ARTIFACT ANALYSIS OF STRUCTURE 1
LONGDALE MINING COMPLEX

Antropology 378
Fall 1992
Kurt C. Russ
Professor John McDaniel
Lisee Goodykoontz
Richard Sherrill
December 17, 1992
**TABLE OF CONTENTS**

1. Introduction  
2. Historical Background  
3. Overview of Structure 1  
4. Classification  
5. Ceramic Types and Varieties  
6. Dating of Nails and Ceramics  
7. Inventory of Glass  
8. Catalog of Artifacts  
9. Inventory of Units  
10. Hypotheses  
11. Map of Structure 1  
12. Bibliography
Introduction

Under the direction of Mr. Kurt C. Russ, Washington and Lee University Research Archaologist, a Phase I archaeology survey was conducted by the Washington and Lee Anthropology 378 class at the Longdale Mining Complex on Simpson Creek, George Washington National Forest, Alleghany County, Virginia, in 1991. Historical research, topography, land use patterns, geology, and surviving structures indicated that the area was once the Longdale Mines, active from 1871 to 1914, and the site of the Australia Furnace. The team above found the potential for gathering information by investigating this site tremendous. Therefore, in April of 1992, an excavation of the complex was initiated by the Department of Archaeology at Washington and Lee University. It was undertaken, under the direction of Kurt C. Russ and Dr. John McDaniel, by forty-nine students enrolled in the archaeology field survey class. It had the purpose of recovering significant cultural information so as to make definitive statements concerning the cultural and historical significance of the area.

Thus far, 28 structures have been located on the complex. However, the expansive area under investigation was restricted during the initial excavation to the northwest side of Simpson Creek and southeast of State Route 60 at a maximum width of 600 feet and approximate length of 5000 feet. The artifacts from Structure 1, the southernmost structure, have been thoroughly analyzed and classified according to Roderick Sprague's scheme.
Historical Background

The Valley of Virginia produced high quality pig-iron that was in great demand on the New York and other commodities markets from the 1820's until the 1930's. Lead by three influential ironmasters, John Jordan, John Irvine, and William Firmstone, Alleghany County became the leading manufacturer of pig-iron bars in Virginia in the late nineteenth century. We believe the Longdale Mining Complex to be the industrial/domestic base for this manufacturing.

In 1827, John Jordan and John Irvine expanded their endeavors with the purchase of a plot in Alleghany County, approximately three miles due east of the confluence of the Cowpasture River and Simpson Creek, and the Luct Selina Furnace was erected. In 1831, the Jordan and Irvine Iron Company dissolved its partnership. All of the assets were divided equally between the four partners: John and Edwin Jordan, John Irvine, and John Jordan's son, Franklin. The assets included the two main complexes, Clifton Forge and Lucy Selina Furnace, 40,000 acres of land, fourteen slaves, and seven wagon teams.

In response to advances in technology (initiated by Mr. William Firmstone), the Jordans built a new hot blast furnace in 1848. This furnace was abandoned in 1852 in favor of a new, more modern furnace. This was the Australia Furnace, built in 1854 between Brushy Mountain and Simpson Creek.

At the onset of the Civil War, the Australia Furnace was managed by F.T. Glasgow. During the war, Joseph Anderson bought the Australia Furnace for 20,000 to insure a steady supply of pig-
iron for armaments and railroad equipment for the Confederate Army. At the end of the hostilities, in 1865, operations at the Austalian Furnace ceased.

In 1870, William Firmstone bought the area, 22,000 acres, and began the Longdale Iron Company. He upgraded the Lucy Selina furnace from cold-blast to hot-blast and then from charcoal to coke. In April, 1880, he constructed a new furnace, renamed Lucy Selina Longdale #1 and the new furnace was called Longdale #2. By 1881, Longdale's combined capacity averaged between 70 and 120 tons daily. This rate continued until it was shut down in 1911.
Structure 1

The Structure 1 excavations were begun along the northermost wall where a sill stone had earlier been identified. Eight units were defined utilizing a grid pattern of three foot squares. These were numbered 1 through 8. Later two more units were defined along the eastermost wall; they were designated Unit 17 and Unit 18. In the area, the units were excavated by means of a 4.5 inch mason's trowel, wisk broom, and dust pan. One quarter inch mesh screens were used to recover artifacts from the soil as removed by the excavators. All of the above units were excavated. Three features were also uncovered during the excavations. Feature 1, located contiguous to the foundation along the southern wall of Unit 1, is a roughly dressed, locally quarried limestone block approximately one foot square and two inches thick. It appears to be either an extension of the foundation or a pedestal for an exterior wooden support, possibly for a porch pillar. Feature 2 is a builder's trench which extends 5'2" from the corner of the foundation, along the southern wall of Units 2 and 3, and ends with an intersect with Feature 3, an animal burrow. The animal burrow extended through Units 1, 2, 5, 6, and continued through the north wall of Unit 6 and under the south wall/foundation in Unit 2. Although the field notes report the above features, we noted a discrepancy among the existing labelled bags of artifacts and the report from last spring. No further documentation could be located to verify either account.
Classification

In order to classify the artifacts which were located in and around Structure 1 we chose Roderick Sprague's classification scheme. The concept behind this scheme has been more recently phrased by Brauner this way:

I prefer a classifactory scheme which attempts to reflect some degree of cultural reality. Unlike the dilemma of prehistoric archaeology this is a task that is quite realistic for historic sites archaeology. A classifactory scheme based as much as possible on function and secondarily on material and morphology seems much more appropriate.

In Sprague's system, each artifact is placed in a particular functional category and described in the context of this category. The function of a cultural element is defined by Ralph Linton as an expression of its relation to things within the socio-cultural configuration, as opposed to use which is an expression of its relation to things external to that configuration. Therefore, we were able to classify artifacts and then analyze them in relation to the Longdale Mining Complex. As Saastamo said in an early attempt to utilize this classification "...the function of an artifact is determined not only by its form but also by the context in which it was found." This is because, in the final analysis, the purpose of a historic site study is to contribute to our understanding of the culture as a whole. This requires a knowledge of the function of cultural elements discovered at our site. This is precisely what Sprague's scheme aids one in accomplishing.

We did review other classification schemes. From the field of museology, the classification system for the Danish Ethnological Museum while very complete and useful for organizing one's thoughts, it is not practical for the historical archaeologist. Another
approach we reviewed by Stanley South involves functional
categories or activity groups. The problem Sprague noted with this
system is that South has food preparation and eating at the same
level as shelter, quarters and kitchen. Therefore, the context in
which an artifact is found is taken into little consideration. One
other approach is to take purely descriptive terms without
attempting to assign any functional understanding. As a quick
inventory of artifacts, it is fine. But as a functional
classification for the analysis of historic site artifacts, it is
woefully inadequate. Therefore, we chose Sprague's scheme after
much careful thought and reviewing.

The classification scheme presented here was not based on any
other system but was made up in 1969 by Roderick Sprague when
preparing a research proposal for the National Science Foundation.
It has proved, in our case, to be very pragmatic, not theoretical
and it has aided us in our analysis of not only Structure 1 but the
entire Longdale Mining Complex.

- Where is mention of the fact that
his scheme is also defined based on what suited for
the analysis of late 19th and
20th century site.
Classification

I. Personal Items
   A. Clothing
      1. 12 buttons
      2. 1 plastic strap adjuster
      3. 2 pieces of metal belt buckle
      4. 1 metal snap
   B. Footwear
      1. 5 pieces of rubber from shoes
      2. 1 piece of leather from a shoe
   C. Adornment
      1. 1 heart shaped pendant with a carving of cupid inside of it
      2. 2 plastic beads
   D. Body Ritual and Grooming
      1. 2 pieces of plastic comb
   E. Medical and Health
   F. Birth Control Devices
   G. Indulgences
   H. Pastimes and Recreation
      1. 1 stoneware marble
   I. Ritual
   J. Pocket Tools and Accessories
      1. 1 piece of pocket watch
   K. Infant Care
   L. Luggage

II. Domestic Items
   A. Furnishings
      1. Furniture
         a. 1 wheel from the base of a piece of furniture
         b. 1 mattress coil
      2. Drapery, Rugs, Linen, and Dry Goods
      3. Decorative
   B. Housewares and Appliances
      1. Culinary
         a. 33 pieces of salt glazed and whitesalt glazed ceramic from storage vessels
         b. 10 pieces of metal pitcher
         c. 1 BALL mason jar lid
         d. 12 pieces yellowware from storage vessels
      2. Gustatory
         a. 210 pieces of plate and saucers
         b. 4 pieces of tea cups
         c. 1 metal table knife
         d. 1 metal teaspoon
      3. Portable Illumination
         a. 1 kerosene lamp dimmer
      4. Portable Waste Disposal and Sanitation
      5. Portable Heating, Cooling and Atmospheric Conditioning
      6. Domestic Ritual
7. Household Pastimes
   a. 1 late 19th century horseshoe
8. Home Education, Information and Business
   a. 1 piece of metal clock

C. Cleaning and Maintainance
   1. Cleaning
   2. Household Maintenance
   3. Laundry
   4. Sewing
   5. Pest Control
   6. Yard Maintenance and Decoration
   7. Pet Maintenance
   8. Domestic Safety

