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: 17-MAY-2019
Account: MZI

CERTIFICATE TB19104855

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-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
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 TB19104855

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
A0147887		1.84	<1	<1	<5	2	5	<1	13.00	<0.5		
A0147888		0.08	4370	2000	1280	85	84	61	0.26	1.0		
A0147889		2.23	6	48	7	167	339	46	5.01	<0.5		
A0147890		2.21	6	100	8	207	303	37	4.29	<0.5		
A0147891		2.09	49	1360	138	727	481	48	4.24	<0.5		
A0147892		2.24	16	47	<5	288	355	47	4.60	<0.5		
A0147893		2.33	10	84	6	222	300	43	4.29	<0.5		
A0147894		2.18	5	101	<5	185	302	42	4.36	<0.5		
A0147895		2.30	6	206	27	139	427	50	5.00	<0.5		
A0147896		2.85	3	51	6	171	361	47	4.52	<0.5		
A0147897		1.85	6	91	7	373	390	59	5.81	<0.5		
A0147898		2.30	5	62	7	303	481	57	5.19	<0.5		
A0147899		2.31	8	76	6	456	507	73	6.03	<0.5		
A0147900		2.25	13	7	<5	527	703	94	7.91	<0.5		
A0147901		2.30	17	567	60	489	686	70	5.63	<0.5		
A0147902		2.19	15	319	30	285	436	53	5.16	<0.5		
A0147903		2.21	26	593	9	630	540	78	6.33	<0.5		
A0147904		2.27	21	613	135	555	1155	120	5.62	<0.5		
A0147905		2.41	3	67	6	206	440	66	6.11	<0.5		
A0147906		2.35	4	70	7	390	574	66	5.81	<0.5		
A0147907		0.07	61	616	278	4380	4140	111	3.83	1.6		
A0147908		2.34	20	613	21	1160	875	122	4.67	<0.5		
A0147909		2.23	15	86	5	776	669	88	4.88	<0.5		
A0147910		2.32	12	22	<5	467	436	68	4.83	<0.5		
A0147911		2.26	12	46	<5	268	397	60	4.31	<0.5		
A0147912		2.34	2	135	23	157	267	50	4.40	<0.5		
A0147913		2.12	4	165	21	122	415	57	5.46	<0.5		
A0147914		1.95	15	484	52	273	520	57	4.58	<0.5		
A0147915		2.16	6	43	<5	218	300	53	4.72	<0.5		
A0147916		2.21	8	76	9	455	567	69	5.44	<0.5		
A0147917		2.28	9	129	11	287	465	65	5.56	<0.5		
A0147918		2.13	1	<1	<5	96	242	48	4.65	<0.5		
A0147919		2.18	3	5	<5	115	139	54	3.90	<0.5		
A0147920		2.08	11	59	<5	293	348	72	5.49	<0.5		
A0147921		2.09	8	104	31	214	276	57	5.01	<0.5		
A0147922		2.16	32	601	57	314	730	87	5.34	<0.5		
A0147923		2.19	26	403	18	520	758	123	5.03	0.5		
A0147924		2.06	25	65	14	233	323	74	5.68	<0.5		
A0147925		2.23	342	1790	205	776	292	55	4.66	<0.5		
A0147926		2.25	4	60	8	64	144	49	4.67	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19104855

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
A0147927		0.76	1	<1	<5	4	1	1	12.90	<0.5		
A0147928		2.24	44	373	28	824	503	91	4.27	<0.5		
A0147929		2.09	31	36	<5	912	185	62	4.41	0.8		
A0147930		2.17	25	5	<5	582	211	61	4.59	0.5		
A0147931		2.13	16	109	21	456	464	66	4.59	<0.5		
A0147932		2.05	12	553	50	247	393	56	5.31	<0.5		
A0147933		2.04	13	324	35	489	491	59	5.04	<0.5		
A0147934		2.05	27	899	120	534	694	70	5.28	<0.5		
A0147935		2.02	54	1020	103	1050	821	83	4.94	0.6		
A0147936		2.11	4	99	6	292	449	62	6.19	<0.5		
A0147937		2.05	8	342	35	381	524	65	6.07	<0.5		
A0147938		2.02	13	338	54	600	388	52	4.47	<0.5		
A0147939		1.99	21	176	17	355	418	64	5.17	<0.5		
A0147940		1.97	13	202	10	306	357	52	5.30	<0.5		
A0147941		2.00	28	1440	414	829	1020	89	6.50	<0.5		
A0147942		1.93	16	266	49	263	379	59	5.67	<0.5		
A0147943		1.88	20	338	39	288	443	69	6.19	<0.5		
A0147944		1.98	33	174	25	1040	498	64	5.18	<0.5		
A0147945		2.28	10	162	24	390	497	65	5.98	<0.5		
A0147946		2.31	8	154	17	217	322	58	5.56	<0.5		
A0147947		0.08	256	3450	797	>10000	>10000	948	3.91	3.5	15950	44300
A0147948		2.27	12	125	14	312	438	65	6.30	<0.5		
A0147949		2.28	17	194	27	330	371	57	5.38	<0.5		
A0147950		2.17	3	62	18	198	313	58	6.06	<0.5		
A0147951		2.40	18	551	61	356	515	66	5.85	<0.5		
A0147952		2.25	4	28	<5	141	274	51	5.43	<0.5		
A0147953		2.44	3	3	<5	108	227	51	5.41	0.5		
A0147954		2.36	2	12	<5	115	226	49	5.13	<0.5		
A0147955		2.44	10	264	37	218	340	58	5.38	<0.5		
A0147956		2.41	9	287	22	221	420	56	5.33	<0.5		
A0147957		2.33	1	4	<5	47	75	11	1.16	<0.5		
A0147958		2.30	1	100	12	83	263	32	3.71	<0.5		
A0147959		2.34	2	191	23	195	431	47	5.10	<0.5		
A0147960		2.41	1	125	16	98	339	55	5.99	<0.5		
A0147961		2.33	5	15	<5	139	215	49	4.96	<0.5		
A0147962		2.14	17	159	20	238	285	50	4.59	<0.5		
A0147963		2.38	3	74	5	254	412	57	5.79	<0.5		
A0147964		0.07	107	613	299	4570	4460	115	3.96	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			