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SUPPLEMENTAL PHASE I ARCHAEOLOGICAL SURVEY AND PHASE II ARCHAEOLOGICAL EVALUATION OF SITES 18PR750, 18MO749, AND 18MO751 PRINCE GEORGE'S AND MONTGOMERY COUNTIES, MARYLAND

THE I-495/I-270 MANAGED LANES STUDY (MARYLAND DEPARTMENT OF TRANSPORTATION), FAIRFAX COUNTY, VIRGINIA

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Prepared by:

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STATE HIGHWAY ADMINISTRATION

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SUPPLEMENTAL PHASE I ARCHAEOLOGICAL SURVEY AND PHASE II ARCHAEOLOGICAL EVALUATION OF SITES 18PR750, 18MO749, AND 18MO751 FOR THE I-495/I-270 MANAGED LANES STUDY PROJECT, PRINCE GEORGE'S AND MONTGOMERY COUNTIES, MARYLAND

FOR THE I-495/I-270 MANAGED LANES STUDY (MARYLAND DEPARTMENT OF TRANSPORTATION), FAIRFAX COUNTY, VIRGINIA

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December 12, 2019

ABSTRACT

TRC Environmental Corporation (TRC) performed supplemental Phase I survey and Phase II archaeological evaluation at sites 18PR750, 18MO749, and 18MO751 for the I-495/I-270 Managed Lanes Study project on behalf of the Maryland Department of Transportation, State Highway Administration (MDOT SHA). Site 18PR750 is located in Maryland Archaeological Research Unit 11, and the supplemental survey areas and sites 18MO749 and 18MO751 are located in Maryland Archaeological Research Unit 12. The archaeological fieldwork was conducted from December 12–20, 2018 and March 4–15, 2019 and on July 9, August 5, and August 8, 2019.

Site 18PR750 is located on a floodplain and terrace of [redacted] and covers 1.75 acres. A total of 106 shovel tests and four test units were excavated during the Phase II evaluation at site 18PR750, resulting in the recovery of seven prehistoric and two historic period artifacts. The Phase II investigation at site 18PR750 produced a very low number of artifacts, and the archaeological deposits do not appear to be in an intact context as the site has been disturbed by the construction/maintenance of the Interstate Highway system, flood scouring, erosion, sewer line construction/maintenance, and waterway alterations. It is unlikely that additional archaeological investigations at 18PR750 would recover cultural material that would provide meaningful data pertinent to any research questions. Site 18PR750 is recommended not eligible for the National Register of Historic Places (NRHP), and no further archaeological investigation of this site is recommended.

Site 18MO749 is located on a terrace above the [redacted] and covers 2.88 acres. Phase II investigation of 18MO749 involved the excavation of 68 shovel tests and three test units, resulting in the recovery of 6,391 prehistoric and six historic period artifacts and the identification of one prehistoric pit feature. The Phase II investigation at site 18MO749 produced a substantial and varied prehistoric assemblage, including prehistoric ceramic wares associated with the Early, Middle, and Late Woodland periods and a wide diversity of lithic tool types and raw materials. The site is characterized by complex alluvial stratigraphy, and although a very small number of historic artifacts were found with the prehistoric artifacts in the upper strata in some parts of the site, the site does appear to contain intact stratified prehistoric deposits. One pit feature and several apparent lithic reduction activity areas were encountered and partially excavated during the investigation, and the recovery of fire cracked rock and calcined bone suggests the potential for the presence of additional cultural features. Site 18MO749 has the potential to provide substantive data that could be useful in addressing a variety of regional research issues, including those related to lithic procurement and reduction, resource procurement, temporal data, and Woodland period settlement patterns. This site is recommended eligible under NRHP Criterion D, and avoidance or data recovery investigation is recommended.

Site 18MO751 is located at C&O Canal Lock [redacted] on an upper terrace above the [redacted] and covers 2.95 acres. Phase II fieldwork at 18MO751 consisted of the excavation of 52 shovel tests and five test units and recovered 2,515 historic artifacts associated with the early 19th through early 20th century Lock [redacted] residential occupation, as well as a modest prehistoric assemblage associated with Late Archaic and Early Woodland period use of this area. A stone foundation identified during the survey was further documented and investigated, but its function and temporal association are still unclear. The Phase II investigation produced a substantial and varied historic period assemblage, including activities, architectural, arms and ammunition, clothing, furniture, kitchen, personal, and tobacco group artifacts. Structural features associated with the lock house at C&O Canal Lock [redacted] were encountered and partially excavated during the investigation, and there is good potential for the presence of additional cultural features and patterned artifact deposits. Site 18MO751 has the potential to provide substantive data that could be useful in addressing a variety of regional research issues, including those related to early 19th through early 20th

century consumer behavior and the lifeways of C&O Canal lock house keepers. This site is recommended eligible under NRHP Criteria A, C, and D, and avoidance or data recovery investigation is recommended.

The supplemental survey was conducted in areas on [redacted] that are subject to impacts from newly identified project refinements and were not previously surveyed. The supplemental survey identified one isolated find (FS-6) and recovered artifacts associated with two previously recorded sites (18MO22 and 18MO750). These all represent localized low-density deposits within relict portions of the landforms characterized by steep slopes, areas of standing water, and/or disturbance related to interstate highway and canal construction. None of these archaeological resources is characterized by substantial or intact deposits, no intact subsurface cultural features were identified, and much of the tested areas has been extensively disturbed. These resources do not offer further research potential and are recommended not eligible for the NRHP. No additional archaeological investigation is recommended on sites 18MO22 and 18MO750 and isolated find FS-6 in association with this project.

ACKNOWLEDGMENTS

The authors would like to acknowledge the assistance of a number of individuals. In particular, the authors greatly appreciate Mr. Richard Ervin of the State Highway Administration for providing guidance, support, and research materials. Joshua Torres, Justin Ebersole, and Sophia Kelly of the National Capital Region National Park Service are thanked for their assistance and for facilitating the issuance of the ARPA permit. Marian Creveling, NPS Acting Regional Archeologist, for the National Capital Region, is thanked for her assistance with curation. In addition, Dave Margolis of the Development Services Group of the Washington Suburban Sanitary Commission is thanked for providing information regarding the sewer line located within site 18PR750.

The project was conducted by TRC with assistance from New South Associates (NSA). Rachael Hutchison, Tyler Parrott, and Chandra Wilson served as Archaeological Field Technicians for TRC; Jamie Richert, Jessica Devlin, Michelle Gilman, Madeline Laderoute, Tyler Ball, Shawn Watson, Matt Wynn, Lucas Pettinati, Wade Dozier, Hannah Exum, Crystal Reedy, Stormy Jeans, Scott Gajewski, Corry Laughlin, Seth Marshall, Rae Smith, Thomas Vallrugo, and Deanna Megginson served as Archaeological Field Technicians for NSA, and Theresa Hamby was the NSA Project Coordinator. Jason Blood, Justin Warrenfeltz, Tracy Millis, Bruce Idol, and Jeff Johnson served as Field Directors, and Heather Millis served as Principal Investigator. Background research was conducted by Jason Blood, Justin Warrenfeltz, and Heather Millis. The artifacts were processed by Rachael Hutchison, Chandra Wilson, Lucas Pettinati, Wade Dozier, Rae Smith, and Nate Fosaaen and analyzed by Johann Furbacher, Jason Blood, and Heather Millis. The graphics were created by Matt Paré, Hannah P. Smith, and Heather Millis, and artifact plates were photographed by Hannah P. Smith. Curation preparation was performed by Hannah P. Smith, Rachael Hutchison, and Johann Furbacher.

Dr. Daniel P. Wagner of Geo-Sci Consultants LLC conducted geomorphological studies on all three project sites.

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FIGURES

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1. INTRODUCTION

TRC Environmental Corporation (TRC) performed supplemental Phase I survey and Phase II archaeological evaluation of sites 18PR750, 18MO749, and 18MO751 for the I-495/I-270 Managed Lanes Study project on behalf of the Maryland Department of Transportation, State Highway Administration (MDOT SHA). Site 18PR750 is located in Maryland Archaeological Research Unit 11, within the [redacted] in northwestern Prince George's County, and the supplemental survey areas and sites 18MO749 and 18MO751 are located in Maryland Archaeological Research Unit 12, just [redacted] in southern Montgomery County (Figures 1.1–1.3). The supplemental survey areas and sites 18MO749 and 18MO751 are located on the Chesapeake and Ohio (C&O) Canal National Historic Park, and Archaeological Resources Protection Act (ARPA) permit 19-CHOH-02 was obtained for the archaeological work in those areas. The archaeological fieldwork was conducted from December 12–20, 2018 and March 4–15, 2019 and on July 9, August 5, and August 8, 2019.

Site 18PR750 was identified during the 2004 Phase I survey for proposed improvements to I-495/I-270 by the recovery of quartz and quartzite bifaces, cores, flakes, and fire-cracked rocks from several shovel tests and two test units (Diamanti et al. 2008). The site is bounded to the south by two large sewer lines, to the west [redacted], to the east by wetlands and a transmission line corridor, and to the north by slope greater than 15 percent and [redacted]. The area had been disturbed by a variety of erosional forces, flood scouring, interstate construction and maintenance, sewer line construction and maintenance, and water pooling, but it was thought based on the Phase I data that there was some indication of culturally stratified deposits. Although no temporally diagnostic artifacts were recovered, the assemblage suggested that activities such as food preparation and lithic tool manufacturing may have occurred at the site, and the presence of fire-cracked rocks suggested the potential for cultural features. The Phase I investigation concluded that the site may be eligible for the NRHP.

Sites 18MO749 and 18MO751 were identified during recent Phase I survey for proposed improvements to I-495/I-270 (Arnold et al. 2019). Both sites are located within the C&O Canal National Historic Park on a terrace above the [redacted] in southern Montgomery County. Site 18MO749 is bounded to the north by wetland, to the west and south by rocky outcrops, and to the east by disturbance and [redacted]. During the Phase I fieldwork, the site produced 30 quartz and one quartzite pieces of debitage, two biface fragments, and an Accokeek ware sherd, all from 1.5 to 2.0 ft below surface in deep alluvial soils.

Site 18MO751 is located [redacted] and contains the remains of a lock house and at least one other structure associated with C&O Canal Lock [redacted]. During the Phase I fieldwork, the site produced late 18th to late 19th century artifacts primarily from 0.2 to 0.8 ft below surface, but some artifacts were found in the second stratum from 0.8 to 1.2 ft below surface. The Phase I assemblage contains a total of 100 artifacts, including pearlware, whiteware, ironstone, gray stoneware, yellowware, cut and wire nails, a button, brick fragments, mortar, faunal remains, window glass, machine-made bottle glass, and unidentifiable metal fragments. Both sites were considered likely to contain intact cultural features and deposits that could contribute substantive data regarding historic and prehistoric occupations in the region and were recommended for Phase II testing to determine their eligibility for the NRHP.

The supplemental survey was conducted in areas of the [redacted] that are subject to impacts from newly identified project refinements that were not previously surveyed. These involve small areas located [redacted].

The supplemental survey identified one isolated find (FS-6) and recovered artifacts associated with two previously recorded sites (18MO22 and 18MO750) (Figure 1.3). These all represent localized low-density deposits within relict portions of the landforms characterized by steep slopes, areas of standing water, and/or disturbance related to interstate highway and canal construction. None of these archaeological resources is characterized by substantial or intact deposits, no intact subsurface cultural features were identified, and much of the tested areas has been extensively disturbed. These resources do not offer further research potential and are recommended not eligible for the NRHP. No additional archaeological investigation is recommended on sites 18MO22 and 18MO750 and isolated find FS-6 in association with this project.

The following chapters detail the methods and results of the Phase II investigations; environmental and historic contexts for this project are presented in the primary project reports (Arnold et al. 2019; Hutchins-Keim et al. 2018) and only pertinent site specific details are presented in the results chapters of this addendum. Chapter 2 details the research goals and methods. Chapters 3–5 present the results of the Phase II evaluations, and Chapter 6 presents the results of the supplemental survey. Chapter 7 contains a summary of the conclusions and recommendations and is followed by a list of references cited in the text. The artifact catalogs are attached as Appendix 1, Appendix 2 is the updated MHT site forms, Appendix 3 is the geomorphology reports, and Appendix 4 is the ARPA permit.

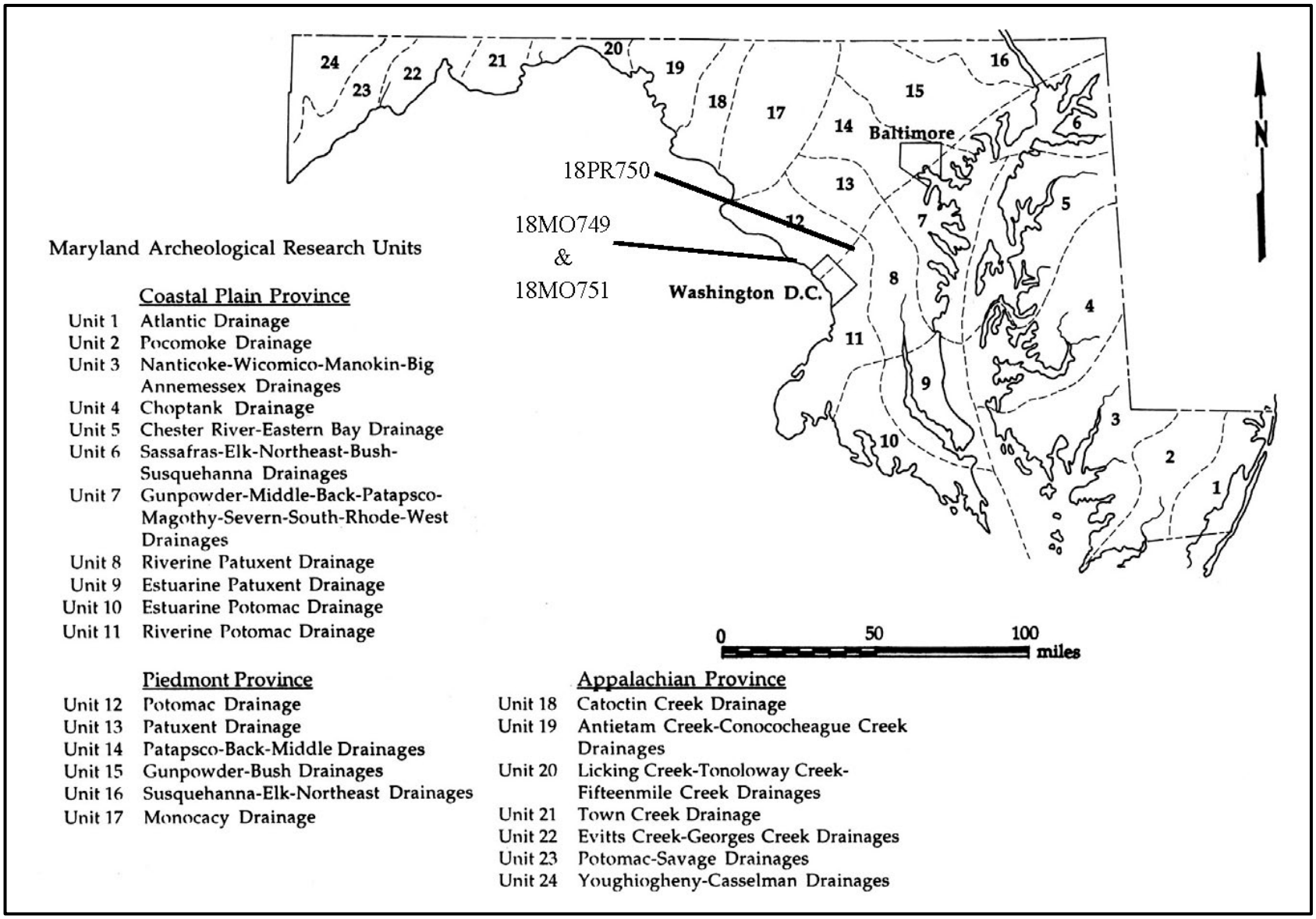

Figure 1.1. Project Site Locations in Maryland Archaeological Research Units 11 and 12.

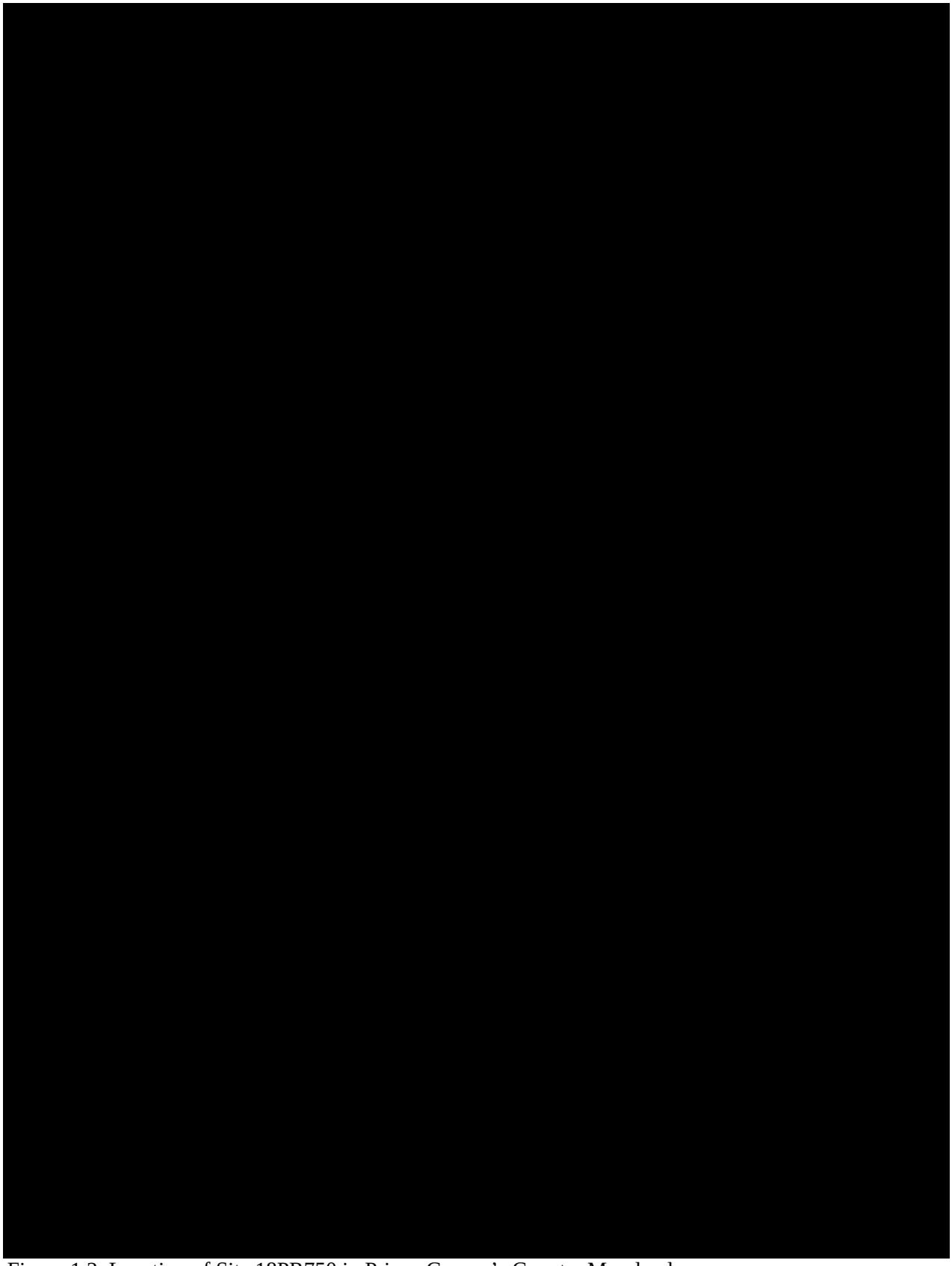

Figure 1.2. Location of Site 18PR750 in Prince George's County, Maryland.

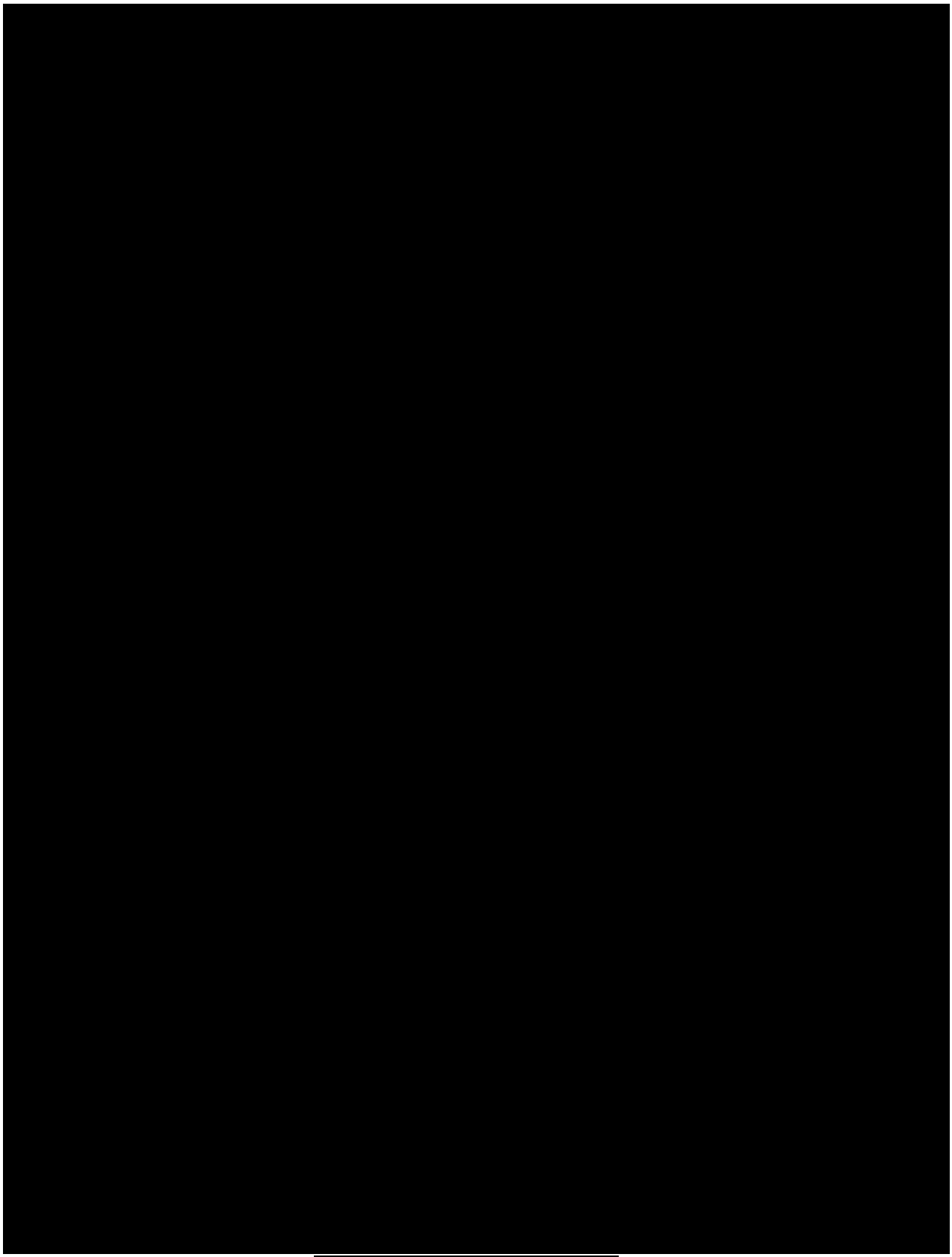

Figure 1.3. Location of Sites in the [redacted] in Montgomery County, Maryland.

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2. RESEARCH GOALS AND METHODS

RESEARCH GOALS

The goal of the Phase I survey was to determine whether archaeological resources were located in areas not covered by prior investigations and to evaluate any identified resources for the NRHP as far as possible using Phase I methods. The goals of the Phase II investigations were to evaluate the NRHP eligibility of archaeological resources at each site and determine the need for any further archaeological investigations.

