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JMA 2005

Archeological Investigations:

Conference House Park  
Staten Island, New York

Addendum Report:  
Biddle House and  
Wood/Leven House  
Landscape Improvements



prepared by

John Milner Associates, Inc.

ARCHITECTS ■ ARCHEOLOGISTS ■ PLANNERS

**ARCHEOLOGICAL INVESTIGATIONS:  
CONFERENCE HOUSE PARK  
STATEN ISLAND, NEW YORK**

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**ADDENDUM REPORT:  
BIDDLE HOUSE AND WOOD/LEVEN HOUSE  
LANDSCAPE IMPROVEMENTS**

Prepared for

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## 1.0 INTRODUCTION

### 1.1 PURPOSE AND ORGANIZATION OF THE REPORT

This report presents the results of archeological investigations conducted by John Milner Associates, Inc. (JMA) during September–October 2004 associated with proposed landscape improvements in the vicinity of the Biddle and Wood/Leven (or Ward) houses, located within Conference House Park, Staten Island, New York (Figure 1).

In 2003, the New York City Department of Parks and Recreation (DPR) undertook a project to construct a number of improvements within Conference House Park (the Park). These improvements included construction of pathways, fencing along the periphery of the Park, planting of trees, relocation of a garden at the Conference House, landscaping, provision of utilities connections, and construction of a playground. JMA conducted archeological investigations in association with these proposed improvements, the results of which are presented in a previous report (Pickman et al. 2004, hereafter JMA 2004).

In August 2004, DPR contacted JMA and requested that supplemental archeological investigations be conducted at the locations of proposed landscaping improvements and plantings in the yard areas associated with the Biddle and Wood/Leven (#96 Satterlee Street) houses located in the northern portion of the Park. Results of previous (JMA 2004) testing in the vicinity determined that these yard areas were archeologically sensitive. An archeological protocol, or testing plan, was developed for this supplemental archeological work and submitted to DPR prior to the conduct of archeological field investigations. The protocol for the supplemental work is included as Appendix A of this report.

The present report is an addendum to JMA's 2004 report. Background information regarding the prehistory and history of the park, the rationale for testing strategies, and detailed discussions of the results from the previous archeological work will not be repeated herein but are instead incorporated by reference. This addendum report makes direct reference to specific information presented in the JMA 2004 report without elaborate preamble or introduction. The addendum report also mirrors the previous report in organization, particularly in reference to the Appendices. The Appendices in this report are presented so as to be compatible and able to be incorporated into the Appendices in the JMA 2004 report. For instance, "Appendix C: Field Photographs" in the JMA 2004 report includes Plates C1–C52; Appendix C in this report begins with Plate C53 and continues the sequence.

### 1.2 FIELD AND LABORATORY METHODS

The supplemental archeological investigations were conducted between September 28 and October 12, 2004. Fieldwork included the excavation of 29 shovel test units, (STUs) and two (2) three-by-three foot excavation units (EUs), as well as monitoring of pavement removal within the Biddle House driveway. Archeological field and laboratory methods used for the supplemental investigations were consistent with the methodologies described in the JMA 2004 report.

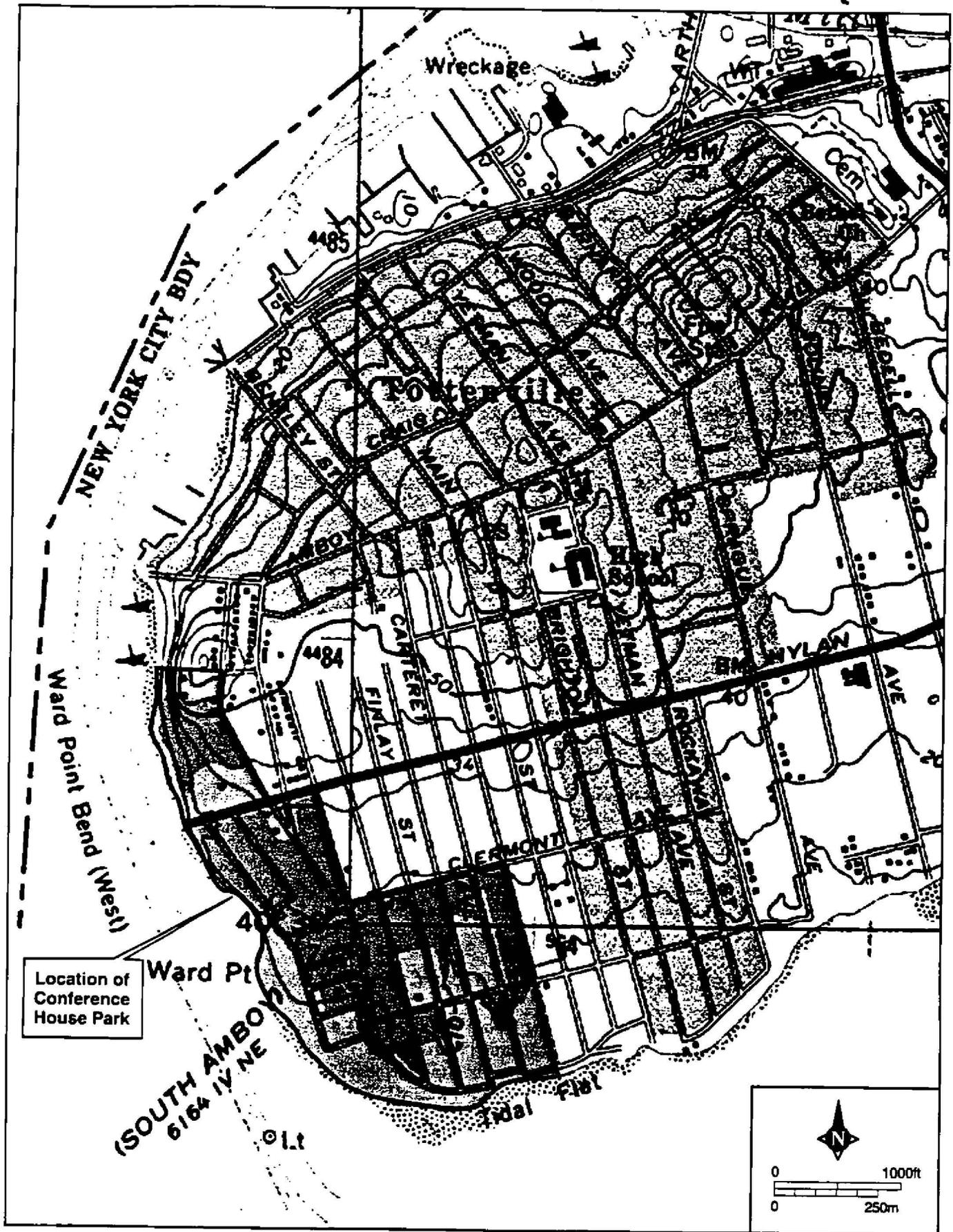


Figure 1. Detail of the Arthur Kill, N.Y./N.J. 7.5-minute quadrangle depicting the location of Conference House Park.

## 2.0 FIELD TESTING RESULTS

Archeological testing areas were defined according to proposed construction activities as set forth in the archeological testing protocol (Appendix A). Illustrations and photographs depicting the soil stratigraphy within each 3-foot-by-3-foot excavation unit (EUs C8.09 and C8.10) are included as Appendix B. Photographs depicting field conditions in the vicinity of archeological test units are included as Appendix C. Photographs of selected artifacts discussed in the report are included as Appendix D. Stratigraphic profiles for each STU and EU excavated during the supplemental field investigations are included in tabular format as Appendix E. The complete artifact inventory of all materials recovered is included in tabular format as Appendix F. An inventory of recovered faunal remains (animal bones) is included as Appendix G.

All archeological test units discussed in the present report were located within Archeological Testing Area C, defined in the 2004 JMA report as the yard areas associated with the Biddle and Wood/Leven houses. Shovel test transects or groupings of excavation units within this area were assigned a number (e.g., "Transect C5"). Units within each transect or group were designated by the transect label followed by a sequential number (e.g., "STU C5.01"). These designations are used throughout the discussion of results in this report.

The locations of the supplemental testing areas relative to the previously reported testing areas are shown on Figure 2. The locations of the shovel test units, excavation units, and monitored areas discussed in this report are shown on Figure 3. Table 1 summarizes the relationship between supplemental archeological test units and proposed landscaping activities.

Table 1. Designation of Supplemental Archeological Testing Areas Relative to Proposed Landscaping Activities.

Area/Transect	Testing	Units	Proposed Disturbance/Construction Activity
C5	11 STUs (18")	C5.01–C5.11	Plantings (bushes/perennials) along northern perimeter of Biddle House yard
C6	5 STUs (18")	C6.01–C6.05	Plantings (perennials) south of caretaker's house and parking lot
C7	5 STUs (18")	C7.01–C7.05	Plantings (trees) and buried back-check tank (RPZ) for Biddle lawn irrigation system
C8	8 STUs (18"); 2 EUs (3'x3')	C8.01–C8.10	Plantings (trees) along northern/western perimeter of Wood/Leven lawn

The results of the archeological investigations for each area are summarized below. Discussions of soil stratigraphy observed in archeological tests refer to all depth measurements in inches below ground surface (bgs).

### 2.1 AREA C5 – BIDDLE HOUSE YARD (NORTHERN PERIMETER)

JMA Archeological Testing Area C5 designates shovel test units (STUs) excavated along the northern perimeter of the Biddle House yard (Figure 2). Proposed disturbances in this area include the planting of shrubs (*Rhododendron*) and assorted perennials. JMA excavated eleven shovel test units at 25-foot intervals (STUs C5.01–C5.11) along a transect located five feet south of the chain link fence that defines the northern boundary of the Park (Plates C53–C55; Figure 3).

Soils observed in STU C5.01 (located 15 feet west of Satterlee Street) included very dark brown sandy loam organic horizon (Stratum I; 0–4" bgs), underlain by dark brown loamy sand that likely represents previously cultivated or plowed soils (Stratum II; 4–17" bgs), a deposit of strong brown sand (Stratum III; 17–34" bgs) that blondes and coarsens to light brown sand with gravel (Stratum IV; 34–37" bgs), and light brown mottled with strong brown clay subsoil (Stratum V; 37–40.5" bgs). The remaining STUs along transect C5 exhibited relatively uniform soil stratigraphy. However, the strong brown sand deposit (Stratum III) deepens to the west from Satterlee Street. The underlying clay subsoil was not observed in any of the other STUs along transect C5 despite excavating these units to depths of at least 47" bgs.

JMA recovered prehistoric lithic debitage from STUs C5.02, C5.04, C5.06, C5.08, C5.09, and C5.10 (Table 2; Figure 3; Appendix F). The types of lithic materials recovered from STUs C5.01–C5.11 included chert (10 flakes), jasper (8 flakes), and quartz (1 flake). No projectile points or pottery sherds were recovered from these units. The density of lithic materials consisted of between one and seven flakes per STU; all of the lithic materials derived from the dark brown sandy loam plowzone (Strata I and II) or from the upper 12-inches of the underlying strong brown sand (Stratum III).

Table 2. Prehistoric Materials Recovered from Archeological Testing Area C5.

Unit	Stratum	Context	Prehistoric Period Artifacts	Historic Period Artifacts
C5.02	III	Strong brown sand 17–45" bgs (Appendix F: Lot 537)	2 chert flakes	-
C5.04	II	Dark brown sandy loam 5–24" bgs (Appendix F: Lot 542)	1 jasper flake, 1 quartz flake	3 bottle glass, 2 flat glass, 2 nails, 1 brick fragment, 1 flowerpot sherd, 1 misc. metal, 1 misc. plastic
	III	Strong brown sand 24–56" bgs (Appendix F: Lot 543)	3 chert flakes	1 lamp chimney glass
C5.06	II	Dark brown sandy loam 5–15" bgs (Appendix F: Lot 548)	2 chert flakes, 1 jasper flake	1 flow-blue whiteware
C5.08	III	Strong brown sand 17–47" bgs (Appendix F: Lot 555)	1 jasper flake	-
C5.09	I	Very dark brown sandy loam 0–12" bgs (Appendix F: Lot 556)	1 chert flake	1 misc. plastic, 2 bottle glass
C5.10	II	Dark brown sandy loam 6–15" bgs (Appendix F: Lot 559)	4 jasper flakes, 1 chert flake, 1 fragment FCR	1 flat glass, 1 brick fragment
	III	Strong brown sand 15–49" bgs (Appendix F: Lot 560)	1 jasper flake, 1 chert flake	2 bottle glass

While small amounts of very fragmented clam and oyster shell were collected or observed in these units, sizable deposits representing a midden (comparable to other areas within the Park) were not observed in this area. JMA also recovered a small sample of historic-period materials consisting of sherds and fragments of nineteenth-and-twentieth-century bottle glass, window glass, ceramics, or metal from the plowzone and overlying humus (Strata I–II) in all of these STUs.

## 2.2 AREA C6 – PLANTINGS SOUTH OF CARETAKER'S HOUSE

JMA Archeological Testing Area C6 designates STUs excavated in association with proposed plantings (shrubs and perennials) in the vicinity of the paths intersection located west of the

Wood/Leven house, south of the caretaker's house, and southeast of the garage associated with the Rutan/Felch house (Figure 2). Previous reconnaissance of this area identified a nineteenth-century refuse midden (surface scatter) located on the previously overgrown, sloped area south of the garage. Prior to the archeological testing the area had been "cleared and grubbed" by the DPR contractor resulting in total surface visibility. JMA personnel observed numerous fragments and sherds of ceramic and glass vessels on the sloped ground surface west of the existing path (Plates C56–C57). Many of these sherds appeared to have suffered recent additional breakages likely associated with the use of machines during the recent clearing and grubbing activities.

JMA excavated five STUs (C6.01–C6.05; Figure 3) in this area to determine whether the nineteenth-century sheet midden included subsurface components, as well as to investigate the possibility of prehistoric deposits in this area. Soils observed in these STUs included dark brown and very dark grayish brown sandy loam organic horizon (Stratum I) to a depth of 2.5–5" bgs, underlain by reddish brown mixed with gray sandy loam and clay loam horizon of compact, disturbed soils (Stratum II) extending between 8.5" and 12" bgs, and reddish brown sand or sandy clay with gravel subsoil (Stratum III). The absence of developed loamy deposits and deep sands in this area (comparable to other areas within the Park) indicate that the area had been stripped (or the near-surface soils washed away or eroded) during the historic-period use of the property.

