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WORK ASSESSMENT REPORT

THE BOZENA LAKE PROPERTY

TUURI TOWNSHIP

THUNDER BAY DISTRICT

ONTARIO

NTS 42 D/15

WAYNE RICHARDS

Client ID# 303657

March, 2020

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Appendix

Appendix A

Property Location Map

Cell Mining Claim Map

Appendix B

Historic Drill Hole Map

Appendix C

Sample Location Map

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ALS Assay Certificate and Invoice

INTRODUCTION

Wayne Richards has 100% interest in the Bozena Lake Property located in Tuuri Township in the District of Thunder Bay, Ontario (see the Property Location Map, Appendix A) within the Schreiber Greenstone Belt. The property consists of the following group of 12 claim cells:

107540	Single Cell Mining Claim	42D15F314	Tuuri Twp	100% Wayne Richards
128173	Single Cell Mining Claim	42D15F334	Tuuri Twp	100% Wayne Richards
145667	Single Cell Mining Claim	42D15F313	Tuuri Twp	100% Wayne Richards
145668	Single Cell Mining Claim	42D15F312	Tuuri Twp	100% Wayne Richards
174747	Single Cell Mining Claim	42D15F294	Tuuri Twp	100% Wayne Richards
210962	Boundary Cell Mining Claim	42D15F291	Tuuri Twp	100% Wayne Richards
210963	Boundary Cell Mining Claim	42D15F311	Tuuri Twp	100% Wayne Richards
248369	Single Cell Mining Claim	42D15F293	Tuuri Twp	100% Wayne Richards
295496	Single Cell Mining Claim	42D15F292	Tuuri Twp	100% Wayne Richards
295497	Boundary Cell Mining Claim	42D15F331	Tuuri Twp	100% Wayne Richards
314940	Boundary Cell Mining Claim	42D15F333	Tuuri Twp	100% Wayne Richards
335805	Boundary Cell Mining Claim	42D15F332	Tuuri Twp	100% Wayne Richards

The property claims are shown on the Cell Mining Claim Map (Appendix A)

LOCATION AND ACCESS

The Bozena Lake property is located 6.5 kilometers north of the TransCanada highway between Marathon and Terrace Bay Ontario. This property is accessible by ATV trail and canoe. The topography is quite rugged throughout the region, with numerous small to medium size creeks joining various lakes. The property is accessed by the west side of the Prairie River trail (see the Property Location Map, Appendix A).

REGIONAL GEOLOGY

The property occurs within the Wawa Subprovince of the Superior Province. It is within the late Archean Schreiber-Hemlo greenstone belt, i.e. 2.80 -2.68 Ga. It is composed of supracrustal lithotectonic assemblages of ultramafic to tholeiitic

basalt ocean plateau sequences, tholeiitic to calc-alkaline volcanic arc sequences, and siliciclastic turbidites, collectively intruded by arc granitoids (Polet *et al*, 1998).

PROPERTY GEOLOGY

The property lies along the north limb of a regional antiform, which is located in the Archean Schreiber portion of the greenstone belt. Mafic and intermediate volcanics are overlain by chert, shale, sulphide iron formation, and related sedimentary rocks. The belt consists of variably metamorphosed metavolcanics and metasedimentary units (Walker, 1967). The property geology is shown on the Historic Drill Hole Map (Appendix B).

HISTORICAL WORK PERFORMED

Several previous companies have worked the property and the information is contained in the assessment files located at the MNDM. Brief synopses below of work performed on these properties are contained in these reports. A lot of the reports describe more regional surveys over the general area, but the list below is confined to the claims in this report.

1981: Gulf ?

1983: Coronet Resources: Aerodat Ltd. Airborne geophysical surveys, geological survey, geochemical survey (42D15SW0082,70)

1983: Teck Exploration: Geophysics (42D15SW0090)

1986: Lionel Martin: Line Cutting, Trenching, Geochemistry, Geological Mapping, Geochemistry, Geophysics and Diamond Drilling (42D15SW0061)

1986-1987: Eldor Resources (optioned from Cunningham): Diamond Drilling, Soil Sampling, Litho geochemistry (42D15SW0064, 56_B, 58)

1989: Cameco/ Zenmac Zinc Ltd: Diamond Drilling (42D15SW0054, 56)

1990: Cunningham: Whole Rock Analysis (42D15SW0051), references gulf work?

2005: Phoenix Matachewan Mines: Lithochem, Airborne Magnetics VTEM (42D15SW0061, 2025, 20003043)

2006-2008: Galahad Minerals: Drilling (see Historic Drill Hole Map, Appendix B)

WORK PROGRAM

The focus of the work program was to prospect and investigate around historic drill locations and collect samples. Many rock samples were examined and six rock samples were collected on two of the property claims for further analysis (see the Sample Location Map, Appendix C). The assay results from ALS, Thunder Bay are shown on the certificate in Appendix D.

ROCK SAMPLE DESCRIPTIONS

All sample locations are in NAD83 UTM Zone 16 coordinates.