RESEARCH METHODS

The investigations complied with and were consistent with all pertinent federal and state regulations, including, but not limited to, the 1986 Specifications for Consulting Engineers Services Manual, Section IV; Section 106 of the *National Historic Preservation Act* and its implementing regulations (36CFR 800, *Protection of Historic Properties*), as amended; the *National Environmental Policy Act* of 1969; the Advisory Council on Historic Preservation's *Treatment of Archaeological Properties*; the Secretary of the Interior's *Standards and Guidelines for Archaeology and Historic Preservation* (1983); the MDOT SHA's 2017 *Archaeology Guidelines for Consultants*; the Maryland Historical Trust's *Standards and Guidelines for Archaeological Investigations in Maryland* (Shaffer and Cole 1994) and *Technical Update No. 1 of the Standards and Guidelines for Archeological Investigations in Maryland: Collections and Conservation Standards* (Morehouse et al. 2018); 36 CFR Part 79, *Curation of Federally-Owned and Administered Archeological Collections*; the revised National Park Service's *Museum Handbook on Accessioning and Cataloging Museum Objects*; the Maryland Historical Trust Act of 1985, as amended (State Finance and Procurement Article 5A-325 and 5A-326 of the Annotated Code of Maryland), and Archaeological Resources Protection Act permit 19-CHOH-02.

Background Research

Extensive background research has been conducted for this project, including detailed historical research for site 18MO751 (Arnold et al. 2019; Hutchins-Keim et al. 2019), and only limited additional research was performed to provide context for the interpretation of the archaeological deposits. Background research for site 18MO751 involved the examination of historic documents related to the site property and the C&O Canal, and research for sites 18PR750 and 18MO749 involved examination of comparative data contained in regional archaeological reports and published articles and books. Additional background research conducted for the Phase I survey involved an examination of records regarding previously recorded resources in the area.

Archaeological Fieldwork

Shovel Testing. Phase I survey shovel test pits (STPs) were excavated at 50-foot intervals, and radial shovel tests were excavated around positive shovel tests at 15-ft intervals as necessary. Initially, Phase II STPs were excavated at 50-ft intervals across each site as necessary to re-define the boundary, delineate intra-site activity areas, further refine stratigraphy, and determine locations for optimal test unit placement. Radial STPs were excavated around artifact producing STPs at 15-ft intervals and at shorter intervals in selected other areas to further examine stratigraphy or confirm Phase I results. Some Phase I STPs were re-excavated during the Phase II investigation. Each STP was 1.5 foot in diameter, a straight-sided cylinder, excavated by strata in tenths of feet, and excavated to Pleistocene soils, the water table, bedrock, or the maximum feasible depth of hand excavation. If Pleistocene soils, bedrock, or the water table was not reached, a hand auger was used to examine deeper deposits. All soils were screened through a ¼ inch mesh screen positioned over a tarp. Each STP was assigned an individual designation based on the grid

established for the site, and its location was plotted on a site map and recorded with a handheld GPS unit with submeter accuracy. Detailed notes regarding soil texture in USDA NRCS terminology, Munsell color, artifact recovery, and disturbances were recorded for each stratum of each STP. All artifacts were placed in bags labeled with the site name, site number, provenience, date, initials of collector, and bag inventory number. All bags were numbered sequentially and recorded on field inventories that were checked in the field. After excavation and documentation were completed, each STP was backfilled, and the area was returned to the pre-excavation condition as far as possible. For the most part, STPs were not excavated in standing water, on slopes greater than 15 percent, or in utility line corridors, although STPs were placed in suspected disturbed areas to document the disturbance.

Test Unit Excavation. Test units (TUs) were placed on Phase II sites in areas where Phase I and Phase II STPs produced artifacts in relatively higher concentrations or where cultural features were likely to be present. Each TU was assigned an individual designation based on the grid established for each site, and its location was plotted on the project map and recorded with a GPS unit with submeter accuracy. TUs measured 5 × 5 ft and were excavated in 0.25-ft levels and 0.5-ft levels within natural strata. All soils were screened through ¼ inch mesh positioned over a tarp. A unit level form was completed after each excavated level, which includes explanations of any changes in the basic excavation strategy, soil descriptions (including Munsell color identifications and USDA, NRCS soil texture descriptions), a list of photographs taken, and notes regarding any disturbances observed or features encountered. At the conclusion of the excavation, at least two unit walls were drawn and photographed. After excavation and documentation were completed, each TU was backfilled, and the area was returned to the pre-excavation condition as far as possible.

Feature Excavation. Any potential cultural feature encountered on a Phase II site during excavation was assigned a sequential feature number and mapped on the site map. Initially, each feature was carefully defined by troweling and mapped and photographed in plan view. In general, the feature was then cross sectioned along its long axis, and the initial half was excavated in 0.25-ft levels within fill zones if these could easily be recognized. Feature fill was screened through ¼ inch wire mesh, and all artifacts were retained for analysis. The feature was drawn and photographed in profile view. A flotation sample was taken from the second half of one potential cultural feature on 18MO749. Information generated from feature excavation was recorded on standardized feature forms. Standard soil descriptions were completed for each fill zone, including texture and Munsell color identification. Notes were taken concerning feature form, dimensions, contents, stratigraphic relationships, disturbances, and likely function, and the plan and profile maps for each feature were appended to the feature form. If at any time a feature was determined to be noncultural in origin (e.g., rodent burrow, tree root), excavation was terminated.

Site Mapping and Recording. A site grid was established prior to shovel testing on all sites, and all STPs and TUs were assigned grid coordinates (North and East) based on the location of their southwest corner. STPs, TUs, site components (structural remains, utility corridors, roads, etc.), and the boundary of each site were recorded using a Trimble GeoExplorer 7X receiver. All GPS positions were recorded in UTM coordinates using the North American Datum (NAD83). The GPS feature data were post-processed for differential correction utilizing the Goddard Space Center (GODE), Maryland CORS base station (ITRF00 1997) derived from IGS08 (New) with Pathfinder Office v.5.85, and the features were exported into ArcGIS 10.5 as shapefiles. Throughout the course of the fieldwork, a small-scale hand-drawn map was maintained for each site to track the location of all STPs and TUs and project progress. The Field Director maintained detailed notes on the field methods and progress, disturbances, and relevant environmental factors, such as characteristics of the nearest water sources, vegetation of immediate site area, soil types, and general site conditions, as the investigations progressed. Photographs of site views, cultural features, STP and TU profiles, and disturbances were taken in digital format.

Geomorphological Fieldwork

The geomorphological study entailed the pedestrian traversal of landscapes together with soil examinations by means of backhoe trenching at 18PR750 and hand auger borings at sites 18MO749 and 18MO751. Examined soils were described in accordance with standard pedological techniques and nomenclature for the field characterization of soils (e.g., Schoeneberger et al. 2012). The full geomorphology reports are provided in Appendix 3.

Laboratory Processing and Analysis

All artifacts collected during the field investigation were washed, analyzed, and prepared for curation following current MHT and/or NPS standards and guidelines, as applicable. The laboratory processing included the preparation of a detailed inventory of all recovered data to ensure that all of the materials were present and organized, and to facilitate subsequent analyses. Initially, all artifacts were cleaned using techniques appropriate to the nature and condition of the materials. Any artifacts that required specialized handling, treatment, and conservation (such as perishable materials including bone) were separated from other artifacts and set aside. Several prehistoric ceramics from 18MO749 that contain sooting on the interior were only dry brushed.

Following this, all artifacts were catalogued using MDOT SHA's artifact catalog system (18PR750) or the National Park Service's Interior Collection Management System (ICMS) (18MO749 and 18MO751). The laboratory analyses involved a description of the overall artifact assemblages, with the artifact catalogs organized so that the databases can be manipulated by future researchers. The goal of the analyses was not only to provide the artifactual data needed to evaluate each site, but also to provide an archaeological archive useful to future researchers.

Prehistoric Lithic Analysis. Lithic artifacts were classified according to accepted regional practices. The primary division of all prehistoric lithic artifacts is into cores and/or tools that generally exhibit primarily negative flake scars and lithic debitage that generally exhibit positive bulbs of percussion. The debitage categories used are based on those outlined by Sullivan and Rozen (1985) and include complete flakes, broken flakes, and shatter. Complete flakes exhibit a positive bulb of percussion on the ventral surface and are intact; broken flakes also exhibit a positive bulb of percussion on the ventral flake surface, but have a snapped distal end; and shatter is angular flaking debris lacking a single interior (ventral) surface. A number of other attributes were recorded for each piece of debitage, including raw material, size, and reduction stage based on the presence of cortex (primary, secondary, tertiary). Lithic tools were categorized based on evidence of morphology, function, and macroscopically detectable retouch and use-wear, and fracture attributes. Projectile points are generally temporally diagnostic, and an attempt was made to classify these specimens according to regional and local types (cf. Coe 1964; Dent 1995; Justice 1987). The following attributes were recorded for each: base shape, blade shape, presence of basal grinding, presence of cortex, thermal alteration, and evidence of resharpening or reworking. Metric attributes were also recorded to the nearest 0.1 mm for length, medial width, basal width, and thickness, and weight was measured to the nearest 0.1 gram. Length and width measurements were taken at medial points on the existing artifact, whether the specimen was broken or not.

Raw Material Identification. Raw materials for prehistoric stone artifacts were identified based on macroscopic characteristics.

Prehistoric Ceramic Artifact Analysis. Prehistoric ceramic artifacts were analyzed by attributes such as temper type and size, sherd size, interior and exterior surface treatments, and adjunct decoration. Temper types observed in the collection include steatite, sand, shell, and crushed stone. Particle size categories consist of fine (⅛–¼ mm), medium (¼–½ mm), and coarse (½–1 mm). In most cases, variables for each

sherd could be assigned a single characteristic; however, temper size sometimes required the use of a range of types (e.g. medium sand to very coarse sand). Exterior and interior surface treatment, such as cordmarked, fabric impressed, incised, or smoothed, were recorded where visible (not eroded). Ceramics were then assigned to regionally recognized types (e.g., Marcey Creek, Accokeek, Potomac Creek, Rappahannock) where possible; in other cases (primarily where surface treatment is not identifiable), sherds were assigned to more descriptive categories (e.g., unclassified sand tempered cordmarked). For all rims, six additional attributes were analyzed, including rim form, rim orientation, lip form, and lip decoration. Rim forms other than plain were noted, if applicable. Rim orientation was classified as inverted, everted, or straight. Lip form categories are flat, rounded, tapered, or folded. Lip decoration, if any, was also recorded for each rim.

Historic Artifact Analysis. All historic artifacts were described and classified according to material type and function, using standardized and well-defined sorting criteria found in such sources as Noël Hume (1991). More specific published references for particular artifact types also were consulted for identification and dating information. When possible, historic artifacts also were analyzed to determine their manufacturing date range and location of manufacture.

All artifacts were grouped according to the artifact pattern model originally devised by South (1977) and revised by Garrow (1982). South's system was developed as a way of quantifying diversity in certain British Colonial-era assemblages and has inferential value in differentiating historic site types based on artifact group composition of assemblages. Since the publication of South's book in 1977, researchers have found that many archaeological sites do not fit the artifact patterns proposed by South and have added to and modified his original functional classification system (see Garrow 1982). Nevertheless, due to the widespread adoption and use of South's functional categories (and subsequent modifications and variants), it has remained an effective way to organize archaeological data and discuss past lifeways and has been used for this study.

Although originally developed by South for the identification of artifact patterning among British Colonial sites, the model has been used here *only* as a method of artifact classification. This allows for the organization of artifacts on both the provenience and component levels, and also facilitates any future cross-comparisons with other assemblages formatted in this manner. The functional groups used in this study include Kitchen (kitchen-related ceramics, glass containers and tableware, metal utensils, cooking vessels, medicinal containers, etc.), Architectural (brick, mortar, cement, nails, door parts, window glass, construction hardware, flooring or roofing material, etc.), Furniture (knobs, drawer pulls, handles, etc.), Arms and Ammunition (rifle or shotgun cartridges, bullets, gun parts, shot, gunflints, etc.), Clothing (buttons, clothing snaps, buckles, pins, beads, sewing tools, etc.), Personal (coins, keys, cologne bottles, combs, eyeglasses, mirror fragments, etc.), Tobacco Pipes (bowls and stems), and Activities (construction tools, farm tools, toys, fishing gear, lighting- or electricity-related objects, miscellaneous hardware). Objects not assignable to a particular functional group (such as melted glass or unidentifiable iron fragments) have been classified in a "Miscellaneous" category.

Historic ceramic artifacts were classified according to recognized types (e.g., pearlware, whiteware, porcelain), by decorative technique (e.g., handpainted, transfer print, decal), and by vessel form (e.g., plate, hollowware) according to standard historical archaeological practice. Glass artifacts have been described by type, color, size, and closure type according to published and web-based methods. Every effort was made to describe artifacts as precisely as possible, including the identification of specific varieties (e.g., soda bottle, medicine bottle, bowl, button, etc.), manufacturers (e.g., Knox Glass Bottle Company, Hall China Company) or brands (e.g., Pepsi-Cola, Ball Perfect Mason). Nails provide temporal and functional information based on manufacturing characteristics (e.g., Jurney 1987; Nelson 1968; Wells 1998). All nails produced prior to ca. 1790 were made by hand (hand wrought); machine made nails (machine cut, or cut nails) were introduced by 1790, coming into widespread use in the United States by 1820 (Nelson 1968:4);

and wire nails replaced cut nails as the dominant type in the 1890s and continue to be manufactured to the present.

Curation. All artifacts, written records, photographs, and other project materials will be prepared according to MHT (18PR750) or NPS (18MO749 and 18MO751) standards and stored at TRC's Chapel Hill office during the project review period. Project records and artifacts from 18PR750 will be submitted to the Maryland Archaeological Conservation Laboratory, and records and artifacts from 18MO749 and 18MO751 will be submitted to the National Park Service Museum Resource Center in Landover for permanent curation following acceptance of the final report. In addition, up to five artifacts may be selected in consultation with the MDOT SHA for conservation by the Maryland Archaeological Conservation Laboratory.

NATIONAL REGISTER ELIGIBILITY ASSESSMENT

The significance of each archaeological resource is evaluated according to the National Register *Eligibility Criteria*, as outlined in 36 CFR 60.4 (USDOI 1991). The *Eligibility Criteria* state:

> The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:
>
> A. That are associated with events that have made a significant contribution to the broad pattern of our history; or
>
> B. That are associated with the lives of persons significant in our past; or
>
> C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic value, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
>
> D. That have yielded, or may be likely to yield information important to history or prehistory.

The regulations also include several criteria considerations (USDOI 1991), but those are generally not relevant to archaeological sites. The potential eligibility of each tested site was evaluated in light of all four eligibility criteria. Most archaeological sites that are deemed eligible for the National Register are recommended due to their research potential, under Criterion D. In order to assess a site's eligibility under this criterion, researchers must consider how each site could provide data relevant to pertinent regional research questions. Several factors are considered in assessing site significance and research potential; as enumerated by Glassow (1977); these include

- the variety of remains, or clusters of remains, encountered in a specific resource;
- the quantity of remains;
- the clarity of archaeological deposits;
- the "integrity" (state of preservation or completeness of an assemblage) of archaeological deposits; and
- the environmental context of a particular locale.

Artifact variety is a quantification of the number of different artifact categories represented on a site. Artifact variety and quantity are related to a number of factors of site occupation, including site function, occupation duration, number of components, and group size, but also relate to the potential to draw meaningful data from an assemblage. There is not a direct relationship between artifact quantity and data potential, however, especially in cases where the artifacts derive from a restricted number of artifact classes and cannot be associated with specific occupational components.

The integrity of an archaeological site is determined by the degree to which the stratigraphy appears to be intact and whether or not a site contains intact cultural features, while site clarity relates to the ability with which artifacts and data from specific components can be isolated and analyzed. Although the concepts are related, the two are not always linked. It is possible for a site with good integrity to lack clarity, in that the discrete cultural features are lacking, and the degree of component overlap makes it impossible to sort out materials from individual deposits. Conversely, a small single component site could potentially have excellent clarity, while lacking features or stratigraphic integrity. The nature of deposits (intact, partially disturbed, obliterated, etc.) has direct bearing on the potential to view a site within the context of its past, and on the degree to which it can provide data based on the material record. In short, the integrity of a site (and thereby its potential NRHP eligibility) is directly tied to its capacity to address research questions.

The environmental context of a site involves the surrounding natural factors that affect post depositional changes to the archaeological remains. For example, sites can be buried intact by eolian and flood deposits or scoured by flood waters and erosion.

All of these factors must be considered when evaluating the research potential of an archaeological site—that is, its ability to provide "information important to history or prehistory." Further consideration should also be given to whether a site will not only provide redundant information, but potentially contains new or additional supportive data useful for addressing current regional research questions.

3. RESULTS OF THE PHASE II EVALUATION OF SITE 18PR750

SUMMARY OF PHASE I SURVEY RESULTS

During the Phase I survey conducted in 2004, 33 STPs and two TUs produced a total of 156 artifacts (Diamanti et al. 2008). The artifact assemblage included quartz (*n*=44), quartzite (*n*=47), and rhyolite flakes (*n*=4), quartz (*n*=37) and quartzite (*n*=7) shatter, a rhyolite preform, two quartz preforms, 488.9 g of fire-cracked rock (FCR) (*n*=8), two unidentifiable nails, one colorless container glass fragment, one aqua glass fragment, and one colorless flat glass fragment. Based on the results of the Phase I study, the site extended across three landforms: a terrace, a floodplain, and a presumed natural levee (Figure 3.1).

The Phase I survey interpreted a very complex soil stratigraphy across the site, specifically within the floodplain. The terrace stratigraphy, based on the excavation of TU B2, involved an A/Bw1/Bw2/Bw3/C horizon sequence. Artifacts on the terrace in TU B2 were found in the A horizon from 0–0.16 feet below surface (ftbs) (*n*=1), the Bw1 horizon from 0.16–0.82 ftbs (*n*=10), and the Bw2 horizon from 0.82–1.7 ftbs (*n*=3). Eight Phase I STPs on the terrace contained cultural material in the A horizon 0–0.42 ftbs (*n*=5) and the B1 horizon 0.39–1.27 ftbs (*n*=3). An undulating weathered schist bedrock C horizon was reached in TU B2 between 2.95 and 4.1 ftbs.

The floodplain stratigraphy was described from the excavation of TU B3 on the presumed natural levee, as modern alluvium (A/BC/Bw, 0–1.18 ftbs) over historic alluvium (Ab/Bwb1/Bwb2/BCb, 1.18–2.06 ftbs), underlain by mid- to late Holocene overbank deposits (2Bwb1/2Bwb2/2Bwb3/BCb/C/C2, 2.06–6.56 ftbs). Artifacts from TU B3 were found in the A horizon from 0–0.26 ftbs (*n*=9 prehistoric, *n*=2 historic), the BC horizon from 0.26–0.55 ftbs (*n*=2 prehistoric, *n*=3 historic), the Bw horizon from 0.55–1.18 ftbs (*n*=2), the Ab horizon from 1.18–1.41 ftbs (*n*=1), the Bwb1 horizon from 1.41–1.70 ftbs (*n*=3), the BCb horizon from 1.70–2.06 ftbs (*n*=8), the 2Bwb1 horizon from 2.06–3.44 ftbs (*n*=61), and the 2Bwb2 horizon from 3.44–4.42 ftbs (*n*=20). A majority of the artifacts were within the mid-Holocene overbank deposits (*n*=81), including the only lithic tools and FCR from the site, which was interpreted as a possible *in situ* living floor with the potential for containing thermal feature remnants. Only two shovel tests on the floodplain contained cultural material, and those artifacts were found in the A/B1 horizon (0–0.42 ftbs; *n*=23).

Artifacts were primarily concentrated in TU B3 and TU B2, with most STPs producing from one to three artifacts each, although STP B294 contained 20 artifacts. Three artifact concentration areas were observed. The largest concentration, located in the southwestern corner of the site, produced 111 of the 156 total artifacts; a smaller concentration, located in the northeastern portion of the site, produced 18 artifacts; and another smaller concentration in the southeastern corner of the site produced 20 artifacts. The largest concentration yielded preforms, FCR, and four of the five rhyolite artifacts. In addition, the largest concentration of artifacts was thought to represent a culturally stratified activity area, with the potential for one or more thermal features (due to the presence of FCR).

Based on the results of the Phase I survey, Phase II investigations were recommended at 18PR750 to evaluate its eligibility for the NRHP under Criterion D, due to the moderate density, apparent artifact concentrations, apparent intact stratigraphy, and depth of recovery of the artifact assemblage. The recovery of FCR within presumed *in situ* Holocene alluvium suggested the possibility of the presence of intact cultural features. In addition, it was thought that comparison to other prehistoric sites on the [redacted], specifically the Adelphi site (18PR1024), could provide additional substantive information regarding the prehistoric occupation of the region. Avoidance was not an option as the entire site is within the proposed LOD for the project, and a Phase II archaeological evaluation was necessary.

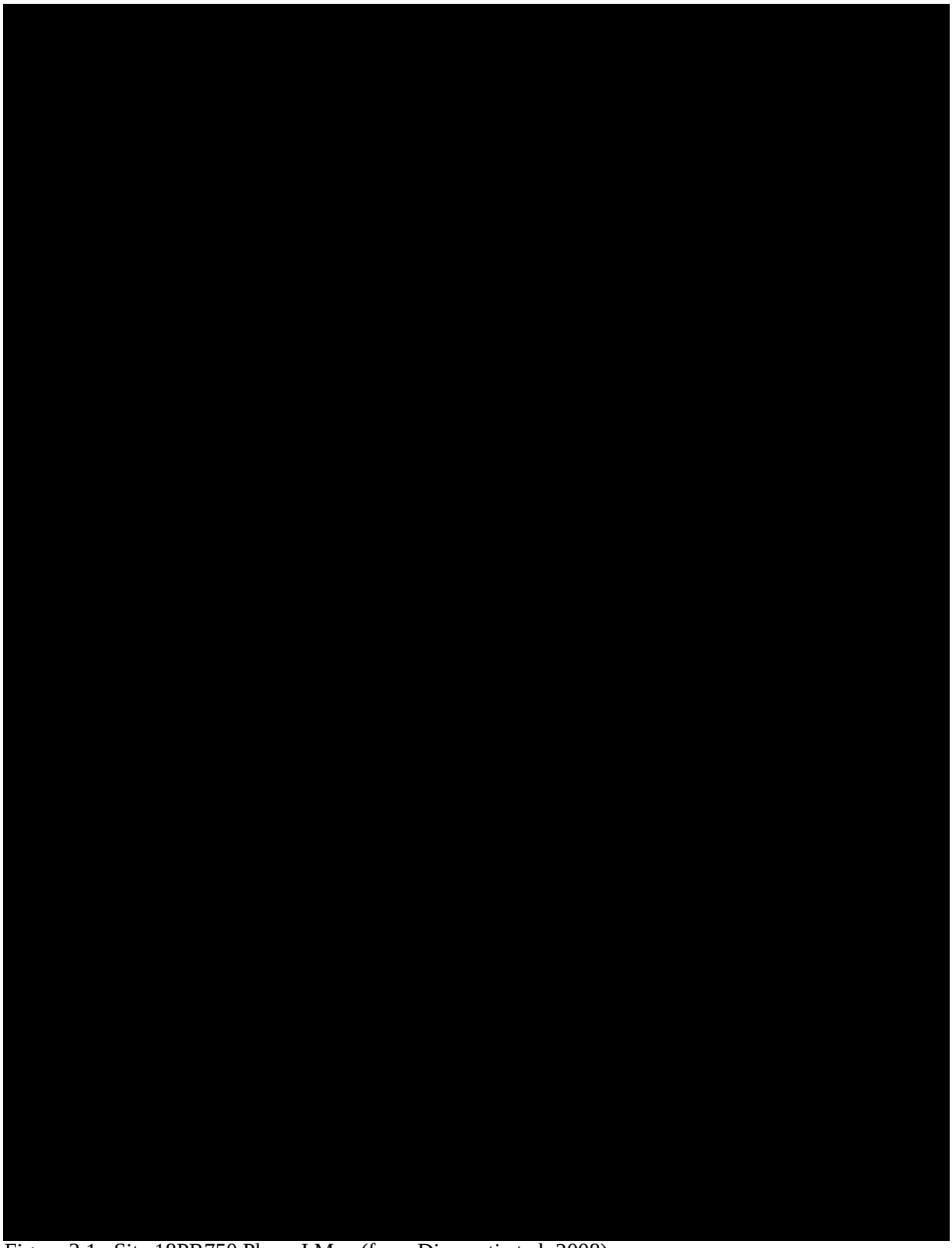

Figure 3.1. Site 18PR750 Phase I Map (from Diamanti et al. 2008).

