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: 18-MAY-2019
Account: MZI

CERTIFICATE TB19107712

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 5-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 TB19107712

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
A0128433		1.89	1	1	<5	2	<1	1	13.20	<0.5		
A0128434		0.08	4740	2010	1300	87	84	64	0.26	0.5		
A0128435		2.52	49	372	68	432	534	97	8.49	<0.5		
A0128436		2.44	35	227	39	210	446	89	8.24	<0.5		
A0128437		2.47	21	146	30	118	444	89	9.11	<0.5		
A0128438		2.36	42	392	67	185	468	86	8.17	<0.5		
A0128439		2.65	43	353	59	216	472	84	7.66	<0.5		
A0128440		1.75	221	1920	296	950	1170	89	7.43	0.5		
A0128441		1.81	75	573	87	339	673	79	7.31	<0.5		
A0128442		1.73	276	2040	316	1250	1360	90	7.39	0.7		
A0128443		1.95	275	2020	300	1280	1425	96	7.68	0.6		
A0128444		2.50	282	2230	346	1250	1330	125	9.88	0.6		
A0128445		2.51	31	229	40	175	391	81	7.21	<0.5		
A0128446		2.59	19	174	33	112	335	72	6.39	<0.5		
A0128447		2.51	31	215	39	157	403	85	7.50	<0.5		
A0128448		2.20	38	289	54	201	440	88	7.88	<0.5		
A0128449		2.92	36	306	54	211	326	61	5.09	<0.5		
A0128450		2.41	26	233	40	179	346	72	6.14	<0.5		
A0128451		2.35	6	95	18	46	167	35	2.89	<0.5		
A0128452		2.40	96	881	161	518	649	99	8.46	<0.5		
A0128453		0.07	88	599	304	4410	4270	112	3.83	2.0		
A0128454		2.27	19	254	43	222	241	47	3.53	<0.5		
A0128455		2.26	3	28	5	60	113	28	2.10	<0.5		
A0128456		2.31	2	33	<5	28	138	33	2.64	<0.5		
A0128457		2.30	3	30	<5	59	34	11	0.53	<0.5		
A0128458		2.34	5	30	<5	96	31	10	0.45	<0.5		
A0128459		2.43	3	26	<5	75	56	15	0.82	<0.5		
A0128460		1.78	4	27	<5	48	170	36	3.39	<0.5		
A0128461		2.81	16	149	29	90	399	81	7.81	<0.5		
A0128462		2.18	7	49	10	58	167	37	3.17	<0.5		
A0128463		2.69	8	97	19	76	293	65	5.59	<0.5		
A0128464		1.83	6	41	8	50	238	57	5.07	<0.5		
A0128465		2.37	2	27	<5	30	167	43	3.47	<0.5		
A0128466		1.95	3	21	<5	33	88	22	1.47	<0.5		
A0128467		1.66	5	16	<5	39	77	20	1.22	<0.5		
A0128468		2.36	5	75	7	65	352	85	8.01	<0.5		
A0128469		2.61	4	17	<5	74	78	21	1.19	<0.5		
A0128470		2.70	4	19	<5	89	60	15	0.81	<0.5		
A0128471		1.41	10	32	5	154	96	26	1.89	<0.5		
A0128472		2.69	10	86	16	114	261	62	5.18	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 18-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19107712

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
A0128473		2.40	2	1	<5	<1	1	2	13.05	<0.5		
A0128474		2.40	13	196	40	157	351	67	5.55	<0.5		
A0128475		2.47	7	72	17	88	305	65	5.44	<0.5		
A0128476		2.48	2	40	5	37	167	35	2.86	<0.5		
A0128477		2.64	4	28	<5	81	114	23	1.44	<0.5		
A0128478		2.50	8	77	10	128	216	47	3.73	<0.5		
A0128479		2.38	5	25	<5	64	166	40	3.12	<0.5		
A0128480		2.48	5	60	7	46	260	54	4.45	<0.5		
A0128481		2.40	1	36	<5	27	185	41	3.14	<0.5		
A0128482		2.38	2	37	<5	35	229	49	4.15	<0.5		
A0128483		2.55	8	104	19	93	375	79	6.75	<0.5		
A0128484		2.59	11	152	28	87	342	63	5.15	<0.5		
A0128485		2.36	1	30	<5	22	215	48	4.06	<0.5		
A0128486		2.62	<1	29	<5	13	178	40	3.24	<0.5		
A0128487		2.42	2	26	5	32	183	41	3.33	<0.5		
A0128488		2.57	1	31	<5	13	167	39	2.92	<0.5		
A0128489		2.43	1	27	<5	18	169	38	3.04	<0.5		
A0128490		2.40	4	45	<5	78	241	52	4.31	<0.5		
A0128491		2.41	1	25	<5	22	175	39	3.03	<0.5		
A0128492		2.55	1	25	<5	25	182	42	3.22	<0.5		
A0128493		2.56	1	19	<5	21	179	41	3.32	<0.5		
A0128494		0.08	303	3280	781	>10000	>10000	963	3.97	4.1	15200	43600
A0128495		2.41	1	25	<5	24	205	43	3.27	<0.5		
A0128496		2.44	2	30	<5	32	193	46	3.62	<0.5		
A0128497		2.34	1	27	<5	27	197	40	3.07	<0.5		
A0128498		2.40	1	27	<5	19	194	45	3.49	<0.5		
A0128499		2.45	1	28	<5	20	200	45	3.68	<0.5		
A0128500		2.44	4	31	<5	18	183	41	3.22	<0.5		
A0128501		2.43	2	29	<5	27	215	49	3.98	<0.5		
A0128502		2.91	2	27	5	26	172	40	3.12	<0.5		
A0128503		1.91	19	246	131	63	450	93	8.71	<0.5		
A0128504		1.73	47	339	181	93	469	74	7.11	<0.5		
A0128505		2.82	5	102	53	28	294	55	5.24	<0.5		
A0128506		2.13	8	52	58	32	72	11	0.76	<0.5		
A0128507		1.65	3	47	73	20	252	47	4.16	<0.5		
A0128508		1.54	13	41	25	137	196	34	2.95	<0.5		
A0128509		2.37	5	43	69	35	401	67	6.20	<0.5		
A0128510		0.07	80	597	289	4510	4260	114	3.86	2.3		

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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			