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: 20-JUN-2019
Account: MZI

CERTIFICATE TB19139997

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 8-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 TB19139997

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
A0161553		1.07	1	1	<5	2	1	<1	13.35	<0.5		
A0161554		0.08	5060	2000	1290	89	87	64	0.27	0.7		
A0161555		2.56	33	420	69	251	347	48	4.68	<0.5		
A0161556		3.10	3	38	8	90	194	34	3.80	<0.5		
A0161557		2.68	2	39	7	54	196	32	3.65	<0.5		
A0161558		1.80	3	21	5	46	220	37	4.64	<0.5		
A0161559		1.30	5	22	7	123	275	50	5.63	<0.5		
A0161560		2.99	9	52	13	153	297	60	6.15	<0.5		
A0161561		1.83	10	113	21	121	282	58	5.30	<0.5		
A0161562		3.11	24	218	39	201	356	63	6.24	<0.5		
A0161563		2.47	10	80	19	117	289	61	5.76	0.9		
A0161564		2.64	6	111	25	69	311	62	6.43	<0.5		
A0161565		2.27	5	80	17	47	302	60	6.08	<0.5		
A0161566		2.34	3	81	16	33	331	62	6.58	<0.5		
A0161567		2.68	4	23	8	102	281	56	5.93	<0.5		
A0161568		2.31	3	5	<5	104	229	48	5.67	<0.5		
A0161569		2.38	3	4	<5	107	251	49	5.83	<0.5		
A0161570		2.44	7	6	<5	225	272	48	6.08	<0.5		
A0161571		2.44	4	4	<5	181	268	49	5.65	<0.5		
A0161572		2.79	8	4	<5	341	251	44	5.50	<0.5		
A0161573		0.07	84	603	308	4440	4290	111	3.88	1.9		
A0161574		1.92	3	5	<5	152	247	45	5.20	1.8		
A0161575		2.71	3	5	<5	101	257	47	5.26	<0.5		
A0161576		1.89	3	62	15	88	241	42	5.13	<0.5		
A0161577		3.06	14	125	22	119	366	49	4.87	<0.5		
A0161578		2.18	13	252	43	29	239	37	3.67	<0.5		
A0161579		2.41	5	173	23	143	184	40	3.75	<0.5		
A0161580		3.04	25	1480	558	207	301	57	4.25	0.6		
A0161581		1.43	1	50	<5	17	107	88	1.97	<0.5		
A0161582		1.92	14	96	5	626	194	117	3.69	0.6		
A0161583		1.82	7	191	<5	252	142	21	2.00	<0.5		
A0161584		2.80	3	133	7	141	220	39	4.48	<0.5		
A0161585		2.50	<1	117	9	96	217	41	4.50	<0.5		
A0161586		2.06	7	54	9	311	199	36	4.14	<0.5		
A0161587		2.22	14	33	<5	685	192	45	3.96	<0.5		
A0161588		2.20	5	30	<5	155	208	75	4.44	1.2		
A0161589		2.15	2	16	<5	64	181	36	3.48	<0.5		
A0161590		1.66	<1	14	<5	11	86	9	2.39	<0.5		
A0161591		1.70	13	3	<5	300	66	18	1.39	<0.5		
A0161592		1.66	2	28	<5	45	188	40	3.64	<0.5		

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Finalized Date: 20-JUN-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19139997

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
A0161593		1.86	1	<1	<5	1	1	1	13.85	<0.5		
A0161594		1.67	2	63	7	35	192	41	3.84	<0.5		
A0161595		2.38	4	88	6	63	247	51	4.64	<0.5		
A0161596		2.29	1	70	<5	49	203	48	4.33	<0.5		
A0161597		2.30	3	89	5	51	202	47	4.10	<0.5		
A0161598		2.24	6	116	10	86	194	40	3.33	<0.5		
A0161599		2.23	80	334	65	1775	1070	81	4.54	0.8		
A0161600		2.16	128	211	59	3010	1405	94	4.58	1.2		
A0161601		2.20	67	362	63	656	461	55	4.25	<0.5		
A0161602		2.17	4	53	5	56	210	37	3.10	<0.5		
A0161603		2.14	2	55	<5	49	182	36	3.03	<0.5		
A0161604		2.23	2	57	6	52	179	34	3.05	<0.5		
A0161605		2.15	22	240	48	401	252	37	2.36	<0.5		
A0161606		2.10	25	188	40	553	443	58	3.94	<0.5		
A0161607		2.14	26	136	67	553	424	80	6.06	<0.5		
A0161608		2.31	7	32	21	334	253	61	5.79	<0.5		
A0161609		2.19	7	29	22	286	264	65	6.10	<0.5		
A0161610		2.19	23	113	39	515	476	91	7.41	<0.5		
A0161611		2.15	15	43	26	423	314	68	6.37	<0.5		
A0161612		2.12	9	22	11	310	326	80	6.85	<0.5		
A0161613		0.08	240	3300	765	>10000	>10000	949	3.89	4.1	16450	46400
A0161614		2.31	12	30	15	503	518	87	6.84	<0.5		
A0161615		2.02	6	32	34	114	361	73	5.74	<0.5		
A0161616		2.22	3	29	<5	45	200	45	3.64	<0.5		
A0161617		2.13	3	26	<5	60	181	39	3.03	<0.5		
A0161618		2.24	2	71	12	46	201	45	3.67	<0.5		
A0161619		2.06	1	63	5	29	148	39	3.14	<0.5		
A0161620		2.16	2	71	10	37	145	38	3.02	<0.5		
A0161621		2.08	3	58	7	47	138	37	2.99	<0.5		
A0161622		2.18	2	85	9	50	134	40	3.31	<0.5		
A0161623		2.23	1	72	<5	25	145	33	2.75	<0.5		
A0161624		2.10	2	55	<5	17	120	32	2.26	<0.5		
A0161625		2.11	1	49	<5	24	113	31	2.27	<0.5		
A0161626		2.15	<1	45	<5	23	122	34	2.54	<0.5		
A0161627		2.20	<1	50	<5	19	160	42	3.36	<0.5		
A0161628		2.27	5	51	<5	95	147	41	3.00	<0.5		
A0161629		2.20	<1	33	<5	19	150	39	2.90	<0.5		
A0161630		0.07	93	590	291	4610	4430	119	4.03	1.8		

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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			