

The Historical Archaeology of Halifax's Earliest Defences

Jonathan Fowler

7 February 2024



Publication No. 7

THE EVOLUTION
OF THE
HALIFAX FORTRESS
1749-1928

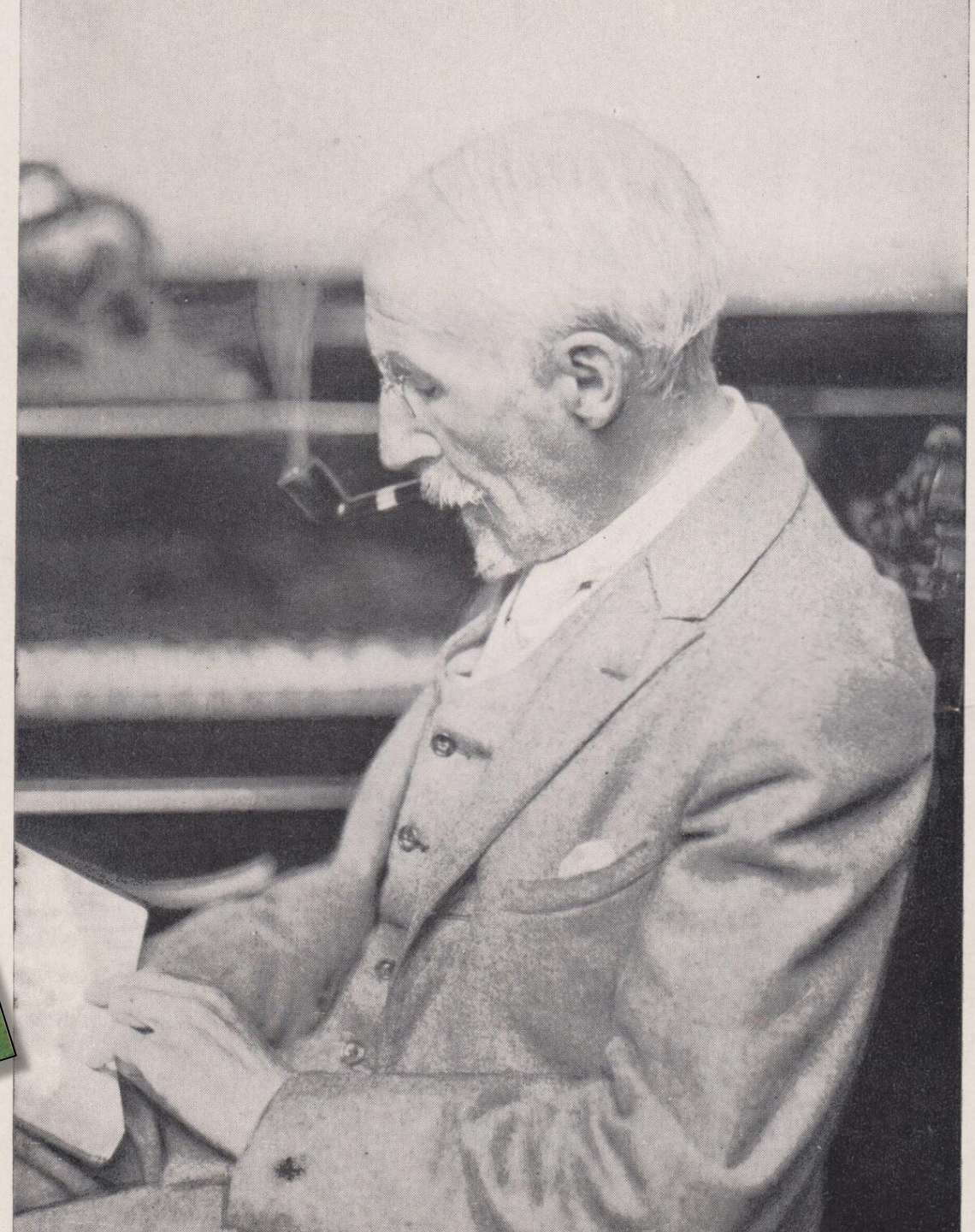
By
HARRY PIERS

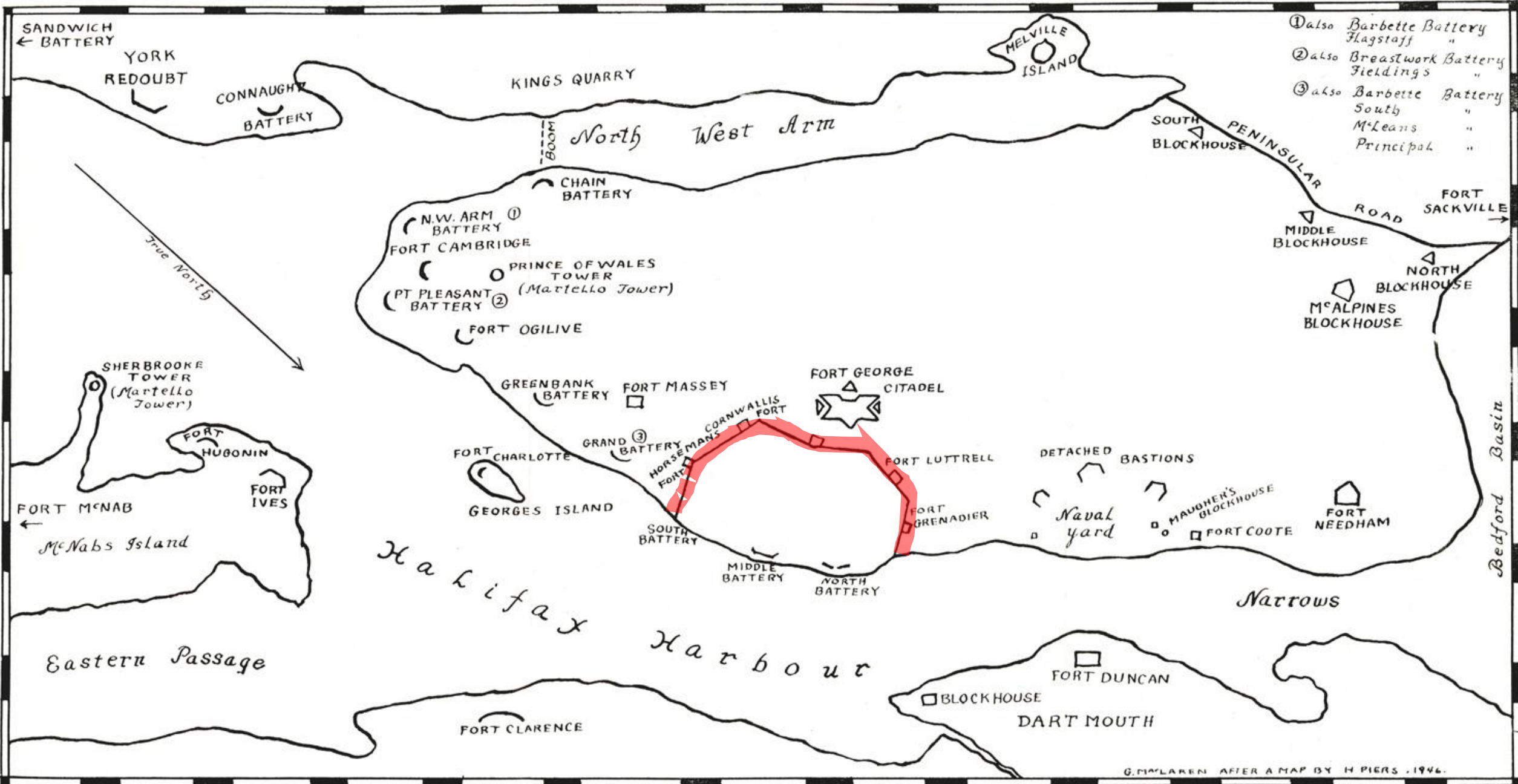
Revised, edited and completed with
appendices, bibliographies and index

By
G. M. SELF
with the assistance of
PHYLLIS BLAKELEY
Under the direction of
D. C. HARVEY
Archivist.

HALIFAX, N. S.
The Public Archives of Nova Scotia
1947

Price \$2.00

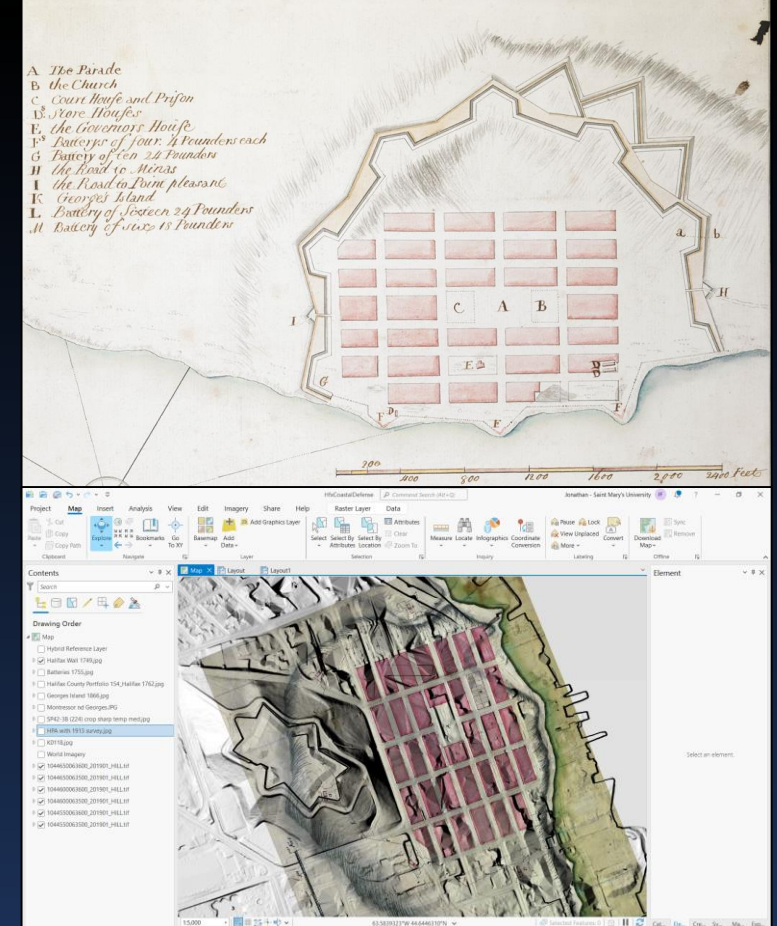
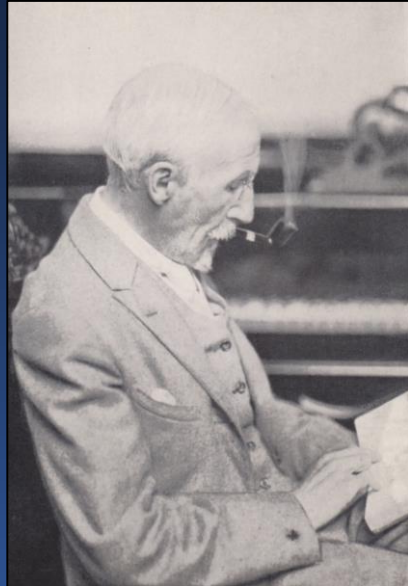