SITE SETTING

Site 18PR750 is located on a floodplain and terrace of [redacted] (see Figure 1.2). The site is situated within a mature hardwood forest with a light to moderate understory of new growth, greenbriers, and scrub brush (Figures 3.2–3.4). Soils on the site are Codorus and Hatboro soils (frequently flooded, CF) and Udorthents highway (0–65% slopes, UdaF). The southern portion of the site, on the floodplain, is bounded to the south by two large sewer lines (identified as a gas line in the Phase I report), a 30-inch gravity line installed from 1959–1960, and a 33-inch gravity line installed from 1972–1973 (Personal communication, Dave Margolis 2019). The sewer caps are roughly 50 ft south of the Phase I TU B3, which was thought during the Phase I to be located on a natural levee (Figures 3.5 and 3.6). The western edge of the site is bounded by a [redacted], the east side is bounded by wetland and a transmission line corridor, and the north is bounded by slope greater than 15 percent and [redacted].

Figure 3.2. View of Western Portion of Site 18PR750, Facing East.

PHASE II GEOMORPHOLOGICAL STUDY (see Appendix 3)

The study location is situated within Maryland's Coastal Plain Physiographic Province. Geologically, this province is characterized by unconsolidated sediments that can range widely in composition as well as age. Sediments of the Lower Cretaceous age Potomac Group are predominant throughout the broader region and form the bulk of the upland terrain in the vicinity of the site area. These ancient sediments are, however, commonly capped by younger deposits of Quaternary age, derived by various fluvial or eolian processes. They therefore tend to have mixed compositions characterized by sandy and gravelly strata interbedded with layers of loamy, silty, or even clayey sediments. Lower Cretaceous strata underlying the various Quaternary deposits can also be of mixed composition, particularly near the western edge of the Coastal Plain where the site area is located. Gravelly compositions are common in this zone, but much finer textures such as clay loam, silty clay loam, or clay can also occur, particularly with an eastward trend.

Figure 3.3. View of Northern Portion of Site 18PR750, Facing South.

Figure 3.4. View of Central Portion of Site 18PR750, Facing Northwest.

Figure 3.5. View of Sewer Line Corridor on Site 18PR750, Facing South.

Figure 3.6. View of Manhole Cover for Sewer Line on Site 18PR750, Facing West.

Independent of the deposit types, all of the regional upland landscapes are very old and have prolonged histories of weathering, usually greatly predating even the earliest human presence in the region. This has important implications for both prehistoric and early historic cultural resources since, as would be the case for all landscapes of such antiquity, most cultural materials should occur only at or near the level of original surfaces. Hence, integrity of the original upland surfaces is of paramount importance, and disturbances or destruction of these surfaces also translate to comparable impacts on archaeological deposits.

As with most Coastal Plain landscapes those in and near the site location are likely to have been greatly affected by a long record of previous tillage. Indeed, for most of the region farming has been so intensive that its effects have probably produced more significant soil and landscape alterations than all of the combined natural processes acting during the Holocene. Tillage-induced soil erosion typically entails depletion of soil at higher landscape positions with subsequent deposition on lower landforms. Much of the mobilized soil also finds its way to stream systems where it can ultimately be redeposited as local alluvium. Due to this process, floodplains and low-lying terraces are nearly everywhere mantled by appreciable deposits of agriculturally derived alluvium.

Two landscape types occur within the 18PR750 site area. These consist of a nearly level terrace of [redacted] and a gently sloping upland along the northern fringe of the site at a distance more removed from the drainage. The upland soil was directly examined at a single foot slope location (Trench 1) where a strongly developed loamy-textured soil was observed (Figure 3.7). Other more cursory examinations of several tree falls upslope of the trench revealed more gravelly soils, but with comparably strong development. Although formerly plowed, the soil of Trench 1 has otherwise suffered little other disturbance. Unlike most upland positions that tend to be subject to erosive loss of soil due to tillage, the upland surface here is favorably positioned as a low-lying recipient of slope wash, which forms the upper 0.8 ft of the profile. Prior to this accumulation, however, this soil too had suffered erosional deflation. This is evinced by the absence of an upper transitional subsoil horizon (BE), which in more stable conditions would normally underlie the plow zone. Where deflation has occurred this upper subsoil horizon tends to eventually be incorporated into the plow zone as the surface migrates downward with progressive soil loss.

Resting directly atop argillic subsoil horizons (Bt) that have strong subsoil development indicative of a Pleistocene age, the plow zone would be the principal horizon to contain cultural materials. Depending on the tillage history, some could also be present in the overlying slope wash due to upward mixing through a continuing regime of plowing. As would often be expected for a low-lying foot slope position, lower subsoil horizons display evidence of seasonal saturation (mottling); however, seasonally impeded drainage in this moderately well drained soil occurs at a deep enough depth that the location would have been suitable for year-round occupation.

The terrace landscape is relatively extensive, but unlike the upland, it has not been available for occupation for nearly as long. In contrast to the strong argillic horizon development in the upland soil, subsoil formation in the terrace soil is limited to that of a much less mature cambic horizon (2Bwb). While the terrace has likely been mostly stable for perhaps about 2,500 years, this late Holocene landscape would not have existed for the great majority of the region's occupational history.

Figure 3.7. Site 18PR750 Phase II Map.

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Also unlike the upland, drainage limitations on the terrace are an important consideration for cultural use of the landscape. Although no standing surface water was present at the time of the study, indications of former ponding were apparent at several locations. Similarly, the examined terrace soil (Trench 2) displayed ample signs of restricted drainage, with mottling throughout all subsoil horizons rising even to the level immediately beneath the original surface (2Ab). This somewhat poorly drained soil marks a nearly wetland setting. Although possibly inhabitable during dryer months of the year, prehistoric populations as well as Europeans almost surely would have avoided the location in favor of higher, better drained positions such as the nearby upland. It is also worth noting that, perhaps due to excessive wetness, the original surface does not appear to have been plowed.

Another cultural consideration for the terrace is widespread disturbance. Fill, probably related to highway construction, is common. This introduced material comprised the upper 1.8 ft of the examined profile, and the underlying original surface here had also been highly disturbed as the fill was deposited. Elsewhere, a distinctive low ridge with a suspiciously abrupt rise that would tend to argue against natural origin, was indeed found to consist of fill. This was possibly attributable to installation of a nearby sewer line. In any event, surface disturbance together with impeded drainage combine to greatly minimize prospects for intact cultural resources on the terrace.

Both upland and alluvial landscapes are present within the site area. As would be typical of the regional Coastal Plain uplands, strong subsoil development indicates that prior to the introduction of European agriculture, the upland had been mostly stable since well into the Pleistocene. This age combined with tillage-induced deflation, limits cultural deposits to near-surface levels. The late Holocene terrace along Paint Branch has much more severe limitations for cultural resources. Not only would poor drainage have rendered the landscape undesirable for occupation, but the introduction of fill materials and modern disturbances entailing grading have also affected large parts of this landscape.

PHASE II ARCHAEOLOGICAL EVALUATION

Shovel Tests

The Phase II fieldwork at 18PR750 commenced with the excavation of STPs across the approximate Phase I site boundary to re-define the site boundary, delineate intra-site activity areas, further refine stratigraphic depths for modern alluvium, and determine locations for optimal TU placement. STPs were excavated at 50-ft intervals within the site boundary and at 15-ft intervals around Phase I STPs containing cultural material, Phase I TUs, Phase II STPs containing cultural material, and Phase II STPs that did not reach the nearby Phase I terminal artifact recovery depth due to a high water table. When initial results were unproductive, in some areas STPs were also excavated in close proximity to the locations of Phase I STPs that produced cultural material. STPs were excavated by natural strata and terminated at the water table, bedrock, mechanical limitations, or Pleistocene sands. Although some of the STPs were terminated above the artifact bearing depth of nearby STPs due to the high water table, a majority of the STPs were excavated to or below those depths.

STPs on the terrace (N535–N700) typically expressed an Oi/Ap/Ab(historic)/B1 horizon sequence and reached channel gravels or the water table above 3.0 ftbs. On the floodplain (N500–485, E400–500), STPs expressed an Oi/B1/B2/C horizon sequence, with the B horizons comprised of sandy loam alluvial deposits and the C horizon consisting of channel gravels. The levee identified by the Phase I survey was found to be artificial, created during construction of the two large sewer lines that bound the site to the south. STPs (N515–N485, E700–E535) in that area expressed deep fill deposits. STPs in the northern portion of the site (N585–N700, E400–E650) expressed an upland soil sequence, with a shallow Ap/Oi over a clay dominant B horizon subsoil. STPs in the southwestern part of the site (N535–N450, E400–E550) contained a variety of alluvial/colluvial deposits over disturbed subsoils and/or channel gravels.

In total, 109 STPs were excavated across the site, and only four of these produced cultural material (see Figure 3.7). Shovel testing produced six artifacts—four tertiary quartz flakes, one sewer pipe body fragment, and one stoneware vessel fragment. All artifacts collected from STPs were found in Stratum II (Ap horizon) between 0.2 and 0.6 ftbs. Both historic artifacts were found in a single STP (N500 E609) located on the highly disturbed levee/sewer line berm, with a single piece of quartz found in the same horizon. No other evidence of historic artifacts or features was encountered.

Test Units

Four TUs were attempted on the site, placed to investigate the terrace landform and the artifact concentrations observed during the Phase I work. TU 1 was excavated to 0.75 ftbs, producing one quartzite and one quartz flake from 0–0.25 ftbs, but was terminated due to a high water table. TU 2 was placed between N615 E750 and N600 E750, two of the four Phase II STPs that yielded cultural materials, but was quickly abandoned also due to standing water. TU 3 was placed between TU 1 and Phase I TU B3, on the terrace at N545 E495, no artifacts were recovered, and the unit was terminated at 2 ftbs when the water table was reached. TU 4 was placed 60 ft east of Phase I TU B3 at the edge of the "levee" in a small flood chute. TU 4 was excavated to 3.6 ftbs, and one quartz flake was collected from Stratum IV (second alluvial horizon) between 1.4 and 1.6 ftbs.

Test Unit 1. TU 1 was a 5 × 5 ft unit placed on the terrace 30 feet west of Phase I STP B281, 35 feet east of Phase I STP B280, and 65 ft north of the Phase I TU B3, at N565 E450 (see Figure 3.7). Two strata were observed. Stratum I (0–0.25 ftbs), an organic horizon of dark yellowish brown (10YR 4/4) sandy clay loam, and Stratum II (0–0.75 ftbs), a B horizon of dark yellowish brown (10YR 5/8) sandy clay loam (Figure 3.8). Excavation was terminated when the water table was reached at 0.75 ftbs. TU 1 produced one quartzite and one quartz flake from the A horizon (0–0.25 ftbs).

Test Unit 2. TU 2 was opened between two of the Phase II STPs that contained lithic debitage (N615 E750 and N600 E750) in the eastern portion of the site, but due to wet conditions and water pooling after a session of rain, the unit was abandoned before much excavation could be accomplished (Figure 3.9).

Test Unit 3. TU 3 was a 5 × 5 ft unit placed on the terrace, 20 ft south and 45 east of TU 1, and 45 ft north and 45 ft east of Phase I TU B3 (see Figure 3.7). Four strata were observed; Stratum I (0–0.30 ftbs), an organic horizon of dark grayish brown (10YR 4/2) silt loam, Stratum II (0.30–1.05 ftbs), an Ap horizon of brown (10YR 5/3) sandy clay loam, Stratum III (1.05–1.55 ftbs), a historic Ab horizon of brown (10YR 4/3) sandy loam, and Stratum IV (1.55–2.00 ftbs), a B horizon of yellowish brown (10YR 5/8) sandy clay (Figure 3.10). Excavation was terminated at the water table at 2 ftbs. No artifacts were found in TU 3.

Test Unit 4. TU 4 was a 5 × 5 ft unit placed on the edge of a small flood chute at the northern boundary of the sewer line levee, 60 ft east of Phase I TU B3 (see Figure 3.7). Eight strata were observed—Stratum I (0–0.30 ftbs), an organic horizon of very dark gray (10YR 3/1) sandy loam; Stratum II (0.30–0.60 ftbs), an alluvial horizon of yellowish brown (10YR 5/4) sand; Stratum III (0.60–0.90 ftbs), a historic Ab horizon of gray (10YR 5/1) loam; Stratum IV (0.90–1.60 ftbs), an alluvial horizon of dark yellowish brown (10YR 4/4) sand, which contained one quartz flake; Stratum V (1.60–2.00 ftbs), an alluvial horizon of dark yellowish brown (10YR 3/4) sand; Stratum VI (2.00–3.30 ftbs), an alluvial horizon of dark yellowish brown (10YR 4/6) sand; Stratum VII (3.30–3.60 ftbs), an alluvial horizon of dark grayish brown (10YR 4/2) sand; and Stratum VIII (1.70–3.60 ftbs), a Bw horizon of brownish yellow (10YR 6/8) sandy clay, which was only present in the northwestern corner (Figure 3.11). TU 4 was terminated at 3.60 ftbs when the water table was encountered. One quartz flake was collected from Stratum IV (second alluvial horizon) between 1.40 and 1.60 ftbs.

Figure 3.8. View of West Wall Profile of Test Unit 1 at Site 18PR750.


Figure 3.9. View of Location of Test Unit 2 at Site 18PR750, Facing West.

Figure 3.10. View of South Wall Profile of Test Unit 3 at Site 18PR750.

Figure 3.11. View of West Wall Profile of Test Unit 4 at Site 18PR750.

Artifacts

In total, seven prehistoric and two historic period artifacts were collected during the Phase II investigation at 18PR750 (Table 3.1). Most artifacts (*n*=6) were found in Stratum II (Ap horizon), two artifacts were found in Stratum I (Oi horizon), and one artifact was found in Stratum IV (B2 alluvium). Two of the STPs containing cultural material yielded one artifact, and two STPs (N500 E609 and N615 E750) yielded two artifacts. TU 1 contained a quartzite and a quartz flake, both recovered from Stratum I between 0–0.25 ftbs. TU 4 produced one quartz flake from Stratum IV between 0.90 and 1.40 ftbs. Artifacts were widely distributed across the site, and no concentration loci can be derived (see Figure 3.7). No concentrations similar to those found during the Phase I survey were relocated during this investigation.

Table 3.1 Artifacts from Site 18PR750 by Stratum.

	Stratum			
Artifact Type	**I**	**II**	**IV**	**Total**
Quartz tertiary flake, fragment	1	2	1	4
Quartz tertiary flake, complete		2		2
Quartzite tertiary flake, fragment	1			1
Undecorated sewer pipe, fragment		1		1
American gray stoneware, fragment		1		1
Total	**2**	**6**	**1**	**9**

Stratigraphy

The stratigraphy on 18PR750 can be described in three different zones: the terrace, the upland, and the man-made levee. In general, STPs on the terrace contained a shallow O/A horizon over a variety of hydric/saturated subsoils, with the majority reaching the water table below 2.50 ftbs. In the western portion of the site, a modern Ab horizon was observed, but was created from modern fill caused by erosion of the slope and the interstate system. Shovel tests located on the upland portion of the site displayed a fairly shallow Ap over subsoil, with some reaching the water table below the first B horizon.

The man-made levee is located within two large sewer line corridors and appears to have been altered/created by construction. The man-made levee is an altered landform that did not express the soils described in the Phase I survey and primarily consisted of disturbed fill over a mottled and disturbed subsoil underlain by degrading bedrock. As revealed during the geomorphology study and the Phase II archaeological excavations, the stratigraphy observed in 2004 is no longer present on the site, and a variety of disturbances have severely altered the landscape.

Comparison with the Adelphi Site (18PR1024)

The Adelphi site is located on a low floodplain [redacted]. The site is a unique, short-term Selby Bay phase procurement camp, dating to the late Middle Woodland period (Emory et al. 2015). The site is situated within an intact cultural horizon (Stratum II, Ap2) that was capped by a historic alluvial deposit, Stratum I (Ap). The site is characterized by a common soil sequence of Ap/Ap2/EA/B, with cultural materials in the Ap, Ap2, and EA horizons. Unlike 18PR1024, site 18PR750 is located on three different landforms (floodplain, terrace, and man-made-levee). The floodplain on 18PR750 is a small, narrow flat at the base of a small terrace with slope that is greater than 15 percent and is not similar to the broad flat floodplain containing 18PR1024. A historic alluvial horizon was noted in a small section of the southwestern corner of 18PR750, but was capped by modern colluvial deposits from the interstate construction and subsequent erosional events. Only TU B3, excavated on what was thought to be a natural levee during the Phase I efforts, expressed a buried Holocene alluvium with prehistoric artifacts. Artifacts were found in 11 different horizons

(A/CB/Bw/Ab/Bwb1/BCb/2Bwb1/2Bwb2) on 18PR750, with the highest concentrations in the 2Bwb1 and 2Bwb2 horizons. Soil horizons 2Bwb1 and 2bwb2 are cultural horizons that were capped by historic alluvial deposits (Ab/Bw1/Bwb1/Bwb2/BCb) like the historic Ap that caps the Ap2 at 18PR1024. The Phase II investigation of 18PR750 did not find a Holocene alluvium or a prehistoric buried Ab horizon, or any presence of an intact living floor. The geomorphological study and the Phase II investigation of 18PR750 did not identify soils that would express an *in situ* prehistoric living floor with the presence of intact features like 18PR1024, but in fact the levee was found to consist entirely of disturbed deposits.

Ten cultural features were identified between 49 and 70 cmbs (1.60-2.29 ftbs) in the Ap2 horizon and from 63–83 cmbs (2.06-2.72 ftbs) in the EA horizon at 18PR1024. Five types of features were encountered; cooking-boiling stones (Features 7, 10, 19), cooking-hot rock (Features 3 and 12), lithic reduction (Features 11 and 9), lithic reduction and cooking boiling stones (Features 5 and 6), and lithic reduction-tool maintenance/repair (Feature 4). No potential cultural features were encountered in any of the STPs or TUs during the Phase I and II fieldwork at 18PR750.

The lithic materials at 18PR1024 were predominately non-local, represented by Flint Run-like jasper (*n*=2,468, 42.8% of artifacts), unclassified jasper (*n*=2,073, 35.9% of artifacts), rhyolite (*n*=29), chert (*n*=370) and chalcedony (*n*=7). Local lithic materials included quartz (*n*=452, 7.8% of artifacts) and quartzite (*n*=366, 6.3% of artifacts). Site 18PR1024 also produced 411 shell tempered sherds and 119 lithic tools. The site 18PR750 assemblage is dominated by local lithic materials and does not contain any ceramic artifacts.

In summary, a majority of the site characteristics of 18PR1024 are not comparable to site 18PR750, despite their proximity. Initial assessments of 18PR750 were based on incomplete information, and with the benefit of the Phase II geomorphology study and more intensive STP excavation, it is clear not only that this site area has been much more extensively modified than previously thought, but also that it is not characterized by the same stratigraphic history as 18PR1024.

Summary and Recommendations

During the Phase II investigation at 18PR750, totals of 106 STPs and four TUs were excavated, and only seven prehistoric and two historic period artifacts were collected. No artifact concentrations were encountered; no temporally discrete distributions of artifacts were observed either horizontally or vertically; a very low number of artifacts was found; and it is clear that the site has been disturbed by the construction/maintenance of the interstate system, flood scouring, erosion, sewer line construction/maintenance, and waterway alterations. It also became apparent during the geomorphology study and intensive Phase II excavations that the apparent intact levee is artificial. The archaeological deposits on 18PR750 do not appear to be in any intact context, and it is unlikely that additional archaeological investigations at 18PR750 would recover cultural material that would provide substantive meaningful data pertinent to component specific research questions. Site 18PR750 is recommended not eligible for the NRHP, and no further archaeological investigation of this site is recommended for this project.

4. RESULTS OF THE PHASE II EVALUATION OF 18MO749

SUMMARY OF PHASE I SURVEY RESULTS

Site 18MO749 was identified during 2018 survey for the I-495/I-270 improvement project (Arnold et al. 2019). The Phase I survey on 18MO749 involved the excavation of 22 STPs, 18 of which produced totals of one historic and 34 prehistoric artifacts, including 27 pieces of quartz debitage, quartz (n=3) and quartzite (n=1) shatter, one quartz biface, one quartz biface fragment, one plain Accokeek sherd, and one opaque white glass fragment. Based on the results of the Phase I study, the site extended west across the terrace [redacted], and measured 260 ft east-west by 160 ft north-south (Figure 4.1). The Phase I survey interpreted a simple stratigraphy across the site based on the STPs, consisting of three strata. Depths of the strata varied across the site, but most artifacts were collected from 2.00–2.50 ftbs. One concentration area was identified by the Phase I results, involving one sherd and a biface fragment from one STP and six pieces of quartz debitage from a nearby STP. The remainder of the artifacts were lightly distributed across the site. Based on the results of the Phase I survey, a Phase II investigation was recommended at site 18MO749 to evaluate its eligibility for the NRHP under Criterion D.

SITE SETTING

Site 18MO749 is located on the 1st terrace of the [redacted] and [redacted] of C&O Canal Lock [redacted] in the Chesapeake & Ohio Canal National Historical Park (see Figure 1.3). The site is within a mature hardwood forest with a light to moderate understory of new growth and vines. Soils on the site are mapped as rock outcrop-Blocktown complex and overbank alluvium, and large rock outcrops are scattered across the area. The southern boundary of the site is formed by the floodplain/sand bar of the [redacted] the northern boundary is a large wetland; the eastern boundary is [redacted] and the western boundary was not established during this investigation (Figures 4.2–4.5).

PHASE II GEOMORPHOLOGICAL STUDY (see Appendix 3)

The site is situated within the Uplands Section of Maryland's Piedmont Physiographic Province. This section is characterized by ancient metamorphic rock types, and bedrock in the vicinity of the project area is prototypic for the section. Consisting of the Late Precambrian age Upper Pelitic Schist member of the Wissahickon Formation, these rocks form the moderately to gently sloping uplands of the region, and soils developed from them are the principal sources for transported materials carried as alluvium by local streams. In contrast, alluvial forms close to the Potomac River are comprised of sediments derived from the rocks and soils of multiple, distant provinces.

The site is contained on a terrace of the [redacted] Together with the active floodplain, a chrono-sequence of terraces is known to occur along the river. Whereas the floodplain is comprised of modern, unstable deposits with no cultural potential, higher and older terraces can be assigned potentials respective to their ages. For terraces dating to the Pleistocene, cultural materials would generally have the same near-surface restriction as uplands. Younger and typically lower-lying Holocene terraces were formed after humans had arrived in the region, and accordingly have potential for buried occupation levels. The terrace landscape of this site is not only of fluvial construction, but it is relatively undisturbed. Except for very near [redacted] where grading and exacerbated stream incision have occurred, the only other historic modifications are related to a possible history of tillage and the deposition of a relatively thin (~1 ft) surface veneer of modern alluvium.