Artifacts recovered from STUs C6.01–C6.05 included fragments of mid-to-late-nineteenth-century glass and ceramic vessels, as well as window glass, nails, and miscellaneous metal fragments. Diagnostic ceramic sherds recovered from the STUs and observed on the surface in the vicinity included whiteware and ironstone with a variety of common mid-nineteenth-century decorative motifs (e.g., blue, brown, and black transfer-prints; blue/brown annular slipwares). Numerous fragments of mold-blown amethyst (manganese-tinted) bottle glass (ca. 1880–1915) were also recovered. Most of the artifacts were recovered from the surface or first Stratum (0–5" bgs) at each of these STU locations.

Prehistoric materials recovered from this area included 1 chert flake from STU C6.04 (Stratum I) and 1 jasper flake from STU C6.05 (Stratum I). Both of these flakes were recovered from previously disturbed, near-surface contexts.

### 2.3 AREA C7 – SOUTH OF SHORE ROAD

JMA Archeological Testing Area C7 designates STUs (C7.01–C7.05) excavated in the vicinity of Shore Road, west of Satterlee Street (Figures 2–3; Plates C58–C59). STU C7.01 was excavated in the approximate location of a proposed valve associated with an irrigation system associated with the Biddle House lawn. This valve would be connected to an existing water main located under Shore Road. STU C7.05 was excavated due north of the proposed location of the valve, on the opposite side of Shore Road where a connection will be installed for the proposed irrigation system. STUs C7.02–C7.04 were excavated in the proposed locations for new trees in the vicinity.

Soil stratigraphy observed in STU C7.01 included very dark brown sandy loam topsoil (Stratum I; 0–6.5" bgs), underlain by dark brown sandy loam plowzone (Stratum II; 6.5–15" bgs), strong brown sand (Stratum III; 15–39" bgs), and reddish brown sandy clay subsoil (Stratum IV; 39–42" bgs). Soils in the other units in this area were relatively similar, however the subsoil was not

reached in STUs C7.02–C7.04 despite excavating to these units to depths of 48 inches or more. Each of the other STUs exhibited lightening (or blinding) towards the lower depths of the strong brown sand.

JMA recovered prehistoric materials from STUs C7.01–C7.04 (Table 3) including flakes, fragments of fire-cracked-rock (FCR), and a single sherd of sand-tempered pottery (STU C7.03, Stratum II). Prehistoric materials recovered from Strata I–II were in association with fragments of window glass, bottle glass, and metal hardware, as well as trace quantities of clam and oyster shell fragments. Lithic materials were also recovered from the underlying sand in all of these units. The single flakes recovered from the lower sand deposits (Stratum IV) in STUs C7.02 and C7.03 indicate either a deeper, older archeological deposit or the vertical movement of materials because of post-depositional processes. No prehistoric materials were recovered from the single STU (C7.05) excavated on the north side of Shore Road.

**Table 3. Prehistoric Materials Recovered from Archeological Testing Area C7.**

Unit	Stratum	Context	Prehistoric Period Artifacts	Historic Period Artifacts
C7.01	II	Dark brown sandy loam (plowzone) 6–15" bgs (Appendix F: Lot 576)	1 chert flake	1 flat glass
	III	Strong brown sand 15–39" bgs (Appendix F: Lot 577)	2 chert flakes	-
C7.02	I	Very dark brown sandy loam 0–7" bgs (Appendix F: Lot 578)	1 jasper flake	2 bottle glass
	II	Dark brown sandy loam (plowzone) 7–14" bgs (Appendix F: Lot 579)	1 fragment FCR	-
	III	Dark brown sand 14–48" bgs (Appendix F: Lot 580)	1 chert flake	-
	IV	Yellowish red sand 48–50" bgs (Appendix F: Lot 581)	1 chert flake	-
C7.03	I	Very dark brown sandy loam 0–6" bgs (Appendix F: Lot 582)	1 chert flake	5 flat glass, 2 bottle glass, 1 lamp chimney glass
	II	Brown sandy loam (plowzone) 6–19" bgs (Appendix F: Lot 583)	1 pottery sherd, 1 fragment FCR	1 nail
	IV	Light brown fine sand 37–58" bgs (Appendix F: Lot 585)	1 chalcedony flake	-
C7.04	III	Strong brown sand 12–28" bgs (Appendix F: Lot 588)	2 chert flakes, 1 fragment FCR	-

## 2.4 AREA C8 – WOOD/LEVEN HOUSE YARD (NORTHERN PERIMETER)

Area C8 designates archeological tests excavated in association with proposed plantings (trees) located along the northern perimeter of the Wood/Leven house yard (Figure 2). These tests included STUs (C8.01–C8.08) at 25-foot intervals proceeding west from Satterlee Street, approximately 85-feet north of the Wood/Leven house (Figure 3; Plates C60–C62). STUs C8.01 and C8.02 were in the immediate vicinity of the former location of a small, dilapidated house (built on posts without a foundation)(formerly #90 Satterlee Street) that had been demolished by DPR in June 2004. Subsequent to the demolition of the house, the DPR contractor spread and compacted a layer of fill across the former yard area around the dilapidated structure.

Soil stratigraphy observed in STU C8.01 included a layer of dark grayish-brown compact fill (Stratum I) to a depth of 8.5" bgs, underlain by dark brown sandy loam (8.5–18.5" bgs) buried

organic horizon (Stratum II, Level 1) and plowzone (Stratum II, Level 2), and strong brown sand (Stratum III; 18.5–36" bgs). Artifacts recovered from Stratum I in STUs C8.01–C8.02 included brick fragments, tile, modern bottle glass, window glass, plastic, plain ironstone, and a ceramic marble. These materials may have been associated with the recently demolished house or included in soils brought to this area from other locations. The soil was not screened and no additional artifacts were recovered from the fill layer in the other units located in the vicinity. Stratum II in STUs C8.01–C8.03 included highly fragmented clam and oyster shell as well as mixed prehistoric and historic/modern artifacts, indicating that the vicinity was previously cultivated. The dark brown sandy loam (Stratum II) continued in STUs located further west (STUs C8.04–C8.06), however the greater relative quantities of unbroken shells and absence of historic and modern materials suggest less historic disturbance in this area. Stratum III graded into lighter-colored and finer-textured sand (Stratum IV) at depths of 40–45" bgs in STUs C8.02–C8.06.

Artifacts recovered from STU C8.01 (Table 4) included 10 flakes and 8 sherds of pottery in association with a plastic tag, plastic castor, ceramic electrical insulator, ceramic tile, and 15.4 ounces of very fragmented shell from the dark brown sandy loam plowzone (Stratum II). An additional 10 flakes and 3 pottery sherds were recovered from the underlying sand (Stratum III).

Table 4. Prehistoric Materials Recovered from Shovel Test Units C8.01–C8.08.

Unit	Stratum	Context	Prehistoric Period Artifacts	Historic Period Artifacts
C8.01	II (1)	Dark brown sandy loam (topsoil) 8.5–12" bgs (Appendix F: Lot 591)	1 chert flake, 1 jasper flake	1 misc. plastic, 1 tile
	II (2)	Dark brown sandy loam (plowzone) 12–18.5" bgs (Appendix F: Lot 592)	4 chert flakes, 4 jasper flakes, 8 pottery sherds	1 plastic hardware, 1 ceramic hardware
	III	Strong brown sand 18.5–36" bgs (Appendix F: Lot 593)	7 chert flakes, 3 jasper flakes, 3 pottery sherds	-
C8.02	II	Dark brown sandy loam (plowzone) 15–24" bgs (Appendix F: Lot 595)	1 chert flake	5 flat glass, 1 nail, 1 brick fragment
	III	Strong brown sand 24–40" bgs (Appendix F: Lot 596)	1 chert flake, 4 pottery sherds	-
C8.03	II	Dark brown sandy loam (plowzone) 10.5–22" bgs (Appendix F: Lot 597)	4 chert flakes, 2 jasper flakes	4 window glass, 2 plain whiteware
	III	Strong brown sand 22–43" bgs (Appendix F: Lot 598)	3 chert flakes, 1 jasper flake	-
C8.04	II	Dark brown sandy loam 12–24" bgs (Appendix F: Lot 599)	4 chert flakes	1 ceramic hardware, 1 nail, 1 misc. metal
	III	Strong brown sand 24–44" bgs (Appendix F: Lot 600)	1 chert flake 1 pottery sherd	-
C8.05	II	Dark brown sandy loam 9–16.5" bgs (Appendix F: Lot 601)	1 fragment FCR	-
	III	Strong brown sand 16.5–42" bgs (Appendix F: Lot 602)	1 jasper flake, 1 pottery sherd	-
C8.06	III	Strong brown sand 18–32" bgs (Appendix F: Lot 604)	1 chert flake, 2 fragments FCR	2 window glass
C8.07	II	Dark brown sandy loam 3.5–10" bgs (Appendix F: Lot 606)	4 chert flakes, 1 pottery sherd	1 bottle glass
	III	Strong brown sand 10–34" bgs (Appendix F: Lot 607)	1 jasper flake	-
C8.08	III	Strong brown sand 22–38" bgs (Appendix F: Lot 609)	1 chert flake	3 plaster fragments

Artifacts recovered from the other STUs in Area C8 included 2 flakes and 4 pottery sherds in association with 55.47 ounces of shell from C8.02, 10 flakes and 22.6 ounces of shell from C8.03, and 5 flakes, 1 pottery sherd, and 47.05 ounces of shell from C8.04. The shell within STU C8.04, Stratum II exhibited relatively little breakage and greater numbers of identifiable valves (n=55), indicating that the shell midden was less disturbed in this location than in the areas to the east. Generally lower numbers of artifacts accompanied by trace quantities of shell fragments were recovered from STUs C8.05–C8.08 (Table 4; Appendix F).

The quantities of artifacts recovered from, and density of shell observed in, STUs C8.01–C8.04 indicate a relatively high-artifact-density shell midden deposit. JMA excavated two 3-foot-by-3-foot excavation units (EUs C8.09 and C8.10) at proposed tree-pit locations in the immediate area to further investigate the shell deposit and associated artifact assemblage. EU C8.09 was excavated 6 feet west of STU C8.01. This location was selected because of the high quantity of prehistoric artifacts (20 flakes and 11 pottery sherds) and shell density recovered from C8.01. EU C8.10 was excavated midway between STUs C8.03 and C8.04. This location was selected because of the high shell density, as well as the apparent undisturbed nature of the shell deposit, observed within STU C8.04, Stratum II. The stratigraphic sequence and summary of recovered materials from these two excavation units are presented in Table 5.

Table 5. Area C8 Excavation Unit Summaries.

Unit	Stratum (Level)	Context	Lithics	Pottery	FCR	Historic	Bone	Shell (oz.)
C8.09	II	Dk brown sandy loam (topsoil) 8–11" bgs	1	-	-	8	1	9.9
	III (1)	Dk brown sandy loam (plowzone) 11–14.5" bgs	7	1	-	9	-	29.5
	III (2)		-	-	-	-	19.10	
	IIIA	Intrusive fill deposit, SE corner only	-	-	-	3	7	12.15
	IV	Dk brown sandy loam (midden) 14.5–19.5" bgs	12	1	-	-	33	75.3
	V (1)	Dk yellowish brown sand 19.5–29.75" bgs	6	1	5	1	16	16.45
	V (2)		1	-	3	1	-	1.2
	VI (1)		4	1	-	-	1	-
	VI (2)	Strong brown sand 29.75–50" bgs	3	-	-	-	-	-
	VI (3)		-	-	-	-	-	-
<b>C8.09 Unit Total</b>			<b>34</b>	<b>4</b>	<b>8</b>	<b>22</b>	<b>57</b>	<b>163.60</b>
C8.10	II (1)	Dk brown sandy loam (topsoil) 10–14.5" bgs	3	-	-	5	-	24.5
	II (2)	Dk brown sandy loam (midden) 14.5–19" bgs	9	-	-	1	-	105.95
	III (1)	Brown sandy loam 19–27" bgs	11	3	-	-	-	2.9
	III (2)		7	1	-	-	-	
	IV (1)	Strong brown sand 27–45" bgs	7	3	-	-	-	-
	IV (2)		10	-	-	-	-	-
IV (3)	2		-	-	-	-	-	
<b>C8.10 Unit Total</b>			<b>49</b>	<b>7</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>133.35</b>

#### 2.4.1 EXCAVATION UNIT C8.09

EU C8.09 provides a more refined view of the stratigraphy and relationship of deposits in this area (Figure B-29). The recent fill deposit (Stratum I) extended to 8" bgs and overlay a buried organic (A<sub>0</sub>) horizon. The buried ground surface and underlying dark brown sandy loam (Strata II–III; 8–14.5" bgs) included historic materials (8 mortar, 4 glass vessel, 1 window glass, 2 nails, 1 ceramic tile, and 1 whiteware fragments), clam and oyster shell fragments (58.5 oz.), and flakes (4 jasper, 3 rhyolite, 1 chert). A single sherd of Native American pottery was also recovered from Stratum III, Level 1 (Plate D-19). This sherd represents the shoulder of a vessel that is decorated

with a pattern of parallel, incised lines and resembles types from the East River ceramic tradition (Late Woodland Period). The commingling of prehistoric and historic artifacts and the highly fragmented character of the shell indicate that Stratum III represents the upper, near-surface, and disturbed portion of the shell midden deposit

The remaining undisturbed portion of the shell midden deposit (Stratum IV) extended 14.5–19.5" bgs. Stratum IV included 75.3 oz. of shell (characterized by numerous intact valves), 33 pieces of very fragmented animal bone, 1 sherd of pottery (cord-marked body sherd), 11 flakes (7 chert, 3 rhyolite, 1 jasper), and a rhyolite Levanna point (Plate D-15). The Levanna point provides a date range of the late Middle Woodland through Late Woodland Period for the midden deposit.

An intrusive feature (Stratum IIIA) in the southeast corner of the unit extended from the base of Stratum II, through the shell midden, to 20.75" bgs. Stratum IIIA was grayish brown compact sand with 12.15 oz. of shell fragments, 7 highly fragmented and burned pieces of bone (indeterminate species), 1 lamp-chimney sherd, 1 nail, and 1 white ball-clay pipe-stem fragment. This deposit appears to represent a small pit or possible post-hole associated with the nineteenth- and/or-twentieth-century occupation of the property.

Dark yellowish brown sand (Stratum V; 19.5–29.75" bgs) formed a transitional horizon between the overlying midden deposit and underlying strong brown sand (Stratum VI; 29.75–50" bgs). Artifacts recovered from Stratum V included flakes (5 chert, 2 jasper), 8 fire-cracked-rock fragments, 18.65 oz. of shell fragments, 15 pieces of very fragmented animal bone (indeterminate species), 1 fragment of white-tailed deer (*Odocoileus virginianus*) astragalus, 1 sherd of Native American pottery (undecorated, sand-tempered), 1 sherd of amber bottle glass, and 1 fragment of window glass. The two small glass fragments were likely intrusive artifacts that migrated down from the overlying deposit due to the action of roots or burrowing animals. Fewer artifacts were recovered from the strong brown sand, including 4 flakes (2 chert, 2 jasper) and 1 sand-tempered, undecorated pottery sherd from Stratum VI, Level 1, and 3 flakes (2 jasper, 1 chert) from Stratum VI, Level 2. No artifacts were recovered from Stratum VI, Level 3 (42.75–50" bgs).

