

The Highland County Gist Settlement

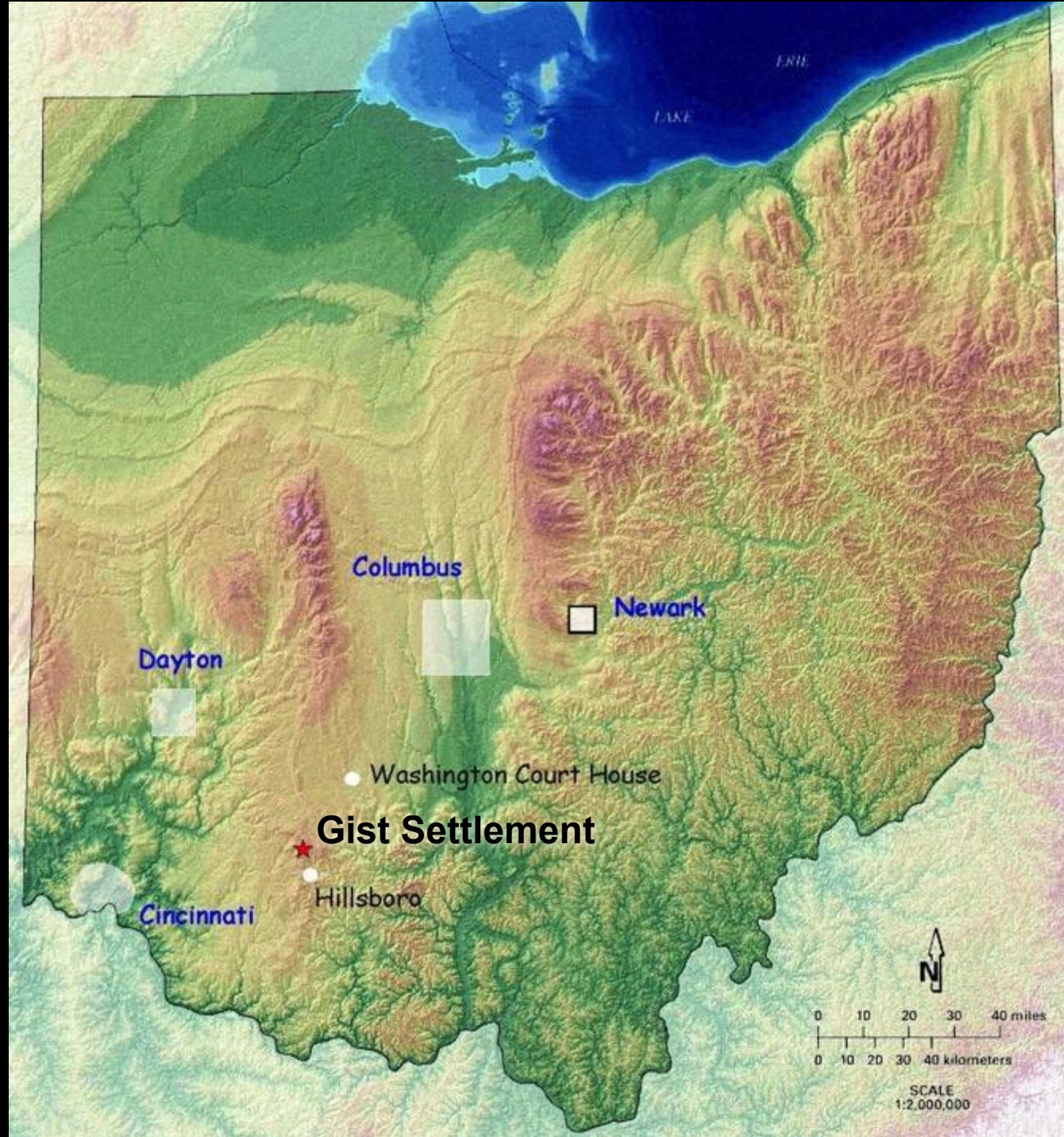
Public Archaeology, Manumission, and a 19th-century African-American Community

2007-2011

Paul LaRue
Washington Senior High School WCH




Jarrold Burks
Ohio Valley Archaeology, Inc.





