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: 26-JUN-2019
Account: MZI

CERTIFICATE TB19141472

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 11-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 TB19141472

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
A0162333		1.99	1	<1	<5	2	<1	<1	13.60	<0.5		
A0162334		0.08	4490	1820	1140	90	91	63	0.27	1.0		
A0162335		2.67	3	51	<5	43	285	58	5.02	<0.5		
A0162336		2.89	2	35	<5	34	295	61	5.66	<0.5		
A0162337		2.64	20	236	38	85	380	61	5.99	<0.5		
A0162338		2.63	14	182	37	92	282	48	5.04	<0.5		
A0162339		2.61	14	290	48	99	338	54	5.23	<0.5		
A0162340		2.83	16	251	45	76	447	69	7.24	<0.5		
A0162341		2.54	8	82	13	59	341	62	6.27	0.6		
A0162342		2.89	5	63	6	37	283	56	5.31	<0.5		
A0162343		2.55	3	31	<5	46	256	54	4.69	<0.5		
A0162344		2.93	1	27	<5	25	268	58	5.07	<0.5		
A0162345		2.88	1	69	7	22	260	58	4.58	<0.5		
A0162346		2.70	2	47	<5	33	193	44	3.66	<0.5		
A0162347		2.76	2	31	<5	29	208	46	3.69	<0.5		
A0162348		2.74	2	24	<5	32	269	57	4.93	<0.5		
A0162349		2.64	1	27	<5	24	262	58	4.95	<0.5		
A0162350		2.66	1	23	<5	27	284	62	5.28	<0.5		
A0162351		2.68	4	39	<5	61	242	52	4.61	0.6		
A0162352		2.60	2	42	<5	26	277	58	4.58	<0.5		
A0162353		0.07	52	603	292	4380	4300	113	3.86	2.4		
A0162354		2.78	2	43	<5	26	275	56	4.53	<0.5		
A0162355		2.64	<1	39	<5	5	212	43	3.41	<0.5		
A0162356		2.71	1	31	<5	16	293	60	5.11	<0.5		
A0162357		2.60	3	68	<5	34	247	52	4.28	<0.5		
A0162358		3.08	2	60	<5	23	201	47	3.74	0.5		
A0162359		2.43	3	49	<5	16	262	56	4.85	<0.5		
A0162360		1.64	1	35	<5	20	285	61	5.22	<0.5		
A0162361		2.03	7	94	41	63	249	49	4.19	<0.5		
A0162362		2.06	7	115	33	34	293	49	3.83	<0.5		
A0162363		2.11	4	103	25	21	273	51	4.15	<0.5		
A0162364		2.08	3	74	27	17	317	58	5.45	<0.5		
A0162365		2.17	4	59	5	18	289	53	4.53	<0.5		
A0162366		2.09	9	61	11	65	309	52	4.06	<0.5		
A0162367		2.02	4	43	5	43	270	49	3.81	0.5		
A0162368		2.23	3	27	<5	41	314	53	3.97	<0.5		
A0162369		2.00	14	231	38	83	385	60	5.19	<0.5		
A0162370		2.05	4	33	<5	51	430	67	5.82	0.5		
A0162371		1.94	23	334	62	185	481	73	7.91	<0.5		
A0162372		2.31	3	41	<5	40	378	63	5.71	0.6		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19141472

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
A0162373		1.36	<1	<1	<5	1	7	<1	13.20	<0.5		
A0162374		1.67	3	18	<5	41	278	44	3.89	<0.5		
A0162375		1.91	4	19	<5	39	297	44	3.82	<0.5		
A0162376		2.03	7	99	16	64	374	54	5.58	0.5		
A0162377		2.06	4	70	14	59	440	60	5.95	<0.5		
A0162378		2.04	1	10	<5	34	450	53	3.94	<0.5		
A0162379		1.93	<1	15	<5	17	343	54	4.78	<0.5		
A0162380		2.41	<1	16	<5	11	445	62	5.56	<0.5		
A0162381		2.23	2	8	<5	28	401	54	4.65	0.5		
A0162382		2.24	2	23	<5	28	402	53	4.42	0.5		
A0162383		2.24	68	158	75	329	519	61	5.04	0.6		
A0162384		2.49	40	178	164	404	568	77	6.90	<0.5		
A0162385		1.99	115	212	110	796	593	67	5.39	0.7		
A0162386		2.11	3	38	<5	31	605	103	9.22	<0.5		
A0162387		2.56	10	71	18	433	445	76	7.18	0.5		
A0162388		2.69	45	122	31	960	551	61	4.78	0.8		
A0162389		1.96	147	149	43	1010	598	62	4.91	0.9		
A0162390		2.56	114	199	44	943	577	60	4.76	0.7		
A0162391		2.29	20	74	19	670	465	61	5.37	0.7		
A0162392		2.23	24	59	13	363	424	60	5.25	0.5		
A0162393		0.08	225	3310	759	>10000	>10000	954	3.97	4.1	16300	45100
A0162394		2.29	1	20	<5	35	256	45	3.76	<0.5		
A0162395		2.30	<1	50	<5	21	263	55	4.83	<0.5		
A0162396		2.54	2	94	<5	18	251	59	5.18	<0.5		
A0162397		2.36	1	58	23	16	272	64	5.69	<0.5		
A0162398		2.24	1	40	21	13	306	70	6.55	<0.5		
A0162399		2.27	<1	37	7	7	339	70	6.72	<0.5		
A0162400		2.40	1	43	6	9	283	61	5.63	<0.5		
A0162401		2.33	1	36	<5	7	207	45	3.86	<0.5		
A0162402		2.26	1	27	<5	13	138	31	2.63	<0.5		
A0162403		2.29	2	37	<5	14	166	35	2.98	<0.5		
A0162404		2.28	3	205	91	21	237	51	4.58	<0.5		
A0162405		2.31	1	43	12	13	411	89	8.03	<0.5		
A0162406		2.60	1	39	11	12	352	78	7.00	<0.5		
A0162407		2.60	1	47	11	19	220	54	4.24	<0.5		
A0162408		1.93	10	21	17	269	230	83	5.31	0.5		
A0162409		2.30	9	27	19	223	203	74	5.49	<0.5		
A0162410		0.07	88	628	319	4320	4220	110	3.87	2.1		

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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			