#### 2.4.2 EXCAVATION UNIT C8.10

The stratigraphy observed in EU C8.10 was generally similar to that documented for C8.09 (Figure B-30), however, this unit exhibited less evidence for historic-period disturbance. In EU C8.10, the recent fill (Stratum I) extended to 10" bgs and was underlain by a buried organic ( $A_0$ ) horizon (Stratum II, Level 1; 10–14.5" bgs). The buried  $A_0$  horizon included the upper, near-surface portion of the underlying shell midden. Artifacts recovered from Stratum II, Level 1 included 24.5 oz. of shell fragments, 3 flakes (2 chert, 1 jasper), 2 nails, and 3 fragments of window glass.

The shell midden deposit directly underlay the buried  $A_0$  horizon in this unit. Unlike EU C8.09, a thicker deposit of mixed shell fragments, historic, and prehistoric materials was not observed in EU C8.10. The organically rich, loamy midden layer (Stratum II, Level 2; 14.5–19" bgs) included 105.95 oz. of shell fragments. The relatively greater density of intact valves observed at this location suggests that the western portions of the shell deposit have experienced minimal previous disturbance. Artifacts recovered from the midden layer include 5 jasper flakes, 3 chert flakes, 1 nail (assumed to be intrusive), and a chert projectile-point fragment. The base is broken-

off of the point fragment (Plate D-16), however the recovered portion appears to represent a side-notched projectile-point of indeterminate type.

As in EU C8.09, a transitional layer of darker brown sand (Stratum III; 19–27" bgs) separated the shell midden in EU C8.10 from the underlying strong brown sand (Stratum IV; 27–45" bgs). Artifacts recovered from Stratum III (see Table 6) include 16 flakes (9 jasper, 3 chert, and 3 rhyolite), 4 pottery sherds (Plate D-20), a chert cobble-core (Plate D-17), and a jasper projectile-point fragment (a broken-off tip). Artifacts recovered from Stratum IV include 18 flakes (9 jasper, 5 chert, 2 rhyolite, 2 quartz), 3 pottery sherds, and a large jasper biface (Plate D-18). The small quantities of shell (2.9 oz.) observed in Stratum III, Level 1 (and complete absence of shell below that level) indicates very little vertical movement or mixing of the shell deposit in this area.

## 2.5 ARCHEOLOGICAL MONITORING – BIDDLE HOUSE DRIVEWAY

On September 28 and 29, 2004, JMA monitored pavement stripping within the driveway of the Biddle House. The monitoring was conducted in association with re-paving of the driveway. Work performed consisted of machine stripping of the asphalt paving by machine (Plate C-63). A thin (2–3" in depth) deposit of gray sand provided the level bedding for the existing pavement. Ground disturbance associated with the pavement stripping was limited to occasional "tooth-marks" into the underlying brown sand. The only possible indication of archeological materials observed during the monitoring was scattered shell on the surface of the brown sand in the approximately 15-foot-diameter-area located within the driveway immediately south of the existing circular planting bed (Plate C-64).

### 3.0 SUMMARY, INTERPRETATIONS, AND RECOMMENDATIONS

#### 3.1 BIDDLE HOUSE YARD (AREAS C5 AND C7)

Previous archeological work conducted within the Biddle House yard included five STUs excavated in 2004 along the eastern perimeter of the lawn parallel to Satterlee Street (STUs C4.1–C4.5; JMA 2004:31–32) and five STUs excavated in 1984 within the lawn area between 15 and 30 feet west of Satterlee Street (Pickman and Yamin 1984; Pickman 1997). These earlier STUs resulted in the recovery of chert and jasper debitage flakes, fire-cracked-rock (FCR), and a corner-notched projectile point in association with only trace quantities of shell fragments. The projectile point was tentatively identified as either a Brewerton Corner-Notched (Late Archaic) or Jack's Reef Corner-Notched (Middle Woodland) type. Regarding the ca. 1984 finds:

The prehistoric finds on the Biddle property may be part of a more extensive locus of prehistoric occupation. An additional shovel test (AN-4), located on the lawn of #46 Satterlee Street, immediately north of the Biddle property (and north of the Park boundaries), yielded two flakes from the orange sand and two additional flakes from an overlying layer of fill which apparently was associated with grading of the property. The owner of this property told the excavators that there is an "Indian village site out in back," which refers to an overgrown lot that sloped down the bluff above the Arthur Kill (Pickman 1997:16).

During JMA's fieldwork, local property owners and passersby also referred to arrowheads and other artifacts being recovered along the bluff located west of Satterlee Street and extending north from the Biddle House yard. This area is densely developed with residences. These bluff-top archeological deposits have not been formally excavated or studied, but previous researchers have noted their location and potential significance:

As noted above, indications of prehistoric occupation within the Park boundaries continue along the bluff top overlooking the Arthur Kill north of the area included within the National register District... The pattern of the finds discussed above suggests that the entire Tottenville bluff-top area may have been the locus of prehistoric camp sites and/or scattered dwellings, with a larger, more permanent occupation at Ward's Point (Pickman 1997:19).

STUs C5.01–C5.11 and C7.01–C7.04 provide additional survey data for the areas located along the northern edge of the Biddle House lawn (Transect C5) and undisturbed area south of Shore Road (Transect C7). The presence of prehistoric artifacts in these STUs indicate that the archeological deposit identified during the previous surveys extends west from Satterlee Street, and likely occupies the entirety of the Biddle House lawn. Temporally diagnostic materials reported for the Biddle property include the corner-notched projectile-point recovered during the 1984 survey and a single sherd of fine-sand-tempered pottery recovered from STU F7.03, Stratum II. Only trace quantities of shell (typically less than a handful of small fragments in any given STU) were observed in the archeological tests in this area. Based on the available archeological data, it appears that the prehistoric deposits located east and north of the Biddle House lack the extensive shell-midden deposits documented in the vicinity of the Wood/Leven and Billop (Conference) houses.

As described in the archeological work plan (Appendix A: Item 1), DPR proposes to install a new irrigation system within the Biddle House lawn. The DPR Resident Engineer explained to JMA field personnel that the irrigation would be installed as a network of 1-2" diameter, flexible, plastic lines that will lay approximately 8" bgs. Vertical excavations associated with the installation of this system were described as being limited to a small number of holes not to exceed a diameter of one foot. The lines will be installed via lateral boring from these 1-foot-diameter holes. The number and locations of these holes was undetermined at the time of JMA's archeological fieldwork.

According to the verbal description of the methods to be used during the installation of the irrigation system, it is the opinion of JMA that the network of waterlines is likely to result in only very limited disturbance to any prehistoric deposits that may be present within the Biddle lawn. However, the yard east of the Biddle House may represent the largest contiguous undisturbed portion of what was once a much larger site extending north along the bluff top overlooking the Arthur Kill. Any future proposed work in the Biddle House yard should take into account the possibility that intact and significant archeological deposits are likely located throughout the property.

### 3.2 NINETEENTH-CENTURY MIDDEN (AREA C6)

Property records and historical maps indicate that a second structure formerly stood within the property associated with existing Wood/Leven House. The second structure was a small house built before 1849 that stood until ca. 1937, located west of the Wood/Leven house and south of the existing "caretaker's house" – in the vicinity of STUs C6.05 and C8.06–C8.08 (Pickman 1997:66–67, Figures 26a, 31a). While no structural or foundation remains were identified, the vicinity of the former house location does appear superficially disturbed with divots, turned-over soils, and hummocks (Plate C-61). Artifacts recovered from STUs and observed on the ground surface in this area included transfer-print whiteware sherds and fragments of embossed bottles consistent with the dates of occupation for the house. The scattered mid-nineteenth-century midden deposit documented in (and on the surface in the vicinity of) STUs C6.01–C6.05 would have been located immediately west of the map-documented structure.

JMA field personnel did not collect the nineteenth-century artifacts scattered on the surface. This was partially because of concerns that sufficient funds were not available to catalog and analyze the assemblage, but also because the extent of proposed disturbance in this area did not warrant the removal of the feature. Proposed landscaping work in this area includes planting of both shrubs and perennials. While the planting of shrubs will result in disturbance to isolated locations within the midden area (partially mitigated by the shovel tests reported herein), planting groundcovers and spreading mulch should serve to protect the midden from erosion, further trampling, and collecting or looting by unauthorized persons. JMA recommends complete collection and analysis of these materials if more substantial disturbances are proposed for this area in the future.

### 3.3 WOOD/LEVIN HOUSE YARD (AREA C8)

The test excavations conducted in Area C8 confirm that the previous testing in the vicinity of the Wood/Leven House (i.e., STUs A3.07–A3.12 and C1.01–C1.07, JMA 2004) identified a significant prehistoric shell-midden deposit that extends west from Satterlee Street into the yard area behind the house. The stratigraphy documented in EUs C8.09 and C8.10 indicates that while the upper (near-surface) portions of the shell midden in this area are disturbed (likely by plowing) and mixed with historic-period materials, the lower portions of the midden represent an undisturbed Late Middle Woodland Period and/or Late Woodland Period deposit.

Following the methods used to analyze the shell deposits in the JMA 2004 report (pp. 85–86), the relative density of shell documented in Area C8 is presented in Table 6. The distribution of shell documented in archeological units within Area C8, as well as Areas A3 and C1 from the JMA 2004 report, is depicted in Figure 4. Although the locations of test units in the vicinity of the Wood/Leven house are irregular and do not provide for a complete aerial distribution, the shell deposit appears to extend generally northwest from the house. The ground surface slopes upwards in the area immediately north of Transect C8, and these units likely document the northern fringe of this midden area.

Table 6. Shell Deposits in the Wood/Leven House Area (Archeological Testing Area C8).

Unit/Stratum	Clam (oz.)	Oyster (oz.)	Total (oz.)	Stratum Thickness (in.)	Density (oz./cu.ft.)	Clam (%)	Oyster (%)
STU C8.1 II PZ	5.8	9.6	15.4	10	18.55	36	64
STU C8.2 II PZ	18.1	23.5	41.6	9	55.47	43.5	56.5
STU C8.3 II PZ	12.75	8.95	21.7	11.5	22.6	59	41
STU C8.4 II midden	6.7	40.35	47.05	12	47.05	14	86
STU C8.5 II	1.85	8.45	10.3	7.5	16.48	18	82
STU C8.6 II	0.1	1.65	1.75	6.5	3.24	6	94
STU C8.7 II	2.15	4.2	6.35	6.5	11.76	34	66
STU C8.8 II	0.7	2.15	2.85	8.5	4	25	75
EU C8.9 III-IV PZ/midden	57.55	76.4	133.95	9	19.8	43	57
EU C8.10 II midden	34.4	120.65	155.05	9	22.97	22	78

The densities and relative quantities of oyster and clamshell documented in units C8.01–C8.10 are within the ranges documented for other areas of the Park. These data also appear to confirm the observation that the midden in the vicinity of the Wood/Leven house includes proportionally greater amounts of clamshell (~39% in Areas A3 and C1; ~34% in STUs C8.01–C8.05 and EUs C8.09–C8.10) than in the midden deposits investigated in the vicinity of the Conference House and Visitors' Center (~20% clamshell). The JMA 2004 report (p. 101) speculates that these variations in the relative quantities of clam and oyster shell could represent seasonal or temporal differences in the accumulation of shell between the various midden deposits within the Park.

The artifacts recovered from units in Area C8 indicate that the shell deposit in this area dates to the Late Woodland and/or Late Middle Woodland Period(s). The plowzone horizon in EU C8.09 (Stratum II) included a sherd of incised pottery (Plate D-19) that resembles types from the East River ceramic tradition (Late Woodland) and the underlying midden deposit (Stratum IV) included a rhyolite Levanna point (Plate D-15)(Late Middle Woodland through Late Woodland). Within EU C8.10, the assemblage from the midden deposit (Stratum II) did not include any diagnostic materials. The underlying transitional layer (Stratum III) and upper portions of the

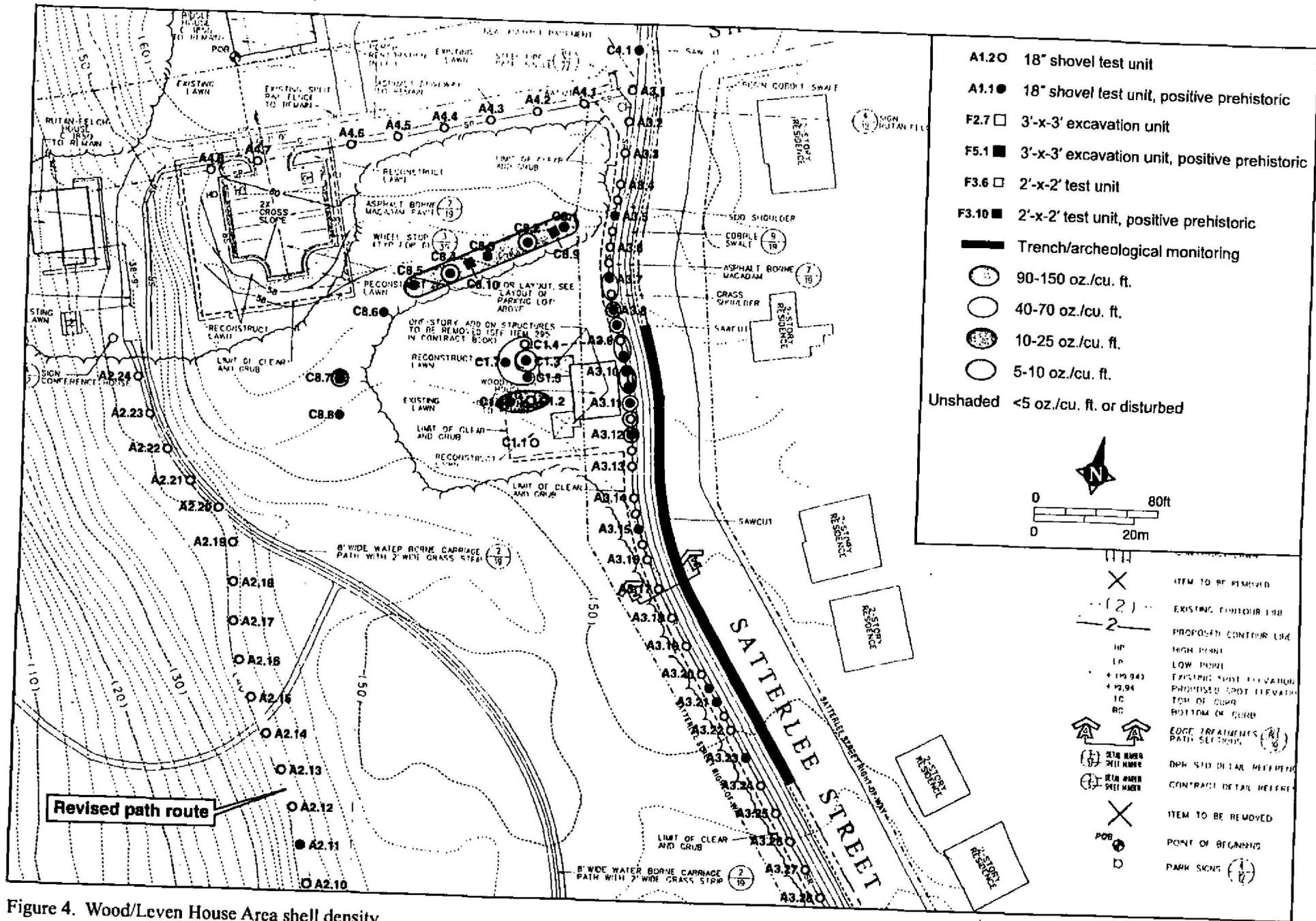


Figure 4. Wood/Leven House Area shell density.

sand (Stratum IV, Level 1) included 7 sherds of cord-marked and undecorated pottery sherds, which suggest a consistent deposition date (i.e., later portions of the Woodland Period) for the overlying shell deposit. Cord-marked and/or undecorated pottery sherds were also recovered in association with (or underlying) the shell deposit from STUs C8.01 (n=11), C8.02 (n=4), C8.04 (n=1), C8.05 (n=1), and C8.07 (n=1). These date-ranges are consistent with previous finds in the vicinity, including a Jack's Reef Pentagonal Point from STU A3.10 and pottery sherds from STUs C1.5 and C1.07 (JMA 2004:95)(for location of these units see Figure 4).