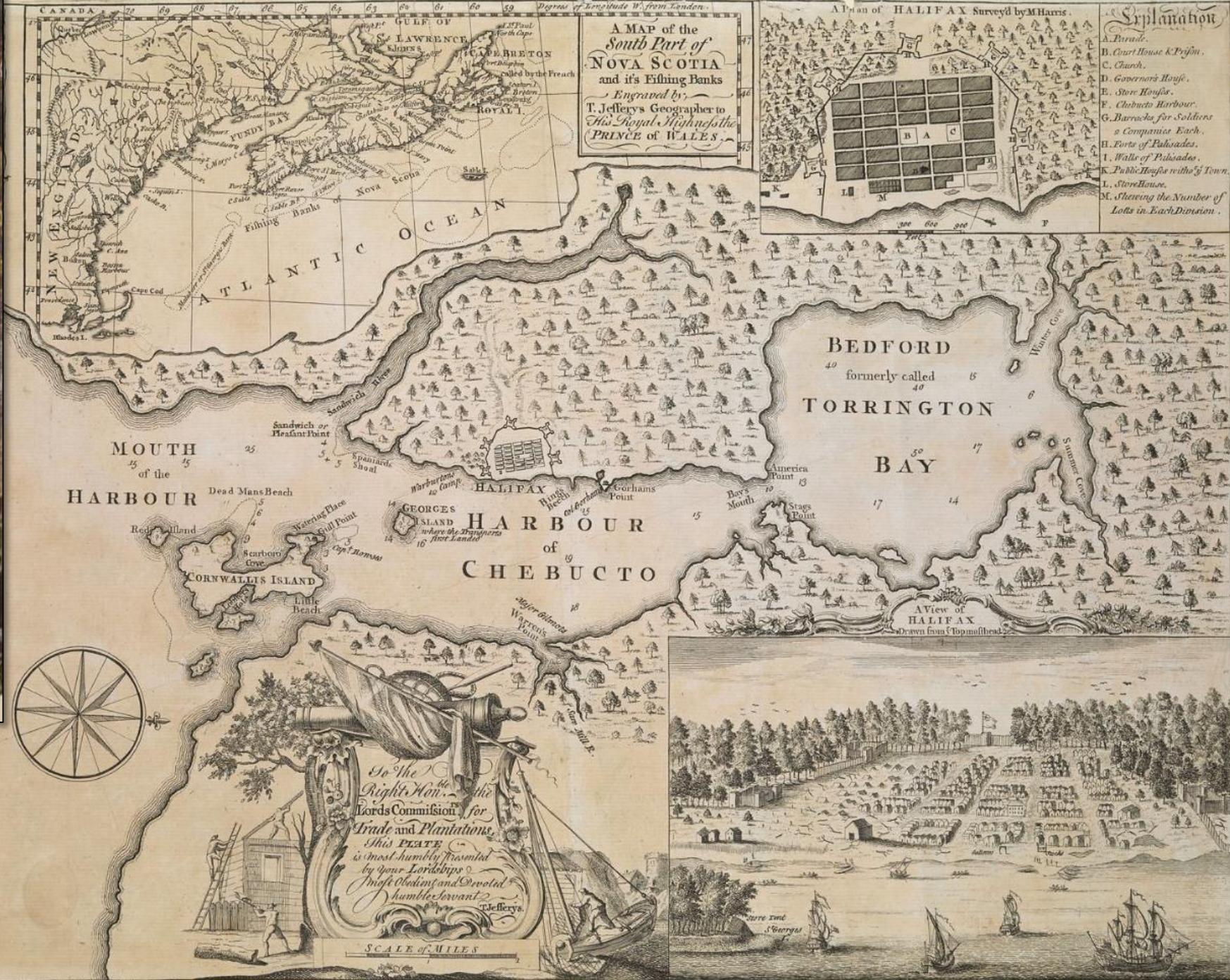
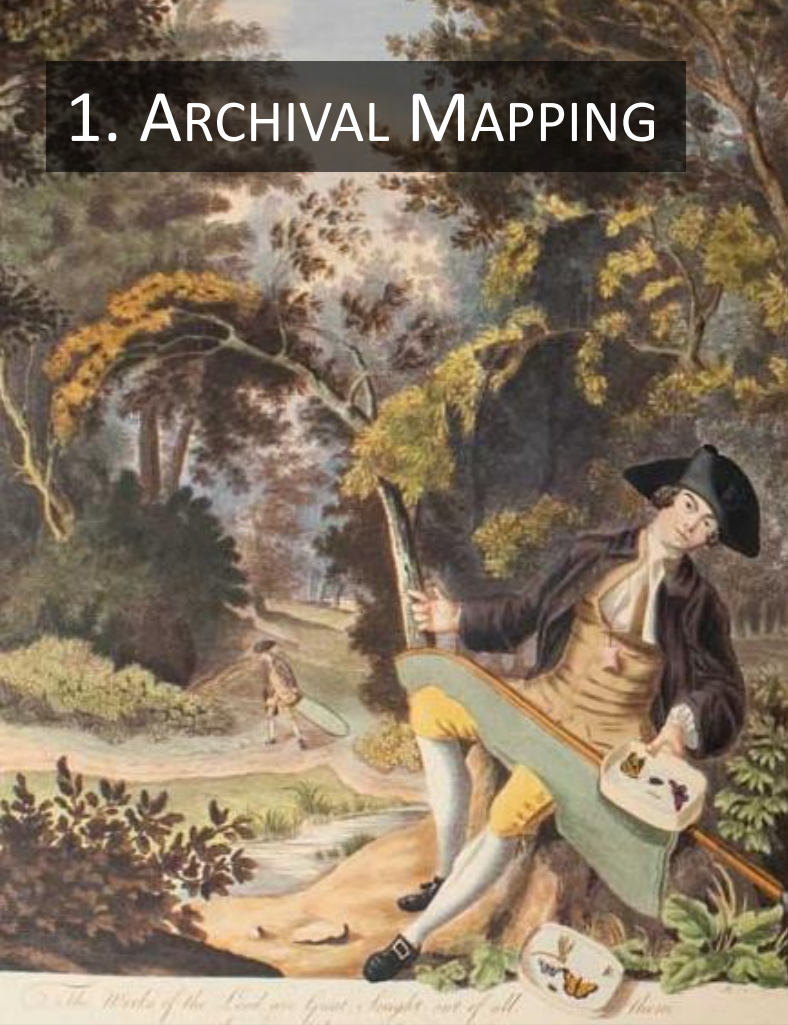
G. McILKREN AFTER A MAP BY H. PIERS . 1946.

Q: WHAT CAN WE ADD?

1. More extensive archival mapping
2. Geographic Information Systems (GIS)
3. Remote sensing technologies

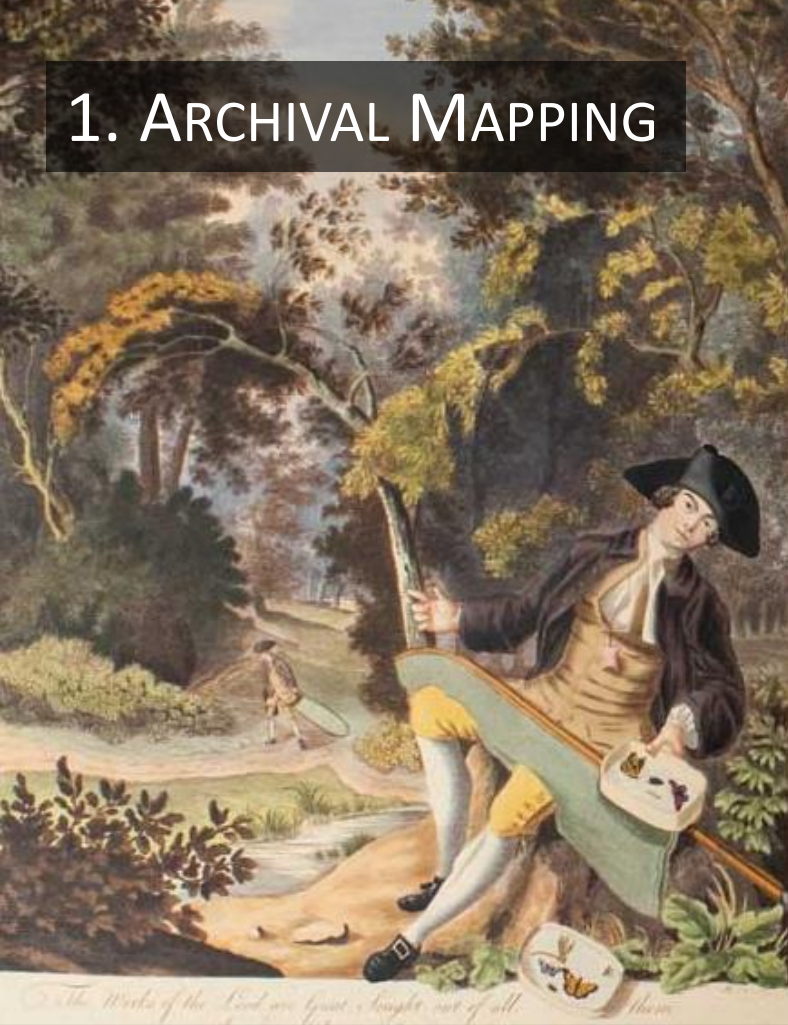


1. ARCHIVAL MAPPING

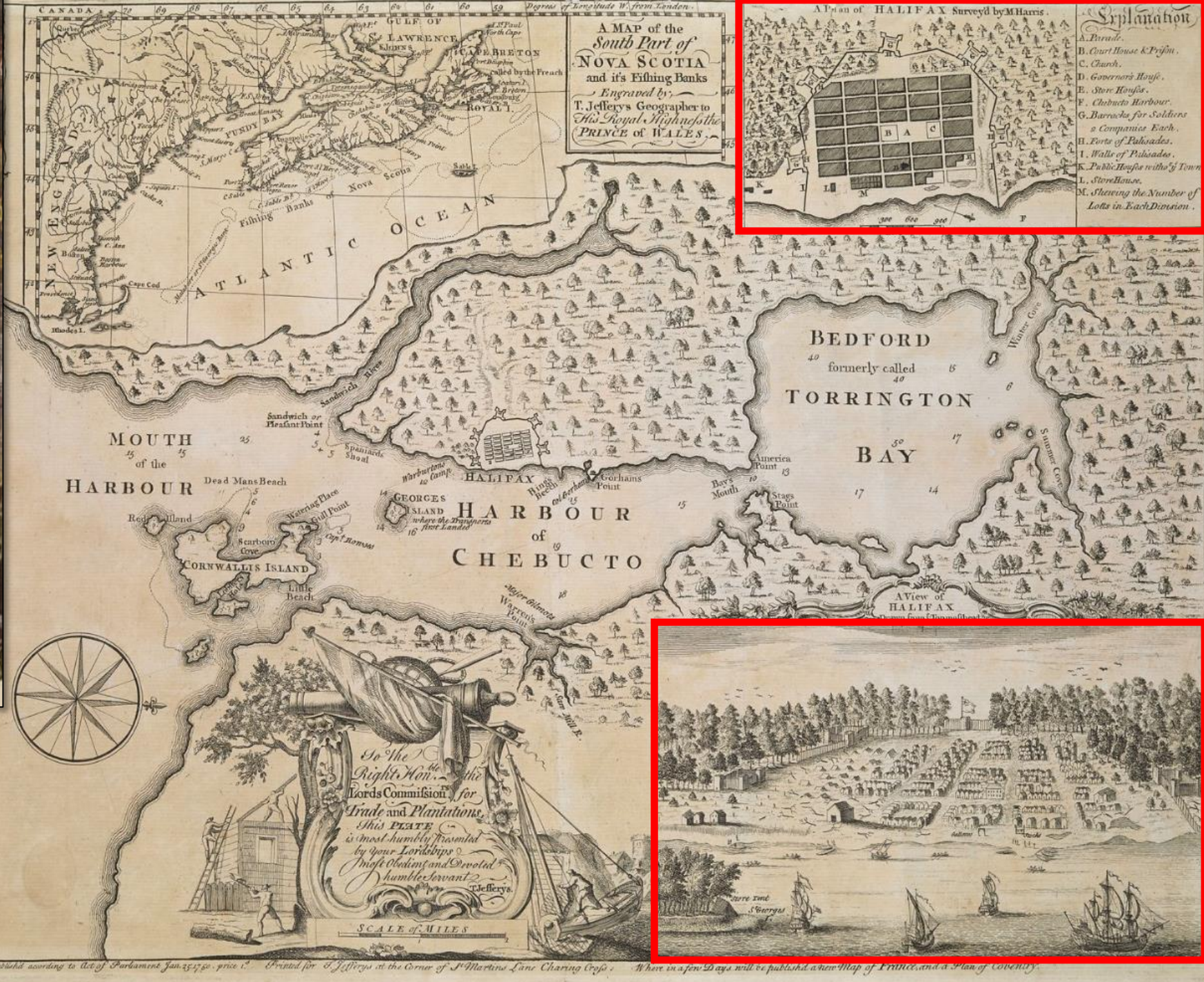


“A Map of the South Part of Nova Scotia and its Fishing Banks,” Thomas Jeffreys, 1750
British Library
K.Top.119.74

