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: 29-JUL-2019
Account: MZI

CERTIFICATE TB19168105

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 9-JUL-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
CLAIRE MCGUINNESS	DAVE PECK	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 TB19168105

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
A0162879		1.32	<1	1	<5	2	6	1	13.00	<0.5		
A0162880		0.07	4780	1990	1300	86	84	59	0.25	0.6		
A0162881		2.37	9	254	51	179	438	61	6.53	<0.5		
A0162882		2.54	14	196	47	242	450	61	6.78	<0.5		
A0162883		2.40	20	160	49	288	428	60	6.14	<0.5		
A0162884		2.40	11	39	13	119	366	50	5.36	<0.5		
A0162885		2.89	9	54	13	151	358	48	5.60	<0.5		
A0162886		2.14	7	45	13	105	313	46	5.54	<0.5		
A0162887		2.47	7	152	42	140	371	58	6.26	<0.5		
A0162888		2.49	24	439	86	386	584	71	7.68	<0.5		
A0162889		2.47	43	497	88	367	520	63	6.80	<0.5		
A0162890		2.37	6	55	15	87	339	50	6.36	<0.5		
A0162891		2.41	8	67	19	178	425	55	6.91	0.5		
A0162892		2.32	3	89	17	62	350	46	6.11	<0.5		
A0162893		2.47	8	84	19	169	449	52	6.71	0.6		
A0162894		2.61	13	56	21	130	402	51	6.81	<0.5		
A0162895		2.46	31	196	51	271	571	58	6.99	0.5		
A0162896		2.38	11	100	39	141	392	45	5.52	<0.5		
A0162897		2.16	3	116	36	93	156	23	2.37	0.5		
A0162898		2.13	8	288	100	141	402	54	6.45	<0.5		
A0162899		0.07	88	641	306	4790	4680	124	4.35	2.2		
A0162900		2.13	21	313	97	276	499	61	6.91	0.8		
A0162901		2.43	16	480	110	330	716	82	9.25	0.6		
A0162902		2.04	13	286	45	496	400	48	4.98	1.2		
A0162903		1.09	151	1220	116	667	716	54	4.85	0.8		
A0162904		1.31	51	804	82	329	477	50	4.70	0.6		
A0162905		1.08	37	245	34	231	310	42	4.75	<0.5		
A0162906		1.93	20	167	32	122	283	40	4.67	0.8		
A0162907		2.10	31	375	40	200	357	48	5.06	0.7		
A0162908		2.26	76	313	73	386	570	54	5.51	0.5		
A0162909		2.26	16	45	22	129	270	48	5.73	<0.5		
A0162910		2.31	16	88	11	128	302	51	6.03	<0.5		
A0162911		2.31	15	60	12	157	276	50	5.69	0.5		
A0162912		2.40	10	46	11	136	263	50	5.74	<0.5		
A0162913		2.20	13	137	14	194	321	50	5.47	0.5		
A0162914		1.15	7	8	5	174	267	48	5.39	<0.5		
A0162915		1.10	40	17	5	633	181	17	0.83	1.2		
A0162916		2.23	15	124	10	246	177	16	1.24	0.5		
A0162917		1.94	3	7	<5	81	92	12	1.15	<0.5		
A0162918		2.40	8	68	25	111	206	47	4.79	<0.5		

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CERTIFICATE OF ANALYSIS TB19168105

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
A0162919		1.65	<1	1	<5	<1	6	<1	13.85	<0.5		
A0162920		2.36	41	135	39	336	411	50	5.33	0.8		
A0162921		2.65	45	224	57	343	412	49	4.99	0.5		
A0162922		2.18	23	106	40	285	329	40	4.60	<0.5		
A0162923		2.30	26	179	54	411	468	49	5.27	0.7		
A0162924		2.39	11	77	33	132	266	41	4.78	<0.5		
A0162925		2.21	55	566	74	704	687	54	5.10	0.7		
A0162926		2.23	12	102	41	163	246	37	4.17	<0.5		
A0162927		2.17	58	316	61	507	527	46	4.61	<0.5		
A0162928		2.27	20	128	45	194	247	39	4.04	<0.5		
A0162929		2.44	21	213	45	169	336	42	3.94	<0.5		
A0162930		2.51	21	250	51	238	354	43	4.08	<0.5		
A0162931		2.26	64	287	55	358	418	42	4.17	<0.5		
A0162932		2.22	13	166	47	150	264	39	4.12	<0.5		
A0162933		2.26	14	153	48	142	250	38	4.02	<0.5		
A0162934		2.24	16	98	41	191	213	34	3.80	<0.5		
A0162935		2.41	19	167	50	168	273	40	4.19	<0.5		
A0162936		2.43	12	142	49	130	237	38	3.99	<0.5		
A0162937		2.40	15	148	49	150	258	39	4.11	<0.5		
A0162938		2.53	15	110	41	174	252	40	4.03	<0.5		
A0162939		0.08	269	3340	795	>10000	>10000	925	3.90	3.8	16500	46900
A0162940		2.40	9	111	45	139	293	39	4.14	<0.5		
A0162941		2.43	68	110	37	495	233	44	3.73	<0.5		
A0162942		2.41	13	131	44	117	262	40	4.21	<0.5		
A0162943		2.35	17	158	45	173	255	44	4.10	<0.5		
A0162944		2.48	14	140	43	150	229	41	3.76	<0.5		
A0162945		2.37	19	216	52	158	280	39	3.91	<0.5		
A0162946		2.35	9	113	43	95	247	43	4.31	<0.5		
A0162947		2.40	9	86	35	106	203	40	3.69	<0.5		
A0162948		2.37	12	118	43	110	245	38	3.96	<0.5		
A0162949		2.40	25	276	52	206	339	40	4.03	<0.5		
A0162950		2.37	109	518	109	777	709	52	4.60	<0.5		
A0162951		2.42	284	1250	179	1920	1455	78	5.57	1.0		
A0162952		2.36	37	336	57	360	444	38	3.85	<0.5		
A0162953		2.43	23	193	44	283	341	39	3.89	<0.5		
A0162954		2.42	24	177	57	248	395	37	3.89	<0.5		
A0162955		2.29	136	276	70	849	625	42	3.89	0.5		
A0162956		0.07	79	597	306	4470	4310	113	3.99	2.0		

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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			