<0.5		
AB19-101000		2.07	1	1	<5	66	298	49	6.39	<0.5		
AB19-101001		2.49	2	<1	<5	51	273	46	5.88	<0.5		
AB19-101002		2.39	1	1	<5	74	324	52	6.62	<0.5		
AB19-101003		2.36	<1	1	<5	55	284	48	6.10	<0.5		
AB19-101004		2.58	1	1	<5	63	287	48	6.24	<0.5		
AB19-101005		2.26	<1	<1	<5	127	242	59	5.18	<0.5		
AB19-101006		2.43	<1	1	<5	76	271	54	6.12	<0.5		
AB19-101007		2.40	1	1	<5	88	294	55	6.06	<0.5		
AB19-101008		2.15	<1	1	<5	47	291	50	6.54	<0.5		
AB19-101009		2.39	<1	1	<5	48	278	47	6.07	<0.5		
AB19-101010		2.33	3	1	<5	52	304	53	6.69	<0.5		
AB19-101011		2.23	2	<1	<5	54	304	52	6.70	<0.5		
AB19-101012		2.34	<1	1	<5	60	300	50	6.78	<0.5		
AB19-101013		2.14	1	1	<5	77	284	49	6.17	<0.5		
AB19-101014		0.07	122	609	292	4340	4370	114	3.92	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			