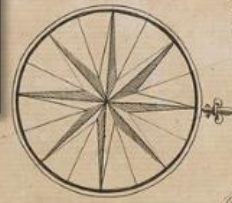
1. ARCHIVAL MAPPING



“A Map of the South Part of Nova Scotia and its Fishing Banks,” Thomas Jeffreys, 1750
British Library
K.Top.119.74



A MAP of the
South Part of
NOVA SCOTIA
and its Fishing Banks
Engraved by
T. Jeffreys Geographer to
His Royal Highness the
PRINCE of WALES



Published according to Act of Parliament Jan. 25. 1750. price 1^s. Printed for T. Jeffreys at the Corner of St. Martins Lane Charing Cross. Where in a few Days will be published a new Map of FRANCE, and a Plan of COVENTRY.

1. ARCHIVAL MAPPING



Cornwallis' Fort

Citadel

Fort Luttrell?

Horseman's Fort

Fort Grenadier

Store Tent
S' Georges

Gallows

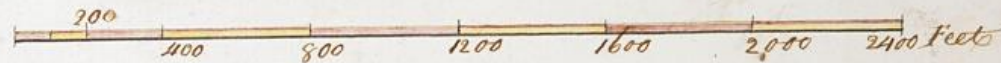
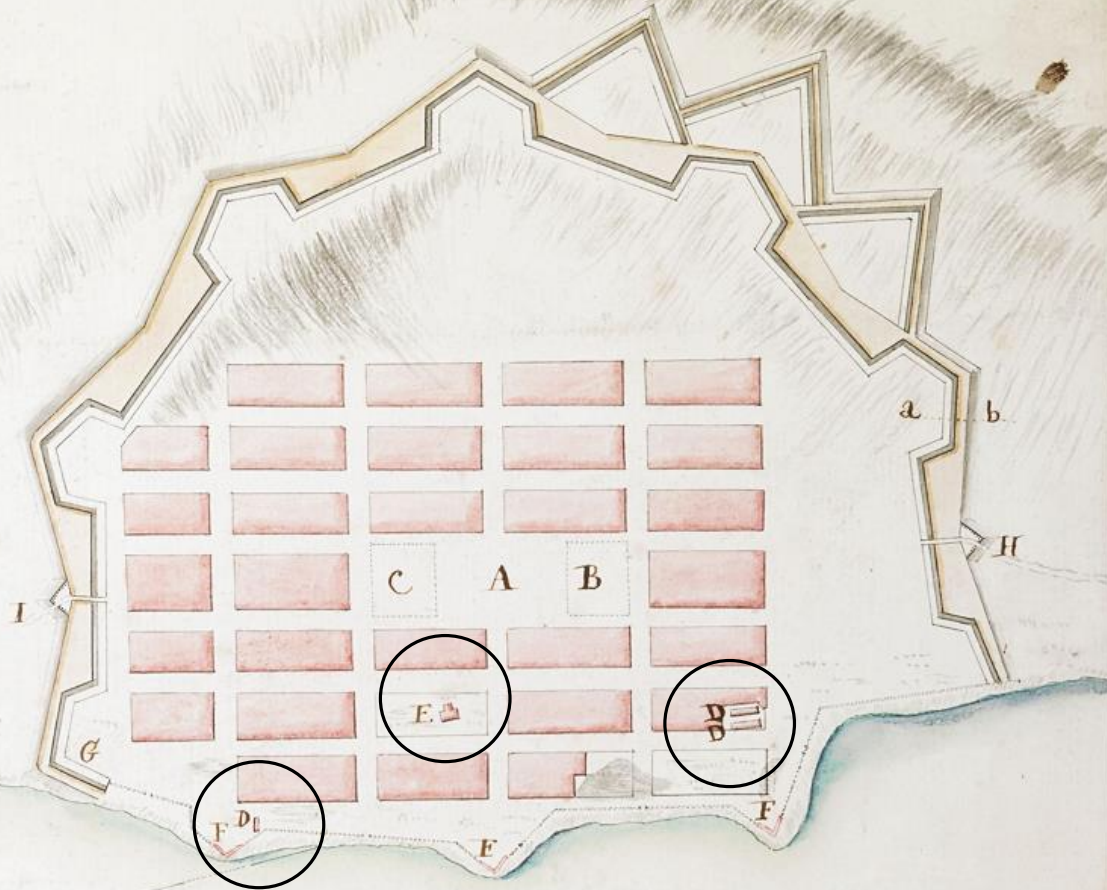
Sticks

1. ARCHIVAL MAPPING

PROJECT
for Fortifying the Town of
HALLIFAX;
in NOVA SCOTIA.

1749
Jr. Brewse

- A The Parade
- B the Church
- C Court House and Prison
- D^s Store Houses
- E the Governours House
- F^s Batterys of four 4 Pounds each
- G Battery of ten 24 Pounds
- H the Road to Minas
- I the Road to Point pleasant
- K Georges Island
- L Battery of Sixteen 24 Pounds
- M Battery of six 18 Pounds



“Project for Fortifying the Town of Hallifax; in Nova Scotia,”
John Brewse, 1749
Norman B. Leventhal Map & Education Center

Section Thro' a.b.



