

Chapter 14 Unit Summaries

Block 8, Lot 1 shovel test pit summaries

The following inventory describes the shovel test pits (STPs) excavated on Block 8, Lot 1 during the NSF-REU field season of 2011. Locations are with reference to the town grid, indicating distance from a particular corner of the lot. For example “Block 8, Lot 1, SW E30” refers to a location 30 ft. east of the southwest corner of Block 8, Lot 1. The location of each STP was determined using measuring tapes pulled from established grid points. Following excavation, the location of each STP was recorded using a total station.

Soil characteristics are described using standard nomenclature. Color codes refer to the Munsell Soil Color Chart. Artifacts listed are based on identifications recorded on the original field forms and may differ from the items and counts listed in the catalogue, which are based on laboratory analysis, post excavation.

The shovel test pits (STPs) were 12 inches in diameter and excavated in 0.5-foot arbitrary increments. Excavators placed the STPs at five-foot intervals in a 20 foot by 30 foot area in the southwestern corner of the lot, and at 20-foot intervals in the remaining southern half of the lot.

The STPs were excavated by NSF-REU field school students, under the supervision of Terrance Martin, Christopher Fennell, and Anna Agbe-Davies.

STP No. 001

Date excavated: 06/3/11. Excavator initials: TM, TG

STP Location: Block 8, Lot 1, SW corner

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR3/3 silty clay loam

1.0 ft. to 1.5 ft. – 7.5YR3/3 silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 nail, 1 brick fragment

0.5 ft. to 1.0 ft. – 1 nail head, 1 brick fragment

1.0 ft. to 1.5 ft. – no artifacts

STP No. 002

Date excavated: 06/3/11. Excavator initials: TM, TG

STP Location: Block 8, Lot 1, SW E 5

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR3/3 silty clay loam
1.0 ft. to 1.5 ft. – 7.5YR3/3 silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 mortar fragment, 1 redware fragment or glazed brick
0.5 ft. to 1.0 ft. – 1 metal fragment, 1 glass fragment, 1 mortar fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 003

Date excavated: 06/3/11. Excavator initials: TM, TG
STP Location: Block 8, Lot 1, SW N0, E10

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR3/3 silty clay loam
1.0 ft. to 1.5 ft. – 7.5YR3/3 silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 nail, 1 ceramic fragment, 2 glass fragments
0.5 ft. to 1.0 ft. – 1 nail head, 1 brick fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 004

Date excavated: 06/7/11. Excavator initials: TM
STP Location: Block 8, Lot 1, SW N0, E15

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR3/4 silty clay loam
1.0 ft. to 1.5 ft. – 7.5YR3/3 silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 nail
0.5 ft. to 1.0 ft. – no artifacts
1.0 ft. to 1.5 ft. – no artifacts

STP No. 005

Date excavated: 06/7/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N0, E20

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR3/3 silty clay loam

1.0 ft. to 1.5 ft. – 7.5YR3/3 mottled with 7.5YR 3/2 silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – no artifacts

0.5 ft. to 1.0 ft. – 1 whiteware fragment

1.0 ft. to 1.5 ft. – no artifacts

STP No. 006

Date excavated: 06/7/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N0, E25

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR3/4 silty loam

1.0 ft. to 1.5 ft. – 7.5YR3/3 mottled with 7.5YR 3/2 silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – no artifacts

0.5 ft. to 1.0 ft. – 2 brick fragments

1.0 ft. to 1.5 ft. – no artifacts

STP No. 007

Date excavated: 06/7/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N0, E30

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam - 7.5YR 4/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 flat glass fragment

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

STP No. 008

Date excavated: 06/7/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N5, E0

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam - 7.5YR 4/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 ceramic fragment, 1 brick fragment

0.5 ft. to 1.0 ft. – 1 iron fragment

1.0 ft. to 1.5 ft. – no artifacts

STP No. 009

Date excavated: 06/7/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW E5, N5

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam - 7.5YR 3/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 3 flat glass fragments

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

STP No. 010

Date excavated: 06/7/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N5, E10

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam - 7.5YR 4/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 2 nails, 1 glass fragment, 1 brick fragment, 1 ceramic fragment

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

STP No. 011

Date excavated: 06/8/11. Excavator initials: TM

STP Location: Block 8, Lot 1, SW N5, E15

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam - 7.5YR 4/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – no artifacts

0.5 ft. to 1.0 ft. – 2 nails, 1 brick fragment

1.0 ft. to 1.5 ft. – no artifacts

STP No. 012

Date excavated: 06/8/11. Excavator initials: TM

STP Location: Block 8, Lot 1, SW N5, E20

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam - 7.5YR 4/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – no artifacts

0.5 ft. to 1.0 ft. – 1 flat glass fragment

1.0 ft. to 1.5 ft. – 2 nails

STP No. 013

Date excavated: 06/8/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW E25 N5

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam - 7.5YR 3/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 3/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 flat glass fragment, 1 table glass fragment

0.5 ft. to 1.0 ft. – 1 flat glass fragment, 1 nail fragment

1.0 ft. to 1.5 ft. – no artifacts

STP No. 014

Date excavated: 06/8/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N5, E30

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam - 7.5YR 4/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 brick fragment

0.5 ft. to 1.0 ft. – 3 brick fragments

1.0 ft. to 1.5 ft. – no artifacts

STP No. 015

Date excavated: 06/8/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N10, E0

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/3, silty loam mottled with 7.5YR 3/2, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 3/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 ceramic fragment, 1 brick fragment, 2 glass fragments, 1 nail

0.5 ft. to 1.0 ft. – 1 tooth fragment

1.0 ft. to 1.5 ft. – no artifacts

STP No. 016

Date excavated: 06/9/11. Excavator initials: TM

STP Location: Block 8, Lot 1, SW N10, E5

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam-7.5YR 4/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 2 glass fragments, 1 ceramic fragment, 1 brick fragment

0.5 ft. to 1.0 ft. – 4 glass fragments, 2 brick fragments

1.0 ft. to 1.5 ft. – no artifacts

STP No. 017

Date excavated: 06/8/11. Excavator initials: TM

STP Location: Block 8, Lot 1, SW N10, E10

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/3, silty clay

0.5 ft. to 1.0 ft. – 7.5YR 3/3, silty loam-7.5YR 4/4, silty clay

1.0 ft. to 1.5 ft. – 7.5YR 3/3, silty clay

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 slag fragment

0.5 ft. to 1.0 ft. – 1 glass fragment, 2 ceramic fragments

1.0 ft. to 1.5 ft. – no artifacts

STP No. 018

Date excavated: 06/9/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N10, E15

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam - 7.5YR 3/3, silty loam

1.0 ft. to 1.5 ft. – 7.5YR 3/3, silty loam mottled with 7.5YR4/3 and 7.5YR4/4 silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – no artifacts

0.5 ft. to 1.0 ft. – 2 brick fragments, 1 glass fragment, 1 metal fragment

1.0 ft. to 1.5 ft. – 1 brick fragment

STP No. 019

Date excavated: 06/9/11. Excavator initials: TM

STP Location: Block 8, Lot 1, SW N10, E20

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam-7.5YR4/2, silty loam
1.0 ft. to 1.5 ft. – 7.5YR 4/2, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. –2 glass fragments
0.5 ft. to 1.0 ft. – 1 iron fragment, 1 bullet
1.0 ft. to 1.5 ft. – 1 brick fragment

STP No. 020

Date excavated: 06/9/11. Excavator initials: TM, CF
STP Location: Block 8, Lot 1, SW N10, E25

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR 3/3, silty loam
1.0 ft. to 1.5 ft. – 7.5YR 3/3, silty loam mottled with 7.5YR4/3 and 4/4 silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 chert flake, 1 brick fragment, 1 mortar fragment
0.5 ft. to 1.0 ft. – 1 nail, 1 flat glass fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 021

Date excavated: 06/9/11. Excavator initials: TM
STP Location: Block 8, Lot 1, SW N10, E30

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam
0.5 ft. to 1.0 ft. – 7.5YR 3/3, sandy loam mottled with 7.5YR 4/2, silty loam
1.0 ft. to 1.5 ft. – 7.5YR 4/2, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – no artifacts
0.5 ft. to 1.0 ft. – 1 glass fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 022

Date excavated: 06/9/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N15, E0

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR 3/2 mottled with 4/3 silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam mottled with 7.5 YR3/3 silty loam

1.5 ft. to 2.0 ft. – 10 YR 4/4, silty clay loam with fragmented grass root inclusions

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 blue tint glass fragment, 1 pink tint glass fragment, 1 nail fragment

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

1.5 ft. to 2.0 ft. – no artifacts

STP No. 023

Date excavated: 06/10/11. Excavator initials: TM

STP Location: Block 8, Lot 1, SW N15, E5

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam-7.5YR 4/3 silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/3, silty loam mottled with 7.5 YR3/3 silty loam

1.5 ft. to 2.0 ft. – 10 YR 4/4, silty clay loam with fragmented grass root inclusions

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 2 brick fragments, 1 melted glass fragment, 1 slag fragment

0.5 ft. to 1.0 ft. – 2 brick fragments, 1 chert flake, 1 slag/charcoal fragment

1.0 ft. to 1.5 ft. – no artifacts

1.5 ft. to 2.0 ft. – no artifacts

STP No. 024

Date excavated: 06/10/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N15, E10

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR 3/3 silty loam

1.0 ft. to 1.5 ft. – 7.5YR 3/3, silty loam mottled with 7.5 YR4/3 silty loam

1.5 ft. to 2.0 ft. – 10 YR 4/4, silty clay loam with fragmented grass root inclusions

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 brick fragment
0.5 ft. to 1.0 ft. – no artifacts
1.0 ft. to 1.5 ft. – no artifacts
1.5 ft. to 2.0 ft. – no artifacts