CLAIM # 145667

Sample 1 # 1408517 E514973 – N5410876

- Gray wacky with pyrrhotite
- 5 to 10 % pyrrhotite

CLAIM # 145667

Sample 2 # 1408518 E514893 – E5410869

- Quartz with greenstone rock
- Zinc (sphalerite) – visible zinc

CLAIM # 145667

Sample 3 # 1408519 E514732 – N5410892

- Quartz with greenstone rock
- Visible zinc (sphalerite)

CLAIM # 145668

Sample 4 # 1408520 E514628 – N5410865

- Chert
- A touch of sulphides

CLAIM # 145668

Sample 5 # 1408521 E514479 – N5410877

- Gray wacky
- ½ % of sulphides

CLAIM # 145668

Sample 6 # 1408522 E514625 – N5410953

- Rusty chert with ½ % of sulphides

DAILY LOG

June 18 & 19. 2019 (Wayne Richards)

Clean dead falls and fill in washout to make trail accessible for 6-wheeler.
Finish clearing trail. Transported canoe and motor to lake.

June 20 & 21, 2019(Wayne Richards)

Prospect and hand strip sample location 1.
Lots of overburden to clear to access sample.

June 22, 2019 (Wayne & Francine Richards)

Prospect and hand strip sample location 2.

June 23 & 24, 2019 (Wayne Richards)

Prospect and hand strip sample location 3 & 4.

June 28, 2019 (Wayne & Francine Richards)

Prospect and hand strip sample location 5 & 6.

June 30, 2019 (Wayne & Francine Richards)

Mob out all gear (canoe/ motor).

RECOMMENDATIONS

Further prospecting, investigating and rock sampling of the claim group is required to provide a better understanding of the historic zinc in the area.

COSTS AND EXPENSES

Most of the exploration costs are for the physical labour and the use of the equipment involved in accessing the property, prospecting the outcrops and sampling. These costs are provided as day rates and as such do not have an invoice or receipt associated with them. The only invoiced cost was the sample assaying by ALS, Thunder Bay and this invoice is included in Appendix D with the Assay Certificate.

12 man-days @ \$700.00 / day	=	\$8 400.00
9 days @ \$85.00 / day for 6-wheeler	=	\$765.00
2 days @ \$35.00 / day for chainsaw	=	\$70.00
6 days @ \$75.00 / day for canoe & motor	=	\$450.00
9 days of travel @ \$0.50 / km X 60 km / day	=	\$270.00
9 meals @ \$33.00 / day	=	\$297.00
2 days @ \$300.00 / day for report	=	\$600.00
6 rock sample assays as per ALS invoice	=	\$285.00
TOTAL	=	\$ 11 137.00

Wayne Richards Prospector Licence # 2000300
Francine Richards Prospector Licence # 1012962

REFERENCES

Polat A, Kerrich R and Wyman DA. 1998. *The late Archean Schreiber–Hemlo and White River–Dayohessarah greenstone belts, Superior Province: collages of oceanic plateaus, oceanic arcs, and subduction–accretion complexes.* Tectonophysics. Vol. 289, Issue 4. pp. 295-326.

Walker JWR. 1967. *Geology of the Jackfish Middleton Area.* Ontario Department of Mines. 41p.

