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: 17-MAY-2019
Account: MZI

CERTIFICATE TB19101550

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 28-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 TB19101550

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
A0129525		0.86	<1	<1	<5	1	1	<1	12.65	<0.5		
A0129526		0.08	4870	1960	1330	86	85	60	0.26	1.0		
A0129527		2.15	<1	22	<5	23	190	45	3.76	<0.5		
A0129528		2.13	<1	20	<5	23	184	43	3.66	<0.5		
A0129529		2.16	<1	22	<5	27	171	42	3.35	<0.5		
A0129530		2.09	1	21	<5	24	165	42	3.46	<0.5		
A0129531		2.10	2	18	<5	42	180	44	3.59	<0.5		
A0129532		2.14	<1	19	<5	26	184	46	3.68	<0.5		
A0129533		2.19	<1	21	9	16	185	45	3.82	<0.5		
A0129534		2.22	<1	25	<5	22	173	42	3.41	<0.5		
A0129535		2.19	<1	21	<5	16	160	38	3.09	<0.5		
A0129536		2.17	<1	25	<5	8	208	47	3.96	<0.5		
A0129537		2.17	<1	28	<5	13	168	39	3.01	<0.5		
A0129538		2.06	<1	25	<5	11	189	44	3.63	<0.5		
A0129539		2.14	<1	25	<5	24	176	44	3.32	<0.5		
A0129540		2.14	4	62	<5	55	188	42	3.22	<0.5		
A0129541		2.06	1	31	<5	25	194	44	3.51	<0.5		
A0129542		2.22	1	33	<5	20	193	45	3.64	<0.5		
A0129543		1.79	<1	68	25	29	212	43	3.78	<0.5		
A0129544		2.59	44	112	58	406	462	61	3.43	<0.5		
A0129545		0.07	55	600	316	4470	4300	116	3.98	2.1		
A0129546		2.08	14	38	25	188	336	58	3.78	<0.5		
A0129547		2.22	2	5	<5	37	289	85	6.12	<0.5		
A0129548		1.47	6	10	<5	232	36	11	0.20	<0.5		
A0129549		2.48	6	8	<5	144	159	46	1.91	<0.5		
A0129550		2.50	8	8	5	217	196	61	2.89	<0.5		
A0129551		2.29	8	30	6	283	387	84	4.73	<0.5		
A0129552		2.26	7	10	5	255	344	95	6.72	<0.5		
A0129553		2.29	1	15	5	84	371	69	7.35	<0.5		
A0129554		2.26	1	14	7	55	504	76	9.67	<0.5		
A0129555		2.20	1	30	10	59	449	72	8.64	<0.5		
A0129556		2.38	4	17	5	264	278	109	5.53	<0.5		
A0129557		2.44	4	27	9	125	498	107	7.46	<0.5		
A0129558		2.49	7	47	<5	415	384	124	3.64	<0.5		
A0129559		2.60	5	35	<5	444	380	121	2.34	<0.5		
A0129560		2.22	5	28	5	268	581	93	7.84	<0.5		
A0129561		2.22	17	27	5	824	523	95	5.64	0.8		
A0129562		2.29	3	28	8	170	418	71	8.21	<0.5		
A0129563		2.38	26	52	9	617	248	64	2.80	<0.5		
A0129564		2.23	8	108	19	203	184	47	3.27	<0.5		

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To: LAC DES ILES MINES LTD. (NAP)
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 17-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19101550

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
A0129565		1.65	1	<1	<5	1	2	<1	13.05	<0.5		
A0129566		2.04	6	153	32	133	547	75	9.08	<0.5		
A0129567		2.13	3	12	5	117	598	75	10.80	<0.5		
A0129568		2.19	5	61	13	105	401	66	7.84	<0.5		
A0129569		2.10	17	199	30	192	296	63	6.01	0.6		
A0129570		2.21	5	63	10	96	249	72	5.30	<0.5		
A0129571		2.24	6	61	10	125	511	77	8.76	<0.5		
A0129572		2.01	10	53	10	137	626	82	10.45	<0.5		
A0129573		2.21	8	105	18	130	526	71	8.19	<0.5		
A0129574		2.05	15	54	13	242	606	87	8.50	<0.5		
A0129575		2.30	12	78	19	362	553	89	8.68	0.5		
A0129576		2.29	10	10	<5	110	466	71	10.15	<0.5		
A0129577		2.22	2	15	5	109	454	72	9.90	<0.5		
A0129578		1.78	4	21	7	113	476	70	9.01	<0.5		
A0129579		1.64	3	46	10	82	325	57	5.48	<0.5		
A0129580		1.72	5	34	9	97	427	68	9.43	<0.5		
A0129581		1.66	27	367	70	182	376	63	5.99	0.5		
A0129582		2.08	<1	71	<5	85	253	63	4.60	<0.5		
A0129583		2.17	6	36	5	324	290	62	3.94	<0.5		
A0129584		2.72	14	119	24	748	506	87	4.59	0.6		
A0129585		0.08	196	3430	801	>10000	>10000	983	3.98	4.2	16250	46400
A0129586		2.01	16	102	24	694	573	85	4.61	0.6		
A0129587		2.19	6	63	13	199	335	52	3.42	<0.5		
A0129588		2.24	10	62	13	390	650	66	3.90	<0.5		
A0129589		1.95	4	37	11	149	338	61	4.27	<0.5		
A0129590		2.15	5	95	18	107	301	53	3.93	<0.5		
A0129591		2.15	12	60	12	128	334	47	3.30	<0.5		
A0129592		2.55	66	132	57	314	907	89	2.62	0.6		
A0129593		2.22	9	45	6	57	276	43	2.96	<0.5		
A0129594		2.24	9	10	<5	97	636	77	3.36	<0.5		
A0129595		2.47	12	1	<5	525	847	101	2.90	0.6		
A0129596		2.13	15	5	<5	228	577	74	3.25	<0.5		
A0129597		2.18	6	9	<5	112	415	60	3.09	<0.5		
A0129598		2.13	5	16	<5	100	354	54	3.34	<0.5		
A0129599		2.35	43	35	6	247	359	46	2.76	<0.5		
A0129600		2.43	21	67	21	284	334	43	2.76	<0.5		
A0129601		2.30	30	66	22	375	347	45	2.74	<0.5		
A0129602		0.07	98	640	291	4370	4190	111	3.84	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			