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: 19-JUN-2019
Account: MZI

CERTIFICATE TB19139989

Project: EMB

P.O. No.: 218459

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	JILL MAXWELL 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 TB19139989

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
A0145235		1.07	<1	<1	<5	1	1	<1	13.35	<0.5		
A0145236		0.08	5440	2010	1300	86	85	62	0.26	0.8		
A0145237		2.13	3	12	<5	94	149	53	3.69	<0.5		
A0145238		3.21	3	11	<5	93	148	53	3.97	<0.5		
A0145239		2.85	6	12	<5	87	150	53	3.89	<0.5		
A0145240		2.77	3	12	<5	93	151	53	4.00	<0.5		
A0145241		2.65	3	12	<5	98	155	55	4.12	<0.5		
A0145242		2.34	2	11	<5	90	147	53	3.79	<0.5		
A0145243		2.43	3	11	<5	93	152	54	4.10	<0.5		
A0145244		2.02	2	11	<5	93	147	52	3.82	<0.5		
A0145245		2.99	3	9	<5	89	142	54	3.94	<0.5		
A0145246		2.52	3	12	<5	90	154	54	4.01	<0.5		
A0145247		2.02	4	12	<5	101	158	54	3.90	<0.5		
A0145248		2.89	2	11	<5	87	149	51	3.97	<0.5		
A0145249		2.48	4	10	<5	91	142	53	3.73	<0.5		
A0145250		2.32	3	10	<5	79	143	52	3.82	<0.5		
A0145251		1.87	2	11	<5	87	152	55	3.97	<0.5		
A0145252		2.65	3	11	<5	76	142	48	4.15	<0.5		
A0145253		2.20	3	9	<5	81	154	52	3.97	<0.5		
A0145254		2.39	3	10	<5	93	146	51	3.77	<0.5		
A0145255		0.07	51	617	307	4580	4440	117	4.09	1.5		
A0145256		2.34	3	10	<5	99	154	54	4.09	<0.5		
A0145257		2.21	4	11	<5	93	150	53	4.06	<0.5		
A0145258		2.29	4	10	<5	94	147	52	4.09	<0.5		
A0145259		2.11	4	11	<5	106	153	52	4.13	<0.5		
A0145260		2.45	4	10	<5	104	159	57	4.34	<0.5		
A0145261		2.53	4	10	<5	118	156	51	4.13	<0.5		
A0145262		2.51	5	37	6	163	185	56	3.81	<0.5		
A0145263		2.24	3	15	<5	136	186	57	4.43	<0.5		
A0145264		2.32	3	10	<5	96	174	56	4.57	<0.5		
A0145265		2.67	11	44	27	214	224	68	4.92	<0.5		
A0145266		2.14	15	42	72	193	219	56	4.19	<0.5		
A0145267		2.68	55	157	58	395	347	63	5.34	<0.5		
A0145268		2.50	27	251	43	356	372	69	5.52	<0.5		
A0145269		2.40	8	234	57	103	293	56	5.78	<0.5		
A0145270		2.34	2	216	56	32	279	49	5.56	<0.5		
A0145271		2.43	3	116	34	32	307	45	5.63	<0.5		
A0145272		2.51	5	214	61	81	321	48	5.41	<0.5		
A0145273		2.47	1	143	29	18	257	37	4.72	<0.5		
A0145274		2.36	2	163	31	15	322	46	6.19	<0.5		

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CERTIFICATE OF ANALYSIS TB19139989

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
A0145275		1.56	<1	<1	<5	<1	3	1	13.50	<0.5		
A0145276		2.31	10	181	60	143	301	57	5.21	<0.5		
A0145277		2.31	6	171	28	99	282	54	5.13	<0.5		
A0145278		2.42	7	229	37	49	292	45	5.65	<0.5		
A0145279		2.21	7	103	21	16	291	36	5.09	<0.5		
A0145280		2.33	3	112	25	14	252	35	4.55	<0.5		
A0145281		2.38	2	67	12	39	184	46	4.23	<0.5		
A0145282		2.51	6	5	<5	200	155	76	4.27	<0.5		
A0145283		2.41	4	166	25	32	308	39	5.35	<0.5		
A0145284		2.40	3	69	13	90	290	54	4.32	<0.5		
A0145285		2.41	2	71	16	93	287	57	4.59	<0.5		
A0145286		2.32	1	104	19	13	282	36	4.97	<0.5		
A0145287		2.09	2	143	30	26	279	35	4.90	<0.5		
A0145288		2.03	1	146	27	11	260	34	4.68	<0.5		
A0145289		2.17	5	153	41	64	401	64	7.47	<0.5		
A0145290		2.20	1	125	21	20	274	34	4.78	<0.5		
A0145291		2.09	1	131	22	19	301	36	5.46	<0.5		
A0145292		1.99	2	103	20	19	282	35	4.95	<0.5		
A0145293		2.12	2	137	25	33	299	35	5.18	<0.5		
A0145294		2.28	1	101	25	16	245	34	4.31	<0.5		
A0145295		0.08	219	3190	750	>10000	>10000	982	4.03	3.7	15400	42800
A0145296		2.07	3	371	97	27	302	33	5.00	<0.5		
A0145297		2.06	2	54	10	24	261	37	5.04	<0.5		
A0145298		1.99	1	112	20	7	260	33	4.76	<0.5		
A0145299		2.12	4	123	18	22	289	40	5.27	<0.5		
A0145300		2.12	24	300	42	90	361	46	5.27	<0.5		
A0145301		2.25	40	87	26	125	332	50	5.54	<0.5		
A0145302		2.18	48	265	50	141	333	52	5.51	<0.5		
A0145303		2.17	35	173	31	160	288	49	4.89	<0.5		
A0145304		2.27	13	98	20	76	231	43	4.49	<0.5		
A0145305		2.26	15	1	<5	172	253	55	5.09	<0.5		
A0145306		2.30	15	24	<5	267	250	62	4.80	<0.5		
A0145307		2.18	12	29	5	177	233	57	4.78	<0.5		
A0145308		2.15	15	48	12	117	236	48	4.81	<0.5		
A0145309		2.13	12	67	13	60	267	52	5.17	<0.5		
A0145310		2.51	24	25	<5	220	215	68	4.80	<0.5		
A0145311		2.39	10	57	11	149	231	57	4.50	<0.5		
A0145312		0.07	94	590	296	4540	4360	116	3.98	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			