STP No. 025

Date excavated: 06/10/11. Excavator initials: TM
STP Location: Block 8, Lot 1, SW N15, E15

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/3, sandy loam
0.5 ft. to 1.0 ft. – 7.5YR 3/3, sandy loam-7.5YR 3/1 sandy loam
1.0 ft. to 1.5 ft. – 7.5YR 3/1, sandy loam-7.5 YR4/4 silty loam
1.5 ft. to 2.0 ft. – 10 YR 4/4, silty clay loam with fragmented grass root inclusions
(Probable rodent burrow identified 0.0 ft. to 1.5 ft. in north profile)

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 glass fragment, 1 chert flake
0.5 ft. to 1.0 ft. – 1 nail, 2 glass fragments
1.0 ft. to 1.5 ft. – no artifacts
1.5 ft. to 2.0 ft. – no artifacts

STP No. 026

Date excavated: 06/10/11. Excavator initials: TM
STP Location: Block 8, Lot 1, SW N15, E20

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam-7.5YR 4/4 silty loam
1.0 ft. to 1.5 ft. – 7.5YR 4/4, silty loam
1.5 ft. to 2.0 ft. – 10 YR 4/4, silty clay loam with fragmented grass root inclusions

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 nail, 1 brick fragment, 1 ceramic (Bennington) fragment
0.5 ft. to 1.0 ft. – 1 iron fragment
1.0 ft. to 1.5 ft. – no artifacts
1.5 ft. to 2.0 ft. – no artifacts
(Rodent nest along east profile 0.25 ft. to 0.70 ft.)

STP No. 027

Date excavated: 06/10/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N15, E25

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR 3/3 silty loam

1.0 ft. to 1.5 ft. – 7.5YR 3/3, silty loam mottled with 7.5 YR4/3 silty loam

1.5 ft. to 2.0 ft. – 10 YR 4/4, silty clay loam with fragmented grass root inclusions

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 brick fragment

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

1.5 ft. to 2.0 ft. – no artifacts

STP No. 028

Date excavated: 06/10/11. Excavator initials: TM

STP Location: Block 8, Lot 1, SW N15, E30

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, sandy loam-7.5YR 4/4 silty loam

1.0 ft. to 1.5 ft. – 7.5YR 4/4, silty loam

1.5 ft. to 2.0 ft. – 10 YR 4/4, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 nail, 1 slag fragment

0.5 ft. to 1.0 ft. – 1 brick fragment

1.0 ft. to 1.5 ft. – no artifacts

1.5 ft. to 2.0 ft. – no artifacts

STP No. 029

Date excavated: 06/10/11. Excavator initials: TM, CF

STP Location: Block 8, Lot 1, SW N20, E0

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2, silty loam-7.5YR 3/3 mottled with 7.5YR 4/3 silty loam

1.0 ft. to 1.5 ft. – 7.5YR 3/3 mottled with 7.5YR 4/3 silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 glass fragment

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

STP No. 030

Date excavated: 06/14/11. Excavator initials: ASA

STP Location: Block 8, Lot 1, SW N20, E5

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 10YR 4/6 silty loam-10YR 3/6, silty clay loam

1.0 ft. to 1.5 ft. – 10YR 3/6, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 nail, 1 glass fragment

0.5 ft. to 1.0 ft. – 1 nail, 1 bottle glass fragment

1.0 ft. to 1.5 ft. – no artifacts

STP No. 031

Date excavated: 06/14/11, 6/20/11. Excavator initials: ASA, KR

STP Location: Block 8, Lot 1, SW N20, E10

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 10YR 4/3 clay - silty clay loam

1.0 ft. to 1.5 ft. – 10YR 4/3, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 flat glass fragment, 1 pearlware fragment, 1 nail, 1 brick fragment

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – 1 ceramic fragment

STP No. 032

Date excavated: 06/14/11. Excavator initials: TG, LU

STP Location: Block 8, Lot 1, SW N20, E15

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR3/2, silty loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2 silty loam-7.5YR4/4, silty clay loam
1.0 ft. to 1.5 ft. – 7.5YR4/4, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 chert flake, 1 ceramic fragment
0.5 ft. to 1.0 ft. – 1 brick fragment, 1 glass fragment, 1 metal fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 033

Date excavated: 06/14/11. Excavator initials: AB, SF
STP Location: Block 8, Lot 1, SW N20, E20

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/3, silty loam
0.5 ft. to 1.0 ft. – 10YR 3/4 silty loam-10YR4/4, silty loam
1.0 ft. to 1.5 ft. – 10YR4/4 mottled with 10YR4/6 silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 2 ceramic fragments
0.5 ft. to 1.0 ft. – 3 brick fragments, 3 nail fragments
1.0 ft. to 1.5 ft. – no artifacts

STP No. 034

Date excavated: 06/15/11. Excavator initials: ASA
STP Location: Block 8, Lot 1, SW N20, E25

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/3, silty loam
0.5 ft. to 1.0 ft. – 10YR 4/4 silty loam
1.0 ft. to 1.5 ft. – 10YR4/4 mottled with 10YR4/6 silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – (brick flecks—no artifacts collected)
0.5 ft. to 1.0 ft. – no artifacts
1.0 ft. to 1.5 ft. – no artifacts

STP No. 035

Date excavated: 06/14/11. Excavator initials: TG, LU
STP Location: Block 8, Lot 1, SW N20, E30

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, silty loam
0.5 ft. to 1.0 ft. – 7.5YR 4/4, silty clay loam
1.0 ft. to 1.5 ft. – 7.5YR 4/4, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 slag fragment, 1 glass fragment
0.5 ft. to 1.0 ft. – 1 glass fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 036

Date excavated: 06/17/11. Excavator initials: ASA
STP Location: Block 8, Lot 1, SW N0, E40

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/3, silty loam
0.5 ft. to 1.0 ft. – 10YR 3/3, silty loam-10YR4/3, silty clay loam
1.0 ft. to 1.5 ft. – 10YR4/3, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 2 glass fragments, 2 brick fragments, 1 slag fragment
0.5 ft. to 1.0 ft. – 1 brick fragment, 1 charcoal fragment, 1 slag fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 037

Date excavated: 06/17/11. Excavator initials: ASA, HC
STP Location: Block 8, Lot 1, SW N0, E60

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/3, silty loam
0.5 ft. to 1.0 ft. – 10YR 3/3, silty loam-10YR4/3, silty loam
1.0 ft. to 1.5 ft. – 10YR 4/3, silty loam mottled with 10YR 4/4 silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 2 possible slag fragments, 1 tooth fragment, 1 brick fragment
0.5 ft. to 1.0 ft. – 4 brick fragment, 3 metal fragments
1.0 ft. to 1.5 ft. – no artifacts

STP No. 038

Date excavated: 06/14/11. Excavator initials: ASA

STP Location: Block 8, Lot 1, SW N20, E40

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/3, silty loam

0.5 ft. to 1.0 ft. – 10YR 3/3 silty loam mottled with 10YR 4/4, silty loam

1.0 ft. to 1.5 ft. – 10YR 4/4, clay loam mottled with 10YR 4/6 silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 brick fragment, 1 glass fragment

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

STP No. 039

Date excavated: 06/15/11. Excavator initials: ASA

STP Location: Block 8, Lot 1, SW N20, E60

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 4/3, silty loam

0.5 ft. to 1.0 ft. – 10YR 4/3, silty loam-10YR4/4, silty clay loam

1.0 ft. to 1.5 ft. – 10YR4/4, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 slag fragment, 1 metal fragment, 1 flat glass

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

STP No. 040

Date excavated: 06/17/11. Excavator initials: TM, AW

STP Location: Block 8, Lot 1, SW N40, E0

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/2 sandy loam-7.5YR4/4, silty loam

1.0 ft. to 1.5 ft. – 7.5YR4/4, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 glass fragment

0.5 ft. to 1.0 ft. – 2 glass fragments, 2 ceramic fragments

1.0 ft. to 1.5 ft. – 1 brick fragment

STP No. 041

Date excavated: 06/17/11. Excavator initials: TM, AW

STP Location: Block 8, Lot 1, SW N40, E20

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/3, sandy loam

0.5 ft. to 1.0 ft. – 7.5YR 3/3 sandy loam-7.5YR4/4, silty loam

1.0 ft. to 1.5 ft. – 7.5YR4/4, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 2 glass fragments

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – 1 iron fragment (nail?)

