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9605-9646
9655-9694

ARTIFACTS FROM HARPERS FERRY NATIONAL HISTORIC PARK ARCHAEOLOGICAL INVESTIGATION: BUILDINGS 8, 9, AND 12

HFR 4/12

ARTIFACTS FROM HARPERS FERRY NATIONAL HISTORIC PARK ARCHAEOLOGICAL INVESTIGATION: BUILDINGS 8, 9, AND 12

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Prepared Under
U.S. National Park Service
Purchase Order PX20006D121
U.S. Department of the Interior
National Park Service
Denver Service Center
Denver, Colorado

October 1976

The artifacts analyzed for this report are from Harpers Ferry National Historic Park, Buildings 8, 9, and 12. They were received by Southside Historical Sites, Inc. from the National Park Service, Denver Service Center. The animal bone from these sites was analyzed by Michael Barber, ethnozoologist for Southside Historical Sites, Inc., and his report is included along with this one. Metal artifacts were cleaned by R.D. House, conservator for Southside Historical Sites, Inc. Treatment records for these metals are included with this report (see Appendix B).

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I.

The history of Harpers Ferry is a fascinating story in terms of both human and commercial enterprise. In 1782, 125 acres of land at the junction of the Potomac and the Shenandoah rivers passed into the hands of John Wager, Sr. through his wife's uncle, Robert Harper, the original owner. In 1796, John Wager, Sr. sold 188¼ acres to the U.S. Government to be used as an armory. This left Wager with ownership of the remainder of the level land in the area and a virtual monopoly on the development of it. This parcel was held by the Wager family until 1836 and, during this time, was leased at high rents under total family control.

> The lease specified what type of building, stone, brick or frame ... its size, and number of stories that leaseholder must erect as a condition of the lease. The lease further specified what type of business the leaseholder could engage in while occupying this structure. By this system of leases the Wager family controlled the number of drug stores, hotels, dry goods, and grocery stores, etc. that could be built and operated in Harpers Ferry. Competition was effectively eliminated and by charging high prices, the fortunate merchants holding Wager leases could recover the necessary tribute paid to the Wagers and also make a profit for themselves (Snell 1973: 3).

Obviously this type of arrangement had a definite effect on the architecture of Harpers Ferry. Very early brick and stone buildings were erected and stood two-and-one-half to three-and-one-half stories. Structures were built at every suitable site, and the landscape was even rearranged; e.g., large amounts of rocks moved to make level sites to build on.

Finally in 1836 the monopoly was broken when one of three Wager heirs, in financial troubles, was forced to divide the ownership of the land and sell his portion at auction. Commercial competition was begun and the town grew. In 1852 the U.S. sold part of the armory land for private ownership of dwelling houses and lots. "Harpers Ferry ended its unique situation as regards to ownership of land and became much like any other American town" (Snell 1973: 10).

This historical material and that of the individual structures to be discussed is taken from Charles W. Snell's Historic Resource Study: The Business Enterprises and Commercial Development of Harpers Ferry's Lower Town Area, 1803-1861 (1973).

The artifacts examined for this report by Southside Historical Sites, Inc. come from five archaeological excavations conducted on historical buildings 8, 9, and 12 at Harpers Ferry National Historica Park by archaeologists for the National Park Service, Historic Preservation Division, Denver Service Center. Reports on all but one of the sites are contained in Harpers Ferry National Historical Park Archeological Investigation of Buildings 8 and 9 (1976) by Deborah K. Bauxar. She indicates that this work is being done to determine the interior and exterior structures of these buildings for the "historically significant period 1859-1865." Unfortunately very few of the artifacts examined are of this period. Most date much later, and many well into the twentieth century.

II.

The first site reported on is a window well on the west side of Building 8, designated FS1. This window well had been filled with debris at some point, and it was hoped that the excavation would establish this date.

> Building No. 8, a 2½-story brick structure with full cellar, was erected as a rear wing [to Building No. 9] about 1841-42. The annex was 16 feet wide and about 29 feet long. Its steeply pitched shed roof sloped to the west and slate covered roof was pierced by two dormers. A two-story wood porch extended along the length of the west side (Snell 1973: 75).

Building 8 was constructed on the site of an earlier frame structure, and the stone foundation of this earlier building was "incorporated into the extant cellar of Building No. 8" (Snell 1973: 75). During the period 1858-1861 it was probably used as a warehouse for a dry goods store in Building No. 9. Snell does not give any uses between then and 1894 when it served as a saloon. After this time its use has not been determined. Snell also has two earlier reports (1958, 1959) dealing with these buildings.

The window well contained a total of 1,282 individual artifacts, plus six small bags of foil and iron scrap. These bags will be treated as single artifacts for this report. The total of 1,288 artifacts then could be divided into 21 material type categories, most of which had less than ten artifacts. They could also be considered by five major functional categories. Tables comparing these material types and functional categories are included with this paper (see Appendix C).

Glass was the largest material category, containing 950 artifacts, or 74.1 percent of all artifacts. Four combined categories of metal make up 10.5 percent (133 artifacts) of the total; bone (73 artifacts), 5.7 percent; ceramics (29 artifacts), 2.3 percent; and the remaining 14 categories (97 artifacts) make up 7.4 percent. Within the glass category, 525 of the artifacts or 55.3 percent of the glass can be classified as whole or parts of bottles. These artifacts contribute greatly to the dating of individual levels. A total of 368 artifacts or 38.7 percent are undiagnostic light green window glass fragments. The remaining 57 artifacts, or 6 percent, are fragments of miscellaneous or unidentifiable types of glass. A complete list of all artifacts by material is included (see Appendix A).

According to Bauxar (1976:2) levels for excavation were established according to content. There were a total of fourteen levels, designated A through O. All of the following level descriptions are taken from Bauxar's 1976 report. Artifacts from each level will be included along with the level description.

Level A

"Level A was the topsoil. When this had been removed, the trench was divided for control purposes into a north half and a south half." This half level division is not fully explained in Bauxar's report. It appears that after levels D and E, the window well was excavated in full. In some cases the upper levels contain two divisions in artifact designation, when only one half of the level was apparently excavated. Also, certain levels are divided by more than two designations. The meaning of all these divisions or designations is not included in Bauxar's report.

The division of level A is an example of the confusing nature of either Bauxar's report or of the collection process. The division may merely be separate bags made for a single level. Since there is no discussion or information in the report on level divisions, this appears to be the logical conclusion. Therefore, the artifacts will be treated more or less as if from a single level. There will be distinction made in the listings of artifacts but not in the discussion or in the tables. Level A contained 106 artifacts. Of those, 43 were from A and 63 from A1.

Level B

Level B (3 inches-6 inches) "was composed of soil similar to that of the top soil. This was removed from the south half of the trench." Evidently this was somewhat of an arbitrary level, again with two divisions. Level B contained 113 artifacts.

Level C

Level C (6 inches-8 inches) "was a conglomeration of various soils. We observed mottled color changes and an assortment of debris throughout the level." Bauxar attributes this to the filling of the window well and several flood's effect on the contents. She does not indicate whether this was the south half of the trench; however, this is presumed. There were just 18 items from level C, including two orange brick fragments with white sand mortar, one white plaster chunk, one small fragment of burned wood charcoal, one fragment of flat white marble, one fragment of a dark brown lead-glazed orange earthenware, one rim fragment from an earthenware green shell edged plate, one iron crown bottle cap dated post 1891,

LEVEL A

Orange brick fragment, 2½" wide
Porcelain, very small fragment, white glaze and body
Curved glass fragments, bright green metal (2)
Curved glass fragment, light green metal
Curved glass fragments, amber-brown metal (6)
Curved glass fragments, clear metal, black silk-screened decoration
Curved glass fragments, clear metal with frosted surface
Curved glass fragment, clear metal, embossed
Curved glass fragments, clear metal, some embossed (14)
Window glass (9)
Iron screw-top cap, C20
Flat, hard, grey layered stone
Black, flaky, slag-like fragment
Knothole

LEVEL A1

Bos taurus, vertebrae (sawn)
Unidentified mammal bones (3)
Small orange brick fragments (3)
White sand mortar fragments (2)
Edgeware, plate rim fragment, white but slightly bluish surfaces (pearlware?), green shell edge molded and painted decoration, C19
Scraps of foil from cigarette wrapper, modern (bag)
Curved glass fragment, bright green metal
Small glass fragment, bright green metal, red and white silk-screen decoration
Curved glass fragment, light green metal
Panel bottle fragment, light green metal
Curved glass fragments, amber-brown metal (6)
Curved glass fragment from wine bottle, dark green metal
Rectangular bottle base, clear metal, post 1903
Curved glass fragment, clear metal, red and white silk-screen decoration
Curved glass fragments, clear metal, some embossed (17)
Window glass (19)
Wire nails (2)

LEVEL B

Unidentified mammal bones (2)
Orange brick fragment with white sand mortar
Flat white sand mortar fragments with white plaster on one surface (
Small scraps of foil from modern cigarette wrapper (2)
Screw top lip glass fragments, C20, bright green metal (3)
Curved glass fragment, bright green metal
Curved glass fragment, light green metal
C20 base glass fragments, amber-brown metal (2)
Curved fragments, one with embossing, amber-brown metal (2)
Curved glass fragments, clear metal (4)
Window glass (1)
Iron crown caps, post 1891
Shiny metal screw-on cap, C20
Cut nails (2)
Wire nails (2)
Bright green plastic atomizer top, screw-on cap, rubber squeeze bulb, probably 1950s
Flat grey schist (?) CAT 9576
Brown mottled glazed marble, 5/8" diameter, "Bennington type," C19 or C20
Black slag-like fragments (5)

LEVEL B1

Unidentified reptile bones (2)
Unidentified mammal bone (1)
Unidentified fish bone (1)
Unidentified bird bone (1)
Plate base fragment, white crazed glaze, white body, C19
Small curved fragment, white crazed interior glaze, light blue exterior glaze, white body
Foil scraps from modern cigarette wrapper (bag)
Curved glass fragments, bright green metal (8)
Curved glass fragment, dark green metal
Glass base fragments, amber-brown metal, post 1903 (2)
Neck and shoulder glass fragment, clear metal, threaded lip, embossed, post 1932
Curved glass fragments, amber-brown metal, some embossed (8)
Curved glass fragments, clear metal, black silk-screen decoration
Curved glass fragments, clear metal, some embossed (16)
Very thin clear metal fragments (5)
Window glass (12)
Iron crown cap, post 1891
Iron screw-on cap, C20
Iron door (?) spring, 3/4" diameter, 2-1/2" length
White marble fragments, 2.1 cm. thick, polished on one surface (2)
Rose marble fragment, polished on one surface, 2.1 cm. thick
Thin, white metal curved sheet
Unidentified nails (3)
Balck slag-like fragment
Cylindrically shaped tar (?) fragment, 4.4 cm. in height
Small wood fragments, one burned (2)

one fragment of an iron twentieth century screw-on bottle cap, one light green window glass fragment, eight fragments of bright green, clear, and amber bottle glass, one marked 19(c)38.

Level D

This level (8 inches-10-3/4 inches) "revealed a brick line, 10-3/4 in. below datum, extending westward from the building wall at the right edge of the window .... This was the first indication that a window well did indeed exist at one time." At this point the north half of the trench from below topsoil was evidently removed to the top of level D. Any artifacts from this half are presumably all included as level D. There were 18 artifacts recorded from level D, including five bones of cow, sheep, and unidentifiable mammal; three orange brick fragments with white sand mortar; two cut nails; three light green window glass fragments; three fragments of dark green and yellow-green bottle glass; one small blue glass bead (CAT. 9673) or marble; one thin clear glass fragment, possibly from a light bulb.

Level E

Level E (8 inches-10-3/4 inches) was the north half of the trench at the same level below datum as level D. The excavation of level E exposed the north wall of the window well. There were two divisions in level E containing a total of 206 artifacts. This appears unusual that only 18 artifacts would be found on one half and 206 on the other half. Whether this is indeed the case or a reflection of the collection process cannot be determined.

LEVEL E

Bos taurus, lt. humeral shaft (sawn 2x)
White plaster fragments, 0.4 cm. thick (2)
Heavy curved earthenware fragment, white crazed glaze, white body
Salt-glaze, curved fragment from C19 beer bottle, tan glaze and body
Curved glass fragment, bright green metal
Curved glass fragments, aqua-green metal (2)
Curved glass fragment, light green metal, embossed
Beer (?) bottle necks, amber-brown metal, post 1903
Wide apothecary jar neck and lip fragments, amber-brown metal
Small narrow neck and lip, amber-brown metal, metal band around lip, post 1903
Base glass fragments, amber-brown metal, post 1903
Base glass fragments, amber-brown metal, post 1903 (4)
Curved glass fragments, amber-brown metal, some embossed (25)
Curved glass fragment, dark green metal
Glass lip fragment, brightblue (cobalt) metal
Curved glass fragments, clear metal with red and white silk-screen decoration
Base and side wall glass fragment, clear metal, red and white silk-screen decoration
Glass neck and lip, clear metal, screw top lip, post 1903
Curved fragments, clear metal, some embossed (37)
Thick flat glass fragment, clear metal, evidence of mirroring on back
Clear metal, frosted on one surface
Very thin glass fragments, clear metal (3)
Window glass (23)
Iron crown cap, post 1891
Iron screw top cap, C20
Iron spoon handle fragment PAT. 9519
Iron band fragment
Unidentifiable scrap iron (bag)
Flat, white marble fragment, polished on one surface, 2.1 cm. thick
Small flat grey metal fragment
Wire nails (3)
Hard, mottled grey cap-like plastic object
Hard, mottled reddish-brown molded plastic fragment
Clam shell
Dark grey slate fragments (2)
Grey schist (?) (2)
Cinder (?)

LEVEL E1

Bos taurus, 2 tarsals (rod. scav.)
Sus scrofa, rib (sawn)
Ovis aries, 2 ribs, 1 scapular fragment (sawn)
Catestomidae, miscellaneous element
Unidentified mammal bones (4)
Glass button, opaque white metal, 4 holes, 1.08 cm. diameter CAT # 9209
Heavy earthenware plate (?) rim fragment, white crazed glaze, white body
Salt-glaze, C19 beer bottle fragments, tan glaze and body
Foil scraps from modern cigarette wrapper (bag)
Curved glass fragment, bright green metal
Curved glass fragments, aqua-green metal (2)
Curved glass fragment, dark green metal
Curved glass fragments, amber-brown metal (6)
Flat glass fragment with prominent ridges on one surface, amber-brown
Apothecary jar neck and lip fragment, amber-brown metal
Wide-mouthed apothecary jar shoulder and neck fragment, amber-brown metal
Shaker jar fragment, possibly for cosmetics, metal cap (screw on) with holes, vertical ridges around exterior except for one square area where paper label missing, clear metal
Curved glass fragments, clear metal, some embossed (12)
Very thin glass rim fragment, clear metal
Very thin glass fragments, clear metal (4)
Window glass (14)
Iron crown caps, post 1891
Unidentifiable iron scrap (bag)
Unidentifiable nails (5)
Oyster shell fragment

Level F

Level F (10-3/4 inches-1 ft.9 inches) "included a possible builders trench, 6 in.-8 in. wide. It was noted 8 in. away from the building wall in the north half of the trench." This evidently included both north and south halves of the window well. Pertaining to this possible builders trench Bauxar goes on to say,

> Artifact concentration was higher in the area; however, a new collection was not defined because the turmoil of this fill probably resulted in artifacts from around the corner of the house being redeposited in this area. The shallowness of this level also made it seem unlikely that it would yield meaningful data."

Although the artifacts are of a late context in this case, it is not always wise to make assumptions about the origin and/or significance of artifact assemblages in the field. It would be much better to divide artifacts from a possible builders trench or other distinct area for study later as to their relationship to surrounding artifacts. Without careful collection and study of artifacts, many pieces of information about their use or deposition may be lost. Level F contained 59 artifacts.

Level G

Level G artifacts were rubble and materials from the inside basement wall which had deteriorated and deposited on the sill of the window. This consisted of five artifacts: one flat fragment of white marble, one deteriorated golf ball, one light green window glass fragment, one neck and lip fragment of light green bottle glass of post 1903 date, one clear bottle glass fragment.

LEVEL F

Rattus rattus, rt. mandible (CAT. 9594)
Orange brick fragment imbedded in white sand mortar
Transferware, small curved fragment, white surfaces with black transfer decoration on interior, white body, post 1830 (CAT. #9675)
Hard coal fragment
Glass neck and lip, screw-on top, light green metal, post 1903
Curved glass fragment, light green metal
Wide-mouth apothecary jar neck, amber-brown metal (CAT. 9674)
Curved glass fragments, amber-brown metal (2)
Curved glass fragments, clear metal (11)
Threaded glass lip fragments, bright blue (cobalt) metal
Canning jar lids, clear metal (CAT. 9676) (CAT. 9677)
Clear glass fragment, curved with rounded handle fragment
Very thin glass fragments, clear metal (3)
Window glass (14)
Iron blade from folding knife (CAT. 9678)
Iron crown caps, post 1891
Large iron screw-on lid
Unidentifiable iron scrap (bag)
Flat white marble fragment, 2.1 cm. thick
Wire nails (2)
Unidentifiable nails (2)
Clam shell
Small white snail shell
Grey slag-like fragment
Unidentified wood fragments (4)

Level H

Level H (1 ft.9 inches-2 ft.8 inches) "consisted in part of painted plaster, window glass and slate roofing. These remains indicate that the well was probably filled when the upper floor was destroyed." Unfortunately Bauxar does not give us this date that the upper floor was destroyed, and since the Stevens (n.d.) report that is referred to by Bauxar presumably giving this date was not available to me, the probable date for the filling of the window well cannot be confirmed or denied.

There were a total of 116 artifacts from four divisions. Since two of the artifacts are of modern plastic, the date for the window well must be fairly late or else it was so disturbed that it may not be possible to determine or confirm a date at all.

Levels J and L

"Levels J and L are the same (2 ft.8 inches-3 ft.8 inches). Level L was simply excavated a day later due to rain." It appears strange that these levels would be so carefully separated when they are evidently the same soil, and in Level F obvious soil distinctions were thrown together. Level J was also divided into eight separate divisions containing a total of 156 artifacts. Level L had three divisions and 329 artifacts, the largest group. This makes a total of 485 artifacts for the two levels or 37.7 percent of all levels.

LEVEL H

Bos taurus, rt. scapular fragment (sawn 2x)
Chen, sp., lt. tibiotarsus CAT. 9687
Banded ware, small fragment, white surfaces with trace of light blue band on exterior, white body, C19
Curved glass fragment, bright green metal
Large glass base fragment, light green metal
Curved glass fragments, bright blue (cobalt) metal (2)
Curved glass fragment, dark green metal
Curved glass fragments, amber-brown metal (2)
Curved glass fragments, clear metal (3)
Window glass (21)
Iron crown cap, post 1891
Iron tapered rod
Cut nail
Unidentifiable nails (3)
½ walnut shell
Unidentified reddish-brown mottled molded plastic object

LEVEL H1

Large iron spike
Slate roofing tile fragments (2)

LEVEL H2

White sand mortar fragment with white plaster on one surface
Glass bottle neck, side wall fragment, with crown cap, bright green metal, post 1903
Curved glass fragment, bright green metal
Glass neck fragment, light green metal
Curved glass fragments, amber-brown metal (2)
Pharmaceutical bottle neck, clear metal, embossed
Curved glass fragment, clear metal, white silk-screen decoration
Thin base glass fragment, clear metal
Curved glass fragments, clear metal, some embossed (7)
Cosmetic jar fragment, opaque white milk glass, threads on lip, 1½" high, 2" diameter
Very thin curved fragment, clear metal
Window glass (7)
Unidentifiable nails (2)
½ walnut shell
Plastic screw-on bottle cap, black plastic, marked "DIXIE BELLE GIN"

LEVEL H3

Bos taurus, cranial fragment (butcher marks)
Sus scrofa, metatarsal (sawn)
White sand mortar fragments with white plaster, lath marks on one fragment (6)
Glass bottle base, bright green metal, post 1903
Glass neck fragment, light green metal
Curved glass fragment, light green metal
Curved glass fragments, amber-brown metal (2)
Curved glass fragment, dark green metal
Curved glass fragment, clear metal, red and white silk-screen decoration
Pharmaceutical bottle base and side wall fragment, clear metal trace of embossing
Curved glass fragments, clear metal (4)
Heavy curved glass rim fragment, clear metal
Straight-sided glass rim fragment, clear metal
Very thin curved glass fragment, clear metal
Window glass (15)
Wire nails (3)
Unidentifiable nails (1)

LEVEL J1

Bos taurus, lumbar vertebrae (sawn)
Sus scrofa, right proximal tibia (sawn)(unfused)
Meleagris gallopavo, left tarsometatarsal (CAT. 9580)
Unidentified mammal bones (4)
Unidentified bird bone (1)
Bowl (?) fragment, earthenware, yellow glaze, tan body, C19
Glass bottle neck with iron crown cap, light green metal, post 1903
Curved glass fragment, light green metal
Curved glass fragment, bright green metal
Curved glass fragments, amber-brown metal (3)
Curved glass fragments, clear metal (3) CAT 9584
Glass cosmetic jar fragment, opaque white milk glass, threads on lip, 1½" high, 2" diameter
Window glass (6)
Iron crown cap fragment, post 1891
Tapering iron fragment, possibly hinge
Unidentifiable nails (3)
Soft plastic cap, white

LEVEL J2

Flat glass fragment, light green metal, printed backing on one surface showing through glass, red-white-black-blue printing

LEVEL J3

Meleagris gallopavo, 1 left tarsometatarsus (domestic, rodent scavenged), 1 left distal tarsometatarsus (immature), 1 second phalange
Unidentified mammal scrap (2)
White sand mortar fragments (one with lath marks) with white plaster on one surface (2) CAT. 9586
Earthenware rim fragment, white crazed glaze, white body
Transfer ware, curved fragment, white interior with brown transfer decoration, slightly bluish exterior glaze, white body CAT. 9587
Glass edge fragment from rectangular bottle, amber-brown metal
Glass lip through base section of oval bottle, clear metal, embossed
Glass edge fragment from rectangular bottle, clear metal
Glass corner fragment from rectangular bottle, clear metal
Very thin glass rim fragment, clear metal
Window glass (10)
Iron crown cap fragment, post 1891
Wire nails (2)
Cut nails (2)
Unidentifiable nails (9)

LEVEL J4

Bos taurus, lumbar vertebrae (sawn)
White sand mortar fragment with white plaster on one surface and lath marks on other surface
Salt-glaze, base and side wall fragment, mottled grey-brown exterior glaze, unglazed grey and orange interior, grey body with tan core, C18 or C19 CAT. 9589
Front and side glass fragments to rectangular bottle, clear metal, embossed CAT. 9588
Small glass base fragment, amber-brown metal
Very thin glass rim fragments, clear metal (2)
Window glass (4)
Slight concave metal strip, .87 cm. wide
Cut nail
Unidentifiable nail

LEVEL J5

Short, wide-mouthed glass bottle, clear metal, 3-3/4" high, post 188(

LEVEL J6

Bos taurus, third phalange
Very thin copper alloy, 0.08 cm. thick, flat fragments
Curved glass fragment, bright green metal
Curved glass fragment, light green metal
Curved glass fragment, dark green metal
Curved glass fragments, amber-brown metal (5)
Curved glass fragments, clear metal, some embossed (8)
Screw top bottle lip, clear metal, post 1903
Very thin glass fragment, clear metal
Window glass (11)
Iron crown cap and fragment, post 1891
Iron bolt
Small Christmas-type light bulb base
Unidentifiable nails (2)
Oyster shell
Unidentified wood fragment

LEVEL J7

Meleagris gallopavo, left tibiotarsus (immature)
Earthenware rim fragment, white crazed glaze, white body
Earthenware small fragment, white crazed glaze, white body
Curved glass fragment, light green metal
Curved glass fragment, green metal
Curved glass fragments, amber-brown metal (2)
Curved glass fragments, clear metal (3)
Very thin glass fragment, clear metal
Window glass (10)
Iron crown caps, post 1891
Iron crown cap fragments, post 1891
Rectangular iron fragment, possibly cast (CAT. 9681)
Unidentifiable nails (3)

LEVEL J8

Beer bottle, amber-brown metal, post 1903

LEVEL L

Bos taurus, 2 ribs (1 sawn) CAT
Ovis aries, right femoral shaft (sawn) CAT. 9510
White sand mortar fragments with white plaster on one surface, trace of light blue paint on two fragments (3) See (CAT. 9682)
Curved earthenware fragment, most glaze missing, white crazed glaze fragment on both surfaces, white body
Curved glass side wall fragment from beer bottle, amber-brown metal, embossed (CAT. 9683)
Beer bottle base, amber-brown metal, embossed (CAT. 9685)
Glass lip fragments to wide-mouthed apothecary jar, amber-brown metal
Neck and shoulder fragment to wide-mouthed apothecary jar, amber-brown metal
Curved glass fragments, amber-brown metal (30)
Curved glass fragment, green metal
C19 wine bottle rim fragment, dark green metal
Glass base fragment, light green metal
Curved glass fragment, light green metal
Curved glass fragment, clear metal, embossed (CAT. 9684)
Curved glass fragments, clear metal (18)
Tumbler base and side wall fragment, very thin glass, clear metal, slightly flaring
Very thin glass fragments, clear metal (11)
Window glass (39)
Iron wire fragment
Twisted iron wire fragment
Scrap iron fragments (3)
Flat metal band fragment
Unidentifiable nails (8)
Black slag-like fragment

LEVEL L1

Liquor bottle base and side wall fragment, clear metal, embossed
Curved glass fragments, clear metal, one embossed (4)
Window glass (9)

LEVEL L2

Bos taurus, right and left femoral shaft (both cut 2x) CAT. 9592
Rattus rattus, left humerus (proximal unfused) CAT. 9591
Catestomidae, miscellaneous elements (4)
Curved earthenware fragment, most glaze missing, small fragment dark brown glaze (lead-glaze) on interior, tan body
Hard coal fragment
Curved glass fragment, green metal
Curved glass fragment from panel bottle, light green metal
Lip fragments from wide-mouthed apothecary jar, amber-brown metal
Neck and shoulder fragment from wide-mouthed apothecary jar, amber-brown metal
Small bottle base, amber-brown metal, post 1903
Small bottle base, amber-brown metal, late C19
Curved glass fragments, amber-brown metal (57)
Curved glass fragments, clear metal (13)
"Bromo-Seltzer" bottle, 6.6 cm. high, bright blue (cobalt) metal, embossed, post 1880 CAT. 9593
Very thin glass rim fragments, clear metal
Very thin glass fragments, clear metal (3)
Window glass (83)
Unidentifiable nails (6)
White snail shell
Flat black and orange flaky fragment, possibly iron

LEVEL L3

Body and one side of rectangular panel bottle, clear metal, post 1880

Level K

Level K (2 ft. 7½ inches-2 ft. 9½ inches)

> comprised a muddy clay deposit 11 inches from the south wall and flush with the west wall. It appeared to be a wash-in, maybe a level of a particular flood. The looseness of the fill, however, could have allowed clay to wash in during a rain and filter down to this level.

