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: 10-JUL-2019
Account: MZI

CERTIFICATE TB19152568

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 23-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 TB19152568

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
A0152955		2.31	<1	<1	<5	2	1	<1	12.90	<0.5		
A0152956		0.08	4410	1975	1260	86	83	61	0.26	1.1		
A0152957		2.23	3	12	5	111	131	46	4.83	<0.5		
A0152958		1.83	3	14	5	119	161	47	4.86	<0.5		
A0152959		1.68	3	14	6	112	164	46	4.81	<0.5		
A0152960		2.62	5	21	6	181	142	47	4.87	<0.5		
A0152961		1.90	5	65	14	106	176	49	4.70	<0.5		
A0152962		2.36	11	203	32	126	250	50	4.84	<0.5		
A0152963		2.50	9	197	15	84	267	60	5.50	<0.5		
A0152964		2.35	1	148	<5	20	169	45	4.53	<0.5		
A0152965		2.44	1	138	<5	27	183	49	4.61	<0.5		
A0152966		2.33	<1	156	<5	21	173	45	4.20	<0.5		
A0152967		2.27	<1	86	<5	22	149	39	3.62	<0.5		
A0152968		2.40	1	105	<5	17	144	36	3.10	<0.5		
A0152969		2.51	2	102	7	10	132	28	2.71	<0.5		
A0152970		2.46	<1	74	<5	27	169	42	4.10	<0.5		
A0152971		2.39	78	201	50	50	160	42	3.81	<0.5		
A0152972		2.35	5	160	9	51	178	46	4.21	<0.5		
A0152973		2.15	3	58	<5	47	188	48	4.73	<0.5		
A0152974		2.51	1	45	<5	20	180	44	4.42	<0.5		
A0152975		0.07	76	581	276	4290	4240	105	3.77	1.8		
A0152976		2.15	1	84	<5	34	193	48	4.45	<0.5		
A0152977		2.68	7	95	16	70	509	68	8.70	<0.5		
A0152978		2.67	186	1260	233	881	865	108	10.00	<0.5		
A0152979		2.60	86	553	98	540	623	90	7.92	<0.5		
A0152980		2.36	29	230	46	196	508	97	9.34	<0.5		
A0152981		2.93	97	698	123	592	705	92	8.04	<0.5		
A0152982		2.40	88	536	104	624	721	97	8.77	<0.5		
A0152983		2.12	86	443	90	927	754	75	6.06	0.5		
A0152984		2.12	7	54	8	177	224	38	3.34	<0.5		
A0152985		2.50	60	68	26	1640	873	66	3.26	1.0		
A0152986		2.34	62	58	34	1820	970	85	5.71	1.1		
A0152987		2.05	192	64	62	795	599	90	7.96	<0.5		
A0152988		2.03	75	174	106	1315	646	81	6.30	0.6		
A0152989		1.35	1	54	5	31	175	34	2.93	<0.5		
A0152990		1.48	1	50	6	28	180	34	2.99	<0.5		
A0152991		2.33	1	41	5	28	194	37	3.09	<0.5		
A0152992		2.32	1	46	7	22	195	36	3.12	<0.5		
A0152993		2.30	<1	39	<5	17	217	40	3.32	<0.5		
A0152994		2.41	<1	38	<5	12	200	37	2.94	<0.5		

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Finalized Date: 10-JUL-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19152568

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
A0152995		1.57	<1	<1	<5	1	1	1	13.10	<0.5		
A0152996		2.55	1	45	<5	35	233	43	3.13	<0.5		
A0152997		2.13	1	58	<5	28	194	38	3.08	<0.5		
A0152998		2.35	1	63	<5	65	210	38	3.11	<0.5		
A0152999		2.37	1	61	<5	36	222	44	3.46	<0.5		
A0153000		2.30	<1	68	<5	18	196	39	2.93	<0.5		
A0153001		2.55	1	63	<5	9	208	41	3.21	<0.5		
A0153002		1.97	1	67	<5	11	149	32	2.29	<0.5		
A0153003		2.25	1	56	<5	30	146	30	2.23	<0.5		
A0153004		2.27	<1	43	<5	16	159	31	2.55	<0.5		
A0153005		2.20	1	39	5	16	178	38	2.93	<0.5		
A0153006		2.16	1	39	5	28	142	30	2.33	<0.5		
A0153007		2.54	2	35	<5	21	155	33	2.60	<0.5		
A0153008		1.89	2	55	7	40	209	44	3.66	<0.5		
A0153009		2.19	<1	51	6	15	191	43	3.31	<0.5		
A0153010		2.15	<1	41	<5	13	199	44	3.47	<0.5		
A0153011		2.15	<1	43	<5	12	188	42	3.16	<0.5		
A0153012		2.11	<1	38	<5	15	194	43	3.29	<0.5		
A0153013		2.11	<1	36	<5	13	186	42	3.14	<0.5		
A0153014		2.34	<1	39	<5	16	201	45	3.36	<0.5		
A0153015		0.08	240	3280	781	>10000	>10000	954	4.05	4.3	16450	47000
A0153016		2.18	<1	40	5	23	229	44	3.62	<0.5		
A0153017		2.36	<1	51	<5	7	195	40	3.36	<0.5		
A0153018		2.15	<1	48	<5	11	173	42	3.46	<0.5		
A0153019		2.19	<1	41	14	25	157	43	3.37	<0.5		
A0153020		1.93	<1	45	<5	12	183	43	3.62	<0.5		
A0153021		2.09	<1	39	<5	23	173	43	3.52	<0.5		
A0153022		2.38	1	114	27	60	277	56	3.59	<0.5		
A0153023		1.76	6	33	26	183	180	63	5.70	<0.5		
A0153024		2.26	5	33	24	239	247	72	5.30	<0.5		
A0153025		1.74	3	29	22	67	172	51	5.39	<0.5		
A0153026		2.36	3	27	20	157	164	56	5.44	<0.5		
A0153027		2.14	2	27	15	247	224	72	5.21	<0.5		
A0153028		2.39	5	20	6	358	261	90	2.43	<0.5		
A0153029		2.40	7	13	<5	287	157	52	3.19	<0.5		
A0153030		2.38	42	65	22	1200	602	96	4.21	0.7		
A0153031		2.15	39	57	21	1020	520	91	4.99	0.5		
A0153032		0.07	86	626	308	4480	4270	113	4.00	2.0		

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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			