STP No. 042

Date excavated: 06/17/11. Excavator initials: HC, ASA

STP Location: Block 8, Lot 1, SW N40, E40

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/4, silty loam

0.5 ft. to 1.0 ft. – 10YR 4/3, silty clay loam-10YR 4/4 silty clay loam

1.0 ft. to 1.5 ft. – 10YR 4/4 silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 brick fragment

0.5 ft. to 1.0 ft. – 1 flat glass

1.0 ft. to 1.5 ft. – no artifacts

STP No. 043

Date excavated: 06/15/11. Excavator initials: ASA

STP Location: Block 8, Lot 1, SW N40, E60

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/3, silty loam

0.5 ft. to 1.0 ft. – 10YR 3/3, silty loam-10YR4/4, silty clay loam

1.0 ft. to 1.5 ft. – 10YR4/4, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 glass fragment, 1 nail fragment, sample of burned (?) wood

0.5 ft. to 1.0 ft. – 1 glass fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 044

Date excavated: 06/17/11, 6/20/11. Excavator initials: TM, MM
STP Location: Block 8, Lot 1, SW N60, E0

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2 sandy loam-7.5YR4/3, silty loam
1.0 ft. to 1.5 ft. – 7.5YR4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 glass fragment, 3 ceramic fragments, 4 brick fragments, 2 nail fragments, 1 chert fragment
0.5 ft. to 1.0 ft. – 1 brick fragment, 1 glass fragment
1.0 ft. to 1.5 ft. – no artifacts

STP No. 045

Date excavated: 06/20/11. Excavator initials: TM, AW
STP Location: Block 8, Lot 1, SW N60, E20

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2 sandy loam-7.5YR4/3, silty loam
1.0 ft. to 1.5 ft. – 7.5YR4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 flat glass fragment, 1 nail
0.5 ft. to 1.0 ft. – 2 glass fragments, 1 ceramic fragment, 2 mortar fragments
1.0 ft. to 1.5 ft. – 1 plastic film, 1 brick fragment

STP No. 046

Date excavated: 06/20/11. Excavator initials: TM, MM
STP Location: Block 8, Lot 1, SW N60, E40

Levels excavated:

0.0 ft. to 0.5 ft. – 7.5YR 3/2, sandy loam
0.5 ft. to 1.0 ft. – 7.5YR 3/2 sandy loam-7.5YR4/3, silty loam
1.0 ft. to 1.5 ft. – 7.5YR4/3, silty loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 1 brick fragment, 1 ceramic fragment

0.5 ft. to 1.0 ft. – 7 brick fragments, 2 glass fragments

1.0 ft. to 1.5 ft. – no artifacts

STP No. 047

Date excavated: 06/17/11. Excavator initials: ASA, KA

STP Location: Block 8, Lot 1, SW N60, E60

Levels excavated:

0.0 ft. to 0.5 ft. – 10YR 3/2, silty loam

0.5 ft. to 1.0 ft. – 10YR 3/2, silty loam-10YR 4/4 silty clay loam

1.0 ft. to 1.5 ft. – 10YR 4/4 mottled with 10YR 4/6, silty clay loam

Notes on artifacts recovered in each level:

0.0 ft. to 0.5 ft. – 2 metal fragments, 1 brick fragment

0.5 ft. to 1.0 ft. – no artifacts

1.0 ft. to 1.5 ft. – no artifacts

Block 8 Unit Summary

Terrence Martin, Miriam Manda, Elizabeth Usherwood, Shawn Fields, and Antoinette West

Block 8, Lot 1, EU 3

As noted above, the shovel test pits (STPs) were 12-inches in diameter and excavated in 0.5-foot arbitrary increments. Excavators placed the STPs at five-foot intervals in a 20 foot by 30 foot area in the southwestern corner of the lot, and at 20-foot intervals in the remaining southern half of the lot. Excavation Unit 3 is a 5 ft. x 5 ft. unit, placed between STPs 9, 10, 16, and 17. Its northwest corner is located 10 feet north and 5 feet east of the southwest corner of Block 8 Lot 1.

The location of EU 3 in Block 8, Lot 1 was established using several lines of evidence. When artifact frequencies from the STPs are plotted on a distribution map, EU 3 is located in between two concentrations of artifacts, including an especially high count for STP 16. Information gleaned from the analysis of STP stratification also encouraged further investigation.

Excavation of the STPs revealed an unusually sticky sediment in STP 17. Shovel Test Pit 10 was unusual in the very shallow transition to undisturbed subsoil. And finally, excavators noticed that, after one of the season's many rainstorms, water that collected in STP 16 drained relatively rapidly, whereas the other STPs held water for a day or longer.

This location was also of interest because it is immediately to the north of EU 1, which was excavated during the 2008 season, based on the presence of a geophysical anomaly (Fennell 2009).

“Today I’m working with Dr. Martin on Block 8. It was amazingly awesome. We opened up a new unit - EU 3 – around the area of the STPs.”

- Elizabeth Usherwood [NSF-REU student]

Excavators began Level A1 as an arbitrary level of 0.5 ft. The ground surface in EU 3 slopes downward from southwest to northeast so that after the removal of the sod, the northeast corner was nearly 0.5 ft. below the datum in the southwest corner. Level A1’s average opening elevation is 765.043 ft. above mean sea level (amsl). The average closing elevation is 764.799 ft. amsl. The level consists of sediment that is Munsell code 7.5YR 3/2 (dark brown) with a silty loam texture. Historic artifacts uncovered in the level included: glass fragments (flat and container); slag; brick fragments; metal fragments; slag; and mortar. There was also a fragment of modern plastic, indicating how recently the area has been plowed or otherwise disturbed.

“Today I mostly worked with Terry on EU 3, taking it down one level from 0.5 ft to 1 ft, which we succeeded in finishing.”

- Shawn Fields [NSF-REU student]

The team began excavation of Level A2 as an arbitrary layer of 0.5 ft. Level A2’s average opening elevation is 764.799 ft. amsl. The average closing elevation is 764.352 ft. amsl. The level’s sediments are Munsell color 10YR 4/4 (dark yellowish brown) with 7.5YR 3/3 (dark brown) silty loam plow scars running north to south through the excavation unit. Excavators noted that the density of historic artifacts in this layer was “light” and included: brick; slag or charcoal; metal fragments; ceramic fragments; and glass fragments. Excavators also remarked on the few pebbles encountered.

“I’m working on Block 8 today, where the schoolhouse was. We’ve been finding glass, small traces of brick and charcoal, and a nail.”

-Miriam Manda [NSF-REU student]

Level A3 was an arbitrary layer of 0.5 ft. that included soils below the level of the plow zone. The average opening elevation of Level A3 is 764.352. The average closing elevation was not recorded on the field forms. The sediment continued to present as a 10YR 4/4 (dark yellowish brown) silty loam. Historic artifacts included: flat glass; nail fragments; brick fragments; chert; and a segment of a rubber hose. According to excavators, nearly all of these artifacts came from the eastern portion of the unit, where the profile is more shallow. The dividing line between plow zone and subsoil appears in the west sidewall between 1.10 and 1.15 ft. below the EU 3 datum (southwest corner).

<u>mega strat</u>	<u>level</u>	<u>stratum</u>	<u>munsell</u>	<u>texture</u>	<u>opening elev. amsl</u>	<u>closing elev. amsl</u>	<u>description</u>
I	A1	SOD LAYER/ PLOWZONE	7.5 YR 3/2	SANDY LOAM	765.043	764.799	Extensive root mat. Slopes from southwest to northeast. A dark brown sandy loam.
I	A2	PLOWZONE	7.5 YR 3/2	SANDY LOAM	764.799	764.352	Same as A1 above, but with fewer roots and fewer intrusive modern artifacts.
I/B	A3	PLOWZONE/ SUBSOIL	10 YR 4/4	SILTY LOAM	764.352	N/A	Transition to subsoil, with few artifacts.

Block 12 Unit Summaries

Anna Agbe-Davies, Meaghan Alston, Terrance Martin, Blair Starnes, Tyquin Washington, Margaret Wolf (2010), Kaila Akina, Shawn Fields, Joseph Tonelli, Amanda Burt, Elizabeth Usherwood, and Thomas Glantz (2011).

Block 12, Lot 3, EU 1

The Excavation Units (EUs) on Block 12, Lot 3 were excavated by NSF-REU field school students, under the supervision of Anna Agbe-Davies during the 2010 season, and Terrance Martin, during the 2011 season. Excavations commenced on Block 12 following several lines of evidence. Shovel tests excavated in 2005 indicated a concentration of artifacts on that block, from Lots 1-4, sufficient to warrant further investigation (Fennell 2006). The shovel tests were 12-inches in diameter and excavated in 0.5-foot arbitrary increments. Excavators placed the STPs at 20-foot intervals across Block 12, Lots 1-6.

Excavation of Block 12, Lot 3 was designed to further explore artifact concentrations identified during a shovel test pit (STP) survey conducted in 2005 (Fennell 2006). Excavators recovered significant numbers of architectural artifacts and nineteenth-century ceramics in STPs 4, 15, 16, and 17 in the northern portion of the lot. These STPs also reported subsoil appearing at a greater depth than the surrounding pits, perhaps an indicator of features below the plow zone. The archaeologists decided to place the 5 ft. by 5 ft. excavation units in an area bounded by the STPs of interest. The exact location was determined by the use of dowsing rods, with the idea that this would be an opportunity to ground truth this controversial technique. EU 1 is located 20 ft. south and 15 ft. east of the northwest corner of Block 12, Lot 3.

“[The] rods supposedly react to different magnetic fields in the earth. Holding loosely parallel to each other, you watch to see if they cross...I wonder how it works in a scientific sense.”

- Tyquin Washington [NSF-REU student]

Excavation of the first level, A1, began as an arbitrary level of 0.5 ft. Level A1's average opening elevation is 756.687 ft. above mean sea level (amsl). The average closing elevation is 756.362. The level is composed of 10YR 3/2 (dark grayish brown) loamy sediments that were extraordinarily sticky due to wet conditions (see below). Historic artifacts recovered include: ceramic fragments; charcoal; slag; brick fragments; mortar; metal fragments; and nails. Excavators also identified several possible prehistoric (flaked stone) artifacts.

“The soil was so damp that it was easier to go through the dirt with water than just trying to dry screen. We did that, got soaked, and were able to level out all of Unit 1 and shoot the points.”

- Margaret Wolf [NSF-REU student]

The unit is down slope from Block 12, Lot 4, EU 1, in an area that is much flatter and retains a great deal of water, both runoff from the hill to the west and water draining through the soil. Excavators water screened (1/4 inch mesh) much of the sediment, as it was too wet for ordinary screening. Rain fell so frequently that the unit was impossible to excavate completely. Level A2 commenced at 756.362 ft. amsl, but was soon abandoned.