Level K contained only 16 artifacts including twentieth century material such as one wire nail and one fragment of flat light green glass with printing on one surface showing through the other surface. Other artifacts included: four bones of cow, sheep, and unidentifiable mammal; four unidentifiable nails; one fragment white sand mortar; one grey slate roofing fragment; two fragments of light green window glass; one amber-brown bottle glass fragment; and one lip fragment of a white opaque "milk glass" cosmetic jar with threaded lip for screw top.

Level M

Level M "was a continuation of Level G. Excavation of it cleaned off the window sill." There were 16 artifacts from Level M, most of them glass. They included: one orange clay toy marble, 1.5 cm. in diameter; one iron crown bottle cap dating post 1891; 11 fragments of light green window glass; one neck and side of clear glass panel bottle; one clear bottle glass fragment; and one bright blue (cobalt) bottle glass fragment.

Level N

The final two levels were located between the brick floor and the window sill and show possible evidence of being slightly earlier

than the previous levels. Level N (3 ft. 8 inches -1 inch below brick floor) "consisted of more fill...." It contained a total of 77 artifacts, almost 90 percent of which are bottle glass. None of the artifacts in this level could be positively identified as post 1900, but probably date to the last quarter of the nineteenth century.

Level O

Level O (1 inch-3½ inches below brick floor) "contained an increased amount of clay and some sand. This sand was probably bedding sand for the brick level." There were 53 artifacts from Level O and, as in Level N, all appear to date from the mid to late nineteenth century.

LEVEL N

Orange brick fragment
Earthenware saucer or plate base fragment, white crazed glaze, white body
Curved glass fragment, amber-brown metal, embossed
Curved glass fragment, amber-brown metal, embossed
Curved glass fragments, amber-brown metal (33)
Glass neck fragment, clear metal, post 1880
Glass neck and lip, clear metal, post 1880
Curved glass fragments, clear metal (4)
Flat glass fragment, white opaque metal
Very thin glass fragment, clear metal
Window glass (28)
Unidentifiable nails (4)

LEVEL O

Sus scrofa, 1 right fibula (butcher marks), 1 tarsal, 1 third phalange, 1 mandibular incisor CAT. 9686
Unidentified mammal fragments (5)
Unidentified mammal rib (1)
White sand mortar fragment with white plaster on one surface
Curved earthenware fragments, white glaze, white body
Plate booge fragment, bluish-white crazed surfaces, white body C19, earthenware
Porcelain, tiny, thin rim fragment, bluish surfaces with trace of blue decoration on interior, white body, C19
Lead-glaze, curved fragment, dark brown glaze on interior, unglazed orange exterior, orange body, C18 or C19
Transfer ware, rim fragment, white glaze with blue transfer geometric floral decoration on interior, white body, C19 CAT. 9597
Transfer ware, small circular chip, dark blue transfer decoration, white body
Burned wood fragment
Base and side glass fragment of small square bottle, light green metal, possibly mid C19 CAT. 9598
Curved glass fragments, light green metal (2)
Curved glass fragments, dark green metal (3)
Curved glass fragments, clear metal (3)
Window glass (15)
Unidentifiable nails (7)
Oyster shell fragments (3)

III.

In examining these artifacts by various functional categories, the types of artifacts and their distribution within the window well can be determined. The categories used are: Hardware and Building Materials, containing bricks, nails, hinges, etc; Personal Items, including such things as buttons, toys, etc; Vessels, Containers, and Utensils, including bottles, closures, ceramics, spoons; Organic Material, including bone, charcoal, shell, wood, etc; and a Miscellaneous category, containing items which could not be identified or would not fit into one of the above categories. Since glass is such a large material category, this will affect the functional categories as well.

Hardware and Building Material

There are 510 artifacts which fit into this category which accounts for 39.6 percent of the artifacts. The largest single type in this category was building glass (368 - window, 1 - mirror) accounting for 72.4 percent of all hardware. Nails were the second largest type accounting for 16.9 percent of hardware. There were 15 wire nails, 8 cut nails, and 63 unidentifiable nails, making a total of 86 nails. Wire nails can be used in dating since they were not in common use until after 1890 (Fontana et. al. 1962: 54-55). There were two fragments of plaster exhibiting a trace of light blue paint; and several fragments of mortar with lath marks.

There did not appear to be any unusual concentrations of hardware in any one level. There were slightly higher proportions of glass in Level L and nails in Level J. However, these are

among the larger groups, and these slightly higher numbers might be expected.

Other hardware found includes:

Level B1:

1 iron door spring (?), 3/4" diameter, 2-1/2" length
1 white marble flat fragment, 2.1 cm. thick, polished on one surface
1 rose marble flat fragment, 2.1 cm. thick, polished on one surface

Level C:

1 white marble flat fragment, 2.3 cm. thick, polished on one surface

Level E:

1 iron band fragment
1 white marble flat fragment, 2.1 cm. thick, polished on one surface
2 dark grey slate fragments (shingle?)

Level F:

1 white marble flat fragment, 2.1 cm. thick

Level G:

1 white marble flat fragment, 2.1 cm. thick

Level H:

1 tapered iron rod

Level H1:

1 large iron spike
2 slate roofing tile fragments

Level J1:

1 possible iron hinge

Level J6:

1 iron bolt
1 small metal Christmas light bulb base

Level K:

1 grey slate fragment (shingle?)

Level L:

2 iron wire fragments
1 flat metal band fragment

Personal Items

There were a total of 11 personal items accounting for 0.8 percent of the total number of artifacts. This was the smallest category. There were two items related to clothing. One was a white opaque glass button, 1.08 cm. in diameter with 4 m. holes from Level E. The other was a possible bead of blue glass, 1.17 cm. in diameter. This was from Level D. There was also a small iron blade from a folding pocket knife from Level F; two fragments and three small bags of foil wrappers from modern cigarette packages from Levels A, B, and E; and one shell of a golf ball found in Level G. There were also two toy marbles. One had a brown mottled glaze, the so-called "Bennington" glaze of the late nineteenth of early twentieth centuries. The other was a plain unglazed orange clay. Both were approximately 5/8 inch in diameter.

Vessels, Containers, and Utensils

This category contained the largest number of artifacts, 592, and accounted for 45.9 percent of all artifacts. Glass was the largest single type with 532 artifacts or 89.9 percent of the Vessels category. Ceramics accounted for only 4.9 percent of 29 artifacts. While there were a large number of individual artifacts, these represent a much smaller number of vessels or containers.

The 29 fragments of ceramics represent a minimum of 19 ceramic vessels, all of these having only a very small portion of the vessel present. There are four single rim fragments from plain whiteware or ironstone vessels, probably plates or saucers. There are several other fragments of this type which may be part of one or the other of the four plates. Two very small fragments of earthenware cannot be identified as to the type of vessels they represent. One has a white interior glaze and a very pale blue exterior glaze. The other appears to be from a piece of banded ware. It has evidence of a bright blue band on a white exterior. This type of ware was prevalent in the nineteenth century

Four fragments of transfer decorated earthenware all appear to be from different vessels. The largest fragment is decorated in brown trasnfer and has a portion of a "Chinoiserie" scene on the interior. This may be a portion of a saucer. One very small fragment has a black floral transfer decoration on one surface. Both the brown and the black must date after 1820 since colors other than blue were not used in transfer decoration prior to this time. However, how much later they date cannot be determined from these very small fragments. There are two small fragments with blue transfer decoration. One is a rim fragment, probably from a small dish or saucer. It has a light blue foliate or floral decoration on the interior. The other fragment is merely a chip, indistinguishable in form or style. It has a dark blue transfer decoration.

Other earthenware include two rim fragments from Levels A and C which mend to form the portion of a rim from a possible pearlware

(early to mid nineteenth century) green shell edge decorated plate. There is also a relatively large fragment of a yellow lead-glazed bowl or container. Also in lead-glazed earthenware there are three fragments with dark brown glaze, two with orange bodies, one with a tan body, representing three more unidentifiable vessels.

Two fragments may represent portions of porcelain vessels of some type. Again they are so small that vessel form cannot be determined. One is a plain white fragment; the other is an extremely thin rim fragment, possibly from a cup or bowl. It has evidence of a blue decoration of some type on the interior. The thinness of this rim may indicate an early date for this piece, possibly eighteenth century. However, with such a small fragment this cannot be positively determined.

A minimum of two stoneware vessels are represented. One appears to be a thick-walled, grey glazed crock of nineteenth century date. There are three fragments of a stoneware beer bottle also. This type of bottle with a tan-glazed body (represented by the three fragments) and a yellow-glazed neck was in common usage in the second half of the nineteenth century.

Not a great deal can be said about the ceramics since there are such small pieces. There is what could be said to be the normal assortment of late nineteenth to early twentieth century types. The only possible diagnostic concentration lies below the brick floor of the window well. All of the ceramics found in Level O which include the porcelain rim fragment, one of the lead-glazed fragments, and the two blue transfer decorated pieces, could date to

an earlier portion of the nineteenth century, possibly into the late eighteenth century.

A minimum of 41 glass bottles and containers are represented from the window well. Again there was no unusual concentration of bottle glass. Like the ceramics, the glass in Level O was agreeable with an early date, possibly closer to mid-nineteenth century. The determination of the number of bottles was done from necks and/or bases, whole and fragmented. The dating of the bottles was determined by various manufacturing mold marks as given by Newman (1970). The following bottle types can be identified:

a minimum of -

3 dark green wine bottles (nineteenth or twentieth century)
6 amber beer bottles (5 of them dating post 1903)
2 small amber bottles (one with small neck and cap-like covering, post 1903)
1 square-sided amber bottle
3 wide-mouthed flaring rim amber apothecary jars
5 green soft-drink bottles, post 1903
1 light green large unidentifiable bottle
1 light green screw top liquor (?) bottle, post 1903
1 light green straight-sided bottle, possibly mid-nineteenth century
1 light green extract bottle
2 clear soft-drink bottles (Tru Ade and Nesbitts), post 1903
3 clear screw-top liquor (?) bottles, post 1903
1 clear ridged glass bottle with metal shaker top
1 clear liquor bottle, marked "B. THORNTON ... BALTIMORE, MD. - FULL HALF PINT", post 1880
4 clear unidentifiable bottles, post 1880
1 clear panel bottle, post 1880
1 clear short, wide-mouthed bottle, post 1880
2 milk glass cosmetic jars
1 cobalt bromo-seltzer, marked "BROMO-SELTZER - EMERSON - DRUG CO. - BALTIMORE, MD."
1 cobalt wide-mouthed bottle (Noxema?)

Related to the bottles are closures. Two glass canning lids, made for a wire seal, can be included here. There was no other evidence of canning jars in the glass, and the lids were unmarked. There were four plastic bottle caps identified, obviously of a very recent vintage. One was a bright green atomizer top with a rubber squeeze bulb. There was also a hard mottled grey and a soft white snap-on cap. The last plastic cap was a hard black plastic screw-on cap marked "DIXIE BELLE GIN." Metal closures were the last type identified. These included four screw-on bottle caps, one larger screw-on lid similar to a mayonnaise jar lid, which indeed it may be. There were also 19 iron crown bottle caps found from Level B to Level M. The crown cap was first manufactured in 1891 so this supplies a probable twentieth century date to these levels.

The only utensil found was an iron spoon handle from Level E. It is in very poor condition and, therefore, cannot be identified or dated further. It has fragmentary evidence of a surface decoration.

Organic Material

Organic material accounted for 7.5 percent of all artifacts with 96 pieces. Animal bone included 73 pieces or 76 percent of all organic material. As mentioned previously, a separate report on the bone is included with this report. Also included in this category is:

Level A:

1 wood knothole

Level A1:

4 bones

Level B:

2 bones

Level B1:

2 small wood fragments, one burned
5 bones

Level C:

1 small fragment of burned wood

Level D:

5 bones

Level E:

1 clam shell
1 bone

Level E1:

1 oyster shell fragment
11 bones

Level F:

1 hard coal fragment
1 clam shell
1 small white snail shell
1 unidentifiable wood fragment
1 bone

Level H:

½ walnut shell
2 bones

Level H2:

½ walnut shell

Level H3:

2 bones

Level J1:

8 bones

Level J3:

5 bones

Level J4:

1 bone

Level J6:

1 oyster shell
1 unidentifiable wood fragment
1 bone

Level J7:

1 bone

Level K:

4 bones

Level L:

3 bones

Level L2:

1 hard coal fragment
1 white snail shell
7 bones

Level O:

1 burned wood fragment
3 oyster shell fragments
10 bones

Miscellaneous

This category included 79 items that either could not be identified or for some reason would not fit into one of the other categories. Glass fragments (48) made up the largest number with 60.7 percent of the category. Artifacts included in this category are:

Level A:

1 flat, hard, grey layered stone
1 black, flaky, slag-like fragment

Level B:

1 flat grey schist (?) fragment
5 black slag-like fragments

Level B1:

5 very thin clear glass fragments
1 thin metal curved sheet
1 black slag-like fragment
1 cylindrically shaped tar (?) fragment, 4.4 cm. in height

Level D:

1 very thin clear glass fragment

Level E:

2 clear glass fragments, frosted on one surface
3 very thin clear glass fragments
1 small bag of iron scrap
1 small flat grey metal fragment
1 hard, mottled reddish-brown molded plastic fragment
2 fragments of grey schist (?)
1 possible cinder

Level E1:

5 very thin, clear glass fragments
1 small bag of iron scrap

Level F:

3 very thin clear glass fragments
1 small bag of iron scrap
1 grey slag-like fragment

Level H:

1 unidentified reddish-brown mottled molded plastic object

Level H2:

1 very thin clear glass fragment

Level H3:

1 heavy curved clear glass rim fragment
1 straight-sided clear glass rim fragment
1 very thin clear glass fragment

Level J2:

1 flat light green glass fragment with printed backing

Level J3:

1 very thin clear glass fragment

Level J4:

2 very thin clear glass fragments
1 slight concave metal strip

Level J6:

1 very thin clear glass fragment
2 very thin flat copper alloy fragments

Level J7:

1 very thin clear glass fragment
1 rectangular iron fragment, cast (?)

Level K:

1 flat light green glass fragment with printed backing

Level L:

11 very thin clear glass fragments
3 iron scrap fragments
1 flat metal band fragment
1 black slag-like fragment

Level L2:

5 very thin clear glass fragments
1 flat black and orange flaky fragment, possibly iron

Level N:

1 flat white opaque glass fragment
1 very thin clear glass fragment

IV.

Due to the type of information supplied, it is not possible to determine a date for the filling of the window well. Very late material appears scattered throughout the levels with the exception of Levels N and O below the floor. It can be said that the artifacts below the floor appear to date to a mid-nineteenth century date which conforms to the architectural evidence as given by Bauxar (1976: 7). However, the rather confused nature of collection and reporting inhibits the precise dating of the fill.

There also appears to be no disproportionate concentration of certain types of artifacts between the levels. There is a large amount of glass throughout the window well which may reflect on consumption patterns in the structure. However, with the information available, it is unfortunately not possible to draw any conclusions regarding deposition, consumption, or any other human activity pattern.

V.

The window well trench was subsequently opened an additional 2 ft. 1 inch southward and 1 ft. 10 inches to the west. This was done "(1) to try to establish the function of some flat stones that appeared 9 in. west of the west wall of the window well" (Bauxar 1976: 8). It was possible these were part of a path leading to a basement entrance; and "(2) to determine the width of the original bulkhead wall. The trench was excavated to the depth of the stones which was 1 ft. below datum" (Bauxar 1976: 8). The boundaries of the stones were not determined, so that it could not be established whether this was actually a path. The width of the bulkhead wall was determined to be 20 inches.

These two trenches were labeled FS2 and FS3; however, it is not stated which is which in the report. The artifacts, in any case, would play a small part in answering these questions. All that can be done, therefore, is to list and describe the artifacts from each trench by material types and functional categories.

There were two divisions in FS2. These were labeled A1 and A2. They may again reflect only a collection process with all artifacts actually coming from the larger trench A. However, they will generally be identified by division. FS2 contained a total of 37 artifacts. The largest number, 19, were of glass, accounting for 51.3 percent of all artifacts. The combined metal categories (4 artifacts) contained 10.8 percent of all artifacts; bone (9 artifacts), 24.3 percent; ceramic (3 artifacts), 8.1 percent; and all others (2 artifacts), 5.5 percent. Of the glass, 63.1 percent

or 12 artifacts could be identified as bottle glass; 31.6 percent (6 artifacts) as undiagnostic window glass; and 5.3 percent (one artifact) was from a glass vessel of some type. Level A1 contained 23 artifacts, and A2 contained 14.

By dividing the artifacts into functional categories, it is possible to see the types of objects that were deposited. There are four functional categories for FS2.

Hardware and Building Materials

Ten artifacts or 27 percent of the total could be identified as Hardware. This includes six fragments of window glass, one cut nail and one wire nail, an iron spike approximately 5 inches in length, and an oval iron ring approximately 2 inches by 3 inches whose use is not known. The small number of artifacts in all of these categories makes it difficult to say anything about their use or any consumption or deposition patterns.

Personal Items

There was just one personal item, a small fragment of a slate pencil. This accounted for 2.7 percent of the total.

Vessels and Containers

This was the largest group, containing 16 artifacts or 43.3 percent of the total. A minimum of three ceramic and seven glass vessels could be determined. The ceramic vessels are each represented by one fragment; therefore, identification of form is very difficult. Two of the fragments came from whiteware or ironstone

LEVEL A1
FS2

Bos taurus, left femoral shaft fragment (sawn 2x)
Sus scrofa, rib (sawn)
Gallus domesticus, left femur (immature)
Base and side fragment from earthenware bowl (?), white glaze, white body, molded decoration on exterior
Curved glass fragment, green metal
Curved glass fragments, dark green metal (2)
Curved glass fragments, amber-brown metal (5)
Curved glass fragments, clear metal (2)
Window glass (5)
Glass rim fragment, serrated, clear metal
Possible iron spike (CAT. 9689)
Iron oval ring (CAT. 9688)
Cut nail (1)

LEVEL A2
FS2

Bos taurus, 1 rib (rodent scavenged), 1 left femoral shaft (sawn 2x)
Sus scrofa, right humeral shaft fragment (sawn 2x, butcher marks; tooth identation)
Unidentified mammal fragments (3)
Earthenware rim fragment, white glaze and body
Porcelain, rim fragment, made to hold lid (?), white glaze on exterior, unglazed interior, white body
Burned wood fragment
Curved glass fragment, light green metal
Curved glass fragment, amber-brown metal
Window glass (1)
Wire nail (1)
Slate pencil fragment (CAT. 9690)

type vessels. One of these is a rim fragment and has a slightly bluish tinge. The other is a base piece with a molded decoration on the exterior. This may be from a bowl. The third piece appears to be porcelain which has been subjected to heat. It is a rim fragment from a straight-sided round vessel and may have had a lid. It has a smooth glazed exterior and a rough unglazed interior. It is white.

The glass represents a minimum of six bottles and one possible bowl. The bottles include:

a minimum of:

1 amber beer bottle (post 1903)
1 unidentifiable yellow-amber bottle
1 unidentifiable green bottle
1 dark green wine bottle
1 clear liquor (?) bottle with trace of embossing (post 1932)
1 light green possible baking soda bottle

The bowl is represented by a serrated rim fragment of clear glass.

Organic

The Organic category contained ten artifacts or 27 percent of the total. Of the ten, nine were bone and one was a small fragment of burned wood charcoal.

FS3 was divided into Levels A, A1, and A2. Once again it is not clear whether this is merely a reflection of the collection process. Level A contained one artifact, a small bag of iron scrap; A1 contained 50 artifacts; and A2 contained 75 artifacts. All these make a total of 126 artifacts. Included in this total are three small bags which have been counted as one artifact in this report. As in FS2, glass was the largest material type with

LEVEL A1
FS3

Sus scrofa, 1 second phalange (unfused), 1 distal metatarsal
Unidentified mammal (burned)
Unidentified bird
Earthenware rim fragment, white glaze with red, black, and green floral painted decoration on interior, white body, late C19
Curved glass fragment, bright green metal
Curved glass fragment, green metal
Curved glass fragments, light green metal (2)
Glass base fragment, amber-brown metal, post 1903
Curved glass fragments, amber-brown metal, some embossed (11)
Curved glass fragments, clear metal, some embossed (11)
Window glass (12)
Flat glass fragments, clear metal, frosted on one surface (2)
Very thin glass curved fragment, clear metal
Iron crown cap, post 1891
Cut nail (1)
Worm core (marine)?

LEVEL A2
FS3

Bos taurus, rib
Sus scrofa, right maxilla fragment (CAT. 9691)
Ovis aries, 1 cervical vertebrae, 3 rib fragments
Sylvilagus floridana, atlas
Gallus domesticus, left distal humerus (rodent scavenged)
Unidentified mammal fragments (6)
Small earthenware chip, white glaze and body
Earthenware saucer or small deep bowl rim to base section, white glaze with red-blue-green-yellow printed decoration on interior rim, raised molded decoration around rim, white body. Trace of green printed mark on bottom (CAT. 9692)
Curved salt-glazed fragment, mottled green-grey exterior glaze, unglazed grey interior, grey body, C18 or C19 (CAT. 9694)
Lead-glazed base fragment, dark brown glaze on interior, orange unglazed exterior, orange body, C18 or C19 (CAT. 9693)
Transfer ware, curved fragment, white glaze with blue transfer decoration on interior, white body, C19
Foil from modern cigarette wrapper (bag)
Beer bottle neck, amber-brown metal, C20
Beer bottle base, amber-brown metal, C20
Curved glass fragments, amber-brown metal, some embossed (13)
Curved glass fragment, deep red metal
Curved glass fragments, light green metal (2)
Curved glass fragment, dark green metal
Curved glass fragments, clear metal (11)
Window glass (10)

Level A2, FS3, continued

Rounded glass handle with flat shelf at top, clear metal
Iron crown caps, post 1891
Unidentifiable iron scrap (bag)
Wire nails (3)
Unidentifiable nails (3)
Oyster shell
Clam shells (2)

83 artifacts or 67.5 percent of the total. The combined metals (14 artifacts) account for 9.8 percent of the total; bone (18 artifacts), 14.6 percent; ceramic (6 artifacts, 4.9 percent; and all others (5 artifacts), 3.2 percent. Of the glass, 57 fragments of bottle glass make up 68.7 percent of the glass. There are 22 undiagnostic fragments of window glass or 26.5 percent of the glass. The remaining four artifacts make up 4.8 percent of the glass.

Five functional categories again point out the types of artifacts and their distribution.

Hardware and Building Materials

This category contained 29 artifacts for 23 percent of the total. Window glass accounted for 22 of the Hardware artifacts, and 7 nails made up the rest. There was one cut nail, three wire nails, and three unidentifiable nails. There were no other artifacts that could be classified as Hardware.

Personal Items

One small bag of foil from a modern cigarette package was the total of the Personal Items category. This was 0.8 percent of all artifacts.

Vessels and Containers

This category contained 69 artifacts and accounted for 54.8 percent of the total. It was the largest category. All of these artifacts, however, actually represent a smaller number of total vessels or containers.

Of the six fragments of ceramics, a minimum of five vessels is represented. There is one large section of an earthenware small bowl or deep saucer. It has a slightly creamy colored glaze with a multi-colored printed decoration around the rim. There are three concentric circles on the exterior base and a trace of a green printed mark. The mark cannot be identified. There is also a raised, molded decoration around the scalloped rim. This dish appears to be of late nineteenth or early twentieth century style.

Another small rim fragment is from a white glazed earthenware saucer. It has a trace of a bright red and green floral painted decoration. This is a common type of the late nineteenth century. Also in earthenware is a fragment of a blue transfer decorated saucer. The small size of the piece makes it impossible to further identify or date the vessel. The last earthenware fragment has an orange body and a dark brown lead-glaze on the interior. It appears to be from a straight sided crock or container.

There is one small stoneware fragment. The form of vessel it represents cannot be determined. It has a mottled grey-green salt-glaze exterior. The interior is an unglazed grey. It has a hard grey body.

The glass in this category represents a minimum of 13 bottles and one glass vessel. The bottles include:

a minimum of:

4 amber beer bottles (2 post 1903)
1 unidentifiable yellow-amber bottle
1 dark green wine bottle
1 unidentifiable olive green bottle
1 unidentifiable green bottle
1 unidentifiable light green bottle

1 light green possible baking soda bottle
1 bright green possible soft drink bottle
1 unidentifiable ruby red bottle
1 clear liquor (?) bottle (post 1932)

The glass vessel is represented by a clear glass handle fragment, oval in section. The handle top where it attaches to the vessel has what seems to be a thumb rest, or flat platform. This may mean it is a handle to some type of drinking mug.

There were also five crown bottle caps which can be included in this category. The crown cap was not used until 1891, thus helping to give a time range on this trench.