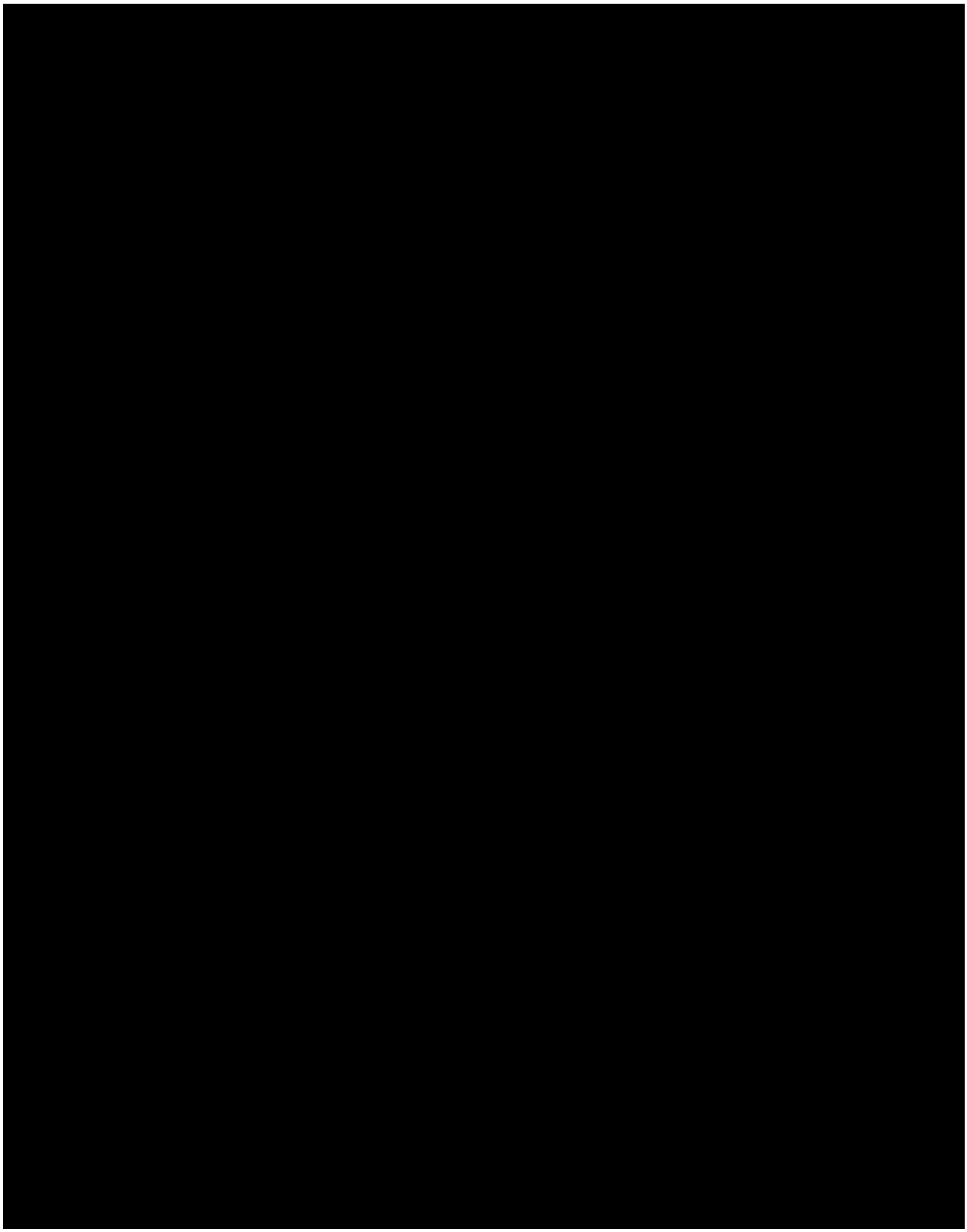

Figure 4.1. Site 18MO749 Phase I Map.

Figure 4.2. View of Wetland to the North of Site 18MO749, Facing Southwest.

Figure 4.3. View of [redacted] to the East of Site 18MO749, Facing Southeast.

Figure 4.4. View of Site 18MO749 Showing Rock Outcrops in Background, Facing Northwest.

Figure 4.5. View of Site 18MO749 Showing [redacted] in Background, Facing Southwest.

The fluvial landscape sequence here has three components consisting of the active floodplain of the [redacted] the river terrace on which a majority of the site area is contained, and an adjoining upland marked by bedrock outcrops. Rising about 11 ft above the river, the active floodplain has a breadth of roughly 100 ft before the toe of the terrace is intercepted. A relatively abrupt rise of some 7 ft then places the site landscape at a height of 18 ft above the river. From this edge, the terrace carries landward for 150 ft or so where another rise of a few feet marks the terrace/upland demarcation.

Due to the uniformity of the landscape, the relatively small size of the site area (based on Phase I results), and similar soil stratigraphy exposed along the nearby eroding stream bank, a single soil examination was considered adequate to characterize the terrace soil. Unlike many terrace soils along the river that tend to be mostly silty, the soil here is fine-sandy. The vertically accreted, overbank alluvium is quite deep (>9.2 ft), but very weak subsoil development limited to color-B cambic horizon (Bw) formation is indicative of a young terrace age of no more than late Holocene. Obviously amassed after humans had long occupied the region, almost all levels within this terrace have some potential for prehistoric cultural material. As with any overbank column, every depth increment was at one time in close proximity to a former surface and therefore potentially habitable. Exceptions at this site are a seasonally saturated layer below the depth of 7.8 ft (2Bw2b horizon) and the upper mantle of historic alluvium (Ap1 horizon) where the only possibility for prehistoric artifacts would be upward mixing by an ongoing plowing regimen coincident with deposition of the modern sediment.

The geomorphological study concluded that highest archaeological potential should be assigned to the Ap2 horizon, which was the original surface at Contact. Most artifacts would likely be near this horizon's base or just below it. Some potential actually exists to the 7.8-ft depth of saturation, but the rapid rate of sediment deposition evinced by the weak subsoil development means that, at the time deeper subsoil levels corresponded to former surfaces, their availability for occupation would only have been relatively short-term before burial by newly arriving sediments. Therefore, based on geomorphological data, the greatest likelihood is that the site is a single component, Late Woodland occupation, which is also consistent with the Phase I reported depths of artifact retrieval and the predominance of quartz in the lithic retrievals. Underlying earlier Woodland components cannot be wholly ruled out, and some Late Archaic potential could possibly be assigned to the 2Bwb1 horizon between the depths of 6.0 and 7.8 ft. Any older levels underlying this would have been too poorly drained for occupation and at a height above the [redacted] matching that of the active floodplain

PHASE II ARCHAEOLOGICAL EVALUATION

Shovel Tests

In total, 68 STPs were excavated across the site at 50- and 15-ft intervals, and 60 of these contained cultural material (Figure 4.6; Table 4.1). Shovel testing produced 872 artifacts, including three fragments of calcined bone, three hammerstones, one metate/anvil/core, one anvil/bipolar hammerstone, one bipolar core/ anvil/mano, one mano, two Clagett projectile points/knives (PPKs), one Levanna PPK fragment, one untyped PPK fragment, one backed knife, one graver, one side scraper, one utilized flake, five biface fragments, three late stage bifaces, three mid stage bifaces, two retouched flakes, 708 flakes, one piece of shatter, three unmodified cobbles, one Popes Creek sherd, 20 Accokeek sherds, three Mockley sherds, 11 Potomac Creek sherds, four Rappahannock sherds, 70 residual sherds, 17 unclassified sherds, and one unidentified iron object. Although quartz dominates the STP assemblage, a wide variety of lithic material types are represented, including argillite, chert, greywacke, quartzite, rhyolite, sandstone, and schist (Table 4.2)

Artifacts collected from STPs were found in four different soil horizons from 0–4.20 ftbs. The Oi horizon (0–0.80 ftbs) contained 12 artifacts; the B1 horizon (0–4.20 ftbs) produced the highest density (*n*=675); the

Ab horizon (2.00–4.20 ftbs) contained 72 artifacts; and the B2 horizon (1.00–4.30 ftbs) yielded 57 artifacts. A total of 48 artifacts were also recovered from Phase I backfill. Lithic tools and prehistoric ceramics were recovered in all but the Oi horizon. One historic artifact was also found in a Phase II STP (N500 E400), an unidentified iron object found at the B1/Ab interface at 2.2 ftbs. No other evidence of historic artifacts or features was encountered during the shovel testing.

Table 4.1. Artifacts from STPs at Site 18MO749 by Horizon.

Material Artifact Type	Oi	B1	Ab	B2	Backfill	Totals
Ceramic						
Accokeek		13	5	1	1	**20**
Mockley		3				**3**
Popes Creek		1				**1**
Potomac Creek		8		3		**11**
Rappahannock		1	2	1		**4**
Unclassified Sherd		14		3		**17**
Residual Sherd		59	2	1	8	**70**
Faunal						
Calcined Bone		3				**3**
Historic						
Unid. Iron Object			1			**1**
Lithic						
Clagett PPK		1		1		**2**
Levanna PPK		1				**1**
Untyped PPK						**1**
Backed Knife		1				**1**
Graver		1				**1**
Biface Fragment		2		1	2	**5**
Biface, Late Stage		1	1	2		**4**
Biface, Mid Stage		1	1			**3**
Utilized Flake		2				**2**
Retouched Flake		1				**1**
Retouched Flake, Fragment		2	1			**3**
Hammerstone		4				**4**
Mano		1				**1**
Metate/Anvil/Core						**1**
Bipolar Core/Anvil/Mano				1		**1**
Core Fragment		2				**2**
Bipolar Flake, Complete		7	3			**10**
Bipolar Flake, Fragment		1				**1**
Flake, Complete	2	59	8	4	6	**79**
Flake, Fragment	10	473	47	37	30	**597**
Shatter		10	1			**11**
Tested Cobble		2		1		**3**
Tested Cobble Fragment		1				**1**
Unmodified Cobble				1	1	**2**
Totals	**12**	**675**	**72**	**57**	**48**	**864**

Figure 4.6. Site 18MO749 Phase II Map.

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Table 4.2. Lithic Artifacts from STPs at Site 18MO749 by Material.

Artifact Type	Argillite	Chert	Graywacke	Quartz	Quartzite	Rhyolite	Sandstone	Schist	Unid.	Total
Backed Knife				1						**1**
Biface Fragment				4		1				**5**
Biface, Late Stage				3		1				**4**
Biface, Mid Stage				3						**3**
Bipolar Core/Anvil/Mano					1					**1**
Bipolar Flake, Complete				2	7				1	**10**
Bipolar Flake, Fragment			1							**1**
Unmodified Cobble					1					**1**
Core Fragment				2						**2**
Flake, Complete	1	1		61	7	9				**79**
Flake, Fragment	2	2		546	40	8			1	**599**
Graver				2						**2**
Hammerstone					1		1	1		**3**
Poss. Anvil/ Hammerstone					1					**1**
Poss. Hammerstone					1					**1**
Poss. Mano					1					**1**
Poss. Metate/Anvil/Core					1					**1**
Clagett PPK						2				**2**
Levanna PPK					1					**1**
Untyped PPK						1				**1**
Retouched Flake				1						**1**
Retouched Flake, Fragment				2	1					**3**
Shatter				8	2			1		**11**
Side Scraper, Type IV				1						**1**
Tested Cobble					3					**3**
Tested Cobble Fragment					1					**1**
Unmodified Cobble					1					**1**
Utilized Flake				2						**2**
Total	**3**	**3**	**1**	**638**	**70**	**22**	**1**	**2**	**2**	**742**

In general, the northern, southern, and western edges of the site produced the lowest density of artifacts, the central and southeastern portions of the site produced the highest density of artifacts, and modest density recovery was observed across much of the rest of the site. Lithic tools and ceramic sherds were also particularly concentrated in the high density areas.

Test Units

Three TUs were excavated during the Phase II investigation of 18MO749, TU 1 was placed to investigate the ceramic concentration around N465 E500 and N450 E485; TU 2 was placed to explore a lithic concentration south of N485 E450; and TU 3 was placed on the eastern edge of the terrace. All three TUs were placed in the high density areas. All TUs were excavated to 5 ftbs by quads, with cultural material recovered to depths of 4.55 ftbs in TU 1, 5.00 ftbs in TU 2, and 4.50 ftbs in TU3.

Test Unit 1. TU 1 was a 5 × 5 ft unit placed on the terrace at N460 E485 (see Figure 4.6). Four soil horizons were observed in TU 1 (Figure 4.7). Stratum I (0–0.30 ftbs) was an organic Oi horizon of very dark grayish brown (10YR 3/2) sandy loam; Stratum II (0.30–1.55 ftbs) was an alluvial B1 horizon of dark yellowish brown (10YR 3/4) sand; Stratum III (1.55–1.80 ftbs) was an Ab horizon of dark brown (10YR 3/3) sand; and Stratum IV (1.80–5.00 ftbs) was an alluvial B2 horizon of dark yellowish brown (10YR 4/4) sand that produced no artifacts below 4.55 ftbs. Excavation was terminated at 5 ftbs due to OSHA regulations. Feature 1 was identified in TU 1 and is discussed below.

The TU 1 assemblage consists of 3,320 artifacts collected from four soil horizons between 0 and 4.55 ftbs. TU 1 produced 37 faunal elements, one charcoal fragment, 322 prehistoric ceramic sherds, one argillite bipolar core, six quartz core fragments, one quartzite hammerstone/core, one small quartzite grinding stone, one tested quartzite cobble, 2,849 pieces of debitage, and 29 FCR. The 26 lithic tools include two quartz Potomac PPKs, one quartz graver, four quartz side scrapers, two quartz thumbnail scrapers, one argillite early stage biface fragment, two early stage quartz bifaces, six mid stage quartz bifaces, one late stage quartz biface, one quartzite biface fragment, three quartz biface fragments, and three quartz retouched flakes. The ceramic sherds consist of two Popes Creek, three Accokeek, 71 Potomac Creek, 10 Rappahannock, 29 unclassified, and 207 residual. The lithic debitage includes four argillite, one jasper, 2,807 quartz, 65 quartzite, and nine rhyolite specimens.

The Oi horizon (0–0.30 ftbs) was very shallow and produced only a few artifacts, including one Potomac Creek sherd (Table 4.3). The much thicker B1 horizon (0.30–1.55 ftbs) yielded a relatively high density of material, including 18 faunal elements, 49 Potomac Creek sherds, nine Rappahannock sherds, a graver, a scraper, two biface fragments, and 14 pieces of FCR. The fairly thin Ab horizon (1.55–1.80 ftbs) produced a modest assemblage that includes 10 faunal elements, two Accokeek sherds, 12 Potomac Creek sherds, one Rappahannock sherd, two Potomac PPKs, 14 FCR, and a hammerstone/core. The B2 horizon (1.80–4.55) ftbs), which was substantially thicker than the other horizons, produced a total of 2,297 artifacts, including nine faunal elements, two Popes Creek sherds, one Accokeek sherd, two Potomac Creek sherds, one biface fragment, one early stage biface, five mid stage bifaces, one late stage biface, four core fragments, two retouched flakes, five scrapers, and one grinding stone. No artifacts were recovered between 4.55–5.0 ftbs within the B2 horizon of TU 1.

Table 4.3. Artifacts from Test Unit 1 at Site 18MO749 by Horizon.

Material	Artifact Type	Oi	B1	Ab	B2	Wall	Total
	Depth Ranges	**0.0–0.30 ftbs**	**0.30–1.55 ftbs**	**1.55–1.80 ftbs**	**1.80–4.55 ftbs**	**0.0–4.55 ftbs**	**0.0–4.55 ftbs**
Ceramic	Accokeek			2	1		**3**
	Popes Creek				2		**2**
	Potomac Creek	1	49	12	2	7	**71**
	Rappahannock		9	1			**10**
	Residual Sherd	2	144	33	21	7	**207**
	Unclassified Sherd		26	3			**29**
Botanical	Charcoal		1				**1**
Faunal	Calcined Bone		11	9	8		**28**
	Cancellous Bone		1				**1**
	Cortical Bone				1		**1**
	Tooth Enamel		6	1			**7**
Lithic	Biface Fragment				1		**1**
	Biface, Early Stage			2	1		**3**
	Biface, Late Stage				1		**1**
	Biface, Mid Stage			1	5		**6**
	Biface, Unid.		3				**3**
	Bipolar Core		1				**1**
	Bipolar Flake		1				**1**
	Core, Fragment		2		4		**6**
	Fire Cracked Rock		15	14			**29**
	Flake, Complete		61	7	292	3	**363**
	Flake, Fragment	7	397	122	1,939	20	**2,485**
	Graver		1				**1**
	Hammerstone/Core			1			**1**
	Potomac PPK			2			**2**
	Retouched Flake		1		2		**3**
	Scraper		1		5		**6**
	Shatter		20	14	11	1	**46**
	Grinding Stone				1		**1**
	Tested Cobble		1				**1**
Totals		**10**	**751**	**224**	**2,297**	**38**	**3,320**

Test Unit 2. TU 2 was a 5 × 5 ft unit placed on the terrace at N475 E450 to help define activity areas and the vertical distribution of artifacts (see Figure 4.6). Seven strata were observed in TU 2 (Figure 4.8). Stratum I (0–0.10 ftbs) was an Oi horizon of very dark grayish brown (10YR 3/2) sandy loam; Stratum II (0.10–1.25 ftbs) was an alluvial B1 horizon of dark yellowish brown (10YR 3/4) sandy loam; Stratum III (1.25–1.50 ftbs) was an Ab horizon of dark yellowish brown (10YR 4/6) mottled with very dark gray (10YR 3/1) sandy loam; Stratum IV (1.50–2.75 ftbs) was a B2 horizon of very dark gray (10YR 3/1) mottled with dark yellowish brown (10YR 4/4) sandy loam; Stratum V (2.75–4.50 ftbs) was an alluvial B3 horizon of dark yellowish brown (10YR 4/6) sand; Stratum VI (4.50–4.75 ftbs) was an alluvial B5 horizon of brown (7.5YR 4/4) mottled with yellowish brown (10YR 5/4) sand; and Stratum VII (4.75–5.00 ftbs) was an alluvial B6 horizon of yellowish brown (10YR 5/4) mottled with brown (7.5YR 4/4) sandy clay. Excavation was terminated at 5 ftbs due to OSHA regulations.

Figure 4.7. View of West Wall Profile of Test Unit 1 at Site 18MO749, Facing West.

Figure 4.8. View of West Wall Profile of Test Unit 2 at Site 18MO749, Facing West.

Table 4.4. Artifacts from Test Unit 2 at Site 18MO749 by Horizon.

Material	Artifact Type	B1	Ab	B2	B3	B5	B6	Total
	Depth Ranges	0.10–1.25 ftbs	1.25–1.5 ftbs	1.5–2.75 ftbs	2.75–4.5 ftbs	4.5–4.75 ftbs	4.75–5.0 ftbs	0.10–5.0 ftbs
Ceramic	Popes Creek				11			**11**
	Accokeek	3		9				**12**
	Mockley	4		4				**8**
	Potomac Creek	6	5	3				**14**
	Rappahannock	3	2	7				**12**
	Shepard	1		1				**2**
	Unclassified Sherd	16	16	20	3			**55**
	Residual Sherd	89	73	96	6			**264**
Faunal	Calcined Bone		1	62	2			**65**
	Cortical Bone			1				**1**
	Tooth Enamel		1					**1**
Historic	Linked Button Insets			2				**2**
	Linked Button Link			1				**1**
	Wrought Nail		1	1				**2**
Lithic	Levanna PPK		1					**1**
	Unclassified Stemmed PPK		1					**1**
	Graver			2				**2**
	Thumbnail Scraper	1						**1**
	Biface Fragment	3		3				**6**
	Biface, Early Stage		1					**1**
	Biface, Late Stage		2					**2**
	Biface, Unid.		1	2				**3**
	Retouched Flake, Complete	4	2	3				**9**
	Core, Fragment	2						**2**
	Bipolar Core			1				**1**
	Bipolar Flake, Complete	1						**1**
	Flake, Complete	42	22	28			1	**93**
	Flake, Fragment	359	235	406	22	1	3	**1,026**
	Shatter	9	6	35	1			**51**
	Fire Cracked Rock	2	2	11				**15**
Totals		**545**	**372**	**698**	**45**	**1**	**4**	**1,665**

The TU 2 assemblage consists of 1,665 artifacts (Table 4.4) collected from six soil horizons from 0–5.00 ftbs. TU 2 produced 67 faunal elements five historic artifacts, 25 lithic tools, 1,171 pieces of debitage, one quartz core fragment, two quartzite cores, 15 FCR, and 378 prehistoric ceramic sherds. The lithic tools consist of one quartz partial Levanna PPK, one quartz partial unclassified stemmed PPK, one quartz graver, one quartz thumbnail scraper, six quartz biface fragments, one early stage quartz biface fragment, two late stage quartz bifaces, three quartz unclassified bifaces, and nine quartz retouched flakes. The prehistoric ceramic artifacts include 11 Popes Creek, 12 Accokeek, eight Mockley, 14 Potomac Creek, 12 Rappahannock, two Shepard, 55 unclassified, and 264 residual sherds. The debitage includes six argillite, five chert, four jasper, 1,026 quartz, 110 quartzite, and 16 rhyolite specimens.

No artifacts were recovered from the very thin Oi horizon (0.0–0.10 ftbs) in TU 2. The much thicker B1 horizon (0.10–1.25 ftbs) produced a total of 545 artifacts, including three Accokeek, four Mockley, six Potomac Creek, one Shepard, and three Rappahannock sherds, one quartz thumbnail scraper, one quartzite and two quartz biface fragments, one quartz and one quartzite core fragments, four quartz retouched flakes, and two quartzite FCR. The relatively thin Ab horizon (1.25–1.50 ftbs) contained 372 artifacts, which

include one historic artifact, five Potomac Creek sherds, two Rappahannock sherds, one quartz partial Levanna PPK, one quartz partial unclassified stemmed PPK, one early stage quartz biface fragment, two late stage quartz biface fragments, one quartz biface fragment, two quartz retouched flakes, and one gneiss/schist and one quartzite FCR. The very thick B2 horizon (1.50–4.25 ftbs) yielded the highest number of artifacts (*n*=698), which include one historic artifact, 62 pieces of calcined bone, four historic artifacts, nine Accokeek, four Mockley, three Potomac Creek, one Shepard, and seven Rappahannock sherds, two quartz gravers, four quartz biface fragments, three quartz retouched flakes, one quartzite bipolar core, and 11 quartzite FCR. The thick B3 horizon (2.75–4.50 ftbs) contained a total of 45 artifacts, including 11 Popes Creek sherds. The B5 horizon (4.50–4.75 ftbs) produced a single quartz flake fragment, and the B6 horizon (4.75–5.00 ftbs) contained one quartzite, one quartz, and two chert flakes.

Test Unit 3. TU 3 was a 5 × 5 ft unit placed on the eastern edge of the terrace (see Figure 4.7). Six strata were observed in TU 3 (Figure 4.9). Stratum I (0–0.20 ftbs) was an Oi horizon of dark brown (10YR 3/3) sandy loam; Stratum II (0.20–1.50 ftbs) was an alluvial B1 horizon of dark yellowish brown (10YR 3/6) sandy loam; Stratum III (1.50–2.50 ftbs) was an alluvial B3 horizon of dark yellowish brown (10YR 4/6) sand; Stratum IV (2.50–3.75 ftbs) was an alluvial B4 horizon of yellowish brown (10YR 5/4) sand; Stratum V (3.75–4.25 ftbs) was an alluvial B5 horizon of brown (7.5YR 4/4) mottled with yellowish brown (10YR 5/6) sand; and Stratum VI (4.25–5.0 ftbs) an alluvial B6 horizon of yellowish brown (10YR 5/6) sand that produced no artifacts below 4.50 ftbs. Excavation was terminated at 5 ftbs due to OSHA regulations.

Figure 4.9. View of West Wall Profile of Test Unit 3 at Site 18MO749, Facing West.

The TU 3 assemblage consists of 539 artifacts found in five soil horizons from 0.20–4.50 ftbs (Table 4.5); no artifacts were recovered for the Oi horizon, and no material was recovered from the lowest levels of the B6 horizon (4.50–5.00 ftbs). The assemblage consists of one piece of calcined bone, four fragments of charcoal, 47 prehistoric ceramic sherds, 13 lithic tools, one argillite bipolar core, two quartz core fragments, 469 pieces of debitage, and two quartz FCR. The ceramic artifacts are two Marcey Creek, one Popes Creek, 15 Accokeek, two Selden Island, five Potomac Creek, two Rappahannock, four unclassified, and 16 residual

sherds. Lithic tools consist of one quartz Rossville PPK, one rhyolite Rossville PPK, two quartz scrapers, one argillite type II end scraper, one jasper graver, one quartz backed knife, one quartz biface fragment, two mid stage quartz bifaces, one quartz retouched flake, one quartzite hammerstone, and one quartzite anvil/hammerstone. Debitage consists of 355 quartz, two jasper, 24 quartzite, and 88 rhyolite specimens.