III. Architecture
   A. Structures
      1. remains of foundation of former domestic structure
   B. Construction
      1. materials
         a. bricks, half and whole measuring 9" by 4"
      2. hardware
         a. 1 door knob
         b. 1 hand wrought square cut nail
         c. 1 iron nut
         d. 1 metal door hinge
         e. 3 metal washers
         f. 1 square cut tack
         g. 980 machine cut square nails
         h. 132 wire nails
         i. 1 industrial size hook
         j. 3 round nails
         k. 1 metal rebarb rod
         l. 5 pieces of wire
         m. 6 metal spikes
         n. 31 wooden pegs
         o. 1 metal file
   C. Plumbing
      1. water supply
      2. sanitation
   D. Fixed Illumination and Power
   E. Fixed Heating, Cooling and Atmospheric Conditioning
   F. Conveyances
   G. Private Communications
   H. Architectural Safety
   I. Landscaping

IV. Personal and Domestic Transportation
   A. Vehicles
   B. Maintenance
   C. Ritual

V. Commerce and Industry
   A. Agriculture and Husbandry
   B. Hunting
      1. 1 shotgun shell cartridge
      2. 1 bullet shell
   C. Fishing
D. Gathering
E. Trapping
F. Logging
G. Mining and Quarrying
H. Construction
  1. architecture
  2. transportation
  3. utilities
I. Manufacturing
  1. Handicraft
  2. industrial
    a. fabrication
    b. research and development
    c. retail merchandising
J. Commercial Services
  1. food, drink, and lodging
  2. grooming
  3. jurisprudence
  4. monetary
  5. repair and maintenance
  6. medical
    a. medical practitioners
    b. pharmaceutical
    c. prosthetic devices
    d. technical services
  7. Animal Care and Treatment
  8. Funerary Services
  9. Entertainment
    a. shows and theater
    b. commercial sports and games
    c. commercial music and dance
    d. commercial sex

VI. Group Services
A. Governmental Administration
  1. Political Organization
  2. Bureaucratic Organization
  3. Trappings of Public Office
B. Public Safety
  1. fire
  2. police
  3. civil defense or militia
  4. military defense
C. Education
  1. schools
  2. libraries
  3. museums and galleries
  4. research facilities
D. Public Forum and Entertainment
  1. meeting house trappings
  2. parks and playground equipment
  3. public art
E. Utilities
  1. communication system
  2. transportation system
3. mail
4. water supply
5. sewage
6. trash disposal
7. power
F Penal

VII. Group Ritual
A. Religious Paraphernalia
B. Fraternal Paraphernalia
C. Public Monuments

VIII. Unknowns
A. Material (metal)
   1. 40 unidentifiable scraps of metal
   2. 31 pieces of tin
B. Material (glass)
   1. 13 pieces aqua mason jar
   2. 75 pieces blue mason jar
   3. 28 pieces clear mason jar
   4. 1 decorative glass handle
   5. 1 clear bottom of bottle from Automatic Bottle Machine
   6. 27 pieces of milk glass bottle seal insert
   7. 215 pieces aqua window glass
   8. 49 pieces curves aqua glass
   9. 110 pieces clear window glass
   10. 259 pieces clear curved glass
   11. 1 piece amber window glass
   12. 16 pieces amber curved glass
   13. 7 pieces blue curved glass
   14. 12 pieces frosted blue curved glass
   15. 2 pieces bright indigo blue window glass
   16. 3 pieces curved olive glass
   17. 2 pieces brown curved glass
   18. 1 piece orange window glass
   19. 4 pieces pink curved glass
   20. 1 pieces purple curved glass
   21. 1 piece blue glass bottle seal insert
Ceramic Types and Varieties

Based on the various decorative techniques, ceramics from the first three centuries of the nineteenth century can be classified by types. Offered below are basic descriptions of these types.

**Type- Undecorated Whiteware**

Undecorated whiteware pieces identified are those which lack any form of printed painted or molded decoration. This is, by far, the most abundant type of ceramic encountered at the complex. A wide variety of forms occurs in the Structure 1 of the Longdale Mining Complex including shards from plates, bowls, cups, platters and possibly pitchers. Although they were probably introduced somewhat earlier, undecorated whiteware vessels were most common in the period following the Civil War. It continued to be produced throughout the century.

**Type- Flow decoration, whiteware**

Flow blue decoration consists of painted or transfer printed designs on vessels in which the color has flowed out or bled into the surrounding undecorated portions of the vessel. A number of shards were located at Structure 1 from plates and saucers. The date of introduction of this type is uncertain. Based on various collections from the area it is believed to have produced from 1830-1860.

**Type- Plain embossed or molded rim, whiteware**

Plain embossed vessels are those lacking any form of printed or painted decoration but exhibiting a molded, raised ("embossed") geometric or floral design, generally around the rim of plates. There were a few pieces of this type located at Structure 1, most likely from plates or platters. It is suggested that these vessels were introduced in the late 1840's or early 1850's.

**Type- Luster decorated whiteware**

Luster decoration consists of a shiny metallic-appearing surface, generally in the form of a band around the rim of a vessel. Silver luster was made from platinum and copper luster from gold. According to Godden it was produced after 1800. Only a few shards of lusterware have been located.

**Type- Handpainted whiteware**

Handpainted decoration generally consists of floral or other designs applied by painting the vessel surface. Hughes and Hughes noted the use of floral designs along with the bird, animal, and insect motifs. Three color palettes are found among shards of this type: blue only, earthen colors, and brighter colors. Floral decorations in the earthen palate have been located with earthen green, brown, yellow, and orange predominating. Brighter colors,
including pinkish red, dark blue green, light blue, and black have also been found on whiteware vessels. Hume noted that between 1795 and 1815 soft pastel hues were generally used and continuing to about 1835, directly stenciled floral patterns in brighter colors became the vogue. We have located both the soft pastel and earthen hues, utilized until about 1830 and the later brighter hues utilized from about 1830 to 1860 or later. We believe all of the fragments located in Structure 1 to be tableware, most often teacups and plates. No vessels of this type decorated only with blue have been found.

**Type- Sponge decorated whiteware**

Sponged decoration, sometimes called spongeware, consists of the application of various colors to the vessel surface by means of an inked sponge. The spongeware located in Structure 1 was gold. It is suggested this form of decoration was introduced after the late 1820's or 1830, and perhaps continued to be used until about 1850 or 1860. Keyes suggested sponged decoration was introduced around 1830, and an exhibition catalogue of the Ohio State Museum dated its popularity from 1820-1860.

**Type- Transfer printed, whiteware**

Transfer printing consisted of the application of colored designs to a vessel by means of an inked waxed paper onto which the design was transferred from a copper plate engraving. A wide variety of designs including floral, geometric, and historical and other scenes was used. Prior to the 1830's, blue was the predominant color with black and sepia also used. A wider range of colors, including red, purple, lavender, green, brown, and brighter and lighter blues came into widespread use during the latter part of the 1820's (Hughes and Hughes), and multi-colored printing came into use around the 1840's. We encountered only pale lavender and light blue transfer print whiteware, most likely used as tableware.

**Type- Edge decorated, whiteware**

Edge decoration consists of a painted band around the rim of a vessel. Edge decoration was used on a variety of vessel forms; however, plates are the most common. All of the shards located in Structure 1 were from plates or possibly platters, and the most common decoration was a gold trim. Edge decoration of whiteware is suggested to have lasted from about 1840-1860.

**Type- Salt-glazed Stoneware, Albany Slip interior**

These vessels were usually storage forms like jugs, jars, coolers, pitchers, and bottles. This type was located at Structure 1 in large quantities. The fragments were usually grey and white (white salt glazed stoneware). Rim and base diameters were determinable for a number of these fragments which appear to be storage vessels.

*ARE THESE YOUR DEFINITIONS?*
Salt glazed stoneware is dated to 1830 to 1915+ with the height of popularity between 1830-1870.

Type- Coarse Earthenwares

These appear in shapes intended for use in the kitchen and for dairy use. The shards located at Structure 1 were usually grey in color and lacking glaze. All of those found in Structure 1 appear to have been fragments of storage vessels. This stoneware dates from about 1825 to 1890+.

Type- Porcelain hard-paste

These ceramics were very popular in the mid-19th century. Although porcelain was expensive at this time, many shards were recovered from Structure 1. The fragments were pieces of tableware, especially tea cups and saucers. This porcelain was made from 1820-1900+.

Type- Porcelain, decorated

Decorated porcelain was located in Structure 1, almost all of it being hand painted. The pieces recovered were from tableware, with one piece being the foot of a porcelain doll. The colors used for decoration ranged from bright red, green, and blue handpainted items to pastels which were transfer printed. The decorated porcelain dates from about 1820 to 1900+.