Organic

The Organic category contained 18 bone fragments, one oyster shell, and two clam shells. This total of 21 artifacts accounted for 16.6 percent of the total.

Miscellaneous

This category contained six artifacts that either could not be identified or would not fit into one of the above categories. The category accounted for 4.8 percent of the total. Included were:

Level A:

1 small bag of iron scrap

Level A1:

2 flat clear glass fragments, frosted on one surface
1 very thin clear glass fragment
1 unidentified object, possibly a marine worm core (?)

Level A2:

1 small bag of iron scrap

Since it is not clear from Bauxar's report which of these, FS2 or FS3, was the western extension to determine the path or the southern extension to determine the bulkhead wall width, it seems rather pointless to make any assumptions from the artifacts pertaining to these questions. As in the window well itself, these extensions show the highest number of artifacts are glass and fall into the Vessels and Containers category. This is consistent with the deposition in the window well. Like the window well, little can be established about human activity around the window well mainly due to a lack in the archaeological record.

VI.

In the vicinity of these previous sites, a test trench designated TTA, "was opened flush with the south wall of the bulkhead on the west side of Building B" (Bauxar 1976: 8). This was done "to see if a stone stair landing or evidence of one existed in this place" (Bauxar 1976: 8). Architecturally, it was expected that one would have been built here. "The trench was 4 ft. 5 in. north-south and 6 ft. 1½ in. east-west." After excavating 12 inches below datum, no evidence of a landing was found. If there had been a landing it should have appeared by this time according to Bauxar (1976: 9), so excavation was ended.

There were four level divisions in TTA. Bauxar identifies only one directly and one other by inference. She says Level 1 was the topsoil level. A total of 13 artifacts were received from a level marked 1a. This apparently conforms to the topsoil. Included in this group are: one small snail shell, one earthenware rim fragment, 10 clear bottle glass fragments. One of the glass fragments indicates a post 1903 date.

There are two divisions for Level 2: 2a and 2b. There is no mention of a Level 2 in Bauxar's report. It might be assumed that it is directly below topsoil. Level 2a contained a total of 138 artifacts. Level 2b contained nine bottle glass fragments of bright green, amber, light green, and clear glass.

Level 3 was not identified as such in the artifacts received. They were labeled "under rock to 9 inches." Bauxar mentions this level in these terms in the report. This group was arbitrarily

LEVEL 2a
TTA

Unidentified mammal vertebrae (sawn)
Curved earthenware fragment, yellow exterior glaze with trace of white possibly a band, white interior glaze, white body
Earthenware handle fragment, yellow glaze, white body
Flat earthenware plate base (?) fragment, white crazed surfaces, white body
Small earthenware fragment, one surface missing, white glaze on other, white body
Earthenware rim fragments, similar to HAFE/TTA/1a-1, slightly yellowish glazed surfaces, white body, molded floral decoration on surface, red-blue-green printed decoration CAT. 9600 + 9601
Salt-glazed drain pipe fragment, brown glaze, orange body, modern
Transfer ware, small fragment from plate (?), white exterior glaze, blue floral transfer decoration on interior white body, C19
Ironstone, heavy plate section, possibly commercial or "hotel" china, white surfaces with aqua blue filigree decoration near rim, white body, late C19 or C20
"7-Up" bottle base and side fragment, bright green metal, white silk-screened labeling, C20
Small glass fragment, bright green metal, white silk-screened decoration
Glass base, bright green metal, post 1903
Curved glass fragment, bright green metal
Curved glass fragments, aqua blue metal (2)
Beer bottle neck, amber-brown metal, post 1903
Curved glass fragments, light green metal (4)
Glass base fragment, amber-brown metal, post 1903
Glass bottle base, embossed on base, amber-brown metal
Curved glass fragments, amber-brown metal (15)
Glass bottle neck fragment, iron screw top still in place, clear metal, post 1903
Glass rim, clear metal, no neck-wide sloping shoulders, post 1903
Glass bottle neck and rim fragments, clear metal
Glass bottle base fragments, clear metal, post 1903
Curved glass fragments, clear metal (48)
Window glass (32)
Fragment of canning jar lid, curved edge, clear metal
Very thin glass fragments, curved, clear metal (2)
Iron crown cap, post 1891
Iron screw top can, C20
Small flat iron fragment
Steel (?) screw top bottle cap
Metal light bulb screw base
Unidentifiable nails (2)
Small tan snail shell CAT 9603
Black coal-like material formed into cylindrical shape, smooth outer surface

LEVEL 3
TTA

Bos taurus, T-C (sawn)
Sus scrofa, 1 left humeral shaft, 1 left femoral shaft (butcher sawn 2x), 1 phalange fragment
Unidentified mammal bones (3)
Unidentified bird bones (2)
Curved fragment white sand mortar
White opaque milk glass button, 5/8" diameter, 4 holes CAT-9608
Straight-sided earthenware vessel base and side fragment, slightly yellowish glaze, white body
Small earthenware curved fragment, slightly yellowish glaze, white body
Small earthenware curved fragment, white glaze, white body
Lead-glazed, slightly curved fragment, dark brown glaze on interior, unglazed orange exterior, orange body, C18 or C19
Edgeware, plate rim fragment, blue shell edge decoration, white glaze and body
Transfer ware, cup rim fragment, thin fragment, blue transfer decoration on both surfaces, white body.
Porcelain, doorknob fragment, white glazed surfaces, white body
Porcelain, cylindrical knob fragment, white glaze and body CAT-9607
Patent glass medicine bottle neck, light green metal, post 1880
Extract glass bottle neck, light green metal, post 1880
Glass shoulder fragment, clear metal, embossed cross-hatch design, possibly poison bottle
Glass fragment, clear metal, embossed
Curved glass fragments, aqua-blue metal (3)
One glass base fragment, one curved fragment, bright green metal (2)
Curved glass fragments, light green metal (7)
Curved glass fragments, amber-brown metal, embossed with portions of "FEDERAL LAW FORBIDS...", post 1932 (3)
Curved glass fragments, amber-brown metal (8)
Glass screwtop bottle neck, clear metal, post 1903
Glass bottle bases, clear metal, post 1903
Glass shoulder fragment, clear metal, embossed "FEDERAL LAW FORBIDS. post 1932
Curved glass fragment, clear metal, embossed "FEDERAL LAW FORBIDS... post 1932
Thick glass bottle side wall fragment, silk-screened label, clear metal
Curved glass fragments, clear metal (38)
Window glass (12)
25 Amp. fuse
Curved glass handle (?) fragment, light green opaque metal
Glass canning lid rim fragment, white opaque metal
Flat glass fragments, ridged on one surface, white opaque metal
Very thin glass curved rim fragments, clear metal
Very thin glass curved fragments, clear metal (5)
Curved glass canning jar lid fragments, clear metal

Level 3, TTA, continued

Iron crown bottle caps, post 1891
Thin iron wire (?) fragment
Unidentified iron lump
L-shaped metal hook, threaded at long end
25 Amp. fuse
Cut nails (2)
Wire nails (5)
Unidentifiable nails (24)

assigned the number "3" for ease in labeling and cataloging. This level contained 157 artifacts and was the largest level.

There were, therefore, a total of 317 artifacts from TTA. Glass was the largest category by far with 238 artifacts or 75.1 percent of the total. The combined categories of metals with 46 artifacts accounted for 14.5 percent of the total; ceramic (18 artifacts), 5.7 percent; bone (10 artifacts), 3.1 percent; and all others (5 artifacts), 1.6 percent. Of the glass, 177 artifacts or 74.4 percent of the glass were bottle fragments. Undiagnostic window glass with 45 fragments made up 18.9 percent of the glass. And 16 miscellaneous fragments accounted for the remaining 6.7 percent.

It is again also possible to examine the artifacts in terms of the functional categories they fit.

Hardware and Building Materials

This category contained a total of 84 artifacts or 26.5 percent of the total. Of this total 45 artifacts were window glass. There were also 33 nails, 2 cut, 5 wire, and 26 unidentifiable. Other artifacts included: one curved fragment of white sand mortar, one thin iron wire fragment, one metal light bulb base, one L-shaped hook, one 25-amp. fuse, and one white porcelain door knob fragment. CAT. 7605

Personal Items

The only Personal Item was a white opaque milk glass button, 5/8" in diameter with four holes. This came from Level 3.

Vessels and Containers

There were a total of 206 artifacts in this category accounting for 65 percent of the total. Glass was the largest material type in this category with 182 artifacts or 88.3 percent of all vessels. As in the other sites, this large number of artifacts represents a much smaller number of vessels and containers.

Ceramics include 17 artifacts of which a minimum of 11 vessels is represented. The representative pieces are again small. The largest fragment is a section of a thick ironstone saucer. It resembles the commercial or hotel china still manufactured today. It has a hard white body, a white glaze with an aqua-blue curvilinear decoration around the interior rim. There is a slight lip on the rim. Three small rim fragments, possibly from a saucer, have a cream glaze, earthenware body, molded raised decoration and a trace of multi-colored printed decoration on two of the fragments. There is a flat base fragment representing possibly a plate with an off-white crazed glaze and a white earthenware body.

A possible creamware fragment from a straight-sided round vessel may date to the early nineteenth century. Another possible early to mid-nineteenth century vessel is represented by a plate rim fragment with blue shell-edge decoration. Two transfer decorated vessels are represented by small fragments. One is a rim to a cup or bowl with blue scenic decoration on the exterior and blue floral decoration on the interior. One very small plate or saucer fragment has a light blue cross-hatching and foliate decoration.

There are a minimum of two lead-glazed vessels present. One has an orange body and unglazed exterior, and a dark brown glazed interior. The other is represented by two fragments. One a body fragment with a white glazed interior and yellow glazed exterior with trace of a white band. The other fragment is a small handle fragment with a yellow glaze. Both have a tan earthenware body.

There are two other fragments which may or may not represent vessels. One is a white glazed porcelain fragment and the other a dark brown glazed fragment with an orange body. This latter may be from a drain pipe.

The glass represents a minimum of 23 bottles. These include: a minimum of -

3 amber beer bottles (one post 1903)
3 bright green soft drink bottles (post 1903; one 7-UP)
1 light green soft drink bottle
1 clear soft drink bottle (Nehi), post 1903
8 clear liquor (?) bottles, one with iron screw-on cap (post 1903, some post 1932)
1 clear canning jar MT 9613
1 aqua canning jar
1 dark green wine bottle
2 light green extract or medicine bottles, post 1880
1 clear possible poison bottle
1 unidentifiable green bottle

Two other glass vessels are represented. One is a very thin clear glass tumbler. The other is represented only by a light green opaque small handle fragment.

Closures are the final type of artifact in this category. There are fragments of two clear glass canning lids, made for a wire seal, and one fragment of a white opaque canning lid used in combination with a metal cap. There were also five iron crown bottle caps, dating post 1891; and two screw-on caps, dating within the twentieth century.

Organic

The Organic category included ten bone fragments and four shells. The shells were from snail (3) and oyster. This category accounted for 3.8 percent of the total.

Miscellaneous

The Miscellaneous category included 14 artifacts that could not be identified or did not fit into another category. It accounted for 4.4 percent of the total. The artifacts included:

Level 2a:

2 very thin clear glass fragments
1 small flat iron fragment
1 cylindrically-shaped black coal-like object

Level 3:

2 flat white opaque glass fragments, ridged on one surface
7 very thin clear glass fragments
1 unidentifiable iron lump

The artifacts from TTA throughout all levels point to a late date, well into the twentieth century. Other than a few early ceramic artifacts, there is little that would help the archaeologists in confirming or denying the existence of a landing in this area. In fact, Bauxar's report states that there evidently was no landing. The artifacts seem to exhibit nothing more than a normal assortment of a disturbed topsoil level.

VII.

One additional excavation was undertaken around this structure, designated TTB.

> A test excavation was performed east of the basement entrance on the north side of Building 9. This was to determine whether or not there once existed an areaway (and possibly steps) leading to the basement door (Bauxar 1976: 9).

There was no evidence of stairs or an areaway; however, there was a wall found which was original to the building. Although there was no proof of an areaway, Bauxar (1976: 10) contends that evidence points in this direction.

There were four divisions or levels made which, once again, Bauxar does not discuss. The levels are labeled 1a, 1b, 1c, and 1d, all of which contain a total of 83 artifacts. Level 1a is the largest with 30 artifacts; 1b has 17 artifacts; 1c; 17 artifacts; and 1d, 19 artifacts. As in all of the sites discussed, glass leads the material type with 35 artifacts or 42.2 percent of the total. The combined metals with 14 artifacts account for 16.9 percent of the total; bone (13 artifacts), 15.7 percent; ceramics (15 artifacts), 18.1 percent; and all others (6 artifacts), 7.1 percent. In the glass, 18 artifacts or 51.4 percent, are bottle fragments. Window glass accounts for 45.7 percent with 16 artifacts; and there is one miscellaneous glass artifact or 2.9 percent of all glass.

These 83 artifacts also can be divided into five functional categories to examine their types and distribution.

LEVEL 1a
TTB

Bos taurus, rib
Unidentified mammal bones (4)
Salt-glazed fragment from modern drain pipe
Curved salt-glazed fragment, grey exterior glaze, brown interior glaze, grey body with brown core, C19
Transfer ware, small fragment from plate (?), white surfaces with trace of blue transfer decoration on interior, white body
Glass bottle neck, amber-brown metal
Curved glass fragment, olive green metal
Curved glass fragments, light green metal (4)
Window glass (7)
Very thin glass fragment, clear metal
Cut nails (3)
Wire nails (2)
Unidentifiable nails (2)
Tan clay marble, 1.75 cm. in diameter

LEVEL 1b
TTB

Rattus rattus, right femur (distal unfused)
Gallus domesticus, left ulna
Tan sand mortar fragment with white plaster on one surface
Small earthenware rim fragment, white crazed glaze, white body
Small earthenware curved fragment, white crazed glaze, white body
Small curved salf-glazed fragments, interior surface missing, orangish-brown exterior glaze, soft orange body, not from vessel (?)
Modern drain pipe fragment
Blacking or ink bottle fragment, light brown exterior glaze, grey unglazed interior, grey body, C19
Curved glass fragments, light green metal (2)
Curved glass fragment, olive green metal
Wire nail (1)
Unidentifiable nails (2)
Oyster shell
Purplish slag-like fragment

LEVEL 1c
TTB

Bos taurus, rib (sawn)
Rattus rattus, right femur (distal unfused)
Small earthenware fragment, white glaze and body
Modern drain pipe fragment
Wide curved salt-glazed handle, grey glaze and body, C18 or C19
Porcelain, rounded fragment, white glaze on one surface, unglazed other, white body, possibly from doll
Small fragment hard coal
Glass bottle rim fragments, C19 wine bottle, dark green metal
Glass base fragment from wine bottle, dark green metal
Window glass (5)
Rounded iron wire fragment
Squared off iron wire fragment
Small white elongated snail shell

LEVEL 1d
TTB

Unidentified mammal bones (3 sawn) (4)
Modern drain pipe fragment
Transfer ware, plate rim fragment, brown geometric transfer decoration on interior, white glazed exterior, white body
Glass side wall fragment, clear metal, embossed
Wine bottle kick, C19, dark green metal
Durved glass fragments, light green metal (2)
Curved glass fragments, dark green metal (3)
Window glass (4)
Long iron wire or spike, square in section
Unidentifiable nail

Hardware and Building Materials

This is the largest category with 35 artifacts and 42.2 percent of the total. Window glass with 16 fragments, and nails with 11, make up the majority of the category. There are three cut nails, three wire nails, and five unidentifiable nails. Also included are:

Level 1a:

1 fragment of ceramic drain pipe

Level 1b:

1 tan sand mortar fragment with white plaster on one surface
1 fragment of ceramic drain pipe

Level 1c:

1 fragment of ceramic drain pipe
2 iron wire fragments

Level 1d:

1 fragment of ceramic drain pipe
1 iron wire fragment

Personal Items

One tan clay marble, approximately 5/8 inch in diameter was the only personal item identified.

Vessels and Containers

This category contains a total of 29 artifacts for 34.9 percent of the total. The artifacts are of glass and ceramic. A minimum of six ceramic vessels are represented by 11 artifacts. One crazed white glazed earthenware vessel, possibly a cup, is represented by two artifacts. One is a recurved rim fragment with no decoration. Two transfer-decorated plates or saucers are

represented. A rim fragment from one has a brown geometric transfer design on the interior and appears to have a scalloped edge. This brown transfer dates post 1820. The other fragment has a trace of blue geometric design.

A small white porcelain fragment may be from a knob or lid. It is glazed on the exterior and unglazed on the interior. Two salt-glazed vessels also are represented. One larger fragment appears to be a body fragment from an ink or blacking bottle of a type used during the nineteenth and early twentieth centuries. It has a greenish-grey exterior glaze and a grey unglazed interior and body. Two dark grey salt-glazed fragments come from an unidentifiable form of vessel. One of the fragments is a wide handle piece. Two remaining fragments may not represent a container or vessel as such, but may be from a drain pipe. Bottles are the only type of glass vessels represented with a minimum of eight. They include:

a minimum of -

1 amber beer bottle
2 dark green wine bottles
2 olive green wine bottles
1 light green canning jar
1 clear medicine bottle
1 unidentifiable light green bottle

Organic

Bone with 13 fragments again makes up the majority of this category. One fragment of hard coal, a snail shell, and an oyster shell make a total of 16 artifacts or 19.3 percent of the total.

Miscellaneous

There were only two artifacts that could not be positively identified. They were a very thin clear glass fragment from Level 1a, and a purplish slag-like fragment from Level 1b.

There were several other groups containing nine artifacts that were labeled with a TT or test-trench designation but were not identified further or had an unintelligible label. For this reason, these groups are not included in the discussions above but are identified by means of catalog cards. These cards are included with information submitted to the National Park Service, Historic Preservation Division, Denver Service Center.

TTB, like TTA, shows a typical assortment of artifacts that might be found in a topsoil level. Since there is no discussion of what these levels relate to within the test trench, it is difficult to draw conclusions concerning their relationship or significance to the purpose of the excavation.

Park doesn't have ... see note below

VIII.

Excavation was also carried out around Building 12. However, there was no report received on these excavations. The artifact bag labels indicate that the artifacts are from Basement entrance(s) 1, 2, 3, 4. It is not clear whether these are four levels of one entrance or four separate entrances. *

Building No. 12 was constructed in 1838-39 as a three-and-one-half-story brick structure with full cellar. A two-story brick wing with cellar was added in 1840-45. Building 12 served as a dry goods store through most of the nineteenth century. In 1894 it was a drug store. Its use after this time is not known.

There were a total of 60 artifacts from these groups. The large majority of the artifacts, 42, were ceramic accounting for 70 percent of all artifacts. Many of them appear to date from the mid to late nineteenth century. Glass was the next largest group with 14 artifacts or 23 percent of the total. Metals with 3 artifacts accounted for 5 percent of the total; and a single oyster shell made up the remaining 2 percent.

In terms of functional categories, the Vessels, Containers, and Utensils accounted for 95 percent of the total. There was one artifact each in Hardware, Personal Items, and Organic.

* 3/12/80 called Cathy Blee, DSC on above - she said the objects are from entrance way of Bldg. 12 (surface finds) by Deborah Bauser. No written material on this - per C. Blee.
HES Stanbro

BASEMENT ENTRANCE 1

Copper alloy ring, 4.77 cm. in diameter, evidence of tin (?) wash, curved and decorated edge CAT. 9574

Glass perfume or cologne bottle, clear metal, 4-tiered bulbous body, post 1880, marked around base "AVERAGE 5OZ. CAPACITY," illegible mark on bottom, 5½" high CAT. 9571

Glass bottle neck, amber-brown metal, C19

Heavy glass bottle lower half, clear metal, post 1880, embossed CAT 9655

Fragment of glass stemware bowl (?), short bulbous hexagonal stem, plain base, clear metal CAT. 9656

Oyster shell fragment

Iced tea (?) spoon, small round bowl, long handle, handle decoration on both surfaces, "Nickel Silver" marked on back CAT. 9573

Large serving spoon, large oval bowl, handle decoration on exterior, no evidence of marks CAT. 9572

BASEMENT ENTRANCE 2

Salt-glaze, curved fragment from stoneware beer bottle, tan glazed surfaces, grey body
Lead-glazed, curved fragment, trace of dark brown glaze on interior, orange unglazed exterior, orange body
Lead-glazed, rim to base section of shallow bowl, clear lead glaze giving interior an orange color, orange unglazed exterior, orange body
Edgeware, small rim fragment from plate (?), slightly scalloped rim, white surfaces with blue shell edge decoration, white body CAT. # 9667
Banded ware, rim to base section of cup, wide blue band around exterior, rest of surfaces white glazed, white body 9671 + CAT. 9672
Transfer, rim fragments from platter (?), white surfaces with blue transfer decoration on rim and interior base, white body, C19 (CAT. # 9679)
Transfer, rim fragment, blue floral and geometric transfer decoration on rim, rest of surfaces white, white body, C19 Same 9662 + CAT 9663
Transfer, rim fragment, white surfaces with blue floral transfer decoration on rim, white body, C19 (CAT. 9669)
Transfer, thin saucer (?) booge fragment, white surfaces with blue transfer decoration on interior, white body, C19 CAT. 9664
Transfer, flat fragment, white surfaces with blue scenic transfer decoration on one surface, white body, C19 CAT # 9665
Transfer, sugar bowl (?) fragment, white surfaces small trace of blue transfer decoration on exterior, white body, C19 CAT. 9666
Transfer, small flat fragment, white surfaces with dark blue transfer decoration on one surface, white body, C19
Transfer, plate base fragment, white surfaces with trace of black scenic transfer decoration on interior, white body, post 1830 CAT # 9660
Transfer, curved fragment, white surfaces with purple stars and leafy transfer decoration on both surfaces, white body, post 1830 (CAT # 9661)
Transfer, small curved fragment, white surfaces with red transfer decoration and raised molded decoration on exterior, white body, post 1830 (CAT # 9668)
Earthenware, saucer section, scalloped edge, slightly bluish surfaces, dark blue line around rim, dark blue floral decoration on booge, slightly raised white decoration on rim, white body, C19 (CAT. # 9658)
Earthenware, thick flat plate or platter fragment, white crazed glaze, trace of blue-yellow floral decoration on interior, white body
Earthenware, footed base fragment from bowl (?), white surfaces trace of black line around foot, white body, marked "ROGERS" on base, dates c.1784-1814+ (CAT # 9657)
Earthenware, saucer (?) rim fragment, smooth white surfaces, trace of gold band on rim and around base on interior, white body (CAT # 9670)
Earthenware, saucer section, plain rim, white glaze and body

Basement Entrance 2, continued

Earthenware, rim fragment, trace of white glaze, white body
Earthenware, saucer (?) base fragment, white glaze and body
Earthenware, small thin fragment, slightly yellow glaze, white body
China, rim fragment, smooth white glaze, hard white body, translucent
China, curved fragment, smooth white glaze, hard white body, translucent
China, faceted cup (?) fragment, smooth white glaze, hard white body, translucent
China, saucer (?) booge fragment, smooth white glaze, hard white body, translucent
China, flat fragment, smooth white glaze, hard white body, translucent
China, plate or saucer rim fragment, smooth white glaze, trace of former floral decoration (dulled areas in glaze), hard white body, translucent
China, cup (?) rim fragment, smooth white glaze, trace of former floral decoration on both surfaces (dulled areas in glaze), hard white body, translucent

BASEMENT ENTRANCE 3

Salt-glaze, blacking or ink side wall and shoulder fragment, brown exterior glaze, unglazed grey interior, grey body, C19

Salt-glaze, stoneware beer bottle base, tan glaze and body, marked with impressed "O" near base on side, C19

Lead-glazed, straight sided vessel rim fragment, dark brown interior glaze, unglazed orange exterior, orange body

Lead-glazed, base fragment from shallow bowl (?), clear lead glaze on interior giving orange color, unglazed orange exterior, orange body

Short glass pharmacy bottle, 2½" high, 1-7/8" diameter, amber-brown metal, embossed, post 1903

Wine bottle kick fragments, shallow kicks, dark green metal

Glass base fragment with beginning of six-sided stem, yellow metal, late C19 or C20

BASEMENT ENTRANCE 4

Lead-glazed, wide (1⅛") flat handle fragment with slight ridges on exterior, dark brown glaze, orange body

Transfer, saucer or plate rim fragment, white surfaces with band of blue transfer geometric decoration around interior rim and blue transfer scenic decoration below band, white body, C19

Transfer, curved fragment near plate or saucer rim, white surfaces with blue transfer leafy and line decoration on interior, white body, C19

Transfer, flat fragment from plate base (?), white surfaces with blue transfer scenic decoration on one surface, marked on base (illegible), white body, C19

Earthenware, saucer rim fragment, white surfaces and body, faceted around rim on interior

China, footed base fragment to cup or small bowl (?), smooth white surfaces, hard white body, translucent

China, straight sided vessel rim fragment, faceted smooth white surfaces, hard white body, translucent

Flat, light green window glass fragment

Panel bottle fragment, clear metal, embossed, post 1880

Glass side wall fragment from wine bottle, dark green metal

Glass base and side wall fragment from C19 wine bottle, dark green metal

Glass tumbler base, very heavy clear metal with pontil mark on base, 2-3/4" diameter

Glass rim and side fragment of shallow bowl (?), scalloped rim, press molded decoration side, clear metal, late C19

Hardware and Building Materials

One fragment of window glass from BE4 was the only item in this category.

Personal Items

A copper alloy ring, possibly a pocket watch face, was the only personal item. The ring was round with an embossed decoration.

Organic

As mentioned, the oyster shell fragment was the single organic artifact.

Vessels, Containers, and Utensils

There were a total of 57 artifacts in this category. Ceramics included 42 artifacts; glass, 13; and metal, 2. The two metal artifacts were spoons. One appeared to be what would be called an "iced tea" spoon today. It has a long decorated handle and a small round bowl. The back of the handle is decorated also and is marked "(NICKEL SILVER SILVER PLATED)." The other spoon is a large serving spoon with a decorated handle and a large oval bowl. The back of this spoon is neither decorated nor marked. They both are of late nineteenth or twentieth century style.