No artifacts were recovered from the thin Oi horizon (0–0.20 ftbs). The much thicker B1 horizon (0.20–1.50 ftbs) contained a total of 144 artifacts, including one piece of calcined bone, one Accokeek sherd, two Potomac Creek sherds, one Rappahannock rim sherd, one quartz biface fragment, one quartz scraper, one quartzite hammerstone, and one quartzite anvil/hammerstone. The somewhat thick B3 horizon (1.50–2.50 ftbs) contained the highest density of artifacts recovered in TU 3 (*n*=252), which include one Popes Creek sherd, three Accokeek sherds, two Potomac Creek sherds, one Rappahannock rim sherd, one jasper graver, one quartz scraper, one mid stage quartz biface, one quartz core fragment, one quartz FCR, and one retouched quartz flake fragment. The B4 horizon (2.50–3.75 ftbs) in TU 3 produced 77 artifacts, including four charcoal fragments, two Marcey Creek sherds, 11 Accokeek sherds, two Selden Island sherds, one Potomac Creek sherd, one quartz and one rhyolite Rossville PPKs, one quartz backed knife, one complete mid stage quartz biface, one quartz core fragment, and one quartz FCR. The B5 horizon (3.75–4.25 ftbs) in TU 3 contained 57 artifacts, including one argillite bipolar core and one argillite type II end scraper. The B6 horizon (4.25–4.50 ftbs) produced only nine pieces of debitage.

Table 4.5. Artifacts from Test Unit 3 at Site 18MO749 by Horizon.

Material	**Artifact Type**	**B1**	**B3**	**B4**	**B5**	**B6**	**Total**
	Depth Ranges	**0.20–1.50 ftbs**	**1.50–2.50 ftbs**	**2.50–3.75 ftbs**	**3.75–4.25 ftbs**	**4.25–4.50 ftbs**	**0.20–4.50 ftbs**
Ceramic	Marcey Creek			2			**2**
	Popes Creek		1				**1**
	Accokeek	1	3	11			**15**
	Selden Island			2			**2**
	Potomac Creek	2	2	1			**5**
	Rappahannock	1	1				**2**
	Residual Sherd	7	7	2			**16**
	Unclassified Sherd	1	3				**4**
Botanical	Charcoal			4			**4 (10 g)**
Faunal	Calcined Bone	1					**1**
Lithic	Rossville PPK			2			**2**
	End Scraper, Type II				1		**1**
	Scraper	1	1				**2**
	Graver		1				**1**
	Backed Knife			1			**1**
	Biface, Mid Stage		1	1			**2**
	Biface Fragment	1					**1**
	Retouched Flake		1				**1**
	Anvil/Hammerstone	1					**1**
	Hammerstone	1					**1**
	Bipolar Core				1		**1**
	Core Fragment		1	1			**2**
	Bipolar Flake		1				**1**
	Flake, Complete	5	5	1	6	1	**18**
	Flake, Fragment	110	207	46	49	7	**419**
	Shatter	12	16	2		1	**31**
	Fire Cracked Rock		1	1			**2**
Totals		**144**	**252**	**77**	**57**	**9**	**539**

Features

Feature 1. A soil anomaly designated Feature 1 was encountered in the southeast corner of TU 1 at the base of level 10 (3.05 ftbs) in the B2 horizon (Figure 4.10). Only the northwestern portion of the feature was visible in TU 1 and excavation revealed three zones (Figure 4.11). Zone A (3.05–3.20 ftbs) is gray (10YR 5/1) sand, 0.15 ft at its thickest and 0.01 ft at its thinnest. A small complete quartzite grinding stone was located on top of zone A at 2.95–3.05 ftbs. Zone B (3.20–3.25 ftbs) is dark gray (10YR 4/1) sand, 0.125 ft at its thickest and 0.01 ft at its thinnest, and contained a quartz flake. Zone C (3.25–3.60 ftbs) is very dark gray (10YR 3/1) sand, 0.275 ft at its thickest and 0.01 ft at its thinnest; light charcoal flecking was noted throughout the feature. The feature expressed a somewhat diffuse boundary, an irregular shape, insloping walls, and an irregular base. The feature cannot be identified clearly without further excavation to the east and south of TU 1. It is not clear if this is a cultural or a natural feature, although the presence of the grinding stone and the charcoal flecking suggest a cultural origin.

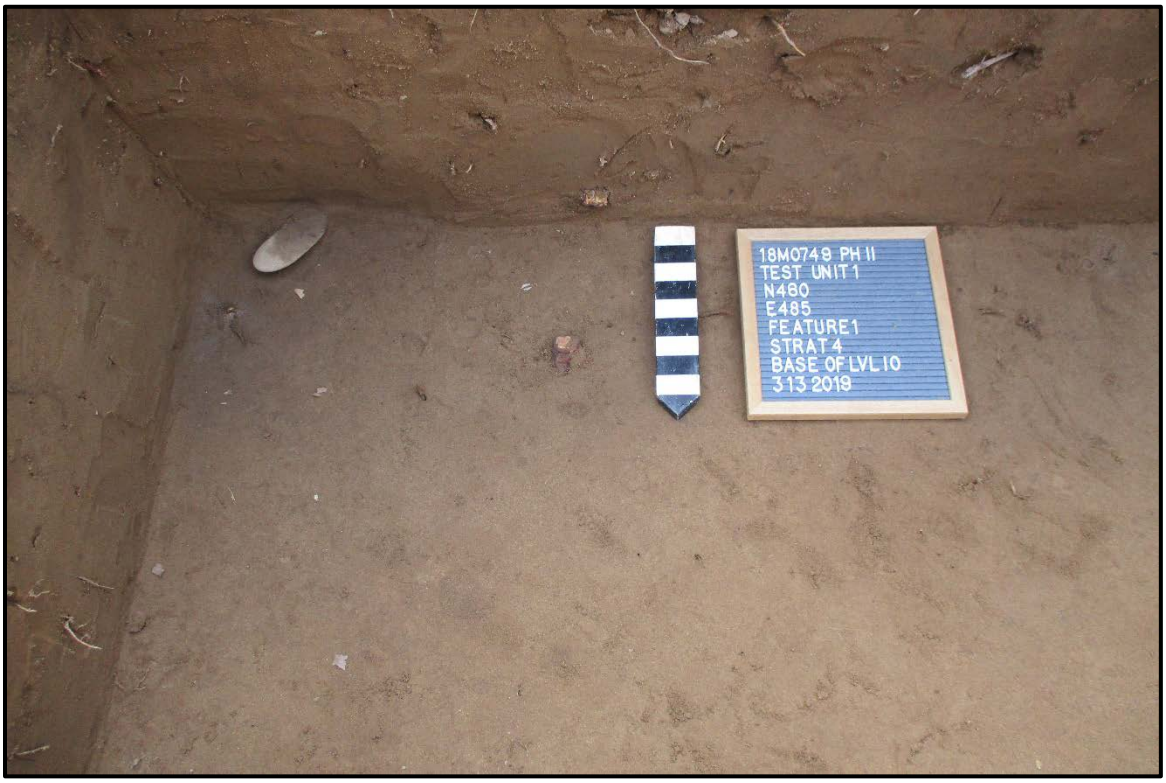

Figure 4.10. Plan View of Feature 1 in Test Unit 1 at Site 18MO749.

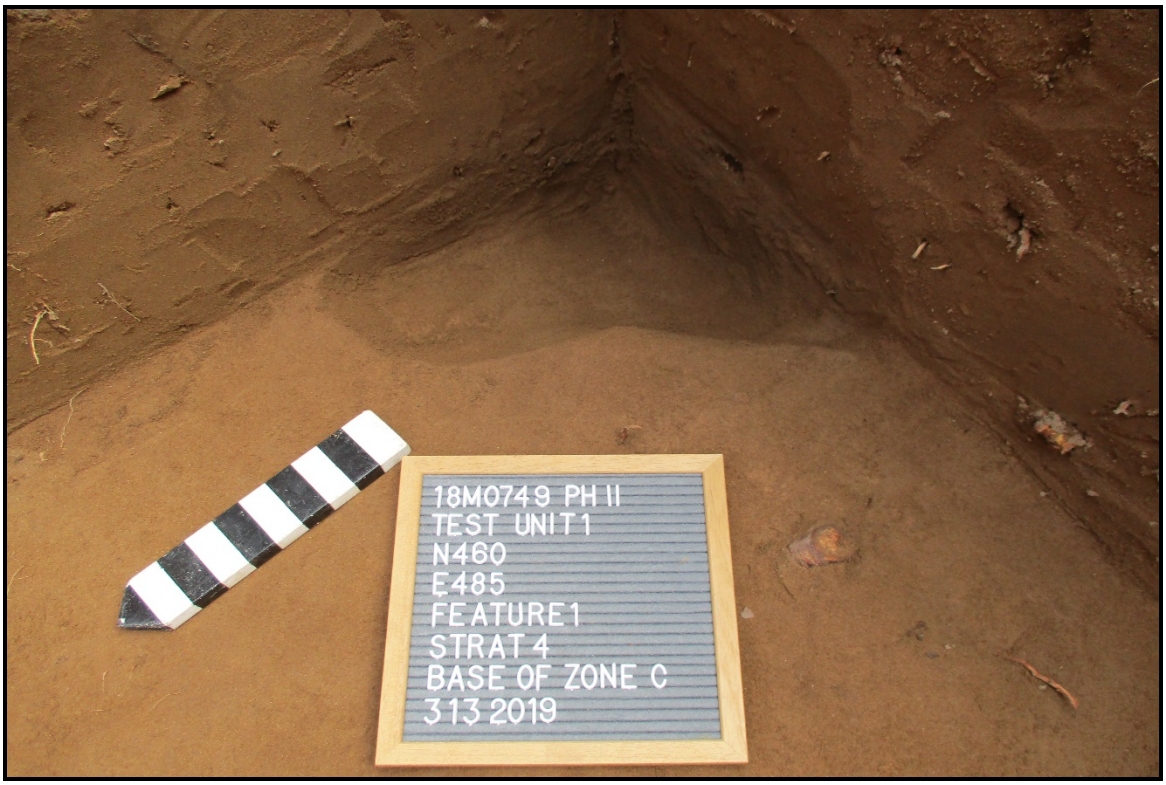

Figure 4.11. Plan View of Base of Feature 1 in Test Unit 1 at Site 18MO749.

Artifacts

Lithic Artifacts. The Phase II chipped stone assemblage includes a wide range of tool types and debitage. Chipped stone tools consist of two Rossville, two Clagett, two Levanna, two Potomac, and two unclassified PPKs, six gravers, nine scrapers, two backed knives, four early stage, 11 mid stage, and seven late stage bifaces, six unclassified bifaces, 12 biface fragments, two utilized flakes, and 17 retouched flakes (Figures 4.12–4.20). Half of the classified PPKs are whole specimens, and half have some type of breakage. The quartz Rossville and one of the Clagett PPKs have impact fractures likely due to use as projectiles (Figures 4.12a, 4.12f). One of the Levanna PPKs has a longitudinal fracture (Figure 4.13d), and the other has a roughly similar breakage pattern with more of the distal portion remaining (Figure 4.13c). One of the unclassified PPKs (Figure 4.12c) is missing the distal tip and base portions, but these do not appear to have broken from use, rather they (and a large flake scar on the midsection) appear to be the result of mistakes or material flaws encountered during the reduction process. The other unclassified PPK is very crudely made and similar in overall morphology to several stemmed types, but not particularly characteristic of a specific type (Figure 4.12d). A direct impact has removed the distal tip of this PPK, likely during use as a projectile. Four of the biface fragments (e.g., Figure 4.19a, 4.19f) appear to be stem portions of PPKs, although insufficient to provide definitive classification data. Four of the biface fragments appear to be distal portions of PPKs (e.g., Figure 4.19e) that were likely removed by impact during use as projectiles. Another of the biface fragments is also a distal portion, but appears to have broken on a material flaw. Four of the biface fragments appear to be portions of formal tools other than PPKs, likely scrapers (e.g., Figure 4.19b, 4.19c), and may have broken during use; three have longitudinal fractures and one has a hinge fracture. The remaining biface fragments appear to be portions of formal tools, but could not be classified by portion or breakage pattern.

Figure 4.12. Stemmed PPKs from Site 18MO749. a: quartz Rossville; b: rhyolite Rossville; c: rhyolite untyped; d: quartz unclassified stemmed; e–f: rhyolite Clagett (both Clagett PPKs were recovered from STPs)

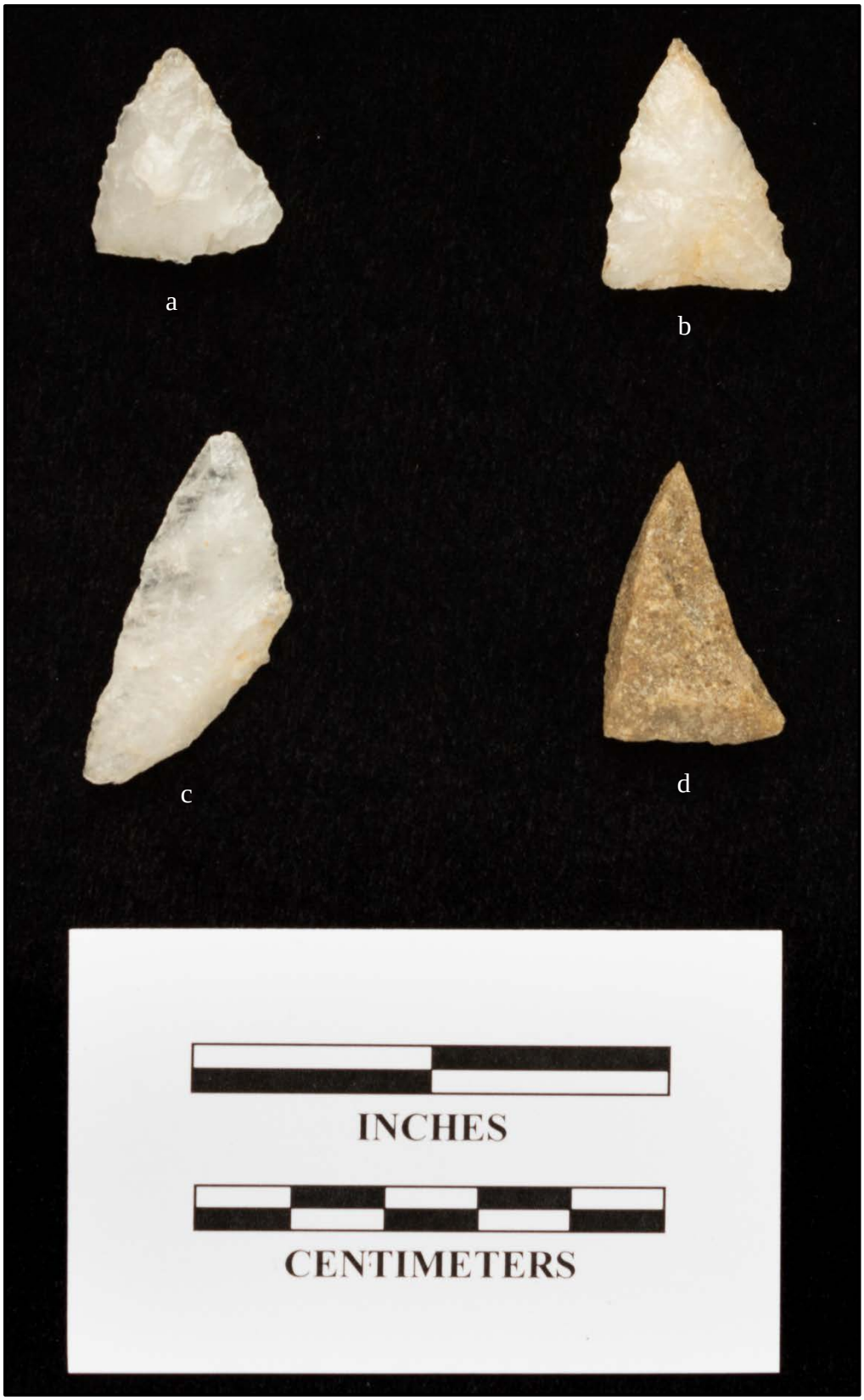

Figure 4.13. Triangle PPKs from Site 18MO749. a–b: quartz Potomac; c: quartz Levanna; d: quartzite Levanna

Figure 4.14. Representative Gravers and Backed Knives from Site 18MO749.
a–c: quartz gravers; d: jasper graver; e–f: quartz backed knives

Figure 4.15. Representative Scrapers from Site 18MO749. a, g: quartz type IV side scraper; b: quartz type II side scraper; c: quartz thumbnail scraper; d: quartz side scraper; e–f: quartz scraper; h: argillite type II end scraper

Figure 4.16. Representative Early Stage Bifaces from Site 18MO749. a–b: quartz; c: argillite

Figure 4.17. Representative Mid Stage Bifaces from Site 18MO749.

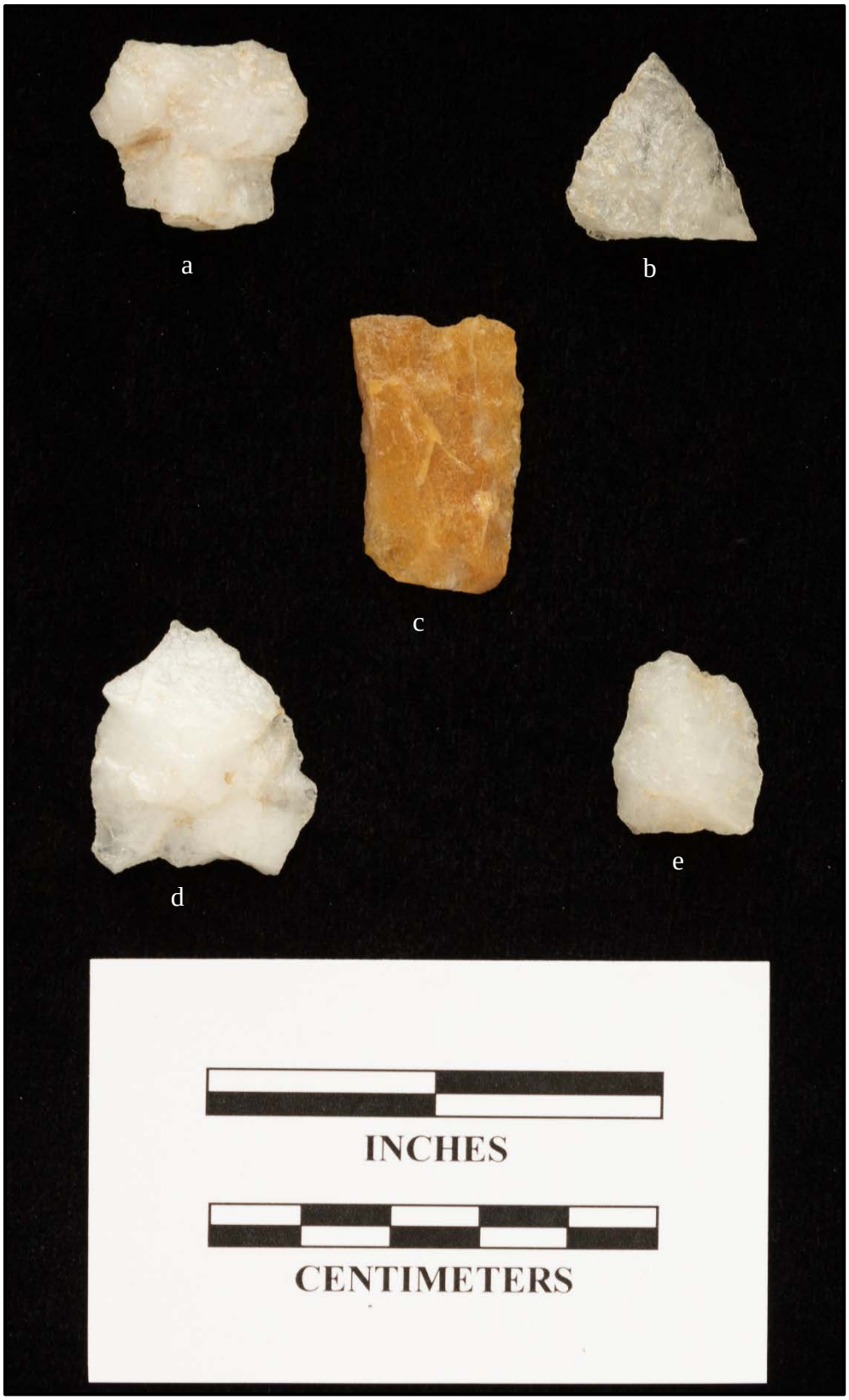

Figure 4.18. Representative Late Stage Bifaces from Site 18MO749.

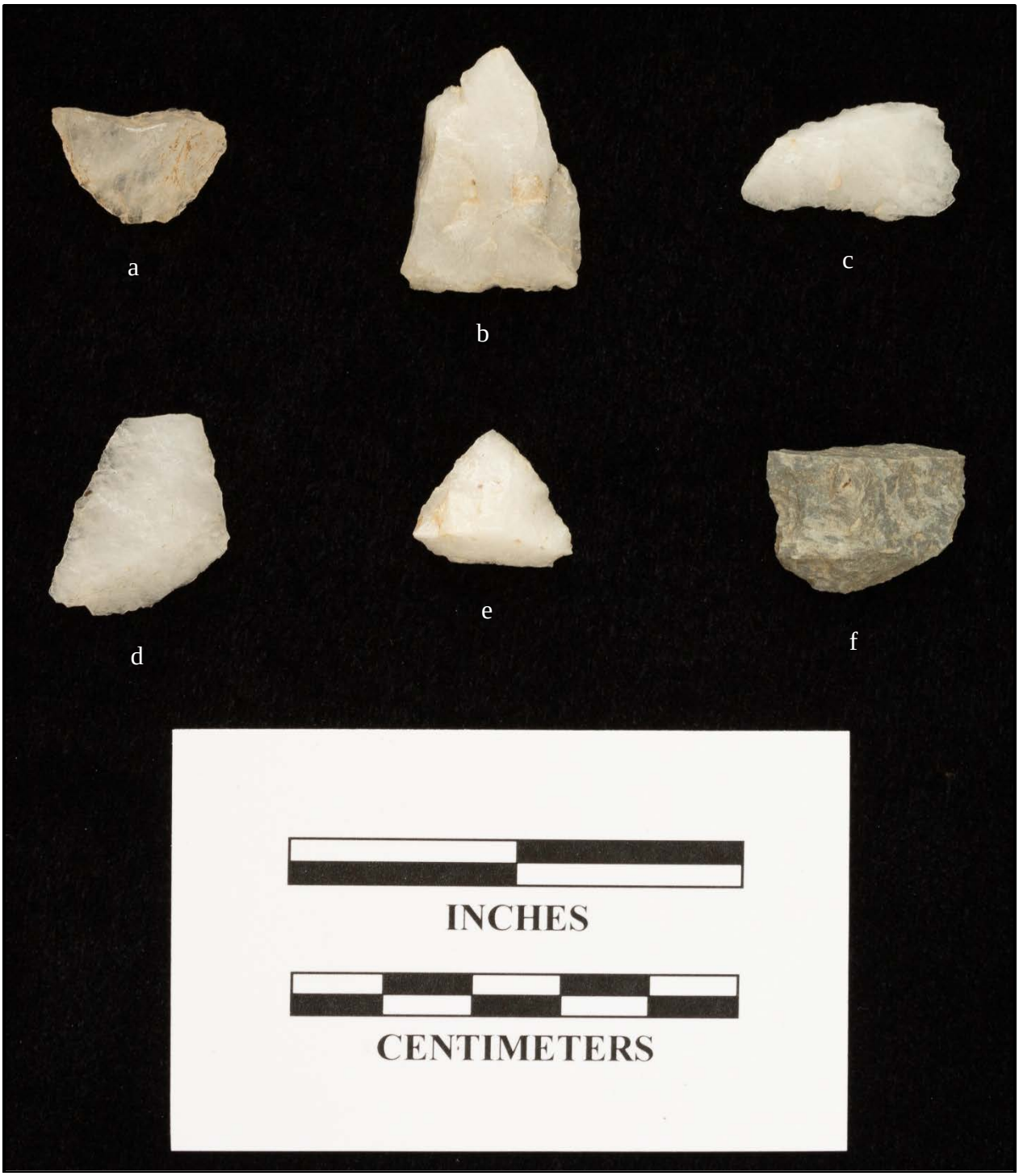

Figure 4.19. Representative Biface Fragments from Site 18MO749. a–e: quartz; f: rhyolite

Figure 4.20. Representative Utilized and Retouched Flakes from Site 18MO749. a, d: utilized quartz flake; b–c, e–l: retouched quartz flake

The recovery of formal (gravers, scrapers, backed knives, PPKs, biface fragments—presumed finished tool fragments) and informal (retouched and utilized flakes, unfinished bifaces) chipped stone tools indicates that a wide variety of activities was carried out at the site. The 10 PPKs, as well as the biface fragments that are likely PPK fragments, provide evidence of the hunting forays conducted from the site and of the return of carcasses to the site. The retouched and utilized flakes, knives, gravers, and scrapers provide evidence of a wide range of processing activities, likely including butchering/animal processing, but possibly also hide working and bone or wood working. In addition, the staged bifaces, although typically considered in progress artifacts meant to eventually be finished as formal tools, may have been used, potentially for digging; for sawing, cutting, chopping, and scraping materials such as meat, hides, vegetal foods, and bark; or for cutting saplings when inserted into a haft. The wide variety of tool types, including both formal and expedient, likely indicates some short term and some longer term occupations, but possibly all directed toward a variety of resource procurement and processing activities, with temporally diagnostic lithic artifacts indicating Late Archaic, Early Woodland, and Late Woodland period occupations. The Early Woodland and Late Woodland periods in particular are well represented in the assemblage.