Type- Porcelain, hand painted chinese

These types of porcelain were first imported around 1840 and continue to be made today in both China and the United States. We located 7 pieces from plates or platters, all from the late 19th or early 20th century. One shard bore a maker's mark: "...RIAN CH..." and part of what appears to be a crest. It appears to be transfer printed onto the bottom of the shard.
## Dating of Nails

<table>
<thead>
<tr>
<th>Type</th>
<th>Count</th>
<th>Date Range</th>
<th>Mean Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>machine cut square nails</td>
<td>980</td>
<td>1830-present</td>
<td>1910</td>
</tr>
<tr>
<td>modern wire nails</td>
<td>135</td>
<td>1830-present</td>
<td>1910</td>
</tr>
<tr>
<td>hand wrought</td>
<td>1</td>
<td>17th, 18th, 19th c.</td>
<td>18th c.</td>
</tr>
<tr>
<td>square cut nails</td>
<td>1</td>
<td>17th, 18th, 19th c.</td>
<td>18th c.</td>
</tr>
<tr>
<td>metal spikes</td>
<td>6</td>
<td>1830-present</td>
<td>1910</td>
</tr>
<tr>
<td>square cut tack</td>
<td>1</td>
<td>1830-present</td>
<td>1910</td>
</tr>
</tbody>
</table>

Note: The nails listed above were all fully intact but they are still difficult to date precisely due to alterations. The source used to identify all of them was *Nail Chronology* by Lee H. Nelson.
## Dating of Ceramics

<table>
<thead>
<tr>
<th>Type</th>
<th>Count</th>
<th>Date Range</th>
<th>Mean Date</th>
<th>S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>plain yellowware</td>
<td>12</td>
<td>1826-1880</td>
<td>1853</td>
<td>1</td>
</tr>
<tr>
<td>undecorated (plain)</td>
<td>135</td>
<td>1830-1950</td>
<td>1890</td>
<td>1</td>
</tr>
<tr>
<td>whiteware</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>molded whiteware</td>
<td>2</td>
<td>1850-1950</td>
<td>1900</td>
<td>1</td>
</tr>
<tr>
<td>sponged whiteware</td>
<td>1</td>
<td>1830-1860</td>
<td>1845</td>
<td>2</td>
</tr>
<tr>
<td>handpainted whiteware</td>
<td>2</td>
<td>1840-1860</td>
<td>1850</td>
<td>1</td>
</tr>
<tr>
<td>flow blue transfer</td>
<td>7</td>
<td>1840-1870</td>
<td>1855</td>
<td>1</td>
</tr>
<tr>
<td>printed whiteware</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>transfer print: lavender</td>
<td>1</td>
<td>1830-1870</td>
<td>1850</td>
<td>1</td>
</tr>
<tr>
<td>blue</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>relief decorated whiteware</td>
<td>2</td>
<td>1840-1890</td>
<td>1865</td>
<td>4</td>
</tr>
<tr>
<td>coarse stoneware</td>
<td>12</td>
<td>1825-1890+</td>
<td>1867.5</td>
<td>3</td>
</tr>
<tr>
<td>saltglazed stoneware</td>
<td>25</td>
<td>1826-1905</td>
<td>1865.5</td>
<td>1</td>
</tr>
<tr>
<td>white saltglazed</td>
<td>6</td>
<td>1896-1905</td>
<td>1900.5</td>
<td>1</td>
</tr>
<tr>
<td>stoneware</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>porcelain, plain</td>
<td>3</td>
<td>1820-1900+</td>
<td>1860</td>
<td>3</td>
</tr>
<tr>
<td>porcelain, handpainted</td>
<td>6</td>
<td>1820-1900+</td>
<td>1860</td>
<td>3</td>
</tr>
<tr>
<td>porcelain, hard-paste</td>
<td>24</td>
<td>1820-1900+</td>
<td>1860</td>
<td>3</td>
</tr>
<tr>
<td>lusterware</td>
<td>2</td>
<td>1860-1880</td>
<td>1870</td>
<td>4</td>
</tr>
<tr>
<td>chinese handpainted</td>
<td>7</td>
<td>1875-1925</td>
<td>1900</td>
<td>4</td>
</tr>
<tr>
<td>porcelain</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sources:**
1) *Archaeology and History at the Sites Homestead: A 19th Century Farmstead in West Virginia*, Janet Brashler, ed.
2) *Pottery and Porcelain*, William C. Ketchum, jr.
3) *Phase III Investigation of the Whitten Road Site*, Shaffer, Custer, Grettler, Watson, De Santis
4) Kurt C. Russ, Washington and Lee Department of Archaeology
Inventory of Glass

<table>
<thead>
<tr>
<th>Color</th>
<th>Window shards</th>
<th>Curved Shards</th>
</tr>
</thead>
<tbody>
<tr>
<td>aqua</td>
<td>215</td>
<td>49</td>
</tr>
<tr>
<td>clear</td>
<td>110</td>
<td>259</td>
</tr>
<tr>
<td>amber</td>
<td>1</td>
<td>16</td>
</tr>
<tr>
<td>blue</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>frosted blue</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td>bright indigo</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>blue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>olive</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>brown</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>orange</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>pink</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>purple</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

Note: We assumed the shards of thin flat glass to be window glass but the curved shards were too small to determine whether they were from jars, bottles, or some other vessel.
STRUCTURE 1

Unit 1 layer 1 4/28/92 FB KJ
7 fragments undecorated whiteware, from a plate
1 fragment salt glaze stoneware, Albany slip interior
6 5" square cut nails
15 3" square cut nails
2 2 1/2" square cut nails
16 broken square cut nails
5 2 1/2" wire nails
1 3" wire nail
3 2" wire nails
4 pieces clear window glass
2 pieces aqua window glass
1 piece aqua curved glass
2 pieces clear curved glass
7 pieces of tin
3 wooden pegs
1 wooden knot

Unit 1 layer 1 4/27/92 MR PL
1 fragment undecorated whiteware
1 fragment coarse undecorated stoneware

Unit 1 layer 2 4/28/92 TC KJ FB
1 fragment curved olive glass
8 fragments aqua window glass
8 fragments clear window glass
9 fragments curved clear glass
1 fragment curved aqua glass

Unit 1 layer 2 4/28/92 TCU KJ FB
11 broken square cut nails
1 fragment mattress spring coil
1 2.5" wire nail
2 3" square cut nails
2 1.75" square cut nails
4 2.5" square cut nails
1 5" wire nail
1 2.5" wire nail
1 6" round spike
1 1.5" square cut nail

Unit 1 layer 2 4/28/92 TCU KJ FB
1 piece rubber shoe sole

Unit 1 layer 2 4/28/92 TCU KJ FB
1 piece whiteware undecorated
1 fragment salt glaze stoneware, Albany slip interior
1 piece stoneware coarse, undecorated,
   base diameter 15 cm.
Unit 1 layer 2 4/29/92 FBB TCU
1 fragment salt glaze stoneware, Albany slip interior
1 fragment luster ware
1 fragment whiteware undecorated imprint: La Franca... Loree...

Unit 1 layer 2 4/29/92 FBB TCM
2 wooden pegs 2" in length
15 fragments clear curved bottle glass
1 fragment curved cloudy aqua glass
5 fragments aqua window glass
1 fragment curved blue glass
8 fragments clear window glass
1 piece of base to a clear glass bottle Automatic Bottle Machine,
1903- present

Unit 1 layer 2 4/29/92 FBB TCU
4 1.5" square cut nails
1 3.5" round nail
2 2.5" wire nails
1 4" wire nail
1 3" spiral wire strand
1 1/2" bullet cartridge
1 1"x1/2" bullet cartridge
1 1.5" piece of roofing tin
3 3" square cut nails
2 3" round nails
8 broken square cut nails
7 unidentifiable metal shards
3 5" square cut nails
1 1/2" buckle tip
1 7/16" porcelain button- 4 holes
3 aqua window glass shards
13 clear window glass shards

Unit 1 layer 3 4/29/92 FBB TCU JMH
1 shard undecorated whiteware
2 fragments black plastic comb enscribed "New York Comb Co."
4 shard sclear window glass
1 piece clear curved glass
6 broken square cut nails
2 3" square cut nails
1 4.25" square cut nail
1 1.5" square cut nail
2 1.75" square nails
3 pieces of bent metal

Unit 1 layer 3 4/30/92 FB KJ
4 fragments clear window glass
1 fragment clear glass

Unit 1 layer 3 4/30/92 FB KJ
1 3" square cut nail
3 broken square cut nails
1 small piece of tin can
Unit 1 layer 3 4/30/92 FB KJ
1 wooden peg, 2.25"
4 fragments undecorated whiteware

Unit 1 layer 3 5/4/92 FBB
1 3" square cut hand wrought nail
1 .5" 4-hole button, porcelain
4 shards of clear window glass

Unit 2
Unit 2 layer 1 5/4/92 FBB
2 2.5" wooden pegs
1 fragment clear curved glass
4 broken square cut nails
1 4" square cut nail
1 3.25" square cut nail
5 3" square cut nails
1 3" wire nail
2 1.75" square cut nails
1 1.5" square cut nail

Unit 2 layer 1 5/4/92 FBB
1 2" square cut nail
1 8.5" piece of wire
1 fragment of sole of child's shoe

Unit 2 layer 1 5/7/92 FBB
1 2" wooden peg
1 3" wire nail
3 1.5" square cut nails
4 3" square cut nails
1 3.5" square cut nails
1 5" square cut nail
5 broken square cut nails

Unit 2 layer 2 5/11/92 BO
1 5" square cut spike
1 3" wire nail
1 2" square cut nail
2 1.5" square cut nails
1 1.25" square cut nail
1 1.75" square cut nail

Unit 2 layer 2 5/11/92 FB
3 fragments curved amber glass
4 fragments curved clear glass
14 fragments aqua window glass
6 fragments curved blue glass from a mason jar

Unit 2 layer 2 5/11/92 FBB
4 fragments white salt glazed stoneware, Albany slip interior
1 fragment salt glaze stoneware, Albany slip interior
2 fragments plate undecorated whiteware
Unit 2 layer 2 5/11/92 FBB
1 fragment white salt glazed stoneware, Albany slip interior, rim
18 cm. diameter
2 fragments flow blue ceramic