Two whole bottles were found. One is a perfume or cologne bottle of clear glass. It has a four-tiered bulbous body. The neck appears to have been applied separately in two parts. It probably dates post 1880. It is marked around the base "AVERAGE 5OZ. CAPACITY," and on the bottom, "CHARLES CULBER(T) NEW YORK."

Fragments represent a minimum of six other bottles. These include:

a minimum of -

1 reddish-amber beer or liquor bottle, nineteenth century
3 dark green nineteenth century wine bottles
1 clear soft-drink bottle, post 1880
1 clear panel extract bottle

Four other glass vessels are represented. These include:

1 yellow stemmed vessel
1 clear stemmed vessel
1 clear heavy tumbler
1 clear pressed glass bowl

Ceramic fragments represent 25 vessels, the largest number of these coming from BE2. This group contained exclusively ceramics. The vessels include:

a minimum of -

1 white translucent unidentifiable vessel
1 white translucent bowl with footed base, trace of former decoration
5 white ware saucers or plates, one with trace of multi-colored decoration, one with gold rim, one with trace of former decoration
1 pearlware banded bowl, white glaze with light blue wide band on exterior
1 edgeware plate fragment with blue shell edge decoration
1 red transfer decorated vessel with molded raised design
1 purple transfer decorated vessel, transfer on both surfaces, possible bowl
1 black transfer-decorated plate
1 blue transfer-decorated possible sugar bowl
1 dark blue transfer-decorated plate
5 light blue transfer-decorated saucers or plates
1 white ware saucer with dark blue transfer decoration and raised and molded decoration on scalloped rim
1 earthenware large bowl (?), white glaze with trace of black line around base, marked "ROGERS," dates c.1784-1814+
1 shallow dish, orange body and unglazed exterior, brown lead-glazed interior
1 straight-sided crock with lip and handle, orange body and unglazed exterior, dark brown lead-glazed interior

1 salt-glazed stoneware beer bottle
1 salt-glazed stoneware ink or blacking bottle, brown glaze

Without even the slimmest of records from the excavation at Building 12, it is rather spurious to attempt to make any definitive statements concerning the activity taking place. It is very obvious, however, that there were a great deal of ceramics discarded most of which appear to date to a period around the mid nineteenth century. The reasons for this cannot be determined because of the lack in archaeological records.

IX.

A common theme running throughout these reports has been the lack in the archaeological record. Bauxar's report is extremely inadequate in terms of provenience information. Field notes may have provided more information, but these notes, though requested, were not supplied for this report.

In all of the sites except Building 12, there seemed to be a normal assortment of artifacts which appeared not to add significantly to the archaeological conclusions. Building 12 exhibited a very high concentration of ceramics which might indicate a significant pattern of deposition or consumption within the building. However, it would be false to draw conclusions without even knowing what or where the site is.

There were in the sites around Buildings 8 and 9 relatively higher concentrations of bottle glass than other types of goods. Most of these bottles were of late nineteenth or twentieth century date. It was noted that the buildings served as a saloon in 1894, and it is not known for how much longer. This may indicate a partial explanation for this higher incidence of bottle glass.

It is unfortunate that more conclusions cannot be drawn. Salvage type archaeology which attempts to answer architectural or other questions does not provide an excuse for a seemingly haphazard collection process of the artifacts. If this happens any information these artifacts may have contributed directly to the questions asked in the excavation and indirectly in "... their

relationship to the site as a whole and their more important relationships in terms of human activities are lost" (House 1976: 18). It cannot be stressed too heavily that "the depth of artifact analysis reflects directly the quality of excavation" (House 1976: 18).

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APPENDIX A

Artifact Lists

ARTIFACT LIST

HARPERS FERRY
FS1

	BONE
Bos taurus, vert. (sawn)	HAFE/FS1/A1
Unidentified mammal (3)	HAFE/FS1/A1
Unidentified mammal (2)	HAFE/FS1/B
Unidentified reptile (2)	HAFE/FS1/B1
Unidentified mammal (1)	HAFE/FS1/B1
Unidentified fish (1)	HAFE/FS1/B1
Unidentified bird (1)	HAFE/FS1/B1
Bos taurus, lumbar vert. (sawn)	HAFE/FS1/D
Ovis aries, sacrum (sawn)	HAFE/FS1/D
Unidentified mammal (3), 2 sawn	HAFE/FS1/D
Bos taurus, lt. humeral shaft (sawn 2x)	HAFE/FS1/E
Bos taurus, 2 tarsals (rod. scav.)	HAFE/FS1/E1
Sus scrofa, rib (sawn)	HAFE/FS1/E1
Ovis aries, 2 ribs, 1 scapular fragment (sawn)	HAFE/FS1/E1
Catestomidae, miscellaneous element	HAFE/FS1/E1
Unidentified mammal (4)	HAFE/FS1/E1
Rattus rattus, rt. mandible	HAFE/FS1/F CAT 9594
Bos taurus, rt. scapular fragment (sawn 2x)	HAFE/FS1/H
Chen, sp., lt. tibiotarsus CAT. 9687	HAFE/FS1/H
Bos taurus, cranial fragment (butcher marks)	HAFE/FS1/H3
Sus scrofa, metatarsal (sawn)	HAFE/FS1/H3
Bos taurus, lumbar vert. (sawn)	HAFE/FS1/J1
Sus scrofa, rt. prox. tibia (sawn) (unfused)	HAFE/FS1/J1
Meleagris gallopavo, lt. tarsometatarsal (CAT. 9680)	HAFE/FS1/J1
Unidentified mammal (4)	HAFE/FS1/J1
Unidentified bird (1)	HAFE/FS1/J1
Meleagris gallopavo, 1 lt. tarsometatarsus (domestic) (rod. scav.), 1 lt. dis. tarsometatarsus (immat.), 1 second phalange	HAFE/FS1/J3
Unidentified mammal scrap (2)	HAFE/FS1/J3
Bos taurus, lumbar vert. (sawn)	HAFE/FS1/J4
Bos taurus, third phalange	HAFE/FS1/J6
Meleagris gallopavo, lt. tibiotarsus (immat.)	HAFE/FS1/J7
Bos taurus, 2 ribs (sawn)	HAFE/FS1/K
Ovis aries, rt. innom. frag. (sawn)	HAFE/FS1/K
Unidentified mammal scrap (1)	HAFE/FS1/K
Bos taurus, 2 ribs (1 sawn)	HAFE/FS1/L
Ovis aries, rt. femoral shaft (sawn)	HAFE/FS1/L CAT 9590
Bos taurus, rt. and lt. femoral shaft (both cut 2x)	HAFE/FS1/L2
Rattus rattus, lt. humerus (prox. unfused) CAT. 9591	HAFE/FS1/L2
Catestomidae, miscellaneous elements (4)	HAFE/FS1/L2
Sus scrofa, 1 rt. fibula (butcher mark), 1 tarsal, 1 third phalange, 1 mandibular incisor CAT. 9686	HAFE/FS1/O
Unidentified mammal frags. (5)	HAFE/FS1/O
Unidentified mammal rib (1)	HAFE/FS1/O

BRICK/MORTAR/PLASTER

Orange brick fragment, 2½" wide	HAFE/FS1/A
Small orange brick fragments (3)	HAFE/FS1/A1
White sand mortar fragments (2)	HAFE/FS1/A1
Orange brick fragment with white sand mortar	HAFE/FS1/B
Flat white sand mortar fragments with white plaster on one surface (2)	HAFE/FS1/B
Orange brick fragments, with white sand mortar (2)	HAFE/FS1/C
White plaster chunk	HAFE/FS1/C
Orange brick fragments with white sand mortar (3)	HAFE/FS1/D
White plaster fragments, 0.4 cm. thick (2)	HAFE/FS1/E
Orange brick fragment imbedded in white sand mortar	HAFE/FS1/F
White sand mortar fragment with white plaster on one surface	HAFE/FS1/H2
White sand mortar fragments with white plaster, lath marks on one fragment (6)	HAFE/FS1/H3
White sand mortar fragments (one with lath marks) with white plaster on one surface (2)	HAFE/FS1/J3 CAT. 9536
White sand mortar fragment with white plaster on one surface and lath marks on other surface	HAFE/FS1/J4
White sand mortar fragment	HAFE/FS1/K
White sand mortar fragments with white plaster on one surface, trace of light blue paint on two fragments (3)	HAFE/FS1/L (CAT. 9682)
Orange brick fragment	HAFE/FS1/N
White sand mortar fragment with white plaster on one surface	HAFE/FS1/O

BUTTON

Glass, opaque white metal, 4 holes, 1.08 cm. diameter	HAFE/FS1/E1-1 CAT. # 9674

CERAMIC, earthenwa

Plate base fragment, white crazed glaze, white body, C19	HAFE/FS1/B1-1
Small curved fragment, white crazed interior glaze, light blue exterior glaze, white body	HAFE/FS1/B1-2
Heavy curved rim fragment, white crazed glaze, white body	HAFE/FS1/E-9
Heavy plate (?) rim fragment, white crazed glaze, white body	HAFE/FS1/E1-4
Bowl (?) fragment, yellow glaze, tan body, C19	HAFE/FS1/J1-2
Rim fragment, white crazed glaze, white body	HAFE/FS1/J3-1
Rim fragment, white crazed glaze, white body	HAFE/FS1/J7-1

CERAMIC, earthenw

Small fragment, white crazed glaze, white body	HAFE/FS1/J7-2
Curved fragment, most glaze missing, white crazed glaze fragment on both surfaces, white body	HAFE/FS1/L-1
Curved fragment, most glaze missing, small fragment dark brown glaze (lead-glaze) on interior, tan body	HAFE/FS1/L2-1
Saucer or plate base fragment, white crazed glaze, white body	HAFE/FS1/N-1
Curved fragments, white glaze, white body	HAFE/FS1/O-3-4
Plate booge fragment, bluish-white crazed surfaces, white body, C19	HAFE/FS1/O-5

CERAMIC, misc.

Porcelain, very small fragment, white glaze and body	HAFE/FS1/A-2
Edgeware, plate rim fragment, white but slightly bluish surfaces (pearlware?), green shell edge molded and painted decoration, C19	HAFE/FS1/A1-1 CAT. 9576
Lead-glazed, thick curved fragment, dark brown glaze on interior, orange unglazed exterior, orange body, C18 or C19	HAFE/FS1/C-1
Edgeware, plate rim fragment, white surfaces, green shell edge molded and painted decoration, white body, C19	HAFE/FS1/C-2
Salt-glaze, curved fragment from C19 beer bottle, tan glaze and body	HAFE/FS1/E-8
Salt-glaze, C19 beer bottle fragments, tan glaze and body	HAFE/FS1/E1-2-3
Transfer, small curved fragment, white surfaces with black transfer decoration on interior, white body, post 1830	HAFE/FS1/F-1 CAT. # 9675
Banded ware, small fragment, white surfaces with trace of light blue band on exterior, white body, C19	HAFE/FS1/H-4
Transfer, curved fragment, white interior with brown transfer decoration, slightly bluish exterior glaze, white body CAT. 9587	HAFE/FS1/J3-2
Salt-glaze, base and side wall fragment, mottled grey-brown exterior glaze, unglazed grey and orange interior, grey body with tan core, C18 or C19	HAFE/FS1/J4-1 CAT. 9587
Porcelain, tiny, thin rim fragment, bluish surfaces with trace of blue decoration on interior, white body, C19	HAFE/FS1/O-1
Lead-glaze, curved fragment, dark brown glaze on interior, unglazed orange exterior, orange body, C18 or C19	HAFE/FS1/O-2

CERAMIC, misc.,c	
Transfer, rim fragment, white glaze with blue transfer geometric-floral decoration on interior, white body, C19	HAFE/FS1/O-6 CAT. 9597
Transfer, small circular chip, dark blue transfer decoration, white body	HAFE/FS1/O-7
CHARCOAL	
Small fragment burned wood	HAFE/FS1/C
Burned wood fragment	HAFE/FS1/O
COAL	
Hard coal fragment	HAFE/FS1/F
Hard coal fragment	HAFE/FS1/L2
COPPER ALLOY	
Very thin, 0.08 cm. thick, flat fragments	HAFE/FS1/J6-4-5
FOIL	
Scraps of foil from cigarette wrapper, modern (bag)	HAFE/FS1/A1
Small scraps of foil from modern cigarette wrapper (2)	HAFE/FS1/B
Foil scraps from modern cigarette wrapper (bag)	HAFE/FS1/B1
Foil scraps from modern cigarette wrapper (bag)	HAFE/FS1/E1
GLASS, bottle	
Curved fragments, bright green metal (2)	HAFE/FS1/A
Curved fragment, light green metal	HAFE/FS1/A
Curved fragments, amber-brown metal (6)	HAFE/FS1/A
Curved fragments, clear metal, black silk-screened decoration	HAFE/FS1/A-3-4

Curved fragments, clear metal with frosted surface	HAFE/FS1/A-5-6
Curved fragment, clear metal, embossed	HAFE/FS1/A-7
Curved fragments, clear metal, some embossed (14)	HAFE/FS1/A
Curved fragment, bright green metal	HAFE/FS1/A1
Small fragment, bright green metal, red and white silk-screen decoration	HAFE/FS1/A1-2
Curved fragment, light green metal	HAFE/FS1/A1
Panel bottle fragment, light green metal	HAFE/FS1/A1
Curved fragments, amber-brown metal (6)	HAFE/FS1/A1
Curved fragment from wine bottle, dark green metal	HAFE/FS1/A1
Rectangular bottle base, clear metal, post 1903	HAFE/FS1/A1-3
Curved fragment, clear metal, red and white silk-screen decoration	HAFE/FS1/A1-4
Curved fragments, clear metal, some embossed (17)	HAFE/FS1/A1
Screw top lip fragments, C20, bright green metal (3)	HAFE/FS1/B
Curved fragment, bright green metal	HAFE/FS1/B
Curved fragment, light green metal	HAFE/FS1/B
C20 base fragments, amber-brown metal (2)	HAFE/FS1/B
Curved fragments, one with embossing, amber-brown metal (2)	HAFE/FS1/B
Curved fragments, clear metal (4)	HAFE/FS1/B
Curved fragments, bright green metal (8)	HAFE/FS1/B1
Curved fragment, dark green metal	HAFE/FS1/B1
Base fragments, amber-brown metal, post 1903 (2)	HAFE/FS1/B1
Curved fragments, amber-brown metal, some embossed (8)	HAFE/FS1/B1
Neck and shoulder fragment, clear metal, threaded lip, embossed, post 1932	HAFE/FS1/B1-7
Curved fragments, clear metal, black silk-screen decoration	HAFE/FS1/B1-8-9
Curved fragments, clear metal, some embossed (16)	HAFE/FS1/B1
Small curved fragment, bright green metal	HAFE/FS1/C
Bottle fragments, amber-brown metal (3)	HAFE/FS1/C
Curved fragments, clear metal (3)	HAFE/FS1/C
Small curved fragment, clear metal, silk-screen decoration in black marked "19©38"	HAFE/FS1/C-5
C19 wine bottle base and side wall fragment, embossed around base, dark green metal	HAFE/FS1/D-1
Curved fragment, dark green metal	HAFE/FS1/D
Curved fragment, yellow-green metal	HAFE/FS1/D
Curved fragment, bright green metal	HAFE/FS1/E
Curved fragments, aqua-green metal (2)	HAFE/FS1/E
Curved fragment, light green metal, embossed	HAFE/FS1/E-10
Beer (?) bottle necks, amber-brown metal, post 1903	HAFE/FS1/E-11-13
Wide apothecary jar neck and lip fragments, amber-brown metal	HAFE/FS1/E-14-15
Small narrow neck and lip, amber-brown metal, metal band around lip, post 1903	HAFE/FS1/E-16

GLASS, bottle, con

Base fragments, amber-brown metal, post 1903	HAFE/FS1/E-17-18
Base fragments, amber brown metal, post 1903 (4)	HAFE/FS1/E
Curved fragments, amber-brown metal, some embossed (25)	HAFE/FS1/E
Curved fragment, dark green metal	HAFE/FS1/E
Lip fragment, bright blue (cobalt) metal	HAFE/FS1/E
Curved fragments, clear metal with red and white silk-screen decoration	HAFE/FS1/E-19-20
Base and side wall fragment, clear metal, red and white silk screen decoration	HAFE/FS1/E-21
Neck and lip, clear metal, screw top lip, post 1903	HAFE/FS1/E-22
Curved fragments, clear metal, some embossed (37)	HAFE/FS1/E
Curved fragment, bright green metal	HAFE/FS1/E1
Curved fragments, aqua-green metal (2)	HAFE/FS1/E1
Curved fragment, dark green metal	HAFE/FS1/E1
Curved fragments, amber-brown metal (6)	HAFE/FS1/E1
Flat fragment with prominent ridges on one surface, amber-brown	HAFE/FS1/E1-7
Apothecary jar neck and lip fragment, amber-brown metal	HAFE/FS1/E1-8
Wide mouthed apothecary jar shoulder and neck fragment, amber-brown metal	HAFE/FS1/E1-9
Shaker jar fragment, possibly for cosmetics, metal cap (screw on) with holes, vertical ridges around exterior except for one square area where paper label missing, clear metal	HAFE/FS1/E1-10
Curved fragments, clear metal, some embossed (12)	HAFE/FS1/E1
Neck and lip, screw on top, light green metal, post 1903	HAFE/FS1/F-6
Curved fragment, light green metal	HAFE/FS1/F
Wide mouth apothecary jar neck, amber-brown metal	HAFE/FS1/F-7 SAT 4/26/79
Curved fragments, amber-brown metal (2)	HAFE/FS1/F
Curved fragments, clear metal (11)	HAFE/FS1/F
Threaded lip fragments, bright blue (cobalt) metal	HAFE/FS1/F-8-9
Neck and lip, light green metal, post 1903	HAFE/FS1/G-1
Curved neck fragment, clear metal	HAFE/FS1/G
Curved fragment, bright green metal	HAFE/FS1/H
Large base fragment, light green metal	HAFE/FS1/H-5
Curved fragments, bright blue (cobalt) metal (2)	HAFE/FS1/H
Curved fragment, dark green metal	HAFE/FS1/H
Curved fragments, amber-brown metal (2)	HAFE/FS1/H
Curved fragments, clear metal (3)	HAFE/FS1/H
Bottle neck, side wall fragment, with crown cap, bright green metal, post 1903	HAFE/FS1/H2-2
Curved fragment, bright green metal	HAFE/FS1/H2
Neck fragment, light green metal	HAFE/FS1/H2
Curved fragments, amber-brown metal (2)	HAFE/FS1/H2

GLASS, bottle, cont'd

Pharmaceutical bottle neck, clear metal, embossed	HAFE/FS1/H2-3
Curved fragment, clear metal, white silk-screen decoration	HAFE/FS1/H2-4
Thin base fragment, clear metal	HAFE/FS1/H2-5
Curved fragments, clear metal, some embossed (7)	HAFE/FS1/H2
Bottle base, bright green metal, post 1903	HAFE/FS1/H3-1
Neck fragment, light green metal	HAFE/FS1/H3
Curved fragment, light green metal	HAFE/FS1/H3
Curved fragments, amber-brown metal (2)	HAFE/FS1/H3
Curved fragment, dark green metal	HAFE/FS1/H3
Curved fragment, clear metal, red and white silk-screen decoration	HAFE/FS1/H3-2
Pharmaceutical bottle base and side wall fragment, clear metal, trace of embossing	HAFE/FS1/H3-3
Curved fragments, clear metal (4)	HAFE/FS1/H3
Bottle neck with iron crown cap, light green metal, post 1903	HAFE/FS1/J1-5
Curved fragment, light green metal	HAFE/FS1/J1
Curved fragment, bright green metal	HAFE/FS1/J1
Curved fragments, amber-brown metal (3)	HAFE/FS1/J1
Curved fragments, clear metal (3)	HAFE/FS1/J1
Edge fragment from rectangular bottle, amber-brown metal	HAFE/FS1/J3
Lip through base section of oval bottle, clear metal, embossed	HAFE/FS1/J3-4
Edge fragment from rectangular bottle, clear metal	HAFE/FS1/J3
Corner fragment from rectangular bottle, clear metal	HAFE/FS1/J3
Front and side fragment to rectangular bottle, clear metal, embossed (M. 9588	HAFE/FS1/J4-3
Small base fragment, amber-brown metal	HAFE/FS1/J4
Curved fragment, bright green metal	HAFE/FS1/J6
Curved fragment, light green metal	HAFE/FS1/J6
Curved fragment, dark green metal	HAFE/FS1/J6
Curved fragments, amber-brown metal (5)	HAFE/FS1/J6
Curved fragments, clear metal, some embossed (8)	HAFE/FS1/J6
Screw top bottle lip, clear metal, post 1903	HAFE/FS1/J6-7
Curved fragment, light green metal	HAFE/FS1/J7
Curved fragment, green metal	HAFE/FS1/J7
Curved fragments, amber-brown metal (2)	HAFE/FS1/J7
Curved fragments, clear metal (3)	HAFE/FS1/J7
Curved fragment, amber-brown metal	HAFE/FS1/K
Curved side wall fragment from beer bottle, amber-brown metal, embossed	HAFE/FS1/L-5 (CAT. 9683)
Beer bottle base, amber-brown metal, embossed (CAT. 9685 →	HAFE/FS1/L-6
Lip fragments to wide mouthed apothecary jar, amber-brown metal	HAFE/FS1/L-7-8
Neck and shoulder fragment to wide mouthed apothecary jar, amber-brown metal	HAFE/FS1/L-9

GLASS, bottle, con

Curved fragments, amber-brown metal (3)	HAFE/FS1/L
Curved fragment, green metal	HAFE/FS1/L
C19 wine bottle rim fragment, dark green metal	HAFE/FS1/L-10
Base fragment, light green metal	HAFE/FS1/L-11
Curved fragment, light green metal	HAFE/FS1/L
Curved fragment, clear metal, embossed CAT. 9684 →	HAFE/FS1/L-12
Curved fragments, clear metal (18)	HAFE/FS1/L
Liquor bottle base and side wall fragment, clear metal, embossed	HAFE/FS1/L1-1
Curved fragments, clear metal, one embossed (4)	HAFE/FS1/L1
Curved fragment, green metal	HAFE/FS1/L2
Curved fragment from panel bottle, light green metal	HAFE/FS1/L2
Lip fragments from wide mouthed apothecary jar, amber-brown metal	HAFE/FS1/L2-3-4
Neck and shoulder fragment from wide mouthed apothecary jar, amber-brown metal	HAFE/FS1/L2-5
Small bottle base, amber-brown metal, post 1903	HAFE/FS1/L2-6
Small bottle base, amber-brown metal, late C19	HAFE/FS1/L2-7
Curved fragments, amber-brown metal (57)	HAFE/FS1/L2
Curved fragments, clear metal (13)	HAFE/FS1/L2
Body and one side of rectangular panel bottle, clear metal, post 1880	HAFE/FS1/L3-1
Neck and one side of rectangular panel bottle, clear metal, post 1880 CAT. 9595	HAFE/FS1/M-3 CAT. 9595
Curved fragment, clear metal	HAFE/FS1/M
Curved fragment, bright blue (cobalt) metal	HAFE/FS1/M
Curved fragment, amber-brown metal, embossed	HAFE/FS1/N-2
Curved fragment, amber-brown metal, embossed	HAFE/FS1/N-3
Curved fragments, amber-brown metal (33)	HAFE/FS1/N
Neck fragment, clear metal, post 1880	HAFE/FS1/N-4
Neck and lip, clear metal, post 1880	HAFE/FS1/N-5
Curved fragments, clear metal (4)	HAFE/FS1/N
Base and side fragment of small square bottle, light green metal, possibly mid C19	HAFE/FS1/O-8 CAT. 9598
Curved fragments, light green metal (2)	HAFE/FS1/O
Curved fragments, dark green metal (3)	HAFE/FS1/O
Curved fragments, clear metal (3)	HAFE/FS1/O

BOTTLE, glass

Short, wide-mouthed bottle, clear metal, 3-3/4" high, post 1880	HAFE/FS1/J5-1
Beer bottle, amber-brown metal, post 1903	HAFE/FS1/J8-1
"Bromo-Seltzer" bottle, 6.6 cm. high, bright blue (cobalt) metal, embossed, post 1880 CAT. 9593	HAFE/FS1/L2-2

GLASS, misc.