Debitage includes 15 cores, 566 complete flakes, 4,530 flake fragments, 139 pieces of shatter, and five tested cobbles (Figures 4.21–4.22). Although only 14 of the flakes and three of the cores could be confidently associated with bipolar reduction technology, given the presence of apparent anvils and bipolar cores, it is likely that more of the assemblage should be assigned to this category, but does not display definitive evidence. The debitage is almost exclusively noncortical (95%) and small (0–2 cm=87%), typically the byproducts of final tool production and tool maintenance, which were likely the primary activities associated with lithic reduction on the site, although there is some potential variation in lithic reduction activity by raw material type. The very small argillite assemblage contains an endscraper, an early stage biface, and a core, and more than half of the debitage has some cortex and is larger than 2 cm, suggesting some early stage reduction activities were conducted on site with this material type and that the tools were likely transported to the site in a completed state. It also suggests that argillite tools and materials were curated or conserved. All of the chert flakes are small and only one has cortex, and although no chert tools were found, tool maintenance/curation was likely conducted on the site on artifacts of this material. The jasper flakes are all very small and noncortical and also appear to indicate tool maintenance/curation activities associated with this material. Only four of the 130 pieces of rhyolite debitage have any cortex, 83 percent of the debitage is 2 cm or smaller, and all six of the rhyolite tools are finished formal tools or late stage tools, suggesting that most of the lithic reduction activities associated with this material were focused on final tool production and/or tool maintenance/curation and that at least some of the rhyolite tools likely entered the site in a finished form. Only four of the quartzite tools are chipped stone artifacts (nine are groundstone tools), and these include a mix of expedient and formal tools. A majority (80%) of the quartzite debitage does not contain any cortex, but just over one quarter of the debitage is greater than 2 cm in size, indicating that lithic reduction using this material on the site involved a mix of early and late stage reduction activities. The 75 lithic tools in the quartz assemblage represent a wide range of formal and informal and finished and in progress specimens, and although 96 percent of the debitage does not have any cortex and 88 percent is smaller than 2 cm, eight of the 11 cores do have cortex, suggesting that at least some of this raw material was transported to the site or obtained nearby in cobble form and that some early stage lithic reduction activities occurred on site using this material. Across the site, most of the concentrations of debitage are moderate in density and are probably areas where tool maintenance and final tool production activities occurred. A few higher density concentrations of debitage, cores, and early through late stage bifaces (B1 and B 2 horizons in TUs 1 and 2) are likely areas where more late core reduction and initial tool production occurred.

Figure 4.21. Bipolar Cores from Site 18MO749. a, c: argillite; b: quartzite

Figure 4.22. Representative Cores from Site 18MO749.

In addition to the chipped stone artifacts, a number of groundstone tools, many of which appear to have served multiple uses, were recovered during the Phase II investigation. These consist of one grinding stone, four hammerstones, one hammerstone/core, two hammerstones/anvils, one mano, one bipolar core/anvil/mano, and one metate/anvil/core (Figures 4.23–4.24). Groundstone artifacts appear to reflect both lithic reduction and food processing activities, and is suggestive of longer term site occupation, or periodic return to the site.

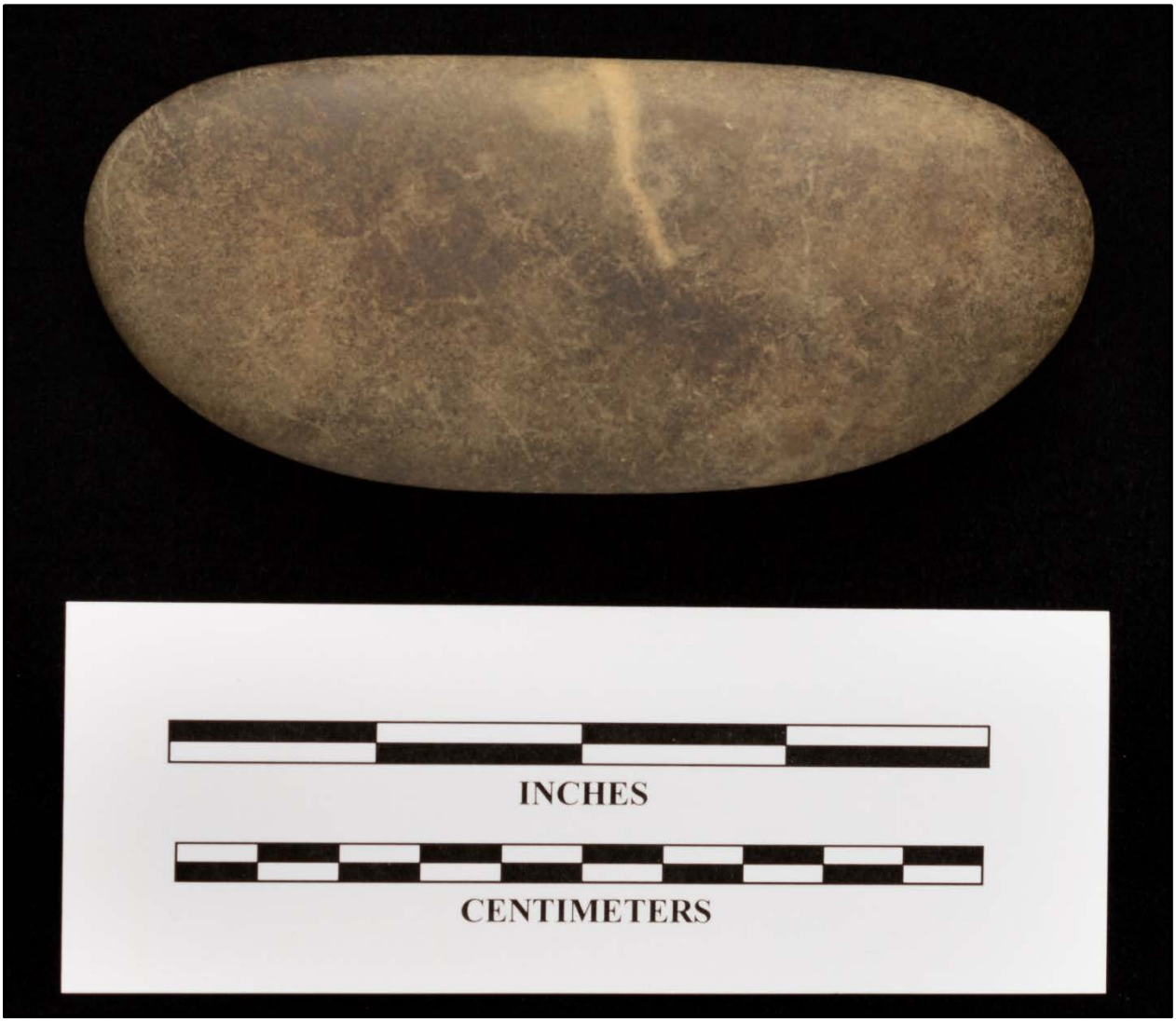

Figure 4.23. Quartzite Grinding Stone from Site 18MO749.

Figure 4.24. Representative Hammerstones from Site 18MO749. a–c: quartzite; d: schist

In total, 46 FCR were found during the Phase II, as were 97 calcined bone fragments, providing evidence of cooking activities and suggesting the potential for the presence of hearth features on the site. The FCR were particularly concentrated in TUs 1 and 2, with roughly equal amounts by weight recovered from each. In TU 1, most of the FCR was found in the lower half of the B1 horizon (0.80–1.55 ftbs), and almost all of the FCR in TU 2 was found in the upper quarter of the B2 horizon (1.50–2.25 ftbs). More than two-thirds of the calcined bone by weight was also recovered from the B2 horizon of TU 2.

The lithic assemblage is characterized by a wide variety in raw material types, although most are represented in fairly modest numbers, with the notable exception of quartz, which comprises 93 percent of the lithic assemblage. Rhyolite (3%) and quartzite (6%) artifacts were found at slightly higher densities than any other materials aside from quartz. About two-thirds of the quartzite artifacts are pieces of debitage, but they also include nine groundstone and four chipped stone tools and two-thirds of the FCR. Almost all of the rhyolite artifacts are pieces of debitage, but four PPKs (both Clagett, one Rossville, and the unclassified stemmed PPKs) and two biface fragments are also rhyolite.

Ceramic Artifacts. Almost two-thirds of the 873 prehistoric ceramic artifacts recovered during Phase II fieldwork are smaller than 2 cm and were counted and weighed, but not further analyzed. Another 105 of the sherds are eroded and could not be confidently assigned to a particular type. The 211 sherds that could be classified as a specific regional ware include types representing very Early through very Late Woodland period occupations. Only a few examples of some types are represented, such as Marcey Creek, Selden Island, Popes Creek, Mockley, and Shepard, although the individual sherds classified as these types are distinctive enough to allow confidence in their assignment (Figures 4.25 and 4.26). Somewhat more difficult to distinguish are the sand and/or quartz tempered Accokeek and Potomac Creek sherds (Figures 4.27 and 4.28), although a concerted effort was made to ensure that these two assemblages were internally consistent and any equivocal specimens were placed in the unclassified category. Fifty sherds were classified as Accokeek and 101 sherds were classified as Potomac Creek. A few of the Accokeek sherds are eroded, but most are cordmarked, and only one Accokeek rim sherd was found. Most of the Potomac Creek sherds are cordmarked, but a few plain, incised, and cordwrapped stick specimens were found, and six Potomac Creek rim sherds were recovered. Seven of the Rappahannock sherds are fabric impressed, but the remaining 21 are incised with a variety of motifs, and four Rappahannock rim sherds were found (Figure 4.29). Some of the Accokeek, Mockley, Potomac Creek, and Rappahannock sherds were constructed with micaceous sand, suggesting a potentially common local source for the clay. A majority of the sherds are relatively small, and although some cross mending was possible within a provenience, no vessel reconstruction was possible and no vessel form data was obtained. Internal consistency within most of the minimally represented types (Marcey Creek, Selden Island, Popes Creek, and Shepard) suggests just a single vessel for each, but multiple Rappahannock incised and Potomac Creek vessels are clearly represented, and multiple Accokeek and Mockley vessels appear to be represented.

Historic Artifacts. Five historic artifacts were found in TU 2 and one was found in the Ab horizon of an STP. Three of the historic artifacts, two glass button inset links (cufflink or collar link, etc.) and one copper linked button link, date to the mid- to late 18th century and were recovered in the B2 horizon (1.75–2.25 ftbs) of TU 2. These likely represent a single artifact. The artifact from the STP is an unidentified iron object. The remaining two historic artifacts are wrought iron nails—one found in the Ab horizon (1.25–1.50 ftbs) and one found in the B1 horizon (1.75–2.0 ftbs) in TU 2. The vertical location of the artifacts can be attributed to bioturbation or to settling due to the loose sandy soils of the site. The historic component of the site is minimal, was restricted to only two locations in the Phase II testing, and does not appear to represent an occupation of site 18MO749, but may be associated with the use of the C&O Canal to the [redacted].

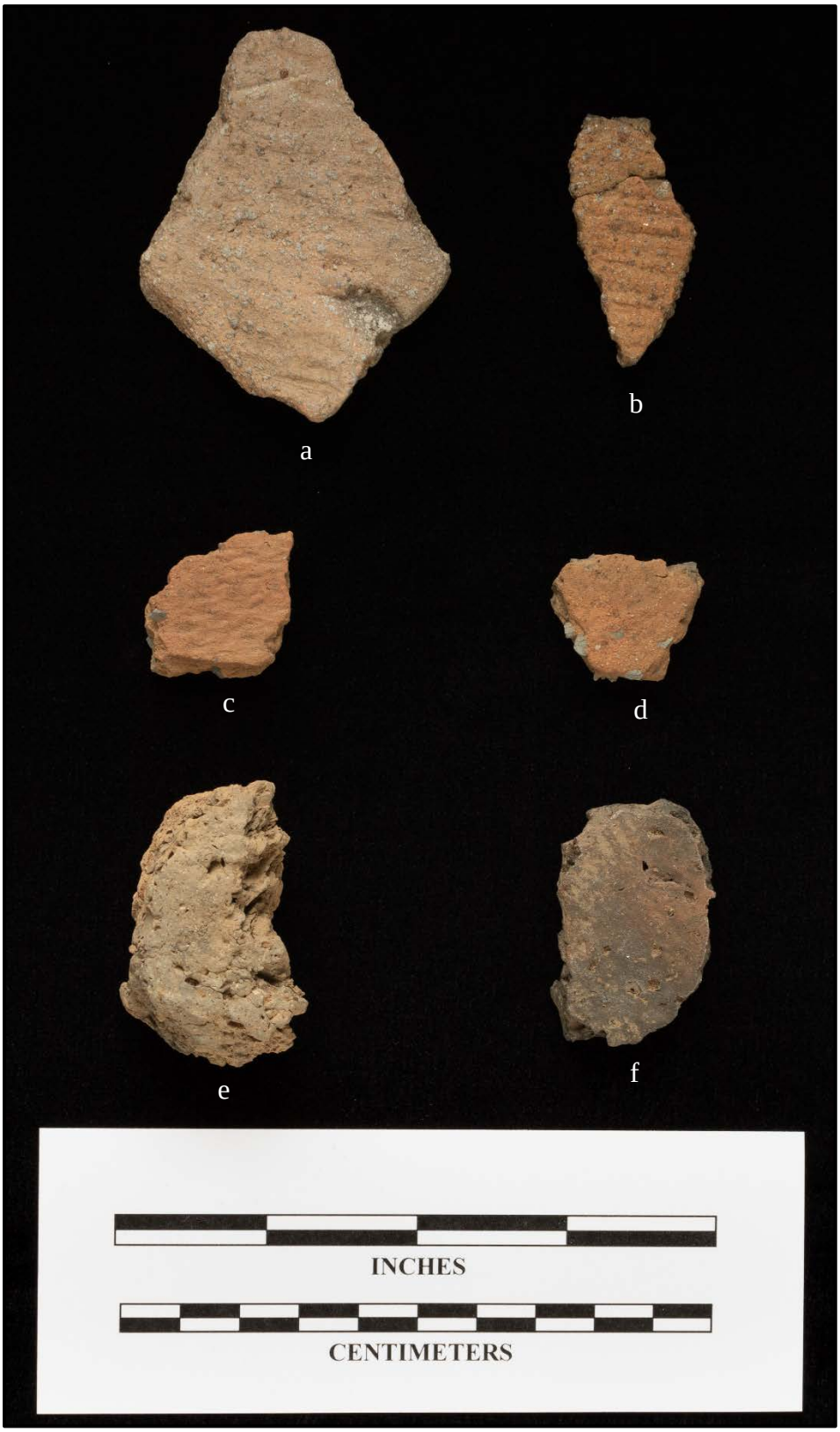

Figure 4.25. Miscellaneous Ceramic Sherds from Site 18MO749. a: Marcey Creek; b: Selden Island; c, d: Shepard; e, f: Mockley

Figure 4.26. Representative Popes Creek Sherds from Site 18MO749. a–e: net impressed

Figure 4.27. Representative Accokeek Sherds from Site 18MO749. a–b, d–f: cordmarked body; c: cordmarked rim

Figure 4.28. Representative Potomac Creek Sherds from Site 18MO749. a: unidentified eroded rim; b, d–g: cordmarked; c: cordmarked rim; h, i: cord wrapped stick

Figure 4.29. Representative Rappahannock Sherds from site 18MO749. a–i: incised

Artifact Distribution. In total, one historic and 872 prehistoric period artifacts were collected from STPs during the Phase II investigation at 18MO749. Artifacts were collected from the surface and recovered from up to 4.20 ftbs in four different soil horizons in STPs and from re-excavation of Phase I STPs, although horizon designations are less secure for artifacts recovered from STPs due to the difficulty in determining stratigraphic breaks in the more confined area. In addition, artifacts were collected from the surface on the top of the rock outcrop in what is now the north-central portion of the site (based on Phase II results) and on the northern portion of the terrace. Artifacts collected from the surface consist of one quartzite metate/anvil/core, one quartzite anvil/bipolar hammerstone, two quartz flakes, one quartz mid stage biface, one quartz type IV side scraper, one quartz graver, and one rhyolite untyped partial PPK. Artifacts were recovered from 60 of the 68 STPs, and the majority of STPs that did not contain cultural material encountered schist bedrock near the surface or were in proximity to the wetland that bounds 18MO749 to the north.

The thin Oi horizon (which, when found, ranged from 0–0.80 ftbs across the site, averaging 0.40 ft thick) only produced quartz flakes (*n*=12) from seven STPs, all between N500 and N600, representing slightly more than 1% of the STP assemblage.

The B1 horizon (which ranged from 0–4.20 ftbs, averaging 2.28 ft thick) produced 675 prehistoric artifacts from 50 different STPs, with 60 percent (*n*=403) of all B1 artifacts collected from 17 of those STPs (individual totals ranged from 7 to 53 artifacts) between N435–485 E150–565. The artifact total from the B1 horizon represents more than 77 percent of the entire STP assemblage. The B1 horizon STP artifact assemblage includes three calcined bone fragments, 18 lithic tools, 97 prehistoric ceramic sherds, two quartz core fragments, three tested cobbles, and 560 pieces of debitage. The ceramic sherds include one Popes Creek, 13 Accokeek, three Mockley, seven Potomac Creek, one Rappahannock, 15 unclassified, and 59 residual specimens. The lithic tools are one rhyolite Clagett PPK, one quartzite Levanna PPK, one quartz backed knife, one quartz graver, one mid stage quartz biface, one late stage quartz biface, one quartz biface fragment, one rhyolite biface fragment, one quartzite and two quartz retouched flakes, two utilized quartz flakes, two quartzite hammerstones, one sandstone hammerstone, one schist hammerstone, and one quartzite mano. The debitage consists of 480 quartz, 48 quartzite, 14 rhyolite, three argillite, two chert, one schist, one unidentified lithic material, and one graywacke specimens. The B1 horizon artifact total from STPs represents a much larger proportion of the STP assemblage (over 77%) compared to the TUs, where about 26 percent of recovered artifacts were recovered from the B1 horizon. This suggests that activities during the period in which the B1 horizon was deposited and occupied were more dispersed across the entire site relative to activities represented in the deeper components of the site.

Four STPs (N450 E300, N485 E450, N500 E400, and N550 E585) contained an Ab horizon (2.10–4.20 ftbs, averaging 1.48 ft thick), which produced 71 prehistoric artifacts and one historic artifact (recovered at the B1/Ab interface [2.20 ftbs]). This represents slightly more than 8 percent of the entire STP assemblage. STP N485 E450 produced the highest number of artifacts from the Ab horizon, yielding 69 percent of the Ab horizon artifacts (*n*=50) and all of the Ab horizon prehistoric ceramics. The STP Ab horizon artifact assemblage includes one unidentified iron object, five Accokeek sherds, two Rappahannock sherds, two residual sherds, one quartz mid stage biface, one late stage rhyolite biface fragment, one quartz retouched flake, and 53 quartz, four quartzite, and two rhyolite pieces of debitage.

In total, 57 artifacts were recovered from the B2 horizon (1.00–4.30 ftbs, averaging 1.24 ft thick) in 18 STPs (*n*=1–8), with no discernable concentration areas. This represents slightly more than 6.5 percent of the entire STP assemblage. The STP B2 horizon artifact assemblage includes one Accokeek sherd, three Potomac Creek sherds, one Rappahannock sherd, three unclassified sherds, one residual sherd, one rhyolite Clagett PPK, one quartz biface fragment, two quartz late stage biface fragments, one quartzite bipolar core/possible anvil/possible mano, two quartzite cobbles, and two quartzite, one rhyolite, one chert, and 37 quartz flakes. The B2 horizon artifact total from STPs represents a much smaller proportion of the STP

assemblage (6.5%) compared to the TUs, where 54 percent of recovered artifacts came from the B2 horizon. This seems to reflect a concentration of activities during the period in which the B2 horizon was deposited and occupied within specific parts of the site that were tested by excavation units.

In total, 5,519 prehistoric and five historic period artifacts were recovered from TUs 1–3 during the Phase II investigation at 18MO749. Test unit artifacts were collected from depths as great as 4.50–5.00 ftbs in eight different soil horizons (Oi, B1, Ab, B2, B3, B4, B5, and B6), although artifact density in the deepest horizons is low, and the presence of a few diagnostic artifacts from the dense Late Woodland component appears to reflect downward drift and bioturbation within the site's loose alluvial soils (Table 4.6). TUs 1–3 produced a variety of lithic tools, ceramics wares, and other materials from multiple soil horizons related to Late Archaic and Early through Late Woodland period occupations of the site. Of the 5,524 artifacts collected from TUs 1–3, 84 percent are lithic artifacts (*n*=4,662), 13.5 percent are prehistoric ceramics sherds (*n*=747), and the remaining 2.5 percent of artifacts are faunal (*n*=105), ethnobotanical (*n*=5), and historic (*n*=5) specimens. Much of the prehistoric ceramic assemblage from the TUs are small residual sherds not formally typed, but 23 percent of the sherds are assigned to a specific ware (*n*=172), including Selden Island (*n*=2), Marcey Creek (*n*=2), Accokeek (*n*=30), Popes Creek (*n*=14), Mockley (*n*=8), Potomac Creek (*n*=90), Rappahannock (*n*=24), and Shepard (*n*=2). A wide variety of material types is represented in the TU lithic assemblage, although almost all of the artifacts and most of the tools are quartz (Table 4.7).

Table 4.6. Artifacts from Test Units at Site 18MO749 by Horizon.

	Horizon and Depth Range in ftbs									
Artifact Type	**Oi 0.0–0.30**	**B1 0.10–1.55**	**Ab 1.25–1.80**	**B2 1.50–4.55**	**B3 1.50–4.50**	**B4 2.50–3.75**	**B5 3.75–4.75**	**B6 4.25–5.0**	**Wall 0.0–4.55**	**Total 0.00–5.00**
Ceramic										
Selden Island						2				**2**
Marcey Creek						2				**2**
Accokeek		4	2	10	3	11				**30**
Popes Creek				2	12					**14**
Mockley		4		4						**8**
Potomac Creek	1	57	17	5	2	1			7	**90**
Rappahannock		13	3	7	1					**24**
Shepard		1		1						**2**
Residual Sherd	2	240	106	117	13	2			7	**487**
Unclassified Sherd		43	19	20	6					**88**
Ethnobotanical										
Charcoal		1				4				**5 (10.2 g)**
Faunal										
Calcined Bone		12	10	70	2					**94**
Cancellous Bone		1								**1**
Cortical Bone				2						**2**
Tooth Enamel		6	2							**8**
Historic										
Linked Button Insets				2						**2**
Linked Button Link				1						**1**
Nail, Wrought			1	1						**2**
Lithic										
Rossville PPK						2				**2**
Levanna PPK			1							**1**
Potomac PPK			2							**2**
Unclassified PPK			1							**1**
Backed Knife						1				**1**
End Scraper, Type II							1			**1**
Thumbnail Scraper		1		2						**3**

Table 4.6. Artifacts from Test Units at Site 18MO749 by Horizon.