Gist Settlement Cemetery
Civil War Soldiers

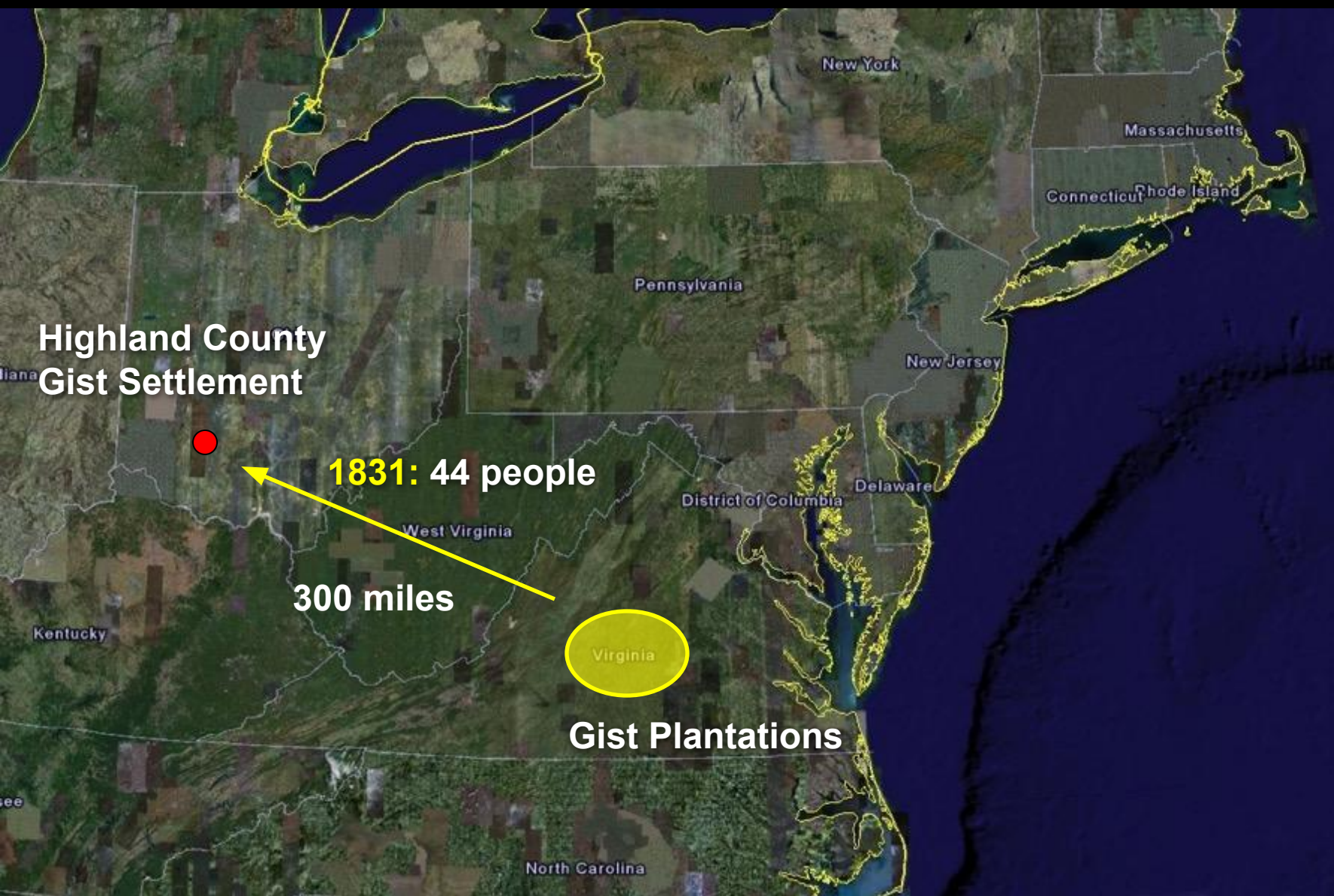


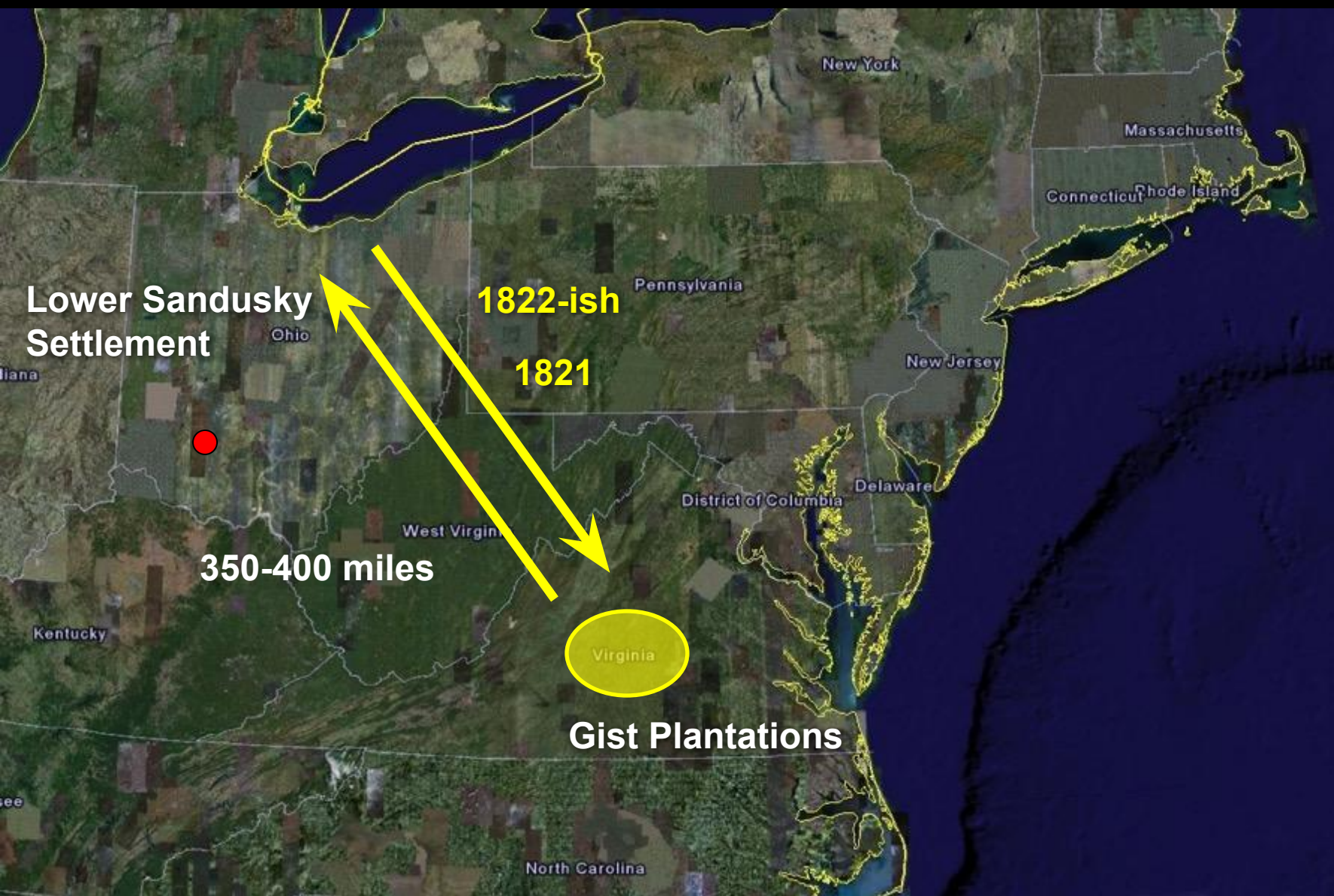
A photograph of a dirt path leading into a dense forest. The path is made of light-colored soil and is flanked by tall grass and various green plants. The forest in the background is thick with trees and bushes, creating a lush green environment. The sky is visible at the top, appearing bright and clear.

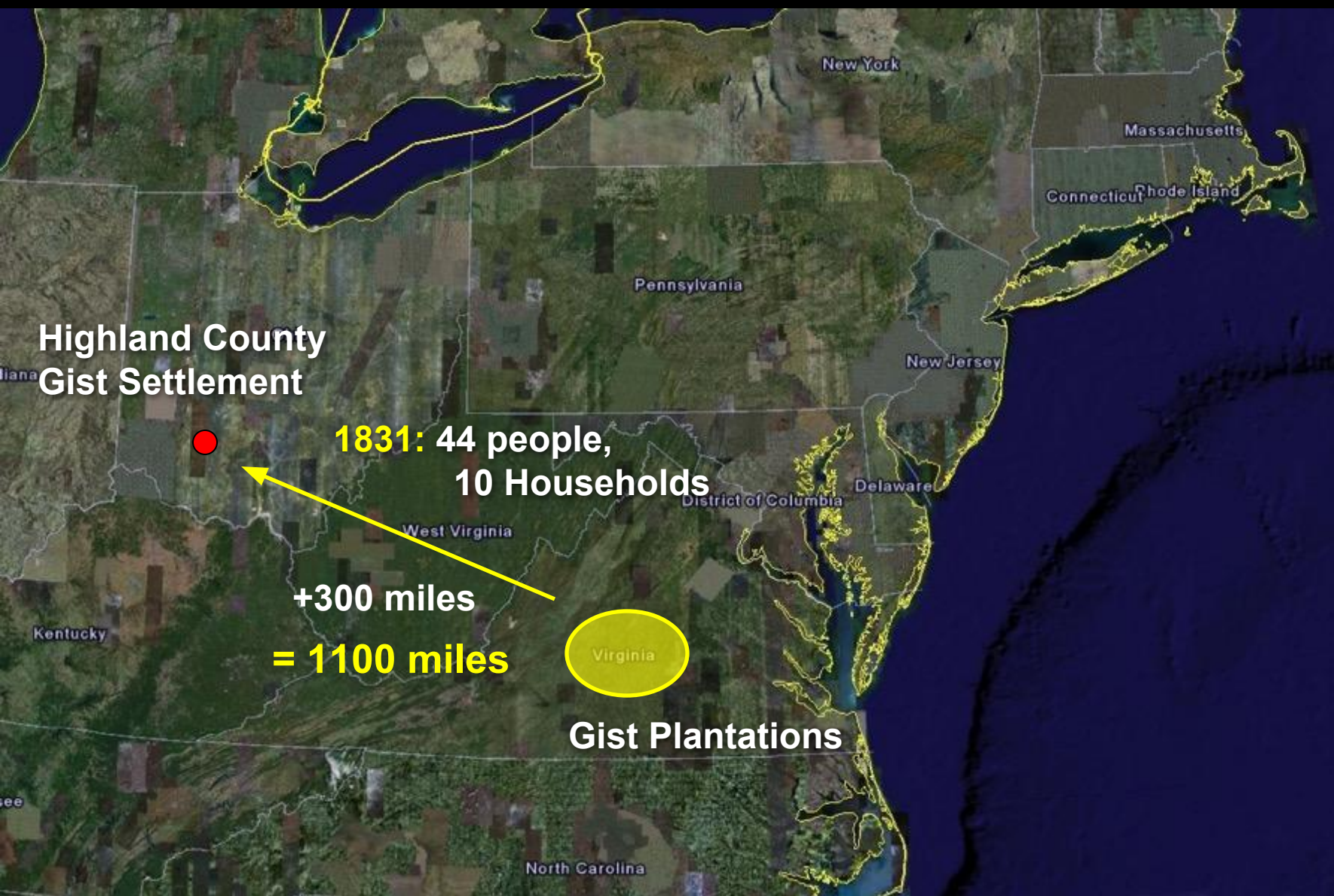
...and the adventure begins!