Very thin clear metal fragments (5)	HAFE/FS1/B1
Bead (?), 1.17 cm. in diameter, blue metal	HAFE/FS1/D-2 CAT. #9673
Very thin clear metal fragment	HAFE/FS1/D
Thick flat fragment, clear metal, evidence of mirroring on back	HAFE/FS1/E-23
Clear metal, frosted on one surface	HAFE/FS1/E-24-25
Very thin fragments, clear metal (3)	HAFE/FS1/E
Very thin rim fragment, clear metal	HAFE/FS1/E1-11
Very thin fragments, clear metal (4)	HAFE/FS1/E1
Canning jar lids, clear metal (CAT. 9670), (CAT. 9673)	HAFE/FS1/F-10-11
Clear glass fragment, curved with rounded handle fragment	HAFE/FS1/F-12
Very thin fragments, clear metal (3)	HAFE/FS1/F
Cosmetic jar fragment, opaque white milk glass, threads on lip, 1½" high, 2" diameter	HAFE/FS1/H2-6
Very thin curved fragment, clear metal	HAFE/FS1/H2
Heavy curved rim fragment, clear metal	HAFE/FS1/H3-4
Straight-sided rim fragment, clear metal	HAFE/FS1/H3-5
Very thin curved fragment, clear metal	HAFE/FS1/H3
Cosmetic jar fragment, white opaque milk glass, 1½" high, threaded at lip	HAFE/FS1/J1-6
Flat fragment, light green metal, printed backing on one surface showing through glass, Red-white-black-blue printing	HAFE/FS1/J2-1 CAT. 9584
Very thin rim fragment, clear metal	HAFE/FS1/J3
Very thin rim fragments, clear metal (2)	HAFE/FS1/J4-4-5
Very thin fragment, clear metal	HAFE/FS1/J6
Very thin fragment, clear metal	HAFE/FS1/J7
Lip fragment from cosmetic jar, white opaque milk glass, threaded lip	HAFE/FS1/K-1
Flat fragment, light green metal, trace of printed backing showing a black "R" on a white background through the glass	HAFE/FS1/K-2
Tumbler base and side wall fragment, very thin glass, clear metal, slightly flaring	HAFE/FS1/L-13
Very thin fragments, clear metal (11)	HAFE/FS1/L
Very thin rim fragments, clear metal	HAFE/FS1/L2-8-9
Very thin fragments, clear metal (3)	HAFE/FS1/L2
Flat fragment, white opaque metal	HAFE/FS1/N
Very thin fragment, clear metal	HAFE/FS1/N

GLASS, window

(9)	HAFE/FS1/A
(19)	HAFE/FS1/A1
(1)	HAFE/FS1/B
(12)	HAFE/FS1/B1
(1)	HAFE/FS1/C
(3)	HAFE/FS1/D
(23)	HAFE/FS1/E
(14)	HAFE/FS1/E1
(14)	HAFE/FS1/F
(1)	HAFE/FS1/G
(21)	HAFE/FS1/H
(7)	HAFE/FS1/H2
(15)	HAFE/FS1/H3
(6)	HAFE/FS1/J1
(10)	HAFE/FS1/J3
(4)	HAFE/FS1/J4
(11)	HAFE/FS1/J6
(10)	HAFE/FS1/J7
(2)	HAFE/FS1/K
(39)	HAFE/FS1/L
(9)	HAFE/FS1/L1
(83)	HAFE/FS1/L2
(11)	HAFE/FS1/M
(28)	HAFE/FS1/N
(15)	HAFE/FS1/O

GOLF BALL

Golf ball	HAFE/FS1/G

IRON

Screw-top cap, C20	HAFE/FS1/A-1
Crown caps, post 1891	HAFE/FS1/B-2-3
Crown cap, post 1891	HAFE/FS1/B1-3
Screw on cap, C20	HAFE/FS1/B1-4
Door (?) spring, 3/4" diameter, 2½" length	HAFE/FS1/B1-5
Crown cap, post 1891	HAFE/FS1/C-3
Fragment of screw on cap, C20	HAFE/FS1/C-4
Crown cap, post 1891	HAFE/FS1/E-3
Screw top cap, C20	HAFE/FS1/E-4
Spoon handle fragment	HAFE/FS1/E-5

CAT. 9519

IRON, contd.

Iron band fragment	HAFE/FS1/E-6
Unidentifiable scrap (bag)	HAFE/FS1/E
Crown caps, post 1891	HAFE/FS1/E1-5-6
Unidentifiable scrap (bag)	HAFE/FS1/E1
Blade from folding knife	HAFE/FS1/F-2 (CAT. 2a 9578)
Crown caps, post 1891	HAFE/FS1/F-3-4
Large screw on lid	HAFE/FS1/F-5
Unidentifiable scrap (bag)	HAFE/FS1/F
Crown cap, post 1891	HAFE/FS1/H-2
Tapered rod	CAT 9581 → HAFE/FS1/H-3
Large iron spike	CAT. 9588 → HAFE/FS1/H1-1
Crown cap fragment, post 1891	HAFE/FS1/J1-3
Tapering fragment, possibly hinge	CAT. 9583 HAFE/FS1/J1-4
Crown cap fragment, post 1891	HAFE/FS1/J3-3
Crown cap and fragment, post 1891	HAFE/FS1/J6-1-2
Bolt	HAFE/FS1/J6-3
Crown caps, post 1891	HAFE/FS1/J7-3-5
Crown cap fragments, post 1891	HAFE/FS1/J7-6-7
Rectangular fragment, possibly cast (CAT. 9651)	HAFE/FS1/J7-8
Wire fragment	HAFE/FS1/L-2
Twisted wire fragment	HAFE/FS1/L-3
Scrap fragments (3)	HAFE/FS1/L
Crown cap, post 1891	HAFE/FS1/M-2

MARBLE ~~HAFE/FS1/B~~ CAT. 9570

White marble fragments, 2.1 cm. thick, polished on one surface (2)	HAFE/FS1/B1
Rose marble fragment, polished on one surface, 2.1 cm. thick	HAFE/FS1/B1
Flat fragment, white marble, 2.3 cm. thick, one surface polished	HAFE/FS1/C CAT. 9577
Flat, white marble fragment, polished on one surface 2.1 cm. thick	HAFE/FS1/E
Flat white marble fragment, 2.1 cm. thick	HAFE/FS1/F
Flat, white marble fragment, 2.1 cm. thick	HAFE/FS1/G

METAL

Shiny screw on cap, C20	HAFE/FS1/B-4
Thin, white metal curved sheet	HAFE/FS1/B1-6
Small flat grey fragment	HAFE/FS1/E-7
Slight concave strip, .87 cm. wide	HAFE/FS1/J4-2
Small Christmas-type light bulb base	HAFE/FS1/J6-6
Flat metal band fragment	HAFE/FS1/L-4

NAILS

Wire (2)	HAFE/FS1/A1
Cut (2), Wire (2)	HAFE/FS1/B
--- (3)	HAFE/FS1/B1
Cut (2)	HAFE/FS1/D
Wire (3)	HAFE/FS1/E
--- (5)	HAFE/FS1/E1
Wire (2), --- (2)	HAFE/FS1/F
Cut (1), --- (3)	HAFE/FS1/H
--- (2)	HAFE/FS1/H2
Wire (3), --- (1)	HAFE/FS1/H3
--- (3)	HAFE/FS1/J1
Wire (2), Cut (2), --- (9)	HAFE/FS1/J3
Cut (1), --- (1)	HAFE/FS1/J4
--- (2)	HAFE/FS1/J6
--- (3)	HAFE/FS1/J7
Wire (1), --- (4)	HAFE/FS1/K
--- (8)	HAFE/FS1/L
--- (6)	HAFE/FS1/L2
--- (4)	HAFE/FS1/N
--- (7)	HAFE/FS1/O

NUT SHELL

one-half walnut shell	HAFE/FS1/H
one-half walnut shell	HAFE/FS1/H2

PLASTIC

Bright green atomizer top, screw on cap, rubber squeeze bulb, probably 1950s	HAFE/FS1/B-1
Hard, mottled grey cap-like object	HAFE/FS1/E-1
Hard, mottled reddish-brown molded fragment	HAFE/FS1/E-2
Unidentified reddish-brown mottled molded object	HAFE/FS1/H-1
Screw on bottle cap, black, plastic, marked "DIXIE BELLE GIN"	HAFE/FS1/H2-1
Soft plastic cap, white	HAFE/FS1/J1-1

SHELL

Clam shell	HAFE/FS1/E
Oyster shell fragment	HAFE/FS1/E1
Clam shell	HAFE/FS1/F
Small white snail shell	HAFE/FS1/F
Oyster shell	HAFE/FS1/J6
White snail shell	HAFE/FS1/L2
Oyster shell fragments (3)	HAFE/FS1/O

STONE

Flat, hard, grey layered stone	HAFE/FS1/A
Flat grey schist (?)	HAFE/FS1/B
Dark grey slate fragments (2)	HAFE/FS1/E
Grey schist (?) (2)	HAFE/FS1/E
Slate roofing tile fragments (2)	HAFE/FS1/H1
Grey slate fragment with iron oxide	HAFE/FS1/K

TOY

cat. 9576

Brown mottled glazed marble, 5/8" diameter, "Bennington type," C19 or C20	HAFE/FS1/B-5
Orange clay marble, 1.5 cm. in diameter	HAFE/FS1/M-1

cat. 9596

UNIDENTIFIED MATERIAL

Black, flaky, slag-like fragment	HAFE/FS1/A
Black slag-like fragments (5)	HAFE/FS1/B
Black slag-like fragment	HAFE/FS1/B1
Cylindrically shaped tar (?) fragment, 4.4 cm. in height	HAFE/FS1/B1
Cinder (?)	HAFE/FS1/E
Grey slag-like fragment	HAFE/FS1/F
Black slag-like fragment	HAFE/FS1/L
Flat black and orange flaky fragment, possibly iron	HAFE/FS1/L2

WOOD

Knothole	HAFE/FS1/A
Small fragments, one burned (2)	HAFE/FS1/B1
Unidentified wood fragments (4)	HAFE/FS1/F
Unidentified fragment	HAFE/FS1/J6

ARTIFACT LIST

HARPERS FERRY
FS2

BONE	
Bos taurus, lt. femoral shaft fragment (sawn 2x)	HAFE/FS2/A1
Sus scrofa, rib (sawn)	HAFE/FS2/A1
Gallus domesticus, lt. femur (immature)	HAFE/FS2/A1
Bos taurus, 1 rib (rod. scav.), 1 lt. femoral shaft (sawn 2x)	HAFE/FS2/A2
Sus scrofa, rt. humeral shaft fragment (sawn 2x, butcher mark, tooth identation)	HAFE/FS2/A2
Unidentified mammal fragments (3)	HAFE/FS2/A2
CERAMIC, earthenw	
Base and side fragment from bowl (?), white glaze, white body, molded decoration on exterior	HAFE/FS2/A1-1
Rim fragment, white glaze and body	HAFE/FS2/A2-3
CERAMIC, misc.	
Porcelain, rim fragment, made to hold lid (?), white glaze on exterior, unglazed interior, white body	HAFE/FS2/A2-2
CHARCOAL	
Burned wood fragment	HAFE/FS2/A2
GLASS, bottle	
Curved fragment, green metal	HAFE/FS2/A1
Curved fragments, dark green metal (2)	HAFE/FS2/A1
Curved fragments, amber-brown metal (5)	HAFE/FS2/A1
Curved fragments, clear metal (2)	HAFE/FS2/A1
Curved fragment, light green metal	HAFE/FS2/A2
Curved fragment, amber-brown metal	HAFE/FS2/A2
GLASS, window	
(5)	HAFE/FS2/A1
(1)	HAFE/FS2/A2

GLASS, misc.

Rim fragment, serrated, clear metal — HAFE/FS2/A1-4

IRON

Possible spike — CAT. 9689 — HAFE/FS2/A1-2
Oval ring — CAT. 9688 → HAFE/FS2/A1-3

NAILS

Cut (1) — HAFE/FS2/A1
Wire (1) — HAFE/FS2/A2

STONE

Slate pencil fragment — (CAT. 9690) — HAFE/FS2/A2-1

ARTIFACT LIST

HARPERS FERRY
FS3

BONE	
Sus scrofa, 1 second phalange (unfused), 1 distal metatarsal	HAFE/FS3/A1
Unidentified mammal (burned)	HAFE/FS3/A1
Unidentified bird	HAFE/FS3/A1
Bos taurus, rib	HAFE/FS3/A2
Sus scrofa, rt. max. fragment	HAFE/FS3/A2 CAT. 9691
Ovis aries, 1 cervical vertebra, 3 rib fragments	HAFE/FS3/A2
Sylvilagus floridana, atlas	HAFE/FS3/A2
Gallus domesticus, lt. distal humerus (rod. scav.)	HAFE/FS3/A2
Unidentified mammal fragments (6)	HAFE/FS3/A2
CERAMIC, earthenware	
Rim fragment, white glaze with red, black, and green floral painted decoration in interior, white body, late C19	HAFE/FS3/A1-1
Small chip, white glaze and body	HAFE/FS3/A2-3
Saucer or small deep bowl rim to base section, white glaze with red-blue-green-yellow printed decoration on interior rim, raised molded decoration around rim, white body. Trace of green printed mark on bottom	HAFE/FS3/A2-4 (CAT. 9692)
CERAMIC, salt-glaze	
Curved fragment, mottled green-grey exterior glaze, unglazed grey interior, grey body, C18 or C19	HAFE/FS3/A2-1 CAT. 9694
CERAMIC, misc.	
Lead-glazed, base fragment, dark brown glaze on interior, orange unglazed exterior, orange body, C18 or C19	HAFE/FS3/A2-2 (CAT. 9693)
Transfer, curved fragment, white glaze with blue transfer decoration on interior, white body, C19	HAFE/FS3/A2-5
FOIL	
Foil from modern cigarette wrapper (bag)	HAFE/FS3/A2

	GLASS, bottle
urved fragment, bright green metal	HAFE/FS3/A1
Curved fragment, green metal	HAFE/FS3/A1
Curved fragments, light green metal (2)	HAFE/FS3/A1
Base fragment, amber-brown metal, post 1903	HAFE/FS3/A1
Curved fragments, amber-brown metal, some embossed (13)	HAFE/FS3/A2 HAFE/FS3/A1
Curved fragments, clear metal, some embossed (11)	HAFE/FS3/A1
Beer bottle neck, amber-brown metal, C20	HAFE/FS3/A2-10
Beer bottle base, amber-brown metal, C20	HAFE/FS3/A2-11
Curved fragments, amber-brown metal, some embossed (13)	HAFE/FS3/A2
Curved fragment, deep red metal	HAFE/FS3/A2
Curved fragments, light green metal (2)	HAFE/FS3/A2
Curved fragment, dark green metal	HAFE/FS3/A2
Curved fragments, clear metal (11)	HAFE/FS3/A2
	GLASS, window
(12)	HAFE/FS3/A1
(10)	HAFE/FS3/A2
	GLASS, misc.
Flat fragments, clear metal, frosted on one surface (2)	HAFE/FS3/A1
Very thin curved fragment, clear metal	HAFE/FS3/A1
Rounded glass handle with flat shelf at top, clear metal	HAFE/FS3/A2-12
	IRON
Unidentifiable iron scrap (bag)	HAFE/FS3/A
Crown cap, post 1891	HAFE/FS3/A1-2
Crown caps, post 1891	HAFE/FS3/A2-6-9
Unidentifiable iron scrap (bag)	HAFE/FS3/A2
	NAILS
Cut (1)	
Wire (3), --- (3)	HAFE/FS3/A1 HAFE/FS3/A2

	SHELL
Oyster shell	HAFE/FS3/A2
Clam shells (2)	HAFE/FS3/A2
	UNIDENTIFIED MATERIAL
Worm core (marine)?	HAFE/FS3/A1

ARTIFACT LIST

HARPERS FERRY
TTA

BONE

Unidentified mammal vert. (sawn)	HAFE/TTA/2a
Bos taurus, T-C (sawn)	HAFE/TTA/3
Sus scrofa, 1 lt. humeral shaft, 1 lt. femoral shaft (butcher sawn 2x)	HAFE/TTA/3
Unidentified mammal (3)	HAFE/TTA/3
Unidentified bird (2)	HAFE/TTA/3

MORTAR/PLASTER

Curved fragment white sand mortar	HAFE/TTA/3

BUTTON

White opaque milk glass, 5/8" diameter, 4 holes	HAFE/TTA/3-1 CAT. 9608

CERAMIC, earthenwar

Small rim fragment, slightly yellowish glazed surfaces, white body, trace of molded floral decoration on one surface, scalloped rim	HAFE/TTA/1a-1 CAT. 9599
Curved fragment, yellow exterior glaze with trace of white possibly a band, white interior glaze, white body	HAFE/TTA/2a-2
Handle fragment, yellow glaze, white body	HAFE/TTA/2a-3
Flat plate base (?) fragment, white crazed surfaces, white body	HAFE/TTA/2a-4
Small fragment, one surface missing, white glaze on other, white body	HAFE/TTA/2a-5
Rim fragments, similar to HAFE/TTA/1a-1, slightly yellowish glazed surfaces, white body, molded floral decoration on surface, red-blue-green printed decoration	HAFE/TTA/2a-6-7 CAT. 9600 + 9601
Straight sided vessel base and side fragment, slightly yellowish glaze, white body	HAFE/TTA/3-3 CAT. 9619
Small curved fragment, slightly yellowish glaze, white body	HAFE/TTA/3-4
Small curved fragment, white glaze, white body	HAFE/TTA/3-5

CERAMIC, salt-glazed

Drain pipe fragment, brown glaze, orange body, modern	HAFE/TTA/2a-1

CERAMIC, misc.

Transfer, small fragment from plate (?), white exterior glaze, blue floral transfer decoration on interior white body, C19	HAFE/TTA/2a-8
Ironstone, heavy plate section, possibly commercial or "hotel" china, white surfaces with aqua blue filigree decoration near rim, white body, late C19 or C20	HAFE/TTA/2a-9 CAT. 9602
Lead-glazed, slightly curved fragment, dark brown glaze on interior, unglazed orange exterior, orange body, C18 or C19	HAFE/TTA/3-2
Edgeware, plate rim fragment, blue shell edge decoration, white glaze and body	HAFE/TTA/3-6 CAT. 9606
Transfer, cup rim fragment, thin fragment, blue transfer decoration on both surfaces, white body	HAFE/TTA/3-7 CAT. 9607
Porcelain, doorknob fragment, white glazed surfaces, white body	HAFE/TTA/3-8 CAT. 9605
Porcelain, cylindrical knob fragment, white glaze and body	HAFE/TTA/3-9 CAT. 9609

GLASS, bottle

Bottle rim fragment, screw threads around rim, clear metal, post 1903	HAFE/TTA/1a-2
Bottle fragments, clear metal (9)	HAFE/TTA/1a
"7-Up" bottle base and side fragment, bright green metal, white silk-screened labeling, C20	HAFE/TTA/2a-15
Small fragment, bright green metal, white silk-screened decoration	HAFE/TTA/2a-16
Base, bright green metal, post 1903	HAFE/TTA/2a-17
Curved fragment, bright green metal	HAFE/TTA/2a
Curved fragments, squa blue metal (2)	HAFE/TTA/2a
Beer bottle neck, amber-brown metal, post 1903	HAFE/TTA/2a-18
Curved fragments, light green metal (4)	HAFE/TTA/2a
Base fragment, amber-brown metal, post 1903	HAFE/TTA/2a-19
Bottle base, embossed on base, amber-brown metal	HAFE/TTA/2a-20
Curved fragments, amber-brown metal (15)	HAFE/TTA/2a
Bottle neck fragment, iron screw top still in place, clear metal, post 1903	HAFE/TTA/2a-21
Rim, clear metal, no neck-wide sloping shoulders, post 1903	HAFE/TTA/2a-22
Bottle neck and rim fragments, clear metal	HAFE/TTA/2a-23-25

GLASS, bottle contd	
Bottle base fragments, clear metal, post 1903	HAFE/TTA/2a-26-28
Curved fragments, clear metal (48)	HAFE/TTA/2a
Bottle side wall fragment, bright green metal, white and red silk-screen decoration	HAFE/TTA/2b-1
Curved fragment, light green metal	HAFE/TTA/2b
Curved fragments, amber-brown metal (2)	HAFE/TTA/2b
Curved fragments, clear metal (5)	HAFE/TTA/2b
Patent medicine bottle neck, light green metal, post 1880	HAFE/TTA/3-18 CAT. 9615
Extract bottle neck, light green metal, post 1880	HAFE/TTA/3-19 CAT. 9616
Shoulder fragment, clear metal, embossed cross-hatch design, possibly poison bottle	HAFE/TTA/3-20 CAT. 9618
Fragment, clear metal, embossed CAT. 9614 →	HAFE/TTA/3-21
Curved fragments, aqua-blue metal (3)	HAFE/TTA/3
One base fragment, one curved fragment, bright green metal (2)	HAFE/TTA/3
Curved fragments, light green metal (7)	HAFE/TTA/3
Curved fragments, amber-brown metal, embossed with portions of "FEDERAL LAW FORBIDS..." Post 1932 (3)	HAFE/TTA/3
Curved fragments, amber-brown metal (8)	HAFE/TTA/3
Screw top bottle neck, clear metal, post 1903	HAFE/TTA/3-22
Bottle bases, clear metal, post 1903 CAT. 9610, 9611 9613	HAFE/TTA/3-23-27
Shoulder fragment, clear metal, embossed "FEDERAL LAW FORBIDS." post 1932	HAFE/TTA/3-28
Curved fragment, clear metal, embossed "FEDERAL LAW FORBIDS.." post 1932	HAFE/TTA/3-29
Thick bottle side wall fragment, silk-screened label, clear metal	HAFE/TTA/3-30
Curved fragments, clear metal (38)	HAFE/TTA/3

GLASS, window	
(1)	HAFE/TTA/1a
(32)	HAFE/TTA/2a
(12)	HAFE/TTA/3

GLASS misc.	
Fragment of canning jar lid, curved edge, clear metal	HAFE/TTA/2a-29
Very thin fragments, curved, clear metal (2)	HAFE/TTA/2a
25 Amp. fuse	HAFE/TTA/3-17
Curved handle (?) fragment, light green opaque metal	HAFE/TTA/3-31 CAT. 9617
Canning lid rim fragment, white opaque metal	HAFE/TTA/3-32

GLASS, misc. contd.	
Flat fragments, ridged on one surface, white opaque metal	HAFE/TTA/3-33-34
Very thin curved rim fragments, clear metal	HAFE/TTA/3-35-36
Very thin curved fragments, clear metal (5)	HAFE/TTA/3
Curved canning jar lid fragments, clear metal	HAFE/TTA/3-37-38
IRON	
Crown cap, post 1891	HAFE/TTA/2a-10
Screw top cap, C20	HAFE/TTA/2a-11
Small flat fragment	HAFE/TTA/2a-12
Crown bottle caps, post 1891	HAFE/TTA/3-10-13
Thin wire (?) fragment	HAFE/TTA/3-14
Unidentified lump	HAFE/TTA/3-15
METAL	
Steel (?) screw top bottle cap	HAFE/TTA/2a-13
Metal light bulb screw base	HAFE/TTA/2a-14
L-shaped hook, threaded at long end	HAFE/TTA/3-16
25 Amp. fuse	HAFE/TTA/3-17
NAILS	
--- (2)	HAFE/TTA/2a
Cut (2), Wire (5), --- (24)	HAFE/TTA/3
SHELL	
Small snail shell	HAFE/TTA/1a
Small tan snail shell	HAFE/TTA/2a CAT. 9603
UNIDENTIFIED MATERIAL	
Black coal-like material formed into cylindrical shape, smooth outer surface	HAFE/TTA/2a

ARTIFACT LIST

HARPERS FERRY
TTB

BONE

Bos taurus, rib	HAFE/TTB/1a
Unidentified mammal (4)	HAFE/TTB/1a
Rattus rattus, rt. femur (distal unfused)	HAFE/TTB/1b CAT. 9623
Gallus domesticus, lt. ulna	HAFE/TTB/1b
Bos taurus, rib (sawn)	HAFE/TTB/1c
Rattus rattus, rt. femur (distal unfused)	HAFE/TTB/1c CAT 9624
Unidentified mammal (3 sawn) (4)	HAFE/TTB/1d

MORTAR/PLASTER

Tan sand mortar fragment with white plaster on one surface	HAFE/TTB/1b

CERAMIC, earthenwar

Small rim fragment, white crazed glaze, white body	HAFE/TTB/1b-5
Small curved fragment, white crazed glaze, white body	HAFE/TTB/1b-6
Small fragment, white glaze and body	HAFE/TTB/1c-3

CERAMIC, salt-glaze

Fragment from modern drain pipe	HAFE/TTB/1a-2
Curved fragment, grey exterior glaze, brown interior glaze, grey body with brown core, C19	HAFE/TTB/1a-3 CAT. 9621
Small curved fragments, interior surface missing, orangish-brown exterior glaze, soft orange body, not from vessel (?)	HAFE/TTB/1b-1-2
Modern drain pipe fragment	HAFE/TTB/1b-3
Blacking or ink bottle fragment, light brown exterior glaze, grey unglazed interior, grey body, C19	HAFE/TTB/1b-4 CAT. 9622
Modern drain pipe fragment	HAFE/TTB/1c-1
Wide curved handle, grey glaze and body, C18 or C19	HAFE/TTB/1c-2
Modern drain pipe fragment	HAFE/TTB/1d-1

CERAMIC, misc.	
Transfer, small fragment from plate (?), white surfaces with trace of blue transfer decoration on interior, white body	HAFE/TTB/1a-4
Porcelain, rounded fragment, white glaze on one surface, unglazed other, white body, possibly from doll	HAFE/TTB/1c-4
Transfer, plate rim fragment, brown geometric transfer decoration on interior, white glazed exterior, white body	HAFE/TTB/1d-2 CAT. 9627
COAL	
Small fragment hard coal	HAFE/TTB/1c
GLASS, bottle	
Bottle neck, amber-brown metal	HAFE/TTB/1a-5
Curved fragment, olive green metal	HAFE/TTB/1a
Curved fragments, light green metal (4)	HAFE/TTB/1a
Curved fragments, light green metal (2)	HAFE/TTB/1b
Curved fragment, olive green metal	HAFE/TTB/1b
Bottle rim fragment, C19 wine bottle, dark green metal	HAFE/TTB/1c-7
Base fragment from wine bottle, dark green metal	HAFE/TTB/1c
Side wall fragment, clear metal, embossed CAT 9626 →	HAFE/TTB/1d-4
Wine bottle kick, C19, dark green metal CAT 9625 →	HAFE/TTB/1d-5
Curved fragments, light green metal (2)	HAFE/TTB/1d
Curved fragments, dark green metal (3)	HAFE/TTB/1d
GLASS, window	
(7)	HAFE/TTB/1a
(5)	HAFE/TTB/1c
(4)	HAFE/TTB/1d
GLASS, misc.	
Very thin fragment, clear metal	HAFE/TTB/1a

	IRON
›unded fragment wire	HAFE/TTB/1c-5
Squared off fragment wire	HAFE/TTB/1c-6
Long wire or spike, square in section	HAFE/TTB/1d-3
	NAILS
Cut (3), Wire (2), --- (2)	HAFE/TTB/1a
Wire (1), --- (2)	HAFE/TTB/1b
--- (1)	HAFE/TTB/1d
	SHELL
Oyster shell	HAFE/TTB/1b
Small white elongated snail shell	HAFE/TTB/1c
	TOY
?an clay marble, 1.75 cm. in diameter	HAFE/TTB/1a-1 CAT. 9620
	UNIDENTIFIED MATERIAL
Purplish slag-like fragment	HAFE/TTB/1b

ARTIFACT LIST

HARPERS FERRY
BUILDING 12 BASEMENT ENTRANCES

CERAMIC

Salt-glaze, curved fragment from stoneware beer bottle, tan glazed surfaces, grey body	HAFE/BE2-1
Lead-glazed, curved fragment, trace of dark brown glaze on interior, orange unglazed exterior, orange body	HAFE/BE2-2
Lead-glazed, rim to base section of shallow bowl, clear lead glaze giving interior an orange color, orange unglazed exterior, orange body, C18 or C19	HAFE/BE2-3
Edgeware, small rim fragment from plate (?), slightly scalloped rim, white surfaces with blue shell edge decoration, white body	HAFE/BE2-4 CAT. # 9667
Banded ware, rim to base section of cup, wide blue band around exterior, rest of surfaces white glazed, white body	HAFE/BE2-5
Transfer, rim fragments from platter (?), white surfaces with blue transfer decoration on rim and interior base, white body, C19	HAFE/BE2-6-7 CAT. # 9659
Transfer, rim fragment, blue floral and geometric transfer decoration on rim, rest of surfaces white, white body, C19	HAFE/BE2-8 CAT. # 9663 & 9662
Transfer, rim fragment, white surfaces with blue floral transfer decoration on rim, white body, C19	HAFE/BE2-9 CAT# 9669
Transfer, thin saucer (?) booge fragment, white surfaces with blue transfer decoration on interior, white body, C19	HAFE/BE2-10 CAT# 9664
Transfer, flat fragment, white surfaces with blue scenic transfer decoration on one surface, white body, C19	HAFE/BE2-11 CAT. # 9665
Transfer, sugar bowl (?) fragment, white surfaces small trace of blue transfer decoration on exterior, white body, C19	HAFE/BE2-12 CAT. # 9666
Transfer, small flat fragment, white surfaces with dark blue transfer decoration on one surface, white body, C19	HAFE/BE2-13
Transfer, plate base fragment, white surfaces with trace of black scenic transfer decoration on interior, white body, post 1830	HAFE/BE2-14 Cat. # 9660
Transfer, curved fragment, white surfaces with purple stars and leafy transfer decoration on both surfaces, white body, post 1830	HAFE/BE2-15 cat. # 9661
Transfer, small curved fragment, white surfaces red transfer decoration and raised molded decoration on exterior, white body, post 1830	HAFE/BE2-16 CAT. # 9668
Earthenware, saucer section, scalloped edge, slightly bluish surfaces, dark blue line around rim, dark blue floral decoration on booge, slightly raised white decoration on rim, white body, C19	HAFE/BE2-17 CAT. 9658

CERAMIC, contd.