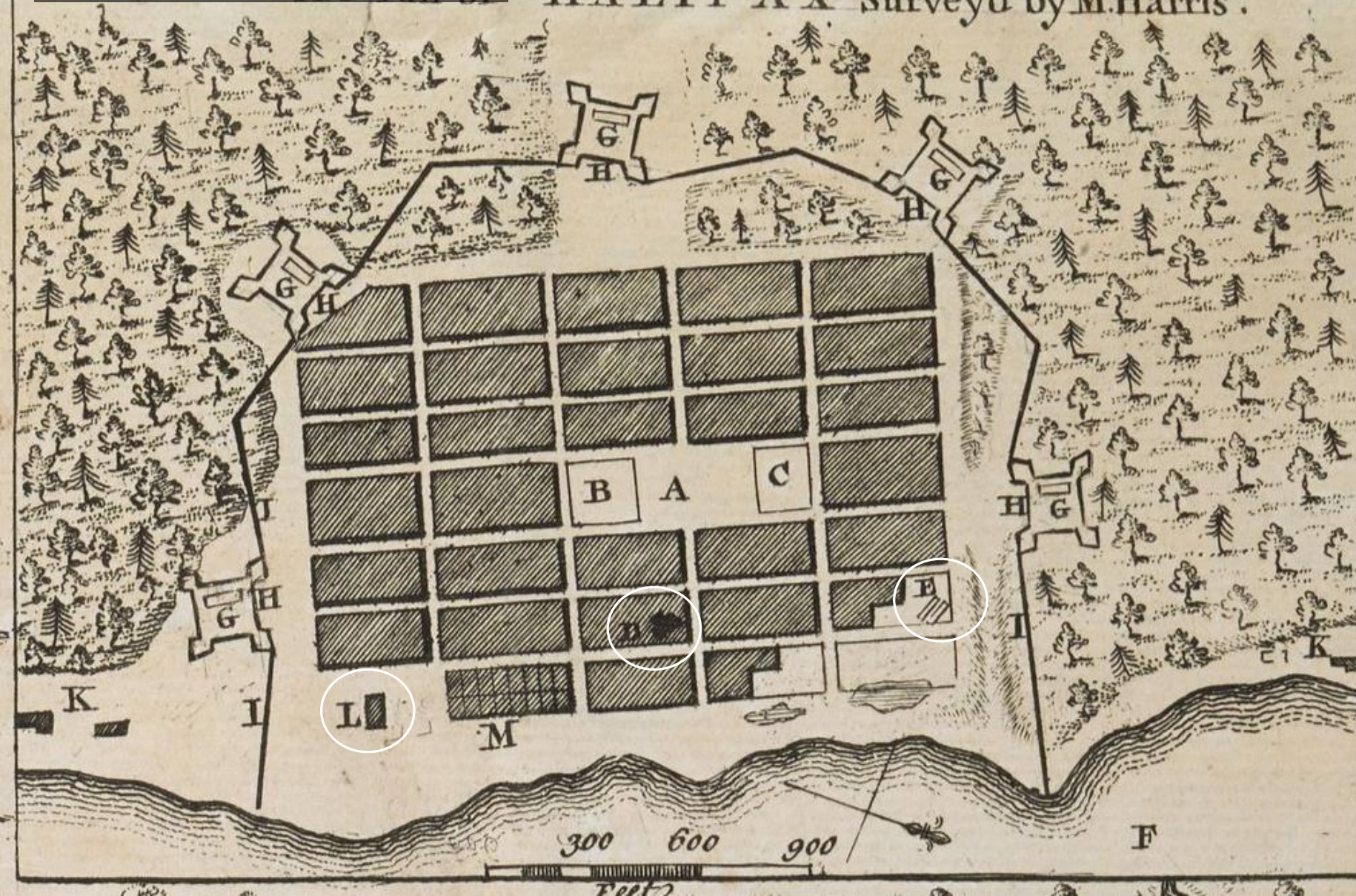
20

1. ARCHIVAL MAPPING

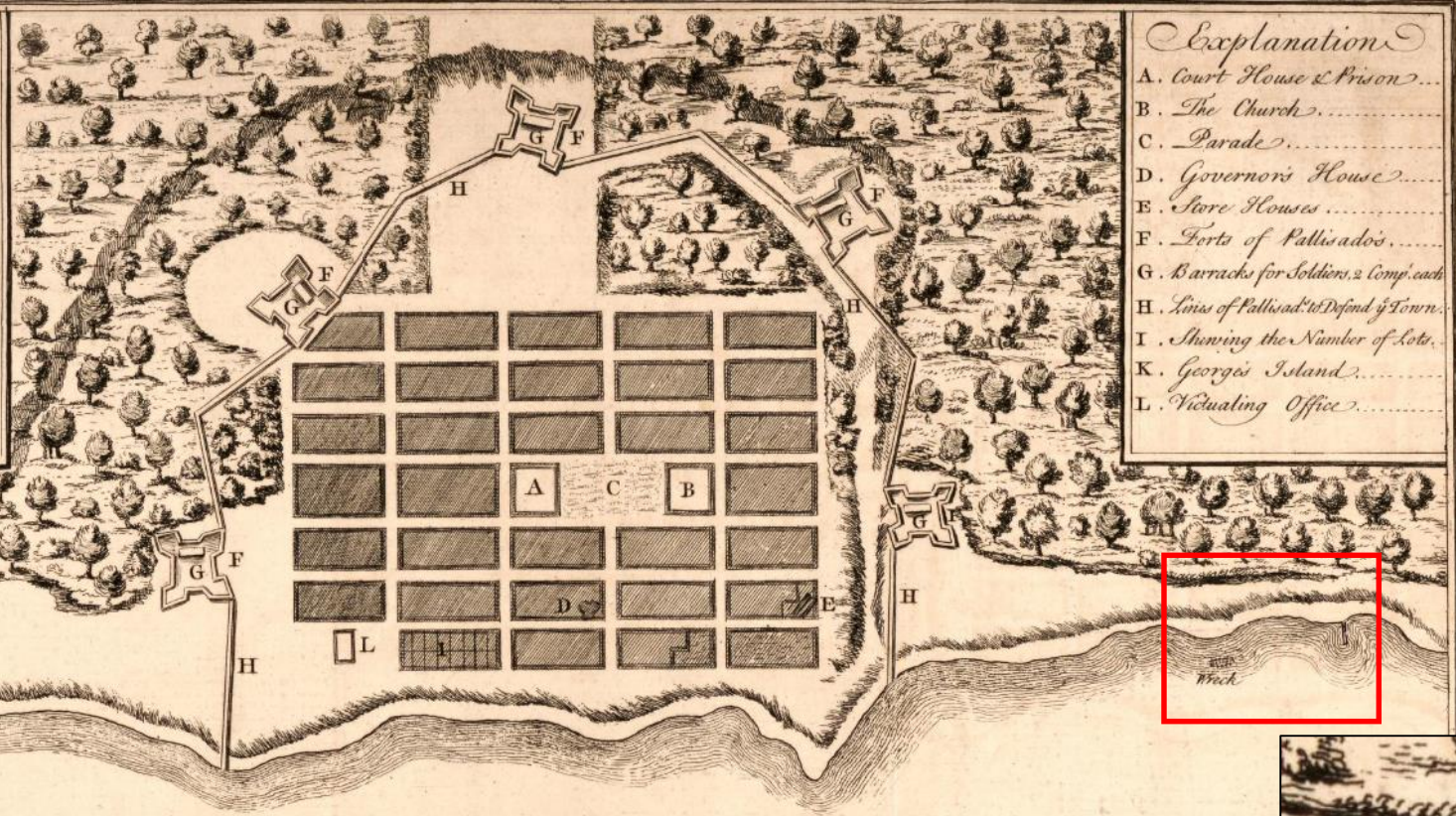
HALIFAX Survey'd by M. Harris.

Explanation

- A. Parade.
- B. Court House & Prison.
- C. Church.
- D. Governor's House.
- E. Store Houses.
- F. Chebucto Harbour.
- G. Barracks for Soldiers
2 Companies Each.
- H. Forts of Palisades.
- I. Walls of Palisades.
- K. Public Houses with^y Town.
- L. Store House.
- M. Shewing the Number of
Lotts in Each Division.



A PLAN
of the Town of
HALIFAX,
IN
NOVA SCOTIA.
By
M. Harris.
1749.



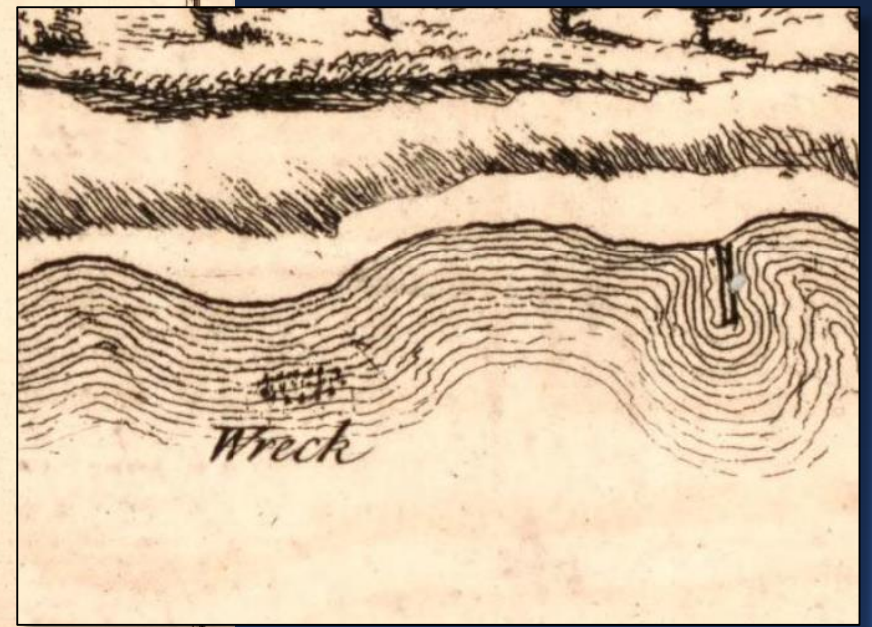
Explanation
A. Court House & Prison
B. The Church
C. Parade
D. Governour's House
E. Store Houses
F. Forts of Palisado's
G. Barracks for Soldiers, 2 Comp. each
H. Lines of Palisad. to Defend y^e Town
I. Shewing the Number of Lots
K. George's Island
L. Victualing Office

1. ARCHIVAL MAPPING

"A plan of the town of Halifax in Nova Scotia," Moses Harris, 1749
Library of Congress
G3424.H2 1749 .H3

CHIBUCTO

HARBOUR



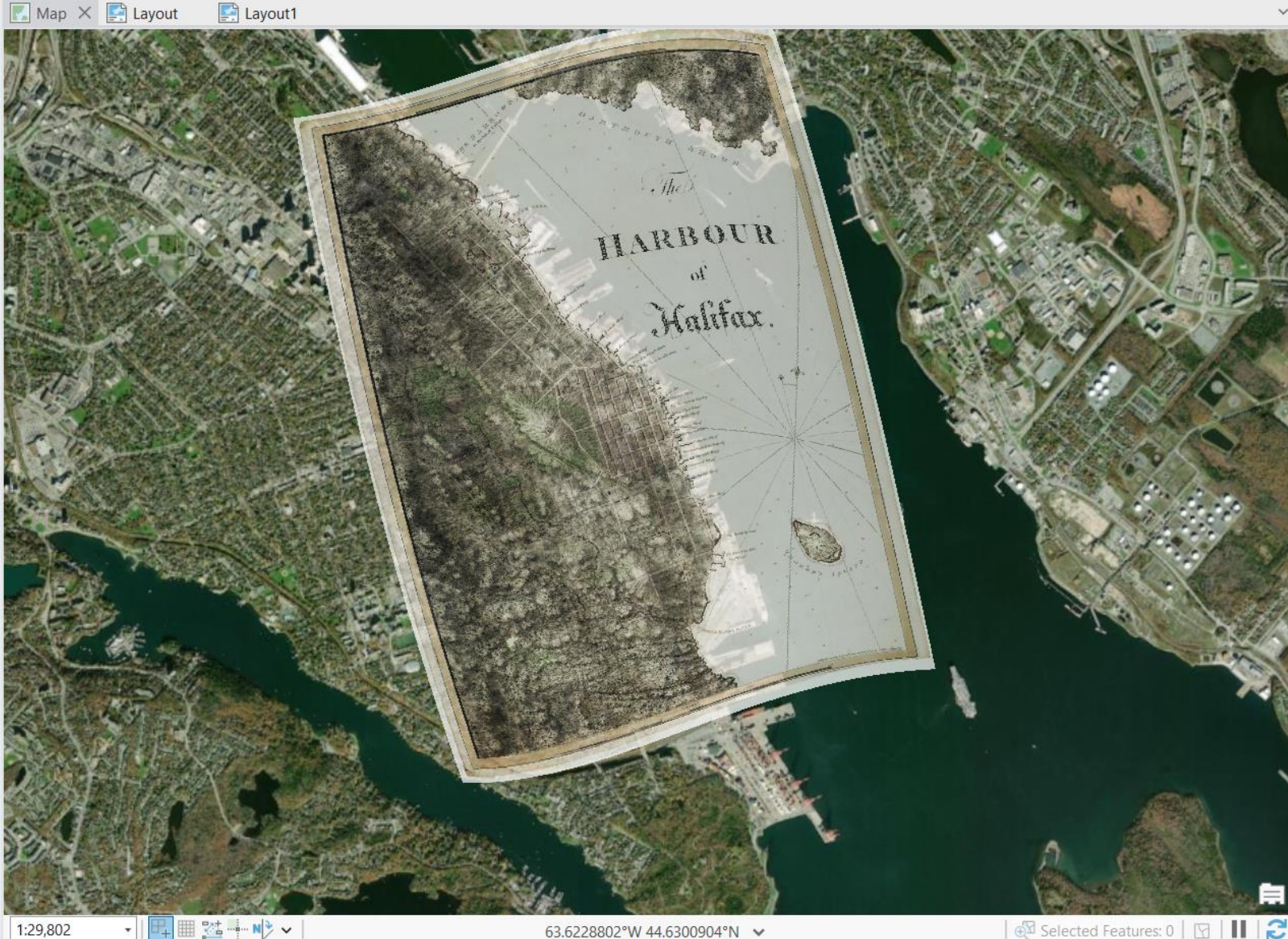
2. GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Contents

Search

Drawing Order

- Map
- Hybrid Reference Layer
- HPA with 1913 survey.jpg
- Halifax Wall 1749.jpg
- Batteries 1755.jpg
- Halifax County Portfolio 154_Halifax...
- Georges Island 1866.jpg
- Montessor nd Georges.JPG
- SP42-38 (224) crop sharp temp med....
- K0118.jpg**
- World Imagery
- 1044650063600_201901_HILL.tif
- 1044650063500_201901_HILL.tif
- 1044600063600_201901_HILL.tif
- 1044600063500_201901_HILL.tif
- 1044550063600_201901_HILL.tif
- 1044550063500_201901_HILL.tif



Symbology - K0118.jpg

Primary symbology

RGB

Red: Band_1

Green: Band_2

Blue: Band_3

Alpha: None

Invert

Stretch type: Percent Clip

Min: 0.500 Max: 0.500

Gamma: 0.9 0.9 0.9

Statistics Mask

Statistics: Dataset

Options

	Min	Max	M
Red	0	255	17
Green	0	255	17
Blue	0	255	15

2. GIS

“The Harbour of
Halifax,” J.F.W.
DesBarres,
1777
National Maritime
Museum
HNS46E



2. GIS



2. GIS

- 10. Magasin des vivres au camp
 - 11. Casernes
 - 12. Place d'armes
 - 13. Eglise
 - 14. Corps de Casernes
 - 15. Casernes du Gouvernement
 - 16. Cimetiére
 - 17. faubourg de St. Charles
 - 18. faubourg de St. Louis
 - 19. Rue de la grande St. Charles
 - 20. Rue de la grande St. Louis
 - 21. Casernes
 - V. Magasin des vivres au camp
 - et faubourg de St. Charles
23. Eglise des Jacobins- 24. Casernes de St. Louis



