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: 7-FEB-2019
Account: MZI

CERTIFICATE TB19021654

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-JAN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER 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 TB19021654

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
X095242		2.63	<1	<1	<5	2	1	<1	14.15	<0.5		
X095243		0.07	5220	2030	1320	87	85	64	0.30	0.8		
X095244		2.07	9	3	<5	71	233	43	4.79	<0.5		
X095245		1.72	<1	1	<5	25	221	36	4.16	<0.5		
X095246		1.77	3	<1	<5	294	98	43	2.13	<0.5		
X095247		2.14	6	<1	<5	348	74	43	1.98	<0.5		
X095248		2.78	<1	1	<5	42	211	40	4.75	<0.5		
X095249		2.44	2	1	<5	99	232	50	4.96	<0.5		
X095250		2.61	2	4	<5	172	285	50	4.41	<0.5		
X095251		2.27	3	2	<5	262	416	56	5.19	<0.5		
X095252		2.19	3	2	<5	185	267	49	4.79	<0.5		
X095253		2.26	2	2	<5	178	298	52	5.42	<0.5		
X095254		2.29	1	2	<5	176	260	50	4.54	<0.5		
X095255		2.20	2	<1	<5	153	246	48	4.72	<0.5		
X095256		2.34	<1	2	<5	54	226	39	4.15	<0.5		
X095257		2.16	3	6	<5	210	457	54	4.99	<0.5		
X095258		2.17	4	1	<5	201	218	53	4.25	<0.5		
X095259		2.21	2	1	<5	188	320	57	4.96	<0.5		
X095260		2.49	3	1	<5	158	301	51	4.77	<0.5		
X095261		2.42	<1	<1	<5	126	274	50	4.92	<0.5		
X095262		0.08	65	604	330	4300	4190	108	3.83	1.9		
X095263		1.88	<1	4	<5	29	19	10	0.82	<0.5		
X095264		1.99	<1	2	<5	32	17	9	0.81	<0.5		
X095265		2.14	<1	2	<5	38	24	10	0.74	<0.5		
X095266		2.26	<1	26	<5	62	28	11	0.80	<0.5		
X095267		2.09	<1	22	<5	61	24	13	0.83	<0.5		
X095268		2.15	<1	4	<5	12	18	9	0.81	<0.5		
X095269		2.30	2	77	11	89	48	14	0.93	<0.5		
X095270		2.65	<1	1	<5	70	38	14	1.15	<0.5		
X095271		1.83	4	68	13	117	152	42	3.60	<0.5		
X095272		1.93	14	2	<5	118	207	51	4.10	<0.5		
X095273		2.05	3	11	<5	88	216	48	4.17	<0.5		
X095274		2.39	3	1	<5	77	206	51	5.20	<0.5		
X095275		2.32	3	29	<5	247	188	46	4.71	<0.5		
X095276		2.44	<1	1	<5	68	176	47	4.59	<0.5		
X095277		2.52	<1	<1	<5	76	195	49	4.89	<0.5		
X095278		2.43	<1	<1	<5	92	206	49	4.95	<0.5		
X095279		1.88	<1	<1	<5	90	263	54	5.74	<0.5		
X095280		1.67	<1	<1	<5	90	252	51	5.50	<0.5		
X095281		2.44	7	<1	<5	257	93	34	2.31	<0.5		

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Finalized Date: 7-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19021654

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
X095282		1.82	<1	<1	<5	1	1	1	13.80	<0.5		
X095283		2.26	7	<1	<5	265	84	35	2.08	<0.5		
X095284		2.17	2	33	<5	95	158	39	4.04	<0.5		
X095285		1.63	4	5	<5	109	205	56	5.83	<0.5		
X095286		2.42	<1	<1	<5	91	259	60	6.60	<0.5		
X095287		2.51	2	1	<5	109	217	56	5.52	<0.5		
X095288		2.33	4	34	5	94	204	51	4.90	<0.5		
X095289		2.44	<1	4	<5	88	202	54	5.21	<0.5		
X095290		2.25	<1	2	<5	78	251	60	6.57	<0.5		
X095291		2.27	<1	1	<5	35	346	73	8.50	<0.5		
X095292		2.63	<1	1	<5	62	284	60	6.88	<0.5		
X095293		2.27	<1	1	<5	130	229	53	5.33	<0.5		
X095294		2.44	1	<1	<5	110	215	53	5.11	<0.5		
X095295		2.40	1	<1	<5	124	234	53	5.21	<0.5		
X095296		2.41	2	52	11	141	254	51	5.36	<0.5		
X095297		2.38	2	2	<5	120	272	53	5.63	<0.5		
X095298		2.32	<1	<1	<5	101	276	53	5.86	<0.5		
X095299		2.37	<1	<1	<5	96	268	52	5.66	<0.5		
X095300		2.18	<1	<1	<5	99	271	52	5.53	<0.5		
X095301		2.28	<1	<1	<5	93	284	55	5.93	<0.5		
X095302		0.08	253	3410	799	>10000	>10000	921	3.85	3.8	15750	45200
X095303		2.42	5	3	<5	108	428	57	7.64	<0.5		
X095304		2.65	7	74	11	115	472	68	9.06	<0.5		
X095305		2.48	21	115	12	142	418	61	8.40	<0.5		
X095306		2.54	30	186	23	291	498	71	8.52	<0.5		
X095307		2.61	12	33	7	195	523	72	9.75	<0.5		
X095308		2.63	8	74	9	148	461	64	8.71	<0.5		
X095309		2.74	4	29	<5	98	424	61	8.18	<0.5		
X095310		2.55	9	36	<5	192	399	63	7.49	<0.5		
X095311		2.32	2	3	<5	113	479	65	9.29	<0.5		
X095312		2.75	1	<1	<5	101	474	65	9.04	<0.5		
X095313		1.89	1	1	<5	114	508	66	9.52	<0.5		
X095314		2.36	2	41	5	106	512	64	9.20	<0.5		
X095315		2.39	2	1	<5	114	487	65	8.84	<0.5		
X095316		2.27	2	11	<5	79	448	60	8.42	<0.5		
X095317		2.27	2	1	<5	104	466	62	8.71	<0.5		
X095318		2.43	2	<1	<5	78	427	59	8.11	<0.5		
X095319		0.07	72	602	302	4580	4390	115	3.98	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			