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: 21-MAY-2019
Account: MZI

CERTIFICATE TB19108103

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 6-MAY-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 TB19108103

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
A0128589		1.67	<1	<1	<5	1	3	1	13.20	<0.5		
A0128590		0.08	4710	2000	1290	85	86	62	0.25	0.8		
A0128591		2.27	4	105	17	90	331	44	3.09	<0.5		
A0128592		2.30	14	148	25	261	540	64	4.33	<0.5		
A0128593		2.11	8	194	21	199	458	50	3.44	<0.5		
A0128594		2.41	5	110	22	85	450	56	4.11	<0.5		
A0128595		2.29	11	233	48	210	607	66	4.69	<0.5		
A0128596		2.28	16	92	24	312	501	55	3.97	<0.5		
A0128597		2.39	12	81	18	275	380	47	2.99	<0.5		
A0128598		2.10	15	75	17	452	530	61	3.91	<0.5		
A0128599		2.40	30	90	19	671	524	67	3.73	<0.5		
A0128600		2.34	16	86	19	421	584	66	4.40	<0.5		
A0128601		2.31	42	101	20	545	568	63	4.12	<0.5		
A0128602		2.35	22	94	23	606	541	63	3.97	<0.5		
A0128603		1.79	28	123	27	1430	705	76	5.08	<0.5		
A0128604		2.66	43	26	14	1345	448	69	7.08	2.1		
A0128605		1.90	35	31	21	552	402	65	7.21	<0.5		
A0128606		1.42	9	66	11	370	373	55	3.33	<0.5		
A0128607		1.80	18	72	17	467	434	57	3.42	<0.5		
A0128608		2.38	7	59	12	223	333	49	3.12	<0.5		
A0128609		0.07	122	620	317	4400	4290	112	3.83	1.5		
A0128610		2.34	19	76	18	606	443	53	3.24	<0.5		
A0128611		2.37	16	89	21	493	456	59	4.09	<0.5		
A0128612		2.31	44	94	25	437	472	61	4.40	<0.5		
A0128613		2.33	14	54	27	55	333	58	4.32	<0.5		
A0128614		2.45	253	153	180	97	361	59	4.35	<0.5		
A0128615		2.30	6	73	93	52	281	50	3.86	<0.5		
A0128616		2.39	5	56	16	51	277	50	3.86	<0.5		
A0128617		2.39	7	43	13	48	369	60	4.75	<0.5		
A0128618		2.31	2	26	6	35	301	51	3.98	<0.5		
A0128619		2.40	1	47	<5	44	228	43	2.99	<0.5		
A0128620		2.37	1	51	7	34	328	60	4.54	<0.5		
A0128621		2.29	3	63	15	39	323	58	4.54	<0.5		
A0128622		2.26	7	70	14	52	226	44	3.13	<0.5		
A0128623		2.42	19	72	20	228	387	57	4.40	<0.5		
A0128624		2.44	2	34	<5	69	405	70	5.39	<0.5		
A0128625		2.35	1	18	<5	67	552	90	7.37	<0.5		
A0128626		2.39	<1	39	<5	46	393	72	5.54	<0.5		
A0128627		2.20	<1	59	<5	38	198	55	3.74	<0.5		
A0128628		2.30	1	47	6	39	242	63	4.06	<0.5		

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Finalized Date: 21-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19108103

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
A0128629		2.10	1	1	<5	1	4	<1	12.55	<0.5		
A0128630		2.31	<1	58	<5	38	149	45	3.14	<0.5		
A0128631		2.33	1	65	6	36	168	51	3.68	<0.5		
A0128632		2.42	1	60	7	40	204	66	4.85	<0.5		
A0128633		2.27	2	103	11	35	140	47	3.11	<0.5		
A0128634		2.35	3	99	27	37	152	47	3.61	<0.5		
A0128635		2.26	3	99	17	42	148	48	3.22	<0.5		
A0128636		2.24	1	84	10	40	148	46	3.22	<0.5		
A0128637		2.22	2	75	8	49	145	46	3.07	<0.5		
A0128638		2.13	2	58	<5	45	168	50	3.39	<0.5		
A0128639		2.35	1	48	<5	69	213	51	3.52	<0.5		
A0128640		2.98	12	77	19	455	428	74	3.92	<0.5		
A0128641		2.45	6	22	15	340	838	219	1.55	<0.5		
A0128642		2.56	4	24	8	206	322	111	6.96	<0.5		
A0128643		2.41	7	13	6	352	309	116	4.70	<0.5		
A0128644		2.59	8	15	8	319	290	101	5.22	<0.5		
A0128645		2.39	2	12	8	150	178	95	6.07	<0.5		
A0128646		2.57	6	11	9	259	274	104	5.67	<0.5		
A0128647		2.48	<1	13	7	146	182	114	4.42	<0.5		
A0128648		2.89	2	9	<5	214	211	118	4.35	<0.5		
A0128649		0.08	251	3390	788	>10000	>10000	962	3.89	3.9	15650	46200
A0128650		2.69	3	12	5	268	422	128	4.51	<0.5		
A0128651		3.06	5	14	<5	331	312	143	4.22	<0.5		
A0128652		2.57	5	10	<5	376	343	141	4.14	<0.5		
A0128653		2.79	6	41	8	322	309	126	4.43	<0.5		
A0128654		2.84	5	12	<5	359	295	118	4.15	<0.5		
A0128655		2.82	6	48	9	345	271	114	4.73	<0.5		
A0128656		2.73	8	18	6	436	342	127	4.99	<0.5		
A0128657		2.79	3	14	9	225	289	104	7.76	<0.5		
A0128658		2.88	8	21	12	428	516	118	8.46	<0.5		
A0128659		2.62	18	69	43	484	512	144	2.84	<0.5		
A0128660		2.98	16	52	24	608	600	186	2.46	<0.5		
A0128661		3.00	19	305	99	852	689	174	3.02	<0.5		
A0128662		2.69	31	129	42	1565	1090	107	4.06	0.6		
A0128663		2.60	52	141	46	1385	937	96	3.95	<0.5		
A0128664		2.65	16	87	45	676	539	80	4.40	<0.5		
A0128665		2.62	17	101	49	434	368	79	5.27	<0.5		
A0128666		0.07	126	604	298	4380	4240	113	3.79	1.4		

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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			