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: 14-MAY-2019
Account: MZI

CERTIFICATE TB19101553

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 TB19101553

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
A0129447		1.45	<1	1	<5	1	<1	<1	13.40	<0.5		
A0129448		0.08	4390	1960	1260	87	84	60	0.25	0.9		
A0129449		1.98	2	32	<5	43	160	38	3.05	<0.5		
A0129450		2.07	1	28	<5	17	164	38	2.98	<0.5		
A0129451		2.03	2	26	<5	33	174	41	3.55	<0.5		
A0129452		2.04	2	56	<5	35	194	46	3.74	<0.5		
A0129453		2.17	14	37	<5	74	187	43	3.66	<0.5		
A0129454		2.13	9	92	11	41	195	41	3.84	<0.5		
A0129455		2.01	7	162	30	97	394	80	7.91	<0.5		
A0129456		2.22	12	244	41	142	454	87	8.31	<0.5		
A0129457		2.11	10	157	26	86	351	63	6.14	<0.5		
A0129458		2.09	10	152	26	439	467	80	7.38	<0.5		
A0129459		2.26	6	73	14	71	413	97	9.48	<0.5		
A0129460		1.98	6	57	9	76	401	94	9.21	<0.5		
A0129461		2.20	7	63	6	79	355	80	7.54	<0.5		
A0129462		2.08	6	61	12	64	348	77	7.18	<0.5		
A0129463		2.04	3	93	15	27	287	58	5.37	<0.5		
A0129464		2.17	8	154	26	67	371	74	6.93	<0.5		
A0129465		2.00	4	45	<5	45	214	43	3.78	<0.5		
A0129466		2.24	3	33	<5	32	231	47	4.22	<0.5		
A0129467		0.07	52	593	282	4650	4430	113	3.93	2.0		
A0129468		2.01	4	33	<5	56	238	50	4.28	<0.5		
A0129469		2.01	1	38	11	39	216	45	3.87	<0.5		
A0129470		1.94	2	42	7	39	219	45	3.86	<0.5		
A0129471		2.03	2	34	9	52	230	49	4.29	<0.5		
A0129472		2.00	2	46	5	39	234	47	4.27	<0.5		
A0129473		2.16	1	39	<5	24	237	44	3.87	<0.5		
A0129474		2.26	113	855	151	369	723	84	7.25	<0.5		
A0129475		2.13	1	25	<5	28	253	49	4.34	<0.5		
A0129476		2.14	<1	65	<5	20	257	49	4.06	<0.5		
A0129477		1.99	1	37	<5	31	234	49	3.84	<0.5		
A0129478		2.14	<1	31	<5	16	257	54	4.41	<0.5		
A0129479		1.98	<1	29	<5	18	249	52	4.40	<0.5		
A0129480		2.02	1	31	<5	31	215	47	3.78	<0.5		
A0129481		2.09	1	32	<5	22	212	43	3.64	<0.5		
A0129482		2.17	<1	29	<5	21	191	41	3.37	<0.5		
A0129483		2.15	<1	27	<5	16	198	42	3.41	<0.5		
A0129484		2.21	1	63	<5	15	271	55	4.86	<0.5		
A0129485		2.16	<1	27	<5	15	244	50	4.24	<0.5		
A0129486		2.22	<1	30	<5	15	178	41	3.07	<0.5		

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556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 14-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19101553

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
A0129487		0.99	<1	2	<5	<1	2	1	13.35	<0.5		
A0129488		2.26	<1	25	<5	14	195	43	3.42	<0.5		
A0129489		2.26	<1	27	<5	10	190	43	3.33	<0.5		
A0129490		2.19	<1	26	<5	18	191	46	3.37	<0.5		
A0129491		2.10	<1	27	<5	14	196	43	3.46	<0.5		
A0129492		2.16	1	26	<5	24	197	43	3.50	<0.5		
A0129493		2.16	1	29	<5	17	195	45	3.39	<0.5		
A0129494		2.29	<1	27	<5	17	222	48	4.00	<0.5		
A0129495		2.20	<1	32	<5	11	175	39	3.11	<0.5		
A0129496		2.31	<1	54	<5	17	225	43	3.65	<0.5		
A0129497		2.29	1	66	18	22	258	46	4.11	<0.5		
A0129498		2.27	1	50	5	21	289	52	4.71	<0.5		
A0129499		2.19	2	37	<5	31	275	52	4.71	<0.5		
A0129500		2.42	2	35	16	22	345	70	6.58	<0.5		
A0129501		1.97	4	36	38	38	189	40	3.39	<0.5		
A0129502		2.20	1	60	7	24	201	39	3.30	<0.5		
A0129503		2.22	1	182	94	28	203	38	3.28	<0.5		
A0129504		2.16	1	106	14	23	179	36	2.99	<0.5		
A0129505		2.03	1	72	9	29	209	43	3.57	<0.5		
A0129506		2.16	2	73	<5	32	265	51	4.19	<0.5		
A0129507		0.08	240	3460	788	>10000	>10000	963	3.99	3.9	16700	46500
A0129508		2.16	2	35	<5	52	443	61	6.51	<0.5		
A0129509		2.19	2	23	<5	50	451	66	7.89	<0.5		
A0129510		2.23	1	24	<5	36	207	44	3.47	<0.5		
A0129511		2.20	1	33	<5	33	181	39	2.93	<0.5		
A0129512		2.09	<1	35	<5	23	170	36	2.83	<0.5		
A0129513		2.22	2	27	<5	42	182	41	3.23	<0.5		
A0129514		2.27	<1	32	<5	19	171	38	2.82	<0.5		
A0129515		2.26	<1	27	<5	20	188	42	3.21	<0.5		
A0129516		2.23	2	30	<5	36	213	42	3.98	<0.5		
A0129517		2.39	2	12	5	72	477	69	9.71	<0.5		
A0129518		2.22	4	14	<5	75	384	63	8.49	<0.5		
A0129519		2.18	1	36	<5	36	179	40	3.14	<0.5		
A0129520		2.09	1	47	<5	31	185	38	3.07	<0.5		
A0129521		2.17	<1	32	<5	22	146	34	2.54	<0.5		
A0129522		2.39	<1	25	<5	22	162	37	2.82	<0.5		
A0129523		1.93	<1	18	<5	23	200	45	3.55	<0.5		
A0129524		0.07	129	615	288	4770	4760	118	4.01	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			