Google Earth, Today

Original Settlement





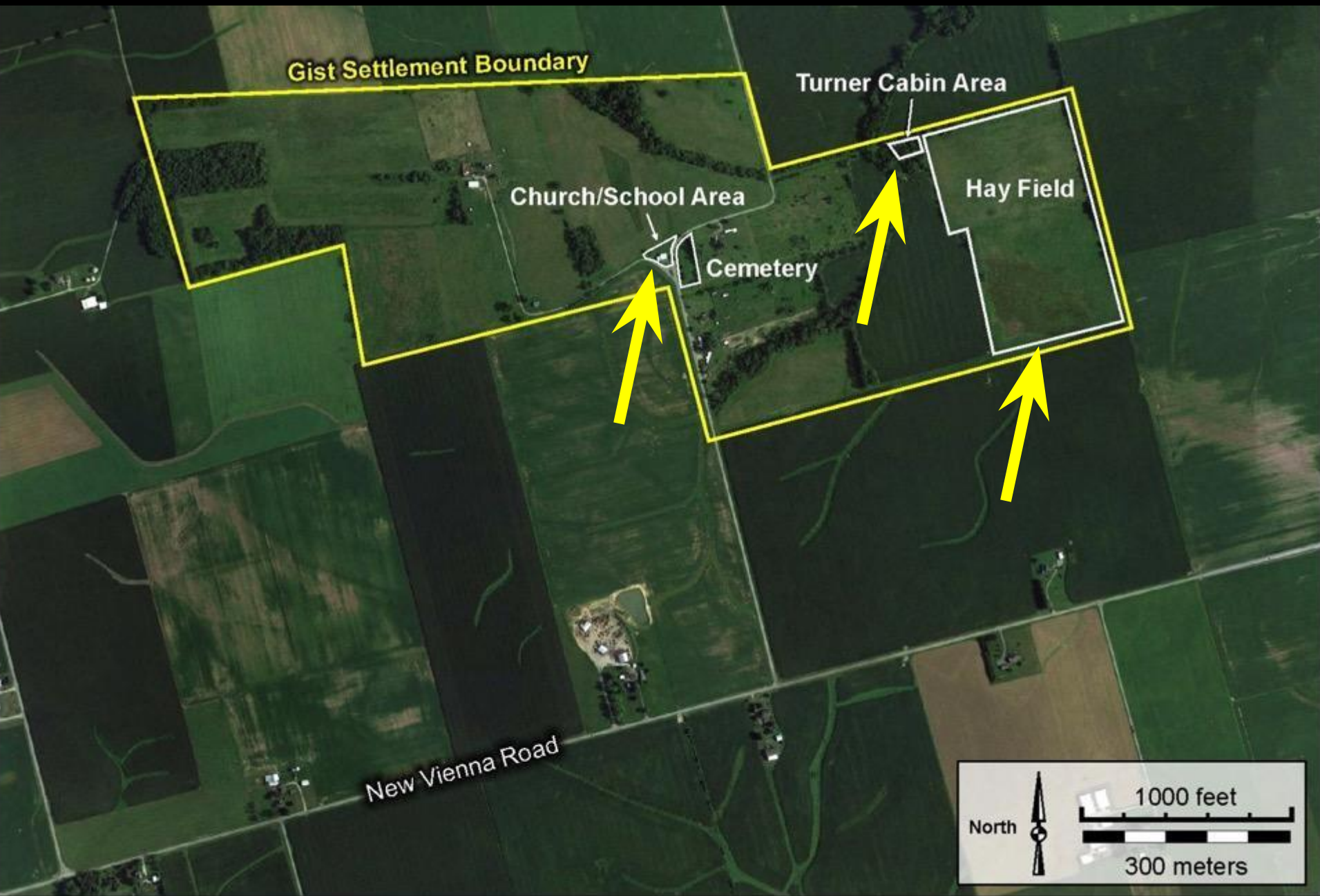
Church



Cemetery







Gist Settlement Boundary

Turner Cabin Area

Church/School Area

Hay Field

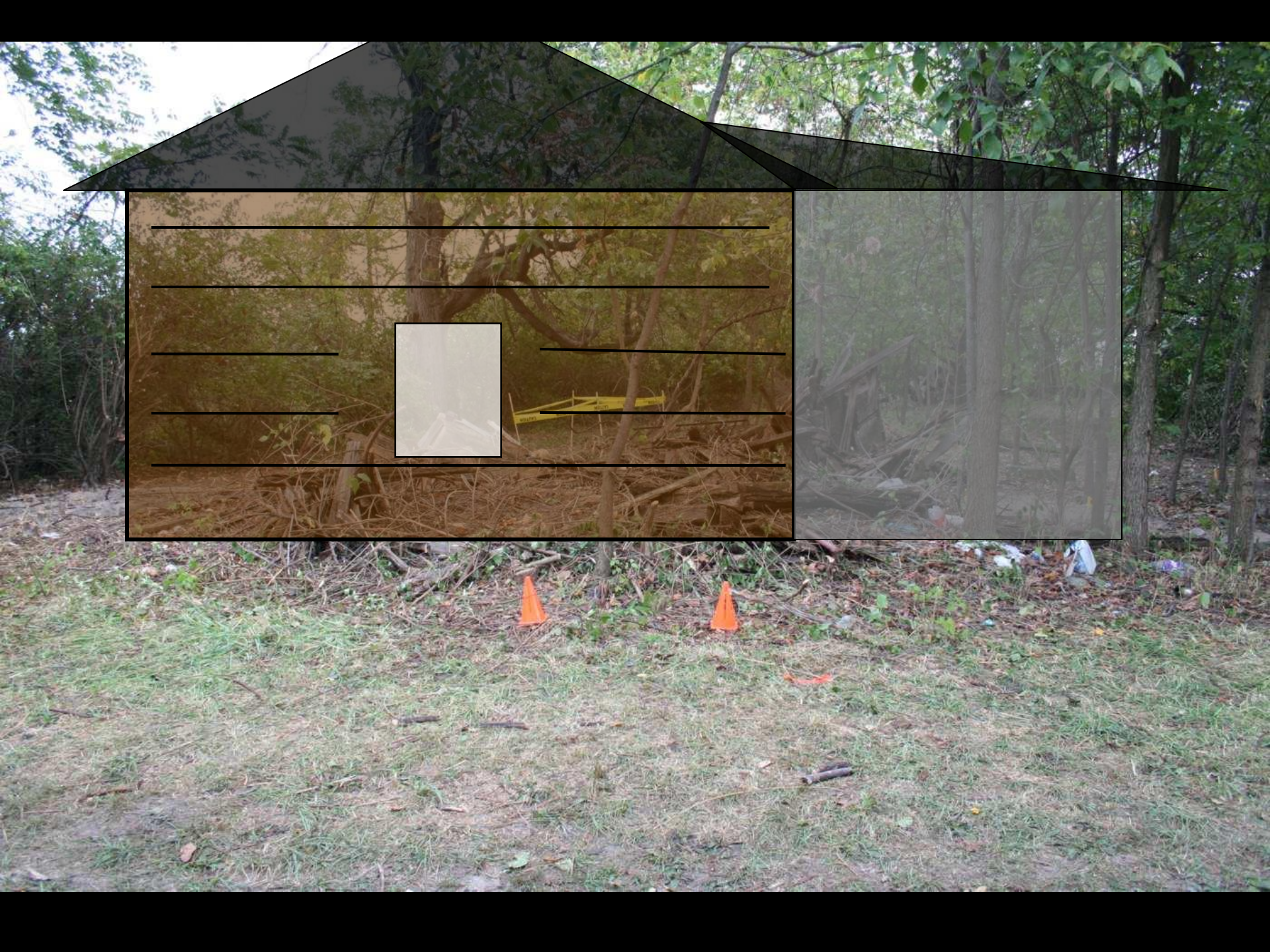
Cemetery

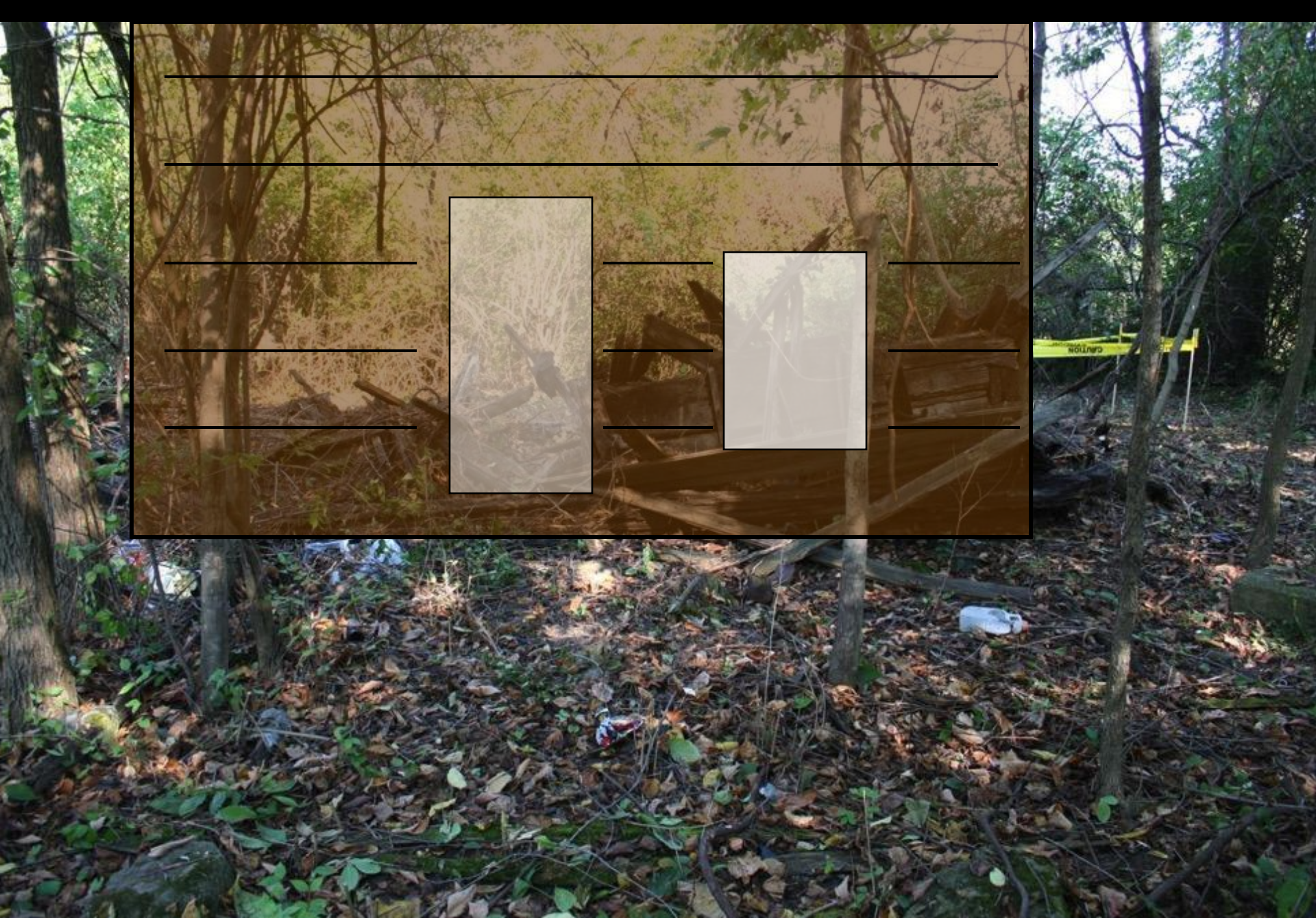
New Vienna Road

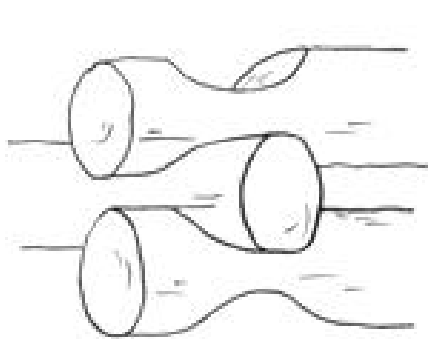




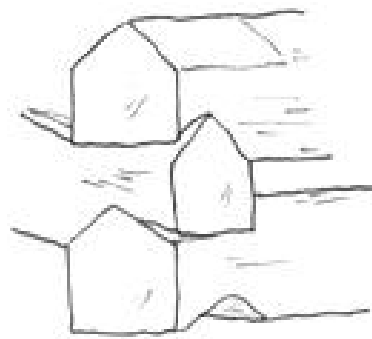




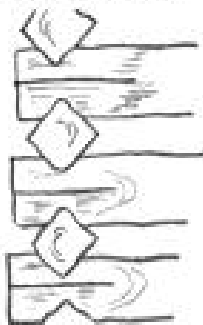




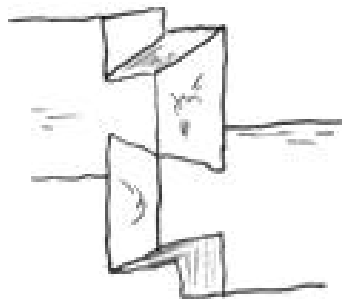
Saddle notch



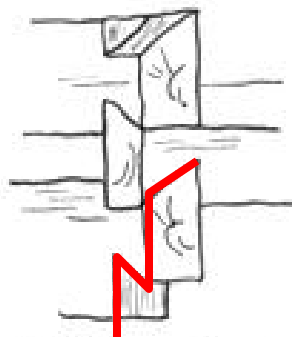
V-notch



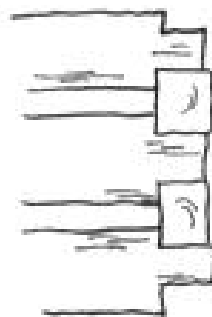
Diamond notch



Full Dovetail notch



Half Dovetail notch



Square notch

NOTCHING