	Horizon and Depth Range in ftbs									
Artifact Type	**Oi 0.0–0.30**	**B1 0.10–1.55**	**Ab 1.25–1.80**	**B2 1.50–4.55**	**B3 1.50–4.50**	**B4 2.50–3.75**	**B5 3.75–4.75**	**B6 4.25–5.0**	**Wall 0.0–4.55**	**Total 0.00–5.00**
Scraper		2			1					**3**
Side Scraper, Unclass.				1						**1**
Side Scraper, Type II				1						**1**
Side Scraper, Type IV				1						**1**
Graver		1		2	1					**4**
Biface, Early Stage			3	1						**4**
Biface, Mid Stage			1	5	1	1				**8**
Biface, Late Stage			2	1						**3**
Biface, Unid.		3	1	2						**6**
Biface Fragment		4		4						**8**
Retouched Flake		5	2	5	1					**13**
Anvil/Hammerstone		1								**1**
Hammerstone		1								**1**
Hammerstone/Core			1							**1**
Small Grinding Stone				1						**1**
Bipolar Core		1		1			1			**3**
Core, Fragment		4		4	1	1				**10**
Bipolar Flake		2			1					**3**
Flake, Complete		108	29	320	5	1	6	2	3	**474**
Flake, Fragment	7	866	357	2345	229	46	50	10	20	**3,930**
Shatter		41	20	46	17	2		1	1	**128**
Tested Cobble		1								**1**
Fire Cracked Rock		17	16	11	1	1				**46**
Totals	**10**	**1,440**	**596**	**2,995**	**297**	**77**	**58**	**13**	**38**	**5,524**

TUs 1–3 all contained a shallow Oi horizon (0–0.30 ftbs), but only TU 1 produced artifacts from this horizon, consisting of seven quartz flakes, one unclassified sherd, and two residual sherds. The B1 horizon (0.10–1.55) was present in TUs 1–3 and yielded 1,440 prehistoric artifacts, 26 percent of the total TU artifact assemblage. Twenty-five percent (*n*=362) are prehistoric ceramics, 1,058 are lithic (73%), one is faunal, and one is a very small (0.1 g) piece of charcoal. Prehistoric ceramic artifacts from the B1 horizon were found at the highest density in TU 1 (63% of identifiable ceramics from the TUs, *n*=228), followed by TU 2 (38%, *n*=122), and then TU 3 (3%, *n*=12). B1 horizon prehistoric ceramic sherds consist of Accokeek (*n*=4), Mockley (*n*=4), Potomac Creek (*n*=57), Rappahannock (*n*=13), and Shepard (*n*=1). The B1 horizon lithic materials are argillite (*n*=6), jasper (*n*=2), quartz (*n*=88), quartzite (*n*=111), and rhyolite (*n*=21). These include 14 tools (1%) consisting of two quartzite biface fragments, four quartz biface fragments, one quartz graver, five quartz retouched flakes, and two quartz scrapers.

An Ab horizon was present in TU 1 (1.55–1.80 ftbs) and TU 2 (1.25–1.50 ftbs), which produced 561 artifacts, 10 percent of the total artifacts collected from TUs. The Ab horizon assemblage includes 401 lithic (71%), 147 prehistoric ceramic (26%), two faunal, and one historic artifacts. Ab horizon ceramic sherds include Accokeek (*n*=2), Potomac Creek (*n*=17), and Rappahannock (*n*=3). The Ab horizon lithic assemblage is comprised of argillite (*n*=4), chert (*n*=1), conglomerate (*n*=4), gneiss/schist (*n*=1), quartz (*n*=342), quartzite (*n*=42), rhyolite (*n*=5), and schist (*n*=1). These include 14 lithic tools (2.5%) consisting of one quartz Levanna PPK, two quartz Potomac PPKs, one quartz unclassified stemmed PPK, one argillite early stage biface fragment, two quartz early stage biface fragments, one quartz mid stage biface, two quartz late stage biface fragments, one quartz unidentified biface fragment, two quartz retouched flakes, and one quartzite hammerstone.

Table 4.7. Lithic Artifacts from Test Units 1–3 at Site 18MO749 by Material.

Artifact Type	Argillite	Chert	Conglomerate	Crystal	Gneiss/Schist	Jasper	Quartz	Quartzite	Rhyolite	Schist	Total
Rossville PPK							1		1		2
Levanna PPK							1				1
Potomac PPK							2				2
Unclassified Stemmed PPK							1				1
Graver						1	3				4
Backed Knife							1				1
Thumbnail Scraper							3				3
End Scraper, Type II	1										1
Side Scraper, Fragment							1				1
Side Scraper, Type II							1				1
Side Scraper, Type IV							1				1
Scraper							3				3
Biface, Early Stage	1						3				4
Biface, Mid Stage							8				8
Biface, Late Stage							3				3
Biface, Unidentified							5	1			6
Biface Fragment							7	1			8
Retouched Flake, Complete							11				11
Retouched Flake, Fragment							2				2
Anvil/Hammerstone								1			1
Small Grinding Stone								1			1
Hammerstone								1			1
Hammerstone/Core								1			1
Bipolar Core	2							1			3
Core, Fragment							9	1			10
Bipolar Flake, Complete	1							2			3
Flake, Complete	1	2		1			423	28	19		474
Flake, Fragment	2	3		13		7	3,633	178	94		3,930
Shatter	6						122				128
Tested Cobble								1			1
Fire Cracked Rock			6		1		2	30		7	46
Total	**14**	**5**	**6**	**14**	**1**	**8**	**4,246**	**247**	**14**	**114**	**4,662**

The B2 soil horizon was found only in TU 1 (1.80–4.55 ftbs) and TU 2 (1.50–2.75 ftbs) and contained 54 percent (*n*=2,985) of the total TU artifacts. The B2 artifact assemblage includes 2,753 lithic (92%), 166 prehistoric ceramic (5%), 72 faunal, and four historic artifacts. The B2 prehistoric ceramic assemblage includes Accokeek (*n*=10), Mockley (*n*=4), Popes Creek (*n*=2), Potomac Creek (*n*=5), Rappahannock (*n*=7), and Shepard (*n*=1) wares. The B2 lithic assemblage in TU 1 (*n*=2,262) and TU 2 (*n*=491) consists of argillite (*n*=1), chert (*n*=2), jasper (*n*=4), quartz (*n*=2,683), quartzite (*n*=58), and rhyolite (*n*=4) artifacts. In total, 26 lithic tools (1.8%) were collected from the B2 horizon, include one small quartzite grinding stone, three quartz biface fragments, one quartz early stage biface, five quartz mid stage bifaces, one quartz late stage biface, three quartz unidentified biface fragments, two quartz gravers, four quartz retouched flakes, one quartz side scraper fragment, one quartz type II side scraper, one quartz type IV side scraper, and two quartz thumbnail scrapers.

The B3 horizon was encountered in TU 2 (2.75–4.50 ftbs) and TU 3 (1.50–2.50 ftbs) and produced a total of 5 percent (*n*=297) of the TU artifacts. The B3 horizon assemblage includes 258 lithic (86%), 37 prehistoric ceramic (12%), and two faunal artifacts. The B3 horizon prehistoric ceramic assemblage includes Popes Creek (*n*=12), Accokeek (*n*=3), Potomac Creek (*n*=2), and Rappahannock (*n*=1) wares. The lithic assemblage consists of rhyolite (*n*=3), jasper (*n*=1), quartzite (*n*=15), and quartz (*n*=234) artifacts. In addition, four lithic tools (1.3%) were found in TU 3—one quartz mid stage biface, one jasper graver, one quartz retouched flake, and one quartz scraper.

The B4 horizon was only observed in TU 3 (2.50–3.75 ftbs) and produced 55 lithic (71%) and 18 prehistoric ceramic (23%) artifacts, and four charcoal fragments. The charcoal fragments are small chunks (10 g total) found in the screen and collected and it is not clear if they are associated with cultural activity or naturally occurring in this horizon. Prehistoric ceramic sherds found in the B4 horizon consist of 11 Accokeek, two Marcey Creek, one Potomac Creek, and two Selden Island. The four lithic tools (7.2%) recovered from the B4 horizon are one quartz backed knife, one quartz mid stage biface, one quartz Rossville PPK, and one rhyolite Rossville PPK. A B5 soil horizon was present in TU 2 (4.50–4.75 ftbs) and TU 3 (3.75–4.25 ftbs), which produced 57 pieces of lithic debitage and one type II argillite end scraper. TU 2 (4.75–5.00 ftbs) and TU 3 (4.25–4.50 ftbs) contained a B6 horizon, which produced a total of only 13 pieces of lithic debitage (two quartz, two chert, two quartzite, and seven rhyolite).

When recovered diagnostics are sorted by soil horizon, the 170 temporally diagnostic prehistoric artifacts from TUs (STPs are not included as horizon assignment is less secure) indicate that although there appears to be some mixing of artifacts, stratified deposition of the temporal components is recognizable, as shown in Table 4.8 and Figures 4.30 and 4.31. Figure 4.30 expresses the relative frequencies of diagnostic artifacts recovered as a proportion of all diagnostic artifacts recovered from each stratum. Figure 4.31 expresses the relative frequencies of diagnostic artifacts recovered as a proportion of diagnostic artifacts from each temporal component (Early, Middle, and Late Woodland).

In general earlier artifacts were found in lower stratigraphic contexts than the later artifacts. The two Late Archaic Clagett PPKs were found in a B horizon in STPs—one between 1.30 and 3.50 ftbs and one between 1.00 and 2.90 ftbs—and it is possible that they were found in the deeper portions of those ranges, although this cannot be confirmed as STPs were excavated by strata. Ceramic artifacts from the dense Late Woodland component of the site occur in small quantities in the deeper levels of the site. When viewed as a proportion of the total Late Woodland ceramic assemblage (Table 4.8), the relative frequencies of Late Woodland sherds found in the deeper levels is very small (about 3% of Late Woodland ceramics were recovered from the B2 horizon, and less than 1% of Late Woodland ceramics were recovered from the B3 horizon). The majority of the Late Woodland ceramic assemblage was recovered from the two strata underlying the Oi horizon: about 63 percent was recovered from the B1 horizon, and 21 percent was recovered from the Ab horizon. Three early historic period artifacts were found in the B2 horizon in TU 2, although it is likely that

these small items ended up there as a result of downward drift in sandy soils and/or bioturbation and do not indicate any substantial disturbance in that horizon.

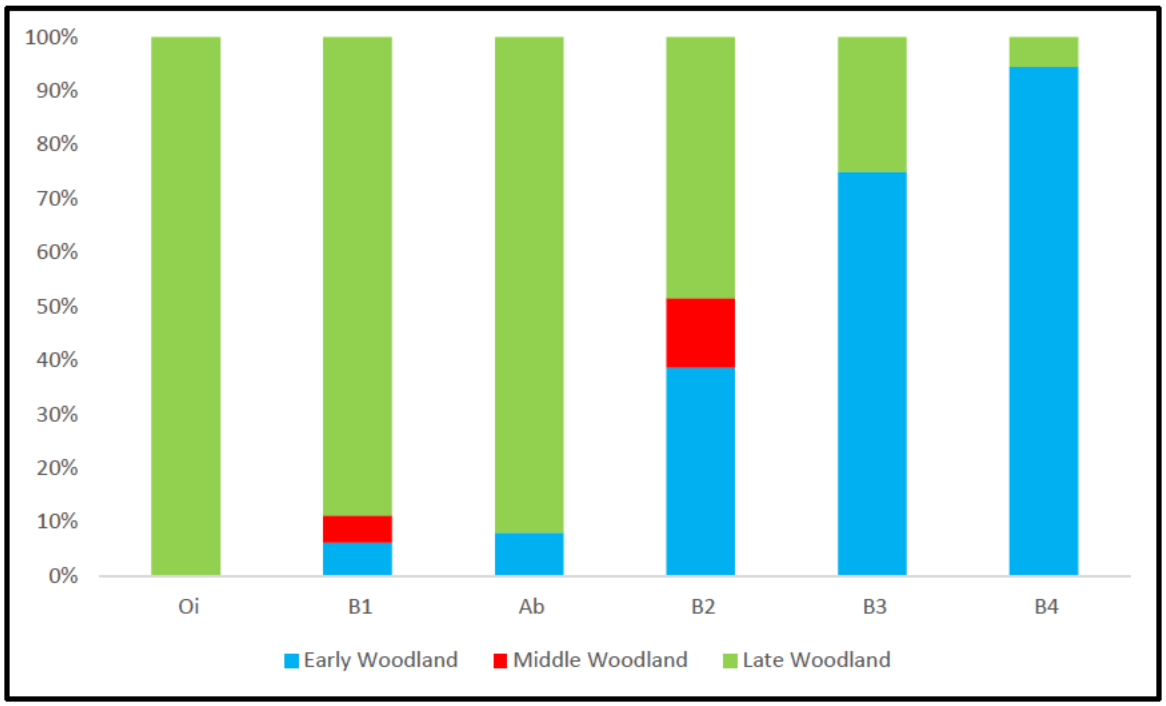

Figure 4.30. Vertical Distribution of Diagnostic Ceramic and Lithic Artifacts from Site 18MO749 by Time Period, Expressed as a Percentage of Artifacts Recovered by Soil Horizon.

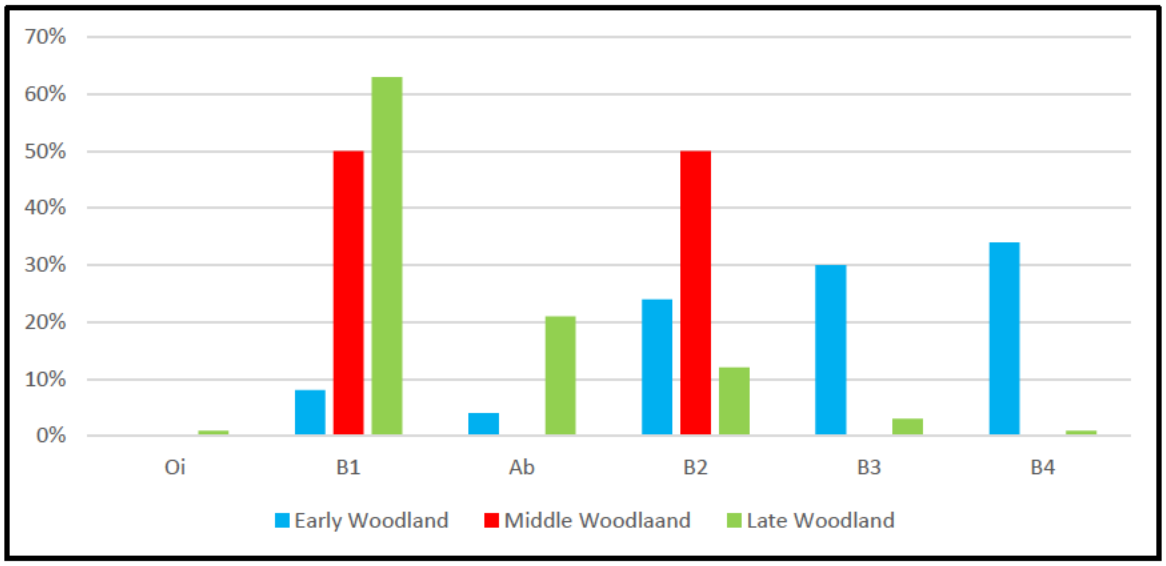

Figure 4.31. Vertical Distribution of Diagnostic Ceramic and Lithic Artifacts from Site 18MO749 by Time Period, Expressed as a Percentage of Artifacts Recovered by Temporal Component.

The B4 horizon produced the oldest ceramic types represented on the site, although in small numbers, and the B3 and B4 horizons combined contained about two-thirds of the Early Woodland period diagnostic artifacts. All of the Selden Island and Marcey Creek sherds were recovered from the B4 horizon, and the B3 and B4 horizons contained no artifacts diagnostic of the Middle Woodland period, and less than 4 percent of the Late Woodland artifacts. Early Woodland Accokeek ceramics were recovered from the B1,

Ab, B2, B3, and B4 horizons, and were concentrated in the B2 (*n*=10, 33% of that ware) and B4 (*n*=11, 37%) horizons. Late Early to early Middle Woodland Popes Creek sherds were recovered only from the B2 (*n*=2) and B3 (*n*=12, 86% of the Popes Creek sherds) horizons. The Accokeek assemblage was only somewhat larger than the Marcey Creek, Selden Island, and Popes Creek assemblages combined, but was found over a greater stratigraphic range. It cannot be said whether this represents a longer period of use of the Accokeek type, greater bioturbation of the upper soil levels, or the range of overlap between Accokeek and Potomac Creek body and base sherds.

Table 4.8. Temporally Diagnostic Ceramic and Lithic Artifacts from TUs 1–3 at Site 18MO749 by Horizon, Expressed as a Percentage of Artifacts Recovered within Each Temporal Component.

Time Period	Artifact Type	Oi	B1	Ab	B2	B3	B4	Total
Early Woodland	Marcey Creek						2	**2**
	Selden Island						2	**2**
	Accokeek		4	2	10	3	11	**30**
	Rossville PPK						2	**2**
	Popes Creek				2	12		**14**
Early Woodland Subtotal Count		*0*	*4*	*2*	*12*	*15*	*17*	***50***
Early Woodland Subtotal Percentage		***0***	***8***	***4***	***24***	***30***	***34***	***100***
Middle Woodland	Mockley		4		4			**8**
Middle Woodland Subtotal Count		*0*	*4*	*0*	*4*	*0*	*0*	***8***
Middle Woodland Subtotal Percentage		***0***	***50***	***0***	***50***	***0***	***0***	***100***
Late Woodland	Levanna PPK			1				**1**
	Shepard		1		1			**2**
	Rappahannock		13	3	7	1		**24**
	Potomac PPK			2				**2**
	Potomac Creek	1	57	17	5	2	1	**83**
Late Woodland Subtotal Count		*1*	*71*	*23*	*13*	*3*	*1*	***112***
Late Woodland Subtotal Percentage		***<1***	***63***	***21***	***12***	***3***	***<1***	***100***

The recovery of small numbers of Potomac Creek and Rappahannock sherds (*n*=4, representing 3.5% of the recovered sherds of those two wares) in the B3 and B4 horizons indicates a minor but noticeable degree of bioturbation across the site. Middle Woodland Mockley ceramics were restricted to the B1 and B2 horizons, and their small numbers do not suggest a major Middle Woodland occupation of the site. Late Woodland artifacts were primarily concentrated in the B1 horizon (63%), but were also found in the underlying Ab (21%) and B2 horizons (12%), and very sparsely distributed in the OI, B3, and B4 horizons.

Some horizontal spatial patterns appear to be present (Figure 4.32). One of the Clagett PPKs was found in the northeastern corner of the site, and the other was found in the southeastern corner. The two Rossville PPKs and the two Marcey Creek and the two Selden Island sherds were found together in the same TU in the southeastern portion of the site. Horizontally, the Accokeek ceramics were found across the full east-west span of the site, but were confined to the south half of the site (up to N500).

Late Early Woodland and Middle Woodland ceramics were recovered from a restricted portion of the site. The 15 Popes Creek sherds were found in a relatively concentrated area in the east-central portion of the site, and 11 were recovered from TU 2, which also produced eight of the 11 Mockley sherds.

Late Woodland diagnostics were also concentrated in the east-central portion of the site. TU 2 produced the two Shepard sherds and 12 of the 24 Rappahannock sherds recovered from TUs. Another 10 sherds of Rappahannock ware were found in TU 1 just to the southeast. The remaining Rappahannock sherds recovered from STPs were found in fairly close proximity to those TUs in the east-central portion of the site. These two TUs also produced the two Potomac and one of the Levanna PPKs; the other Levanna PPK

was found 10 m south of TU 1 in an STP. Almost three-quarters of the 101 Potomac Creek sherds were found in TU 1, and almost all of the others recovered by shovel testing were found in this same area.

Faunal material (burned and unburned) was particularly concentrated (80% of total from site by weight) in TU 2, with a smaller concentration found in TU 1 (19% of total from site by weight), both located in the southeastern portion of the site. FCR was also particularly concentrated in TU 1 (44% of total from site by weight) and TU 2 (47% of total from site by weight). The groundstone tools were found almost exclusively in a roughly 115 × 115 ft area encompassing the three TUs and the more productive STPs in that portion of the site.

Summary and Recommendations

Phase II investigation at 18MO749 consisted of the excavation of 68 STPs and three TUs primarily concentrated on the lower terrace [redacted], but extending across that terrace to the west and up onto an upper terrace containing a rock outcrop. Phase II investigations extended the boundary of the site, which now covers an area measuring at least 630 ft east-west by 270 ft north-south. In total, 6,391 prehistoric and six historic period artifacts were collected during the Phase II investigation at 18MO749. Artifacts were found in STPs up to 4.2 ftbs in four different soil horizons and from eight different soil horizons to depths up to 5.0 ftbs in TUs. The Phase II investigation at site 18MO749 identified Late Archaic, and Early, Middle, and Late Woodland occupations that appear to have good potential for horizontal and vertical integrity and clarity. The best represented components date to the Early Woodland and Late Woodland periods. In addition, a portion of one potential cultural feature was encountered and partially investigated in TU 1, and the recovery of FCR and calcined bone fragments suggests that other features are likely present. The site assemblage is characterized by a wide diversity in lithic tool types and raw materials. In addition to projectile points or knives, bifaces were recovered representing various production stages, and a wide variety of scrapers, gravers, backed knives, and informal flake tools as well as a wide range of groundstone tools were recovered. Together these represent a wide range of activities carried out at the site.

Site 18MO749 appears to represent a periodically revisited campsite or hamlet with primarily Early and Late Woodland period occupations. The Phase II results suggest that it contains cultural deposits and features that could provide substantive data regarding a variety of research issues, possibly allowing an opportunity to study changes in prehistoric lifeways between the early and late portions of the Woodland period. Potential research issues that could be addressed by site data include temporal trends in lithic reduction technologies, lithic raw material preferences, resource extraction practices, subsistence practices, and settlement patterns, as well as the refinement of fine-grained chronological placement of regional ceramic wares. The site is recommended eligible for the NRHP under Criterion D, and further investigation or avoidance is recommended.