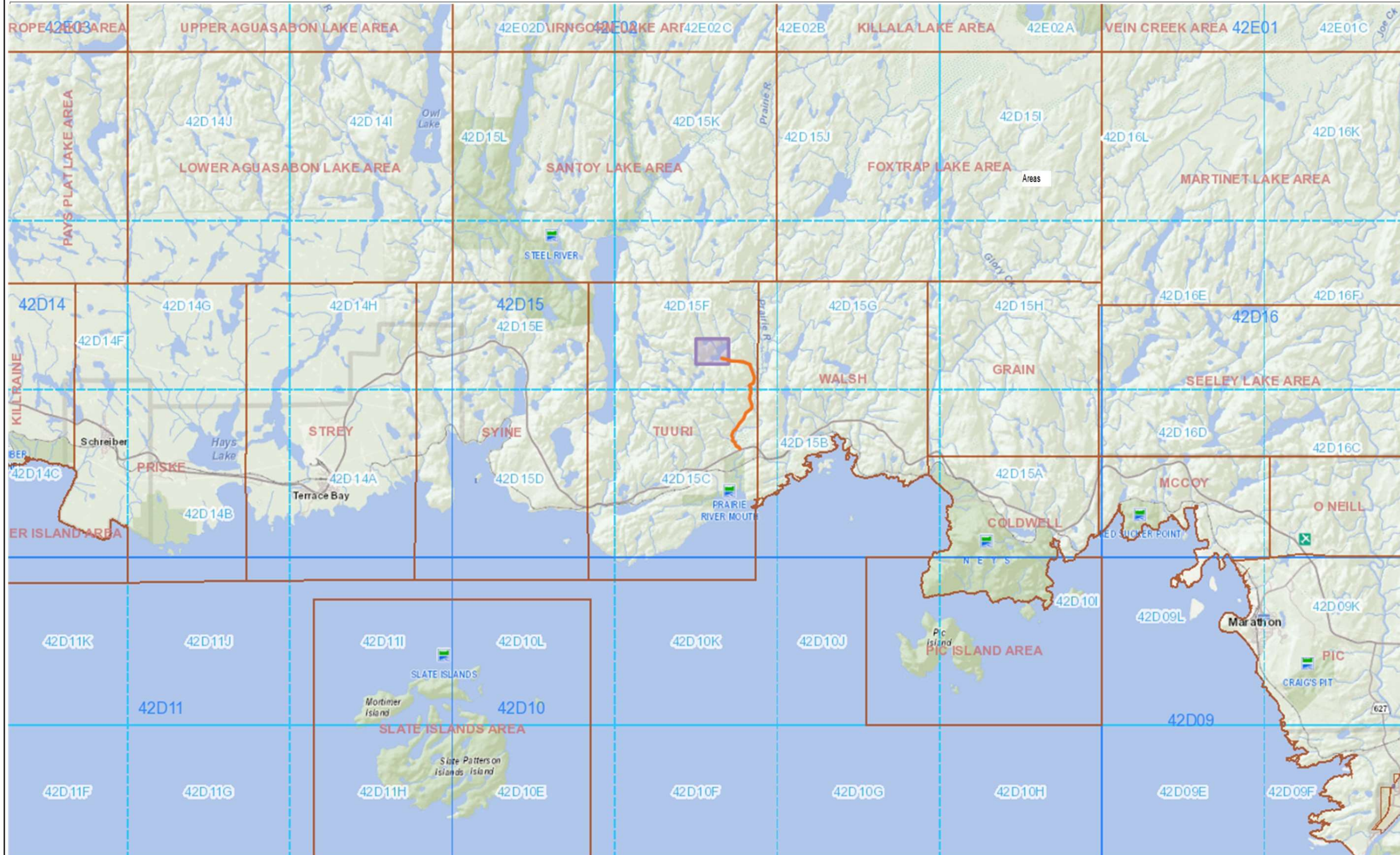
Appendix A

Property Location Map

Cell Mining Claim Map

Bozena Lake Property Location Map

Notes:



Legend

ENDM Administrative Boundaries

- ENDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- CLUPA Protected Area - Far North
- Federal Land Other