The JMA 2004 report included a comparison of shell and artifacts densities between shell midden deposits documented within the Park and other sites located in the coastal New York region (pp. 95-100). Table 7 (below) presents the data for units C8.09 and C8.10 for comparison with the shell and artifact densities presented in Table 22 (p. 98) in the JMA 2004 report.

**Table 7. Shell and artifact densities from midden deposits in EUs C8.09 and C8.10.**

Unit/Stratum	Shell Density (lbs./cubic foot)	Artifact Density (artifacts/cubic foot)	Bone Density (fragments/cubic foot)
C8.09 (Strata III-V)	0.63	2.07	3.5
C8.10 (Strata II-III)	0.65	2.66	0
Mean Density	0.64	2.37	1.75

The density of shell documented in EUs C8.09 and C8.10 (mean density 0.64 lbs./cubic foot) is similar to the densities documented in EUs F5.01 (0.71 lbs./cubic foot) and E2.02 (0.525 lbs./cubic foot). These values were interpreted as reflecting the units' locations on the edges or peripheries of larger midden deposits. EUs C8.09 and C8.10 also appear to document the (northern) periphery of a larger midden deposit. The shell-densities documented in STUs in the area (Figure 4) indicate that the midden extends to the southeast from these units towards Satterlee Street and (perhaps under) the Wood/Leven House. The mean shell density (0.55 lbs./cubic foot) documented for the units excavated in the vicinity of the Visitors' Center was significantly lower than the mean shell density (5.63 lbs./cubic foot) documented for the units in the vicinity of the Conference House. This difference suggests that the midden in the vicinity of the Visitors' Center was less intensively utilized than the area east of the Conference House (JMA 2004:100). The density of artifacts recovered in EUs C8.09 and C8.10 (mean density 2.37 artifacts/cubic foot) is also comparable to the units in the vicinity of the Visitors' Center (mean density 2.15 artifacts/cubic foot). The shell and artifact densities documented in the vicinity of the Wood/Leven House may indicate that this midden deposit was also used less intensively or for a shorter period of time than the larger shell deposit documented in the vicinity of the Conference House.

The three shell middens investigated by JMA within the Park (i.e., in the vicinities of the Conference House, Visitors' Center, and Wood/Leven House) exhibit significant variation in shell density, artifact density, relative quantities of clam and oyster shell, relative quantities of faunal remains, and relative quantities of artifacts types. For instance, the deposit documented in Area C8 differs from the other previously tested areas in the relative abundance of prehistoric pottery recovered from these units; ceramic sherds comprised 29 (or 18.5%) of the 157 artifacts (combined lithics and pottery sherds) recovered from units C8.01-C8.10. The test excavations conducted in the three midden areas (reported herein and in the JMA 2004 report) suggest that these variations likely reflect temporal, seasonal, and/or functional differences between the

deposits. Future archeological work should pursue explicit research designs that result in more refined understandings of the variability among the shell deposits as well as their relationship to habitation sites and other types of archeological deposits within the Park.

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## 4.0 REFERENCES CITED

- Pickman, Arnold  
1997 *Archeological and Historical Intensive Documentary Research, Conference House Park, Staten Island, New York, NYC Parks/Pre-CEQR R.* Report Submitted to Jackson& Kihn/South Street Design Company and New York City Department of Parks and Recreation. On File at New York City Landmarks Preservation Commission.
- Pickman, Arnold, and Rebecca Yamin  
1984 *Phase I Cultural Resources Survey—Oakwood Beach Water Pollution Control Project, Richmond Avenue to Kreischer Street, Staten Island, New York.* New York: The Center for Building Conservation. Report on File at the New York City Landmarks Preservation Commission.
- Pickman, Arnold, Rebecca Yamin, and Patrick Heaton (JMA)  
2004 *Archeological Investigations: Conference House Park, Staten Island, New York.* John Milner Associates, West Chester, Pennsylvania. Report submitted to the New York City Department of Parks and Recreation.

Appendix A:

Archeological Testing Protocol

by

Arnold Pickman  
Rebecca Yamin

**REVISED WORK PLAN  
ADDITIONAL ARCHAEOLOGICAL TESTING  
CONFERENCE HOUSE PARK  
BIDDLE HOUSE PROPERTY AND RELATED IMPROVEMENTS**

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The New York City Department of Parks and Recreation (DPR) is planning to undertake additional work at Conference House Park. This work will affect the Biddle House property as well as a portion of the tract between the Biddle House and Wood-Leven House (also referenced as the "Ward" House") properties. The affected properties are considered to be archaeologically sensitive for deposits associated with both the prehistoric and historic periods. At the beginning of September, 2004, we developed a plan for archaeological testing of the affected areas that reflected both the proposed DPR activities and the archaeological sensitivity of the area. On September 23, 2004, Patrick Heaton (JMA) met on-site with the Resident Engineer to discuss revisions to these plans and the actual construction to be conducted.

The following revised work plan for the archaeological testing is based on the plans provided to us and our understanding as to the revisions as per the discussions with the Resident Engineer.

1. DPR is planning to install an irrigation system on the Biddle House lawn. This will involve the installation of a water line to a depth of approximately 1 ½ feet (assumed disturbance to approximate depths of 1 ½ - 2 feet) as well as the irrigation system which is to be installed by a sub-contractor.

a) As shown on the original plans the water line would be extended along the south side of Shore Road (the paved roadway immediately south of the Biddle House property), from its connection with an existing water line at the approximate location of the valve installation indicated on the plans by the symbol "RPZ," and would then extend to the north, crossing the Biddle House lawn. It is our understanding that as now planned this line would extend directly north across Shore Road from the location of the Valve and terminate at the southern edge of the Biddle House lawn, where a connection will be provided for the use of the subcontractor who will install the irrigation system. This trench would therefore not impact the Biddle House lawn.

b) The irrigation system itself will be installed in the lawn areas extending east of the Biddle House as well as the smaller lawn areas extending north and south of the house. The method to be used involves the excavation of an undetermined number of small holes, assumed to be approximately one foot in diameter, to a depth of approximately 8 inches. From these holes the system will be installed underground by boring smaller holes (ca. 1-2" diameter) laterally at this depth from the locations of the larger holes. Thus the areas of significant disturbance will only be at the locations of the larger holes. Plans are not yet available showing the locations of these holes. We have assumed that an estimated 10-15 shovel tests will be placed on the Biddle House lawn at locations to be determined, in order to assure that there are no significant deposits which will be disturbed by the excavations of the vertical holes. We have assumed that the boring of the lateral holes would not result in significant adverse impacts to any archaeological resources that may be present.

c) The original plans indicate that a similar irrigation system would also be installed on the lawn of the Wood/Leven House (indicated on the plans as the "Ward House"). It is our understanding that this system will not be installed.

2. The plans originally indicated that trenches would be excavated below grade to install electrical lines on the Biddle House property. It is now our understanding that all electrical lines will be installed at grade.

3. The planting plan indicates that numerous perennials will be planted on the Biddle House property with disturbance occurring to depths generally less than 10." However, the plan indicates that plantings along the northern boundary of the property may result in deeper disturbance. These would include several 3-3.5' high *Rhododendron maximum* as well as a large number of *Thuja occidentalis* "Nigra," which have a 23"

ball. Previous archaeological testing suggests that the northern boundary of the property may be particularly sensitive for the presence of prehistoric Native American deposits. A shovel test transect will be placed along the northernmost portion of the Biddle House property within or immediately adjacent to the proposed planting area. Shovel tests will be placed at 25 foot intervals (estimated 15 shovel tests)

4. The planting plan for the area north and west of the Wood-Leven House lawn indicates that a number of trees will be placed in the area bordering the north side of the lawn and extending to the northwest to the area in the vicinity of the Rutan-Felch House garage. These trees will require excavation to depths estimated at 2 ½ - 3 ½ feet. Shallower impacts (13 inches or less) will occur from installation of shrubs and perennials in the areas adjacent to the trees. The area to be impacted southeast of the Rutan-Felch garage is of particular concern since at least one 19<sup>th</sup> century refuse midden has been observed here during prior reconnaissance of the area. A shovel test transect will be excavated within the area to be affected by the plantings (estimated 15 STs). The surface in this area will also be inspected for visual indications of the presence of refuse deposits.

5. Three additional trees will be planted in a small area south of Shore Road. A large excavation for the installation of the "RPZ" valve will take place in the same general area. The prior documentary research suggests the possibility that a house was located in this general area in the mid-19<sup>th</sup> century. Shovel tests will be placed in this area (3-5 STs).

The shovel testing program outlined above would involve the excavation of an estimated total of approximately 50 shovel tests.

If the shovel testing and reconnaissance program indicate the presence of possibly significant deposits it may be appropriate to excavate larger excavation units to further investigate such deposits. We have included the excavation of two to three 3 by 3 foot units as a contingent item.

In addition to the above, at the request of the Resident Engineer JMA archaeologists will monitor the removal of the existing asphalt pavements on the Biddle House property (estimated 1-2 days of monitoring).

The archaeological work will also include processing of all artifacts and faunal material recovered from the field tests and preparation of a comprehensive report on the results of the project.

It should be noted that the plans provided to us by DPR also indicate the excavation of a deep trench on the Conference House property to install a new water/irrigation line. This item would have required a significant amount of additional archaeology, greatly increasing costs beyond those involved in the work outlined above. It is our understanding, based on our conversation with the Resident Engineer, that the excavations for this water/irrigation line will not be conducted.

Arnold Pickman, Archaeological Consultant  
Rebecca Yamin, John Milner Associates, Inc.  
September 28, 2004

Appendix B:

Excavation Unit Profile Drawings and Photographs



Excavation Unit C8.9, east profile.

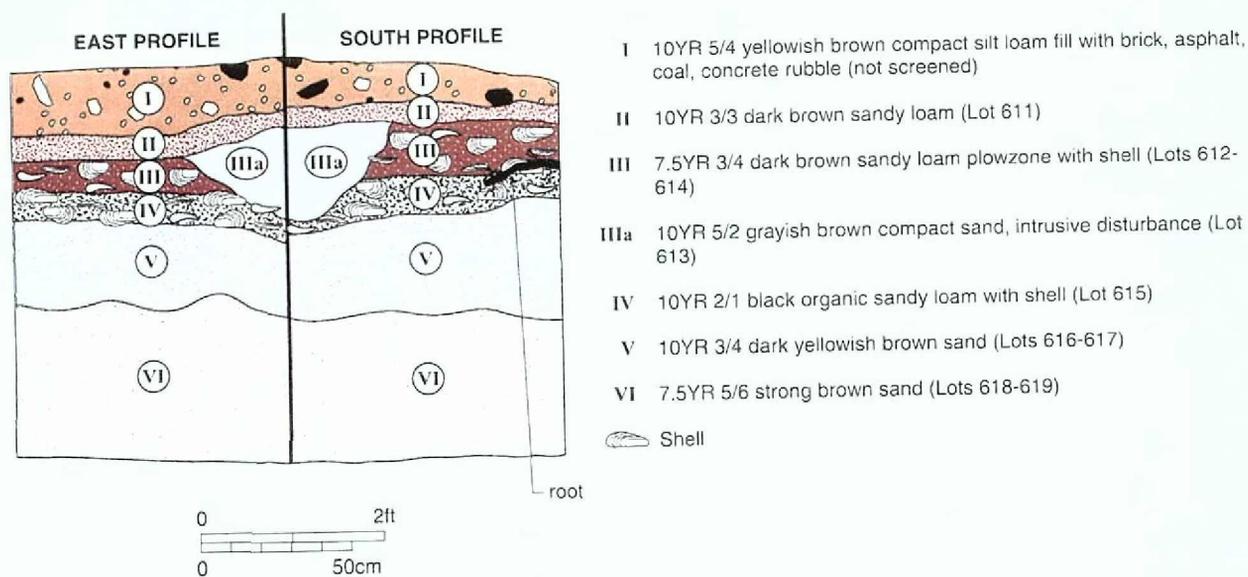


Figure B-29. Excavation Unit C8.9.



Excavation Unit C8.10, north profile.