Excavation resumed in 2011, with the removal of A3, a “cleaning” level with an average closing elevation of 755.961 ft. amsl, which is 0.401 ft. below the opening elevation of Level A2. The sediments were a 7.5 YR 3/2 (dark brown) silty loam and what appeared to be a discrete area of 7.5YR 4/4 (brown) silty loam concentrated in the northwest corner of the unit. Significant quantities of artifacts included: nails; curved glass; flat glass; ceramics; brick fragments; mortar; and a glass button. The *terminus post quem* was established by the presence of multiple fragments of Bakelite (1907). Excavators remarked on the water seeping into the unit from the layer below and also the side walls and indicated that water drainage was poor throughout.

“It seems as though water is seeping up from under the soil causing the need for continuous bailing. The soil, in fact, is mud, so sifting was a challenge.”

- Antoinette West [NSF-REU student]

Level A4 extended from the bottom of the plow zone to 1.5 ft. below the surface. The average opening elevation was 755.961 ft. amsl. The average closing elevation was 755.393 ft. amsl. The sediment is a 7.5YR 3/4 (dark yellowish brown) silty clay loam. The finds from this layer included: brick fragments; mortar fragments; curved and flat glass; metal fragments and ceramics. In the southeast corner, a dark soil stain consisted of a 10YR 3/2 (very dark grayish brown) silty loam. The artifacts recovered from the feature were: brick fragments; charcoal; ceramics; metal fragments; flat and container glass; and mortar. Excavators described it as linear and identified it as a possible rodent burrow.

“Today we excavated EU 1 and found a dark area in the southeast corner, as well as some mortar, brick, and a small piece of transfer print ceramic.”

- Thomas Glantz [NSF-REU student]

The dark stain first observed in Level A4 was designated Level A5 from 1.5 ft. below the surface and was excavated to the cut or basin of the feature. The average opening elevation was 755.351 ft. amsl. The average closing elevation was 755.128. The sediment continued to appear as a 10YR 3/2 (very dark grayish brown) silty loam. Artifacts included: mortar fragments; a ceramic fragment; brick fragments; metal fragments, and charcoal.

<u>mega strat</u>	<u>level</u>	<u>stratum</u>	<u>munsell</u>	<u>texture</u>	<u>opening elev. amsl</u>	<u>closing elev. amsl</u>	<u>description</u>
I	A1	SOD LAYER/ PLOWZONE	10YR 3/2	SANDY LOAM	756.687	756.362	The sediment exhibits gray mottling throughout and is clearly rich in organics--very strong smelling following a rain. Excavators noticed a concentration of artifacts along the southern edge of the unit. Overall, artifacts dominated by architectural fragments (brick, mortar)
I	A2	PLOWZONE	10YR 3/2	LOAMY CLAY	756.362	N/A	This level was begun, but not completed, due to the continual soaking by frequent rains. The artifacts recovered are dominated by brick fragments and glass.
I	A3	PLOWZONE	7.5 YR 3/2	SILTY LOAM	N/A	755.961	This "cleaning" level contained 20 th century artifacts (synthetics) as well as less datable architectural items (brick, mortar). A discrete area of darker fill was observed in the northwest corner of the unit.
I	A4	PLOWZONE/ FEATURE	7.5YR 3/4 / 10YR 3/2	SILTY CLAY LOAM/ SILTY LOAM	755.961	755.393	Once below the level of the plowzone, a feature was observed in the southeast corner of the unit. It is a possible rodent burrow. Both the layer and the feature contained a small artifact assemblage consisting primarily of construction materials.
I	A5	FEATURE	10YR 3/2	SILTY LOAM	755.351	755.128	The feature continued slightly deeper than 1.5 ft below the surface, with a linear shape and similar, though fewer, artifacts.

Block 12, Lot 3, EU 2

Excavation of Block 12, Lot 3 was intended to further explore artifact concentrations identified during a 2005 shovel test pit (STP) survey (Fennell 2006). Notable numbers of architectural artifacts and nineteenth-century ceramics came from STPs 4, 15, 16, and 17 in the northern portion of Lot 3. These STPs also tended to report subsoil appearing at a greater depth than the surrounding pits, which might mean that features existed below the plow zone in those locations. Excavators wanted to place EU 2 in an area bounded by the STPs of interest. The exact location was selected using dowsing rods, with the idea of ground truthing this controversial technique. EU 2 is located immediately north and west of EU 1: 15 ft. south and 10 ft. east of the northwest corner of Block 12, Lot 3.

Level A1 was opened as an arbitrary level of 0.5 ft in the sod and plow-zone layer. Level A1's average opening elevation is 756.938 ft. above mean sea level (amsl) and average closing elevation is 756.695 ft. amsl. The level is composed of sediment that is Munsell code 10YR 3/2 (dark grayish brown) with a sandy loam texture that was nonetheless very sticky due to frequent soaking. Historic artifacts were uncovered in the level including: brick fragments; ceramic fragments; flat glass; container glass; nails; mortar; and slag.

“There are also more large pieces of brick and mortar in the unit and we continue scraping soil along the way. Maybe we will find a feature. Here's hopin'!”

- Tyquin Washington [NSF-REU student]

Excavators began A2 as an arbitrary level of 0.5 feet, but stopped when the sediments became too waterlogged to excavate without damage to the unit. The sediment was again a 10YR 3/2 (dark grayish brown) sandy loam. Artifacts included: ceramic fragments; glass fragments; nails and brick fragments.

“Our unit is still flooded so we are helping Teams Y and Z with screening and digging again...Afternoon and our unit is still flooded.”

- Margaret Wolf [NSF-REU student]

Excavation resumed in 2011, with the removal of A3, a “cleaning” level with an average closing elevation of 756.295 ft. amsl. The sediment was a mottled 7.5YR 4/4 (brown) and 7.5YR 3/2 (dark brown) silty loam. Excavators encountered a significant number of architectural fragments, especially flat glass, brick, nails, and mortar. Other artifacts included: container glass; ceramics; and two fragments of wood.

“We continue to sift the terrible mud, but it keeps piling up. It is frustrating work but artifacts continue to appear.”

-Hillary Christopher [NSF-REU student]

Level A4 was an arbitrary level extending through the bottom of the plow zone to 1.5 ft. below the surface. The average opening elevation was 756.295 ft. amsl, with an average closing

elevation of 755.826 ft. amsl. The sediment was a 7.5YR 3/4 (dark yellowish brown) silty clay loam. The artifact density dropped precipitously and consisted of only a few fragments of ceramic, flat glass, container glass, metal and brick.

It may be that the dowsing rods were responding to the unusually high concentration of architectural debris (including brick and iron fragments) in Level A3 of EU 2. The anomaly might also reflect the tendency of the sediments to collect and retain water for long periods of time. However, no archaeologically significant features were uncovered as a result of the dowsing experiment.

<u>mega strat</u>	<u>level</u>	<u>stratum</u>	<u>munsell</u>	<u>texture</u>	<u>opening elev. amsl</u>	<u>closing elev. amsl</u>	<u>description</u>
I	A1	SOD LAYER/ PLOWZONE	10YR 3/2	SANDY LOAM	756.938	756.695	This level was a sandy loam that was unusually sticky due to frequent soaking. Architectural fragments dominated the artifact assemblage.
I	A2	PLOWZONE	10YR 3/2	LOAMY CLAY	756.695	N/A	Excavators only just began this level before it had to be abandoned. Among the few artifacts recovered were fragments of whiteware and yellowware, and several brick and nail fragments.
I	A3	PLOWZONE	7.5YR 4/4 W/ 7.5YR 3/2	SILTY LOAM	N/A	756.295	A large number of architectural fragments were found in this level of the plowzone, well over 100 artifacts. Also a large number of ceramic sherds.
I	A4	PLOWZONE/ SUBSOIL	7.5YR 3/4	SILTY CLAY LOAM	756.295	755.826	Similar sediments to the level above, but with far fewer artifacts.

Block 13, Lot 4 Unit Summaries

*Kathryn Fay, Antoinette West, Miriam Manda, Annelise Morris, Elizabeth Usherwood,
MaryKathryn Rocheford*

Excavation Unit 6

Archaeologists began the 2011 excavations on Excavation Unit 6 at level B1, after removing the backfill from the 2010 season. Level B1 consists of cellar fill from Feature 12, and was excavated contextually until a context change was revealed (as a layer of rubble and brick). Archaeologists opened the level at 766.061 ft. amsl and closed it at 765.603 amsl. The sediment in Level B1 had a Munsell color of 10 YR 3/1 and a texture of silty loam. The southwest corner of this level contained a larger concentration of brick than the rest of the unit. Historic artifacts contained in this level were: bone (n=21); shoe parts; clothing; ceramic (n=48); glass (n=91); metal (n=168); charcoal; wood and brick (n=42). Level B1 was closed when archaeologists hit a layer of rubble and brick, also present at the same depth in EU 13.

“So far we have found small animal bones, metal nails, and some glass shards.”

-Antoinette West [NSF Student]

Level B2 was excavated by context, removing the layer of rocks, brick, and rubble. The level was opened at 765.603 amsl, and closed at 765.365 amsl. The sediment in this level had a Munsell color of 10 YR 3/2, and a texture of silty loam. An abundance of historic artifacts were contained in this layer, including: mortar; charcoal; shell; one button; slag; brick (n=25); ceramics (n=30); glass (n=53); bone; one eyelet; straight pins (n=3); one pencil; leather (n=4); nails (n=183); metal; and, wire. Level B2 was closed at the bottom of the rubble/rock fill.

Level B3/a1 was excavated at an arbitrary layer of 0.5 ft. The level was opened at 765.365 amsl, and closed at 764.669 amsl. The sediment in this level had a Munsell color of 10 YR 3/1, and a texture of silty loam. Excavators noted that the rocks in this level were somewhat larger in the southeast corner, and were similar to the rocks present at this depth in EU 14. Archaeologists found that a concentration of charcoal, mortar, and brick was present in the southwest quadrant. Historic artifacts contained in this level were: metal; brick; wasp's nest; scissors; charcoal; nails (n=161); ceramics (n=29); glass; bone (n=23); one straight pin; and, a metal button.

