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: 7-FEB-2019
Account: MZI

CERTIFICATE TB19018907

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 24-JAN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER 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 TB19018907

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
A0125157		1.95	1	<1	<5	2	3	<1	13.65	<0.5		
A0125158		0.07	4590	1950	1280	87	88	62	0.26	0.8		
A0125159		2.07	11	52	<5	236	284	54	5.28	<0.5		
A0125160		2.30	7	5	<5	165	299	50	5.75	<0.5		
A0125161		2.12	51	347	142	442	493	50	4.95	<0.5		
A0125162		1.98	15	25	<5	201	286	44	4.71	<0.5		
A0125163		1.98	29	570	34	351	398	44	4.06	<0.5		
A0125164		1.98	25	165	18	343	525	58	5.36	<0.5		
A0125165		2.13	124	1060	66	685	797	65	5.66	<0.5		
A0125166		1.91	29	183	17	331	525	75	8.40	<0.5		
A0125167		2.02	6	52	5	129	384	69	8.25	<0.5		
A0125168		2.17	24	177	16	190	365	63	7.49	<0.5		
A0125169		2.26	47	312	24	250	499	74	9.00	<0.5		
A0125170		2.10	11	77	6	138	330	59	7.07	<0.5		
A0125171		2.22	10	44	<5	117	376	68	8.71	<0.5		
A0125172		2.00	23	236	14	145	441	74	9.25	<0.5		
A0125173		2.23	5	3	<5	111	336	60	7.02	<0.5		
A0125174		1.91	8	95	6	113	316	53	6.17	<0.5		
A0125175		1.84	4	4	<5	121	214	38	3.78	<0.5		
A0125176		2.17	5	4	<5	134	333	54	6.29	<0.5		
A0125177		0.07	68	585	273	4550	4500	117	4.00	2.1		
A0125178		2.11	53	693	54	828	879	58	5.82	<0.5		
A0125179		2.09	18	211	24	237	421	48	5.36	<0.5		
A0125180		1.96	5	10	<5	95	255	46	5.34	<0.5		
A0125181		2.05	11	120	14	132	316	50	5.71	<0.5		
A0125182		2.22	13	334	43	203	338	49	5.30	<0.5		
A0125183		2.09	2	<1	<5	81	237	44	5.18	<0.5		
A0125184		1.94	27	77	7	116	260	44	4.77	<0.5		
A0125185		1.94	4	12	<5	81	255	47	5.63	<0.5		
A0125186		1.98	8	93	7	101	273	47	5.55	<0.5		
A0125187		2.09	1	1	<5	66	238	42	5.02	<0.5		
A0125188		2.18	4	<1	<5	115	254	46	5.26	<0.5		
A0125189		2.04	4	<1	<5	97	316	52	6.57	<0.5		
A0125190		1.94	2	3	<5	137	348	54	6.98	<0.5		
A0125191		1.97	2	15	<5	102	360	66	8.23	<0.5		
A0125192		2.08	14	73	<5	278	552	66	7.96	<0.5		
A0125193		1.91	18	132	15	397	667	73	8.42	<0.5		
A0125194		1.96	4	6	<5	95	401	75	9.68	<0.5		
A0125195		2.02	5	51	9	109	411	75	9.32	<0.5		
A0125196		2.22	6	37	7	93	365	66	8.21	<0.5		

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Finalized Date: 7-FEB-2019
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CERTIFICATE OF ANALYSIS TB19018907

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
A0125197		2.23	<1	<1	<5	1	2	<1	13.40	<0.5		
A0125198		2.00	9	163	9	284	418	75	7.34	<0.5		
A0125199		2.06	15	129	14	87	440	73	9.00	<0.5		
A0125200		2.15	6	153	13	58	432	75	9.34	<0.5		
A0125201		2.22	42	561	19	1100	589	63	4.52	<0.5		
A0125202		1.76	90	360	7	822	477	57	5.20	<0.5		
A0125203		1.89	142	132	9	105	385	59	6.71	<0.5		
A0125204		2.07	35	1080	83	579	1090	99	8.37	<0.5		
A0125205		2.26	51	844	95	801	816	95	8.29	<0.5		
A0125206		2.18	13	31	<5	155	461	81	9.84	<0.5		
A0125207		2.29	30	1520	26	201	674	86	9.77	<0.5		
A0125208		2.26	101	638	51	439	602	83	9.88	<0.5		
A0125209		1.89	21	154	9	183	478	81	9.87	<0.5		
A0125210		2.55	32	922	73	378	812	83	9.01	<0.5		
A0125211		2.24	33	127	9	283	457	61	7.58	<0.5		
A0125212		1.92	76	973	53	573	593	53	5.33	<0.5		
A0125213		2.03	165	1400	58	1400	1395	74	5.61	0.8		
A0125214		2.05	35	156	8	510	784	76	8.43	<0.5		
A0125215		1.94	11	18	<5	259	594	86	10.30	<0.5		
A0125216		2.01	4	4	<5	246	434	84	8.59	<0.5		
A0125217		0.08	275	3270	777	>10000	>10000	964	3.96	4.2	16300	46500
A0125218		1.80	50	650	38	623	880	72	6.69	<0.5		
A0125219		1.99	14	176	15	297	330	44	4.55	<0.5		
A0125220		2.04	44	339	30	319	576	81	8.83	<0.5		
A0125221		2.05	25	188	28	383	529	59	5.62	<0.5		
A0125222		2.10	57	6	<5	619	541	50	4.80	<0.5		
A0125223		2.04	13	102	<5	225	302	44	4.95	<0.5		
A0125224		2.12	2	79	<5	68	222	38	4.53	<0.5		
A0125225		2.30	7	78	<5	113	335	59	7.38	<0.5		
A0125226		2.18	46	417	31	558	658	67	5.56	<0.5		
A0125227		2.02	54	778	63	746	967	71	5.50	0.5		
A0125228		2.19	22	84	6	436	584	65	6.26	<0.5		
A0125229		2.12	10	3	<5	211	308	56	5.73	<0.5		
A0125230		2.29	74	730	63	622	668	75	6.19	<0.5		
A0125231		2.36	198	2060	164	993	994	78	6.21	0.6		
A0125232		2.53	386	2330	178	1325	1230	86	6.32	0.6		
A0125233		2.33	47	585	43	405	558	70	6.54	<0.5		
A0125234		0.08	59	596	329	4440	4330	112	3.90	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			