Washington Senior High and Ohio Valley Archaeology





GIST Settlement
Highland Co.
10/10/2007
Units 1+2
North Profile
30cm







House

GIST SENTINEL
HIGHLAND CO.
10/11/2019
UNITS 5 AND 6
NORTH SITE 1C
20 cm





GIST SETTLEMENT
HIGHLAND CO.
10/11/2007
UNITS 3 AND 4
SOUTH Pit 1c
40 cm





**Shovel Testing
5-meter Interval**

N1000 E10
0-15 cmbs
Ironstone
Makers' Ma
1891-189

N
Red



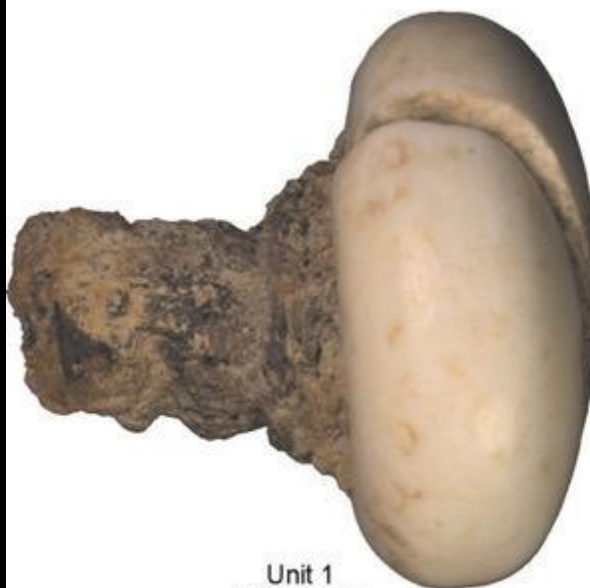
Unit 4
0-10 cmbs
Cut, Square Nail



PP 1 (Metal Detector)
Surface
Pocket Watch



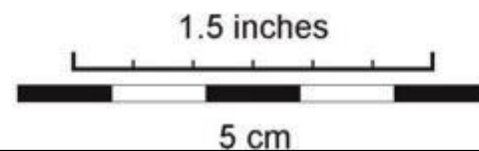
Pocket Watch Cover



Unit 1
10-20 cmbs
Door Knob



N1000 E1005
0-20 cmbs
Whetstone



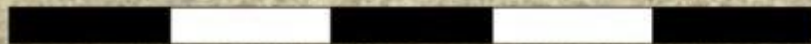


1947



1946





5 cm

circa 7,000 B.C.