Earthenware, thick flat plate or platter fragment, white crazed glaze, trace of blue-yellow floral decoration on interior, white body	HAFE/BE2-18
Earthenware, footed base fragment from bowl (?), white surfaces trace of black line around foot, white body, marked "ROGERS" on base, dates c.1784-1814+	HAFE/BE2-19 CAT.# 9657
Earthenware, saucer (?) rim fragment, smooth white surfaces, trace of gold band on rim and around base on interior, white body	HAFE/BE2-20 CAT.# 9670
Earthenware, saucer section, plain rim, white glaze and body	HAFE/BE2-21
Earthenware, rim fragment, trace of white glaze, white body	HAFE/BE2-22
Earthenware, saucer (?) base fragment, white glaze, and body	HAFE/BE2-23
Earthenware, small thin fragment, slightly yellow glaze, white body	HAFE/BE2-24
China, rim fragment, smooth white glaze, hard white body, translucent	HAFE/BE2-25
China, curved fragment, smooth white glaze, hard white body, translucent	HAFE/BE2-26
China, faceted cup (?) fragment, smooth white glaze, hard white body, translucent	HAFE/BE2-27
China, saucer (?) booge fragment, smooth white glaze, hard white body, translucent	HAFE/BE2-28
China, flat fragment, smooth white glaze, hard white body, translucent	HAFE/BE2-29
China, plate or saucer rim fragment, smooth white glaze, trace of former floral decoration (dulled areas in glaze), hard white body, translucent	HAFE/BE2-30
China, cup (?) rim fragment, smooth white glaze, trace of former floral decoration on both surfaces (dulled areas in glaze), hard white body, translucent	HAFE/BE2-31
Salt-glaze, blacking or ink side wall and shoulder fragment, brown exterior glaze, unglazed grey interior, grey body, C19	HAFE/BE3-1 CAT. 9634
Salt-glaze, stoneware beer bottle base, tan glaze and body, marked with impressed "O" near base on side, C19	HAFE/BE3-2 CAT. 9633
Lead-glazed, straight sided vessel rim fragment, dark brown interior glaze, unglazed orange exterior, orange body	HAFE/BE3-3 CAT. 9635
Lead-glazed, base fragment from shallow bowl (?), clear lead glaze on interior giving orange color, unglazed orange exterior, orange body	HAFE/BE3-4 CAT. 9636
Lead-glazed, wide (1¾") flat handle fragment with slight ridges on exterior, dark brown glaze, orange body	HAFE/BE4-1 CAT. 9640

CERAMIC, contd.

Transfer, saucer or plate rim fragment, white surfaces with band of blue transfer geometric decoration around interior rim and blue transfer scenic decoration below band, white body, C19	HAFE/BE4-2 CAT. 9642
Transfer, curved fragment near plate or saucer rim, white surfaces with blue transfer leafy and line decoration on interior, white body, C19	HAFE/BE4-3 CAT. 9643
Transfer, flat fragment from plate base (?), white surfaces with blue transfer scenic decoration on one surface, marked on base (illegible), white body, C19	HAFE/BE4-4 CAT. 9644
Earthenware, saucer rim fragment, white surfaces and body, faceted around rim on interior	HAFE/BE4-5 CAT. 9641
China, footed base fragment to cup ro small bowl(?), smooth white surfaces, hard white body, translucent	HAFE/BE4-6 CAT. 9645
China, straight sided vessel rim fragment, faceted smooth white surfaces, hard white body, translucent	HAFE/BE4-7 CAT. 9646

COPPER ALLOY

Ring, 4.77 cm. in diameter, evidence of tin (?) wash, curved and decorated edge	HAFE/BE1-1 CAT. 9574

GLASS

Perfume or cologne bottle, clear metal, 4-tiered bulbous body, post 1880, marked around base "AVERAGE 5OZ. CAPACITY." Illegible mark on bottom, 5½" high	HAFE/BE1-4 CAT. 9571
Bottle neck, amber-brown metal, C19	HAFE/BE1-5
Heavy bottle lower half, clear metal, post 1880, embossed CAT. NO 9635	HAFE/BE1-6 CAT. # 9635
Fragment of stemware bowl (?), short bulbous hexagonal stem, plain base, clear metal	HAFE/BE1-7 CAT. # 9656
Short pharmacy bottle, 2½" high, 1-7/8" diameter, amber-brown metal, embossed, post 1903.	HAFE/BE3-5 CAT. 9631
Wine bottle kick fragments, shallow kicks, dark green metal	HAFE/BE3-6-7 CAT. 9630
Base fragment with beginning of six-sided stem, yellow metal, late C19 or C20	HAFE/BE3-8 CAT. 9632
Flat, light green window glass fragment	HAFE/BE4

GLASS, contd.

Panel bottle fragment, clear metal, embossed, post 1880	HAFE/BE4-8
Side wall fragment from wine bottle, dark green metal	HAFE/BE4
Base and side wall fragment from C19 wine bottle, dark green metal	HAFE/BE4-9 CAT. 9637
Tumbler base, very heavy clear metal with pontil mark on base, 2-3/4" diameter	HAFE/BE4-10 CAT. 9638
Rim and side fragment of shallow bowl (?), scalloped rim, press molded decoration side, clear metal, late C19	HAFE/BE4-11 CAT. 9639

SHELL

Oyster shell fragment	HAFE/BE1

SPOONS

Iced tea (?) spoon, small round bowl, long handle, handle decorated on both surfaces, "Nickel Silver" marked on back	HAFE/BE1-2 CAT. 9573
Large serving spoon, large oval bowl, handle decoration on exterior, no evidence of marks	HAFE/BE1-3 CAT. 9572

APPENDIX B

Artifact Treatment Records

No. HAFE/ FS1/E-5	Artifact Treatment Record
	Object: handle Material: iron

Start 13 August 1976
Finish
Conservator R.D. House

Metals

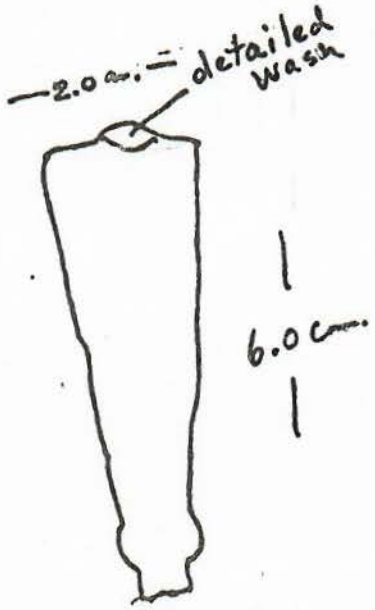
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Oth-er		
2	Pick and Chisel	Yes		No	X			
3	Methods of Cleaning							
	A arbve - contact point							
	B elec. red. TPC5 8-18							
	C arbve cleaning							
	D							
	E							
	F							
	G							
	H							
4	Boiled in Demineralized Water							
	Start	Stop 8-26		Chlor. Test +		- X		
5	Dried: oven 200° 1 hour							
6	Inhibitor: CRC 3-36 8-27							
7	Seal							

Bone
Wood
Glass

1	Cleaned:
2	Dried:
3	Consolidated:
	Material
	Oven Dessicator
	Time

X-Ray: Yes		No	X

Special Notes on Reverse



Rough Sketch

No. HAFE/ FS1/F-2	Artifact Treatment Record	Start 13 August 1976
	Object: knife blade Material: iron	Finish
		Conservator R.D. House

Metals

1	Preliminary Examination	Solid Core	X	No Metal Remaining		Oth-er		
2	Pick and Chisel	Yes		No	X			
3	Methods of Cleaning							
	A arbve - contact point							
	B elec. red. TPC2 8-18							
	C arbve cleaning							
	D							
	E							
	F							
	G							
	H							
4	Boiled in Demineralized Water							
	Start	Stop 8-24		Chlor. Test +		- X		
5	Dried: oven 200°	1 hour						
6	Inhibitor: CRC 3-36	8-27						
7	Seal							

Bone Wood Glass

1	Cleaned:		
2	Dried:		
3	Consolidated:		
	Material		
	Oven	Dessicator	
	Time		

X-Ray:	Yes		No	X

Special Notes on Reverse



Rough Sketch

No. HAFE/FS1/H-3	Artifact Treatment Record
	Object: spike? Material: iron

Start 13 August 1976
Finish
Conservator R.D. House

Metals

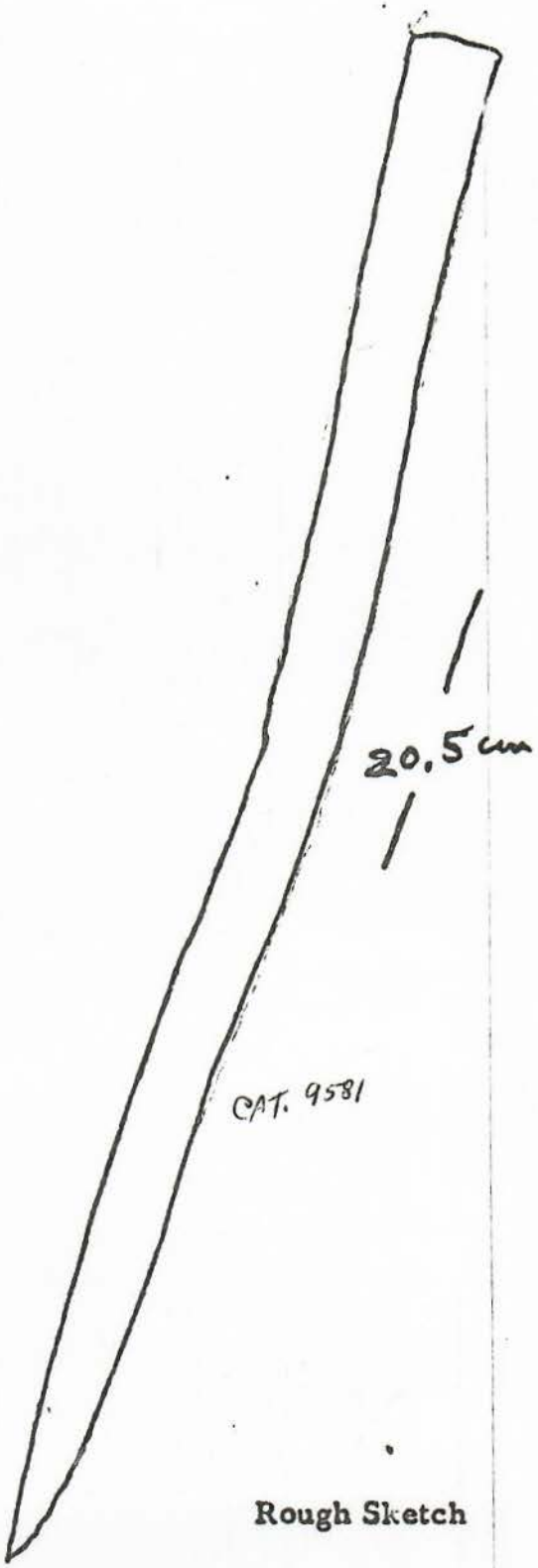
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Other	
2	Pick and Chisel	Yes	X	No			
3	Methods of Cleaning						
	A arbve - contact point						
	B elec. red. TP						
	C arbve cleaning 8-24						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start 8-25	Stop 8-31	Chlor. Test + X	- X			
5	Dried: oven 200° 1 hour						
6	Inhibitor: CRC 3-36						
7	Seal						

Bone
Wood
Glass

1	Cleaned:
2	Dried:
3	Consolidated:
	Material
	Oven | Dessicator
	Time

X-Ray: Yes		No	X

Special Notes on Reverse



Rough Sketch

No.	Artifact Treatment Record
HAFE/ FS1/H1-1	Object: spike Material: iron

Start 18 August 1976
Finish
Conservator R.D. House

Metals

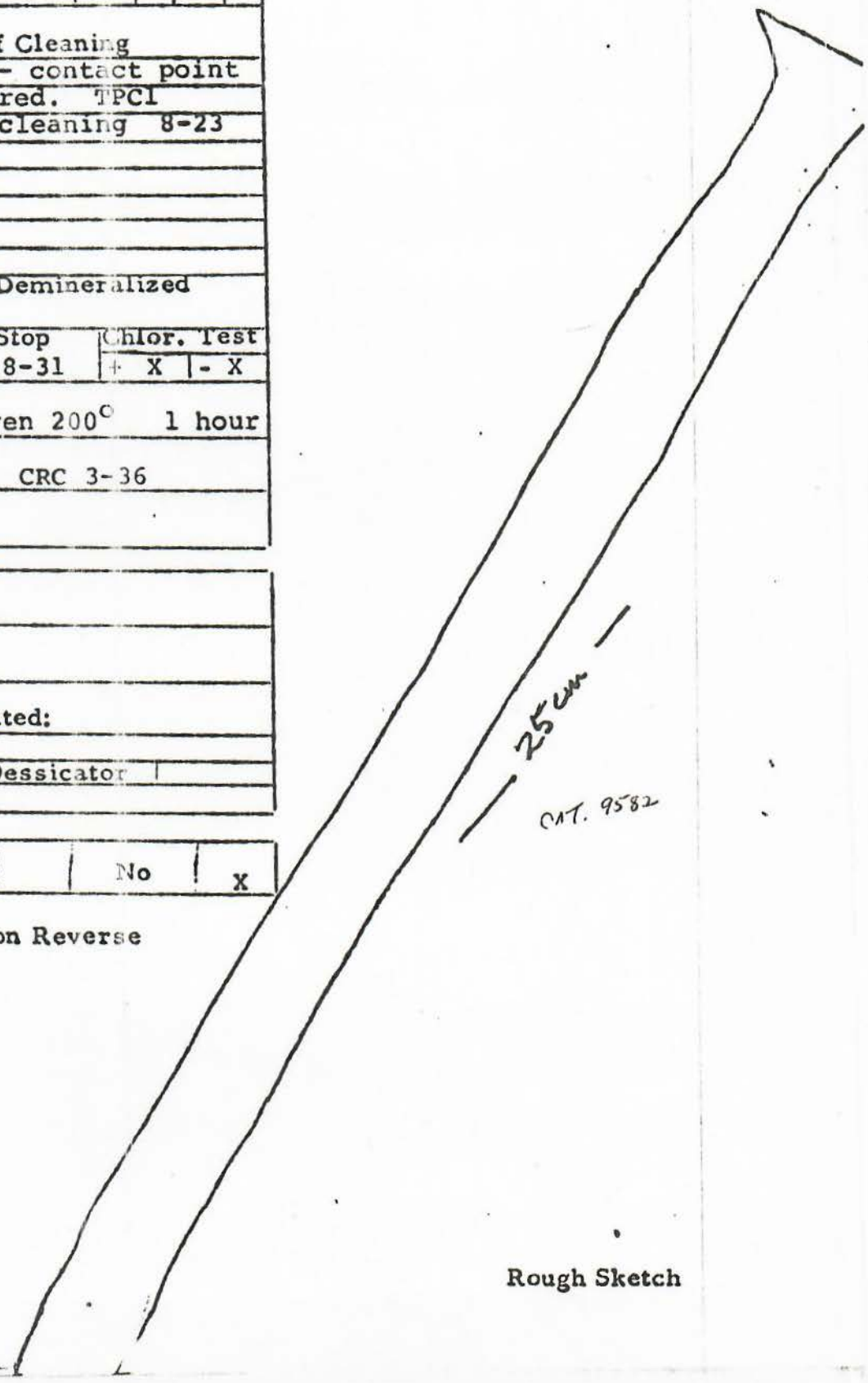
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Oth-er	
2	Pick and Chisel	Yes	X	No			
3	Methods of Cleaning						
	A arbve - contact point						
	B elec. red. TPCl						
	C arbve cleaning 8-23						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start 8-24	Stop 8-31	Chlor. Test + X	- X			
5	Dried: oven 200° 1 hour						
6	Inhibitor: CRC 3-36						
7	Seal						

Bone
Wood
Glass

1	Cleaned:
2	Dried:
3	Consolidated:
	Material
	Oven | Dessicator
	Time

X-Ray: Yes		No	X

Special Notes on Reverse



Rough Sketch

No.	Artifact Treatment Record
HAFE/ FS1/J1-4	Object: hinge Material: iron

Start 13 August 1976
Finish
Conservator R.D. House

Metals

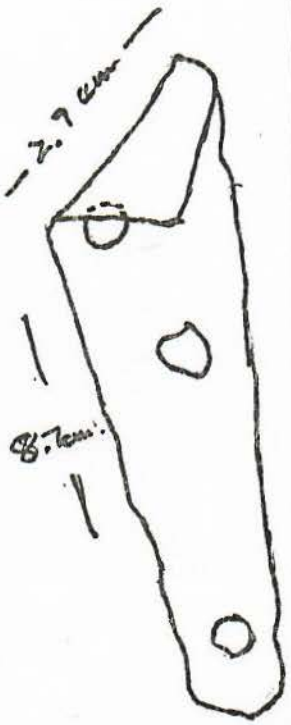
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Other	
2	Pick and Chisel	Yes		No	X		
3	Methods of Cleaning						
	A arbve - contact point						
	B elec. red. TPCl 8-18						
	C arbve cleaning						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start	Stop 8-26		Chlor. Test +		- X	
5	Dried: oven 200° 1 hour						
6	Inhibitor: CRC 3-36 8-27						
7	Seal						

Bone
Wood
Glass

1	Cleaned:						
2	Dried:						
3	Consolidated:						
	Material						
	Oven	Dessicator					
	Time						

X-Ray:	Yes		No	X

Special Notes on Reverse



CAT. 9583

Rough Sketch

No. HAFE/FS1/J6-3	Artifact Treatment Record
	Object: bolt Material: iron

Start 13 August 1976
Finish
Conservator R.D. House

Metals

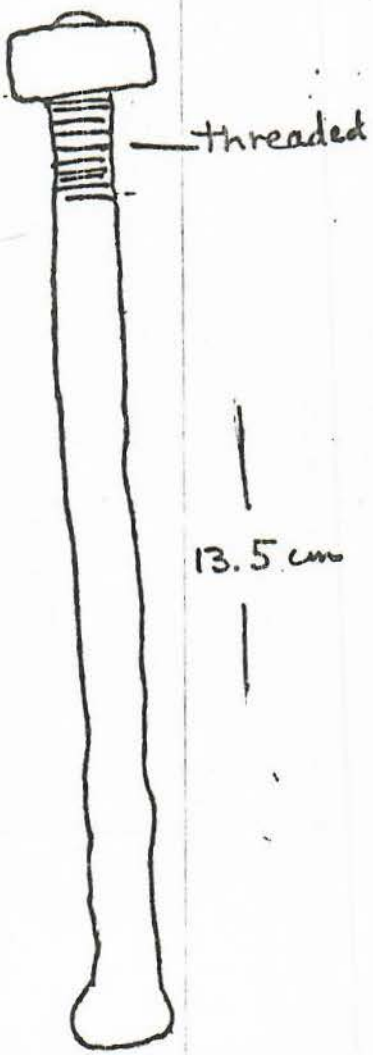
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Other	
2	Pick and Chisel	Yes	X	No			
3	Methods of Cleaning						
	A arbve - contact point						
	B elec. red. TP						
	C arbve cleaning 8-23						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start 8-24	Stop 8-31	Chlor. Test + X	- X			
5	Dried: oven 200° 1 hour						
6	Inhibitor: CRC 3-36						
7	Seal						

Bone
Wood
Glass

1	Cleaned:						
2	Dried:						
3	Consolidated:						
	Material						
	Oven	Dessicator					
	Time						

X-Ray:	Yes		No	X

Special Notes on Reverse



Rough Sketch

No. HAFE/FS1/J7-8	Artifact Treatment Record
	Object: UMO Material: iron

Start 18 August 1976
Finish
Conservator R.D. HOuse

Metals

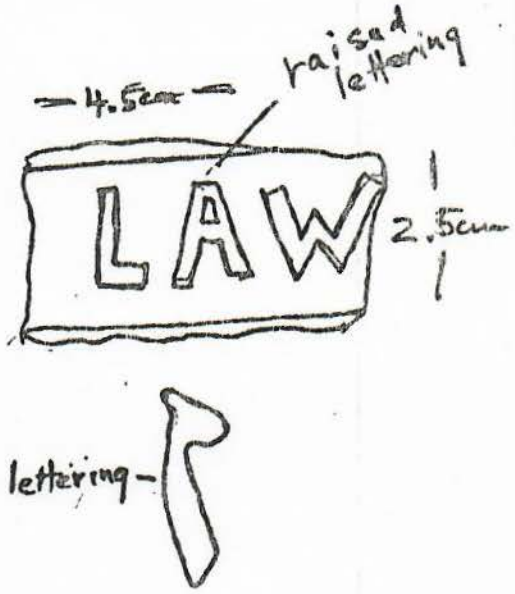
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Oth-er	
2	Pick and Chisel	Yes	X	No			
3	Methods of Cleaning						
	A arbve - contact point						
	B elec. red. TP						
	C arbve cleaning 8-23						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start 8-24	Stop 8-31	Chlor. Test + X	- X			
5	Dried: oven 200° 1 hour						
6	Inhibitor: CRC 3-36						
7	Seal						

Bone
Wood
Glass

1	Cleaned:		
2	Dried:		
3	Consolidated:		
	Material		
	Oven	Dessicator	
	Time		

X-Ray:	Yes		No	X

Special Notes on Reverse



Rough Sketch

No. HAFE/ FS1/L-4	Artifact Treatment Record
	Object: UMO Material: iron

Start 18 August 1976
Finish 31 August 1976
Conservator R.D. House

Metals

1	Preliminary Examination	Solid Core		No Metal Remaining	X	Oth-er	
2	Pick and Chisel	Yes		No	X		
3	Methods of Cleaning						
	A arbve 8-24						
	B cleaning						
	C						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start	Stop	Chlor. Test +	-			
5	Dried:						
6	Inhibitor:						
7	Seal						

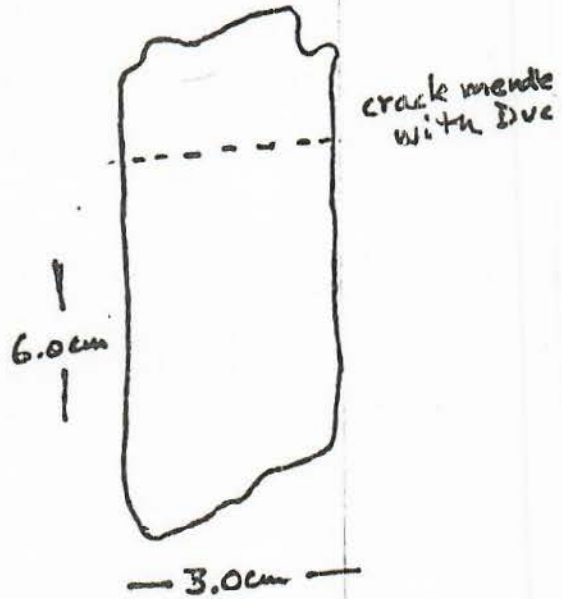
Bone
Wood
Glass

1	Cleaned:						
2	Dried:						
3	Consolidated:						
	Material						
	Oven	Dessicator					
	Time						

X-Ray:	Yes		No	X

Special Notes on Reverse

no sound metal.
consolidated under vacuum w/50% Krylon 150 and Toluene



Rough Sketch

No. HAFE/ FS2/A1-2	Artifact Treatment Record
	Object: nail Material: iron

Start 18 August 1976
Finish
Conservator R.D. House

Metal

1	Preliminary Examination	Solid Core	X	No Metal Remaining		Oth-er	
2	Pick and Chisel	Yes	X	No			
3	Methods of Cleaning						
	A arbve. - contact point						
	B elec. red. TPC2						
	C arbve 8-23						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start 8-24	Stop 8-31	Chlor. Test + X	- X			
5	Dried: oven 200° 1 hour						
6	Inhibitor: CRC 3-36						
7	Seal						