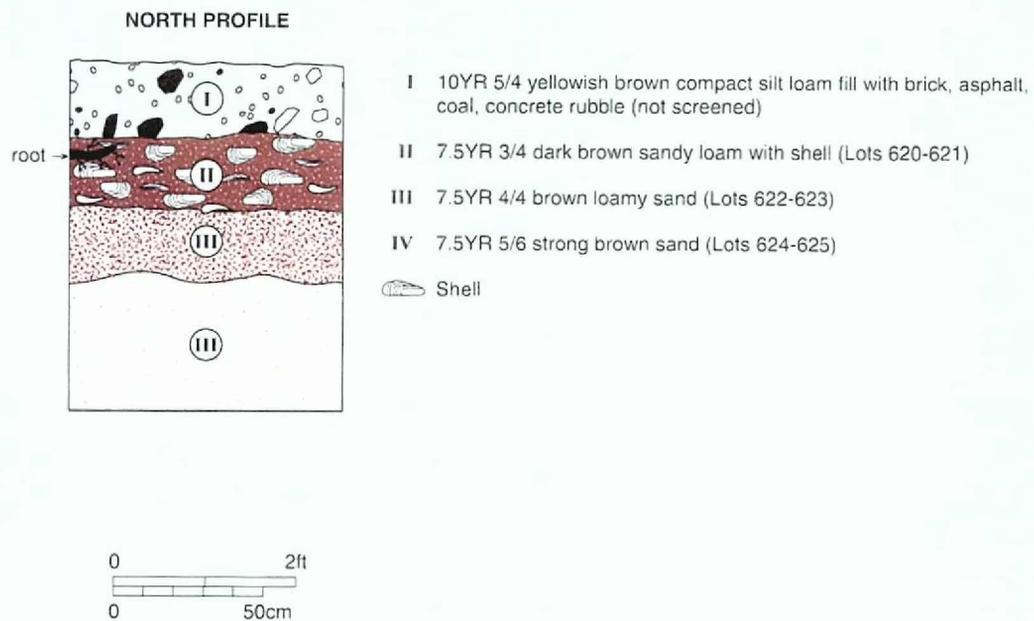


Figure B-30. Excavation Unit C8.10.

Appendix C:  
Field Photographs



Plate C-53. Context of northern perimeter of Biddle House yard (JMA Archeological Testing Area C5); view to the west.



Plate C-54. Context of STUs C5.8 and C5.9; view to the north.



Plate C-53. Context of northern perimeter of Biddle House yard (JMA Archeological Testing Area C5); view to the west.



Plate C-54. Context of STUs C5.8 and C5.9; view to the north.



Plate C-55. Context of STUs C5.10 and C5.11; view to the northwest.



Plate C-56. Context of plantings area south of the Caretaker's House (JMA Archeological Testing Area C6); view to the north.



Plate C-57. Sloped area with exposed nineteenth-century sheet midden on surface located west of JMA Archeological Testing Area C6; view to the north.



Plate C-58. Location of the proposed irrigation system pump south of Shore Road (STU C7.1); view to the east.



Plate C-59. Context of STU C7.5 within the Biddle House yard, north of Shore Road; view to the north.



Plate C-60. Context of STUs C8.1–C8.3 and EU C8.9 along the northern perimeter of the Wood/Leven (or Ward) House yard; view to the east



Plate C-61. Context of STU C8.6; view to the north.



Plate C-62. JMA personnel excavating EU C8.9; view to the north.



Plate C-63. JMA personnel monitored pavement removal in the driveway of the Biddle House; view to the southeast.



Plate C-64. Sporadic areas with low-densities of shell were observed in the fill underlying the pavement in the driveway of the Biddle House

Appendix D. Plates:

Photographs of Selected Artifacts  
Recovered from Archeological Excavations



Plate D-15. Levanna point, rhyolite (EU C8.9, Stratum IV, Lot 615).



Plate D-16. Un-typed notched point, chert (EU C8.10, Stratum II, Lot 621).



Plate D-15. Levanna point, rhyolite (EU C8.9, Stratum IV, Lot 615).



Plate D-16. Un-typed notched point, chert (EU C8.10, Stratum II, Lot 621).



Plate D-17. Multi-faceted core, chert cobble (EU C8.10, Stratum III, Lot 623).



Plate D-18. Biface, jasper (EU C8.10, Stratum IV, Lot 624).



Plate D-19. Incised prehistoric pottery sherd, possibly East River Ware (EU C8.9, Stratum III, Lot 612).

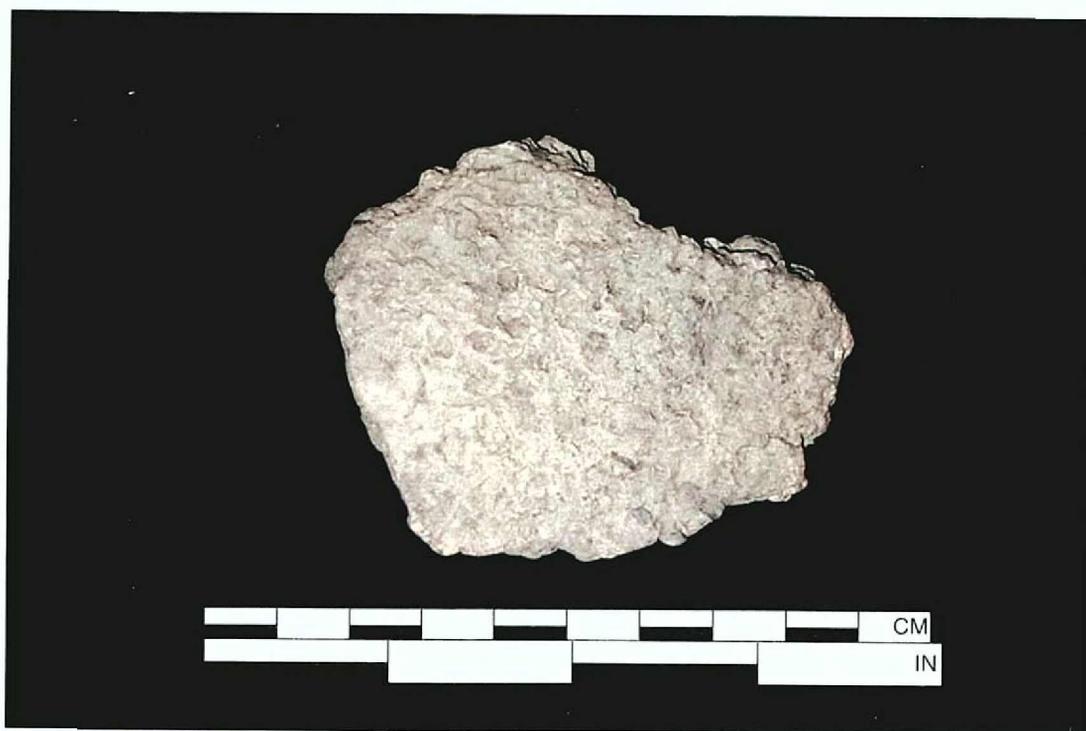


Plate D-20. Prehistoric pottery sherd: cord-wrapped stick decoration (EU C8.10, Stratum III, Lot 622).

**Appendix E:**

**Archeological Test Unit  
Stratigraphic Profiles**

Addendum Archeological Report:  
 Biddle and Wood/Leven House Landscape Improvements  
 Conference House Park - Staten Island, New York  
 John Millner Associates, Inc. - October 2004  
 Appendix E: Stratigraphic Profiles

UNIT	STRATUM	LVL	DEPTH (In.)	SOIL DESCRIPTION	CULTURAL MATERIAL/LOT #
C5.01	I	I	0-4	10YR 2/2 very dark brown sandy loam	533
C5.01	II	I	4-17	7.5YR 3/3 dark brown sandy loam	534
C5.01	III	I	17-34	7.5YR 5/6 strong brown sand	NCM
C5.01	IV	I	34-37	7.5YR 6/4 light brown sand and gravel	NCM
C5.01	V	I	37-40.5	7.5YR 6/4 light brown mottled w/ 7.5YR 5/8 strong brown clay (subsoil)	NCM
C5.02	I	I	0-4	10YR 2/2 very dark brown sandy loam	535
C5.02	II	I	4-17	7.5YR 3/3 dark brown sandy loam	536
C5.02	III	I	17-45	7.5YR 5/6 strong brown sand	537
C5.02	IV	I	45-51	7.5YR 5/6 strong brown mottled w/ 7.5YR 5/8 strong brown sand and gravel	NCM
C5.03	I	I	0-8	10YR 2/2 very dark brown sandy loam	538
C5.03	II	I	8-20.5	7.5YR 3/3 dark brown sandy loam	539
C5.03	III	I	20.5-49	7.5YR 5/6 strong brown sand	540
C5.04	I	I	0-5	10YR 2/2 very dark brown sandy loam	541
C5.04	II	I	5-24	7.5YR 3/3 dark brown sandy loam	542
C5.04	III	I	24-56	7.5YR 5/6 strong brown sand	543
C5.05	I	I	0-5	10YR 2/2 very dark brown sandy loam	544
C5.05	II	I	5-16	7.5YR 3/3 dark brown sandy loam	545
C5.05	III	I	16-54	7.5YR 5/6 strong brown sand	546
C5.06	I	I	0-5	10YR 2/2 very dark brown sandy loam	547
C5.06	II	I	5-15	7.5YR 3/3 dark brown sandy loam	548
C5.06	III	I	15-47	7.5YR 5/6 strong brown sand	549
C5.07	I	I	0-6.5	10YR 2/2 very dark brown sandy loam	550
C5.07	II	I	6.5-18	7.5YR 5/3 brown sandy loam	551
C5.07	III	I	18-50	7.5YR 5/6 strong brown sand	552

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UNIT	STRATUM	LVL	DEPTH (In.)	SOIL DESCRIPTION	CULTURAL MATERIAL/LOT #
C5.08	I	I	0-6	10YR 2/2 very dark brown sandy loam	553
C5.08	II	I	6-17	7.5YR 3/3 dark brown sandy loam	554
C5.08	III	I	17-47	7.5YR 5/6 strong brown sand	555
C5.09	I	I	0-12	10YR 2/2 very dark brown sandy loam	556
C5.09	II	I	12-19	7.5YR 3/3 dark brown sandy loam	557
C5.09	III	I	19-25	7.5YR 4/6 strong brown sand	NCM
C5.10	I	I	0-6	10YR 2/2 very dark brown sandy loam	558
C5.10	II	I	6-15.5	7.5YR 3/3 dark brown sandy loam	559
C5.10	III	I	15.5-49	7.5YR 4/6 strong brown sand	560
C5.11	I	I	0-12	10YR 3/3 dark brown silt loam	561
C5.11	II	I	12-28	10YR 3/4 dark yellowish brown sandy loam	562
C5.11	III	I	28-36	5YR 4/4 reddish brown sandy clay w/ gravel (subsoil)	563
C6.01	I	I	0-4.5	10YR 3/3 dark brown sandy loam (organic topsoil)	564
C6.01	II	I	4.5-11	5YR 3/2 dark reddish brown w/ 5YR 7/1 light gray compact clay loam (disturbed)	565
C6.01	III	I	11-25	5YR 4/4 reddish brown sand and gravel (subsoil)	NCM
C6.02	I	I	0-1.5	10YR 3/3 dark brown sandy loam (organic topsoil)	566
C6.02	I	2	1.5-5	10YR 3/2 very dark grayish brown sandy loam	567
C6.02	II	I	5-8.5	5YR 4/4 reddish brown w/ 10YR 3/2 very dark grayish brown compact sandy loam (disturbed)	568
C6.02	III	I	8.5-31	5YR 4/4 reddish brown sand and gravel (subsoil)	NCM
C6.03	I	I	0-2.5	10YR 3/3 dark brown sandy loam (organic topsoil)	569
C6.03	II	I	2.5-15	5YR 4/4 reddish brown sandy clay w/ gravel (subsoil)	570
C6.04	I	I	0-3.5	10YR 3/3 dark brown sandy loam (organic topsoil)	571
C6.04	II	I	3.5-10	5YR 4/4 reddish brown w/ 10YR 3/2 very dark grayish brown compact sandy loam (disturbed)	572
C6.04	III	I	10-19	5YR 4/4 reddish brown sand and gravel (subsoil)	NCM

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UNIT	STRATUM	LVL	DEPTH (in.)	SOIL DESCRIPTION	CULTURAL MATERIAL/LOT #
C8.02	I	I	0-15	10YR 5/4 yellowish brown compact silty clay loam (compact fill)	594
C8.02	II	I	15-24	7.5YR 3/4 dark brown sandy loam (plowzone)	595
C8.02	III	I	24-40	7.5YR 4/6 strong brown sand	596
C8.02	IV	I	40-60	7.5YR 5/8 strong brown sand	NCM
C8.03	I	I	0-10.5	10YR 5/4 yellowish brown compact silt loam (compact fill)	NCM
C8.03	II	I	10.5-22	7.5YR 3/4 dark brown sandy loam (plowzone)	597
C8.03	III	I	22-43	7.5YR 4/6 strong brown sand	598
C8.03	IV	I	43-52	7.5YR 5/8 strong brown sand	NCM
C8.04	I	I	0-12	10YR 3/3 dark brown compact silt loam (compact fill)	NCM
C8.04	II	I	12-24	7.5YR 3/4 dark brown sandy loam	599
C8.04	III	I	24-44	7.5YR 4/6 strong brown sand	600
C8.04	IV	I	44-49	7.5YR 5/8 strong brown sand	NCM
C8.05	I	I	0-9	10YR 4/2 dark grayish brown silt loam (compact fill)	NCM
C8.05	II	I	9-16.5	7.5YR 3/4 dark brown sandy loam	601
C8.05	III	I	16.5-42	7.5YR 4/6 strong brown sand	602
C8.05	IV	I	45-53	7.5YR 5/8 strong brown sand	NCM
C8.06	I	I	0-11.5	10YR 4/2 dark grayish brown silt loam (compact fill)	NCM
C8.06	II	I	11.5-18	7.5YR 3/4 dark brown sandy loam	603
C8.06	III	I	18-32	7.5YR 4/6 strong brown sand	604
C8.06	IV	I	32-38	7.5YR 5/8 strong brown sand and gravel	NCM
C8.07	I	I	0-3.5	10YR 2/1 black sandy loam (organic topsoil)	605
C8.07	II	I	3.5-10	7.5YR 3/4 dark brown sandy loam	606
C8.07	III	I	10-34	7.5YR 4/6 strong brown sand	607
C8.08	I	I	0-13.5	10YR 2/2 very dark brown silt loam (organic topsoil)	NCM
C8.08	II	I	13.5-22	10YR 3/4 dark yellowish brown sandy loam	608
C8.08	III	I	22-38	7.5YR 5/4 brown sand	609
C8.08	IV	I	38-44	7.5YR 4/6 strong brown sandy clay	610