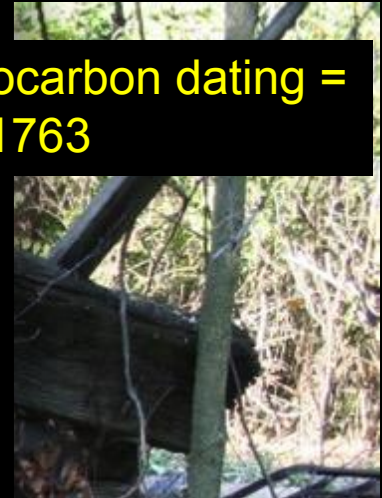




Sample A2



Radiocarbon dating =
~AD1763



Dendrochronology =
AD 1815
AD 1836
AD 1835
AD 1836

6 inches

10 cm

Sample B







Hay Field

1917 15 min. Quadrangle Map





**Late 1930s
Aerial Photo**



Magnetic Susceptibility

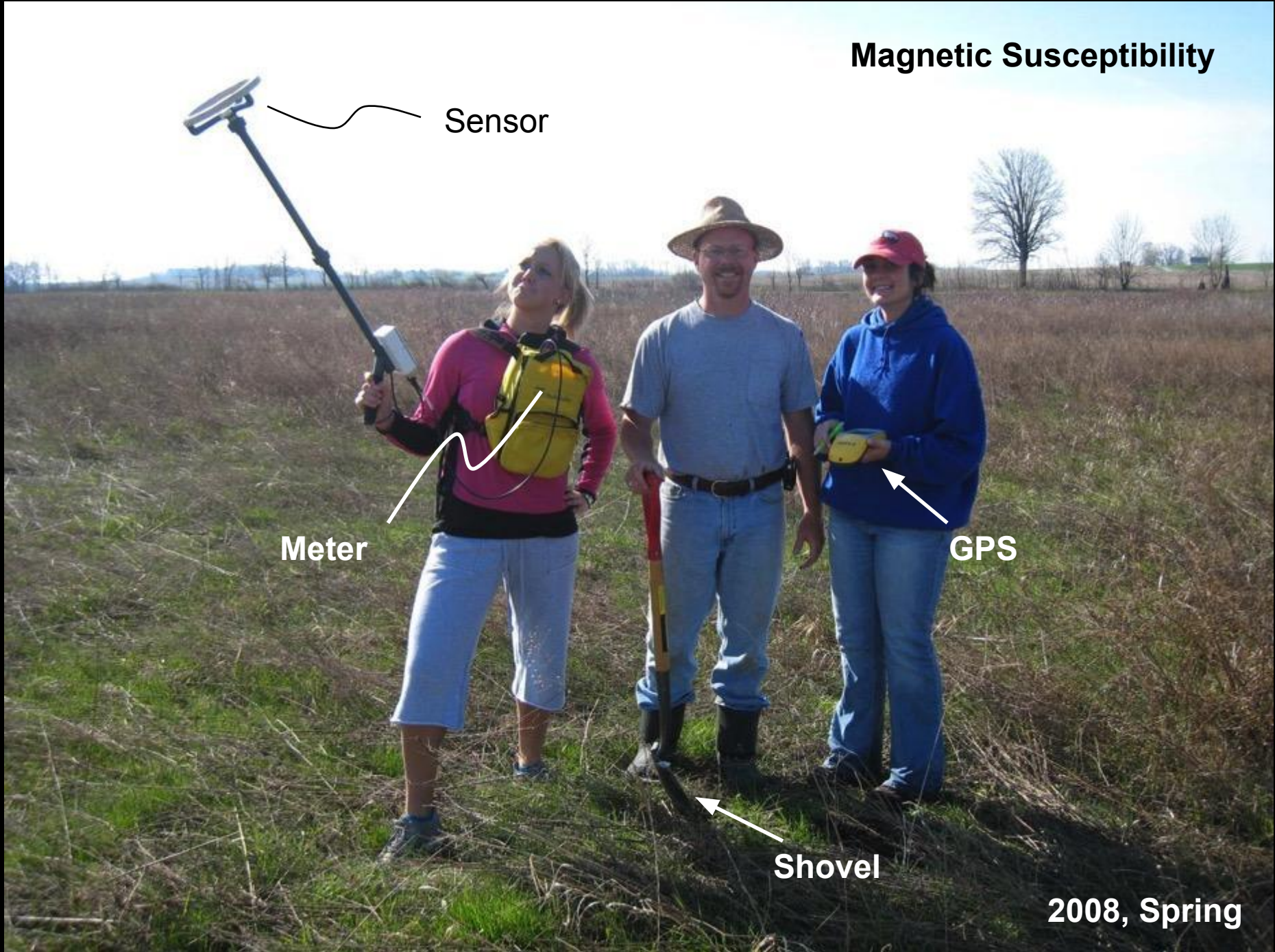
Sensor

Meter

GPS

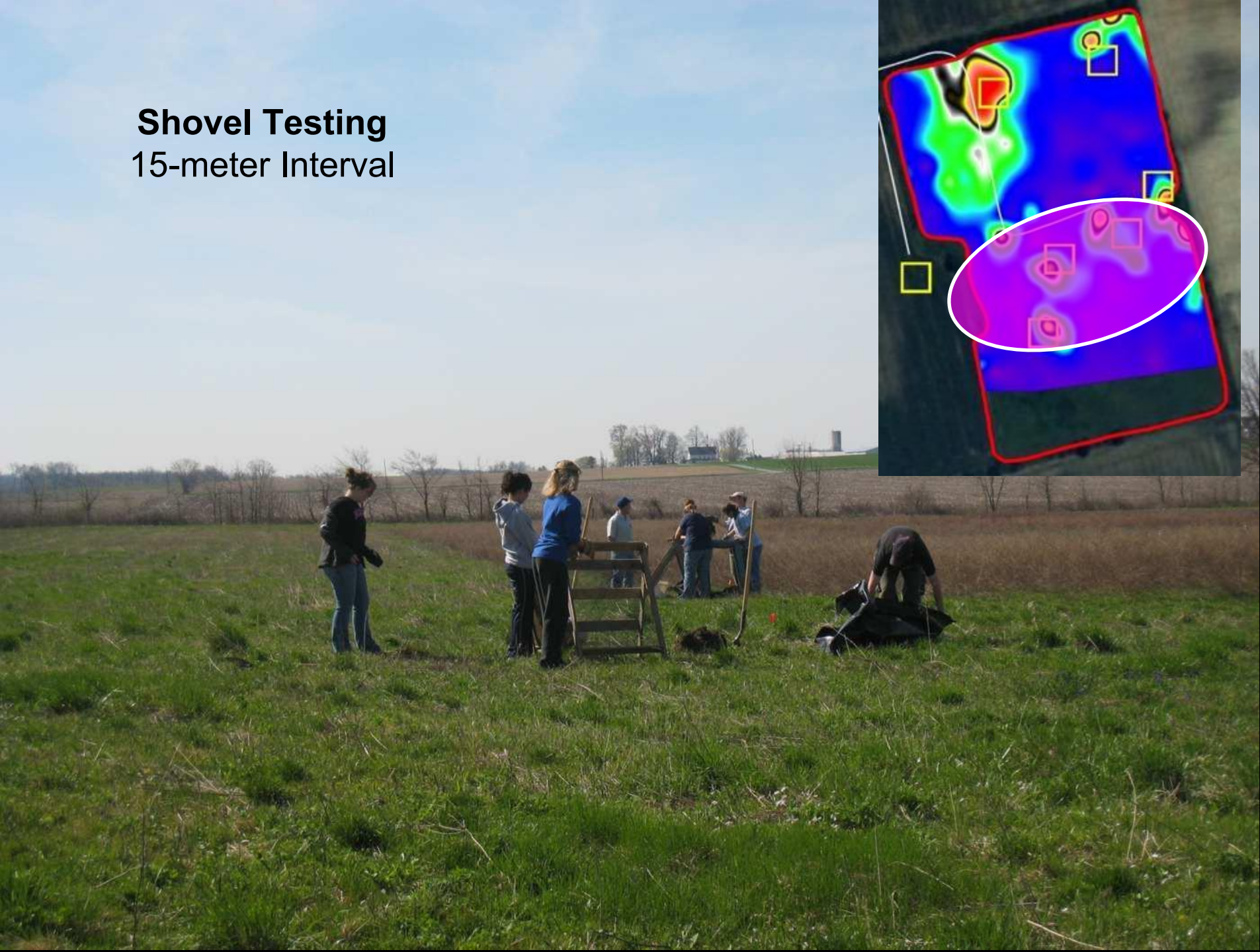
Shovel

2008, Spring



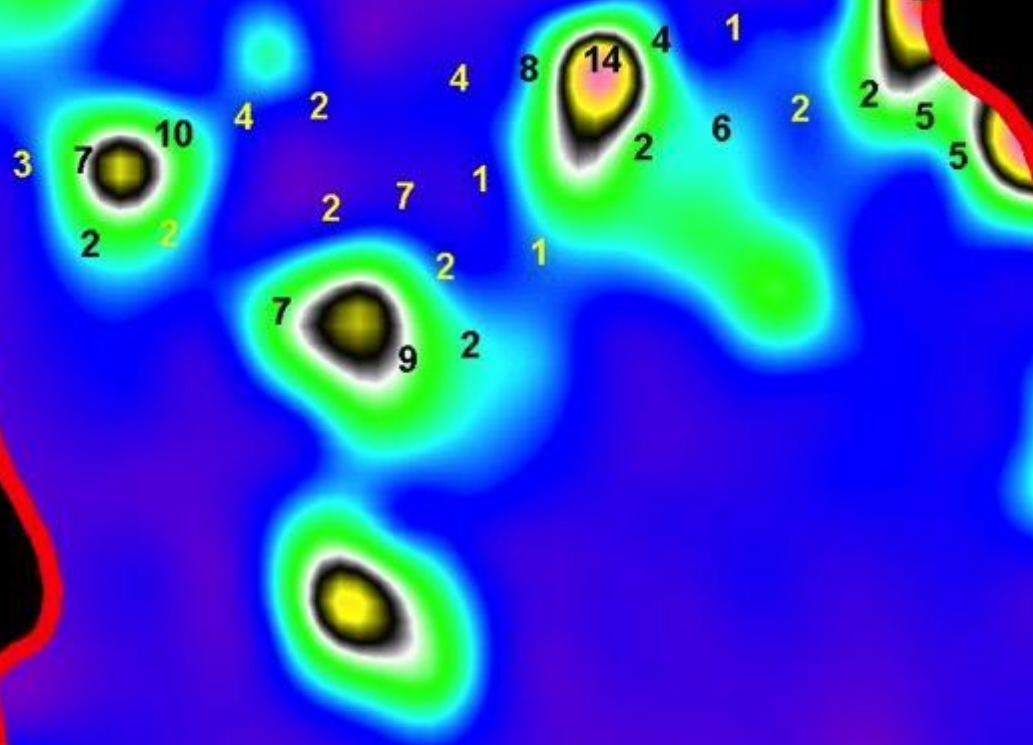


Shovel Testing 15-meter Interval



Shovel Test Results

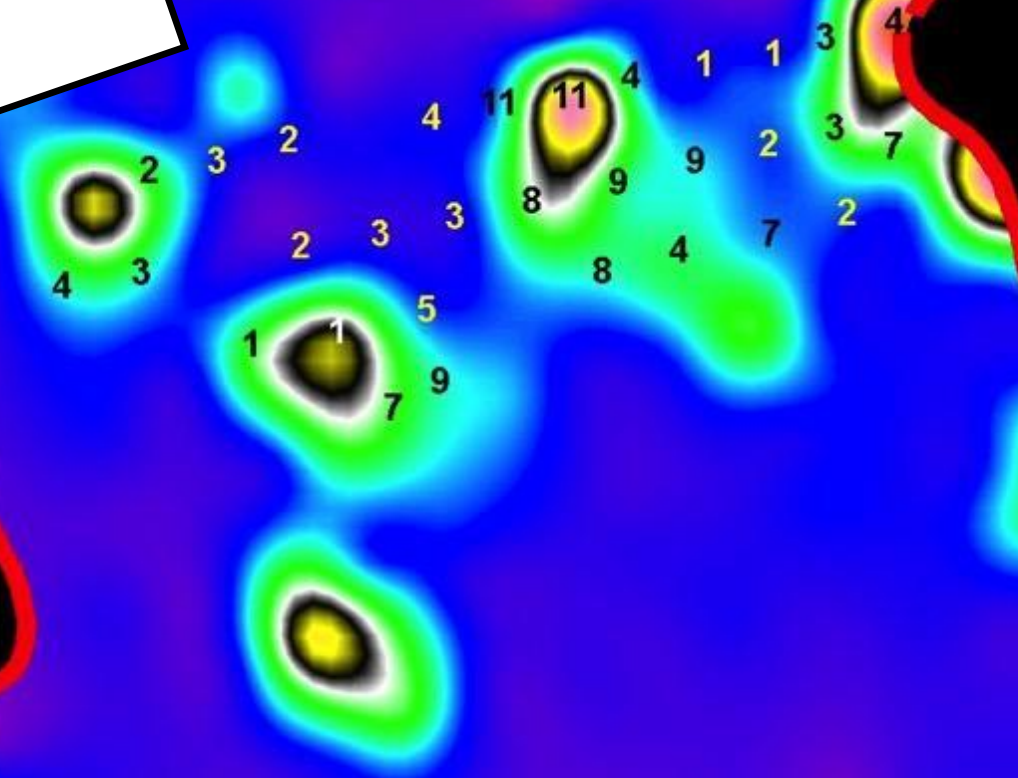
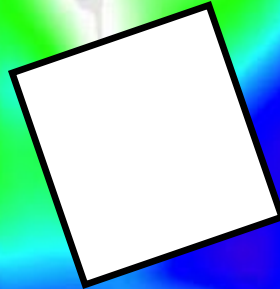
Iron Objects