“We found large concentrations of charcoal in the NE and NW corners, and we've also been finding more large rocks, ceramics, lots of nails, bone, and a strange bluish-green substance.”

-Miriam Manda [NSF Student]

Archaeologists found Level B4 to be a level of ash, which was excavated contextually. The level was opened at 764.669 amsl and closed at 763.895 amsl. The ash layer had a Munsell color of 7.5 YR 3/1, and was mottled with burned brick, charcoal, and mortar. Excavators found that the Southeast quadrant of this layer contained a grey and pink ashy deposit, identical to the deposit in EU 14 at the same depth. The remainder of the unit was a mixture of ash and mortar, with a large amount of burned bricks. Historic artifacts uncovered from the layer of ash include: nails (n=559); ceramic (n=19); glass; brick; mortar; wasp's nest; metal (n=30); charcoal; leather; pencils (n=2); and, a button.

“This morning was ridiculous! It took maybe a half hour to bail out the tarps, and now the soil is muddy and hard to sift through.”

-Antoinette West [NSF Student]

Level B5 consisted of a thin layer of cellar fill below the ash. The level was opened at 763.895 amsl, and closed at 763.488 amsl when archaeologists reached sterile soil. The Munsell color of the sediment in this layer was 10 YR 5/4 (yellowish brown) with a texture of heavy silty clay loam. Excavators noted that the sediment was mottled with sterile soil, mortar, and a small amount of ash from the previous layer. Few historic artifacts were recovered from this layer, including: Copper (n=1); glass; ceramic (n=4); shell; mortar; slag; nails (n=23); metal; brick; and, bone (n=13). This was the last excavation layer of this unit.

<u>Mega-Strat</u>	<u>Level</u>	<u>Stratum</u>	<u>Munsell</u>	<u>Texture</u>	<u>Opening Elev Amsl</u>	<u>Closing Elev Amsl</u>	<u>Description</u>
II	B1	CELLAR	10 YR 3/1	SILT LOAM	766.061	765.603	Artifacts such as clothing and ceramics were uncovered, and a rubble layer was revealed.
III	B2	CELLAR/RUBBLE FILL	10 YR 3/2	SILT LOAM	765.603	765.365	The rubble fill contained artifacts such as metal, straight pins, and ceramics
IV	B3/a1	CELLAR	10 YR 3/1	SILT LOAM	765.365	764.669	Cellar fill contained a prevalence of nails, and a pair of scissors
V	B4	ASH	7.5 YR 3/1	ASH	764.669	763.895	Ash layer indicates house burning, hundreds of nails were recovered.
VI	B5	CELLAR BELOW ASH	10 YR 5/4	HEAVY SILTY CLAY LOAM	763.895	763.488	Layer terminated in sterile soil.

Excavation Unit 12

Terrance Martin, Anna Agbe-Davies, Liz Usherwood, Annelise Morris, Kathryn Fay

Excavations were begun with the plow zone in A1, at an arbitrary level of 0.5 ft from the datum (NE corner). This unit was placed adjacent to F12 on the West side. Excavations opened at 767.024 amsl and closed at 766.741 amsl. The sediment had a Munsell color of 7.5 YR 3/2 (dark brown) with a texture of sandy loam. Historic artifacts recovered from this unit include: charcoal (n=1); slag (n=5); a dense scatter of brick (n=12); bone (n=27) (cottontail rabbit, possibly intrusive); white ware (n=35); stoneware (n=23); metal (n=7); nails (n=34); and, glass (n=120). Seven possible prehistoric artifacts were recovered as well.

“I am working on the probably sterile unit 12 today; I would be extremely surprised if the unit had any artifacts outside of the plow zone.”

-Elizabeth Usherwood [NSF Student]

Level A2 was a continuation of the plow zone, and as such was excavated at an arbitrary level of 0.5 ft. The level opened at 766.741 amsl and closed at 766.219 amsl. The sediment in this layer had a Munsell color of 7.5 YR 3/3 (dark brown), and at the base of Level A2 the color was uniform throughout. Level A2 had a texture of sandy loam. Excavation uncovered a north-south plow scar visible at 0.9 ft. below datum on the west side of the unit, but this disappeared by 1.0 ft. below datum. The density of artifacts decreased notably by the bottom of the level. Historic artifacts recovered include: ceramics (n=38); brick; charcoal; tooth fragments; buttons (n=2); an eyelet; slag; metal; flat (n=21); and, curved glass (n=84).

Level A3 was almost entirely sterile, and was excavated to terminate at the same depth of the adjoining unit, EU 13. Level A3 was opened at a depth of 766.219 amsl and closed at 765.944 amsl. The Munsell color of this level was 10 YR 3/4 (dark yellowish brown) throughout, with a texture of silty loam. The only artifact recovered from this level was one fragment of colorless glass. This unit was then closed, and these excavations determined that EU12 lies entirely outside Feature 12.

<u>Mega strat</u>	<u>Level</u>	<u>Stratum</u>	<u>Texture</u>	<u>Munsell</u>	<u>Opening Elev. amsl</u>	<u>Closing Elev. amsl</u>	<u>Description</u>
I	A1	PLOWZONE	SANDY LOAM	7.5 YR 3/2	767.024	766.741	The top of the plow zone contained a dense scatter of brick and other artifacts
I	A2	PLOWZONE	SANDY LOAM	7.5 YR 3/3	766.741	766.219	Shallow N-S plow scar and decreasing density of units with depth
I/II	A3	PLOWZONE/ STERILE	SILT LOAM	10 YR 3/4	766.219	765.944	Almost entirely culturally sterile; only one glass artifact recovered

Excavation Unit 13

Kathryn Fay, Elizabeth Usherwood, Thomas Glantz, Shawn Fields, Amanda Burt, Annelise Morris

The team began excavation of Level A1 as an arbitrary level of 0.5 ft. below datum (NE corner). This opening level was adjacent to the known limits of Feature 12. Level A1 was opened at an elevation of 767.226 ft. amsl and closed at 766.883 amsl. The sediment had a Munsell color of 7.4 YR 3/2, and the texture was silty loam. Historic artifacts recovered were: bone (n=2); slate; charcoal; brick (n=32); metal; nails (n=25); button; ceramics (n=60); vessel glass (n=65); milk glass; and, flat glass.

“Today we finished the first level of EU 13. Artifacts were all fractions of their former selves and we expect to proceed onto the next level as soon as possible.”

-Amanda Burt [NSF Student]

Excavators removed level A2 (plow zone) at an arbitrary level of 0.5 ft. The sediment in the unit had a Munsell color of 7.5 YR 3/2, with a texture of silty loam. Level A2 opened at 766.883 amsl, and closed at 766.391 amsl. At the close of the unit, the soil began to gradually get lighter to the west, where the texture changed to silty clay loam. Mortar mottling was present in the southeast portion of the unit. Historic artifacts uncovered from this level include: metal (n=108); mortar; charcoal; brick (n=82); ceramics (n=38); glass; bone; shell (n=1); and, one example of lead gun shot.

Level A3 was also excavated at an arbitrary level of 0.5 ft., and at the base of the level, these excavations exposed the western edge of Feature 12. The opening elevation for Level A3 was 766.391, and closed at 765.888 amsl. Level A3 opened at the eastern 2/3 of Level A3, had a Munsell color of 7.5 YR 3/3 (dark brown), and exhibited a silty loam texture. The western 1/3 had a Munsell color of 7.5 YR 4/4 (Dark Brown) and a texture of silty clay loam. Historic artifacts uncovered from this level include: ceramics (n=37); metal (n=249); brick; mortar; flat glass (n=56); curved glass (n=25); leather; bone; charcoal; coal; mortar; bead (n=1); button (n=1); and, clothing (n=2).

Level B1 was excavated to expose the rubble layer just beneath A3, which was also visible in EU14 at the same depth. B1 was removed to match the same depth of EU6. The opening elevation for Level B1 was opened at 765.888 amsl and the level was closed at 765.822 amsl. As the western third of EU13 consists of sterile soil at this level, B1 only exists in the eastern 2/3 of EU13. Excavators noted that this level contained high concentrations of charcoal and mortar. Historic artifacts uncovered from this level include: glass (n=7); ceramic; and, nails (n=16). Excavators observed a distinct context change within EU13 matching that in EU6, as a result this level was closed.

“I found some ceramic that has a stamp of the maker so it would be easy to date. That will be cool to see about in the lab.”

-Shawn Fields [NSF Student]

The team excavated Level B2 at an arbitrary level of 0.5 ft. This level's stratum consists of cellar fill, notably large amounts of stone and brick, with the brick concentrated in the southeast corner. This rubble/fill context continues east into EU 6. Level B2 was opened at 765.822 amsl and closed at 765.360 amsl. The sediment in this level had a Munsell color of 10 YR 3/2, with mottling of sterile soil on the west side, the sterile soil having a Munsell color of 7.5 YR 4/4. The sediment in Level B2 had a silty loam texture. Historic artifacts recovered from this level include: bone (n=12); ceramic (n=14); flint; flat glass; mortar; brick; metal (n=28); and, charcoal. A flotation sample was taken from this level.

Level B3/a1 was excavated at an arbitrary level of 0.5 ft. This level begins a new context, beneath the rubble/rocks removed from Level B2. The level was opened at 765.35 amsl and closed at 764.711 amsl. The level's stratum consisted of cellar fill. The sediment in Level B3 had a Munsell color of 7.5 YR 3.2 (dark brown), and in the west 1/3 of the unit, this was mottled with subsoil which had a Munsell color of 10 YR 4/4. The sediment had a texture of silty loam. Historic artifacts recovered from this unit include: mortar; charcoal; ceramic (n=9); brick (n=28); glass; metal; nails (n=44); leather; bone (n=25); a button; and, a brass fountain pen tip. Excavators reported that Level B3 contained a medium concentration of medium- to large-sized rocks in the northwest corner; and also exhibited a larger amount of brick and charcoal in the southeast corner.