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C8.09	I	1	0-8	10YR 5/4 yellowish brown silt loam (compact fill)	NCM
C8.09	II	1	8-11	10YR 3/3 dark brown sandy loam (organic topsoil)	611
C8.09	III	1	11-13.5	7.5YR 3/4 dark brown sandy loam (plowzone)	612
C8.09	III	2	13.5-14.5	7.5YR 3/4 dark brown sandy loam (plowzone)	614
C8.09	IIIA	1	9.75-20.75	10YR 7/1 light gray compact silt loam (historic post-hole, fill deposit)	613
C8.09	IV	1	14.5-19.5	7.5YR 3/3 dark brown sandy loam	615
C8.09	V	1	19.5-23.25	10YR 3/4 dark yellowish brown sand	616
C8.09	V	2	23.25-29.75	10YR 3/4 dark yellowish brown sand	617
C8.09	VI	1	29.75-35.75	7.5YR 5/6 strong brown sand	618
C8.09	VI	2	35.75-42.75	7.5YR 5/6 strong brown sand	619
C8.09	VI	3	42.75-50	7.5YR 5/6 strong brown sand	NCM
C8.10	I	1	0-10	10YR 5/4 yellowish brown silt loam (compact fill)	NCM
C8.10	II	1	10-14.5	7.5YR 3/4 dark brown mottled w/ 10YR 3/3 dark brown sandy loam (organic topsoil)	620
C8.10	II	2	14.5-19	7.5YR 3/4 dark brown sandy loam	621
C8.10	III	1	19-23	7.5YR 4/4 brown sandy loam	622
C8.10	III	2	23-27	7.5YR 4/4 brown sandy loam	623
C8.10	IV	1	27-33	7.5YR 5/6 strong brown sand	624
C8.10	IV	2	33-38.5	7.5YR 5/6 strong brown sand	625
C8.10	IV	3	38.5-45	7.5YR 5/6 strong brown sand	626

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LOT	UNIT	STRAT	LVL	CT	ARTIFACT DESCRIPTION	DATE	WT (oz.)	CT	COMMENTS
533	C5.01	I	I	-	Faunal: Clam		0.1	-	DISCARDED
533	C5.01	I	I	1	Blown-In-Mold Bottle Fragment: Clear		-	-	
534	C5.01	II	I	-	Faunal: Clam		0.15	-	DISCARDED
534	C5.01	II	I	-	Faunal: Oyster		0.2	-	DISCARDED
535	C5.02	I	I	1	Electrical, Metal: Miscellaneous Part		-	-	
535	C5.02	I	I	1	Gardening, Ceramic: Terra-Cotta Flower Pot		-	-	
535	C5.02	I	I	1	Window Glass: All Thicknesses		-	-	
536	C5.02	II	I	-	Faunal: Clam		0.95	1	DISCARDED
536	C5.02	II	I	-	Faunal: Oyster		0.4	-	DISCARDED
536	C5.02	II	I	1	Ironstone: Hand Painted	1813-2000	-	-	
536	C5.02	II	I	1	Miscellaneous, Metal: Nonelectrical Wire	1831-2000	-	-	
537	C5.02	III	I	-	Faunal: Clam		0.1	-	DISCARDED
537	C5.02	III	I	-	Faunal: Oyster		0.1	-	DISCARDED
537	C5.02	III	I	1	Flake 11-15mm: Chert		-	-	
537	C5.02	III	I	1	Flake 41-45mm: Chert		-	-	
538	C5.03	I	I	-	Faunal: Oyster		0.7	-	DISCARDED
538	C5.03	I	I	1	Grooming/Hygiene, Plastic: Comb	1915-2000	-	-	
538	C5.03	I	I	7	Miscellaneous, Metal: Unidentified		-	-	BRACKET
539	C5.03	II	I	1	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
539	C5.03	II	I	1	Redware: Unglazed		-	-	
540	C5.03	III	I	-	Faunal: Oyster		0.1	-	DISCARDED

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541	C5.04	I	I	-	Faunal: Oyster		0.2	-	DISCARDED
541	C5.04	I	I	1	Hardware, Rubber: Castor		-	-	
541	C5.04	I	I	1	Miscellaneous, Plastic: Other		-	-	
541	C5.04	I	I	1	Unidentified Nail: Cut or Wrought		-	-	
541	C5.04	I	I	1	Window Glass: All Thicknesses		-	-	
541	C5.04	I	I	1	Unidentified Bottle Fragment: Clear		-	-	
541	C5.04	I	I	1	Blown-In-Mold Bottle Fragment: Clear		-	-	
542	C5.04	II	I	-	Faunal: Clam		3.6	1	DISCARDED
542	C5.04	II	I	-	Faunal: Oyster		7.3	3	DISCARDED
542	C5.04	II	I	2	Faunal: Bone		-	-	
542	C5.04	II	I	1	Flake 21-25mm: Jasper		-	-	
542	C5.04	II	I	1	Flake 31-35mm: Quartz		-	-	
542	C5.04	II	I	1	Gardening, Ceramic: Terra-Cotta Flower Pot		-	-	
542	C5.04	II	I	1	Miscellaneous, Metal: Large Ring		-	-	
542	C5.04	II	I	1	Miscellaneous, Plastic: Other	1915-2000	-	-	
542	C5.04	II	I	1	Brick, Fragment: Unidentified, Unglazed		-	-	
542	C5.04	II	I	2	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
542	C5.04	II	I	2	Window Glass: All Thicknesses		-	-	
542	C5.04	II	I	3	Unidentified Bottle Fragment: Clear		-	-	
543	C5.04	III	I	1	Flake 6-10mm: Chert		-	-	
543	C5.04	III	I	1	Flake 11-15mm: Chert		-	-	
543	C5.04	III	I	2	Flake 31-35mm: Chert		-	-	
543	C5.04	III	I	1	Lamp Chimney, Glass: Clear		-	-	
544	C5.05	I	I	-	Faunal: Clam		0.4	-	DISCARDED
544	C5.05	I	I	-	Faunal: Oyster		0.65	-	DISCARDED
544	C5.05	I	I	1	Gardening, Ceramic: Terra-Cotta Flower Pot		-	-	
544	C5.05	I	I	1	Window Glass: All Thicknesses		-	-	

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545	C5.05	II	1	-	Faunal: Clam		4.2	-	DISCARDED
545	C5.05	II	1	-	Faunal: Oyster		5.4	2	DISCARDED
545	C5.05	II	1	2	Brick, Fragment: Unidentified, Unglazed		-	-	
545	C5.05	II	1	2	Window Glass: All Thicknesses		-	-	
546	C5.05	III	1	-	Faunal: Clam		0.6	-	DISCARDED
546	C5.05	III	1	-	Faunal: Oyster		0.5	-	DISCARDED
547	C5.06	I	1	-	Faunal: Clam		0.25	-	DISCARDED
547	C5.06	I	1	-	Faunal: Oyster		0.35	1	DISCARDED
548	C5.06	II	1	-	Faunal: Clam		1.65	-	DISCARDED
548	C5.06	II	1	-	Faunal: Oyster		2.1	3	DISCARDED
548	C5.06	II	1	1	Flake 16-20mm: Chert		-	-	
548	C5.06	II	1	1	Flake 21-25mm: Jasper		-	-	
548	C5.06	II	1	1	Flake 26-30mm: Chert		-	-	
548	C5.06	II	1	1	Whiteware: Flow Blue	1842-1910	-	-	
549	C5.06	III	1	-	Faunal: Clam		2.25	1	DISCARDED
549	C5.06	III	1	-	Faunal: Oyster		3.85	2	DISCARDED/1 BURNED FRAGMENT
550	C5.07	I	1	-	Faunal: Clam		0.15	-	DISCARDED
550	C5.07	I	1	-	Faunal: Oyster		0.3	-	DISCARDED
550	C5.07	I	1	1	Whiteware: Flow Blue	1842-1910	-	-	
550	C5.07	I	1	1	Whiteware: Plain	1810-2000	-	-	
551	C5.07	II	1	-	Faunal: Clam		0.1	-	DISCARDED
551	C5.07	II	1	-	Faunal: Oyster		0.6	-	DISCARDED

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552	C5.07	III	I	-	Faunal: Oyster		0.2	-	DISCARDED
552	C5.07	III	I	1	Machine-Made Bottle Fragment: Green	1903-2000	-	-	
553	C5.08	I	I	-	Faunal: Clam		0.15	-	DISCARDED
553	C5.08	I	I	-	Faunal: Oyster		0.05	-	DISCARDED
554	C5.08	II	I	-	Faunal: Oyster		0.75	-	DISCARDED
555	C5.08	III	I	1	Flake 16-20mm: Jasper		-	-	
556	C5.09	I	I	-	Faunal: Oyster		0.15	-	DISCARDED
556	C5.09	I	I	1	Faunal: Bone		-	-	
556	C5.09	I	I	1	Flake >45mm: Chert		-	-	
556	C5.09	I	I	1	Auto/Garage/Machine, Plastic: Car Trim	1915-2000	-	-	
556	C5.09	I	I	1	Blown-In-Mold Bottle Fragment: Aqua		-	-	
556	C5.09	I	I	1	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
557	C5.09	II	I	1	Gardening, Ceramic: Terra-Cotta Flower Pot		-	-	
557	C5.09	II	I	1	Hardware, Ceramic: Doorknob		-	-	
558	C5.10	I	I	1	Redware: Manganese, Lead Glaze		-	-	
558	C5.10	I	I	4	Unidentified Bottle Fragment: Aqua		-	-	BURNED
558	C5.10	I	I	1	Yellowware: Plain	1830-1930	-	-	
558	C5.10	I	I	5	Window Glass: All Thicknesses		-	-	

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559	C5.10	II	1	-	Faunal: Clam		2.6	2	DISCARDED
559	C5.10	II	1	-	Faunal: Oyster		3.7	4	DISCARDED
559	C5.10	II	1	2	Flake 6-10mm: Jasper		-	-	
559	C5.10	II	1	1	Flake 16-20mm: Jasper		-	-	
559	C5.10	II	1	1	Flake 21-25mm: Chert		-	-	
559	C5.10	II	1	1	Flake 31-35mm: Jasper		-	-	
559	C5.10	II	1	1	Fire-Cracked Rock: Sandstone		0.15	-	DISCARDED
559	C5.10	II	1	1	Window Glass: All Thicknesses		-	-	
559	C5.10	II	1	1	Brick, Fragment: Unidentified, Unglazed		-	-	
560	C5.10	III	1	-	Faunal: Oyster		0.05	-	DISCARDED
560	C5.10	III	1	1	Flake 6-10mm: Chert		-	-	
560	C5.10	III	1	1	Flake 16-20mm: Jasper		-	-	
560	C5.10	III	1	2	Unidentified Bottle Fragment: Clear		-	-	
561	C5.11	I	1	-	Faunal: Oyster		0.02	-	
561	C5.11	I	1	1	Whiteware: Plain	1810-2000	-	-	
561	C5.11	I	1	3	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
561	C5.11	I	1	7	Window Glass: All Thicknesses		-	-	
562	C5.11	II	1	-	Faunal: Clam		3.5	1	DISCARDED
562	C5.11	II	1	-	Faunal: Oyster		4.6	2	DISCARDED
562	C5.11	II	1	1	Pearlware: Monochrome Hand Painted	1779-1830	-	-	
562	C5.11	II	1	1	Unidentified Nail: Cut or Wrought		-	-	
562	C5.11	II	1	13	Window Glass: All Thicknesses		-	-	
562	C5.11	II	1	2	Lamp Chimney, Glass: Clear		-	-	
562	C5.11	II	1	1	Machine-Made Bottle Fragment: Amber	1903-2000	-	-	
563	C5.11	III	1	-	Faunal: Oyster		-	-	DISCARDED
563	C5.11	III	1	1	Brick, Fragment: Unidentified, Unglazed		-	-	
564	C6.01	I	1	3	Window Glass: All Thicknesses		-	-	
564	C6.01	I	1	2	Unidentified Bottle Fragment: Clear		-	-	
564	C6.01	I	1	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED

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565	C6.01	II	I	1	Unidentified Bottle Fragment: Clear		-	-	
565	C6.01	II	I	5	Window Glass: All Thicknesses		-	-	
565	C6.01	II	I	6	Machine-Made Bottle Fragment: Amber	1903-2000	-	-	
565	C6.01	II	I	1	Whiteware: Flow Blue	1842-1910	-	-	
566	C6.02	I	I	1	Machine-Made Bottle Fragment: Green	1903-2000	-	-	
566	C6.02	I	I	1	Unidentified Bottle Fragment: Melted/Burnt		-	-	BURNED
566	C6.02	I	I	9	Blown-In-Mold Bottle Fragment: Amethyst	1880-1915	-	-	
567	C6.02	I	2	-	Faunal: Clam		0.1	-	DISCARDED
567	C6.02	I	2	-	Faunal: Oyster		0.15	-	DISCARDED
567	C6.02	I	2	2	Lamp Chimney, Glass: Clear		-	-	
567	C6.02	I	2	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
567	C6.02	I	2	1	Window Glass: All Thicknesses		-	-	
567	C6.02	I	2	7	Blown-In-Mold Bottle Fragment: Amethyst	1880-1915	-	-	
568	C6.02	II	I	-	Faunal: Oyster		0.2	1	DISCARDED
569	C6.03	I	I	-	Faunal: Clam		1.35	-	DISCARDED
569	C6.03	I	I	-	Faunal: Oyster		0.6	-	DISCARDED
569	C6.03	I	I	2	Window Glass: All Thicknesses		-	-	
569	C6.03	I	I	2	Unidentified Bottle Fragment: Clear		-	-	
569	C6.03	I	I	2	Whiteware: Plain	1810-2000	-	-	
570	C6.03	II	I	2	Lamp Chimney, Glass: Clear		-	-	

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LOT	UNIT	STRAT	LVL	CT	ARTIFACT DESCRIPTION	DATE	WT (oz.)	CT	COMMENTS
571	C6.04	I	1	1	Flake 36-40mm: Chert		-	-	
571	C6.04	I	1	1	Coal: Lump/Nugget		-	-	DISCARDED
571	C6.04	I	1	1	Mortar: Unidentified		-	-	DISCARDED
571	C6.04	I	1	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
571	C6.04	I	1	2	Nail: Unidentified		-	-	DISCARDED
571	C6.04	I	1	4	Hardware, Metal: Window Sash Weight		-	-	DISCARDED
571	C6.04	I	1	1	Gardening, Ceramic: Terra-Cotta Flower Pot		-	-	
571	C6.04	I	1	1	Redware: Painted Decoration		-	-	
571	C6.04	I	1	1	Whiteware: Annular	1810-2000	-	-	
571	C6.04	I	1	1	Whiteware: Brown Transfer Print	1820-1915	-	-	
571	C6.04	I	1	1	Whiteware: Hand Painted	1810-2000	-	-	
571	C6.04	I	1	1	Whiteware: Black Transfer Print	1820-1915	-	-	
571	C6.04	I	1	8	Whiteware: Plain	1810-2000	-	-	
571	C6.04	I	1	13	Window Glass: All Thicknesses		-	-	
571	C6.04	I	1	1	Flat Glass: Privacy		-	-	
571	C6.04	I	1	5	Lamp Chimney, Glass: Clear		-	-	
571	C6.04	I	1	1	Decorated/Embossed Glass Fragment: Milk Glass		-	-	
571	C6.04	I	1	6	Unidentified Bottle Fragment: Clear		-	-	
571	C6.04	I	1	8	Unidentified Bottle Fragment: Amber		-	-	
571	C6.04	I	1	3	Blown-in-Mold Bottle Fragment: Aqua		-	-	
571	C6.04	I	1	4	Blown-In-Mold Bottle Fragment: Amethyst	1880-1915	-	-	
571	C6.04	I	1	18	Machine-Made Bottle Fragment: Green	1903-2000	-	-	
572	C6.04	II	I	-	Faunal: Clam		0.85	-	DISCARDED
572	C6.04	II	I	-	Faunal: Oyster		0.6	-	DISCARDED
572	C6.04	II	I	1	Unidentified Bottle Fragment: Clear		-	-	
572	C6.04	II	I	1	Window Glass: All Thicknesses		-	-	
572	C6.04	II	I	1	Whiteware: Black Transfer Print	1820-1915	-	-	
572	C6.04	II	I	2	Whiteware: Plain	1810-2000	-	-	