Shovel Test Results

Ceramics

Magnetic Gradient Survey



Magnetometer

Magnetic Gradient Survey

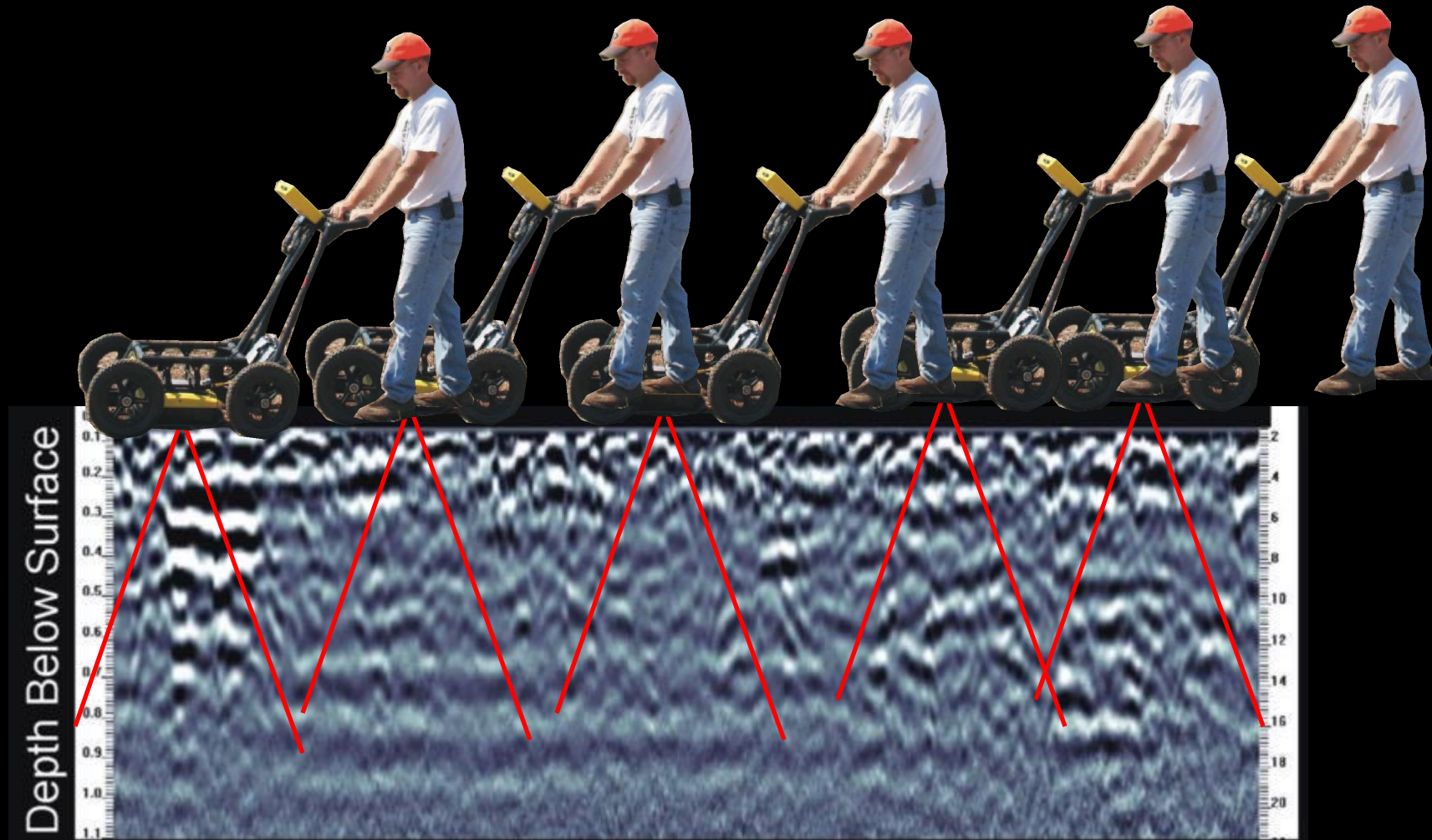




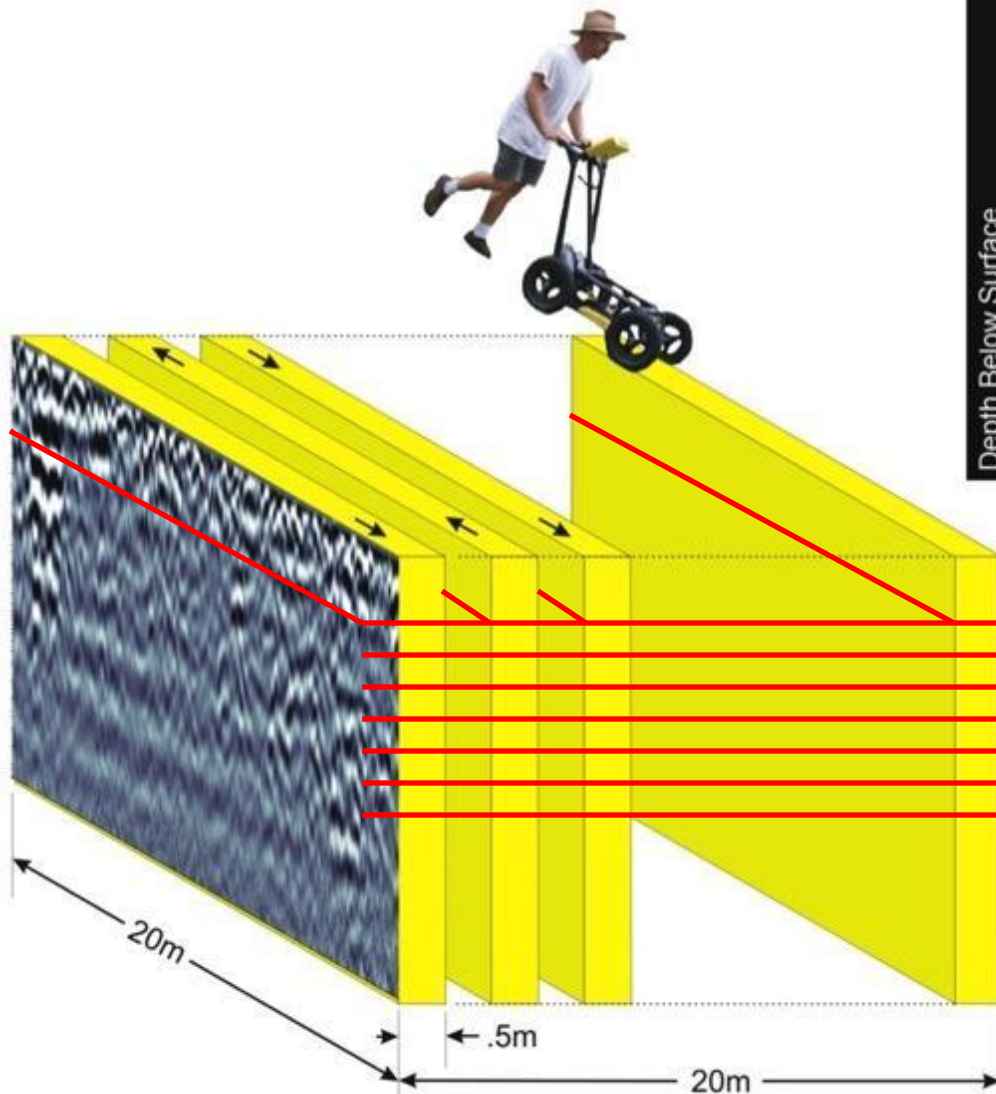
Old Road

Magnetic Gradient Survey
Results

Ground-Penetrating Radar

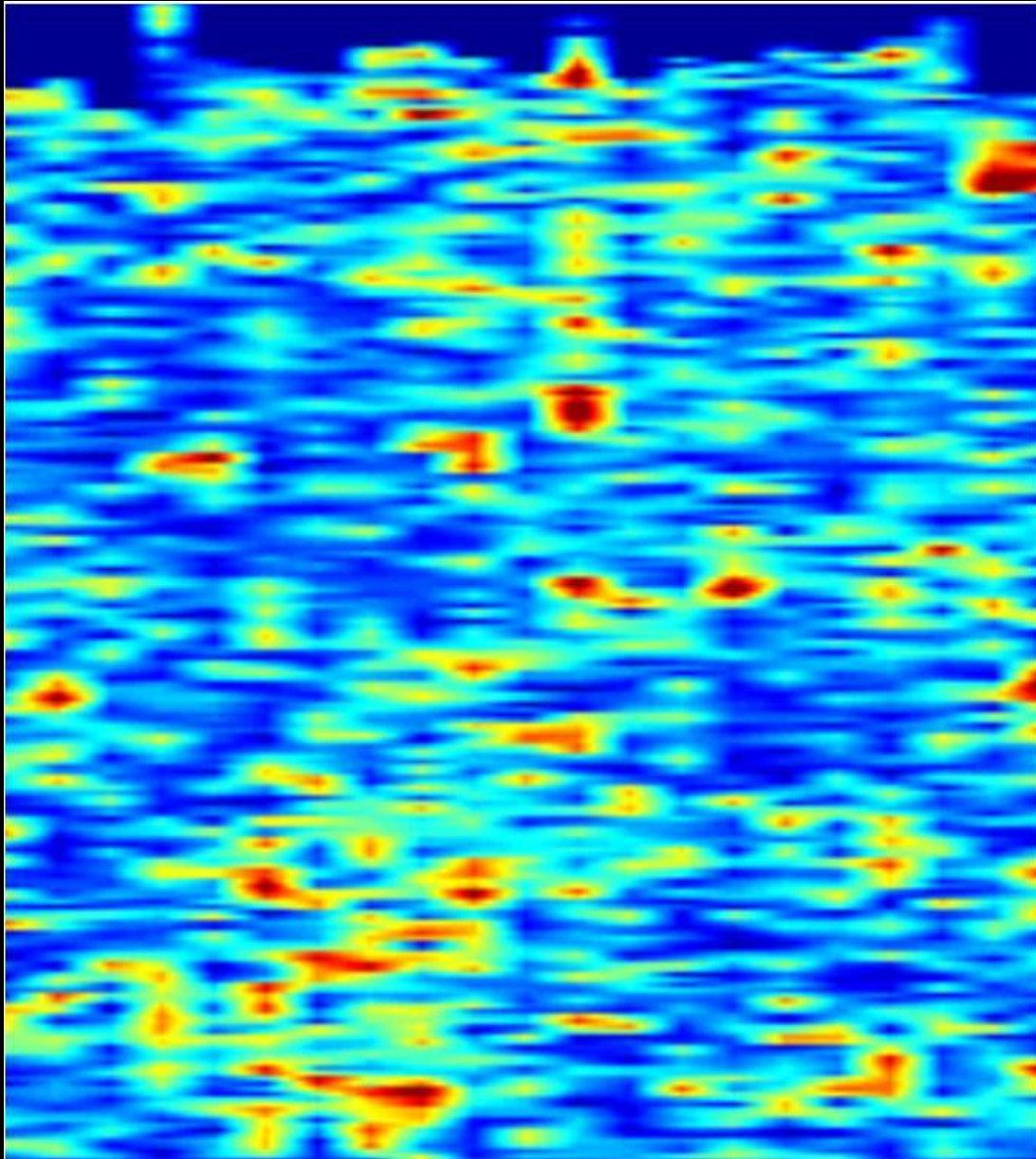


Vertical Map of the Ground



Radargram--Profile

Horizontal Map
of the Ground:
Time/Depth Slices



Radar Depth Slices Over Magnetic Feature

13 cm below surface

21 cm below surface

33 cm below surface

41 cm below surface

49 cm below surface

61 cm below surface

77 cm below surface

85 cm below surface



















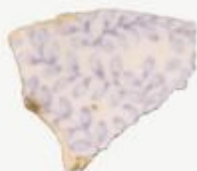