"I worked today entirely on EU 13. Continuing to screen and dig and dig and screen...my hand hurts."

-Amanda Burt [NSF Student]

Level B3/a2 was excavated at an arbitrary level of 0.5 ft, continuing within the same context of B3/a1. The opening elevations of this unit were 764.711 amsl and the unit was closed at 764.296 amsl. The sediment in this level had a Munsell color of 10 YR 3/3 (dark brown), and on the west 1/3 continued to show mottling of 10 YR 4/4 (yellowish brown). The texture of this sediment was silty clay loam. This level contained a medium concentration of brick, as well as small- to medium-sized rocks. The excavators reported a continuance of the concentration of charcoal and mortar in the southeast corner. Historic artifacts uncovered from this level include: brick; charcoal; ceramic (n=4); nails (n=48); metal; a bolt (n=1); and, burned nut shell (n=4).

Level B3/a3 was a continuation of the B2 context, excavated to the close of the context. The level was opened at 764.296 amsl and closed at 764.078 amsl. The sediment in this level had a texture of silty clay loam. The feature fill portion of the unit showed a Munsell color of 10 YR 3/3, while the west third of the level contained sterile soil with a Munsell of 10 YR 4/4 (dark yellowish brown). Historic artifacts contained in this level include: nails (n=98); copper; burned glass; mortar; wasp nests (n=6); brick; and, charcoal. The level was concluded when archaeologists uncovered a layer of burnt mortar and ash.

Level B4 was an ash layer from the house burning, and archaeologists excavated this level contextually. The level was opened at 764.078 amsl and closed at 763.928 amsl. The ash in this layer had a Munsell color of 7.5 YR 3/1, and the texture of this layer was ash, with inclusions of sand and decomposing mortar. Historic artifacts recovered from the ash layer were: ceramic (n=2); brick; mortar; glass (n=13); one metal ring; charcoal (n=10); and, nails (n=46).

“EU 13 has an ash layer in the east 1/3 of the unit, while the west 2/3 is sterile.”

-Amanda Burt [NSF Student]

Archaeologists excavated Level B5 contextually. This level consisted of the sediment beneath the ash layer, until archaeologists found sterile soil. Level B5 opened at 763.928 amsl and closed at 763.789 amsl. The sediments in this layer had a Munsell color of 7.5 YR 4/4 and a texture of silty clay loam. Level B5 terminated when sterile soil was encountered. Historic artifacts in this level were few, and were: nail (n=1); and, glass (n=1).

<u>Mega strat</u>	<u>Level</u>	<u>Stratum</u>	<u>Texture</u>	<u>Munsell</u>	<u>Opening Elev. amsl</u>	<u>Closing Elev. amsl</u>	<u>Description</u>
I	A1	PLOWZONE	SILT LOAM	7.5 YR 3/2	767.226	766.883	The top of the plowzone contained large concentrations of ceramic and glass
I	A2	PLOWZONE	SILT LOAM	7.5 YR 3/2	766.883	766.391	Plowzone contained rocks in the South half, and ceramics, glass, and brick
I	A3	PLOWZONE/ FEATURE FILL	SILT LOAM/ SILTY CLAY LOAM	7.5 YR 3/3	766.391	765.888	Feature fill contains a large amount of metal and brick, outline of feature edge beginning to show
II	B1	CELLAR	SILTY LOAM	10 YR 3/2	765.888	765.822	W 1/3 is sterile, Cellar fill E 2/3 of level. Contained few historic artifacts and uncovered a large rubble/brick concentration.
III	B2	CELLAR/RU BBLE FILL	SILT LOAM	10 YR 3/2	765.822	765.360	Rubble fill primarily contained rock and brick.
IV	B3/a1	CELLAR	SILT LOAM	7.5 YR 3/2	765.360	764.711	Cellar fill contained large, flat rocks, ceramics, brick, and nails
IV	B3/a2	CELLAR	SILTY CLAY LOAM	10 YR 3/3	764.711	764.296	Cellar fill contained brick, nails, and charcoal. West side was mottled with sterile subsoil.
IV	B3/a3	CELLAR	SILTY CLAY LOAM	10 YR 4/6	764.296	764.078	Cellar fill contained nails, burned artifacts, and wasps' nests. Level exposed ash layer.
V	B4	ASH	ASH	7.5 YR 3/1	764.078	763.928	Ash layer was thin in this unit, and contained fewer artifacts
VI	B5	CELLAR	CELLAR	7.5 YR 4/4	763.928	763.789	Sediment beneath ash layer came to sterile soil, and had few artifacts.

Excavation Unit 14

Kathryn Fay, Shawn Fields, Kaila Akina, Annelise Morris, Elizabeth Usherwood, MaryKathryn Rocheford, Miriam Manda

Excavations in 2010 removed the plow zone from EU 14. In 2011, excavations began at the top of the cellar fill of Feature 12, in Level B1. Level B1 was excavated contextually, and consisted of a dense lens of artifact fill within the cellar. This level was closed at 766.198 ft. amsl. The sediments in this layer had a Munsell color of 10 YR 3/2, and a texture of silty loam.

Archaeologists noted that this layer was mottled with charcoal throughout, and that some bones were recovered from what may be a metal pot in the southeast corner; these bones were bottled separately. Historic artifacts recovered from this dense rubble fill consist of: shell; leather (n=5); slag; mortar; shoe eyelet; metal lids (n=2); whole bottles (n=8); pocket knife; buckle; buttons (n=4); metal caster; brick; bone (n=40); charcoal; flat glass (n=74); ceramics (n=132); metal (n=1018); and, glass (n=1623).

“We found two bones that were from a smaller animal, and also some more glass and ceramics.”

-Miriam Manda [NSF Student]

Level B2 was removed at an arbitrary depth of 0.5 ft. The level was opened at 766.109 amsl and closed at 765.734 amsl. The sediments in this layer of cellar fill had a Munsell of 10YR 3/2 and a texture of silty loam. Archaeologists noted that medium to large rocks were present, clustering in the south-southwest quadrant of the unit and continue into EU 14; excavators hypothesize that this may represent some kind of wall fall. The level continued to have a large amount of historic artifacts (although not quite as dense as the previous layer). Historic artifacts recovered from this level include: bone (n=32); ceramics (n=43); glass (n=200); shoe leather (heel); buttons; glass; metal (n=210); mortar; charcoal; whetstone; brick; and, slate.

Archaeologists removed Level B3 at an arbitrary depth of 0.5 ft. The sediments in this layer had a Munsell color of 7.5 YR 3/2 and a texture of sandy clay loam. Level B3 was opened at 765.834 amsl and closed at 765.203 amsl. The rocks exposed in the previous level continued in this level in the southern quadrant, but were smaller. A flotation sample was taken from this level. Historic artifacts recovered from Level B3 include: leather; mortar; charcoal; brick; ceramic (n=26); glass (n=52); clothing hook (n=2); buckle; slate; lock plate; metal (n=28); nails (n=117); bolts (n=3); wire; bone (n=77); shell (n=2); white metal; bead; buttons (n=4); and, straight pins (n=2).

“Digging in EU 14 today, and it has much more stuff in it than EU 17!”

-Shawn Fields [NSF Student]

Level B4/a1 was excavated at an arbitrary depth of 0.5 ft. The level was opened at 765.203 amsl and closed at 764.602 amsl. The sediments in Level B4 had a Munsell color of 10 YR 3/2 and a texture of sandy clay loam. Archaeologists noted that the south quadrant of the layer was mottled with 10 YR 5/8 and a sandy concentration of 10 YR 7/2. In addition, the layer was mottled with charcoal, mortar, and brick throughout. Excavators noted that the rocks continued

to get smaller, and the amount of brick increased towards the bottom of the layer. Historic artifacts uncovered from this unit were: slate; brick; slag; charcoal; glass (n=38); ceramic (n=15); wasp's nest; metal buttons; glass buttons; tacks (n=8); metal (n=10); nails (n=216); wire; bolt; white metal (n=2); milk glass button (n=3); and, bone (n=51).

Level B4/a2 was a continuation of the B4 context, excavated contextually until archaeologists came down on the ash layer. This level was opened at 764.702 amsl and closed at 764.533 amsl. This thin layer had a Munsell of 7.5 YR 3/2 and continued to be mottled with sandy ash and charcoal, with a texture of sandy clay loam. Historic artifacts excavated from this layer were: bone (n=3); pipe (n=); wasp's nest; charcoal; ceramic (n=4); glass (n=15); burnt brick; nails (n=91); white metal (n=3); slag; and, other metal (n=5).

Archaeologists excavated Level B5, a layer of ash and charcoal, contextually. The level was opened at 764.533 amsl and closed at 764.186 amsl. This layer was mottled with sand, ash, mortar, and charcoal, and had a mottled Munsell color of 10YR 3/3, 10 YR 6/2, 10 YR 5/2, and 10 YR 5/6. Excavators encountered a "rainbow" colored patch in the western quadrant and opted to excavate that separately. This layer, consisting of ash and charcoal, was predominated by bricks and historic artifacts recovered were: charcoal; bone (n=6); wasp's nests (n=3); glass (n=10); brick; nonferrous nails (n=50); metal (n=312); and, ceramics (n=17).

"We found the layer of ash, which suggests that the house burned down. We are finding fewer artifacts but lots of nails especially."

