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: 24-JUN-2019
Account: MZI

CERTIFICATE TB19139996

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 TB19139996

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
A0161475		1.10	<1	<1	<5	2	2	2	13.80	<0.5		
A0161476		0.08	4470	1960	1180	85	84	61	0.26	1.0		
A0161477		2.54	3	224	72	16	207	42	3.43	<0.5		
A0161478		2.57	5	501	125	11	241	49	3.95	<0.5		
A0161479		2.50	2	289	119	9	218	44	3.66	<0.5		
A0161480		2.71	2	245	96	14	265	50	4.44	<0.5		
A0161481		2.49	4	137	52	10	337	53	5.56	<0.5		
A0161482		2.28	4	183	43	11	212	44	3.52	<0.5		
A0161483		2.09	6	1250	518	9	267	54	4.69	<0.5		
A0161484		2.51	2	334	118	5	240	51	4.50	<0.5		
A0161485		3.07	2	270	94	9	257	52	4.69	<0.5		
A0161486		2.98	2	367	132	9	275	52	4.61	<0.5		
A0161487		3.04	3	323	113	14	273	55	4.88	<0.5		
A0161488		2.28	3	398	120	14	265	50	4.73	<0.5		
A0161489		2.75	4	693	270	23	281	57	5.23	<0.5		
A0161490		2.13	2	225	43	6	270	51	4.79	<0.5		
A0161491		2.89	2	187	42	31	201	45	3.50	<0.5		
A0161492		2.01	1	10	<5	30	29	24	1.42	<0.5		
A0161493		2.34	2	7	<5	47	41	42	1.51	<0.5		
A0161494		1.61	2	100	9	43	216	50	3.72	<0.5		
A0161495		0.07	80	620	304	4680	4490	115	4.03	2.3		
A0161496		2.47	3	122	11	67	150	55	3.12	<0.5		
A0161497		3.10	2	265	23	8	195	34	3.30	<0.5		
A0161498		2.23	6	256	18	5	198	36	3.16	<0.5		
A0161499		2.55	5	279	19	9	202	36	3.27	<0.5		
A0161500		3.35	3	62	<5	35	73	29	1.84	<0.5		
A0161501		2.07	2	21	<5	39	43	27	1.57	<0.5		
A0161502		1.64	3	<1	<5	55	25	31	1.45	<0.5		
A0161503		2.32	9	198	22	323	197	36	2.34	<0.5		
A0161504		2.30	2	35	<5	88	171	28	2.37	<0.5		
A0161505		2.14	7	168	24	180	231	43	3.34	<0.5		
A0161506		2.13	6	117	22	150	290	34	3.35	<0.5		
A0161507		2.11	7	142	20	169	274	35	2.49	<0.5		
A0161508		2.28	3	37	8	50	134	25	2.12	<0.5		
A0161509		2.00	4	51	11	70	131	30	2.77	<0.5		
A0161510		1.58	4	57	9	129	190	30	2.53	<0.5		
A0161511		1.73	7	14	<5	222	129	31	2.75	<0.5		
A0161512		2.39	7	5	<5	426	348	87	4.10	0.6		
A0161513		1.67	4	42	22	9	133	28	2.96	<0.5		
A0161514		1.87	<1	20	7	9	129	29	3.03	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19139996

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
A0161515		1.77	1	<1	<5	2	3	1	13.05	<0.5		
A0161516		2.53	3	36	27	11	148	31	3.20	<0.5		
A0161517		2.56	5	123	22	43	296	35	3.33	<0.5		
A0161518		1.84	25	336	65	527	535	66	4.19	0.5		
A0161519		2.15	68	590	101	918	783	67	4.15	0.6		
A0161520		2.42	8	47	10	81	216	43	4.17	<0.5		
A0161521		1.98	10	34	19	21	203	37	3.74	<0.5		
A0161522		1.79	7	24	20	17	212	35	3.74	<0.5		
A0161523		2.37	4	31	34	16	164	35	3.88	<0.5		
A0161524		3.10	3	23	<5	56	148	40	3.98	<0.5		
A0161525		2.90	4	39	8	80	192	35	3.09	<0.5		
A0161526		2.75	2	18	5	60	168	31	3.57	<0.5		
A0161527		2.46	2	16	<5	86	157	29	3.19	<0.5		
A0161528		2.29	2	20	<5	93	158	32	3.02	<0.5		
A0161529		1.81	2	12	<5	57	144	25	2.67	<0.5		
A0161530		1.72	2	31	12	56	180	36	3.73	<0.5		
A0161531		1.45	3	90	20	100	371	137	8.06	<0.5		
A0161532		1.59	6	177	36	307	501	130	10.50	<0.5		
A0161533		2.32	3	120	26	135	449	102	9.98	<0.5		
A0161534		2.32	2	123	26	69	322	69	6.55	<0.5		
A0161535		0.08	255	3070	720	>10000	>10000	954	3.96	4.1	16300	46900
A0161536		2.31	16	94	23	814	409	169	6.20	0.5		
A0161537		2.20	21	20	5	494	189	112	2.81	0.7		
A0161538		2.14	4	14	5	127	163	26	3.22	<0.5		
A0161539		2.20	6	16	7	161	177	27	3.35	<0.5		
A0161540		2.13	3	16	6	61	200	77	3.72	<0.5		
A0161541		2.25	3	38	7	84	226	32	3.68	<0.5		
A0161542		2.18	19	911	113	279	535	55	3.84	<0.5		
A0161543		2.14	8	221	31	197	308	36	3.65	<0.5		
A0161544		1.64	2	18	5	61	209	32	3.67	<0.5		
A0161545		1.72	4	212	36	64	279	41	4.15	<0.5		
A0161546		1.50	9	207	37	210	409	70	6.95	<0.5		
A0161547		1.73	8	68	15	87	269	54	5.19	<0.5		
A0161548		2.15	16	155	33	155	359	67	6.48	<0.5		
A0161549		2.18	12	164	33	124	353	64	6.19	<0.5		
A0161550		2.09	24	156	30	283	401	76	7.18	<0.5		
A0161551		2.15	13	182	32	135	381	71	6.86	<0.5		
A0161552		0.08	243	3240	741	>10000	>10000	929	3.84	4.0	16150	45600

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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			