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: 16-MAY-2019
Account: MZI

CERTIFICATE TB19101552

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 TB19101552

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
A0129369		1.60	<1	1	<5	1	5	<1	12.75	<0.5		
A0129370		0.07	5190	2020	1300	86	86	61	0.27	0.6		
A0129371		2.28	2	101	37	31	212	44	3.99	<0.5		
A0129372		2.14	2	107	41	27	229	48	4.42	<0.5		
A0129373		2.18	1	85	15	20	207	47	4.08	<0.5		
A0129374		2.15	<1	38	10	28	220	49	4.30	<0.5		
A0129375		2.22	<1	36	7	17	237	50	4.57	<0.5		
A0129376		2.23	<1	44	9	17	228	50	4.22	<0.5		
A0129377		2.44	<1	36	10	20	240	53	4.49	<0.5		
A0129378		2.17	<1	78	37	19	291	63	5.38	<0.5		
A0129379		2.25	<1	43	14	21	395	85	7.81	<0.5		
A0129380		2.18	<1	109	34	22	379	84	7.35	<0.5		
A0129381		2.33	<1	139	54	18	194	44	3.55	<0.5		
A0129382		2.57	2	69	20	25	387	86	7.36	<0.5		
A0129383		2.36	<1	108	39	31	269	61	5.13	<0.5		
A0129384		2.19	<1	227	129	22	234	53	4.50	<0.5		
A0129385		2.43	<1	79	15	30	332	71	6.24	<0.5		
A0129386		2.31	<1	116	9	13	296	59	5.51	<0.5		
A0129387		2.33	<1	152	<5	16	236	48	4.58	<0.5		
A0129388		2.35	<1	285	66	8	270	54	5.18	<0.5		
A0129389		0.07	89	619	300	4330	4280	112	3.84	2.1		
A0129390		2.32	<1	30	6	6	295	62	5.41	<0.5		
A0129391		2.13	<1	26	8	4	289	61	5.40	<0.5		
A0129392		2.17	<1	26	7	6	273	59	5.00	<0.5		
A0129393		2.18	<1	53	7	10	226	49	4.31	<0.5		
A0129394		2.21	<1	47	5	6	204	44	3.71	<0.5		
A0129395		2.13	<1	73	13	33	130	34	2.79	<0.5		
A0129396		2.42	3	121	7	14	202	44	3.82	<0.5		
A0129397		2.03	7	54	5	6	139	33	2.69	<0.5		
A0129398		2.05	<1	52	6	19	152	34	2.73	<0.5		
A0129399		2.28	<1	63	<5	32	153	36	2.70	<0.5		
A0129400		2.39	<1	77	5	21	192	45	3.65	<0.5		
A0129401		2.49	<1	58	10	37	227	60	4.81	<0.5		
A0129402		2.31	<1	69	<5	38	208	52	3.98	<0.5		
A0129403		2.30	<1	73	<5	20	206	46	3.90	<0.5		
A0129404		2.20	<1	67	5	26	149	37	2.78	<0.5		
A0129405		2.22	1	63	<5	28	128	30	2.22	<0.5		
A0129406		2.33	<1	59	<5	21	196	46	3.66	<0.5		
A0129407		2.25	<1	63	<5	18	165	39	2.99	<0.5		
A0129408		2.00	<1	53	<5	19	156	37	2.90	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 16-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19101552

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
A0129409		1.49	<1	<1	<5	1	<1	<1	12.90	<0.5		
A0129410		2.15	<1	61	<5	21	184	40	3.43	<0.5		
A0129411		2.10	<1	51	<5	29	188	46	3.91	<0.5		
A0129412		2.14	<1	50	<5	29	205	49	4.04	<0.5		
A0129413		2.21	<1	50	<5	20	150	34	2.52	<0.5		
A0129414		2.15	<1	63	5	19	182	38	3.02	<0.5		
A0129415		2.22	<1	63	<5	18	177	38	2.87	<0.5		
A0129416		2.17	4	17	6	124	188	45	4.41	<0.5		
A0129417		2.39	5	14	<5	143	159	38	3.72	<0.5		
A0129418		2.27	12	152	29	177	222	47	4.58	<0.5		
A0129419		2.24	5	38	10	164	182	40	4.46	<0.5		
A0129420		2.28	9	15	6	225	184	41	4.40	<0.5		
A0129421		2.29	5	15	5	151	176	40	4.43	<0.5		
A0129422		1.83	11	13	5	184	185	44	4.97	<0.5		
A0129423		1.99	7	14	5	198	229	46	5.01	<0.5		
A0129424		3.08	13	292	53	289	552	90	9.80	<0.5		
A0129425		2.32	30	299	47	209	380	52	4.89	<0.5		
A0129426		2.15	79	734	122	432	700	90	8.93	<0.5		
A0129427		2.24	20	275	46	175	403	74	7.15	<0.5		
A0129428		2.18	17	142	22	176	323	73	6.86	<0.5		
A0129429		0.08	270	3540	819	>10000	>10000	994	4.11	3.8	16700	47100
A0129430		2.48	27	292	46	182	460	89	8.59	<0.5		
A0129431		2.36	31	246	42	160	426	86	8.49	<0.5		
A0129432		2.38	32	232	40	169	440	89	8.63	<0.5		
A0129433		2.26	3	27	5	133	360	73	6.81	<0.5		
A0129434		2.52	14	118	23	117	298	60	5.77	<0.5		
A0129435		2.23	15	120	21	132	304	59	5.59	<0.5		
A0129436		2.37	32	227	42	190	361	67	6.22	<0.5		
A0129437		2.37	56	237	38	268	383	67	5.65	<0.5		
A0129438		2.39	67	435	63	345	361	56	4.01	<0.5		
A0129439		2.44	29	249	43	227	379	67	5.97	<0.5		
A0129440		2.37	24	193	33	222	443	81	7.53	<0.5		
A0129441		2.18	17	137	21	206	448	82	5.97	<0.5		
A0129442		2.47	33	335	54	298	448	80	6.57	<0.5		
A0129443		2.28	11	48	10	155	182	37	2.94	<0.5		
A0129444		2.07	22	92	20	63	134	29	2.39	<0.5		
A0129445		2.25	1	26	<5	31	188	45	3.90	<0.5		
A0129446		0.07	105	611	289	4600	4350	114	4.00	1.6		

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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			