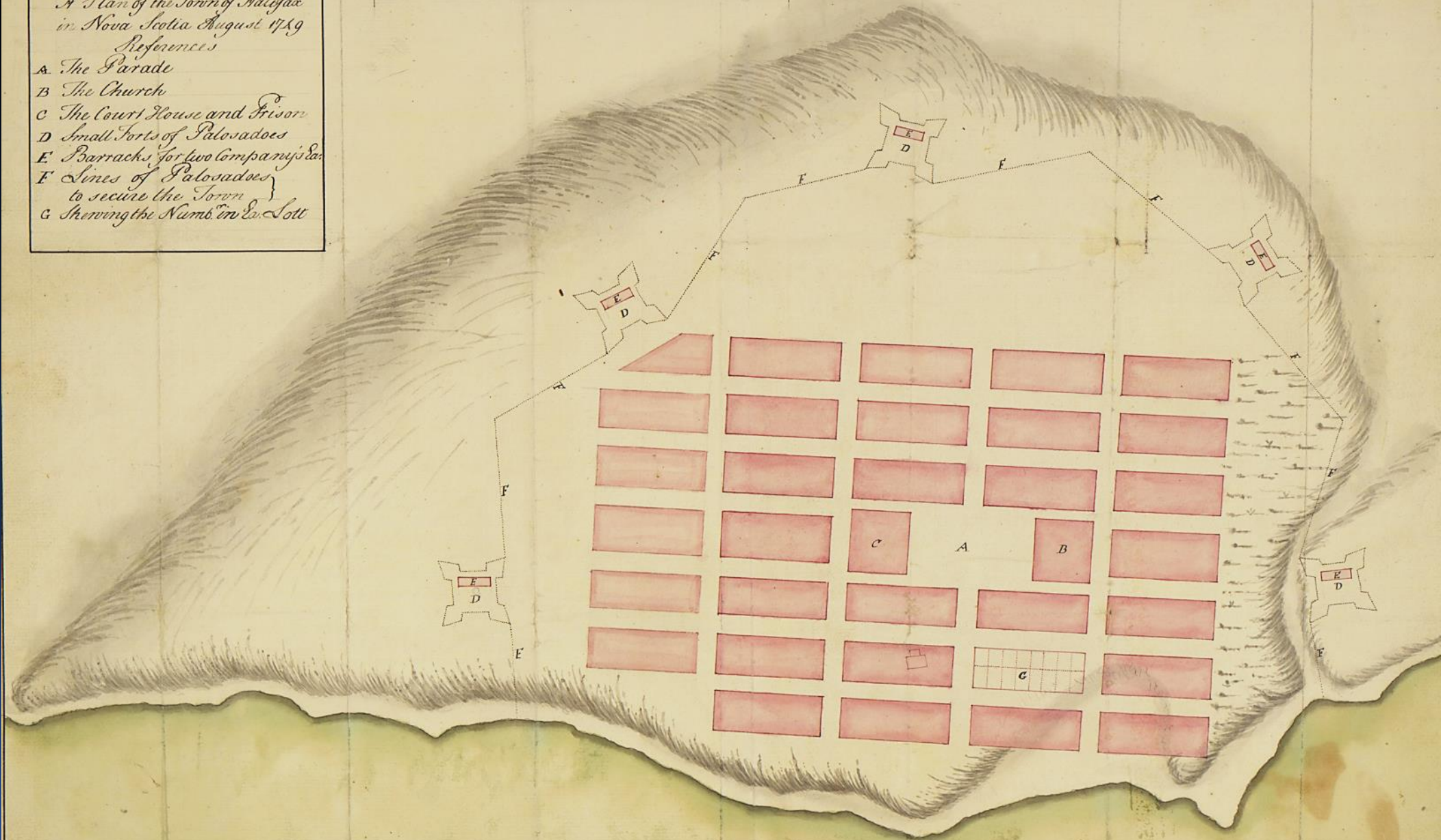
2. GIS

*A Plan of the Town of Halifax
in Nova Scotia August 1749*

References

- A The Parade*
- B The Church*
- C The Court House and Prison*
- D Small Forts of Palisadoes*
- E Barracks for two Companies each*
- F Lines of Palisadoes to secure the Town*
- G Shewing the Numb. in Ea. Lot*

100 50 100 200 300 400 500 Feet



“A plan of the town of Halifax in Nova Scotia August 1749.”
Anon. (Brewse)
William L. Clements Library
7490

2. GIS

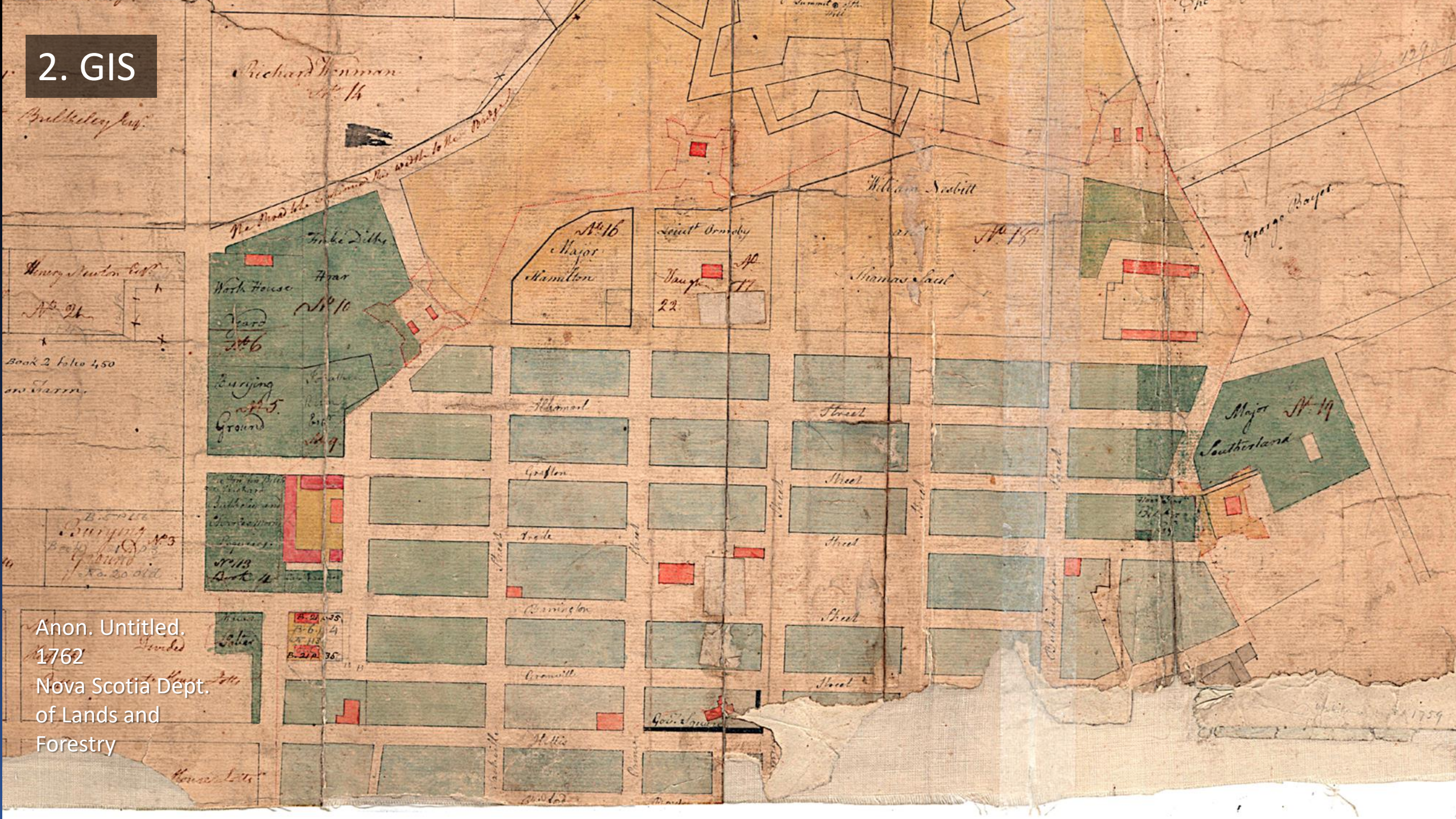
*A Plan of the Town of Halifax
in Nova Scotia August 1749*

References

- A Parade*
- B The Church*
- C The Court House and Prison*
- D Small Forts of Palisades*
- E Barracks for two Companies*
- F Lines of Palisades to secure the Town*
- G Marking the Number in Ea. Lot*