-Kaila Akina [NSF Student]

Level B6 consisted of the "rainbow" colored section of the ash layer, and was excavated contextually. This layer was opened at 764.186 amsl and closed at 763.999 amsl. The sediments in this layer had a Munsell color of 10 YR 3/3, 10 YR 2/1, 10 YR 6/2, and 10 YR 5/6. Historic artifacts recovered from this layer were: bone (n=6); ceramics (n=4); metal; nails (n=31); charcoal; and, glass (n=2).

Level B7 was the terminal layer of this unit, consisted of a thin layer of cellar below the ash layer, and was excavated contextually until archaeologists reached sterile soil. This layer was opened at 763.999 amsl and closed at 763.586 amsl; and, it should be noted that the level sloped from the northeast (highest) to the southwest (lowest). The sediments in this layer had a Munsell color of 7.5 YR 6/6 and a texture of sandy clay loam. Few artifacts were uncovered from this layer, and they included: bone (n=13); shell; button; charcoal; ceramics (n=7); glass (n=15); tack (n=1); coin (n=1); and, metal (n=13).

Mega Strat	Level	Stratum	Texture	Munsell	Opening Elev. Amsl	Closing Elev. Amsl	Description
II	B1	CELLAR FILL	SILT LOAM	10 YR 3/2	N/A	766.198	Dense artifact layer, metal and glass predominated and a pocketknife was found.
III	B2	CELLAR FILL	SILT LOAM	10 YR 3/2	766.198	765.734	Fewer artifacts than the previous layer, rock cluster in SW corner uncovered.
IV	B3	CELLAR FILL	SANDY CLAY LOAM	7.5 YR 3/2	765.734	765.203	Layer contains smaller rocks and a sizeable amount of bone
V	B4/a1	CELLAR FILL	SANDY CLAY LOAM	10 YR 3/2	765.203	764.602	Layer was mottled with sandy sediments, and nails predominated the artifact assemblage.
V	B4/a2	CELLAR FILL	SANDY CLAY LOAM	7.5 YR 3/2	764.602	764.533	Thin layer just above the ash layer contained brick concentrations, and nails predominated.
VI	B5	ASH	ASH	10 YR 3/3 10 YR 6/2 10 YR 5/2 10 YR 5/6	764.533	764.186	Ash layer contained predominantly brick and nails
VII	B6	ASH	ASH	10 YR 3/3 10 YR 2/1 10 YR 6/2 10 YR 5/6	764.186	763.999	Separated from B5 due to color, however they're likely the same context.
VIII	B7	CELLAR FILL	SANDY CLAY LOAM	7.5 YR 6/6	763.999	763.586	A coin was recovered from this layer, which terminated in sterile soil.

Excavation Unit 15

Kathryn Fay, Annelise Morris, Hillary Christopher, Amanda Burt, Elizabeth Usherwood, Mary Kathryn Rocheford, Antoinette West, Shawn Fields

Previous excavations removed the plow zone from EU 15, and excavations in 2011 began below the backfill, at Level B1. This level was excavated contextually, removing the cellar fill/rubble layer and closing when the rubble layer was removed. Level B1 was opened at an average of 767.186 ft. amsl and closed at 766.460 amsl. Level B1 consisted of a cellar fill/rubble artifact concentration, had a Munsell color of 7.5 YR 3/2 (dark brown) and a texture of silty loam. Excavators noted that this layer was mottled with small charcoal bits throughout and mortar and sand in the northeast corner. This layer was closed when the dense rubble pile ended. Archaeologists encountered a large portion of burned wood in the southeast quadrant, and an ash deposit containing burnt earth and metal artifacts.

Level B2 was removed at an arbitrary level of 0.5 ft. Archaeologists note that this layer of cellar fill contained fewer artifacts than the previous level, and contained more rocks and rubble. Level B2 was opened at 766.469 amsl and closed at 766.034 amsl. The sediment in this layer had a Munsell color of 10 YR 3/3, and a texture of silty loam. Excavators noted that this level was mottled with mortar and charcoal. Historic artifacts uncovered from this layer consist of: leather (n=5); gun flint (n=1); mortar; textiles; charcoal; slate (n=6); bone (n=38); brick (n=34); ceramics (n=69); metal (n=218); flat glass (n=36); and, curved glass (n=99).

“We have been uncovering more stone and ceramics, metal, and lots of glass bottles.”
-Hillary Christopher [NSF Student]

Archaeologists removed Level B3 was removed at an arbitrary level of 0.6 ft. and consisted of cellar fill. The level was opened at 766.034 amsl and closed at 765.397 amsl. The sediments in this layer had a Munsell color of 10 YR 3/3 and a texture of silty loam. Numerous historic artifacts were recovered from this layer, including: brick; slate; whetstone (n=1); charcoal; mortar; ceramic (n=45); glass (n=69); eyeglasses; leather; bone (n=44); buttons (n=6); glass bead; nails (n=133); barrel strapping; buckle (n=1); wire; and, unidentified metal (n=136).

“We found huge amounts of glass shards from broken bottles and a belt-chain type object.”
-Antoinette West [NSF Student]

Level B4 of the cellar fill in F12 was excavated contextually, and closed when archaeologists came down on a layer of ash and charcoal. This level was opened at 765.397 amsl and closed at 764.979 amsl. The sediments in this layer continued to have a Munsell color of 10 YR 3/3, but the texture had changed to sandy clay loam. Historic artifacts recovered from this level include: buttons; nails (n=329); glass (n=30); metal (n=40); charcoal; ceramic (n=26); bone (n=31); burnt wasp nest; and, burnt glass (n=26).

Excavators removed Level B5, a layer of ash and charcoal, contextually. The level was opened at 764.979 amsl and closed at 764.575 amsl, but it should be noted that this level had a pronounced slope from south (higher) to north (lower). The sediments in this layer were mottled

with ash, charcoal, and mortar, and the overall Munsell color was 10 YR 3/1, mottled with 10 YR 7/4. The texture throughout was ash. Archaeologists discovered a large burnt timber through the center of the unit, which was removed in chunks for later testing and identification. Historic artifacts removed from this layer include: ceramic (n=74); glass (n=17); charcoal; mortar; bone (n=22); nails (n=482); wasp's nests (n=2); metal (n=59); buttons; and, a burnt timber sample.

“We found a lot of ash, so that might be evidence of a house fire and we are trying to get to sterile soil underneath it.”

-Shawn Fields [NSF Student]

Level B6 was the terminal layer of this unit, consisted of a thin layer of cellar fill below the ash layer, and was removed contextually until archaeologists encountered sterile soil. The layer was opened at 764.575 amsl and closed at 764.05 amsl. Historic artifacts uncovered from this layer include: carved shell (n=1); bone (n=18); brick; tacks; button; glass (n=28); mortar; ceramics (n=7); charcoal; metal; nails (n=43); and, timber. This level was closed when archaeologists reached sterile soil.

Mega Strat	Level	Stratum	Texture	Munsell	Opening Elev. Amsl	Closing Elev. Amsl	Description
II	B1	CELLA R FILL	SILT LOAM	7.5 YR 3/2	767.186	766.46	Cultural layer of cellar fill just beneath backfill, contained a very dense artifact concentration
III	B2	CELLA R FILL	SILT LOAM	10 YR 3/3	766.46	766.034	Fewer artifacts than previous level, recovered a gun flint
IV	B3	CELLA R FILL	SILT LOAM	10 YR 3/3	766.034	765.397	Archaeologists recovered a nearly complete pair of eyeglasses from this level
V	B4	CELLA R FILL	SANDY CLAY LOAM	10 YR 3/3	765.397	764.979	Nails and burnt artifacts were predominantly found in this level.
VI	B5	ASH	ASH	10 YR 3/1 10YR 7/1	764.979	764.575	Ash layer consisted of a heavy nail concentration, and a burnt timber was recovered from this layer.
VII	B6	CELLA R FILL	N/A	N/A	764.757	764.05	Terminal layer below ash, closed in sterile soil. Contained worked shell.

Excavation Unit 16

Kathryn Fay, Annelise Morris, Joseph Tonelli, Thomas Glantz

Excavations in 2010 removed the plow zone in Excavation Unit 16. In 2011, excavations began at Level B1. After opening the level, archaeologists immediately encountered cellar fill, and so this layer was excavated at an arbitrary level of 0.5ft. Level B1 was opened at 768.251 ft. amsl and closed at 767.327 amsl. The sediment in this level had a Munsell color of 10 YR 3/3 with a texture of silty loam. Excavators noted that this level was mottled with charcoal. The level also exhibited small burning stains. Historic artifacts uncovered were numerous, and included: metal (n=848); ceramic (n=379); vessel glass (n=1230); flat glass (n=245); bone (n=22); burned glass (n=21); mortar; brick; slate; buttons (n=37); charcoal; slag; eyelets; lid liners; leather; whetstone (n=6); eyeglasses; hairpin; buckle; bottles; shell; wood; bullet casing; and, shotgun shell.

“We started working in unit 16 today and found two tea cups: one was white and gothic style and one was white and blue.”

-Thomas Glantz [NSF Student]

Excavations of the cellar fill, Level B2/a1, began with an arbitrary level of 0.5 ft. The level was opened at 767.327 amsl and closed at 766.575 amsl. The sediments in Layer B2/a1 had a Musell color of 7.5 YR 3/2 and a texture of silty loam. This layer of cellar fill yielded an abundance of historic artifacts, including: plaster; mortar; brick; stoneware (n=8); yellow ware; white ware; charcoal; leather (n=3); eggshell; glass buttons (n=3); metal buttons (n=2); bone; white metal; glass (n=64); hardware; metal (n=31); and, nails (n=44).