- Native Reserves

Provincial Grid

- Provincial Grid 250K
- Provincial Grid 50K
- Provincial Grid Group

Land Tenure

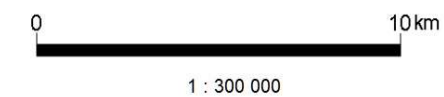
- Property Area
- Access Trail

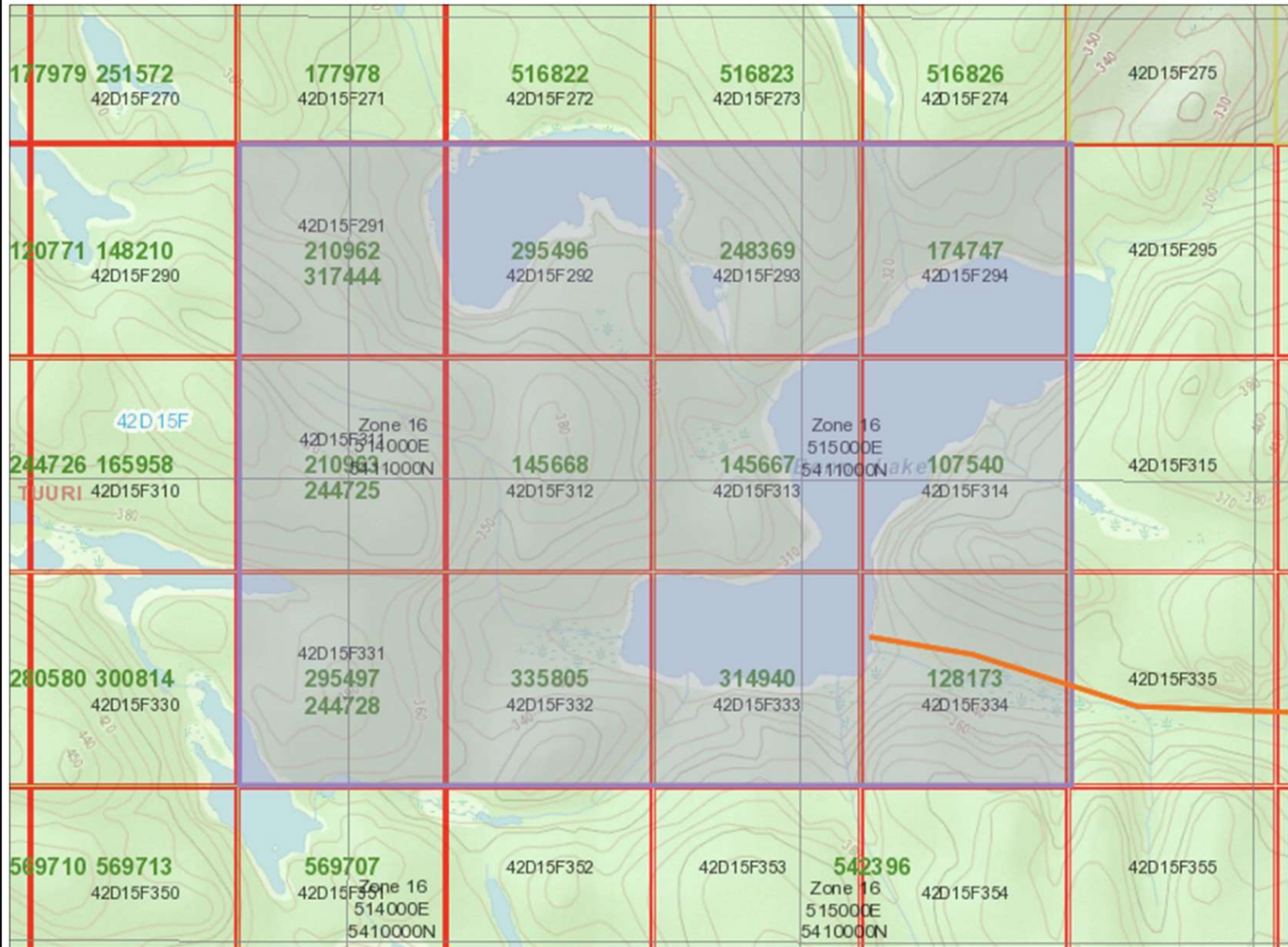
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Legend

