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: 1-AUG-2019
Account: MZI

CERTIFICATE TB19172668

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 15-JUL-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
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 TB19172668

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
A0153189		1.35	1	1	<5	1	2	<1	12.80	<0.5		
A0153190		0.07	4900	1980	1280	85	84	63	0.26	<0.5		
A0153191		2.75	76	2220	207	760	665	65	6.00	0.7		
A0153192		2.59	156	1060	159	1130	835	101	8.54	0.7		
A0153193		2.48	14	133	26	377	505	101	4.57	0.5		
A0153194		2.35	97	570	121	1190	1000	94	6.11	0.7		
A0153195		2.73	33	269	54	330	415	73	8.31	<0.5		
A0153196		1.65	20	397	65	276	239	33	2.80	<0.5		
A0153197		2.88	27	446	71	359	290	34	2.49	0.5		
A0153198		2.12	5	14	<5	50	96	31	3.36	<0.5		
A0153199		2.10	3	31	5	65	124	28	2.79	<0.5		
A0153200		1.80	1	18	5	39	103	30	3.19	<0.5		
A0153201		2.05	6	89	24	140	386	91	10.80	<0.5		
A0153202		2.17	13	145	31	279	446	90	10.80	<0.5		
A0153203		1.42	8	34	5	65	181	36	3.38	<0.5		
A0153204		2.24	9	67	9	102	219	43	3.99	<0.5		
A0153205		2.04	1	59	11	28	161	34	3.59	<0.5		
A0153206		2.47	2	20	7	25	132	30	3.36	<0.5		
A0153207		2.19	6	39	8	47	155	36	3.44	<0.5		
A0153208		2.41	3	58	11	76	219	44	4.66	<0.5		
A0153209		0.07	88	615	291	4450	4480	117	4.11	2.1		
A0153210		2.36	14	168	29	183	272	57	5.45	<0.5		
A0153211		2.32	6	32	8	94	180	48	4.74	<0.5		
A0153212		2.25	7	82	15	121	210	45	4.29	<0.5		
A0153213		1.78	13	167	33	222	287	49	4.54	<0.5		
A0153214		2.73	9	108	21	170	220	42	4.08	<0.5		
A0153215		2.36	9	98	20	122	185	42	3.92	<0.5		
A0153216		2.13	27	257	50	316	346	63	5.63	<0.5		
A0153217		2.48	14	175	36	182	296	56	5.33	<0.5		
A0153218		1.72	11	138	24	152	239	49	5.17	<0.5		
A0153219		1.69	6	25	7	90	156	40	4.11	<0.5		
A0153220		1.35	10	73	16	131	344	78	8.84	<0.5		
A0153221		2.55	5	58	17	117	335	77	8.67	<0.5		
A0153222		2.28	3	99	23	86	377	92	10.15	<0.5		
A0153223		2.38	6	92	19	120	361	89	9.43	<0.5		
A0153224		2.53	11	45	7	112	180	37	3.75	<0.5		
A0153225		2.40	4	43	9	46	220	41	5.12	<0.5		
A0153226		2.29	3	19	<5	44	144	36	3.98	<0.5		
A0153227		2.44	2	20	<5	49	146	41	3.79	<0.5		
A0153228		2.60	3	28	6	96	152	39	4.11	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19172668

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
A0153229		1.89	<1	<1	<5	<1	3	<1	12.90	<0.5		
A0153230		2.43	4	19	5	100	149	40	4.19	<0.5		
A0153231		2.32	1	16	5	45	140	38	3.95	<0.5		
A0153232		2.41	5	118	23	107	259	65	6.26	<0.5		
A0153233		2.43	2	72	14	72	220	53	5.17	<0.5		
A0153234		2.31	3	156	30	70	221	41	3.69	<0.5		
A0153235		2.20	5	253	44	107	307	45	3.61	<0.5		
A0153236		2.17	3	63	14	114	176	41	4.07	<0.5		
A0153237		2.25	4	56	13	118	175	43	3.91	<0.5		
A0153238		2.30	1	32	7	74	156	43	4.20	<0.5		
A0153239		2.33	<1	69	16	66	193	43	4.24	<0.5		
A0153240		2.31	2	48	13	96	184	42	4.19	<0.5		
A0153241		2.22	3	12	<5	69	162	41	4.15	<0.5		
A0153242		2.01	2	14	5	72	161	38	4.18	<0.5		
A0153243		2.22	5	170	31	110	223	41	3.98	<0.5		
A0153244		2.30	19	596	102	376	423	69	6.45	<0.5		
A0153245		2.16	1	28	6	44	153	42	4.08	<0.5		
A0153246		2.19	1	14	6	51	161	40	4.17	0.5		
A0153247		2.19	1	15	5	39	152	39	4.07	<0.5		
A0153248		2.28	3	18	8	51	146	37	3.85	<0.5		
A0153249		0.12	241	3400	804	>10000	>10000	988	4.03	4.4	15850	43700
A0153250		2.14	3	17	6	60	167	40	4.05	<0.5		
A0153251		2.24	<1	15	6	30	130	36	3.69	<0.5		
A0153252		2.10	1	18	6	36	135	38	4.10	<0.5		
A0153253		2.37	4	28	12	82	166	42	4.58	<0.5		
A0153254		2.18	5	14	7	114	196	48	5.07	<0.5		
A0153255		2.18	2	16	5	34	126	37	3.88	<0.5		
A0153256		2.53	2	16	6	64	143	41	4.19	<0.5		
A0153257		2.06	13	68	17	251	325	80	7.76	0.6		
A0153258		2.39	7	18	6	116	264	75	7.81	<0.5		
A0153259		2.51	8	26	9	124	269	77	7.87	<0.5		
A0153260		2.27	<1	22	6	27	128	36	3.79	<0.5		
A0153261		1.88	<1	14	<5	42	109	31	3.27	<0.5		
A0153262		2.13	<1	12	6	33	110	35	3.15	<0.5		
A0153263		2.15	<1	15	7	68	127	40	3.67	<0.5		
A0153264		2.24	3	15	7	121	146	39	3.74	<0.5		
A0153265		2.29	2	13	6	70	124	36	3.40	<0.5		
A0153266		0.07	76	594	300	4590	4490	117	4.13	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			