ST EE-2
Shell edge, scalloped rim
w/ impressed curved lines



ST EE-2
Whiteware-Straight, blue-edged



ST DD-5
Whiteware-Spongeware



ST CC-4
Whiteware-Transfer Print



ST B-9
Whiteware-Transfer Print



ST EE-1
Whiteware-Slipware



ST BB-4
Whiteware-Partial Makers' Mark



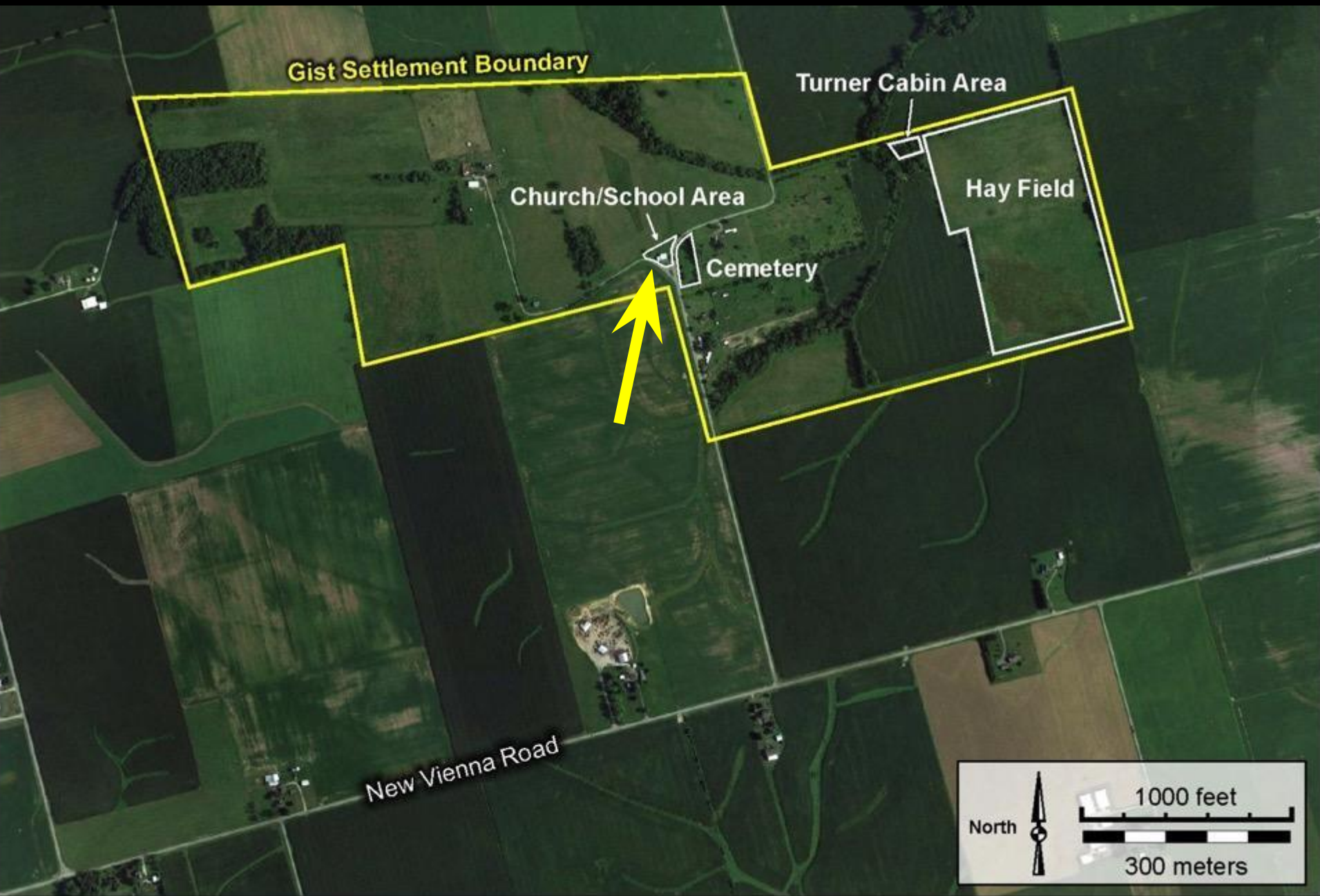
ST EE-1
Ironstone-Partial Makers' Mark



ST CC-5
Rockingham



ST BB-5
Stoneware w/stenciled letters



Gist Settlement Boundary

Turner Cabin Area

Church/School Area

Hay Field

Cemetery

New Vienna Road

North



1000 feet



300 meters

(a)



(b)



(c)



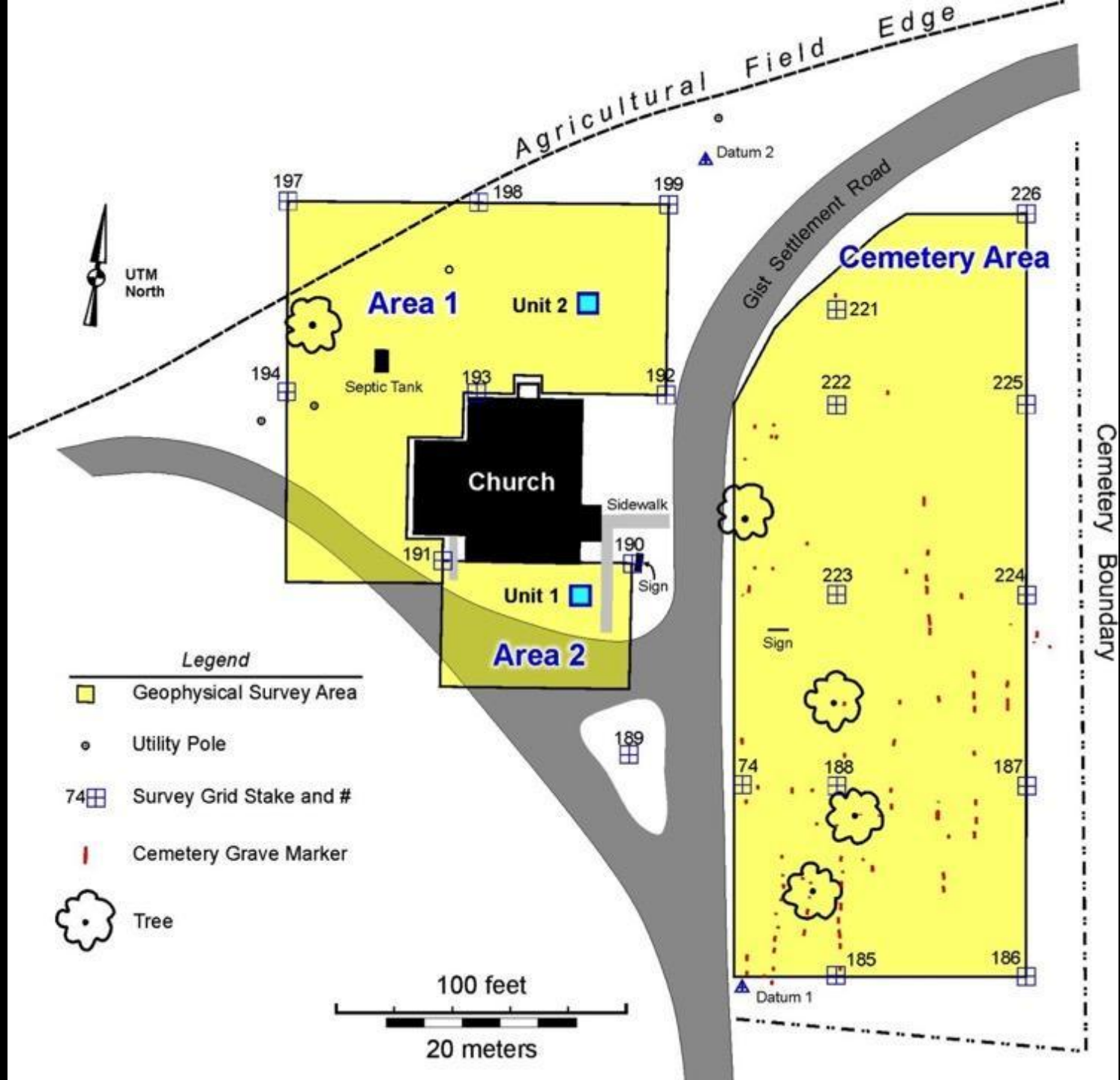
(d)