Bone
Wood
Glass

1	Cleaned:						
2	Dried:						
3	Consolidated:						
	Material						
	Oven	Dessicator					
	Time						

X-Ray: Yes		No	X

Special Notes on Reverse



Rough Sketch

No. HAFE/ FS2/A1-3	Artifact Treatment Record
	Object: UMO Material: iron

Start 13 August 1976
Finish
Conservator R.D. House

Metals

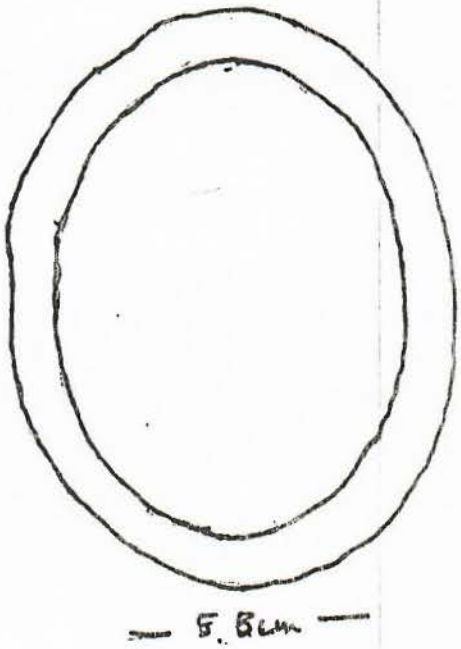
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Oth-er	
2	Pick and Chisel	Yes		No	X		
3	Methods of Cleaning						
	A arbve - contact point						
	B elec. red. TPC3 8-18						
	C arbve cleaning						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start	Stop 8-26		Chlor. Test +		- X	
5	Dried: oven 200° 1 hour						
6	Inhibitor: CRC 3-36 8-27						
7	Seal						

Bone
Wood
Glass

1	Cleaned:
2	Dried:
3	Consolidated:
	Material
	Oven: Dessicator:
	Time

X-Ray:	Yes		No	X

Special Notes on Reverse



Rough Sketch

No. HAFE/TTB/ 1d-3	Artifact Treatment Record	Start 13 August 1976
	Object: UMO Material: iron	Finish
		Conservator R.D. House

Metals

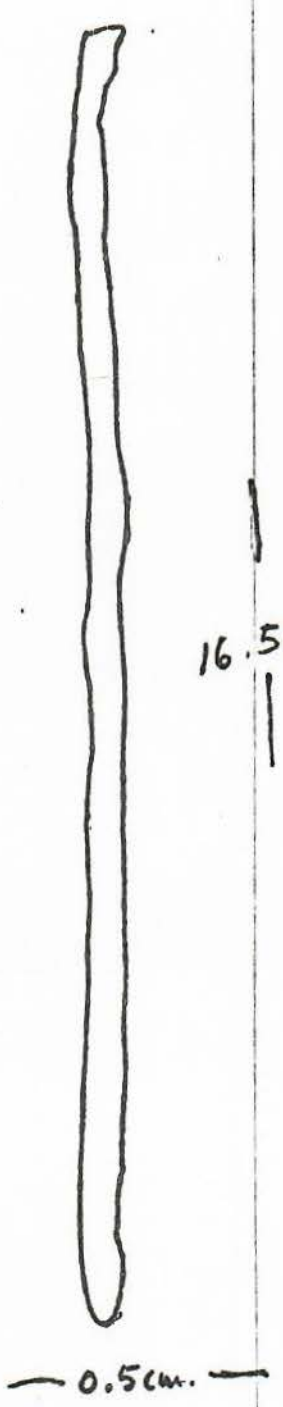
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Oth-er		
2	Pick and Chisel	Yes		No	X			
3	Methods of Cleaning							
	A arbve - contact point							
	B elec. red. TPC4 8-18							
	C arbve cleaning							
	D							
	E							
	F							
	G							
	H							
4	Boiled in Demineralized Water							
	Start	Stop 8-26		Chlor. Test +		- X		
5	Dried: oven 200° 1 hour							
6	Inhibitor: CRC 3-36 8-27							
7	Seal							

Bone
Wood
Glass

1	Cleaned:							
2	Dried:							
3	Consolidated:							
	Material							
	Oven	Dessicator						
	Time							

X-Ray:	Yes		No	X

Special Notes on Reverse



Rough Sketch

No.	Artifact Treatment Record	Start 19 August 1976
HAFE/ BE1-1	Object: watch face? Material: copper alloy	Finish 31 August 1976
		Conservator R.D. House

Metals

1	Preliminary Examination	Solid Core		No Metal Remaining		Other	
2	Pick and Chisel	Yes		No			
3	Methods of Cleaning						
	A 10% citric acid						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start	Stop	Chlor. Test +		-		
5	Dried:						
6	Inhibitor:						
7	Seal						

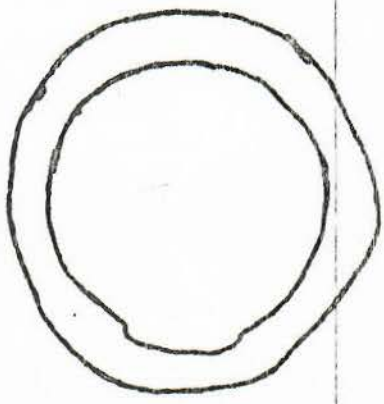
Bone
Wood
Glass

1	Cleaned:	
2	Dried:	
3	Consolidated:	
	Material	
	Oven	Dessicator
	Time	

X-Ray:	Yes		No	X

Special Notes on Reverse

A wash appearing to be a tin wash is present. Because this wash cracked and broke away in areas, the object was cleaned with the citric acid solution



in the ultrasonic unit.

To maintain the wash, the object was dried in acetone and a Benzotriazol inhibitor was applied under vacuum, and Krylon 1301 was sprayed onto the surface.

Rough Sketch

No. HAFE/ BE1-2	Artifact Treatment Record
	Object: spoon Material:

Start 19 August 1976
Finish 31 August 1976
Conservator R.D. House

Nickel base with silver wash.

Metals

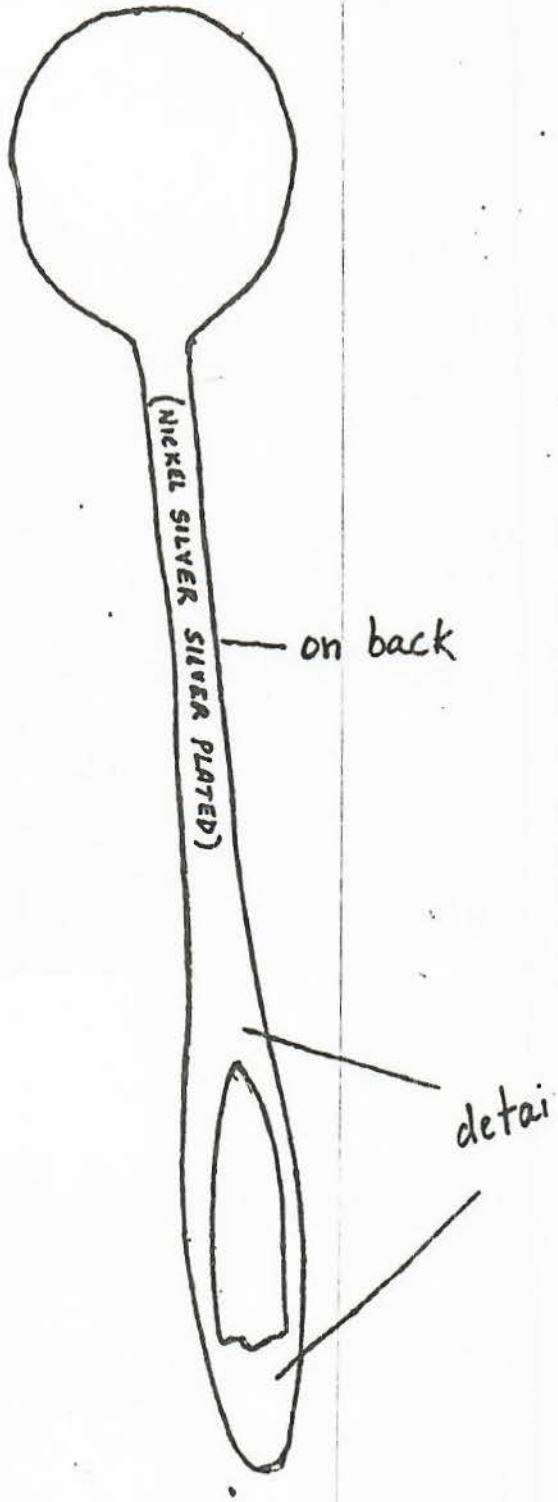
1	Preliminary Examination	Solid Core		No Metal Remaining		Oth-er	
2	Pick and Chisel	Yes		No	X		
3	Methods of Cleaning						
	A 10% citric acid						
	B 10% sulphuric acid						
	C polished with rouge						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start	Stop	Chlor. Test +		-		
5	Dried:						
6	Inhibitor:						
7	Seal						

Bone
Wood
Glass

1	Cleaned:						
2	Dried:						
3	Consolidated:						
	Material						
	Oven	Dessicator					
	Time						

X-Ray:	Yes		No	X

Special Notes on Reverse



Rough Sketch

No. HAFE/ BE1-3	Artifact Treatment Record
	Object: spoon Material:

Start 19 August 1976
Finish 31 August 1976
Conservator R.D. House

Metals

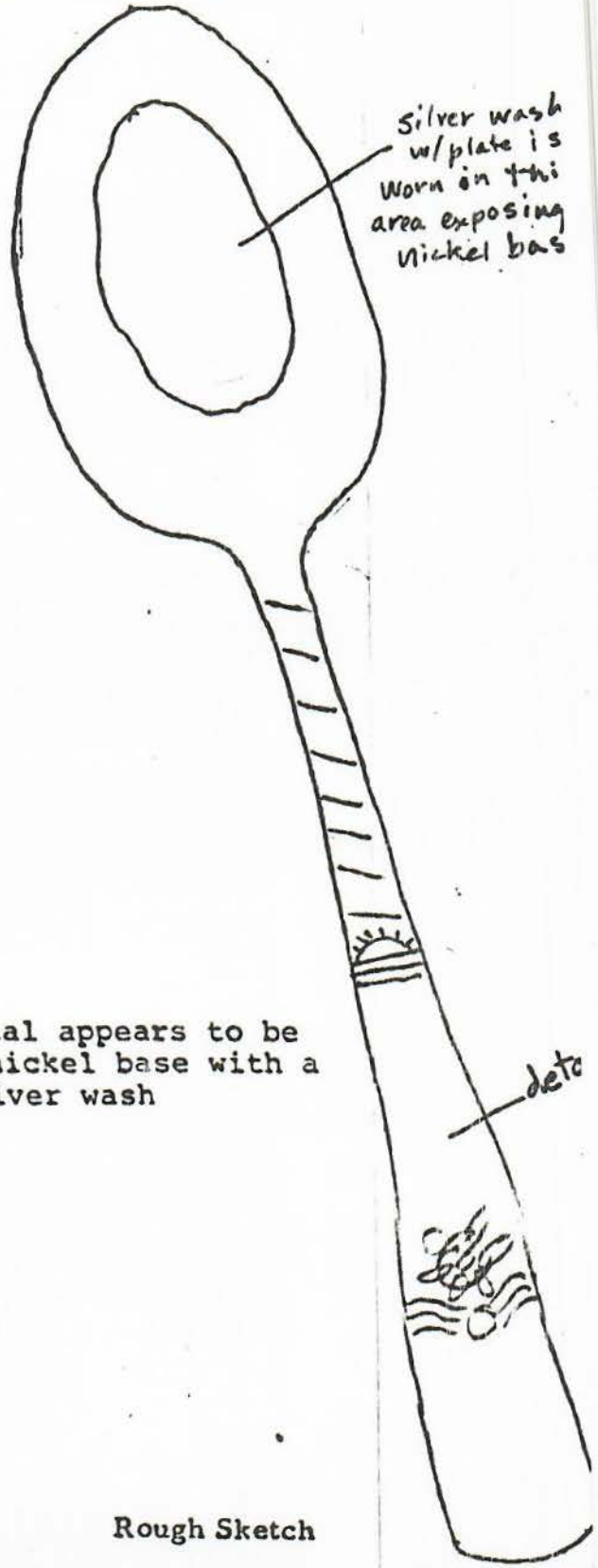
1	Preliminary Examination	Solid Core	X	No Metal Remaining		Oth-er	
2	Pick and Chisel	Yes		No	X		
3	Methods of Cleaning						
	A 10% citric acid						
	B 10% sulphuric acid						
	C polished with rouge						
	D						
	E						
	F						
	G						
	H						
4	Boiled in Demineralized Water						
	Start	Stop	Chlor. Test +		-		
5	Dried:						
6	Inhibitor:						
7	Seal						