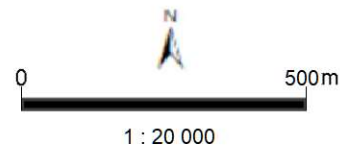
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 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- ENDM Administrative Boundaries**
 - ENDM Townships and Areas
 - Geographic Lot Fabric
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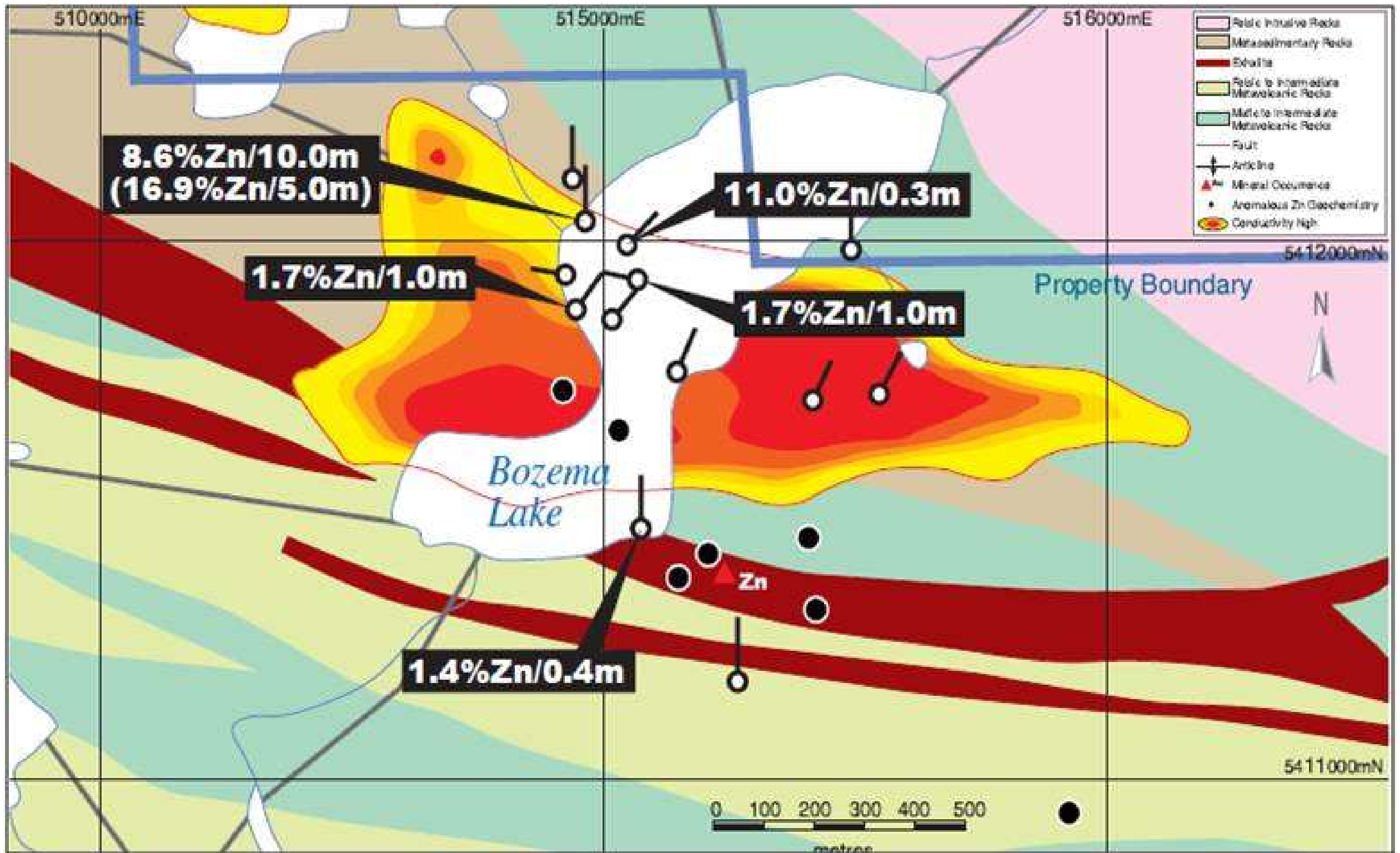
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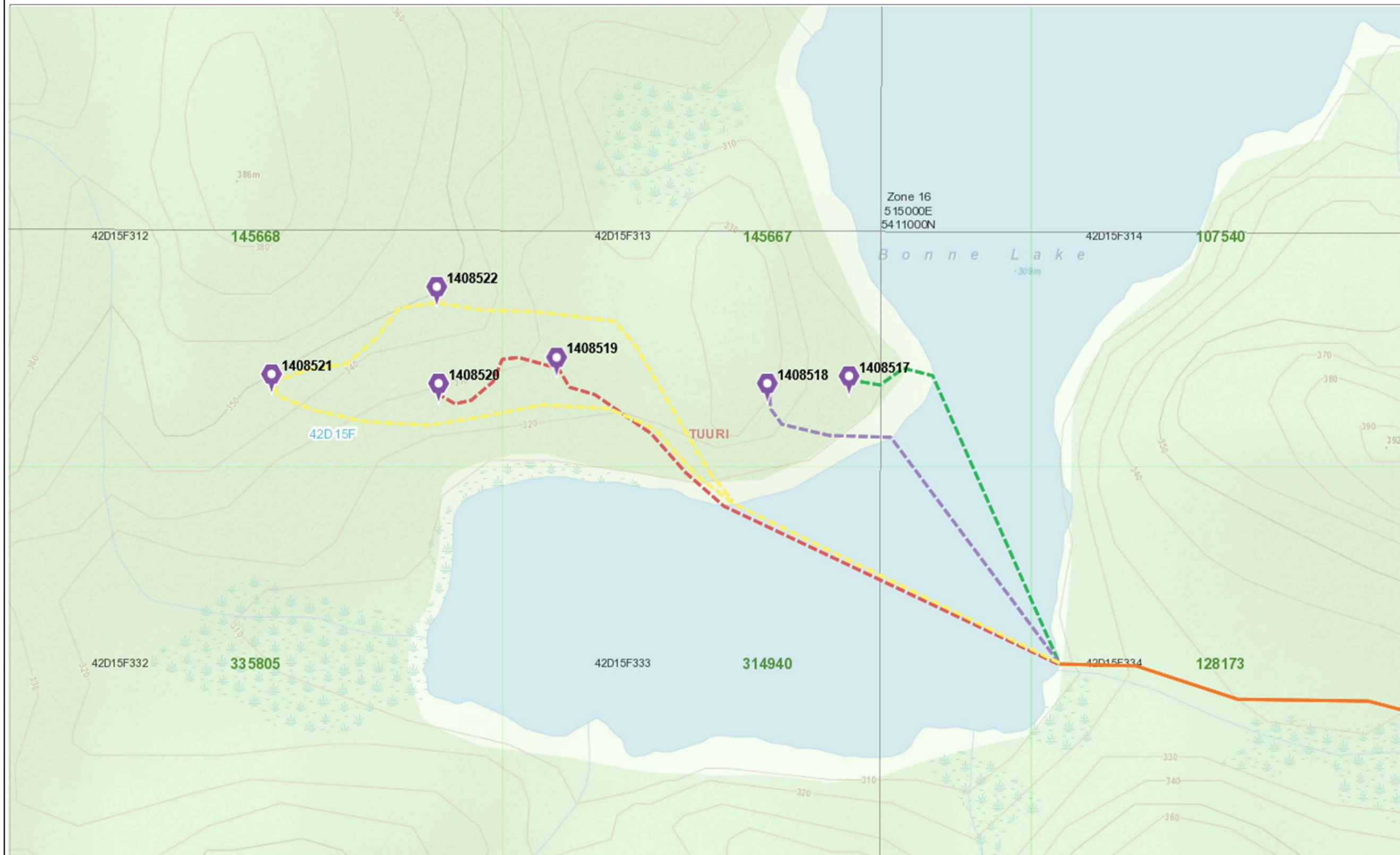
Appendix B