Unit 2 layer 2 5/11/92 FBB
1 .75" diameter button
1 3" modern machine cut nail
1 1.75" square cut nail
4 broken square cut nails
1 1.5" square cut nail

Unit 2 layer 2 5/12/92 TCU KEJ
1 7.5" strip of red rubber
1 coiled piece of thin wire
1 3" wire nail
1 3.5" square nail
13 broken square cut nails
3 1.5" square cut nails
2 2" wire nails
1 2" square nail
1 1.75" wire nail

Unit 2 layer 2 5/12/92 TCU KEJ
2 fragments salt glazed stoneware, Albany slip interior, rim
diameter 18 cm.
1 fragment unglazed porcelain hard-paste
2 fragments porcelain hard-paste, glazed outside, unglazed inside
1 fragment undecorated whiteware
2 fragments porcelain, hand-painted overglaze, enameled

Unit 2 layer 2 5/12/92 TCU KEJ
5 fragments aqua window glass
1 fragment amber curved glass
4 fragments curved aqua glass
7 fragments curved clear glass

Unit 2 layer 3 5/12/92 KEJ
1 fragment curved clear glass
1 fragment curved amber glass
1 fragment porcelain hard-paste with decorative overglaze

Unit 2 layer 3 5/12/92 KEJ
1 piece flow blue ceramic
2 pieces undecorated whiteware

Unit 2 layer 3 5/12/92 KEJ
1 3" square cut nail
8 small fragments scrap metal

Unit 2 layer 3 5/12/92 KEJ
1 belt buckle
5 broken nails
1 1.75" square cut nail
Unit 2 layer 3 5/13/92 FBB
2 3" wire nails
1 broken wire nail
1 4.5" piece of roofing tin

Feature 2
Feature 2 5/24/92 THG RCL TCU
1 piece undecorated whiteware
1 piece of metal possibly from a door hinge

Feature 2 5/26/92 TCU
1 fragment clear window glass
1 fragment blue mason jar
1 fragment white porcelain, no paste, possibly from a figurine

Feature 2 5/26/92 TCU
1 1.75" square cut nail
3 broken square cut nails
1 wheel (from bottom of a piece of furniture)
1 fragment of blue metal pitcher
1 round doorknob

Unit 3 layer 1 4/28/92 THG RCL
3 fragments curved amber glass
1 fragment curved aqua glass
1 neck of a clear glass bottle

Unit 3 layer 1 4/28/92 PCL THG
4 2.5" square cut nails
1 1.25" square cut nail
1 1.5" wire nail
1 2" square cut nail
5 3" square cut nails
2 3" wire nails
1 2.5" wire nail
1 1.75" square nail
7 broken square nails
2 3.25" square nails

Unit 3 layer 1 5/29/92 RCL THG
1 piece of whiteware, from a plate with an unidentifiable maker's mark on the bottom
1 large mother of pearl button-2 hole
3 fragments scrap metal
8 1.75" square cut nails
6 1.5" square cut nails
4 2" square cut nails
18 broken square cut nails
4 1.25" square cut nails
1 3.5" square cut nails
3 3.25" square cut nails
4 2.5" square cut nails
1 2" square cut nails
Unit 3 layer 1 5/29/92 RCL THG (cont.)
1 2" wire nail
2 3" wire nails
2 2.5" wire nails
1 1.75" wire nails

Unit 3 layer 2 4/28/92 THG RCL
6 fragments yellowware

Unit 3 layer 2 4/28/92 THG RCL
6 fragments undecorated whiteware, from a mug and plate

Unit 3 layer 2 4/28/92 THG RCL
1 porcelain button, 4 hole
2 pieces black slag
1 fragment clear window glass
1 wooden peg, 1.5"

Unit 3 layer 2 4/28/92 THG RCL
1 fragment porcelain hard-paste undecorated (1820-1900+)

Unit 3 layer 2 4/28/92 RCL JHG
1 .5" diameter washer
3 pieces of aqua window glass
3 pieces of curved clear glass
6 broken square nails
5 1.5" square nails
1 3" square cut nail
1 2.5" square cut nail
1 fragment of clock innards
1 6" industrial strength hook

Unit 3 layer 2 4/28/92 RCL THG
1 Ball can lid with milk glass sealer
7 1.75" square cut nails
2 1.5" square cut nails
1 2.5" square cut nails
1 3" square cut nail
1 4" square cut nail
12 broken square cut nails
1 small brown glass shard

Unit 3 layer 2 4/29/92 THG RCL
1 piece undecorated whiteware
1 piece yellowware
6 pieces of chinese hand painted porcelain plate, late 19th-early 20th century, 1 piece has company imprint "...RIAN CH..." (Austrian China?)

Unit 3 layer 2 4/29/92 THG RCL
1 broken square cut nail
1 1.5" square cut nail with piece of wood attached
1 1/2"x 10/16" iron nut (for 3/4" bolt)
Unit 3 layer 2 4/29/92 THG RCL
10 broken square cut nails
11 pieces tin can
6 1.5" square cut nails
2 1.75" square cut nails
1 2" square cut nail
2 2.5" square cut nails
1 3.25" square cut nails
2 2.5" square cut nails
2 3" square cut nails
1 4" square cut nail
1 1.75" L-head square cut nail
1 .75" square cut tack
1 1.75" wire nail
1 1.5" wire nail
1 3" wire nail
1 3" piece of wire
1 4.25" piece of wire
1 5.5" wire nail
4 pieces crimped/zig-zagged roofing metal
1 part of teaspoon with "tipped" handle
5 fragments clear curved glass
1 fragment blue curved glass
1 fragment amber curved glass
1 fragment olive glass

Unit 3 layer 2 4/29/92 THG RCL
5 fragments clear window glass
2 pieces of charcoal
1 porcelain button, 4 hole
1 piece whiteware with lavender transfer print
7 pieces undecorated whiteware, 5 from plate, 2 from handles of tea cups

Unit 3 layer 2 4/30/92 THG RCL
2 broken square cut nails
1 piece of clear window glass
1 1 cm round metal snap

Unit 3 layer 2 4/30/92 THG RCL
1 fragment whiteware undecorated
1 fragment lustreware, English, engine turned

Unit 3 layer 2 5/4/92 THG RCL TU
1 fragment undecorated whiteware
1 piece unidentifiable scrap metal

Unit 3 layer 3 4/29/92 THG RCL
2 fragments curved clear glass
1 fragment curved blue glass
2 fragments curved aqua glass
1 fragment clear patterned glass
Unit 3 layer 3 4/29/92 THG RCL
2 fragments clear window glass
1 piece aqua window glass
1 piece leather shoe 2" long- 4 metal lace holes

Unit 3 layer 3 4/29/92 THG RCL
1 fragment hard-paste decorated unglazed porcelain

Unit 3 layer 3 4/29/92 THG RCL
2 fragments undecorated whiteware

Unit 3 layer 3 4/30/92 THG RCL
1 8.5" square cut metal spike

Unit 3 layer 3 THG RCL TU
1 4" square cut nail
1 fragment curved clear glass with smooth lip

Feature 3
Feature 3 5/26/92 TCU
1 fragment side/bottom piece clear glass, rectangular bottle; has
3 vertical raised ridges
1 fragment clear window glass
2 fragments aqua window glass
3 fragments aqua mason jar
1 fragment blue mason jar

Feature 3 5/26/92 TN
1 fragment undecorated whiteware
6 pieces blue speckled pitcher
1 spout to blue speckled pitcher
5 wooden pegs
3 broken square cut nails
1 4" square cut nail
1 3 1/2" square cut nail
1 2 1/2" square cut nail

Feature 3 5/26/92 TCU
1 piece undecorated whiteware

Feature 3 5/27/92
2 pieces undecorated whiteware

Unit 4
Unit 4 surface layer 5/18/92 MBR JMH
2 3" square cut nails
1 1.25" broken square cut nail

Unit 4 layer 1 5/18/92 MBR JMH
15 fragments milk glass bottle seal insert: 1 fragment is
embossed with  LAIN LIN (possibly PLAIN LINER)
2 fragments undecorated whiteware
Unit 4 layer 1 5/18/92 MBR JMH
6 1.5" square nails
4 fragments of scrap metal
4 1.25" square cut nails
1 bullet cartridge (.38 Special)
10 broken square nails
2 5" square cut nails
5 2.5" square nails
5 3" square nails
3 3.25" square cut nails
1 1.75"square cut nail
2 3.25" square cut nail
2 2.5" wire nail
1 2" wire nail
1 3" wire nail

Unit 4 layer 1 5/18/92 MBR JMH
1 fragment clear window glass
1 fragment curved frosted aqua glass
6 fragments aqua window glass
2 fragments very thin curved clear glass
6 fragments curved clear glass
6 fragments from a blue Ball mason jar
4 fragments curved clear glass with embossing

Unit 4 layer 1 5/20/92 JH MR
11 pieces undecorated whiteware
1 piece milk glass bottle seal insert embossed with " D...P"

Unit 4 layer 1 5/20/92 JH MR
1 fragment undecorated whiteware

Unit 4 layer 1 5/20/92 JH MR
1 fragment porcelain hard-paste undecorated
1 broken square cut nail
1 thick clear glass decorative handle

Feature 4
Feature 4 5/4/92 FBB
1 piece of roofing tin
1 broken square cut nail
1 3.25" square cut nail
1 6" wooden peg
2 pieces of wood from a peg
1 portion of the toe of a shoe