Bone
Wood
Glass

1	Cleaned:	
2	Dried:	
3	Consolidated:	
	Material	
	Oven	Dessicator
	Time	

X-Ray:	Yes		No	X

Special Notes on Reverse



metal appears to be a nickel base with a silver wash

Rough Sketch

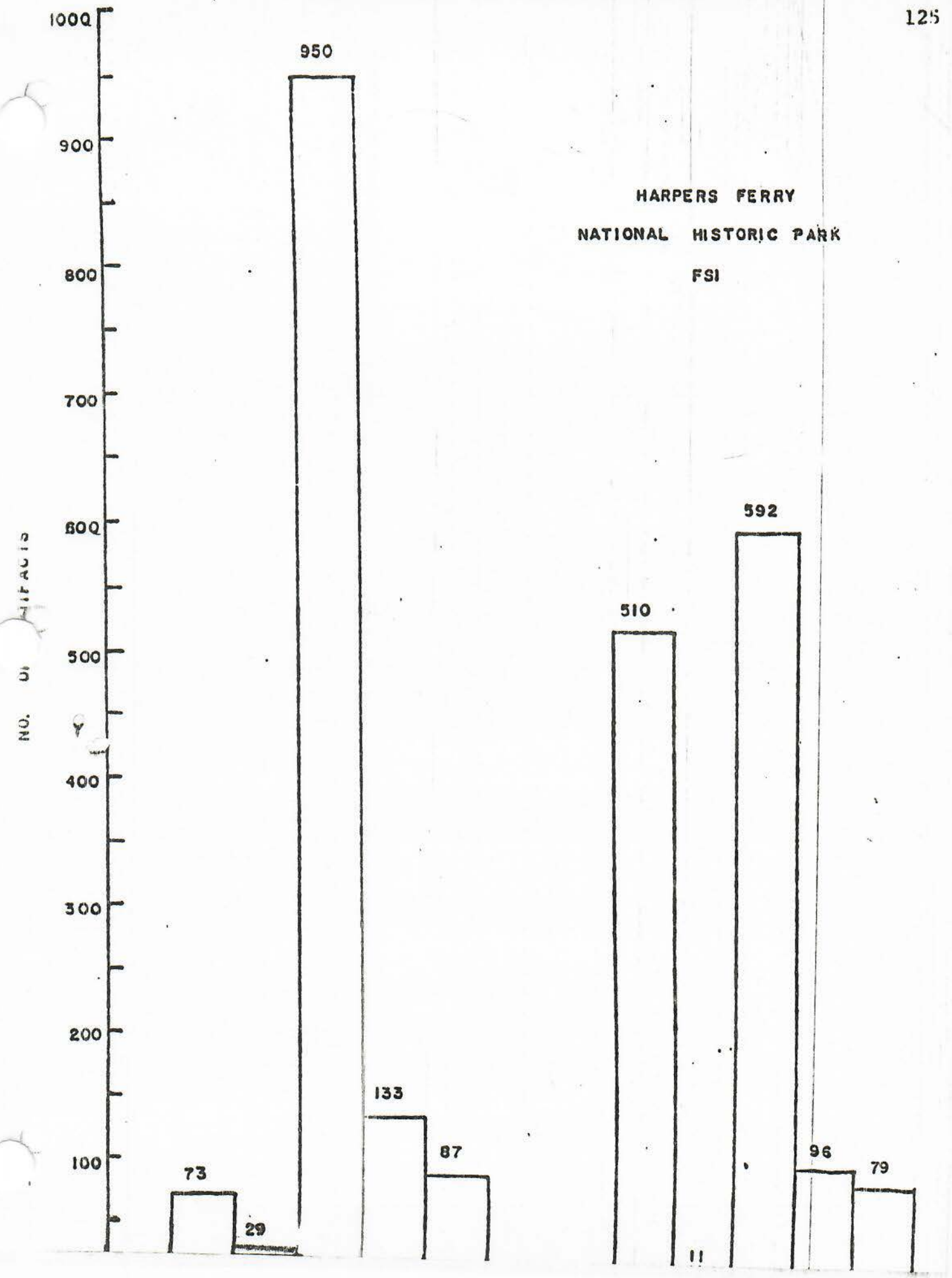
APPENDIX C

Graphs and Tables

HARPERS FERRY

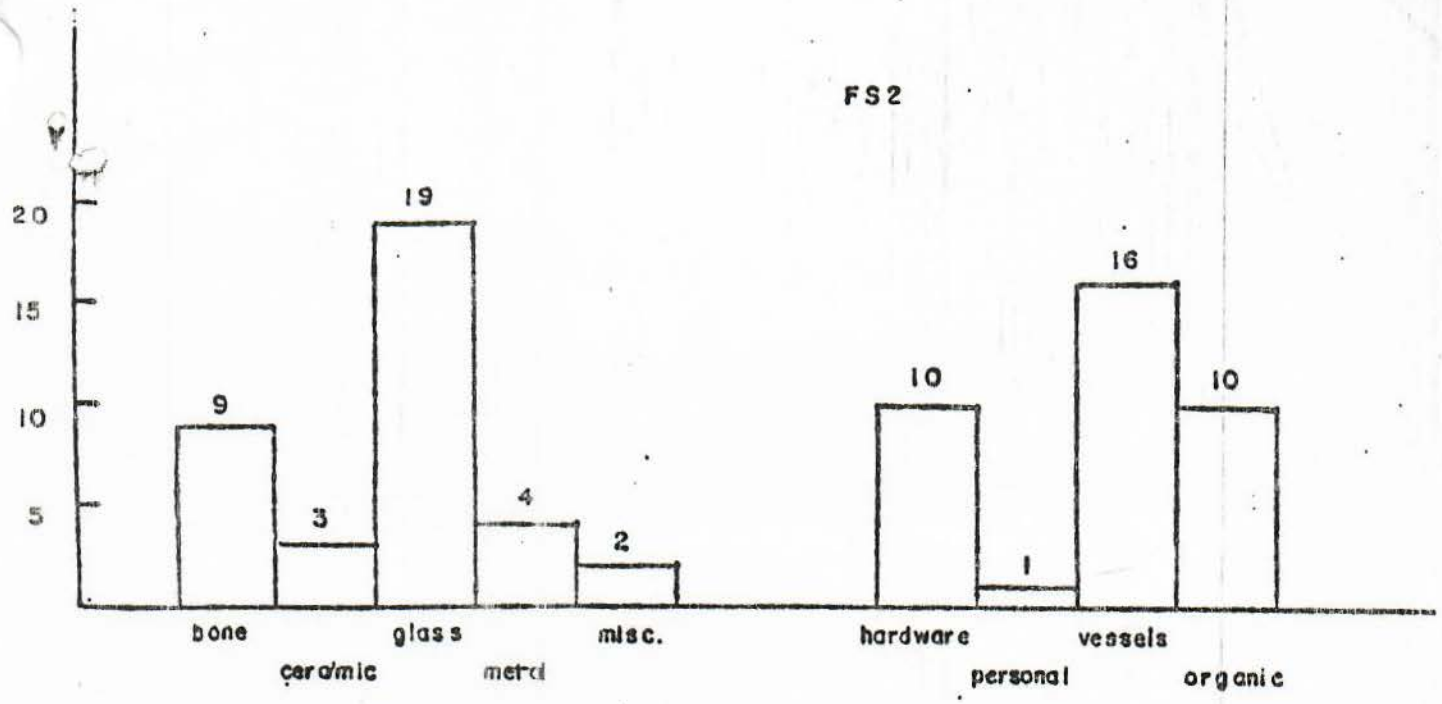
NATIONAL HISTORIC PARK

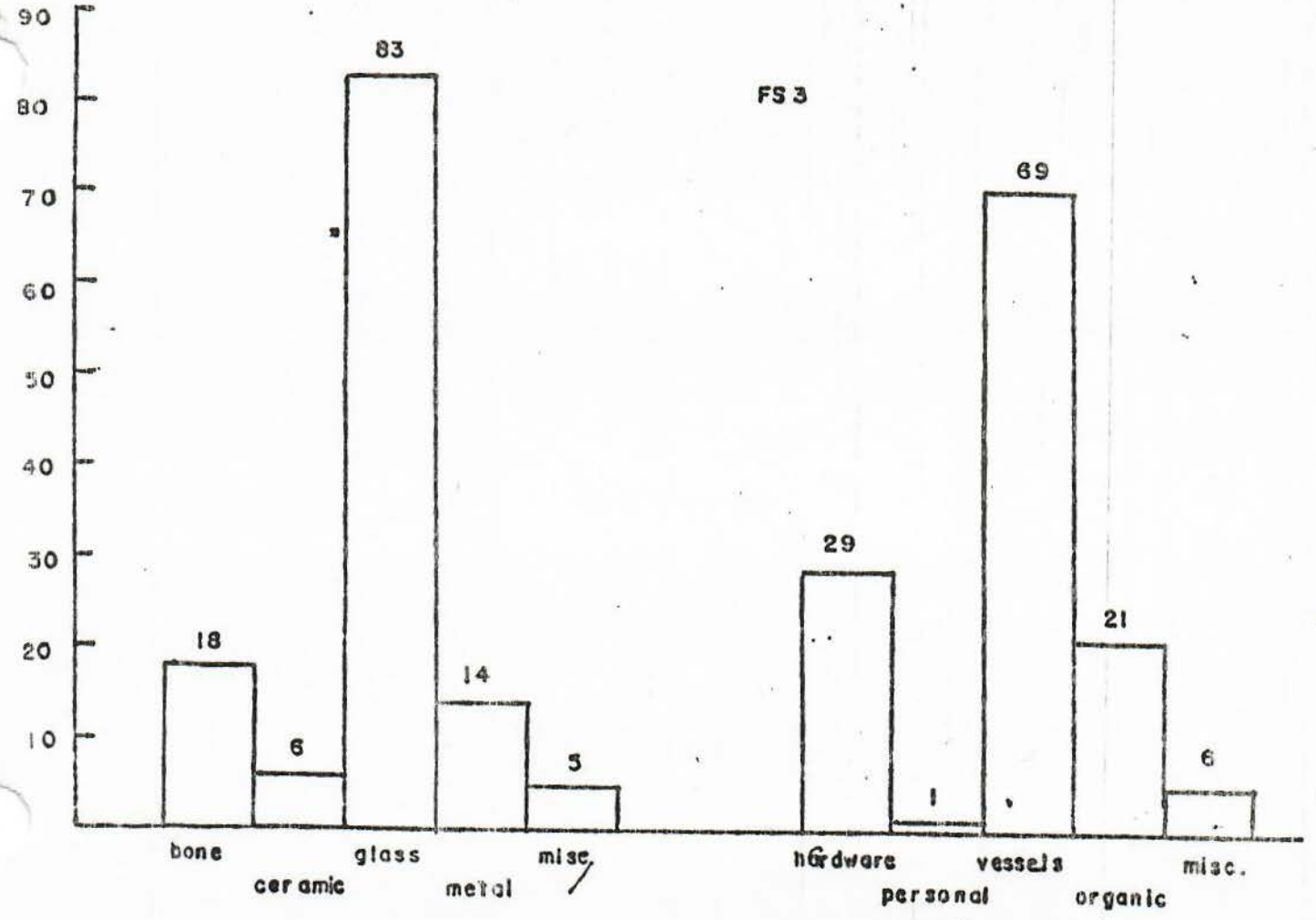
FSI



HARPERS FERRY

NATIONAL HISTORIC PARK

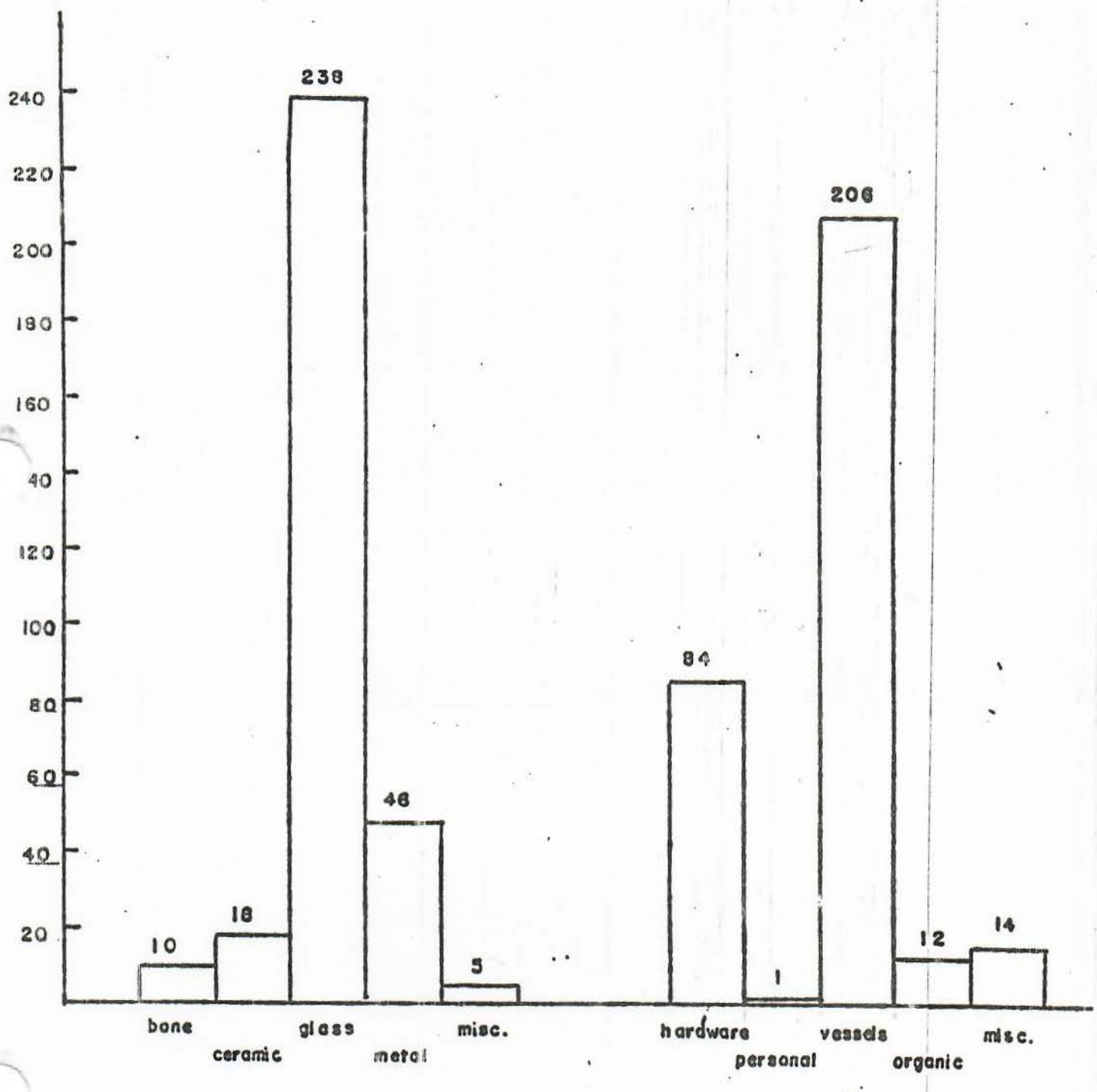




HARPERS FERRY

NATIONAL HISTORIC PARK

TTA



HARPERS FERRY
NATIONAL HISTORIC PARK
TTB

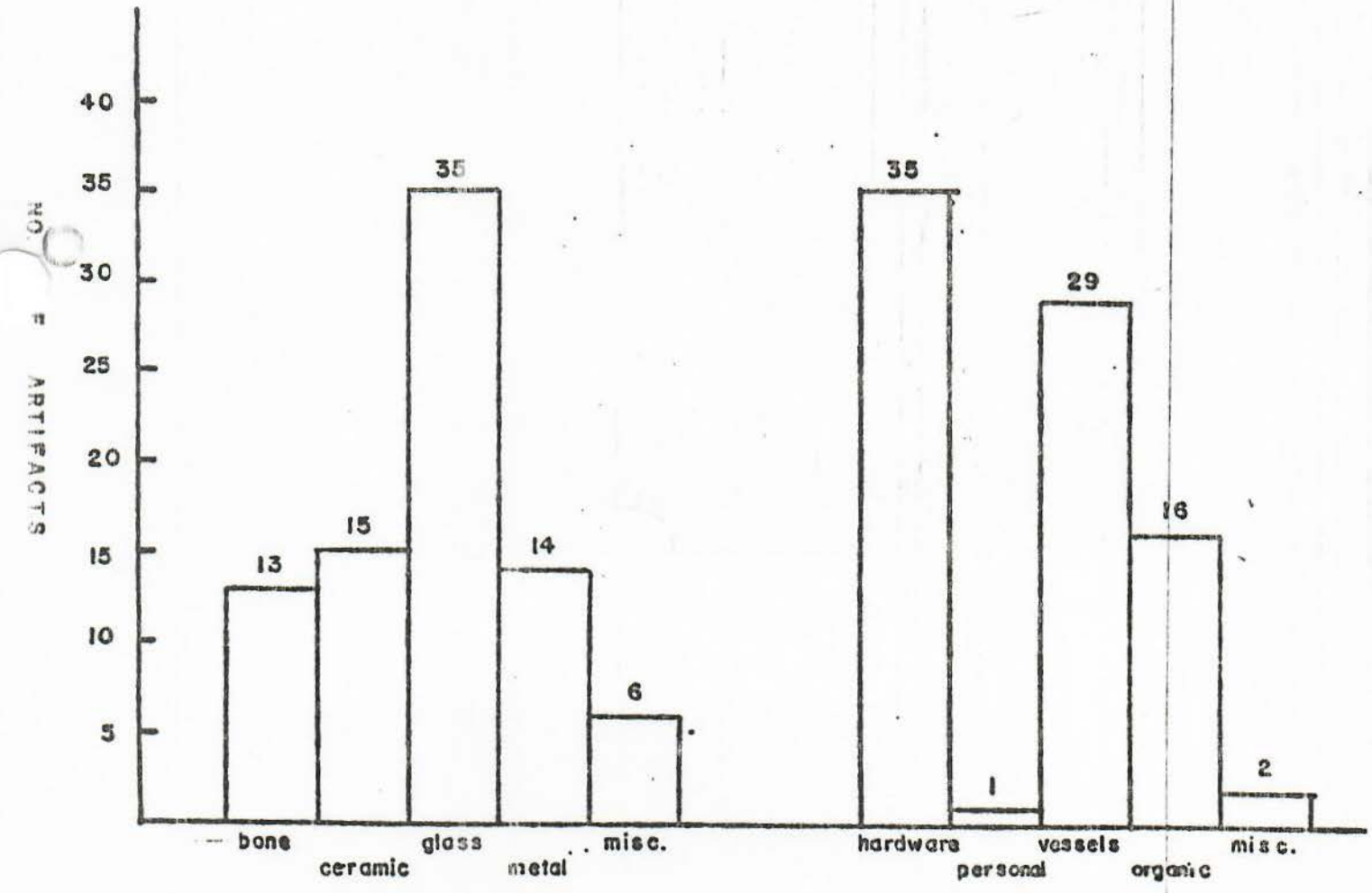


TABLE 1. Artifacts By Material Type (FS1)

Category	Number	Percent
Bone	73	5.7
Brick/Mortar/Plaster	34	
Button	1	
Charcoal	2	
Coal	2	
Foil	5	
Golf Ball	1	
Marble	7	7.4
Plastic	6	
Organic Material	2	
Shell	9	
Stone	9	
Toy, marble	2	
Unidentified Material	12	
Wood	8	
Ceramic	29	2.3
Glass*	950	74.1
Copper Alloy	2	
Iron	42	
Metal	6	10.5
Nails	86	

---

*Glass:		
bottle	522	55.3
whole bottle	3	
window	368	38.7
miscellaneous	51	
opaque	4	6.0
mirror	1	
bead	1	

TABLE 3. Artifacts By Functional Category (FS1)

Functional Category	Material	Number	Percent of category	Percent of total
Hardware	Brick/Mortar/Plaster	34	6.6	
	Marble	7	4.1	
	Iron	8		
	Metal	1		
	Stone	5		
	Nails	86	16.9	
	Glass	369	72.4	
		510		39.6
Personal	Button	1		
	Foil	5		
	Golf Ball	1		
	Iron	1		
	Toy	2		
	Glass, bead	1		
		11		0.8
Vessels, Containers and Utensils	Ceramic	29	4.9	
	Glass	532	89.9	
	Iron	26	5.2	
	Metal	1		
	Plastic	4		
		592		45.9
Organic	Bone	73	76.0	
	Charcoal	2	24.0	
	Coal	2		
	Organic	2		
	Shell	9		
	Wood	8		
		96		7.5
Miscellaneous	Glass	48	60.7	
	Copper Alloy	2	16.5	
	Iron	7		
	Metal	4		
	Plastic	2	22.8	
	Stone	4		
	Unid. Material	12		
		79		6.2

	Bone	Brick/Mortar	Button	Ceramic	Charcoal	Coal	Copper	Foil	Glass, bottle	Glass, window	Glass, misc.	Golf ball	Iron	Marble	Metal	Nails, cut	Nails, wire	Nails, unidentifi	Nut shells	Plastic	Shell	Stone	Toy	Unidentified	Wood	TOTAL	PERCENT
A1)	4	6		2				1	59	28			1				2					1		1	1	106	8.2
	7	3		2				3	51	13	5		5	3	2	2	2	3		1		1	1	7	2	113	8.8
		3		2	1				8	1			2	1												18	1.4
	5	3							3	3	2					2										18	1.4
E1)	12	2	1	5				1	110	37	11		8	1	1		3	5		2	2	4		1		206	16.0
	1	1		1		1			18	14	6		5	1			2	2			2			1	4	59	4.6
									2	1		1		1												5	0.4
,3)	4	7		1					37	43	5		3			1	3	6	2	2		2				116	9.0
,4, 7,8)	16	3		6			2		41	41	7		12		2	3	2	18		1	1				1	156	12.1
	4	1							1	2	2						1	4				1				16	1.2
3)	10	3		2		1			142	131	17		5		1			14			1			2		329	25.6
									3	11			1										1			16	1.2
		1		1					41	28	2							4								77	6.0
	10	1		7	1				9	15								7			3					53	4.1

TABLE 4. Distribution of Functional Categories (FS1)

ctional Category	A	B	C	D	E
' are and ding Material (510)	brick/mortar 6 glass 28 nails 2	brick/mortar 3 glass 13 iron 1 marble 3 nails 7	brick/plaster 3 glass 1 marble 1	brick/mortar 3 glass 3 nails 2	plaster 2 glass 38 iron 1 marble 1 nails 8 stone 2
	36	27	5	8	52
	F	G	H	J	K
	brick/mortar 1 glass 14 marble 1 nails 4	glass 1 marble 1	mortar/plaster 7 glass 43 iron 2 nails 10 stone 2	mortar/plaster 3 glass 41 iron 2 metal 1 nails 23	mortar 1 glass 2 nails 5 stone 1
	20	2	64	70	9
	L	M	N	O	
	mortar/plaster 3 glass 131 iron 2 nails 14	glass 11	brick 1 glass 28 nails 4	mortar/plaster 1 glass 15 nails 7	
	150	11	33	23	

LE 4, continued

ctional Category	A	B	C	D	E
rsonal Items (11)	foil 1	foil 3 toy 1		bead 1	button 1 foil 1
	1	4	0	1	2
	F	G	H	J	K
	iron 1	golf ball 1			
	1	1	0	0	0
	L	M	N	O	
		toy 1			
	0	1	0	0	0

LE 4, continued

ıtional Category	A		B		C		D		E	
s, Containers d ensils (52)	ceramic glass iron	2 59 1	ceramic glass iron metal plastic	2 51 4 1 1	ceramic glass iron	2 8 2	glass	3	ceramic glass iron plastic	5 110 5 1
		62		59		12		3		121
	F		G		H		J		K	
	ceramic glass iron	1 21 3	glass	2	ceramic glass iron plastic	1 38 1 1	ceramic glass iron plastic	6 42 9 1	glass	2
		25		2		41		58		2
	L		M		N		O			
	ceramic glass	2 143	glass iron	3 1	ceramic glass	1 41	ceramic glass	7 9		
		145		4		42		16		

BLE 4, co..cinued

ctional Category	A	B	C	D	E
anic (96)	bone 4 wood 1	bone 7 wood 2	charcoal 1	bone 5	bone 12 shell 2
	5	9	1	5	14
	F	G	H	J	K
	bone 1 coal 1 shell 2 wood 4		bone 4 nut shell 2	bone 16 shell 1 wood 1	bone 4
	8	0	6	18	4
	L	M	N	O	
	bone 10 coal 1 shell 1			bone 10 charcoal 1 shell 3	
	12	0	0	14	

BLE 4, continued

nctional Category	A	B	C	D	E
scellaneous (9)	stone 1 unidentified 1	glass 5 metal 1 stone 1 unidentified 7		glass 1	glass 10 iron 2 metal 1 plastic 1 stone 2 unidentified 1
	2	14	0	1	17
	F	G	H	J	K
	glass 3 iron 1 unidentified 1		glass 4 plastic 1	copper 2 glass 6 iron 1 metal 1	glass 1
	5	0	5	10	1
	L	M	N	O	
	glass 16 iron 3 metal 1 unidentified 1		glass 2		
	22	0	2	0	

TABLE 5. Artifacts By Material Type (FS2)

Category	Number	Percent
Bone	9	24.3
Ceramic	3	8.1
Charcoal	1	5.5
Stone, object	1	
Glass*	19	51.3
Iron	2	10.8
Nails	2	

*Glass:

window	6	31.6
bottle	12	63.1
miscellaneous	1	5.3

	Bone	Ceramic	Charcoal	Glass, bottle	Glass, window	Glass, misc.	Iron	Nails, cut	Nails, wire	Stone	TOTAL	PERCENT
A1	3	1	1	10	5		2	1		1	24	64.9
A2	6	2		2	1	1			1		13	35.1
	9	3	1	12	6	1	2	1	1	1	37	100.0

TABLE 6. Artifact Distribution (FS2)

TABLE 7. Artifacts By Functional Category (FS2)

Functional Category	Material	Number	Percent of Total
Hardware	glass	6	
	iron	2	
	nails	2	
		10	27.0
Personal	stone, object	1	2.7
Vessels	glass	13	
	ceramic	3	
		16	43.3
Organic	bone	9	
	charcoal	1	
		10	27.0

TABLE 8. Distribution of Functional Categories (FS2)

Functional Category		A1		A2	
Hardware	(10)	glass	5	glass	1
		iron	2	nails	1
		nails	1		
			8		2
Personal	(1)			stone, object	1
					1
Vessels	(16)	ceramic	1	ceramic	2
		glass	11	glass	2
			12		4
Organic	(10)	bone	3	bone	6
				charcoal	1
			3		7

TABLE 9. Artifacts By Material Type (FS3)

Category	Number	Percent
Bone	18	14.6
Ceramic	6	4.9
Foil	1	3.2
Shell	3	
Unidentified Material	1	
Glass*	83	67.5
Iron	7	9.8
Nails	7	

*Glass:

window	22	26.5
bottle	57	68.7
frosted	2	4.8
miscellaneous	2	

	Bone	Ceramic	Foil	Glass, bottle	Glass, window	Glass, misc.	Iron	Nails, cut	Nails, wire	Nails, unidentified	Shell	Unidentified	TOTAL	PERCENT
A							1						1	0.8
A1	4	1		27	12	3	1	1				1	50	39.7
A2	14	5	1	31	10		5		3	3	3		75	59.5
	18	6	1	58	22	3	7	1	3	3	3	1	126	100.0
					83									

TABLE 10. Artifact Distribution (FS3)

TABLE 11. Artifacts By Functional Category (FS3)

Functional Category	Material	Number	Percent of category	Percent of total
Hardware	glass	22	75.9	
	nails	7	24.1	
		29		23.0
Personal	foil	1		0.8
Vessels	ceramic	6		
	glass	58	84.1	
	iron	5		
		69		54.8
Organic	bone	18		
	shell	3		
		21		16.6
Miscellaneous	glass	3		
	iron	2		
	unid. mat.	1		
		6		4.8

TABLE 12. Distribution of Functional Categories (FS3)

Functional Category	A	A1	A2
Hardware (29)		glass 12 nails 1	glass 10 nails 6
	0	13	16
Personal Items (1)			foil 1
	0	0	1
Vessels (69)		ceramic 1 glass 27 iron 1	ceramic 5 glass 31 iron 4
		29	40
Organic (21)		bone 4	bone 14 shell 3
	0	4	17
Miscellaneous (6)	iron 1	glass 3 unidentified 1	iron 1
	1	4	1

TABLE 13. Artifacts By Material Type (TTA)

Category	Number	Percent
Bone	10	3.1
Mortar	1	
Button	1	
Shell	2	1.6
Unidentified Material	1	
Ceramic	18	5.7
Glass*	238	75.1
Iron	9	
Metal	4	14.5
Nails	33	

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*Glass:		
window	45	18.9
bottle	177	74.4
opaque	4	6.7
miscellaneous	12	

	Bone	Mortar/Plaster	Button	Ceramic	Glass, bottle	Glass, window	Glass, misc.	Iron	Metal	Nails, cut	Nails, wire	Nails, uniden.	Shell	Unidentified	TOTAL	PERCENT
1a				1	10	1							1		13	4.1
2a	1			9	84	32	3	3	2			2	1	1	138	43.5
2b					9										9	2.9
3	9	1	1	8	74	12	13	6	2	2	5	24			157	49.5
	10	1	1	18	177	45	16	9	4	2	5	26	2	1	317	100.0
						238					33					

TABLE 14. Artifact Distribution (TTA)

TABLE 15. Artifacts By Functional Category (TTA)

Functional Category	Material	Number	Percent of category	Percent of tot
Hardware	mortar	1		
	glass	45	53.6	
	ceramic	1		
	metal	3		
	iron	1		
	nails	33		
		84		26.5
Personal	button	1		0.3
Vessels	ceramic	17		
	glass	182	88.3	
	iron	6		
	metal	1		
		206		65.0
Organic	bone	10		
	shell	2		
		12		3.8
Miscellaneous	glass	11		
	iron	2		
	uniden. mat.	1		
		14		4.4

TABLE 16. Distribution of Functional Categories (TTA)

Functional Category	1a		2a		2b		3	
Hardware and Building Materials	glass	1	ceramic glass metal nails	1 32 1 2			mortar glass metal iron nails	1 12 2 1 31
		1		36		0		47
Personal Items							button	1
		0		0		0		1
Vessels and Containers	ceramic glass	1 10	ceramic glass iron metal	8 85 2 1	glass	9	ceramic glass iron	8 78 4
		11		96		9		90
Organic	shell	1	bone shell	1 1			bone	9
		1		2		0		9
Miscellaneous			glass iron unidentified	2 1 1			glass iron	9 1

TABLE 17. Artifacts By Material Type (TTB)

Category	Number	Percent
Bone	13	15.7
Mortar/Plaster	1	
Coal	1	
Shell	2	7.1
Toy, marble	1	
Unidentified Material	1	
Ceramic	15	18.1
Glass*	35	42.2
Iron	3	
Nails	11	16.9

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*Glass:		
window	16	45.7
bottle	18	51.4
miscellaneous	1	2.9

	Bone	Mortar/Plaster	Ceramic	Coal	Glass, bottle	Glass, window	Glass, misc.	Iron	Nails, cut	Nails, wire	Nails, uniden.	Shell	Toy	Unidentified	TOTAL	PERCENT
1a	5		3		6	7	1		3	2	2		1		30	36.1
1b	2	1	6		3					1	2	1		1	17	20.5
1c	2		4	1	2	5		2				1			17	20.5
1d	4		2		7	4		1			1				19	22.9
	13	1	15	1	18	16	1	3	3	3	5	2	1	1	83	100.0

TABLE 18. Artifact Distribution (TTB)

TABLE 19. Artifacts By Functional Category (TTB)

Functional Category	Material	Number	Percent of category	Percent of total
Hardware	ceramic	4		
	mortar/plaster	1		
	glass	16	45.7	
	iron	3		
	nails	11		
		35		42.2
Personal	toy, marble	1		1.2
Vessels	ceramic	11	37.9	
	glass	18	62.1	
		29		34.9
Organic	bone	13		
	coal	1		
	shell	2		
		16		19.3
Miscellaneous	uniden. mat.	1		
	glass	1		
		2		2.4

TABLE 20. Distribution of Functional Categories (TTB)

Functional Category		1a		1b		1c		1d	
Hardware	(35)	ceramic	1	mortar/plaster	1	ceramic	1	ceramic	1
		glass	7	ceramic	1	glass	5	glass	4
		nails	7	nails	3	iron	2	iron	1
								nails	1
			15		5		8		7
Personal Items	(1)	toy	1						
			0		0		0		0
Vessels	(29)	ceramic	2	ceramic	5	ceramic	3	ceramic	1
		glass	6	glass	3	glass	2	glass	7
			8		8		5		8
Organic	(16)	bone	5	bone	2	bone	2	bone	4
				shell	1	coal	1		
						shell	1		
			5		3		4		4
Miscellaneous	(2)	glass	1	unidentified	1				
			1		1		0		0

TABLE 21. Artifacts By Material Type (BE)

Category	Number	Percent
Ceramic*	42	70.0
Copper Alloy	1	5.0
Spoons	2	
Glass**	14	23.0
Shell	1	2.0

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*Ceramic:		
transfer	14	33.4
earthenware	9	21.4
china	9	21.4
leadglaze	5	23.8
saltglaze	3	
edgeware	1	
banded ware	1	

**Glass:		
bottle	7	64.3
whole bottle	2	
stemware	2	
window	1	35.7
tumbler	1	
pressed	1	

	Ceramics	Copper	Glass	Shell	Spoons	TOTAL	PERCENT
BE1		1	4	1	2	8	13.3
BE2	31					31	51.7
BE3	4		4			8	13.3
BE4	7		6			13	21.7
	42	1	14	1	2	60	100.0

TABLE 22. Artifact Distribution (BE)

TABLE 23. Artifacts By Functional Category (BE)

Functional Category	Material	Number	Percentage
Vessels	ceramic	42	
	glass	13	
	spoons	2	
		57	95.0
Hardware	glass	1	5.0
Personal	copper alloy	1	
Miscellaneous	shell	1	

TABLE 24. Distribution of Functional Categories (BE)

Functional Category	BE1	BE2	BE3	BE4
Hardware				glass 1
	0	0	0	1
Vessels, Containers and Utensils	glass 4 spoons 2	ceramic 31	ceramic 4 glass 4	ceramic 7 glass 5
	6	31	8	12
Personal Items	copper 1			
	0	0	0	0
Miscellaneous	shell 1			
	1	0	0	0

Analysis of Vertebrate Fauna Recovered from Harper's Ferry

Michael B. Barber

The Harper's Ferry faunal sample was somewhat small, containing only 124 bones or bone fragments. Of this number, 68 elements or 54.84 percent of the total were isolated to species, genus, or family. This relatively high percentage probably reflects the field technique of retention by gross inspection as well as a supermarket economy where many elements discarded in preparation never reached the site. Both of these factors would tend to reduce the frequency of unidentifiable scrap from the sample. The inference relating to supermarket economy is reinforced through the dating of glass, ceramics, metal objects, and other artifacts which place the sample chronologically well into the twentieth century. Perhaps a better picture of subsistence for this period would be gained through research of the inventory of the A&P than through faunal analysis. The sample is interesting, however, in demonstrating the degree of compatibility between the true subsistence activity and the picture inferred from archaeological data. In this instance, the two appear highly consistent.

Referring to Table 1, it is apparent that the most important class utilized was the mammalian. Eighty-one percent of all bone recovered was from this group. The next most used classes were the birds with 11 percent and the fish with over 5 percent. This distribution seems entirely consistent with known twentieth century practices.

TABLE 1. Harper's Ferry - Faunal Distribution by Class

Class	Identified	Unidentifiable	Total	Percentage
Mammalia	53	48	101	81.45
Aves	9	5	14	11.29
Reptilia	0	2	2	1.61
Pisces	6	1	7	5.65
TOTAL	68	56	124	100.00
	54.84%	45.16%		

The species distribution is presented in Table 2. The cow supplied the most meat with chuck arm steaks between one and one-half inches thick being favored. Pork was also popular, represented by thick ham slices. Mutton was consumed in lower frequency. It is of note that most elements of these three species were butchered or sawn completely through. Table 3 presents the data for *Bos taurus* where 69.13 percent of the bones were altered in this manner. *Sus scrofa* elements were likewise butchered in 53.33 percent of the cases, as was *Ovis aries* in 30 percent. This again reflects the supermarket where elements removed with red meat usually reflect butchering.

Fowl were consumed represented by the expected turkey, chicken, and goose. *Meleagris gallopavo* seemed favored, having a minimum number of three (left tibio-tarsal), with *Chen, sp.* and *Gallus domesticus* with one apiece. Fish were also eaten but in low frequency.

Rattus rattus (black rat), a non-subsistence species, was also present, being represented by several elements and evidence of rodent gnawing on the bones of other species. Carnivore scavenging was totally absent suggesting that the garbage was sealed in some manner from dogs and cats.

Viewed as a whole, the sample appears to reflect fairly accurately the meat utilization of the twentieth century. When added to the non-faunal debris of tin cans, fruit jars, and glass beverage bottles, a familiar pattern is reconstructed.

TABLE 2. Harper's Ferry Fauna - Overall Species List

Species	Common Name	Number of Elements	Percentage
Mammalia	Mammal	53	77.94
Bos taurus	Cow	23	33.82
Sus scrofa	Swine	15	22.06
Ovis aries	Sheep	10	14.71
Sylvilagus floridana	Eastern Cottontail	1	1.47
Rattus rattus	Black Rat	4	5.88
Aves	Bird	9	13.24
Meleagris gallopavo	Turkey	5	7.36
Chen, sp.	Goose	1	1.47
Gallus domesticus	Chicken	3	4.41
Pisces	Fish	6	8.82
Catostomidae	Sucker	6	8.82
TOTAL		68	100.00

TABLE 3. Harper's Ferry - Butchering Evidence on *Bos taurus* Remains

Element	Number of Butcher Marks	Number Sawn Through
Cranial fragments	1	-
Scapula	-	1
Humeral diaphysis	-	1
Rib	-	4
Vertebra	-	1
Lumbar vertebrae	-	3
Femoral diaphysis	-	4
Tarsal	-	1