Historic Drill Hole Map



Appendix C

Sample Location Map



Legend

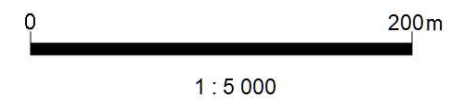
- Mining Claim**
 - Mining Claim
- ENDM Administrative Boundaries**
 - ENDM Townships and Areas
 - UTM Grid 1K
- Provincial Grid**
 - Provincial Grid 50K
- Topography**
 - Spot Height
 - Index Contour
 - Contour
 - Wooded Area
 - Wetland
 - Waterbody
 - Waterbody Elevation
 - Watercourse
- Access Trail**
- June 20 & 21 Prospecting Traverse**
- June 22 Prospecting Traverse**
- June 23 & 24 Prospecting Traverse**
- June 28 Prospecting Traverse**
- Rock Sample Location**

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Appendix D

ALS Assay Certificate and Invoice



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: **RICHARDS EXPLORATION**
P.O BOX 1084
TERRACE BAY ON P0T 2W0

Page: 1
Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAR-2020
Account: REPHEIMG

CERTIFICATE TB20053616

Project: Bozena

This report is for 6 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 6-MAR-2020.

The following have access to data associated with this certificate:

WAYNE RICHARDS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

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: 
Saa Traxler, General Manager, North Vancouver



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Project: Bozena

CERTIFICATE OF ANALYSIS TB20053616

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
1408517		0.35	<0.005	0.5	1.08	154	<10	10	<0.5	2	2.53	<0.5	42	11	25	19.00
1408518		0.58	<0.005	<0.2	1.99	4	<10	80	<0.5	<2	4.49	<0.5	3	6	5	7.40
1408519		0.55	<0.005	0.2	1.33	77	<10	20	<0.5	2	1.99	0.7	33	12	58	11.45
1408520		0.48	<0.005	0.3	0.33	25	<10	10	<0.5	<2	1.46	1.9	16	15	168	1.86
1408521		1.07	0.013	<0.2	2.49	3	<10	330	0.8	<2	4.75	<0.5	35	391	170	5.48
1408522		0.76	0.047	1.1	0.71	<2	<10	30	<0.5	<2	0.17	<0.5	7	25	5	1.67



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 Account: REPHEIMG

Project: Bozena

CERTIFICATE OF ANALYSIS TB20053616

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
1408517		<10	1	0.05	<10	0.73	2490	7	0.01	38	330	14	>10.0	5	3	20
1408518		10	<1	0.11	10	1.23	4270	1	0.01	2	140	3	0.08	2	4	69
1408519		10	1	0.10	10	0.66	1750	7	0.03	39	410	5	7.36	<2	5	15
1408520		<10	<1	0.05	<10	0.12	230	8	0.01	29	140	7	1.06	<2	2	16
1408521		10	<1	1.50	20	3.08	918	<1	0.04	79	1680	4	0.67	<2	5	331
1408522		<10	<1	0.10	20	0.31	114	<1	0.01	17	410	2	0.13	<2	2	15

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Project: Bozena

CERTIFICATE OF ANALYSIS TB20053616

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
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1408518		<20	0.03	<10	<10	2	<10	36
1408519		<20	0.06	<10	<10	52	<10	215
1408520		<20	<0.01	<10	<10	11	<10	1045
1408521		<20	0.21	<10	<10	135	<10	66
1408522		<20	<0.01	<10	<10	17	<10	27



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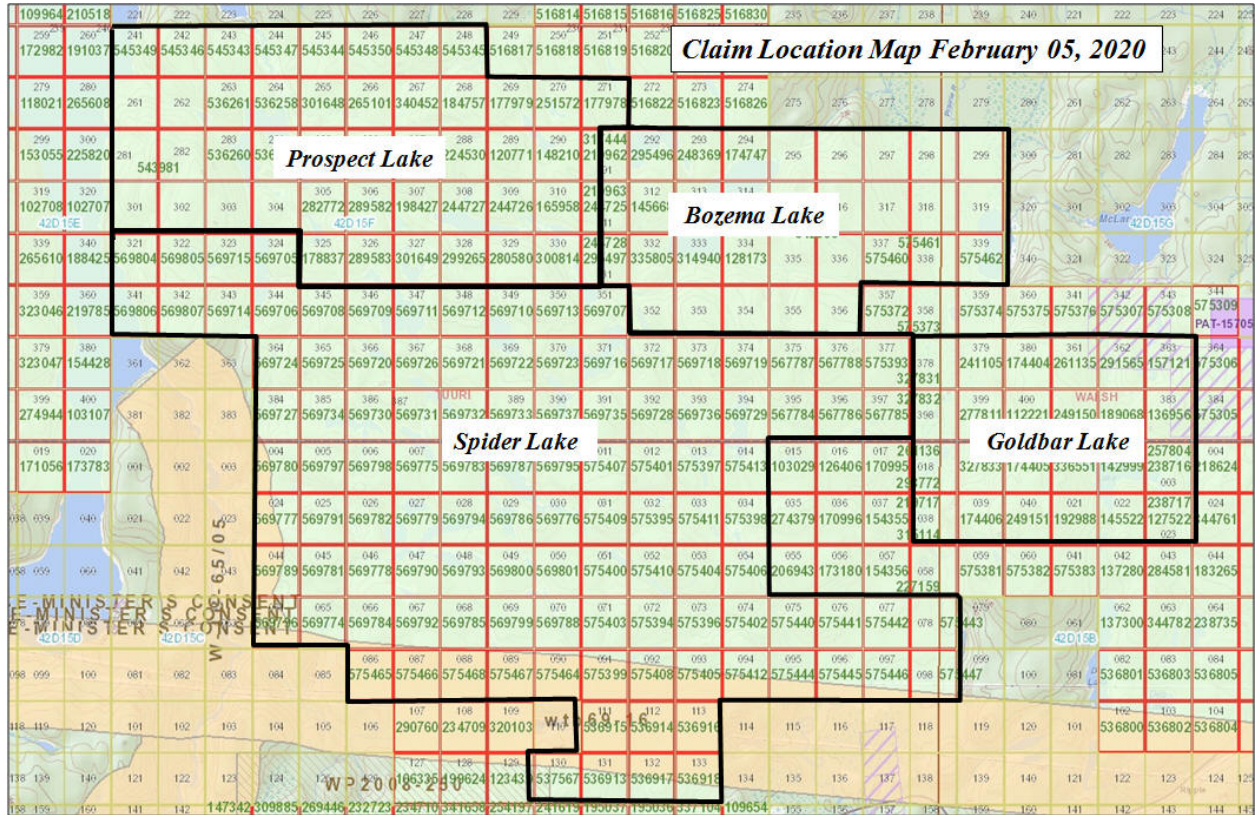
Project: Bozena