Feature 4 5/13/92 TCU
2 fragments undecorated whiteware
1 fragment off-white plastic, possibly a strap adjuster
2 fragments curved clear glass
1 fragment aqua window glass
Feature 4 5/13/92 TCU
1 fragment of a tin can
1 3" square cut nail
1 1.5" square cut nail

Unit 5
Unit 5 surface layer 5/4/92 THG RCL
1 fragment curved clear glass from the bottom of jar

Unit 5 layer 1 5/4/92 THG RCL
4 wooden pegs, 1", 1.5", 1.5", 2.0"
2 fragments white saltglazed stoneware, Albany slip interior
2 fragments whiteware undecorated
1 fragment white porcelain, no paste, undecorated
1 fragment porcelain hard-paste, hand painted

Unit 5 layer 1 5/4/92 THG RCL
6 fragments curved clear glass
1 fragment aqua window glass
1 fragment milk glass mason jar sealing insert
2 fragments curved aqua glass
1 fragment blue mason jar

Unit 5 layer 1 5/4/92 THG RCL
1 fragment aqua window glass
14 broken square cut nails
1 fragment of a blue metal pitcher
6 pieces of wood
1 1.5" square cut nail
1 1.75" square cut nail
14 3.25" square cut nails
1 4" square cut nail
1 2.75" wire nail
1 3" square cut nail
2 2.5" square cut nails

Unit 5 layer 1 5/4/92 TG RL
3 3" square cut nails
2 1.5" square cut nails
2 2.5" square cut nails
5 broken square cut nails
1 2.5" wire nail
1 fragment of milk glass
4 wooden pegs

Unit 5 layer 1 5/4/92 THG RCL
1 blue speckled pitcher with a handle, flattened

Unit 5 layer 1 5/4/92 THG RCL
2 pieces undecorated whiteware
2 pieces undecorated yellowware ceramic
1 piece plain porcelain
1 piece overglazed enameled hand painted ceramic
Unit 5 layer 1 5/7/92 THG RCL
5 3" square cut nails
14 broken square cut nails
5 1.25" square cut nails
5 1.75" square cut nails
1 3" square cut nail
2 2" wire nails
2 1.5" square cut nails
2 3" wire nails
1 shotgun shell cartridge

Unit 5 layer 1 5/7/92 THG RCL
1 fragment salt glazed stoneware, albany slip interior
1 fragment white salt glaze stoneware, albany slip interior
1 fragment undecorated whiteware
1 fragment milk glass mason jar canning insert
6 fragments curved aqua glass
6 fragments curved clear glass
1 fragment clear window glass
2 fragments aqua window glass

Unit 5 layer 2 5/7/92 THG RCL
1 11.5" rod with an inch of thread at one end (for bolt)

Unit 5 layer 2 5/7/92 TG RL
1 3" square cut nail 13 broken square cut nails
6 1.5" square cut nails
2 3.5" square cut nails
2 3" square cut nails
2 2.5" square cut nails
1 1.75" square cut nails
2 2.5" wire nails
1 3" wire nail
5 broken wire nails

Unit 5 layer 2 5/7/92 THG RCL
2 fragments undecorated whiteware
1 fragment coarse undecorated stoneware
2 fragments clear window glass
1 fragment aqua window glass
4 fragments curved clear glass
1 fragment milk glass mason jar canning insert
4 fragments clear mason jar (1 with top rings)
5 fragments aqua mason jar
1 fragment curved light blue glass
3 fragments blue mason jar

Unit 5 layer 2 5/7/92 THG RCL
1 fragment undecorated yellowware ceramic
4 pieces undecorated whiteware
1 piece hand painted whiteware
1 piece undecorated whiteware with a maker's mark (from St. Louis)
1 piece porcelain with decorative overglaze
Unit 5 layer 2 5/7/92 THG RCL
5 fragments aqua mason jar
3 fragments curved clear glass
1 fragment curved aqua glass
7 fragments clear window glass

Unit 5 layer 2 5/7/92 THG RCL
1 metal door hinge 3" tall 2.25" wide
2 washers .75" in diameter
9 broken square cut nails
2 1.75" square cut nails
2 1.5" square cut nails
1 2.25" square cut nail

Unit 5 layer 2 5/7/92 THG RCL
1 3.5" modern machine cut square cut nail
1 broken file, 8" long (blade sharpener)
1 piece of wood

Unit 5 layer 2 5/11/92
1 fragment clear window glass
6 fragments aqua window glass
3 fragments curved aqua glass
1 fragment curved clear glass
2 fragments very thin curved clear glass
1 fragment curved amber glass
1 neck to a clear glass bottle
1 neck to a frosted blue glass bottle

Unit 5 layer 2 5/11/92 THG RCL
1 porcelain 2 hole button
1 piece flow blue ceramic
1 piece coarse undecorated stoneware
3 pieces glazed porcelain

Unit 5 layer 2 5/11/92 THG RCL
1 broken round spike
2 bullet cartridges (.38 Special)
3 3.25" square cut nails
3 2.5" square cut nails
1 1.5" square cut nails
1 2.5" square cut nails
1 2" square cut nail
1 3" square cut nail
3 1.5" square cut nails
16 broken square cut nails

Unit 5 layer 3 5/12/92 RCL THG
1 bullet cartridge
4 broken square cut nails
1 2.5" square cut nails
Unit 5 layer 3 5/12/92 THG RCL
1 piece flow blue ceramic
4 fragments curved frosted aqua glass
1 fragment aqua window glass

Feature 5
Feature 5 5/11/92 THG RCL
1 fragment whiteware undecorated
2 fragments aqua window glass
1 3.25" modern machine cut square nail

Unit 6 layer 1 4/28/92 JMH MLR
4 fragments curved clear glass
1 fragment curved aqua glass
1 fragment curved frosted blue glass
2 fragments clear window glass
1 fragment aqua window glass

Unit 6 layer 1 4/28/92 JMH MLR
5 plate fragments whiteware, undecorated
2 fragments saltglaze stoneware, Albany slip interior

Unit 6 layer 1 4/28/92 JMH MLR
3 4" square cut nails
8 3.25" square cut nails
3 3" square cut nails
2 2.5" square cut nails
8 fragments of tin
3 1.5" square cut nails
4 1.75" square cut nails
1 1.25" square cut nails
1 1.25" wire nail
1 3.25" wire nail
3 2" wire nails
1 3.5" wire nail
1 3.5" square cut nail
22 broken square cut nail

Unit 6
surface layer 4/28/92 MR JH
1 metal portion of a milk glass mason jar
1 piece of curved clear glass

Unit 6 layer 1 4/28/92 JMH MLR
5 pieces undecorated whiteware from 2 different plates

Unit 6 layer 2 4/28/92 JH MR
1 fragment saltglazed stoneware, Albany slip interior, from a pot
14 pieces undecorated whiteware
Unit 6 layer 2 4/28/92 MR JH
11 1.5" square cut nails
2 2.5" square cut nails
3 3" square cut nails
2 2" square cut nails
23 broken square cut nails
2 2" broken wire nails
2 broken wire nails
1 keyhole
2 pieces of tin

Unit 6 layer 2 4/29/92 JMH MLR
1 4" square cut nail
7 3" square cut nails
6 1.75" square cut nails
3 2.5" square cut nails
4 3.25" square cut nails
2 2" square cut nails
11 broken square cut nails
4 unidentifiable pieces of metal
1 piece of tin roofing
1 4.75" metal square cut spike
1 2" piece of bottom of tin can
1 shard of clear curved glass
1 needle threader

Unit 6 layer 2 4/29/92 MLR JMH
9 fragments aqua mason jar
6 fragments curved clear glass
4 fragments curved blue glass
5 fragments clear window glass

Unit 6 layer 2 4/29/92 JMH MLR
1 clear glass bottle
  Automatic Bottle Machine 1920-present
  maker's mark: DES. PAT
  on bottom: 86565

Unit 6 layer 2 4/29/92 JMH MLR
1 fragment white salt glaze stoneware

Unit 6 layer 2 4/29/92 JMH MLR
1 kerosene lamp dimmer

Unit 6 layer 2 4/29/92 JMH MLR
3 pieces of curved clear glass
1 fragment of clear mason fruit jar
2 small plastic beads (one blue and one black)
2 pieces of curved aqua glass
2 fragments of clear window glass
Unit 6 layer 2 4/29/92 JMH MLR
10 fragments aqua window glass
2 fragments saltglazed stoneware, Albany slip
1 fragment glazed porcelain
7 fragments undecorated whiteware
1 fragment overglazed enameled hand painted ceramic
1 fragment decorative whiteware
1 shard flow blue ceramic

Unit 6 layer 3 4/30/92 JMH MLR
1 fragment undecorated whiteware

Unit 6 layer 3 4/30/92 JH MR
1 1.5" square cut nail
1 3" square cut nail

Unit 6 layer 3 4/30/92 JMH MLR
1 piece black slag (1.75" long, 1.50" thick)

Unit 6 layer 3 5/4/92 MLR JMM
1 4 hole ceramic button
1 piece aqua window glass
1 piece saltglazed stoneware, Albany slip
2 broken square cut nails
1 2" wire nail
2 2.5" square machine cut nails
2 3" square cut nails
1 1.5" square cut nail

Feature 6
Feature 6 5/13/92 THG RCL
1 plastic button, 4-hole
1 mother of pearl button, 2-hole
2 scraps of a rubber shoe