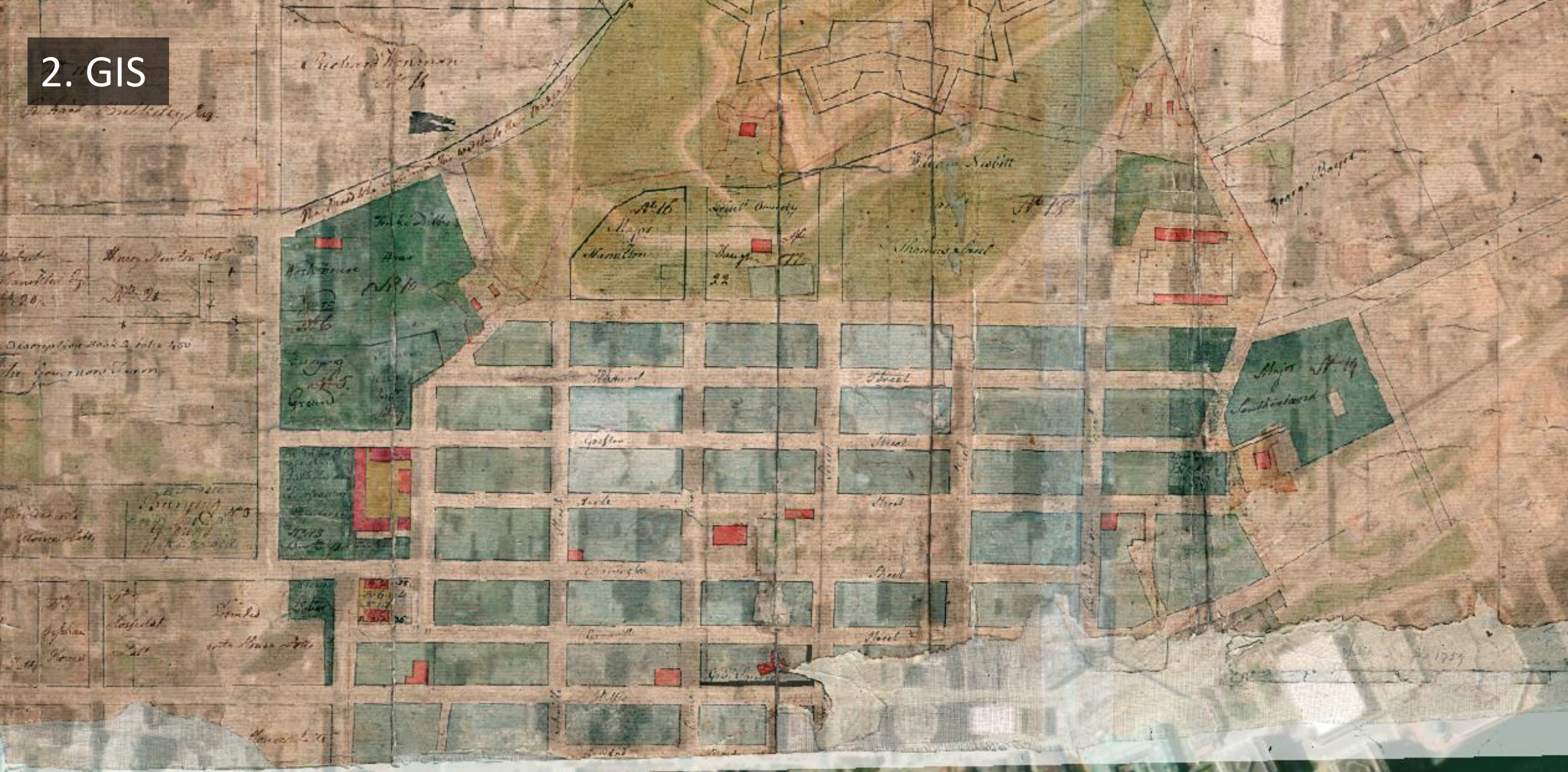


2. GIS

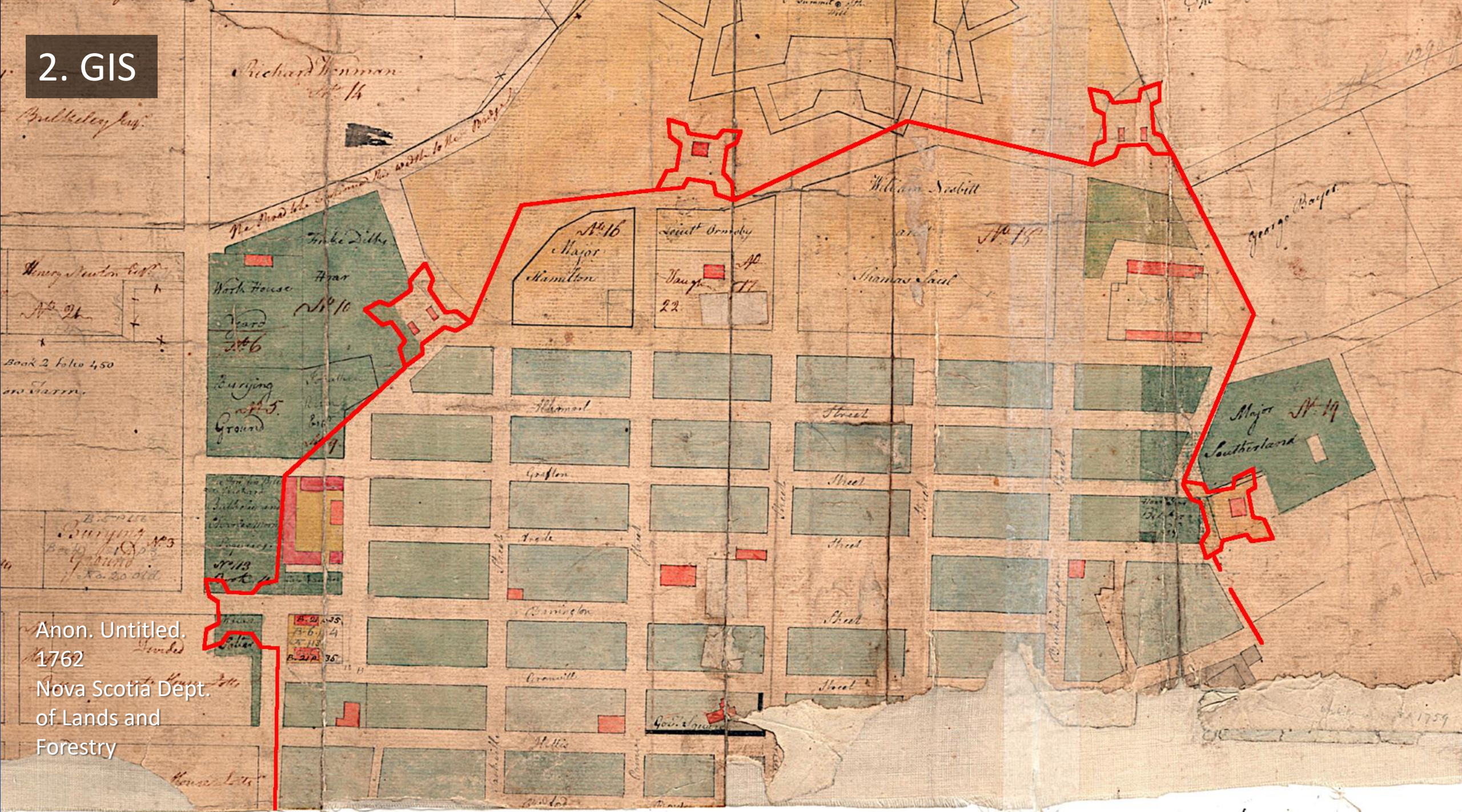


Anon. Untitled.
1762
Nova Scotia Dept.
of Lands and
Forestry

2. GIS



2. GIS



Anon. Untitled.
1762
Nova Scotia Dept.
of Lands and
Forestry

2. GIS



1762 Map Town
Wall over
modern



2. GIS

*Map of Halifax
in the Province
of Nova Scotia
as and Prison
of Pictouadaes
for comparison
of Pictouadaes
in Town of
Numb in the Salt*

1762 Map Town
Wall over
Brewse 1749

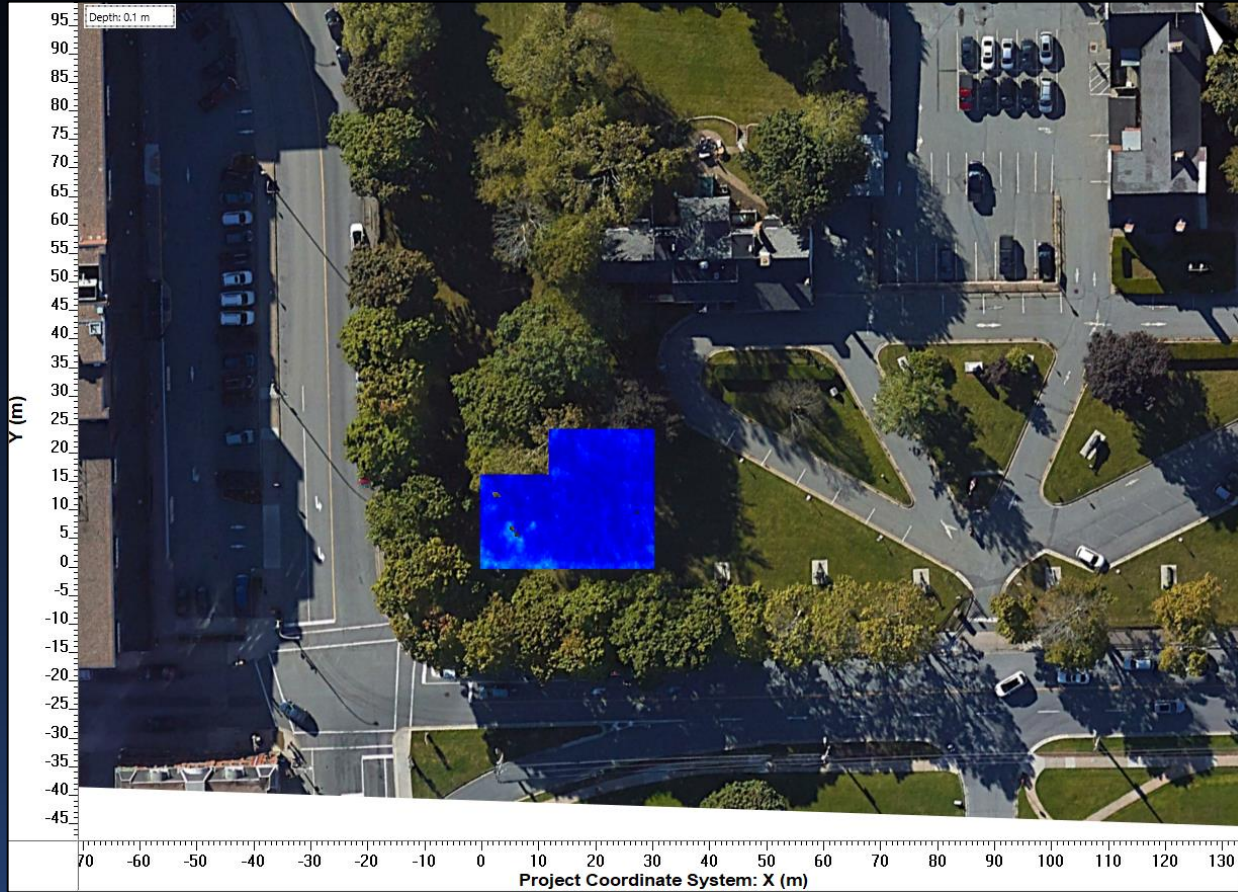
2. GIS

- 7. Bastion de la Citadelle de la Ville de Québec
 - 8. Batterie du côté du Nord
 - 9. Batterie plus nord
 - 10. Magasin des Vins du côté du Nord
 - 11. Casernes
 - 12. Place d'Armes
 - 13. Eglise
 - 14. Corps de Cadettes
 - 15. Maison du Gouverneur
 - 16. Cimetiére
 - 17. Faubourg de la Citadelle
 - 18. Faubourg du côté du Nord
 - 19. Rue de la longueur N. S. S.
 - 20. Rue de la largeur E. S. O.
 - 21. Salissades
 - V. Magasin d'Artillerie de la Citadelle
 - VI. Palais de la Citadelle
22. Logis du Gouverneur
23. Casernes de la Citadelle