Level B2/a2 was excavated at an arbitrary level of 0.5 ft. The cellar fill in this level had a Munsell color of 10 YR 3/2 with a texture of silty loam. This level was opened at 766.515 amsl and closed at 766.180 amsl. At the close of this unit, a layer of large rocks are beginning to show. Historic artifacts uncovered from this layer include: bone (n=29); ceramic (n=48); leather; charcoal; glass (n=28); shell; a fork; metal (n=70); mortar; brick; a metal button; and, porcelain doll leg (n=1). Archaeologists uncovered largely intact shell from this layer.

“We’re making good progress and finally found lots of rocks that could be evidence of the foundation!”

-Joseph Tonelli [NSF Student]

Level B3 was a rocky layer beneath the layer of fill in the cellar of F12, included a large amount of rocks, and was excavated at an arbitrary level of 0.5 ft. This level was opened at 766.180 amsl, and closed at 765.589 amsl. The sediment in this level had a Munsell color of 7.5 YR 3/2, and a texture of silt loam. Archaeologists report that this level was also mottled with clay deposits throughout. Historic artifacts uncovered in this layer include: bone (n=21), brick, mortar, burned nutshell, metal tack, a straight pin, milk glass buttons (n=2), glass (n=18), ceramic (n=30), metal (n=45). This level was closed when it became impossible to excavate past the rock layer.

“I managed to get some dirt out of the unit but there are many rocks. Which doesn’t rock.”

Archaeologists excavated Level B4/a1 at an arbitrary depth of 0.5ft. The level was opened at 766.589 amsl and closed at 764.977. This level had a Munsell color of 7.5 YR 3.2 (dark brown) with a texture of silty loam, and was mottled with 10 YR 4/6 (dark yellowishb) with a texture of silty clay loam. Excavators noted that the rocks present in the previous level terminate at about three ft. below datum, and also noted a concentration of large, flat rocks along the eastern wall. Archaeologists also noted that the largest concentration of artifacts was near the top of the level, decreasing with depth with the exception of a bottle fragment found very deep in the level. About one foot out from the north and west walls, excavators encountered a sandy sediment concentration, and in the center of the unit, a concentration of “reddish clay”. Historic artifacts uncovered from this layer were: a horseshoe; a metal round coupling; straight pin (n=1); mortar; charcoal; nails (n=53); a bolt; a metal button; glass (n=17); ceramics (n=21); metal; and, bone (n=7).

Level B4/a2 was removed contextually by archaeologists. The southern half of this layer exposed sterile soil, while the northern portion came down on an ash layer. Level B4/a2 was opened at 764.977 amsl and closed at 764.814 in the north half and 764.208 in the southern (sterile) portion. This layer had a Munsell color of 10YR 4/3 (dark brown). This level shows clearly the outer limits (on the southern side) of the ash layer. Historic artifacts uncovered from this layer include: bone (n=6); nails (n=63); other metal; mortar; ceramic (n=12); glass; buttons; and, charcoal.

Archaeologists excavated Level B5, a layer of ash and charcoal, contextually. This layer was opened at 764.814 amsl and closed at 764.707 amsl. This level consists of the northern half of EU16, that half that had not terminated in sterile soil up to this point. The ash layer in this level was multi-colored due to mixtures of sand, mortar, and charcoal and had a mottled Munsell of 10 YR 6/3 (pale brown), 10 YR 5/2 (Grayish Brown) and 10 YR 3/1 (Very Dark Grey). The texture of the sediments in this layer was ash and sand. Excavators noted that there was a large intact piece of burnt wood found in the northwest quadrant of the level, and also that a circle of heavy clay was noted in the corner of the unit, approximately three feet in diameter. Historic artifacts uncovered in this layer were dominated by nails: ceramic (n=4); charcoal; bone (n=19); copper (n=5); glass (n=3); unidentified metal (n=6); and, nails (n=125).

“The ash layer’s edge is exposed in EU 16, likely delimiting the extent of the cellar.”
-Annelise Morris [Crew Chief]

Level B6 consisted of a thin layer of cellar fill below the ash layer and was excavated by archaeologists contextually. The level was opened at 764.707 amsl and closed at 764.302 amsl. The sediment in this layer had a Munsell color of 7.5 YR 3/2 (Dark Brown) and a texture of sandy clay loam. Metal predominated the assemblage recovered from this layer: metal (n=30); ceramic (n=4); glass (n=3); bone (n=11); and, beads (n=2). This unit was closed when the layer terminated at sterile soil.

Mega Strat	Level	Stratum	Texture	Munsell	Opening Elev. Amsl	Closing Elev. Amsl	Description
II	B1	CELLAR	SILT LOAM	10 YR 3/3	768.251	767.327	Cellar fill contained an abundance of artifacts, including a large amount of metal, hairpins, and a pair of eyeglasses.
III	B2/a1	CELLAR FILL	SILT LOAM	7.5 YR 3/2	767.327	766.515	Cellar fill had an abundance of glass and ceramics in this layer.
III	B2/a2	CELLAR FILL	SILT LOAM	10 YR 3/2	766.515	766.18	Cellar fill came down on a rock layer, had an abundance of intact historic artifacts, including shell.
IV	B3	CELLAR FILL	SILT LOAM	7.5 YR 3/2	766.18	765.589	Level contained a large concentration of rocks, and historic artifacts such as straight pins and buttons.
V	B4/a1	CELLAR FILL	SILT LOAM	7.5 YR 3/2	766.589	764.977	Archaeologists encountered few artifacts, and the rocks began to thin out
V	B4/a2	CELLAR FILL	SILT LOAM	10 YR 4/3	764.922	N: 764.814 S: 764.208	This level exposed sterile soil in the Southern half, and the Ash layer in the Northern half.
VI	B5	ASH LAYER	ASH	10 YR 6/3, 10YR 5/2, 10YR 3/1	764.814	764.707	The ash layer contained a predominance of nails and other burnt artifacts.
VII	B6	CELLAR FILL	SANDY CLAY LOAM	7.5 YR 3/4	764.707	764.302	Metal predominated this layer, which closed in sterile soil.

Excavation Unit 17

Annelise Morris, Kathryn Fay, Joseph Tonelli, Shawn Fields, Anna Agbe-Davies, Terrance Martin, Kaila Akina

EU 17 was opened adjacent to Feature 12 on the east side. The opening layer for excavations of EU 17 began at A1, a sod and plow zone layer, with an arbitrary depth of 0.5 ft. The average opening elevations for this unit were 768.109 amsl and the level closed at 767.701 amsl. This level consisted of sediment with a Munsell color of 10 YR 4/3 and a silty loam texture. Historic artifacts uncovered in this layer include: brick; mortar; glass (including flat glass, curved glass (n=44), and milk glass); ceramics (including whiteware and porcelain, for a total n=39); charcoal; slag; bone (n=7); buttons (n=2); and, metal.

“Found a fair density of artifacts today, including a cool shell and some ceramics and glass.”
-Joseph Tonelli [NSF Student]

Excavations on Level A2 were undertaken as an arbitrary level of 0.5 ft., as the stratum consisted of the plow zone. Opening elevations were 767.701 amsl and excavations closed at 767.2 amsl. The sediment had a Munsell color of 10 YR 4/2 with a silty loam texture. Historic artifacts uncovered were: glass (n=35); bone; brick; charcoal; metal (n=19); ceramic (n=17); and, one marble. Excavations in A2 revealed a stain (at 10 YR 3/2) in the southeast corner of the unit, which was identified as a possible post mold. This area was pedestaled throughout the excavation of the next level, A3.

“Excavation was interesting today because we found a soil change, circular in shape, near the southeast corner of the unit.”

-Kaila Akina [NSF Student]

Level A3 was opened at 767.2 amsl and closed at 766.694 amsl. This unit was also excavated at an arbitrary level of 0.5 ft. and terminated in sterile soil. The majority of the sediment in this level had a Munsell color of 10 YR 4/4, with 10 YR 3/4 on the western edge of the unit (bordering F12). Few artifacts were uncovered from this unit, including: white ware (n=1); milk glass (n=1); glass; bone; wood; charcoal; brick; mortar; and, metal, with metal predominating (n=13). The stain revealed in Level A2 was pedestaled, and was observed to continue through Level A3.

Feature 41 was assigned to the post mold revealed in EU 17, in Levels A2 and A3. In Level A3, feature 41 was pedestaled, then bisected to expose the profile of the feature. The top of the feature was at a depth of one foot from EU 17's datum (the southeast corner) and the bottom at 1.5 ft. The sediment within the feature had a Munsell color of 10 YR 3/2 and the texture was silty loam. We observed mottling of charcoal and mortar within the feature, and there were no artifacts recovered from feature 41. The team hypothesized that this could possibly be a support for a porch.

Mega Strat	Level	Stratum	Texture	Munsell	Opening Elev. Amsl	Closing Elev. Amsl	Description
I	A1	PLOWZONE	SILT LOAM	10 YR 4/3	768.109	767.701	Plow zone with a small scatter of artifacts
II	A2	PLOWZONE	SILT LOAM	10 YR 4/2	767.701	767.2	Plow zone with small scatter of artifacts and likely post mold (F 41) in SE corner
III	A3	PLOWZONE	SILT LOAM	10 YR 4/4 & 10 YR 3/4	767.2	766.694	Plow zone few artifacts and termination of post mold (F 41)

References Cited

Fennell, Christopher C.

2006 Report on Shovel Test Pit Surveys at the New Philadelphia Archaeology Site Pike County, Illinois (11PK455), Summer 2005. University of Illinois.

http://heritage.umd.edu/CHRSWeb/New%20Philadelphia/shovel_test_survey.pdf

Fennell, Christopher C., ed.

2009 New Philadelphia Archaeology Project: 2008 Archaeology Report.

<http://www.anthro.illinois.edu/faculty/cfennell/NP/2008ReportMenu.html>.

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