Feature 6 5/13/92 THG RCL
8 fragments aqua window glass
2 fragments very thin curved clear glass
4 fragments clear window glass
3 fragments curved clear glass
9 fragments curved aqua glass

Feature 6 5/13/92 THG RCL
2 4" square nails
2 1.5" square nails
1 1.5" wire nail
2 2.25" square nails
2 unidentifiable scraps of metal
2 1.75" square cut nails
1 3" wire nail
11 broken square cut nails
Feature 6 5/13/92 THG RCL
1 piece saltglazed stoneware, Albany slip interior
1 piece porcelain, hard-paste
3 pieces undecorated whiteware

Unit 7
surface layer 5/4/92 JMH MLR
1 fragment curved clear glass
1 fragment aqua window glass

Unit 7 layer 1 5/4/92 JMH MLR
3 fragments curved clear glass
1 fragment curved clear glass with measurements
  3 hash marks visible, numbered every other mark, numbers visible 80 and 60
1 fragment of bottom piece to clear glass jar or bottle
maker's mark: 56
D
E
S
side seams, horizontal band of patterning

Unit 7 layer 1 5/4/92 JMH MLR
1 2.5" wire nail
1 2" wire nail
1 2.75" square cut nail
3 3.25" square cut nails
5 1.5" square cut nail
4 1.75" square cut nails
4 3.25" square cut nails
1 3" square cut nail
2 2.5" square cut nails
15 broken square cut nails
1 1/16" piece metal wire with pointed tip and "curly cue"
1 fragment luster ware, metallic luster, English, engine turned, 1860-1880
1 4.5" wooden peg
1 1.75" wooden peg
1 11/16" button with 3 triangles circumscribed

Unit 7 layer 1 5/4/92 JH MR
1 large piece of wood with a 2.5" square cut nail driven through it

Unit 7 layer 1 5/7/92 JH MR
1 fragment aqua window glass
5 fragments curved clear glass
  embossing on 1 piece: N
  EQUAR
1 fragment molded undecorated whiteware, possibly a tea cup handle
Unit 7 layer 1 5/7/92 JH MR
7 3.25" square cut nails
3 3" square cut nails
5 1.75" square cut nails
3 2.5" square cut nails
4 1.5" square cut nails
1 5" square cut nail
4 2.25" wire nails
2 2" wire nails
2 3" wire nails
2 .5" wire nails
3 broken wire nails
21 broken square cut nails
1 wooden peg

Unit 7 layer 1 5/11/92 MLR JMH
4 pieces undecorated whiteware
2 pieces hand painted ceramic, from a plate
1 piece of porcelain with decorative overglaze
2 pieces coarse undecorated stoneware

Unit 7 layer 1 5/11/92 MR JH
1 fragment undecorated whiteware, from the bottom of a tea cup
1 fragment salt glaze stoneware, Albany slip interior
2 fragments clear curved glass
2 fragments aqua curved glass
1 2.5" square cut nail

Unit 7 layer 1 5/11/92 MLP JMH
1 5" square cut nail
1 3" wire nail
3 3.25" square cut nails
3 3" square cut nails
1 broken kitchen knife
21 broken square cut nails
2 broken spikes (much thicker than nails)
6 1.5" square cut nails
3 2.5" square cut nails
3 2" square cut nails
1 1.75" square cut nails
1 2" wire nail

Unit 7 layer 2 5/12/92 FBB MLR
8 pieces undecorated whiteware
4 fragments saltglazed stoneware, Albany slip interior
1 piece plain porcelain

Unit 7 layer 2 5/12/92 FBB MLR
1 plastic button- 4 hole
6 fragments scrap metal
1 5" hand wrought spike
5 broken nails
1 piece of wire 7" long
13 1.25" square cut nails
Unit 7 layer 2 5/12/92 FBB MLR (cont.)
1 2" wire nail
1 1.5" square nail
1 1.75" square nail
1 2.75" square nail
1 3.5" wire nail
3 2.5" square nail
1 3" square nail
1 6.5" square spike

Unit 7 layer 3 5/12/92 MR FB
1 porcelain lined glass milk bottle seal insert, embossment "PORCELAIN LINED CAP FOR MASON FRUIT JARS"
3 fragments undecorated whiteware
1 small 4-hole porcelain button
1 stoneware marble, semi-refined

Unit 7 layer 3 5/12/92 FB MR
1 unidentifiable scrap of metal

Unit 7 layer 3 5/12/92 FB MR
1 2.5" square cut nail
1 1.5" wire nail
1 broken nail
1 late 19th century horseshoe
1 wheel (from the bottom of a piece of furniture)

Unit 7 layer 3 5/13/92 JMH MLR
1 piece plain porcelain hard paste
3 pieces undecorated whiteware, 1 piece with a partial maker's mark
1 broken nail
1 1.5" wire nail
1 2" square cut nail
1 1.5" square cut nail
1 1.25" square cut nail

Unit 7 layer 3 5/13/92 JMH MLR
1 broken nail
2 fragments porcelain hard paste, undecorated (1 partial maker's mark)
2 fragments whiteware, undecorated
1 1.5" wire nail
1 2" square cut nail
1 1.5" square cut nail
1 1.25" square cut nail

Unit 8
surface layer 5/18/92 NA RL
2 fragments mason jar sealing insert (milk glass): assembled
2 fragments curved clear glass with checked pattern: assembled
2 fragments aqua window glass
1 fragment curved aqua glass
2 fragments curved clear glass
Unit 8 surface layer 5/18/92 NA RL
1. Ball mason jar lid with complete glass insert sealer
2. Large pieces of slate 10"x6" and 9"x5"

Unit 8 layer 1 5/18/92 NA RL
3. Fragments milk glass mason jar sealing insert: assembled
16. Fragments blue mason jar
14. Fragments aqua window glass
3. Fragments clear window glass
1. Fragment very thin curved clear glass

Unit 8 layer 1 5/18/92 NA RL
7. Fragments curved clear glass
  1. With scalloped edge
  1. With partial checked pattern
  1. With embossing: BO
  1. ONE QU
1. Fragment top of clear glass mason jar
1. Fragment curved aqua glass with embossing: ORCE NCE

Unit 8 layer 1 5/18/92 RL NA
1. Porcelain 4-hole button, white
1. Piece undecorated yellowware
1. Piece undecorated whiteware
1. Piece porcelain hard-paste
1. Piece ceramic, flow blue

Unit 8 layer 1 5/18/92 NA RL
1. Shotgun shell cartridge
5. 3.25" square nails
4. Fragments of a jar lid
1. 5" square cut nail
10. Broken square cut nails
1. 3" wire nail
3. 3" square cut nails
5. 1.5" square cut nails
1. 1.25" square cut nail
1. 2.5" square cut nail
2. 2.5" wire nail
1. 2" square cut nail

Unit 8 layer 1 5/20/92 THG PSL
4. Pieces salt glaze stoneware, Albany slip interior
1. Piece coarse undecorated ceramic
1. Porcelain 4-hole button
1. Milk glass bottle seal fragment
11. Pieces undecorated whiteware
1. Piece porcelain, hard-paste, undecorated
1. Piece spongeware ceramic
1. Piece yellowware ceramic
Unit 8 layer 1 5/20/92 THG RCL
1 heart-shaped pendant with Cupid inside
15 1.75" square nails
1 6" hand wrought (flat point) spike
25 broken nails
1 2" square cut nail
2 2.5" square cut nails
2 3" wire nails
2 3.25" square nails
1 fragment of bottom of tin can
1 3" modern wire nail
1 3" square cut nail
2 2.5" wire nail

Unit 8 layer 1 5/20/92 THG PSL
1 fragment blue curved milk glass

Unit 8 layer 1 5/21/92 PL JL
1 fragment porcelain hard paste
2 pieces undecorated whiteware
1 piece chinese overglaze hand painted porcelain plate

Unit 8 layer 2 5/25/92 NA RL
1 pieces coarse undecorated stoneware

Unit 8 layer 2 5/26/92 NA RL
2 pieces porcelain hard paste
9 pieces undecorated whiteware
1 fragment amber glass
1 fragment clear window glass
1 fragment curved clear glass
1 fragment clear glass with embossing AIC
1 fragment of bottom of blue mason jar

Unit 8 layer 2 5/26/92 NA RL
5 broken square nails
1 unidentifiable scrap of metal
1 5" piece of wire

Unit 9 layer 1 5/20/92 TG PL
1 piece of the neck of a clear glass bottle
4 fragments of the mouth of clear mason jar
3 fragments curved blue glass
3 fragments curved aqua glass
3 fragments clear window glass
9 fragments curved clear glass
13 fragments aqua window glass
1 fragment curved clear glass with embossing
EDERAL LA
=QUARE on

Unit 17 surface layer 5/18/92 FBB
1 fragment undecorated whiteware
Unit 17 surface layer 5/18/92 FBB
2 fragments curved clear glass
1 fragment from mouth of clear glass mason jar
1 fragment from bottom of clear glass bottle
  maker's mark: 1
     -center seam
     C

Unit 17 surface layer 5/18/92 FBB
1 fragment undecorated whiteware

Unit 17 layer 1 5/7/92 CL LC
1 fragment milk glass mason jar sealing insert
4 fragments curved frosted aqua glass
1 neck piece of aquaglass bottle
10 fragments blue mason jar
2 fragments bright indigo blue glass
7 fragments curved clear glass
20 fragments aqua window glass