1762 Map Town Wall over Spy 1755



3. REMOTE SENSING

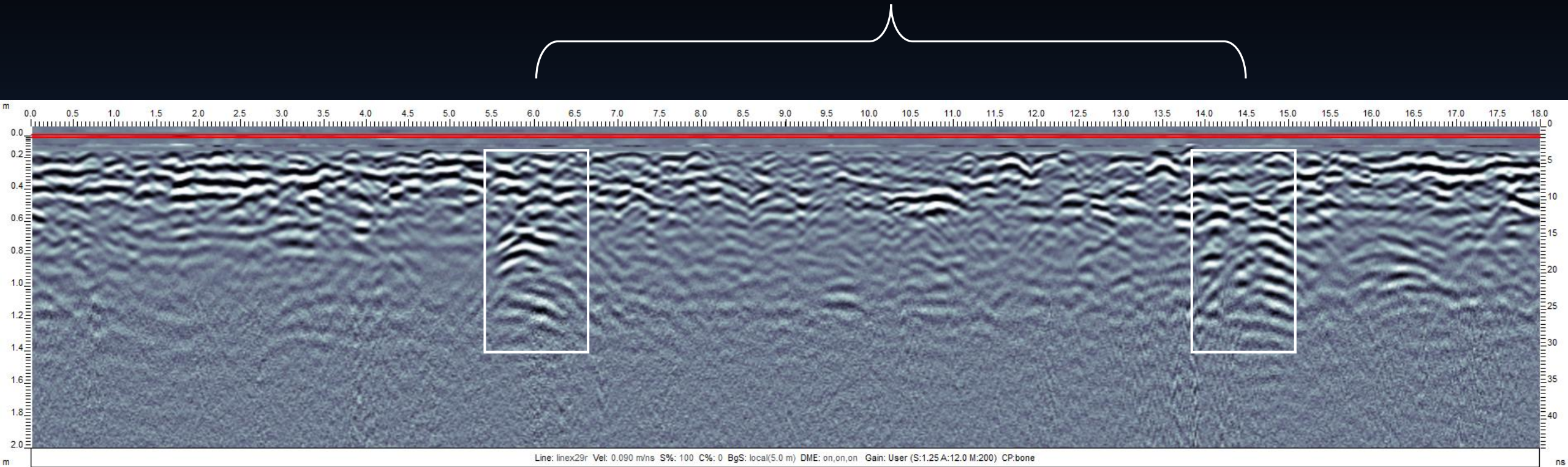


Noggin 500 GPR
Prospection Survey
August 2018
50cm interline spacing



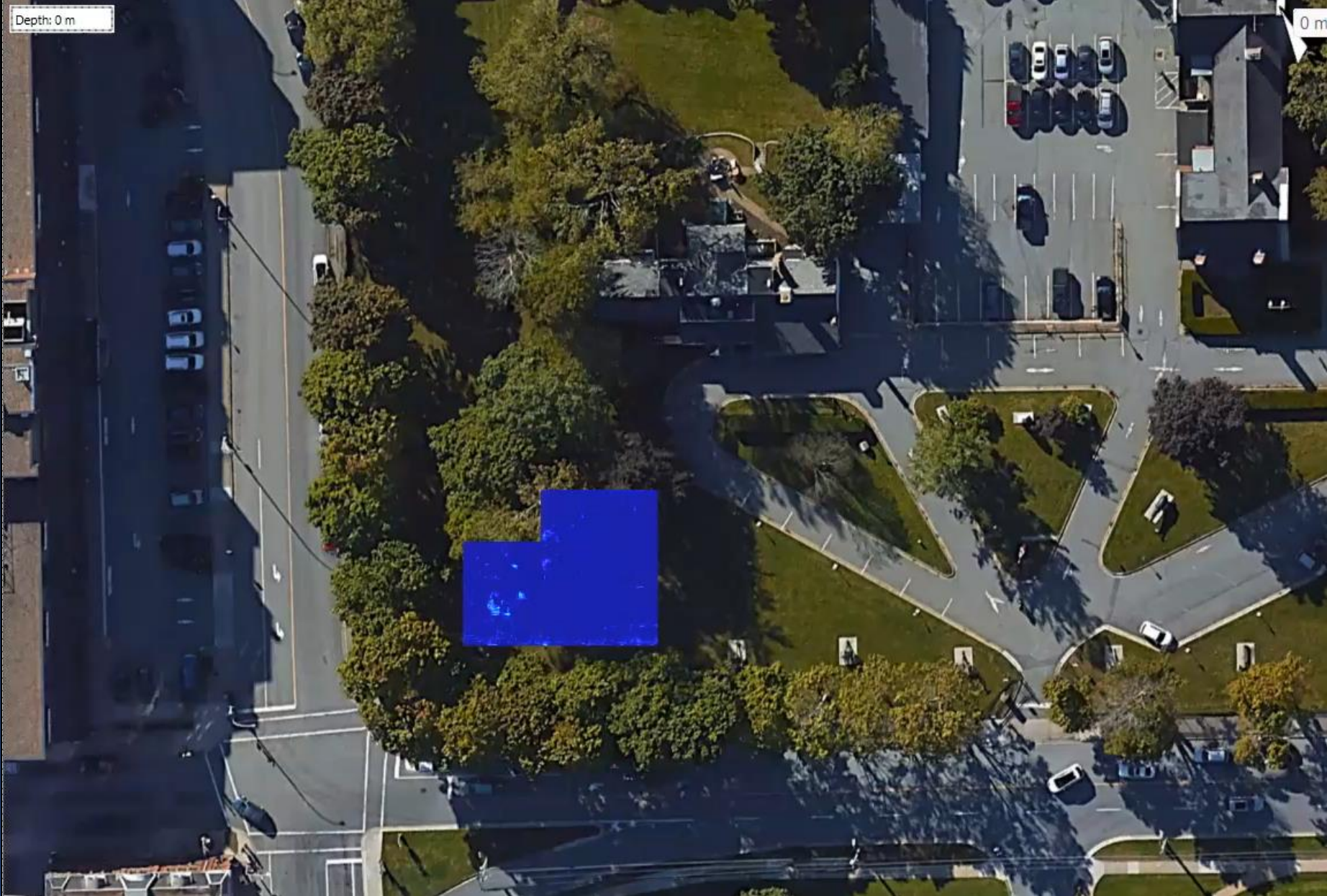
3. REMOTE SENSING

ca. 8.5m (28 feet)



Buried stone walls in 2D data (Radargram)