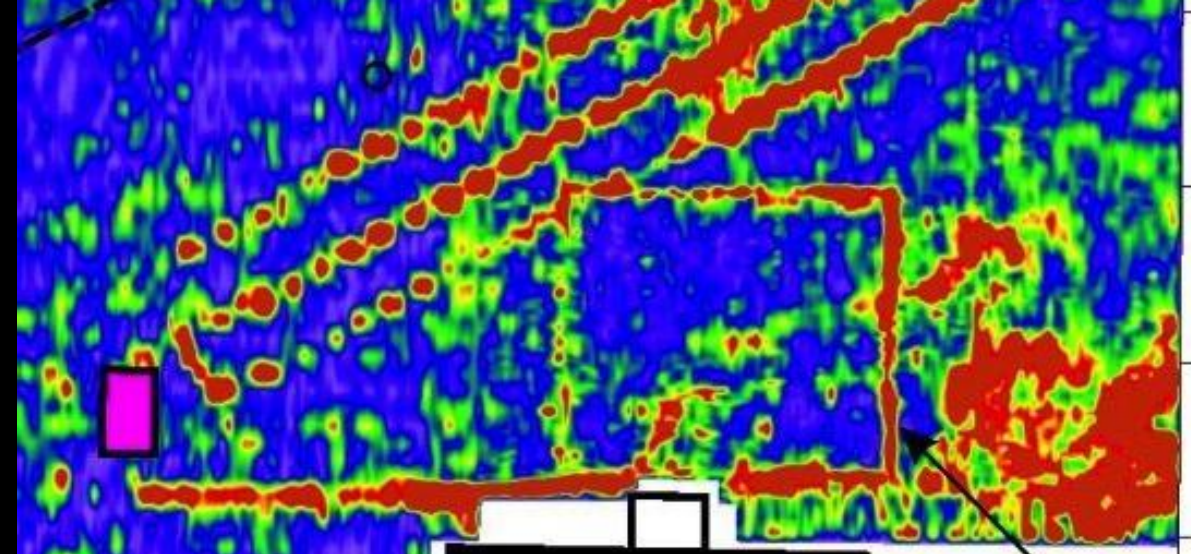
Church

School





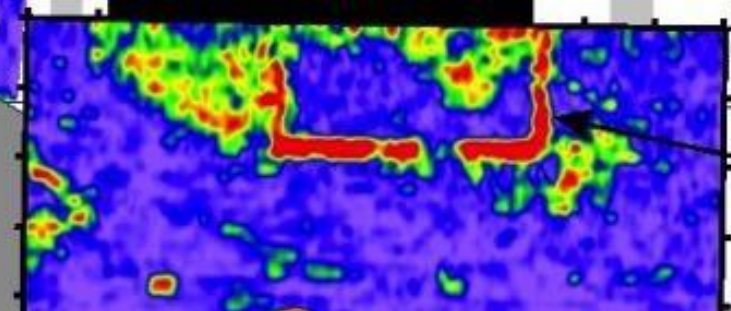
Rad
Weak



Old Church
Foundation

Church

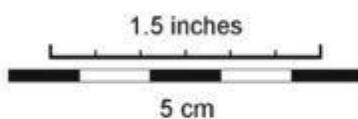
N2020



Old School
Foundation



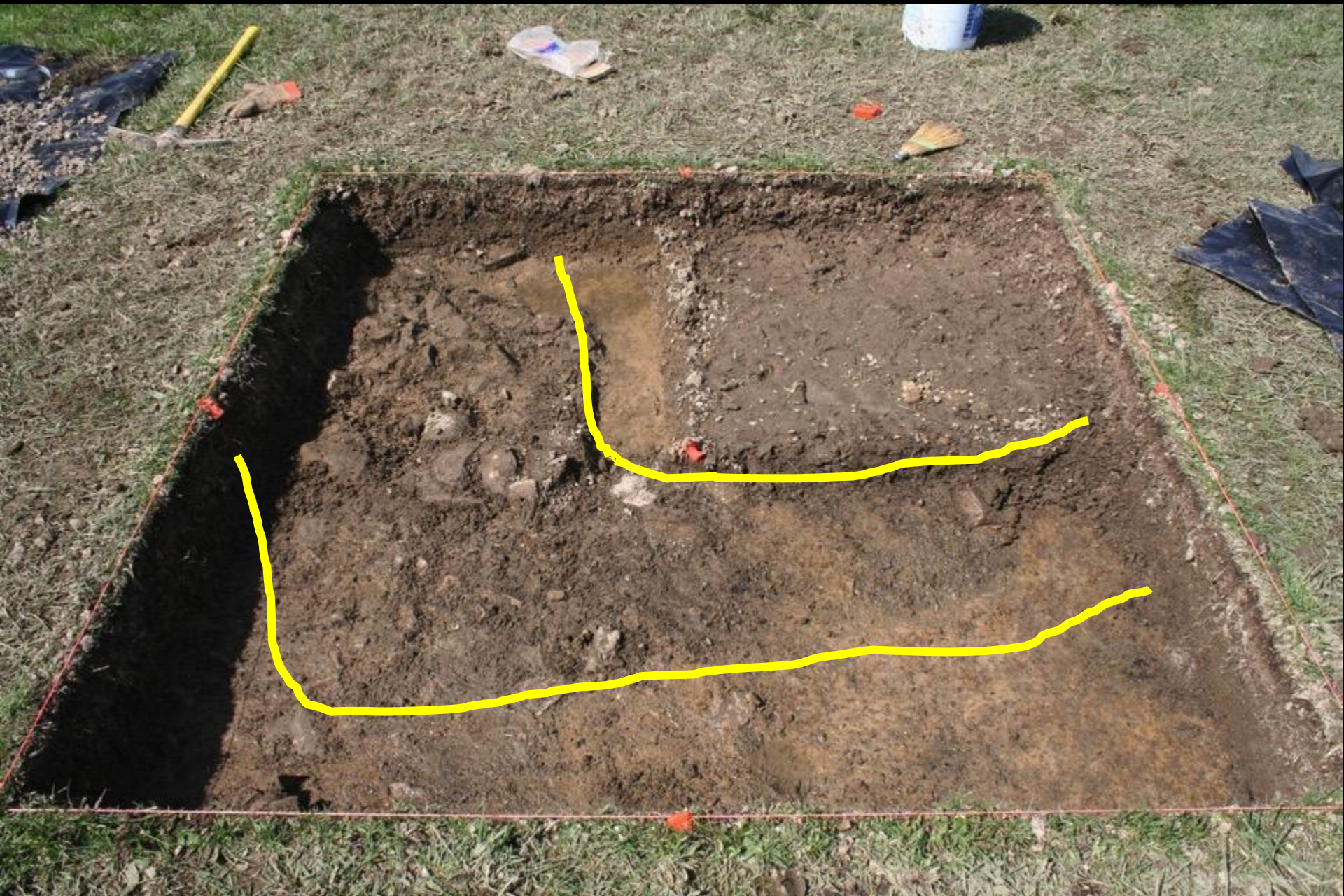
Unit 1B
Carbon Rod



Door Lock Case



Unit 1B
Mortise Door Lock Case



Gist Settlement Project: What Did We Learn

- What is Archaeology and How To—Student Scientists and Historians

- Identified some of the Homesteads of the Founding Families

- Established Solid Evidence of Intact Archaeological Remains
and thus Integrity for National Register Nomination



Acknowledgements

- Paul Turner-Resident, Caretaker, Descendant
- Paul LaRue and his Research History Students
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- Support from Washington City Schools

Superintendent

