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: 30-MAY-2019
Account: MZI

CERTIFICATE TB19121289

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 19-MAY-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 TB19121289

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
A0129915		1.33	1	<1	<5	<1	8	<1	12.85	<0.5		
A0129916		0.08	4690	2020	1300	86	83	60	0.26	1.1		
A0129917		2.36	3	21	7	76	130	42	3.87	<0.5		
A0129918		2.06	3	41	11	79	133	36	3.38	<0.5		
A0129919		2.25	2	11	<5	73	75	24	2.17	<0.5		
A0129920		2.07	2	16	<5	75	115	35	3.28	<0.5		
A0129921		2.33	1	18	<5	66	125	38	3.72	<0.5		
A0129922		2.42	3	29	5	94	136	37	3.50	<0.5		
A0129923		2.17	3	26	8	74	113	32	3.23	<0.5		
A0129924		2.40	2	18	6	81	109	33	3.37	<0.5		
A0129925		2.13	4	15	<5	116	50	13	1.11	0.5		
A0129926		2.18	2	5	<5	76	64	18	1.37	<0.5		
A0129927		2.25	12	121	23	257	207	38	3.31	0.5		
A0129928		2.33	2	94	18	94	168	26	2.19	<0.5		
A0129929		2.38	16	401	65	261	311	48	3.92	0.5		
A0129930		2.33	42	550	90	544	411	53	4.02	0.8		
A0129931		2.37	20	368	64	314	320	46	4.19	0.7		
A0129932		2.17	21	286	47	325	286	50	4.52	0.6		
A0129933		2.45	17	153	28	295	237	50	4.98	0.6		
A0129934		2.36	16	302	48	218	286	47	4.15	<0.5		
A0129935		0.07	59	612	293	4680	4550	120	3.99	2.4		
A0129936		2.48	131	277	42	1010	289	55	4.62	0.9		
A0129937		1.97	9	44	9	203	159	42	5.07	<0.5		
A0129938		2.42	22	136	21	367	246	55	6.04	1.5		
A0129939		2.10	7	25	<5	347	175	53	5.61	<0.5		
A0129940		2.20	33	359	67	985	255	50	4.27	1.0		
A0129941		2.07	82	1650	218	946	892	68	4.86	2.5		
A0129942		2.06	178	2460	386	1620	1365	73	5.15	2.2		
A0129943		2.41	230	2720	441	2200	1580	77	5.27	4.3		
A0129944		2.06	158	1970	315	1530	1135	70	4.89	1.6		
A0129945		2.19	56	162	26	320	187	54	4.88	0.7		
A0129946		2.13	21	200	36	248	258	53	4.88	0.5		
A0129947		2.22	446	222	36	894	302	73	5.28	1.5		
A0129948		2.04	16	150	27	190	202	49	4.77	<0.5		
A0129949		2.27	22	220	37	194	209	53	4.89	<0.5		
A0129950		2.11	9	20	<5	142	86	41	3.55	0.5		
A0129951		2.19	15	7	<5	131	96	51	4.76	0.5		
A0129952		2.47	8	39	7	195	131	53	4.89	<0.5		
A0129953		2.32	15	184	32	225	179	52	4.66	<0.5		
A0129954		2.28	11	11	<5	266	114	51	4.56	0.6		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19121289

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
A0129955		1.06	<1	<1	<5	1	4	<1	12.15	0.5		
A0129956		2.45	4	15	<5	115	89	45	4.15	<0.5		
A0129957		2.32	12	314	39	194	209	46	3.77	<0.5		
A0129958		2.32	9	91	16	143	109	38	3.31	<0.5		
A0129959		2.06	67	580	96	863	648	65	5.48	0.5		
A0129960		3.21	62	1470	248	696	994	77	6.61	<0.5		
A0129961		1.55	71	1140	166	676	742	75	5.84	0.8		
A0129962		2.37	36	489	77	378	463	69	5.93	<0.5		
A0129963		2.35	15	154	26	224	273	56	5.37	0.5		
A0129964		2.37	14	88	15	170	154	61	5.49	<0.5		
A0129965		2.21	13	111	16	159	182	57	5.12	0.5		
A0129966		2.28	5	9	<5	111	100	59	5.28	0.5		
A0129967		2.08	5	46	7	97	128	55	4.97	<0.5		
A0129968		2.48	44	880	149	418	393	74	5.45	0.5		
A0129969		2.39	18	207	34	181	163	64	5.46	<0.5		
A0129970		2.31	15	179	32	223	201	61	5.52	0.5		
A0129971		2.17	5	27	<5	136	106	56	5.15	0.6		
A0129972		2.61	5	10	<5	87	95	56	5.10	<0.5		
A0129973		2.37	15	189	31	212	195	57	4.96	<0.5		
A0129974		2.48	6	24	6	124	131	55	4.98	0.8		
A0129975		0.08	250	3290	770	>10000	>10000	989	3.96	4.3	16500	47200
A0129976		2.33	6	8	<5	148	141	56	4.96	0.5		
A0129977		2.41	15	74	14	117	133	57	4.77	0.7		
A0129978		2.06	9	7	<5	116	102	55	5.25	0.5		
A0129979		2.20	6	43	7	100	112	60	5.35	<0.5		
A0129980		2.17	13	3	<5	246	50	29	2.28	<0.5		
A0129981		2.06	9	29	6	139	110	56	5.02	<0.5		
A0129982		1.90	13	306	47	136	191	57	5.39	0.6		
A0129983		1.76	43	376	56	523	549	67	5.44	0.7		
A0129984		2.39	19	190	29	240	247	57	5.41	0.8		
A0129985		2.15	9	101	17	157	134	56	5.50	<0.5		
A0129986		2.45	5	52	8	160	142	57	5.42	<0.5		
A0129987		2.52	42	706	104	292	388	61	4.91	<0.5		
A0129988		2.17	24	223	37	257	204	60	5.55	0.7		
A0129989		2.21	38	619	98	383	367	72	5.51	0.5		
A0129990		2.30	16	174	29	223	204	59	5.36	<0.5		
A0129991		2.31	12	231	37	259	211	57	5.38	0.5		
A0129992		0.07	82	598	310	4480	4300	115	3.93	2.5		

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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			