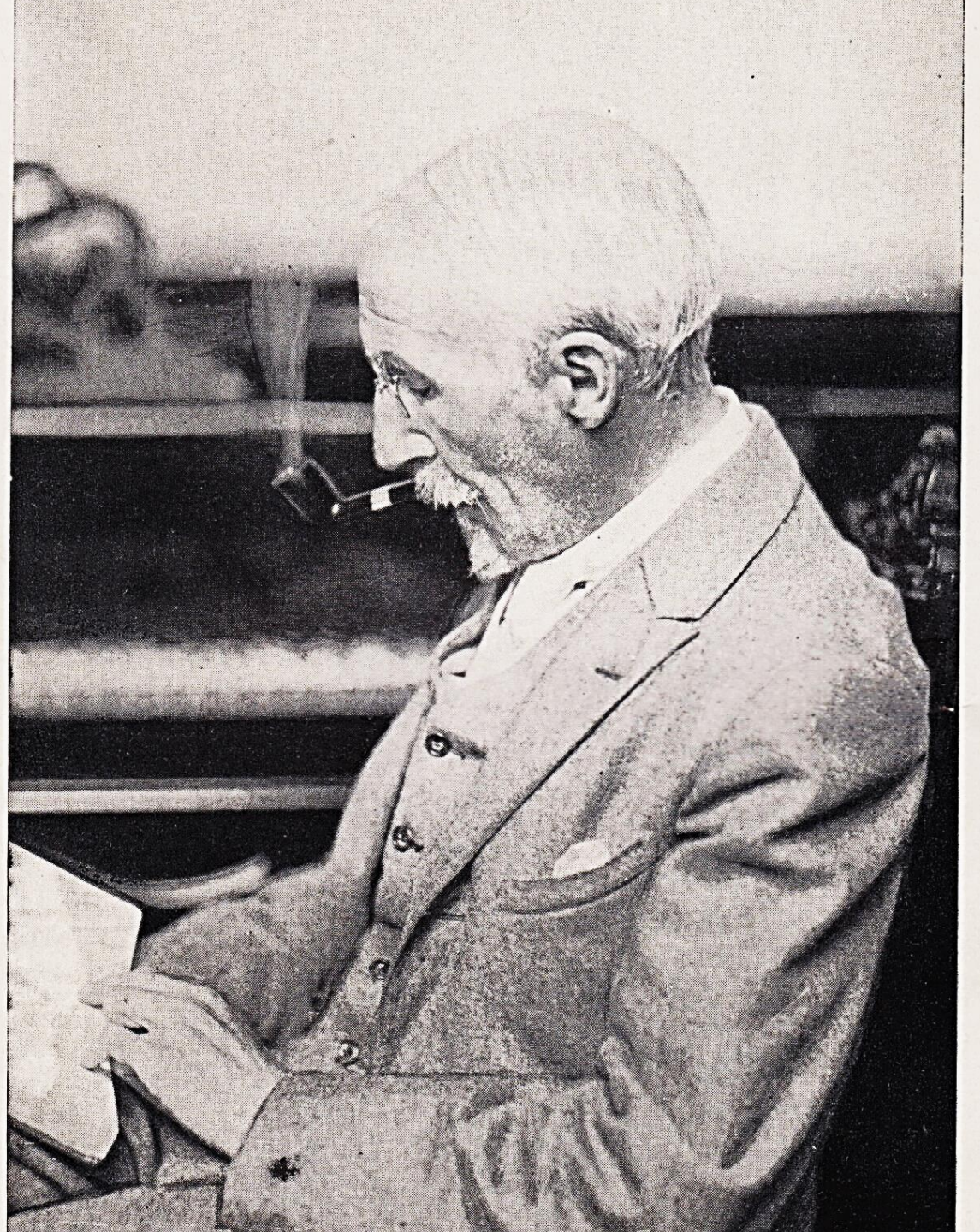
3. REMOTE SENSING



3. REMOTE SENSING



Hopkins City Atlas, 1878

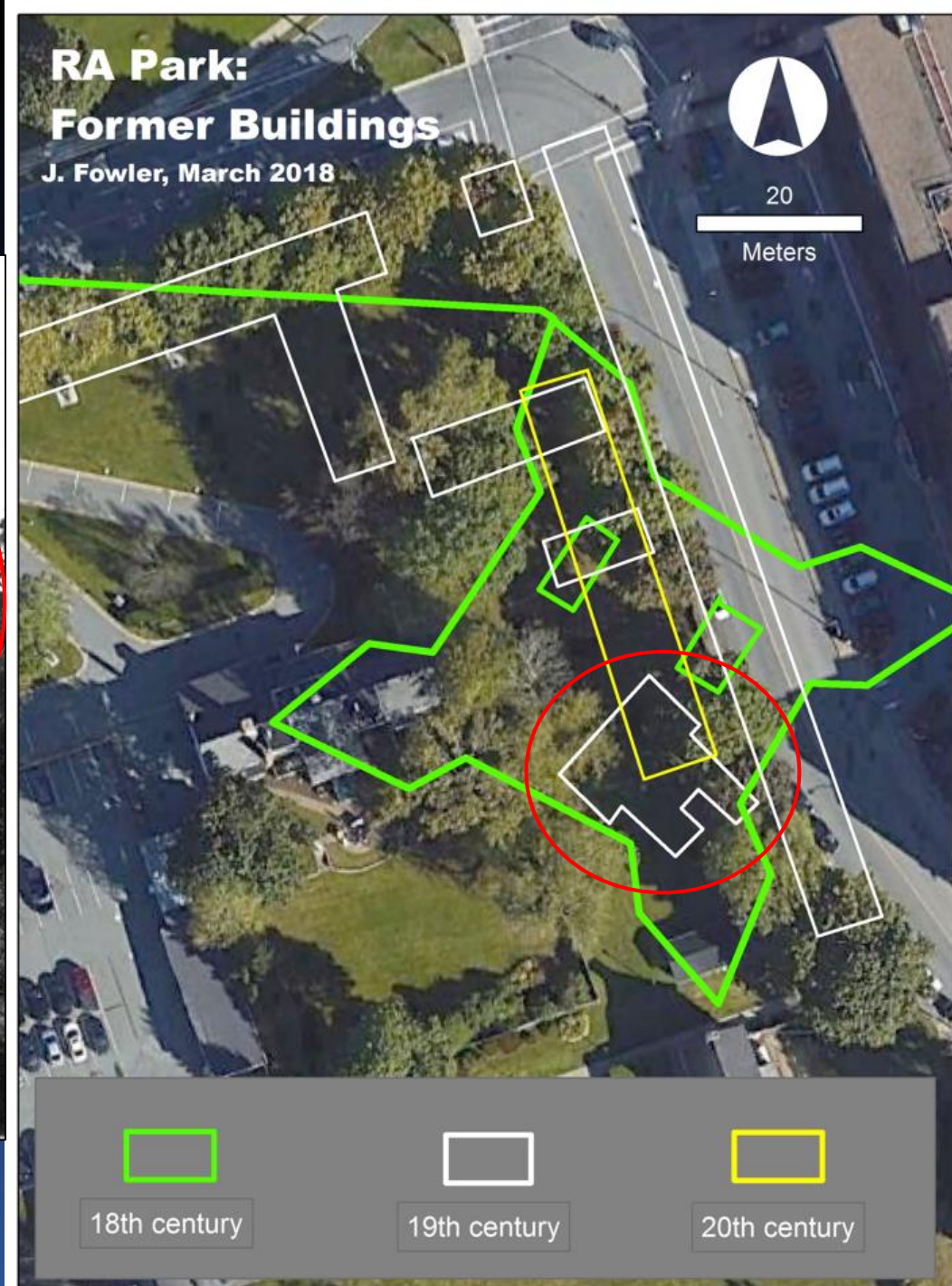




DIRECTIONS FOR FUTURE RESEARCH



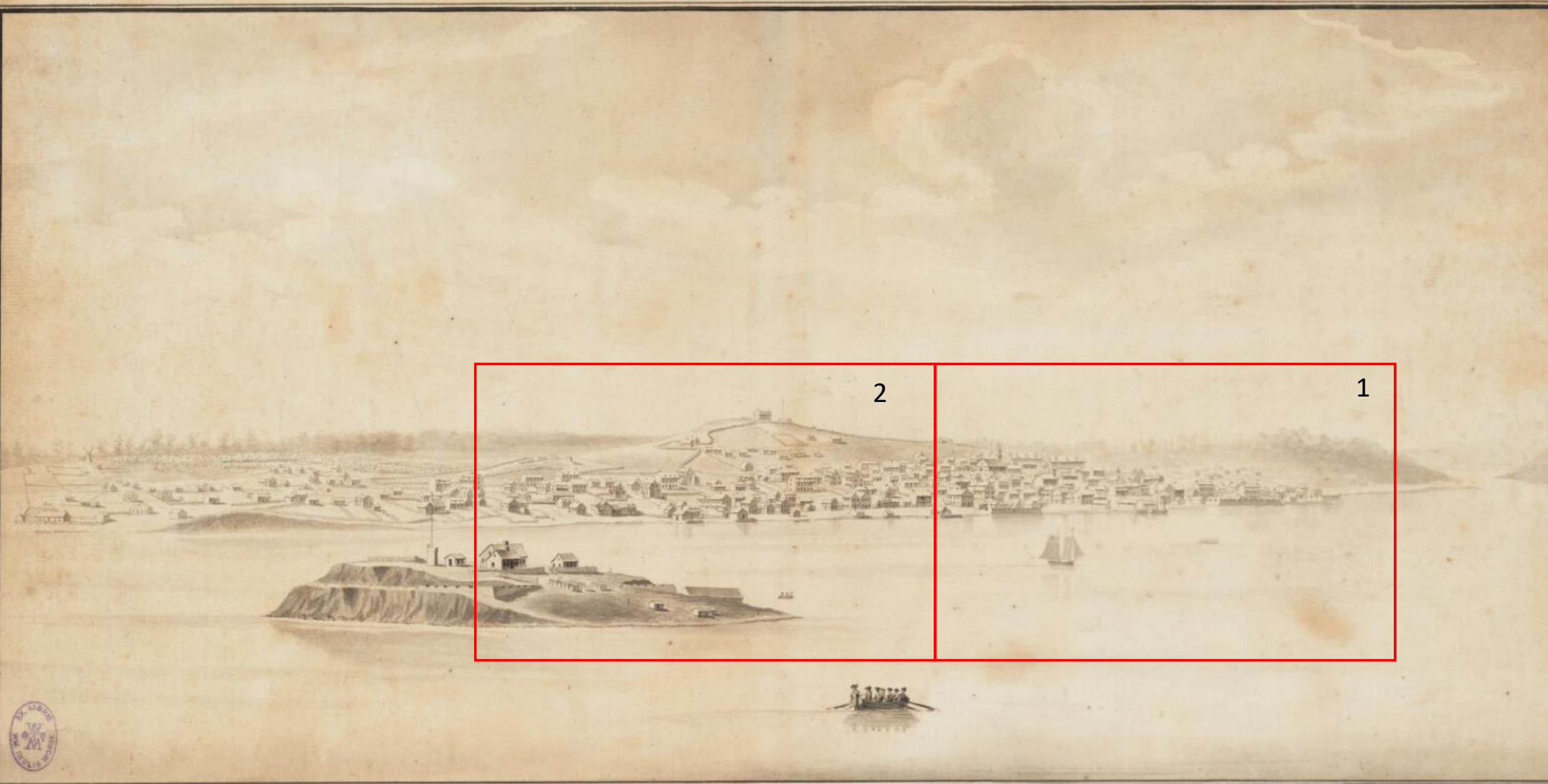
Royal Engineers Nova Scotia Archives number 6877 (Piers 78)



"Halifax in Nova Scotia," Anon. n.d. Harvard Map Collection, G3424_H2A3_1780_M6



HALIFAX in NOVA SCOTIA



2

1





Fort Luttrell?

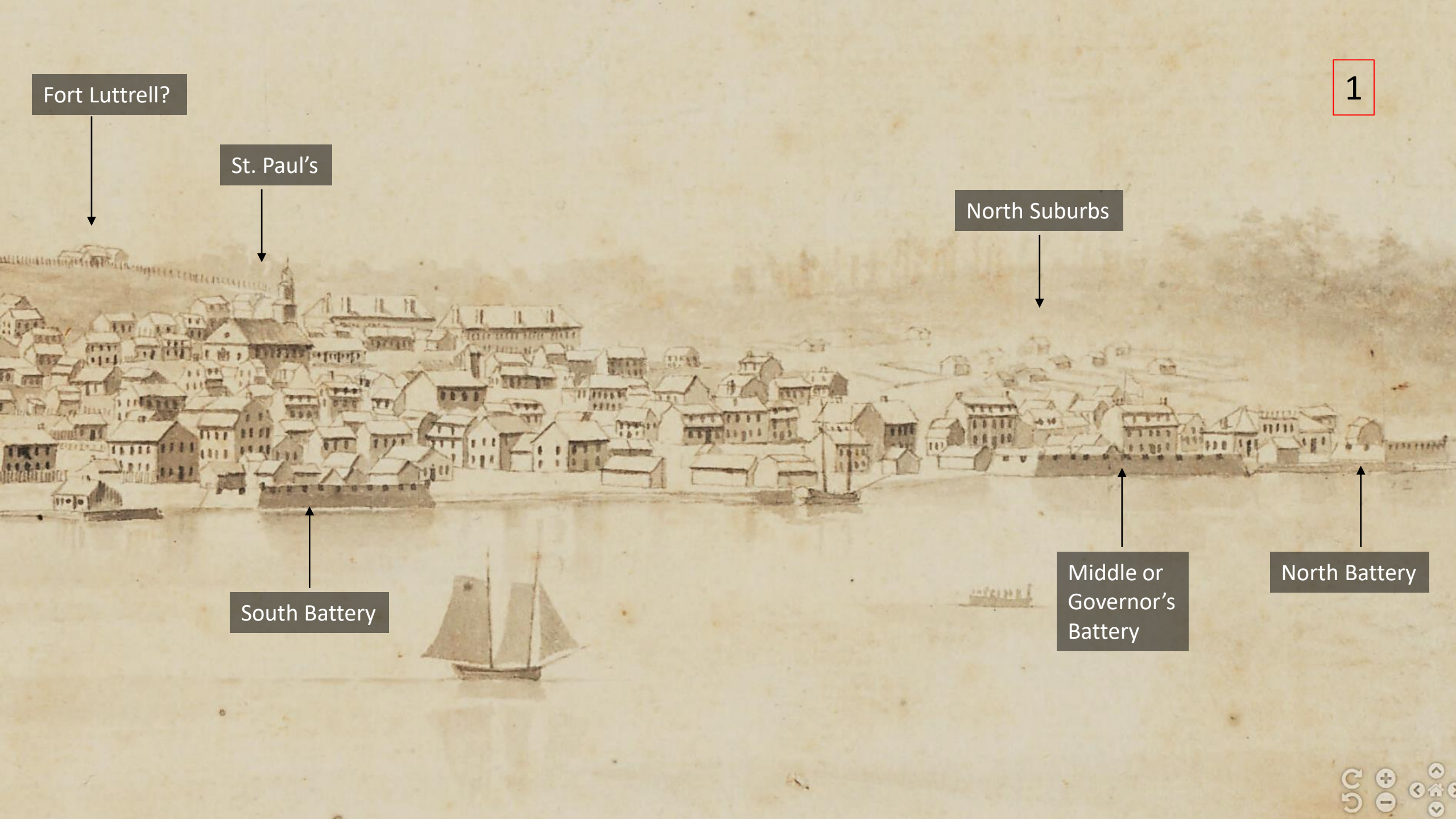
St. Paul's

North Suburbs

South Battery

Middle or Governor's Battery

North Battery



2



2

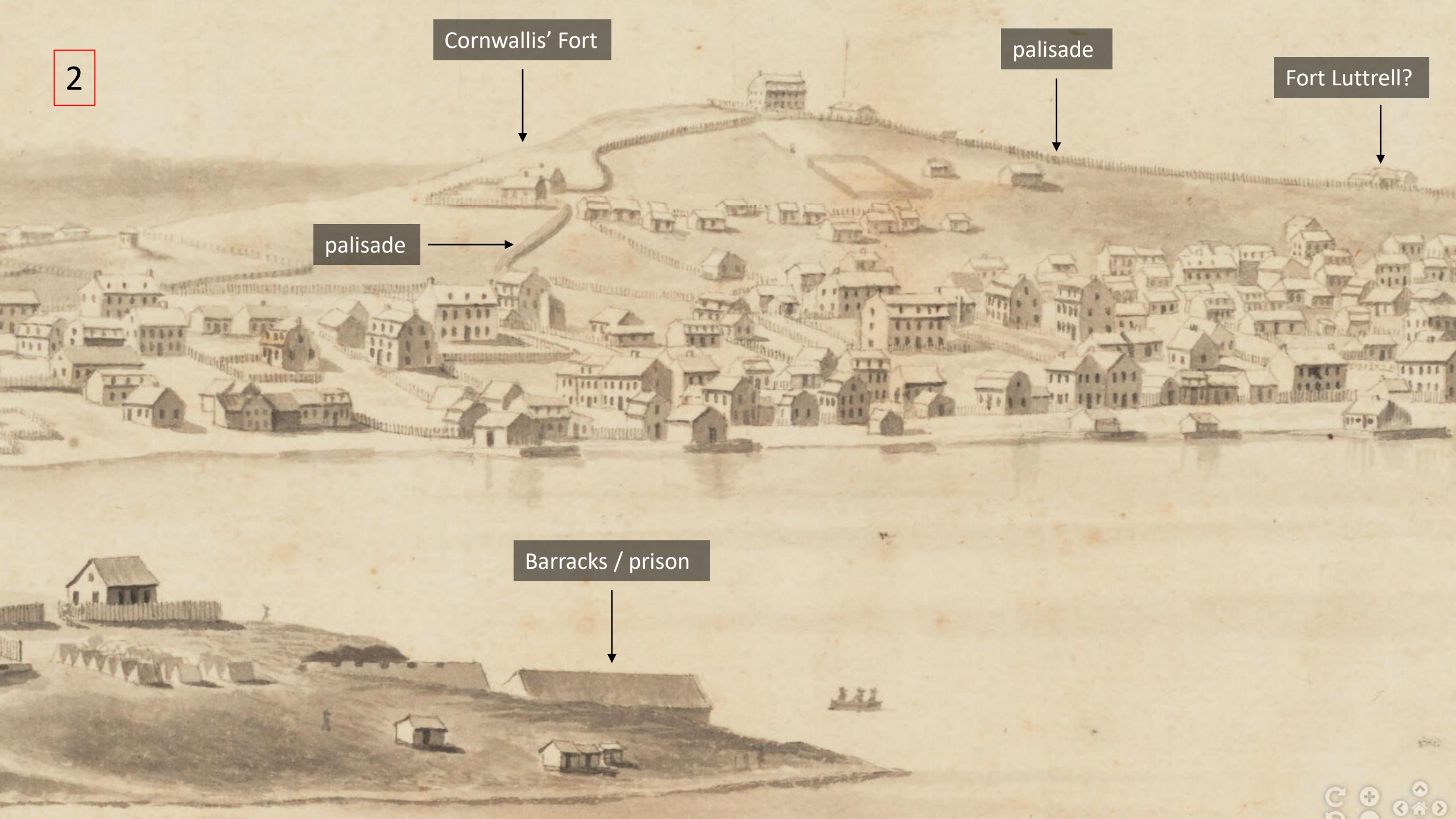
Cornwallis' Fort

palisade

Fort Luttrell?

palisade

Barracks / prison





*The Capture of the 'Alcide' and 'Lys',
8 June 1755, NMM*

Cornwallis' Resources

- The townspeople
- A purse
- Four regiments (by 1750)
 - Philipps' (40th)
 - Hopson's (29th)
 - Cornwallis' (24th)
 - Lascelles' (47th)
- Gorham's Rangers

A soldier of 47th regiment, 1742
SOURCE: New York Public Library

