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: 8-JUL-2019
Account: MZI

CERTIFICATE TB19151012

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 21-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 TB19151012

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
AC19-100157		1.23	<1	<1	<5	1	3	1	13.30	<0.5		
AC19-100158		0.08	4820	1960	1250	82	82	61	0.25	0.8		
AC19-100159		2.55	13	278	62	119	435	55	7.40	<0.5		
AC19-100160		2.31	12	253	71	109	377	51	6.23	<0.5		
AC19-100161		2.52	14	286	78	115	338	44	4.89	<0.5		
AC19-100162		2.24	10	219	73	93	288	40	4.45	<0.5		
AC19-100163		1.55	11	609	93	93	318	41	4.52	<0.5		
AC19-100164		1.40	22	1380	201	285	774	57	5.03	<0.5		
AC19-100165		2.13	5	251	75	73	300	42	4.97	<0.5		
AC19-100166		2.09	7	256	75	82	299	43	4.88	<0.5		
AC19-100167		1.36	6	241	81	76	288	41	4.78	<0.5		
AC19-100168		1.48	55	1020	125	372	855	53	4.77	<0.5		
AC19-100169		2.18	10	232	87	112	302	40	4.53	<0.5		
AC19-100170		2.36	10	527	88	87	395	43	4.56	<0.5		
AC19-100171		2.39	15	469	86	140	479	61	7.23	0.5		
AC19-100172		2.68	20	441	108	150	449	56	6.17	<0.5		
AC19-100173		2.38	92	858	272	612	651	57	5.45	<0.5		
AC19-100174		2.52	105	1050	151	630	744	52	5.14	<0.5		
AC19-100175		2.34	14	304	68	132	400	50	6.21	<0.5		
AC19-100176		2.49	8	222	54	110	379	49	6.34	<0.5		
AC19-100177		0.07	92	594	306	4640	4390	113	3.93	1.9		
AC19-100178		2.23	14	339	62	209	446	51	6.32	<0.5		
AC19-100179		2.18	60	497	107	356	608	57	6.32	<0.5		
AC19-100180		2.28	19	419	84	183	457	42	4.88	<0.5		
AC19-100181		2.46	23	166	34	262	390	56	6.01	<0.5		
AC19-100182		2.61	13	482	66	164	458	53	6.52	<0.5		
AC19-100183		2.35	20	326	68	179	487	49	5.96	<0.5		
AC19-100184		2.42	27	457	74	216	436	47	5.66	<0.5		
AC19-100185		2.61	21	625	69	213	424	45	5.17	<0.5		
AC19-100186		2.34	17	508	74	226	437	43	4.89	<0.5		
AC19-100187		2.37	12	243	69	250	321	46	5.17	<0.5		
AC19-100188		2.44	6	247	70	106	310	43	5.04	<0.5		
AC19-100189		2.50	68	740	105	527	684	56	4.95	<0.5		
AC19-100190		2.70	57	367	56	377	498	53	5.01	<0.5		
AC19-100191		2.44	124	962	117	422	626	45	4.11	<0.5		
AC19-100192		2.51	85	681	69	574	609	60	4.97	<0.5		
AC19-100193		2.24	199	2400	210	1360	1265	69	4.98	<0.5		
AC19-100194		2.48	112	2350	193	1170	1490	72	4.94	<0.5		
AC19-100195		2.44	88	950	157	581	874	48	4.37	<0.5		
AC19-100196		2.38	63	925	171	678	869	40	3.22	<0.5		

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To: LAC DES ILES MINES LTD. (NAP)
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 8-JUL-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19151012

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
AC19-100197		1.32	<1	3	<5	3	3	<1	13.80	<0.5		
AC19-100198		2.26	25	771	121	281	663	30	2.57	<0.5		
AC19-100199		2.44	109	708	149	613	838	38	3.32	<0.5		
AC19-100200		2.08	63	737	162	684	880	39	2.75	<0.5		
AC19-100201		2.20	29	366	99	413	477	30	2.83	<0.5		
AC19-100202		2.26	151	1120	176	1270	1205	61	4.65	0.5		
AC19-100203		2.26	178	4160	373	1530	2220	75	3.08	0.6		
AC19-100204		2.24	106	859	143	570	548	34	3.16	<0.5		
AC19-100205		2.03	75	439	85	522	534	38	3.48	<0.5		
AC19-100206		2.49	102	796	101	628	675	40	3.60	<0.5		
AC19-100207		2.16	43	412	104	324	489	38	3.70	<0.5		
AC19-100208		2.07	58	507	103	415	488	39	3.72	<0.5		
AC19-100209		2.24	25	480	81	625	419	46	4.83	<0.5		
AC19-100210		2.29	20	364	70	294	423	41	3.79	<0.5		
AC19-100211		2.09	13	380	78	156	369	39	3.70	<0.5		
AC19-100212		2.36	6	236	73	105	290	38	4.29	<0.5		
AC19-100213		2.14	7	348	75	187	332	40	4.60	<0.5		
AC19-100214		2.20	19	553	83	326	532	59	6.18	<0.5		
AC19-100215		2.32	40	1520	118	579	864	75	6.24	<0.5		
AC19-100216		2.31	25	4360	712	752	2280	144	4.56	2.3		
AC19-100217		0.08	284	3470	797	>10000	>10000	973	3.94	4.2	16200	46300
AC19-100218		2.28	27	982	104	737	584	40	2.77	0.6		
AC19-100219		2.09	11	395	93	218	391	35	3.25	<0.5		
AC19-100220		2.31	8	675	113	168	389	36	3.61	<0.5		
AC19-100221		2.07	7	908	136	204	332	21	1.17	<0.5		
AC19-100222		2.22	13	520	75	250	394	34	3.03	<0.5		
AC19-100223		2.35	7	1480	206	240	603	30	1.95	<0.5		
AC19-100224		2.25	4	493	94	42	335	23	2.39	<0.5		
AC19-100225		2.39	23	1970	202	435	928	39	1.37	<0.5		
AC19-100226		2.19	13	1380	149	151	626	31	2.89	<0.5		
AC19-100227		2.30	10	718	88	99	406	24	2.77	<0.5		
AC19-100228		2.36	7	899	125	70	292	22	2.42	<0.5		
AC19-100229		2.06	4	152	64	56	244	29	2.93	<0.5		
AC19-100230		2.28	7	216	74	72	291	29	2.97	<0.5		
AC19-100231		2.11	11	382	114	135	300	26	2.59	<0.5		
AC19-100232		2.31	12	474	72	272	378	36	3.41	<0.5		
AC19-100233		2.25	31	543	68	517	560	55	5.87	0.5		
AC19-100234		0.07	92	595	330	4480	4400	115	3.89	1.9		

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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			