Unit 17 layer 1 5/12/92 Bo
5 fragments blue mason jar
2 fragments base piece of blue mason jar : assembled
  maker's mark: 6  B on bottom
     Automatic Bottle Machine 1903-present
7 fragments clear glass mason jar : assembled
  maker's mark ATLAS MASON on side
     Atlas H-A Mason circa 1920: machine made
5 fragments clear glass mason jar

Unit 17 layer 1 5/12/92 BO
1 fragment plate, whiteware decorated 25cm diameter
1 whole top to clear glass mason jar
7 fragments clear curved glass( 1 piece of top to a mason jar, i
large side/bottom piece of a squared off jar)
2 fragments aqua window glass
3 fragments blue mason jar
2 fragments curved aqua glass

Unit 17 layer 1 5/12/92 BO
1 5" square cut nail
2 3.25" square cut nails
2 pieces of clear surved glass

Unit 17 layer 1 5/21/92 CL LC
22 pieces undecorated whiteware
1 piece whiteware, relief decorated with scalloped edges, piece
of plate or platter
1 black 2-hole plastic button
1 fragment porcelain hard-paste, undecorated
1 piece hand painted whiteware
1 piece whiteware with an unidentifiable maker's mark
Unit 17 layer 1 5/21/92 BO
1 5" square cut nail
1 3" square cut nail
1 2" square cut nail
2 1.5" square cut nails
1 1.25" square cut nail
1 1.75" square cut nail

Unit 17 layer 1 5/21/92 BO
1 fragment whiteware, relief decorated scalloped edge, piece of a plat or platter

Unit 17 layer 1 5/25/92 CL LC
6 broken square cut nails
1 3" square cut nail
1 2.5" square cut nail
1 broken spike 6" long
3 3" wire nails
1 4" wire nail
1 5" wire nail

Unit 17 layer 2 5/25/92
10 broken square cut nails
5 1.75" square cut nails
1 2.5" square cut nails
1 1.5" square cut nail
1 2" square cut nail
1 2.5" wire nail
1 3" wire nail
1 3.25" square cut nail
1 9" pocket watch chain
2 3" square cut nails

Unit 17 layer 2 5/25/92 JM TG
4 fragments aqua window glass
12 fragments clear window glass
8 fragments curved clear glass
4 fragments very thin curved clear glass

Unit 17 layer 2 5/25/92 THG JMH
5 pieces undecorated whiteware
1 fragment milk glass bottle seal insert

Unit 17 layer 2 5/26/92 TG SH
1 hard paste porcelain doll's foot, hand painted in green
6 pieces undecorated stoneware
1 piece coarse undecorated stoneware
2 pieces hard paste porcelain plate

Unit 17 layer 2 5/26/92 TG JH
1 5" hand wrought brad (nail)
1 3.25" modern machine cut nail
1 1" diameter washer
1 4" wire nail
Unit 17 layer 2 5/26/92 TG JH (cont.)
2 4.5" square cut nails
18 broken square cut nails
8 1.75" square cut nails
1 2.5" square cut nail
2 3" modern wire nails
1 2.75" wire nail
1 broken wire nail
1 2" wire nail
1 3.25" square cut nail

Unit 17 layer 2 5/26/92 TG SH
3 fragments very thin curved clear glass
2 fragments curved amber glass
1 fragment from the neck of clear glass bottle
4 fragments curved pink glass
3 fragments curved aqua glass
22 fragments curved clear glass
12 fragments clear window glass
25 fragments aqua window glass

Unit 18 surface layer 5/18/92 JMH MLR
1 fragment curved clear glass
1 fragment bottom piece of clear glass bottle
maker's mark: PAT.

Unit 18 layer 1 5/19/92 TG RL
5 fragments clear curved glass
1 fragment porcelain hard-paste undecorated

Unit 18 layer 1 5/19/92 JH TG
4 broken wire nails
2 4" wire nails
1 unidentified piece of metal

Unit 18 layer 1 5/21/92 TG JM
15 broken square cut nails
6 broken wire nails
3 3" wire nails
2 2.25" wire nails
1 milk glass sealer with metal attached

Unit 18 layer 1 5/21/92 TG JM
2 fragments curved amber glass
15 fragments aqua window glass
4 fragments curved aqua glass
1 fragment blue mason jar
9 fragments curved clear glass with diagonal pattern
16 fragments curved clear glass
1 fragment from top of clear mason jar
1 fragment bottom of clear glass jar: maker's mark DES. P 9140
Unit 18 layer 1 5/21/92 TG JM
1 fragment porcelain hard-paste
3 porcelain 4-hole buttons: 1 large, 2 small
3 fragments undecorated whiteware
1 fragment hard-paste porcelain, hand painted floral pattern with gold trim

Unit 18 layer 1 5/25/92 FBB
1 fragment blue transfer print ceramic
6 fragments undecorated whiteware
1 neck of an amber glass bottle
1 fragment curved amber glass
1 fragment curved olive glass
1 fragment curved frosted blue glass
18 fragments aqua window glass
21 fragments of blue mason jar (embossing on 1 piece: ETC)
34 fragments curved clear glass (embossing on 1 piece: CT)

Unit 18 layer 1 5/25/92 FBB
1 broken square cut spike
1 2" wood peg
1 5" nail
8 3.25" square cut nails
11 1.75" square cut nails
4 2.5" square cut nails
1 portion of a clock
1 3" wire nail
24 broken square cut nails

Unit 18 layer 1 5/25/92 FBB
1 fragment of a clock

Unit 18 layer 1 5/25/92 JC JA
1 1.75" square cut nail
1 2.5" square cut nail
1 2" square cut nail
3 1.5" square cut nails

Unit 18 layer 1 5/27/92
1 piece Mason jar milk glass insert with "ASON FRUI" embossing
8 pieces aqua window glass
2 pieces clear window glass
1 piece double thick clear curved glass
1 piece embossed design clear curved glass
10 pieces undecorated whiteware
1 piece hard paste porcelain with hand painted gold rim
1 piece white porcelain with blue hand painted decoration

Unit 18 layer 2 5/27/92 THG JMH
22 fragments aqua window glass
4 fragments clear curved glass
1 fragment brown curved glass
1 fragment flat orange glass
1 fragment coarse undecorated stoneware
Unit 18 5/27/92 THG JMH (cont.)
1 fragment blue transfer print ceramic
1 piece undecorated whiteware, from a tea cup
1 piece hard paste porcelain plate with hand painted gold trim
4 pieces undecorated whiteware
2 pieces undecorated porcelain hardpaste
1 broken square spike
8 broken square nails
1 fragment of a pocket watch

Unit 18 surface layer 5/18/92 JM MR
1 5" square cut nail
1 4" square cut nail
1 3" square cut nail
1 3.5" square cut nail
1 2.5" square cut nail
1 broken square cut nail
1 3" wire nail
INVENTORY OF UNITS

UNIT 1
88 square cut nails
15 wire nails
39 shards clear window glass
30 shards curved clear glass
3 shards aqua curved glass
15 shards aqua window glass
1 shard purple curved glass
1 shard olive curved glass
1 shard blue curved glass
9 pieces tin
7 wooden pegs
1 wooden knot
1 round metal spike
1 mattress coil
1 piece rubber shoe sole
3 round nails
2 bullet cartridges
1 wire strand
10 pieces metal
1 piece buckle
2 buttons
2 pieces plastic comb
1 hand wrought nail
15 shards undecorated whiteware
2 shards coarse undecorated stoneware
3 shards salt glazed stoneware, Albany slip interior
1 shard lusterware
UNIT 2
60 square cut nails
10 wire nails
12 shards clear curved glass
1 piece tin
3 wooden pegs
4 shards aqua curved glass
5 shards aqua window glass
5 shards amber curved glass
6 shards blue mason jar glass
1 piece rubber shoe sole
2 wire strands
8 pieces metal
1 buckle piece
1 button
1 square cut spike
1 modern machine cut nail
1 piece rubber
1 wheel
5 shards undecorated whiteware
3 shards saltglazed stoneware
5 shards white salt glazed stoneware, Albany slip interior
2 shards porcelain hard paste, outer glaze only
1 shard porcelain hardpaste with decorative overglaze
2 shards porcelain hard paste overglazed, enameled
1 shard porcelain hard paste, no glaze