CERTIFICATE OF ANALYSIS TB20053616

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-31	CRU-QC	LOG-22
	PUL-QC	SPL-21	WEI-21
			PUL-31
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-AA23	ME-ICP41	



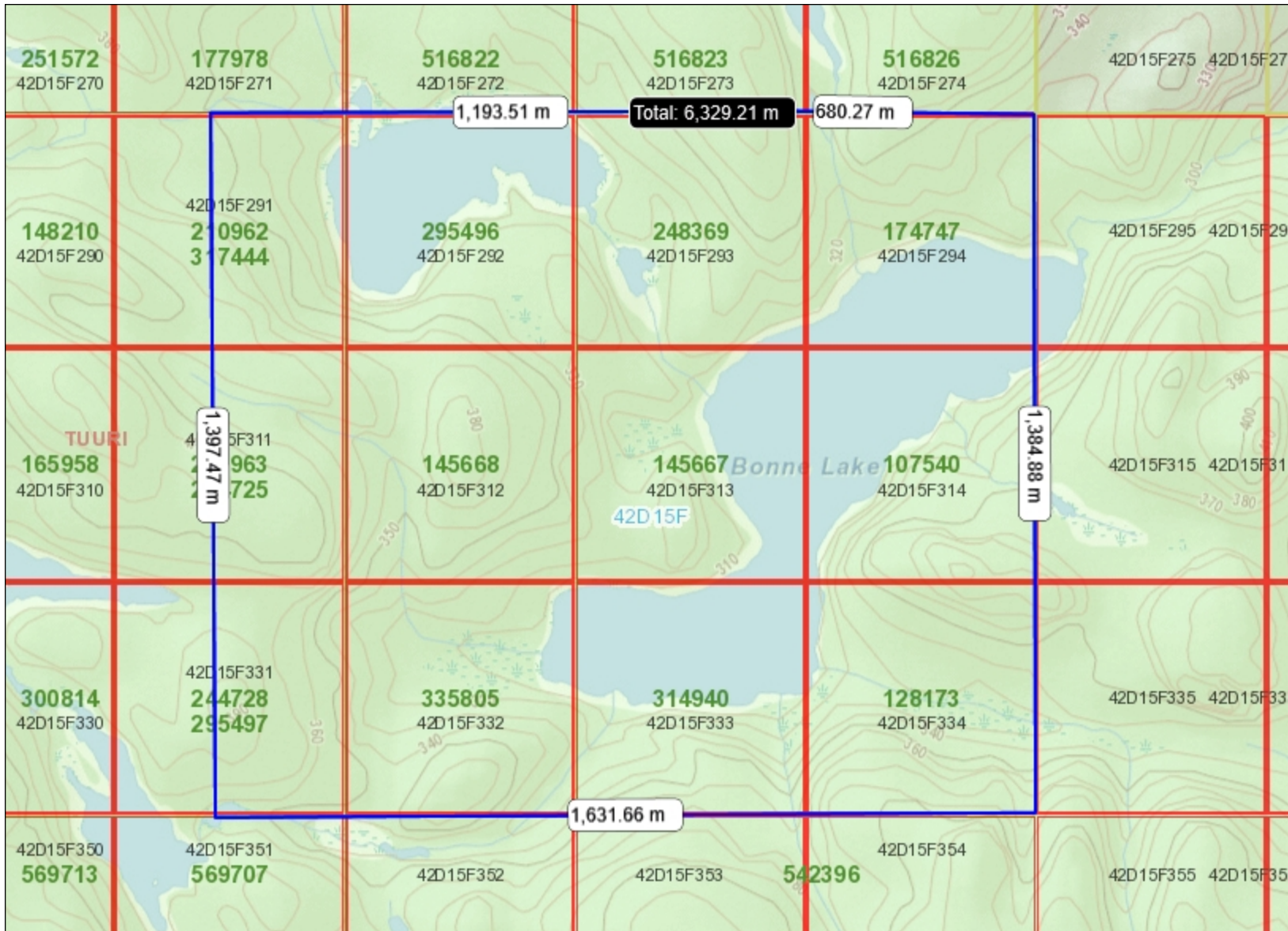
Area Location 1.



