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: 23-APR-2019
Account: MZI

CERTIFICATE TB19089390

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 14-APR-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
CLAIRE MCGUINNESS	DAVE PECK	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 TB19089390

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
A0129837		1.62	2	1	<5	<1	1	1	13.50	<0.5		
A0129838		0.07	5040	2050	1315	83	83	62	0.23	0.5		
A0129839		1.49	11	112	26	273	406	94	7.96	<0.5		
A0129840		1.25	4	35	8	82	330	100	9.51	<0.5		
A0129841		2.21	2	26	5	49	278	90	8.86	<0.5		
A0129842		2.21	1	21	7	43	278	92	8.98	<0.5		
A0129843		2.23	1	23	5	36	268	89	8.83	<0.5		
A0129844		2.23	2	33	8	43	267	88	8.69	<0.5		
A0129845		2.27	3	36	9	69	294	87	8.60	<0.5		
A0129846		2.11	7	77	19	136	318	83	7.97	<0.5		
A0129847		2.29	8	109	20	172	357	85	8.07	<0.5		
A0129848		2.38	5	62	15	124	327	89	8.47	<0.5		
A0129849		2.09	7	79	16	154	368	92	9.00	<0.5		
A0129850		2.23	7	65	16	119	352	95	9.18	<0.5		
A0129851		2.39	5	55	12	106	340	95	9.28	<0.5		
A0129852		2.33	8	67	14	120	340	89	8.73	<0.5		
A0129853		2.10	9	82	17	155	350	91	8.60	<0.5		
A0129854		2.21	8	79	15	165	365	94	8.80	<0.5		
A0129855		2.21	7	79	18	139	385	97	9.21	<0.5		
A0129856		2.46	8	90	19	143	403	100	9.57	<0.5		
A0129857		0.07	80	640	315	4560	4330	114	3.91	1.7		
A0129858		2.24	7	64	18	118	351	92	9.19	<0.5		
A0129859		2.36	3	33	9	74	292	90	9.01	<0.5		
A0129860		2.43	8	81	20	107	327	84	8.43	<0.5		
A0129861		2.25	4	46	12	87	315	88	8.74	<0.5		
A0129862		2.43	4	53	12	98	318	90	8.96	<0.5		
A0129863		2.40	3	40	10	76	295	86	8.63	<0.5		
A0129864		2.32	8	29	8	151	245	71	6.70	<0.5		
A0129865		1.36	3	52	11	87	304	84	8.06	<0.5		
A0129866		1.54	1	6	<5	80	37	37	1.80	<0.5		
A0129867		1.77	5	55	11	108	335	89	9.08	<0.5		
A0129868		2.35	7	78	13	116	355	85	8.56	<0.5		
A0129869		2.36	5	49	10	90	301	85	8.34	<0.5		
A0129870		2.27	5	44	12	123	312	85	8.22	<0.5		
A0129871		2.23	4	49	10	111	270	74	6.96	<0.5		
A0129872		2.44	3	36	10	70	275	81	8.11	<0.5		
A0129873		2.31	4	46	9	80	275	80	7.80	<0.5		
A0129874		2.42	3	41	11	91	265	74	7.45	<0.5		
A0129875		2.16	4	48	11	97	293	83	8.11	<0.5		
A0129876		2.41	9	52	10	89	285	82	8.04	<0.5		

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Finalized Date: 23-APR-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19089390

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
A0129877		1.47	<1	1	<5	1	2	1	12.55	<0.5		
A0129878		2.10	<1	38	8	27	250	69	7.01	<0.5		
A0129879		2.26	2	40	10	80	277	74	7.45	<0.5		
A0129880		2.35	5	104	19	83	303	79	7.92	<0.5		
A0129881		2.33	8	54	15	110	292	79	7.66	<0.5		
A0129882		2.41	5	56	10	115	299	77	7.27	<0.5		
A0129883		2.29	3	30	8	82	315	83	8.47	<0.5		
A0129884		2.29	5	63	20	89	243	66	6.42	<0.5		
A0129885		2.28	15	83	27	314	359	83	7.08	<0.5		
A0129886		1.97	8	41	10	182	312	85	8.42	<0.5		
A0129887		2.66	7	50	11	203	181	42	4.06	<0.5		
A0129888		2.68	12	143	27	311	171	43	3.45	<0.5		
A0129889		2.23	5	46	10	165	312	100	8.77	<0.5		
A0129890		1.66	5	84	18	176	153	35	3.29	<0.5		
A0129891		2.24	15	234	39	363	176	39	2.86	<0.5		
A0129892		2.15	4	36	8	133	110	33	3.12	<0.5		
A0129893		2.16	9	78	19	202	141	38	3.00	<0.5		
A0129894		2.15	4	24	6	116	90	33	3.05	<0.5		
A0129895		2.22	5	31	9	139	116	37	3.50	<0.5		
A0129896		2.12	6	45	11	172	113	35	2.98	<0.5		
A0129897		0.08	218	3390	806	>10000	>10000	958	3.92	3.7	16250	45400
A0129898		2.30	2	17	6	96	115	31	2.89	<0.5		
A0129899		2.20	11	17	5	277	97	38	3.09	<0.5		
A0129900		2.13	4	17	6	133	103	41	3.34	<0.5		
A0129901		2.20	9	16	5	324	93	35	2.91	<0.5		
A0129902		2.10	7	16	<5	243	92	35	3.00	<0.5		
A0129903		2.06	7	13	<5	285	64	25	1.96	<0.5		
A0129904		2.39	4	16	5	152	93	36	3.07	<0.5		
A0129905		2.28	1	16	5	62	91	36	3.19	<0.5		
A0129906		2.14	2	16	5	53	96	38	3.29	<0.5		
A0129907		2.24	2	14	5	114	86	34	2.81	<0.5		
A0129908		2.20	2	16	5	81	90	33	2.95	<0.5		
A0129909		2.18	10	14	<5	293	75	26	2.29	<0.5		
A0129910		2.18	23	7	<5	235	37	22	1.02	<0.5		
A0129911		2.24	7	12	5	386	70	25	2.06	<0.5		
A0129912		2.25	2	15	5	231	85	33	2.68	<0.5		
A0129913		2.01	4	21	7	232	92	34	2.65	<0.5		
A0129914		0.07	69	597	313	4420	4300	113	3.79	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			