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573	C6.05	I	1	-	Faunal: Clam		0.5	2	DISCARDED
573	C6.05	I	1	-	Faunal: Oyster		0.75	2	DISCARDED
573	C6.05	I	1	1	Flake 11-15mm: Jasper		-	-	
573	C6.05	I	1	1	Whiteware: Black Transfer Print	1820-1915	-	-	
573	C6.05	I	1	1	Whiteware: Blue Transfer Print	1815-1915	-	-	
573	C6.05	I	1	10	Whiteware: Plain	1810-2000	-	-	
573	C6.05	I	1	4	Brick, Fragment: Unidentified, Unglazed		-	-	DISCARDED
573	C6.05	I	1	2	Window Glass: All Thicknesses		-	-	
573	C6.05	I	1	3	Lamp Chimney, Glass: Clear		-	-	
573	C6.05	I	1	8	Unidentified Bottle Fragment: Clear		-	-	
573	C6.05	I	1	1	Unidentified Bottle Fragment: Aqua		-	-	
573	C6.05	I	1	1	Blown-In-Mold Bottle Fragment: Amethyst	1880-1915	-	-	
573	C6.05	I	1	1	Machine-Made Bottle Fragment: Amber	1903-2000	-	-	
574	C6.05	II	1	-	Faunal: Clam		0.25	-	DISCARDED
574	C6.05	II	1	-	Faunal: Oyster		1.65	1	DISCARDED
574	C6.05	II	1	1	Unidentified Bottle Fragment: Clear		-	-	
574	C6.05	II	1	1	Redware: Black Exterior/Clear Interior, Glazed		-	-	
574	C6.05	II	1	1	Whiteware: Brown Transfer Print	1820-1915	-	-	
575	C7.01	I	1	-	Faunal: Oyster		0.3	-	DISCARDED
576	C7.01	II	1	-	Faunal: Clam		0.3	-	DISCARDED
576	C7.01	II	1	-	Faunal: Oyster		1.25	-	DISCARDED
576	C7.01	II	1	1	Flake 16-20mm: Chert		-	-	
576	C7.01	II	1	1	Window Glass: All Thicknesses		-	-	
577	C7.01	III	1	-	Faunal: Clam		0.4	-	DISCARDED
577	C7.01	III	1	-	Faunal: Oyster		-	-	DISCARDED
577	C7.01	III	1	-	Faunal: Oyster		0.75	-	DISCARDED
577	C7.01	III	1	1	Faunal: Whelk		-	-	
577	C7.01	III	1	1	Flake 11-15mm: Chert		-	-	
577	C7.01	III	1	1	Flake 16-20mm: Chert		-	-	BANDED CHERT

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578	C7.02	I	I	-	Faunal: Clam		1.6	1	DISCARDED
578	C7.02	I	I	-	Faunal: Oyster		2.15	2	DISCARDED
578	C7.02	I	I	1	Coal: Lump/Nugget		-	-	DISCARDED
578	C7.02	I	I	1	Flake 26-30mm: Jasper		-	-	
578	C7.02	I	I	2	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
579	C7.02	II	I	-	Faunal: Clam		3.2	1	DISCARDED
579	C7.02	II	I	-	Faunal: Oyster		4.6	2	DISCARDED
579	C7.02	II	I	1	Faunal: Whelk		0.3	-	
579	C7.02	II	I	1	Fire-Cracked Rock: Sandstone		8.7	-	DISCARDED
580	C7.02	III	I	-	Faunal: Clam		0.75	-	DISCARDED
580	C7.02	III	I	-	Faunal: Oyster		0.3	2	DISCARDED
580	C7.02	III	I	1	Flake 11-15mm: Chert		-	-	
581	C7.02	IV	I	1	Flake 16-20mm: Chert		-	-	
582	C7.03	I	I	-	Faunal: Clam		0.2	-	DISCARDED
582	C7.03	I	I	-	Faunal: Oyster		0.95	3	DISCARDED
582	C7.03	I	I	1	Flake 11-15mm: Chert		-	-	
582	C7.03	I	I	1	Lamp Chimney, Glass: Clear		-	-	
582	C7.03	I	I	2	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
582	C7.03	I	I	5	Window Glass: All Thicknesses		-	-	
583	C7.03	II	I	-	Faunal: Clam		2.2	1	DISCARDED
583	C7.03	II	I	-	Faunal: Oyster		3.75	2	DISCARDED
583	C7.03	II	I	1	Fire-Cracked Rock: Untyped		0.4	-	DISCARDED
583	C7.03	II	I	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
583	C7.03	II	I	1	Unidentified Nail: Cut or Wrought		-	-	
584	C7.03	III	I	-	Faunal: Oyster		0.65	-	DISCARDED
584	C7.03	III	I	1	Unidentified Nail: Cut or Wrought		-	-	

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585	C7.03	IV	1	-	Faunal: Oyster		0.8	1	DISCARDED
585	C7.03	IV	1	1	Flake 11-15mm: Chalcedony		-	-	
586	C7.04	I	1	-	Faunal: Clam		3.65	2	DISCARDED
586	C7.04	I	1	-	Faunal: Oyster		4.2	1	DISCARDED
586	C7.04	I	1	1	Blown-In-Mold Bottle Fragment: Clear		-	-	
586	C7.04	I	1	1	Plumbing, Metal: Faucet Part		-	-	
586	C7.04	I	1	3	Window Glass: All Thicknesses		-	-	
587	C7.04	II	1	-	Faunal: Clam		0.2	-	DISCARDED
587	C7.04	II	1	-	Faunal: Clam		0.2	1	DISCARDED
587	C7.04	II	1	-	Faunal: Oyster		0.65	-	DISCARDED
587	C7.04	II	1	-	Faunal: Oyster		0.65	1	DISCARDED
587	C7.04	II	1	1	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
588	C7.04	III	1	1	Fire-Cracked Rock: Sandstone		7.4	-	DISCARDED
588	C7.04	III	1	2	Flake 11-15mm: Chert		-	-	
589	C7.05	III	1	-	Faunal: Clam		0.1	1	DISCARDED
589	C7.05	III	1	-	Faunal: Oyster		0.25	1	DISCARDED
589	C7.05	III	1	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
590	C8.01	I	1	-	Faunal: Clam		0.25	-	DISCARDED
590	C8.01	I	1	1	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
590	C8.01	I	1	1	Miscellaneous, Plastic: Other		-	-	
590	C8.01	I	1	1	Toy, Ceramic: Unglazed Clay Marble		-	-	
590	C8.01	I	1	2	Brick, Fragment: Unidentified, Unglazed		-	-	DISCARDED
590	C8.01	I	1	2	Window Glass: All Thicknesses		-	-	

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591	C8.01	II	1	-	Faunal: Clam		1.6	-	DISCARDED
591	C8.01	II	1	-	Faunal: Oyster		2	2	DISCARDED
591	C8.01	II	1	1	Flake 21-25mm: Chert		-	-	
591	C8.01	II	1	1	Flake 6-10mm: Jasper		-	-	
591	C8.01	II	1	1	Miscellaneous, Biological: Other		-	-	
591	C8.01	II	1	1	Miscellaneous, Plastic: Tag	1915-2000	-	-	
591	C8.01	II	1	1	Tile: Ceramic		-	-	
592	C8.01	II	2	-	Faunal: Clam		4.2	1	DISCARDED
592	C8.01	II	2	-	Faunal: Oyster		7.6	1	DISCARDED
592	C8.01	II	2	3	Flake 11-15mm: Chert		-	-	
592	C8.01	II	2	4	Flake 16-20mm: Jasper		-	-	
592	C8.01	II	2	1	Flake 16-20mm: Chert		-	-	
592	C8.01	II	2	1	Hardware, Plastic: Castor		-	-	
592	C8.01	II	2	1	Unidentified Prehistoric Ware: Sand Tempered, Body		-	-	
592	C8.01	II	2	2	Unidentified Prehistoric Ware: Cordmarked, Body		-	-	
592	C8.01	II	2	5	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
592	C8.01	II	2	1	Electrical, Ceramic: Unidentified		-	-	
593	C8.01	III	1	-	Faunal: Clam		0.45	-	DISCARDED
593	C8.01	III	1	-	Faunal: Oyster		1.25	1	DISCARDED
593	C8.01	III	1	-	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	BORE HOLE IN SIDE
593	C8.01	III	1	2	Flake 6-10mm: Jasper		-	-	
593	C8.01	III	1	1	Flake 11-15mm: Jasper		-	-	
593	C8.01	III	1	3	Flake 11-15mm: Chert		-	-	
593	C8.01	III	1	3	Flake 16-20mm: Chert		-	-	
593	C8.01	III	1	1	Flake 16-20mm: Chert		-	-	
593	C8.01	III	1	1	Unidentified Prehistoric Ware: Cordmarked, Body		-	-	
593	C8.01	III	1	1	Unidentified Prehistoric Ware: Quartz/Sand Tempered, Body		-	-	

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594	C8.02	I	1	1	Brick, Fragment: Unidentified, Unglazed		-	-	
594	C8.02	I	1	1	Ironstone: Plain White	1813-1900	-	-	
594	C8.02	I	1	1	Tile: Ceramic		-	-	
594	C8.02	I	1	2	Machine-Made Bottle Fragment: Amber	1903-2000	-	-	
595	C8.02	II	1	-	Faunal: Clam		18.1	11	DISCARDED
595	C8.02	II	1	-	Faunal: Oyster		23.5	14	DISCARDED
595	C8.02	II	1	1	Flake 11-15mm: Chert		-	-	
595	C8.02	II	1	1	Brick, Fragment: Unidentified, Unglazed		2.55	-	DISCARDED
595	C8.02	II	1	1	Galvanized Nail: Complete		-	-	DISCARDED
595	C8.02	II	1	5	Window Glass: All Thicknesses		-	-	
596	C8.02	III	1	1	Flake 16-20mm: Chert		-	-	
596	C8.02	III	1	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
596	C8.02	III	1	3	Unidentified Prehistoric Ware: Sand Tempered, Body		-	-	
597	C8.03	II	1	-	Faunal: Clam		12.75	10	DISCARDED
597	C8.03	II	1	-	Faunal: Oyster		8.95	9	DISCARDED
597	C8.03	II	1	1	Flake 11-15mm: Chert		-	-	
597	C8.03	II	1	1	Flake 11-15mm: Chert		-	-	
597	C8.03	II	1	1	Flake 11-15mm: Jasper		-	-	
597	C8.03	II	1	1	Flake 16-20mm: Chert		-	-	
597	C8.03	II	1	1	Flake 21-25mm: Jasper		-	-	
597	C8.03	II	1	1	Flake 36-40mm: Chert		-	-	
597	C8.03	II	1	2	Whiteware: Plain	1810-2000	-	-	
597	C8.03	II	1	4	Window Glass: All Thicknesses		-	-	
598	C8.03	III	1	1	Flake 6-10mm: Jasper		-	-	
598	C8.03	III	1	1	Flake 11-15mm: Chert		-	-	
598	C8.03	III	1	1	Flake 26-30mm: Chert		-	-	
598	C8.03	III	1	1	Flake 31-35mm: Chert		-	-	

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599	C8.04	II	I	-	Faunal: Clam		6.7	3	DISCARDED
599	C8.04	II	I	-	Faunal: Oyster		40.35	52	DISCARDED
599	C8.04	II	I	6	Faunal: Bone		-	-	
599	C8.04	II	I	1	Flake 11-15mm: Chert		-	-	
599	C8.04	II	I	3	Flake 16-20mm: Chert		-	-	
599	C8.04	II	I	1	Plumbing, Ceramic: Drainage Pipe		-	-	
599	C8.04	II	I	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
599	C8.04	II	I	2	Miscellaneous, Metal: Unidentified		-	-	DISCARDED
600	C8.04	III	I	-	Faunal: Oyster		4.3	6	DISCARDED
600	C8.04	III	I	1	Flake 16-20mm: Chert		-	-	
600	C8.04	III	I	1	Unidentified Prehistoric Ware: Smoothed, Rim		-	-	NO TEMPER
601	C8.05	II	I	-	Faunal: Clam		1.85	-	DISCARDED
601	C8.05	II	I	-	Faunal: Oyster		8.45	9	DISCARDED
601	C8.05	II	I	1	Fire-Cracked Rock: Untyped		8.45	-	DISCARDED
602	C8.05	III	I	1	Flake 16-20mm: Jasper		-	-	
602	C8.05	III	I	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
602	C8.05	III	I	2	Faunal: Bone		-	-	
603	C8.06	II	I	-	Faunal: Clam		0.1	2	DISCARDED
603	C8.06	II	I	-	Faunal: Oyster		1.65	3	DISCARDED
603	C8.06	II	I	1	Faunal: Bone		-	-	
603	C8.06	II	I	1	Faunal: Whelk		-	-	
603	C8.06	II	I	3	Window Glass: All Thicknesses		-	-	
604	C8.06	III	I	1	Flake 16-20mm: Chert		-	-	0
604	C8.06	III	I	2	Fire-Cracked Rock: Sandstone		9.9	-	
604	C8.06	III	I	2	Window Glass: All Thicknesses		-	-	

