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 TB19146182

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 16-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 TB19146182

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
A0160851		1.02	1	1	<5	1	3	<1	12.95	<0.5		
A0160852		0.08	4720	2030	1300	95	92	68	0.28	0.7		
A0160853		2.60	11	74	17	160	333	100	9.29	<0.5		
A0160854		2.44	21	119	27	453	454	98	8.19	<0.5		
A0160855		2.39	5	62	14	100	216	45	4.65	<0.5		
A0160856		2.52	7	136	40	77	277	39	3.99	<0.5		
A0160857		2.52	4	39	16	51	155	37	3.79	<0.5		
A0160858		2.73	3	17	7	40	172	37	3.78	<0.5		
A0160859		2.41	6	62	13	91	188	46	3.74	<0.5		
A0160860		2.54	2	16	<5	41	144	36	3.58	<0.5		
A0160861		2.58	3	17	6	37	145	34	3.41	<0.5		
A0160862		2.47	5	18	11	26	159	31	3.33	<0.5		
A0160863		2.46	4	17	11	31	169	36	3.61	<0.5		
A0160864		2.71	21	227	42	274	284	54	4.82	<0.5		
A0160865		2.46	12	85	12	187	191	42	3.80	<0.5		
A0160866		2.82	8	50	16	143	311	55	6.02	<0.5		
A0160867		2.36	8	116	23	95	267	55	3.86	<0.5		
A0160868		2.64	8	179	37	146	269	48	4.63	<0.5		
A0160869		2.61	21	442	78	379	484	61	4.56	1.0		
A0160870		2.44	6	39	11	88	216	48	5.12	<0.5		
A0160871		0.07	68	604	296	4300	4430	113	3.90	1.8		
A0160872		2.76	5	20	8	74	151	38	3.66	<0.5		
A0160873		2.60	6	19	6	76	126	36	3.32	<0.5		
A0160874		2.61	4	18	8	36	121	34	3.44	<0.5		
A0160875		2.47	4	20	8	61	147	39	4.37	<0.5		
A0160876		2.59	4	17	5	64	112	31	3.06	<0.5		
A0160877		2.40	13	2	<5	364	37	31	1.70	<0.5		
A0160878		1.86	43	<1	<5	1020	95	34	2.34	<0.5		
A0160879		2.29	18	6	<5	686	89	35	2.46	0.7		
A0160880		1.88	8	15	<5	96	172	31	3.46	<0.5		
A0160881		2.26	4	15	6	40	155	33	3.60	<0.5		
A0160882		2.25	3	16	5	38	167	40	4.23	<0.5		
A0160883		2.31	3	15	7	34	176	40	4.17	<0.5		
A0160884		2.36	2	15	6	36	176	37	3.96	<0.5		
A0160885		2.39	2	18	6	44	166	34	3.55	<0.5		
A0160886		2.22	1	18	7	24	172	34	3.67	<0.5		
A0160887		2.57	1	16	7	32	153	33	3.48	<0.5		
A0160888		2.82	5	50	12	95	193	39	4.06	<0.5		
A0160889		2.02	24	614	116	415	574	94	8.93	<0.5		
A0160890		2.39	14	348	68	267	520	94	9.73	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19146182

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
A0160891		1.49	<1	2	<5	1	1	1	13.55	<0.5		
A0160892		2.32	14	345	68	319	555	102	10.20	<0.5		
A0160893		2.70	17	537	103	359	600	98	9.65	<0.5		
A0160894		2.21	26	720	138	460	648	104	9.68	<0.5		
A0160895		2.77	52	712	134	507	686	99	9.32	<0.5		
A0160896		2.43	123	1160	206	796	898	118	10.70	<0.5		
A0160897		2.46	21	118	25	179	341	60	6.48	<0.5		
A0160898		2.56	18	48	10	162	312	54	5.73	<0.5		
A0160899		2.56	73	478	84	632	606	79	7.49	<0.5		
A0160900		2.56	66	454	81	411	596	98	9.87	<0.5		
A0160901		2.16	25	216	41	181	466	92	9.72	<0.5		
A0160902		2.60	19	536	48	118	384	71	7.42	<0.5		
A0160903		2.05	11	106	20	88	325	61	6.60	<0.5		
A0160904		2.64	40	241	44	268	482	79	8.07	<0.5		
A0160905		1.84	27	208	38	182	461	84	8.73	<0.5		
A0160906		2.28	20	144	31	128	466	87	9.62	<0.5		
A0160907		2.14	18	136	26	127	476	92	9.76	<0.5		
A0160908		2.16	20	147	33	130	510	98	10.50	<0.5		
A0160909		2.13	16	96	23	103	519	105	11.25	<0.5		
A0160910		2.27	138	1010	169	615	847	105	10.35	<0.5		
A0160911		0.08	223	3280	787	>10000	>10000	940	3.93	3.9	16100	45300
A0160912		2.64	101	717	125	493	763	106	10.55	<0.5		
A0160913		2.86	24	162	31	142	532	103	10.70	<0.5		
A0160914		2.64	83	524	92	440	726	112	11.15	<0.5		
A0160915		2.59	146	1110	184	661	782	98	9.14	<0.5		
A0160916		2.40	23	241	37	175	467	86	9.07	<0.5		
A0160917		2.17	20	151	33	148	412	74	7.60	<0.5		
A0160918		2.32	20	139	30	136	501	95	10.30	<0.5		
A0160919		2.45	13	85	22	103	528	102	11.10	<0.5		
A0160920		2.40	9	93	21	87	419	83	8.85	<0.5		
A0160921		2.33	19	151	29	130	549	95	10.50	<0.5		
A0160922		2.25	12	84	21	78	468	87	9.75	<0.5		
A0160923		2.18	14	121	27	84	472	88	9.90	<0.5		
A0160924		2.16	22	167	40	183	453	83	9.58	<0.5		
A0160925		2.29	20	99	27	135	494	92	10.10	<0.5		
A0160926		2.24	19	158	32	146	479	88	9.63	<0.5		
A0160927		2.33	27	229	45	222	512	95	9.93	<0.5		
A0160928		0.07	76	602	291	4680	4430	114	4.07	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			