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: 16-JUN-2019
Account: MZI

CERTIFICATE TB19133964

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 2-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 TB19133964

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
A0161241		1.91	<1	<1	<5	1	2	<1	12.70	<0.5		
A0161242		0.08	4950	2020	1300	84	81	60	0.25	0.8		
A0161243		2.61	26	146	25	682	592	98	5.41	<0.5		
A0161244		2.38	38	225	37	859	647	103	5.46	<0.5		
A0161245		2.67	49	201	37	1030	706	104	5.27	<0.5		
A0161246		2.53	31	152	25	528	469	88	5.31	<0.5		
A0161247		2.50	47	161	30	1175	848	116	5.43	0.5		
A0161248		1.85	52	194	46	1575	973	129	5.51	0.8		
A0161249		2.91	48	209	45	1490	951	131	5.51	1.0		
A0161250		2.49	57	206	38	1335	908	121	5.58	0.8		
A0161251		2.39	7	152	20	174	241	71	5.73	<0.5		
A0161252		2.41	4	153	22	90	194	68	5.58	<0.5		
A0161253		2.38	12	165	25	312	343	80	5.51	<0.5		
A0161254		2.94	7	178	28	244	327	81	5.60	<0.5		
A0161255		2.70	24	240	38	595	522	93	5.40	<0.5		
A0161256		1.88	2	206	25	83	195	70	5.77	<0.5		
A0161257		2.32	2	149	16	66	187	69	5.69	<0.5		
A0161258		1.82	1	112	13	83	193	69	5.80	<0.5		
A0161259		1.85	6	115	13	109	208	65	5.73	<0.5		
A0161260		2.35	8	133	20	378	428	82	5.82	<0.5		
A0161261		0.07	124	626	327	4420	4230	111	3.80	1.7		
A0161262		1.62	25	198	31	1970	1750	134	5.83	0.5		
A0161263		2.22	4	77	6	81	51	12	0.64	<0.5		
A0161264		1.99	4	187	12	97	66	14	0.81	<0.5		
A0161265		2.18	37	353	42	762	557	53	2.10	0.9		
A0161266		2.37	25	311	47	504	538	52	3.39	0.8		
A0161267		2.39	28	21	<5	1770	295	73	4.32	2.3		
A0161268		2.50	12	38	5	528	211	49	2.85	0.9		
A0161269		2.32	4	140	22	129	210	31	2.51	<0.5		
A0161270		2.39	17	478	75	317	320	38	2.98	<0.5		
A0161271		2.26	<1	13	<5	44	119	32	3.33	<0.5		
A0161272		2.26	2	37	9	57	141	28	2.54	<0.5		
A0161273		2.98	1	19	5	49	122	31	3.09	<0.5		
A0161274		1.70	2	18	7	40	126	29	3.00	<0.5		
A0161275		2.23	1	26	6	39	138	33	3.30	<0.5		
A0161276		2.22	2	20	5	53	127	34	3.56	<0.5		
A0161277		2.20	4	23	6	93	132	33	3.41	<0.5		
A0161278		2.18	3	18	<5	70	130	33	3.44	<0.5		
A0161279		2.10	3	22	5	110	144	37	3.43	<0.5		
A0161280		1.87	3	31	7	84	151	38	3.56	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19133964

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
A0161281		1.89	<1	<1	<5	1	<1	1	13.20	<0.5		
A0161282		2.75	19	43	7	328	184	45	4.65	<0.5		
A0161283		2.57	15	27	7	134	132	38	3.26	<0.5		
A0161284		2.34	6	28	8	104	162	36	3.39	<0.5		
A0161285		2.29	10	99	24	194	365	81	8.36	<0.5		
A0161286		2.21	35	106	40	510	346	51	3.48	0.5		
A0161287		2.40	24	137	39	358	345	59	4.85	<0.5		
A0161288		2.36	32	131	45	426	386	57	4.13	<0.5		
A0161289		2.17	24	102	28	323	290	47	3.81	<0.5		
A0161290		2.24	18	60	15	234	176	35	2.79	<0.5		
A0161291		2.25	30	174	28	308	252	47	3.93	<0.5		
A0161292		2.20	30	10	<5	136	181	49	4.42	<0.5		
A0161293		2.26	12	2	<5	175	183	51	4.51	<0.5		
A0161294		2.01	10	28	9	143	163	36	3.36	<0.5		
A0161295		2.31	17	23	6	224	162	32	3.29	<0.5		
A0161296		2.13	25	17	6	243	131	29	2.88	<0.5		
A0161297		2.11	34	22	6	374	178	39	3.73	<0.5		
A0161298		2.39	15	112	22	261	354	74	8.24	<0.5		
A0161299		2.19	7	289	48	176	442	83	9.01	<0.5		
A0161300		2.20	12	175	33	223	301	58	6.49	<0.5		
A0161301		0.08	288	3390	788	>10000	>10000	955	3.84	3.8	16250	46400
A0161302		2.03	5	37	9	81	167	31	3.63	<0.5		
A0161303		1.60	2	40	10	34	149	31	3.69	<0.5		
A0161304		1.38	5	18	<5	160	135	26	3.68	<0.5		
A0161305		2.77	14	2	<5	442	50	20	2.33	<0.5		
A0161306		2.31	2	16	5	82	127	35	3.30	<0.5		
A0161307		2.24	2	16	<5	101	132	37	3.35	<0.5		
A0161308		2.17	3	21	6	67	134	37	3.20	<0.5		
A0161309		1.97	5	17	5	85	147	38	3.39	<0.5		
A0161310		2.31	4	26	<5	164	248	54	4.54	<0.5		
A0161311		2.27	13	166	26	244	382	54	4.87	<0.5		
A0161312		2.23	5	98	17	190	313	50	4.41	<0.5		
A0161313		2.28	38	12	<5	164	244	47	4.34	<0.5		
A0161314		1.61	6	11	<5	180	278	46	4.48	<0.5		
A0161315		1.41	47	323	54	553	454	56	5.00	<0.5		
A0161316		1.87	13	308	57	309	573	99	9.50	<0.5		
A0161317		1.97	9	297	56	151	448	63	6.11	<0.5		
A0161318		0.07	92	580	290	4360	4210	111	3.84	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			