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605	C8.07	I	1	1	Ironstone: Gilded Overglaze	1880-2000	-	-	
605	C8.07	I	1	1	Miscellaneous, Metal: Bolt		-	-	DISCARDED
605	C8.07	I	1	1	Window Glass: All Thicknesses		-	-	
606	C8.07	II	1	-	Faunal: Clam		2.15	2	
606	C8.07	II	1	-	Faunal: Oyster		4.2	4	
606	C8.07	II	1	1	Flake 11-15mm: Chert		-	-	
606	C8.07	II	1	1	Flake 16-20mm: Chert		-	-	
606	C8.07	II	1	1	Flake 26-30mm: Chert		-	-	
606	C8.07	II	1	1	Flake w/Cortex 16-20mm: Chert		-	-	
606	C8.07	II	1	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
606	C8.07	II	1	1	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
607	C8.07	III	1	-	Faunal: Oyster		2.7	2	DISCARDED
607	C8.07	III	1	1	Flake 31-35mm: Jasper		-	-	
608	C8.08	II	1	-	Faunal: Clam		0.7	-	DISCARDED
608	C8.08	II	1	-	Faunal: Oyster		2.15	5	DISCARDED
608	C8.08	II	1	1	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
608	C8.08	II	1	1	Whiteware: Annular	1810-2000	-	-	
608	C8.08	II	1	1	Whiteware: Plain	1810-2000	-	-	
608	C8.08	II	1	2	Window Glass: All Thicknesses		-	-	WITH BLACK TINTING PAPER
608	C8.08	II	1	3	Brick, Fragment: Unidentified, Unglazed		0.15	-	DISCARDED
609	C8.08	III	1	1	Flake 26-30mm: Chert		-	-	
609	C8.08	III	1	3	Mortar: Plaster		-	-	DISCARDED
610	C8.08	IV	1	1	Window Glass: All Thicknesses		-	-	WITH BLACK TINTING PAPER

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611	C8.09	II	1	-	Faunal: Clam		4.5	2	DISCARDED
611	C8.09	II	1	-	Faunal: Oyster		5.4	5	DISCARDED
611	C8.09	II	1	1	Faunal: Bone		-	-	
611	C8.09	II	1	1	Flake 11-15mm: Jasper		-	-	
611	C8.09	II	1	1	Whiteware: Annular	1810-2000	-	-	
611	C8.09	II	1	1	Tile: Ceramic		-	-	
611	C8.09	II	1	1	Hardware, Glass: Drawer or Door Knob		-	-	
611	C8.09	II	1	1	Machine-Made Bottle Fragment: Amber	1903-2000	-	-	
611	C8.09	II	1	1	Miscellaneous Glass Tableware: Unspecified, Fragment		-	-	
611	C8.09	II	1	1	Window Glass: All Thicknesses		-	-	
611	C8.09	II	1	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
611	C8.09	II	1	2	Coal: Lump/Nugget		-	-	DISCARDED
611	C8.09	II	1	1	Mortar: Plaster		-	-	DISCARDED
612	C8.09	III	1	-	Faunal: Clam		15.05	11	DISCARDED
612	C8.09	III	1	-	Faunal: Oyster		14.45	20	DISCARDED
612	C8.09	III	1	1	Flake 6-10mm: Jasper		-	-	
612	C8.09	III	1	1	Flake 11-15mm: Chert		-	-	
612	C8.09	III	1	1	Flake 11-15mm: Jasper		-	-	
612	C8.09	III	1	3	Flake 21-25mm: Rhyolite		-	-	
612	C8.09	III	1	1	Flake 26-30mm: Jasper		-	-	
612	C8.09	III	1	1	East River Ware: Incised, Body	1100-1700	-	-	
612	C8.09	III	1	1	Mortar: Plaster		-	-	DISCARDED
612	C8.09	III	1	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
612	C8.09	III	1	6	Mortar: Painted		-	-	BLACK, DISCARDED
612	C8.09	III	1	7	Coal: Lump/Nugget		-	-	DISCARDED
612	C8.09	III	1	1	Machine-Made Bottle Fragment: Amber	1903-2000	-	-	
612	C8.09	III	1	1	Machine-Made Bottle Fragment: Clear	1903-2000	-	-	
614	C8.09	III	2	-	Faunal: Clam		13.25	10	DISCARDE
614	C8.09	III	2	-	Faunal: Oyster		5.85	4	DISCARDED
614	C8.09	III	2	1	Faunal: Bone		-	-	

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LOT	UNIT	STRAT	LVL	CT	ARTIFACT DESCRIPTION	DATE	WT (oz.)	CT	COMMENTS
613	C8.09	IIIA	1	-	Faunal: Clam		6	-	DISCARDED
613	C8.09	IIIA	1	-	Faunal: Oyster		6.15	-	DISCARDED
613	C8.09	IIIA	1	7	Faunal: Bone		-	-	
613	C8.09	IIIA	1	1	Lamp Chimney, Glass: Clear		-	-	
613	C8.09	IIIA	1	1	Pipe Stem: 5/64th-Inch Ball Clay		-	-	
613	C8.09	IIIA	1	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
615	C8.09	IV	1	-	Faunal: Clam		25.35	26	
615	C8.09	IV	1	-	Faunal: Oyster		49.95	38	
615	C8.09	IV	1	34	Faunal: Bone		-	-	TINY FRAGMENTS
615	C8.09	IV	1	1	Blocky Fragment 25-40mm: Chert		-	-	
615	C8.09	IV	1	1	Flake 16-20mm: Rhyolite		-	-	
615	C8.09	IV	1	4	Flake 16-20mm: Chert		-	-	
615	C8.09	IV	1	2	Flake 21-25mm: Rhyolite		-	-	
615	C8.09	IV	1	1	Flake 21-25mm: Chert		-	-	
615	C8.09	IV	1	1	Flake 21-25mm: Jasper		-	-	
615	C8.09	IV	1	1	Flake 26-30mm: Chert		-	-	
615	C8.09	IV	1	1	Levanna Point: Rhyolite	700-1450	-	-	
615	C8.09	IV	1	1	Unidentified Prehistoric Ware: Cordmarked, Body		-	-	
616	C8.09	V	1	-	Faunal: Clam		1.95	1	DISCARDED
616	C8.09	V	1	-	Faunal: Oyster		14.5	13	DISCARDED
616	C8.09	V	1	14	Faunal: Bone		-	-	
616	C8.09	V	1	1	Flake 11-15mm: Jasper		-	-	
616	C8.09	V	1	2	Flake 11-15mm: Chert		-	-	
616	C8.09	V	1	1	Flake 16-20mm: Chert		-	-	
616	C8.09	V	1	1	Flake 21-25mm: Chert		-	-	
616	C8.09	V	1	1	Flake 26-30mm: Jasper		-	-	
616	C8.09	V	1	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
616	C8.09	V	1	2	Fire-Cracked Rock: Chert		13.4	-	DISCARDED
616	C8.09	V	1	3	Fire-Cracked Rock: Untyped		1	-	DISCARDED
616	C8.09	V	1	1	Machine-Made Bottle Fragment: Amber	1903-2000	-	-	

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617	C8.09	V	2	-	Faunal: Clam		1.2	-	DISCARDED
617	C8.09	V	2	1	Flake 11-15mm: Chert		-	-	
617	C8.09	V	2	3	Fire-Cracked Rock: Untyped		1.25	-	DISCARDED
617	C8.09	V	2	1	Window Glass: All Thicknesses		-	-	
618	C8.09	VI	1	1	Faunal: Bone		-	-	BURNED FRAGMENT
618	C8.09	VI	1	1	Block Fragment w/Cortex 10-25mm: Jasper		-	-	BANDED
618	C8.09	VI	1	1	Blocky Fragment w/Cortex 25-40mm: Chert		-	-	
618	C8.09	VI	1	1	Flake 6-10mm: Chert		-	-	
618	C8.09	VI	1	1	Flake 6-10mm: Jasper		-	-	
618	C8.09	VI	1	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
619	C8.09	VI	2	1	Flake 6-10mm: Chert		-	-	
619	C8.09	VI	2	1	Flake 16-20mm: Jasper		-	-	
619	C8.09	VI	2	1	Flake 26-30mm: Jasper		-	-	
620	C8.10	II	1	-	Faunal: Clam		7.1	4	DISCARDED
620	C8.10	II	1	-	Faunal: Oyster		17.4	12	DISCARDED
620	C8.10	II	1	1	Flake 6-10mm: Chert		-	-	
620	C8.10	II	1	1	Flake 11-15mm: Jasper		-	-	
620	C8.10	II	1	1	Blocky Fragment w/Cortex 40-70mm: Chert		-	-	
620	C8.10	II	1	2	Unidentified Nail: Cut or Wrought		-	-	DISCARDED
620	C8.10	II	1	3	Window Glass: All Thicknesses		-	-	
621	C8.10	II	2	-	Faunal: Clam		2.7	15	DISCARDED
621	C8.10	II	2	-	Faunal: Oyster		103.25	73	DISCARDED
621	C8.10	II	2	1	Flake 11-15mm: Chert		-	-	
621	C8.10	II	2	1	Flake 16-20mm: Chert		-	-	
621	C8.10	II	2	1	Flake 21-25mm: Chert		-	-	
621	C8.10	II	2	3	Flake 16-20mm: Jasper		-	-	
621	C8.10	II	2	1	Flake 21-25mm: Jasper		-	-	
621	C8.10	II	2	1	Flake w/Cortex 36-40mm: Jasper		-	-	
621	C8.10	II	2	1	Untyped, Notched Point: Chert		-	-	POSSIBLE EAR-NOTCHED, NO BASE
621	C8.10	II	2	1	Unidentified Nail: Cut or Wrought		-	-	DISCARDED

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622	C8.10	III	1	-	Faunal: Clam		1.5	-	DISCARDED
622	C8.10	III	1	-	Faunal: Oyster		1.4	-	DISCARDED
622	C8.10	III	1	1	Flake 6-10mm: Chert		-	-	
622	C8.10	III	1	1	Flake 16-20mm: Chert		-	-	
622	C8.10	III	1	5	Flake 16-20mm: Jasper		-	-	
622	C8.10	III	1	1	Flake 26-30mm: Rhyolite		-	-	
622	C8.10	III	1	1	Flake 36-40mm: Chert		-	-	
622	C8.10	III	1	1	Projectile Point Fragment: Jasper		-	-	TIP
622	C8.10	III	1	1	Unidentified Prehistoric Ware: Cordmarked, Body		-	-	
622	C8.10	III	1	1	Unidentified Prehistoric Ware: Cordmarked, Body		-	-	
622	C8.10	III	1	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
623	C8.10	III	2	2	Flake 11-15mm: Jasper		-	-	
623	C8.10	III	2	1	Flake 16-20mm: Jasper		-	-	
623	C8.10	III	2	1	Flake 21-25mm: Jasper		-	-	
623	C8.10	III	2	2	Flake 16-20mm: Rhyolite		-	-	
623	C8.10	III	2	1	Multifaceted Core: Chert, Cobble		-	-	
623	C8.10	III	2	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
624	C8.10	IV	1	1	Flake 6-10mm: Chert		-	-	
624	C8.10	IV	1	3	Flake 16-20mm: Jasper		-	-	
624	C8.10	IV	1	1	Flake 26-30mm: Jasper		-	-	
624	C8.10	IV	1	1	Flake >45mm: Rhyolite		-	-	HEAVY EROSION
624	C8.10	IV	1	1	Unfinished Biface: Jasper		-	-	
624	C8.10	IV	1	1	Unidentified Prehistoric Ware: Fine Sand Tempered, Body		-	-	
624	C8.10	IV	1	2	Unidentified Prehistoric Ware: Cordmarked, Body		-	-	

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LOT	UNIT	STRAT	LVL	CT	ARTIFACT DESCRIPTION	DATE	WT (oz.)	CT	COMMENTS
625	C8.10	IV	2	1	Flake 6-10mm: Quartz		-	-	
625	C8.10	IV	2	2	Flake 6-10mm: Chert		-	-	
625	C8.10	IV	2	2	Flake 6-10mm: Jasper		-	-	
625	C8.10	IV	2	1	Flake 11-15mm: Chert		-	-	
625	C8.10	IV	2	1	Flake 11-15mm: Jasper		-	-	
625	C8.10	IV	2	1	Flake 16-20mm: Quartz		-	-	
625	C8.10	IV	2	1	Flake 21-25mm: Jasper		-	-	
625	C8.10	IV	2	1	Flake 26-30mm: Chert		-	-	
626	C8.10	IV	3	1	Flake 26-30mm: Jasper		-	-	
626	C8.10	IV	3	1	Flake 26-30mm: Rhyolite		-	-	

Appendix G:  
Faunal Remains Inventory

by

Claudia Milne

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**Appendix G: Faunal Remains**

LOT	CONTEXT	SPECIES	ANATOMY	PART	CT	FRAG	SIDE	FUSION	BUTCHERY	CONDITION	COMMENT
599	C8.04 (II)	Med Mammal	Long Bone	Mid	2	0.2	-	-	-	-	-
599	C8.04 (II)	Med Mammal	Fragment	-	1	0.2	-	-	-	-	-
599	C8.04 (II)	Indet Bird	Long Bone	Mid	2	0.2	-	-	-	-	-
599	C8.04 (II)	Turkey	Coracoid	Prox	1	0.2	L	-	-	Weathered (Very)	-
601	C8.05 (II)	Indet Mammal	Long Bone	Mid	1	0.2	-	Unfused	-	Weathered	-
601	C8.05 (II)	Deer	Molar(2)-Upper	-	1	-	R	-	-	Weathered	-
603	C8.06 (II)	Sheep/Deer	Tooth	-	1	0.2	-	-	-	-	-
611	C8.09 (II-1)	Med Mammal	Fragment	-	1	0.2	-	-	-	Weathered	Possible pig metapodial
613	C8.09 (IIIA)	Med Mammal	Astragalus	-	1	0.2	-	-	-	Burnt/Weathered	-
613	C8.09 (IIIA)	Med Mammal	Fragment	-	2	0.2	-	-	-	Burnt	-
613	C8.09 (IIIA)	Med Mammal	Fragment	-	4	0.2	-	-	-	-	-
615	C8.09 (IV-1)	Med Mammal	Vert.	-	1	0.2	-	-	-	-	-
615	C8.09 (IV-1)	Med Mammal	Long Bone	Mid	3	0.2	-	-	-	-	-
615	C8.09 (IV-1)	Med Mammal	Long Bone	Mid	8	0.2	-	-	-	-	-
615	C8.09 (IV-1)	Med Mammal	Rib	Mid	3	0.2	-	-	-	-	-
615	C8.09 (IV-1)	Sheep/Deer	Tooth Frag	-	1	0.2	-	-	-	-	-
615	C8.09 (IV-1)	Indet Bird	Long Bone	Mid	1	0.2	-	-	-	-	-
615	C8.09 (IV-1)	Indet Mammal	Fragment	-	16	0.2	-	-	-	-	-
616	C8.09 (V-1)	Deer	Astragalus	Whole	1	0.7	L	-	-	Weathered (Very)	-
616	C8.09 (V-1)	Med Mammal	Scapula	Mid	2	0.2	-	-	-	-	-
616	C8.09 (V-1)	Indet Mammal	Fragment	-	13	0.2	-	-	-	-	-
618	C8.09 (VI-1)	Indet Animal	Fragment	-	1	0.2	-	-	-	Highly Burnt	Smooth, possible turtle shell