Why not check these
downstairs?
Unit 3
138 square cut nails
14 wire nails
9 shards clear window glass
13 shards clear curved glass
11 pieces tin
1 wooden peg
3 shards aqua curved glass
3 shards aqua window glass
1 shard olive curved glass
2 shards blue curved glass
1 wire strand
8 pieces metal
3 buttons
1 square cut spike
4 shards amber curved glass
2 pieces slag
1 washer
1 industrial hook
1 BALL can lid
1 piece clock innard
1 piece leather shoe
1 snap
2 pieces charcoal
1 teaspoon handle
1 square cut tack
1 iron nut
1 shard curved brown glass
18 shards undecorated whiteware
1 shard lusterware
2 shards unglaizes porcelain hard paste
7 shards yellowware
6 shards chinese hand painted porcelain
1 shard whiteware with lavender transfer print
Unit 4
42 square cut nails
4 wire nails
1 shard clear window glass
8 shards clear curved glass
7 shards aqua window glass
1 bullet cartridge
6 shards blue mason jar glass
1 peice bone
15 shards milk glass bottle seal inserts
1 piece plastic
1 decorative glass handle
14 shards undecorated whiteware
1 piece porcelain hard paste, undecorated
Unit 5
153 square cut nails
14 wire nails
13 shards clear window glass
24 shards clear curved glass
9 wooden pegs
18 shards aqua curved glass
31 shards aqua window glass
1 round metal spike
4 bullet cartridges
1 button
1 shard amber curved glass
4 shards blue mason jar glass
2 modern machine cut nails
1 broken metal file
2 washers
1 metal door hinge
2 shards blue curved glass
10 shards aqua mason jar glass
5 shards clear mason jar glass
1 metal rod
7 pieces wood
2 pieces blue metal pitcher
4 pieces milk glass seal insert
12 shards undecorated whiteware
3 shards saltglazed stoneware, Albany slip interior
2 shards coarse undecorated stoneware
2 shards flow blue ceramic
1 shard porcelain hardpaste with decorative overglaze
3 shards yellowware
2 shards porcelain hard paste hand painted
1 shard plain porcelain
1 shard porcelain hard paste, enamel
1 shard hand painted whiteware
3 shard glazed porcelain
Unit 6
54 square cut nails
7 wire nails
4 shards clear window glass
8 shards clear curved glass
8 pieces tin
3 shards aqua curved glass
12 shards aqua window glass
1 shard blue curved glass
1 button
1 piece slag
1 square machine cut nail
1 shard clear mason jar glass
1 piece milk glass seal insert
1 kerosene lamp dimmer
2 plastic beads
29 shards undecorated whiteware
6 shards salt glazed stoneware, Albany slip interior
1 shard flow blue ceramic
1 shard porcelain hard paste with decorative overglaze
1 shard porcelain hard paste overglazed, enamel
1 shard white salt glazed stoneware
1 shard porcelain glazed
1 shard decorative whiteware
Unit 7
125 square cut nails
20 wire nails
13 shards clear curved glass
3 wooden pegs
2 shards aqua curved glass
2 shards aqua window glass
1 wire strand
7 pieces metal
3 buttons
3 square cut spikes
1 horseshoe
8 broken nails
1 piece wood
1 broken kitchen knife
1 hand wrought spike
1 piece milk glass seal insert
1 marble
21 shards undecorated whiteware
5 shards saltglazed stoneware, Albany slip interior
1 shard porcelain hard paste, decorative overglaze
1 shard plain porcelain
1 shard porcelain hardpaste
Unit 8
58 square cut nails
9 wire nails
4 shards clear window glass
14 shards clear curved glass
2 shards aqua curved glass
16 shards aqua window
1 shard blue curved glass
1 wire strand
1 bullet cartridge
1 piece metal
2 buttons
1 shard amber curved glass
8 shards blue mason jar glass
6 pieces milk glass seal insert
5 piece of lid to jar
2 pieces slate
1 shard clear mason jar glass
1 pendant
1 hand wrought metal spike
25 broken nails
1 piece bone
23 shards undecorated whiteware
4 shards salt-glazed stoneware, Albany slip interior
1 shard coarse undecorated stoneware
1 shard flow blue ceramic
1 shard yellowware
1 shard Chinese hand-painted porcelain
5 shard porcelain hard-paste
1 shard coarse undecorated ceramic
1 shard spongeware ceramic
Unit 9
11 shards clear curved glass
4 shards clear mason jar glass
3 shards curved blue glass
3 shards curved aqua glass
3 shards clear window glass
13 shards aqua window glass
1 machine cut nail
Unit 17
72 square cut nails
13 wire nails
24 shards clear window glass
56 shards clear curved glass
9 shards aqua curved glass
51 shards aqua window glass
2 shards blue curved glass
15 shards clear mason jar glass
2 pieces milk glass seal insert
1 pocket watch chain
1 hand wrought metal nail
1 washer
1 shard pink curved glass
1 square cut spike
1 shard amber curved glass
20 shards blue mason jar glass
1 modern machine cut nail
29 shards undecorated whiteware
6 shard coarse undecorated stoneware
1 shards porcelain hard paste
1 shard Chinese hand-painted porcelain
1 shard hand-painted whiteware
1 shard decorated whiteware
1 shard porcelain hand-painted (green)- from a figurine
Unit 18
95 square cut nails
25 wire nails
8 shards clear window glass
78 shards clear curved glass
9 shards aqua curved glass
63 shards aqua window glass
1 shard olive curved glass
5 shards blue curved glass
3 buttons
2 square spikes
4 shards amber curved glass
22 shards blue mason jar glass
2 pieces milk glass seal insert
2 pieces wood
2 shards clear mason
1 broken nail
3 portions of clock
1 shard brown curved glass
1 shard flat orange glass
14 shards undecorated whiteware
1 shard coarse undecorated stoneware
4 shards porcelain hard-paste
3 shards hard-paste porcelain with gold trim
2 shard ceramic blue transfer
1 shard porcelain hand-painted blue
Feature 2
4 square cut nails
1 shard clear window glass
1 shard blue mason jar glass
1 wheel
1 fragment blue metal pitcher
1 door knob
1 shard undecorated whiteware
1 shard plain porcelain
Feature 3
10 square cut nails
7 pieces blue speckled pitcher
5 wooden pegs
2 shards clear window glass
21 shards aqua window glass
1 shard blue mason jar glass
3 shards aqua mason jar glass
1 round metal spike
1 piece tin
1 wooden knot
1 shard aqua curved glass
4 shards undecorated whiteware
Feature 4
4 square cut nails
2 pieces tin
3 pieces of wooden peg
1 piece shoe
2 shards undecorated whiteware
Feature 5
1 fragment undecorted whiteware
2 fragments aqua window glass
1 3.25" modern machine cut square nail
Feature 6
2 buttons
2 pieces rubber shoe
19 square cut nails
2 wire nails
2 pieces metal
1 piece bone
3 shards undecorated whiteware
1 shard porcelain hard paste
1 shard salt glazed stoneware, Albany slip interior
Richard and Lisee's Hypotheses

One of the goals of this project was to continue the hard work begun in the fall of 1991, with the initial survey, and the spring of 1992, with the excavation of four structures, so as to ascertain definitive information concerning the Longdale Mining Complex. Though, at this juncture, we would not feel entirely comfortable offering a finite conclusion concerning Structure 1 and the complex as a whole, we would like to offer some hypotheses based on our research.

We feel very confident in offering the idea that Structure 1 was a domestic structure, most likely not occupied prior to 1840 or after 1910. We have found an abundance of household items, from mattress coils to kitchen knives as well as a number of storage vessels and pieces of plates and cups. After carefully inspecting these artifacts, we were able to date them using a number of sources. Some of these are Brashler, Nelson, Otto and Russ. We also have taken into consideration other site investigations. Though these investigations took place in other parts of the country they were sites which were occupied around the same time period as the Longdale Mining Complex. The ceramics became our most valuable artifacts for arriving at our hypotheses, though the nails and the glass aided us in determining a time period as well as former structure uses.

In comparison, Structure 8, believed to be another domestic structure, appears to have far more porcelain and expensive whiteware than Structure 1. Whereas, at Structure 1, we noted a significant increase in the number of earthenware and stoneware...
fragments. This may indicate a slight difference in either purpose or economic status. We prefer the first alternative. Perhaps the occupants in Structure 1 stored more food than those in Structure 8. They most likely canned and preserved food which they either bought in bulk during infrequent trips to towns nearby or which they grew themselves. In comparison, we believe Structure 4 to have been utilized solely for the purpose of storage. A large quantity of jars, bottles, and storage vessels have been located and very few household items have been found. Not to mention the fact that Structure 4 is far too small for domestic use.

We have located a variety of ceramics, ranging not only in type but also in price. We have analyzed a shards of imported Chinese plate, handpainted porcelain, and plain undecorated whiteware. Therefore, we will not offer a suggestion as to the socio-economic status of the occupants of Structure 1 because there exists conflicting evidence. We would suggest a computer analysis comparing this structure with others excavated (namely Structure 8) so as to ascertain a better idea of the culture as a whole, especially wealth and interests of the various occupants.

Though it is difficult to make accurate predictions regarding the complex as a whole, we feel quite confident in offering some hypotheses concerning Structure 1. We also believe that our artifact analysis will help to provide detailed information for possible further analysis (conceivably including computer statistics and tables).
BIBLIOGRAPHY

Brashler, Janet G.
1983 Archaeology and History at the Sites Homestead: A Nineteenth Century Farmstead in West Virginia, Elkins, WV

Burke, Finbar, and Kristen Rawlings.
1992 "Ceramic Identification for the Longdale Mining Complex."

Custer, Jay F., Colleen DeSantis, David Grettler, Mark Shaffer, Scott C. Watson.
1988 Final Phase III Investigations of the Whitten Road Road Site 7NC-D-100, Whitten or Walther Road, County Road 346, New Castle County, Delaware. University of Delaware.

Katz, Paul R.
1977 1975 Archaeological Investigations at Old Ursuline Academy, San Antonio, Texas, University of Texas, San Antonio, TX.

Ketchum, William C, Jr.

Lofstrom, Edward U.

Nelson, Lee H.

Otto, John Sobman
1976 Status Differences and the Archaeological Record - A Comparison of Planter, Overseer, and Slave Sites from Cannon's Point Plantation, St. Simon's Island, Georgia, University of Florida, Gainesville, Fl.

Price, Cynthia R.
1979 19th Century Ceramics...in the Eastern Ozark Border Region, Number 1, Southwest Missouri State University, Springfield, MO.

Russ, Kurt, Research Archaeologist, Washington and Lee University, Department of Archaeology.

South, Stanley