BOZENA LAKE

Notes:

CLAIM UNITS
107540, 128173, 145667, 145668, 174747, 210962,
210963, 248369, 295496, 295497, 314940, 335805,



Legend

- Provincial Grid Cell**
 - Available
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 - Unavailable
- Mining Claim**
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- Alienation**
 - Withdrawal
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- ENDM Administrative Boundaries**
 - ENDM Townships and Areas
 - Geographic Lot Fabric
 - UTM Grid 1K
 - UTM Grid 10K
 - Mining Division
 - Mineral Exploration and Development Region
 - CLUPA Protected Area - Far North
 - Resident Geologist District
 - Federal Land Other
 - Native Reserves
- AMIS**
 - AMIS Sites
 - AMIS Features
 - Drill Hole
 - Mineral Occurrences
- MLAS Mining History**
 - Withdrawal - History
 - Notice - History
 - Mining Claim - History
 - Mining Land Tenure - History
 - Legacy Claim
- Provincial Grid**
 - Provincial Grid 250K
 - Provincial Grid 50K
 - Provincial Grid Group
- Land Tenure**
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council



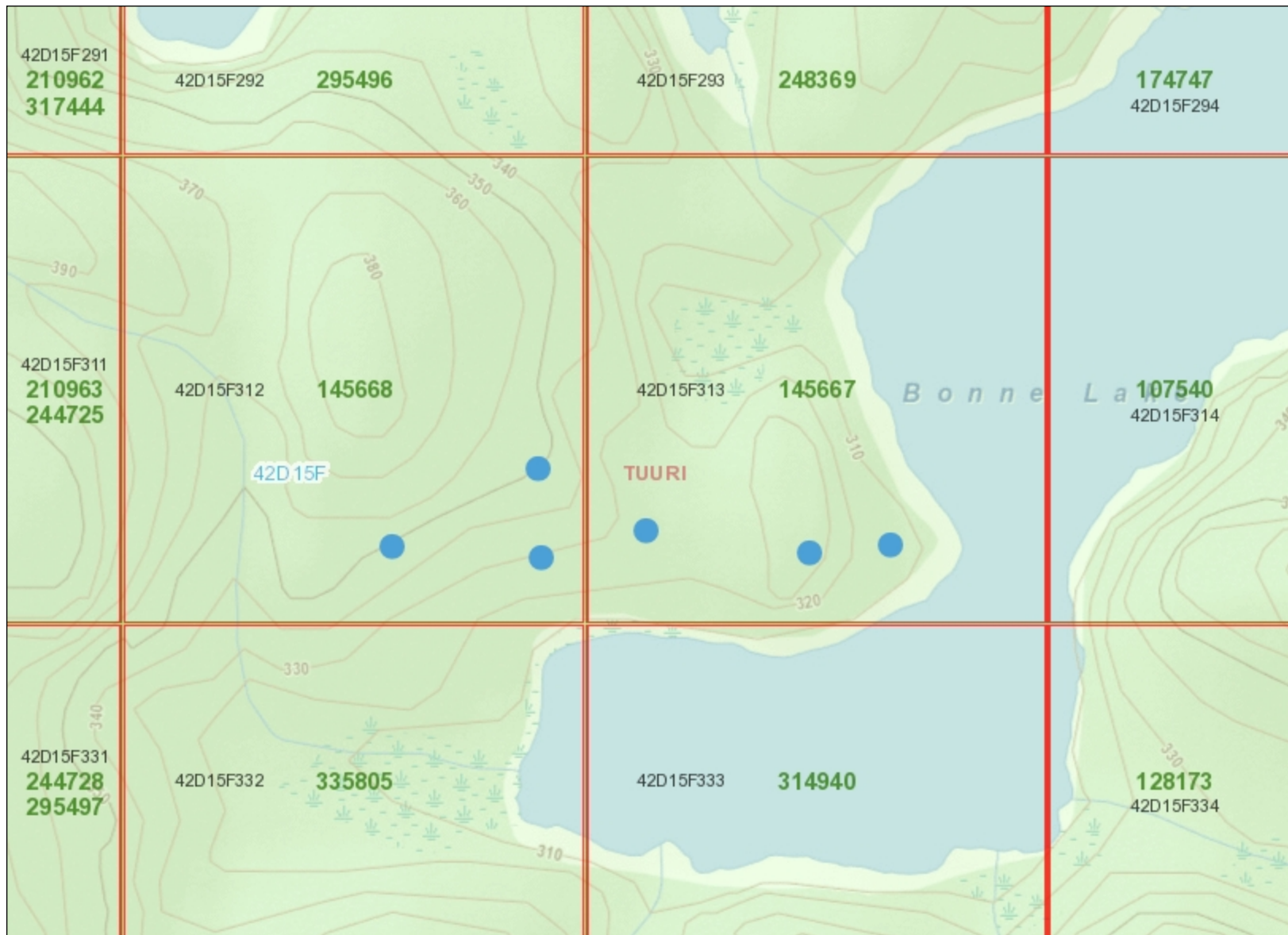
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