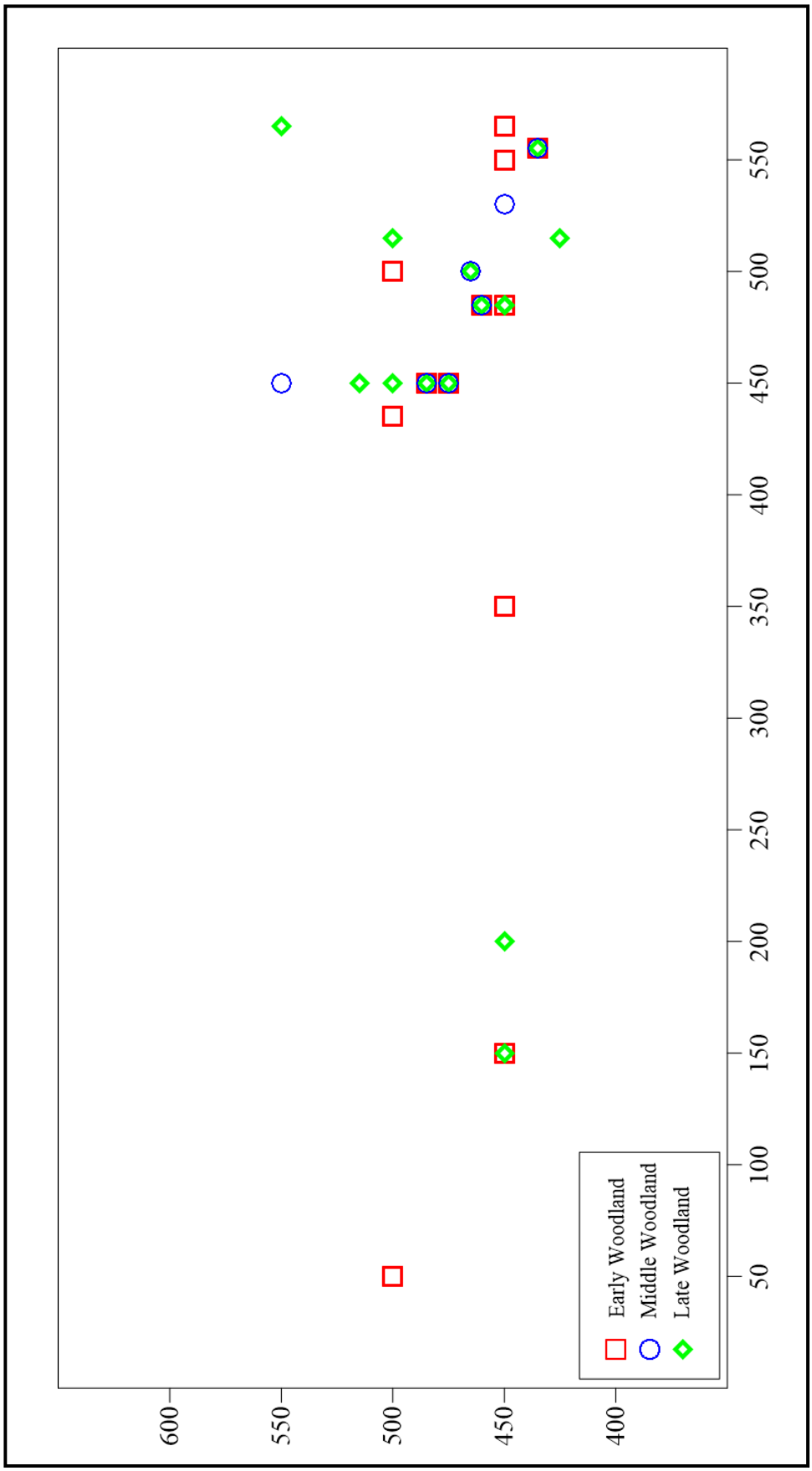

Figure 4.32. Horizontal Distribution of Diagnostic Artifacts by Time Period from Site 18MO749.

5. RESULTS OF THE PHASE II EVALUATION OF SITE 18MO751

SUMMARY OF PHASE I SURVEY RESULTS

Eighteen of the 35 STPs excavated within site 18MO751 during the Phase I survey produced five prehistoric and 30 historic artifacts (Figure 5.1) (Arnold et al. 2019). These consist mainly of early 19th through early 20th century domestic materials including ceramics (whiteware, ironstone, yellowware, and Rockingham), glass, nails and other iron hardware, and food remains. The site is situated on a relatively flat area on [redacted] adjacent to C&O Canal Lock [redacted]. The site is situated on an upper terrace of the [redacted] and is bounded to the south by a steeply-sloped hillside terminating at a low-lying wetland adjacent to the [redacted]

In Phase I STPs, the A horizon was typically a dark yellowish brown (10YR 3/4) to brown (10YR 4/3) silt loam, terminating at a B horizon between 0.20 and 0.80 ftbs. A majority of the artifacts from the Phase I survey were recovered from this stratum. Several STPs exhibited a transitional stratum below this initial layer that was darker in color and contained a higher frequency of small gravels. STPs within the site generally terminated within a subsoil of strong brown (7.5YR 4/6) silty clay. When encountered, bedrock was typically between 1.20 and 1.70 ftbs.

The survey also identified a dry-laid stone building foundation, measuring approximately 20 × 30 ft (6 × 9 m) and partially built into the hillslope at the base of the terrace on the southeastern edge of the site. Several STPs were excavated in and around this foundation, but only one piece of clear window glass was found. The foundation extends from the hillside downslope toward an ephemeral stream that runs east-west through the study area. The foundation is situated 50 ft west of the stream, with its bulkhead wall facing the stream. The dimensions of this foundation roughly match the dimensions of the standing lock house at Lock [redacted], as does the method of construction, and it may represent an undocumented, original location of Lock House [redacted], an ancillary structure related to that lock house, or possibly an unrelated structure that predates construction of the canal.

The portion of the site [redacted] of the canal includes the area directly [redacted] of Lock [redacted] bounded to the [redacted] by the lock and the bypass flume to the [redacted] The Lock [redacted] bypass flume is constructed and oriented differently than the bypass flumes of nearby Locks [redacted] STPs placed across this area produced ceramic and architectural artifacts, which were considered likely to be associated with the remains of a domestic structure depicted in that area on 19th and 20th century maps, likely the Lock [redacted] lock house. A photograph of this same structure is shown in Figure 5.3.

The site contained cultural features, produced a moderate density and relatively wide variety of artifacts, and was characterized by patterned artifact distributions, and the Phase I investigation found that the site may be eligible for the NRHP. Avoidance was not an option for this project, so a Phase II investigation was necessary.

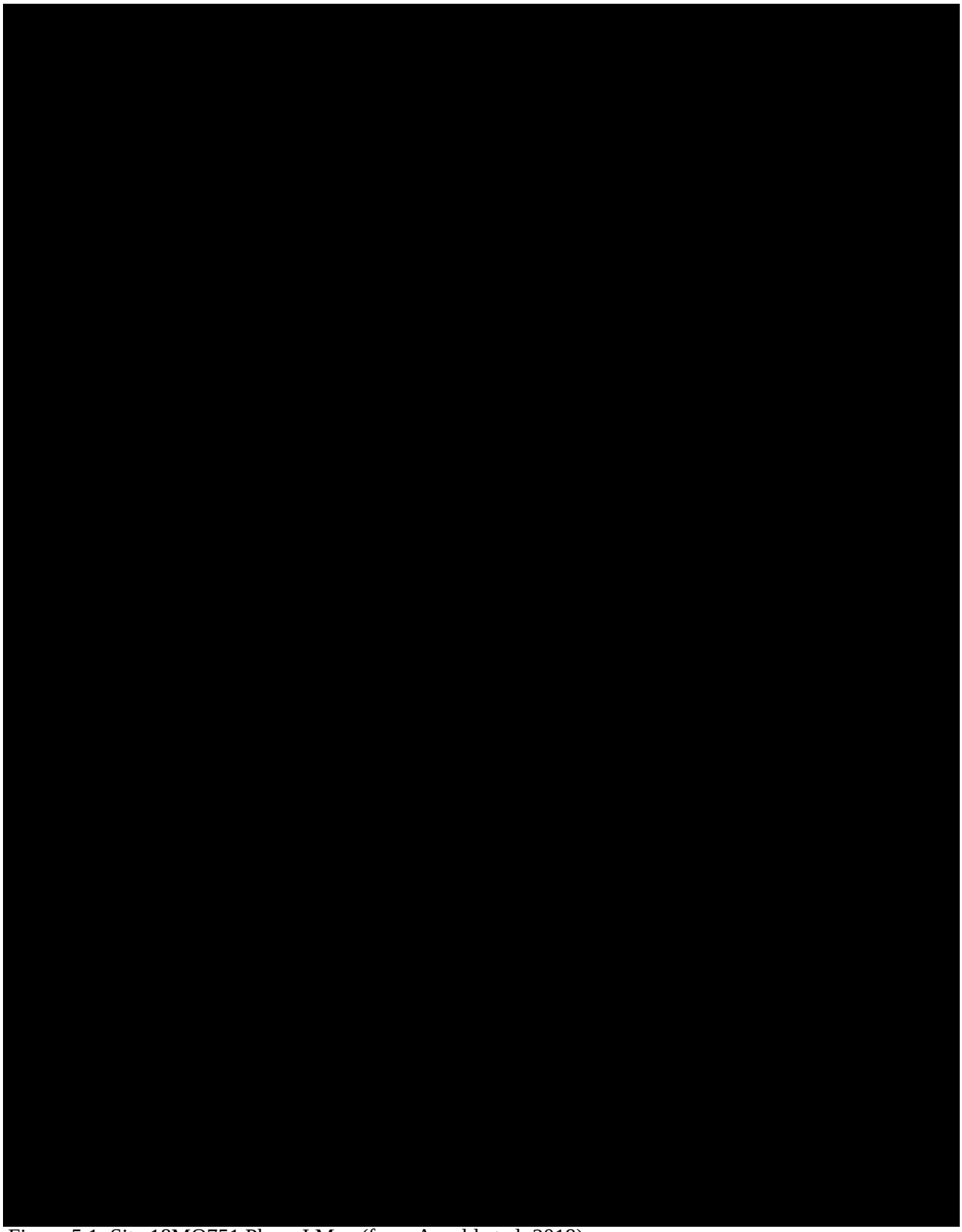

Figure 5.1. Site 18MO751 Phase I Map (from Arnold et al. 2019).

SITE HISTORY

Comprehensive and more detailed historic context (including a chain of title for the property containing this site) is provided in the primary reports for this project (Arnold et al. 2019; Hutchins-Keim et al. 2018), and only site specific information is briefly presented in this addendum chapter. Construction on the C&O Canal was originally intended to begin in 1828, when President John Quincy Adams broke ground during an opening ceremony in Little Falls, Maryland, but construction did not begin in full force until 1832 due to a series of delays, setbacks, and legal battles. Despite years of delays and work stoppages—and a budget massively ballooned from original estimates—the canal was completed in 1850. Boats would have begun traveling in the vicinity of Lock [redacted]—one of the so-called "Seven Locks"—as soon as the section was completed in 1831. The canal saw its peak usage during the early 1870s, when some 850,000 tons of cargo were carried down the canal by as many as 500 boats at a given time. Increasing pressure from the B&O Railroad and a series of catastrophic floods brought the C&O Canal into serious decline by the end of the 1880s, at which point the Railroad purchased a majority stake in the canal. Canal operation continued through 1924, when a major flood caused considerable damage, and a 1936 flood caused additional destruction. In 1938, the Baltimore and Ohio (B&O) Railroad sold the entire canal to the Federal Government for $2 million, and by 1961 the canal was declared a national monument. In 1971 Congress declared the C&O Canal a National Historical Park, conveying to the canal its modern-day status.

Locks [redacted] were located in Construction Section [redacted], and Fenlon & Bosteder are listed as the contractors for Lock [redacted] on March 1, 1829 (Unrau 1976:243–261). Lock House [redacted], meant to house the keeper of Locks [redacted], was constructed from June 1829 through May 1830. In August 1830 when the locks and lock houses were completed, company President Charles F. Mercer nominated individuals to serve as lock keepers. The first recorded lock keeper for Locks [redacted] was Charles L. Sears who occupied Lock House [redacted]. Typically, the lock keepers were married men who lived in the lock houses with their families; women were banned from serving as lock keepers, although a few women briefly served as lock keepers after the death of their husbands (Unrau 1976:794). One such exception was Rebecca Farman who tended Locks [redacted] in 1846 after the death of her husband, although the board determined that she was not fit to tend all three locks and transferred her to Lock [redacted]. Adeleade Hill who served as keeper in June 1860 is the final woman recorded as keeper of Lock [redacted] (Unrau 1976:796).

Typically, the lock houses were constructed on a two foot tall stone foundation measuring 30 (9 m) by 18 ft (6 m) with an earthen floored cellar below the kitchen. The houses included an attic, a stone or brick central chimney placed on a stone foundation with fireplaces in each of the lower rooms, stone lintels over the doors and windows, and heart pine board flooring (Unrau 1976:804–805). Construction specifications changed somewhat in 1836 to allow the use of brick for the foundation, the construction of full basements with drains reinforced with iron gratings, and locust for door and window lintels (Unrau 1976:806). Historic American Building Survey scaled drawings for Lock House [redacted] indicate that it was a frame building that faced west with a screened porch addition to the front façade, a shed attached to the rear façade, and a brick interior chimney located just off center (Figure 5.2). A photograph of Lock House [redacted] taken ca. 1936 shows the house north of the lock and matches the HABS drawing (Figure 5.3). When the NPS acquired the structure, it was in poor condition and was deemed unsuitable to serve as an operational facility. Unless the negative was inverted when printed the perspective indicates that the house was located [redacted] of the lock, as Lock [redacted] gates opened to the [redacted] Field inspection shows that the negative was not inverted. Structures are shown [redacted] of the canal near Locks [redacted] on early through mid-20th century topographic maps, but only the one [redacted] of Lock [redacted] is shown on a later 20th century map (USGS 1900, 1945, 1951, 1961).

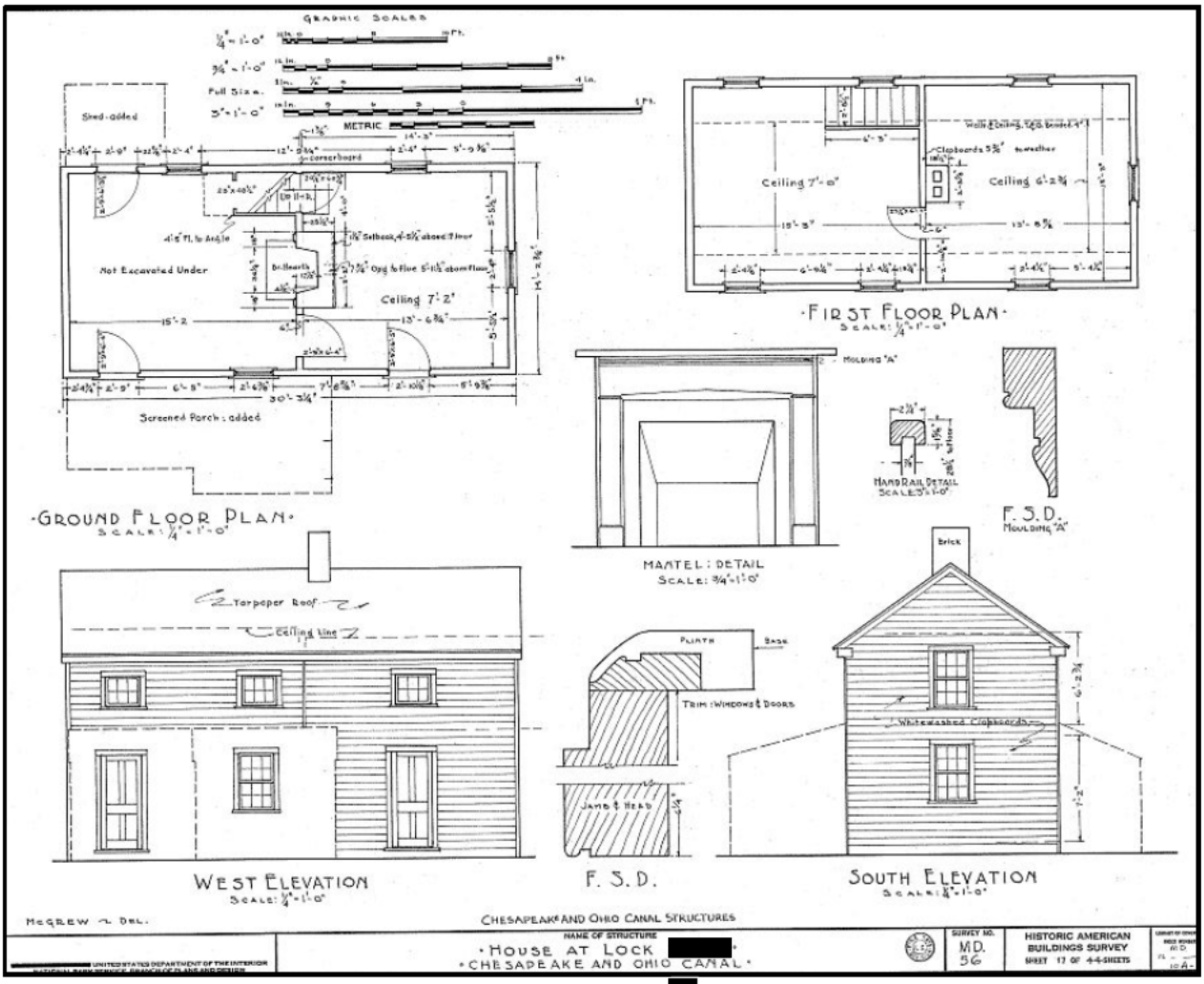

Figure 5.2. HABS Drawing of House at C&O Canal Lock [redacted] (from Library of Congress).

SITE SETTING

The site is located on a gently sloping terrace [redacted] and associated with the C&O Canal, [redacted] and the southern boundary of the site is a rocky outcropping and slope approximately 150 ft south of the walking path. There is a large stone building foundation measuring 30 × 20 ft on the southeastern side of the site, partially built into the slope. Subsurface testing just [redacted] of the lock indicates a second structure was located there, possibly constructed during the 19th century and maintained into the 20th century. This is the mapped location of the Lock [redacted] lock house depicted in Figure 5.3. The portion of the site [redacted] of the towpath and canal is covered by manicured grass with a few scattered trees, and the portion of the site [redacted] of the towpath and canal is lightly wooded with sapling to mature sized mixed hardwood trees and a light underbrush (Figures 5.4–5.6).

Figure 5.3. Ca. 1936 Photograph of House at Lock [redacted] (from C&O Canal NHP files).

Figure 5.4. View of Northern Portion of Site 18MO751, Showing [redacted] in Background and Test Units 1 and 2 in Progress in Foreground, View South.

Figure 5.5. View of Southern Portion of Site 18MO751, Facing South.

Figure 5.6. View of Southern Portion of Site 18MO751, Facing Northwest.

PHASE II GEOMORPHOLOGICAL STUDY (see Appendix 3)

Site 18MO751 is situated within the Uplands Section of Maryland's Piedmont Physiographic Province. This section is characterized by ancient metamorphic rock types, and bedrock in the vicinity of the project area is prototypic for the section. Consisting of the Late Precambrian age Upper Pelitic Schist member of the Wissahickon Formation, these rocks form the moderately to gently sloping uplands of the region, and soils developed from them are the principal sources for transported materials carried as alluvium by local streams. In contrast, alluvial deposits close to the [redacted] are comprised of sediments derived from the rocks and soils of multiple, distant provinces.

Site 18MO751 is situated on a gently sloping upland overlooking the floodplain of the [redacted] Piedmont upland landscapes normally have prolonged histories of cultivation, and tillage-induced soil movement entailing both erosion as well as redeposition often accounts for more significant changes in regional soils and landscapes then all of the combined natural processes of the Holocene. Additionally, upland antiquities typically dating well into the Pleistocene limit almost all prospects for cultural materials to near-surface levels. For this reason, surface integrity is of paramount importance, and any disturbance or destruction of an upland surface usually translates to comparable effects on cultural deposits.

Based on two soil examinations, the site area has suffered a considerable amount of disturbance, probably even to the extent that prospects for prehistoric or very early historic cultural materials no longer exist. In each of the examinations, thin (0.20 ft) surface horizons resting directly atop subsoil horizons suggest some soil loss through grading. Additionally, the soils are not as deep as would be expected for a gently sloping upland. Although strongly developed with a yellowish red (5YR 4/6) color and clay loam texture, the argillic horizon (Bt) at the location of Boring 1 was found to be only 1.10 ft thick. Such a thickness is as little as half or even a third of what would normally be expected. The most likely scenario is that the area was historically stripped of soil, probably related to construction of the C&O Canal. Phase I archaeological recoveries of artifacts dating only to the middle of the 19th century or later tend to support this conjecture.

PHASE II ARCHAEOLOGICAL EVALUATION

Shovel Tests

A total of 52 STPs were excavated during the Phase II archaeological evaluation. Eighteen STPs were excavated at 15-foot intervals [redacted] of the canal and towpath (designated Locus 1) in order to explore concentrations of architectural artifacts identified during the Phase I survey. The remaining 34 STPs were placed [redacted] of the canal and towpath (Locus 2) in order to delineate intra-site activity areas, explore historic artifact concentrations, and investigate the material signature of the fieldstone building foundation identified during the Phase I survey. In Locus 2, seven STPs were placed at 25-foot intervals between Phase I transects (which were placed at 50-foot intervals) to better inform TU placement and delineate artifact density areas. For the remaining Phase II STPs, 24 were placed at 15-foot intervals within the existing Phase I site grid and three were placed in close proximity to the fieldstone foundation (Figure 5.7).

A typical shovel test profile in Locus 1 exhibited a dark yellowish brown (10YR 3/4) silt loam A horizon (0–1.00 ftbs) underlain by a dark yellowish brown (10YR 4/6) sandy clay subsoil (1.00–1.30 ftbs). A typical shovel test profile in Locus 2 exhibited a very dark brown (10YR 2/2) silty clay loam A horizon (0–1.10 ftbs) atop a strong brown (7.5YR 4/6) clay subsoil (1.10–1.40 ftbs).

Phase II testing resulted in the recovery of 234 historic and three prehistoric artifacts from 35 STPs. Locus 1 produced 120 artifacts (1 prehistoric) from 16 STPs, and Locus 2 produced 117 artifacts (2 prehistoric) from 19 STPs. A majority of the artifacts are kitchen group items (*n*=133; 56.12%), including ceramics (*n*=57; 24.4%), container/bottle glass (*n*=61; 26.1%), and faunal remains (*n*=15; 6.4%) (Table 5.1).

Architectural group items are well represented also (*n*=89; 37.55%), including nails (*n*=37; 15.8%), window glass (*n*=36; 15.4%), and brick (*n*=16; 6.8%). Smaller quantities of clothing (*n*=2; 0.84%), tobacco pipe (*n*=1; 0.42%), activities (*n*=1; 0.42%), arms and ammunition (*n*=1; 0.42%), and miscellaneous (*n*=7; 2.95%) group artifacts were recovered from STPs. Artifacts similar in type and manufacture date were found in both loci, although substantially more architectural group items were found [redacted] of the canal than [redacted] of the canal, and substantially more kitchen group artifacts were found [redacted] of the canal than [redacted] of the canal. In general, most of the STPs containing artifacts [redacted] of the canal produced less than 10 artifacts each, although two in the eastern portion of that locus produced slightly higher numbers (N650 E800=17, N635 E815=26). All but one of the STPs producing artifacts [redacted] of the canal contained less than 10 artifacts; the exception is N450 E625, which yielded 33 pieces of container glass.

Table 5.1. Artifacts from STPs at Site 18MO751 by Functional Group.

Group	Count	Percentage
Activities	1	0.42%
Architecture	89	37.55%
Arms and Ammunition	1	0.42%
Clothing	2	0.84%
Kitchen	133	56.12%
Tobacco Pipe	1	0.42%
Prehistoric	3	1.27%
Miscellaneous	7	2.95%
Total	**237**	**100.00%**

Test Units

Test Unit 1. Test Unit 1 was a 5 × 5 ft unit placed within Locus 1 where a Phase II STP had encountered a large stone and seven cut nails immediately below the surface, suggesting the possibility of a structure in the area. TU 1 is located in a landscaped and manicured lawn immediately [redacted] of C&O Canal Lock [redacted]. A wooden footbridge crossing the canal connects the area to the C&O Canal towpath to the [redacted]. Five strata were observed in this TU, beginning with an A horizon (0–0.52 ftbs) of dark yellowish brown (10YR 3/4) silt loam. At 0.25 ftbs, two complete handmade bricks were uncovered along the east wall of the TU, and four brick bats forming a rectangular cluster of bricks (1 × 1.8 ft) were found in the south wall. The concentration in the south wall contained bricks roughly parallel to the ground surface. This feature (designated Feature 3) is interpreted as a possible brick pier or support of some sort, related to the canal lock house that according to the ca. 1936 photograph was located nearby. After further excavation, the concentration of bricks in the east wall became more numerous and regularly spaced, with a line of eight bricks protruding from the east wall of the TU (Figures 5.8 and 5.9). These bricks (still considered Feature 3) were also parallel to the current ground surface, and could represent some sort of brick pad or walkway immediately to the east of the TU. Numerous large uncut fieldstones were encountered primarily in the east half of the unit as well, and although these did not appear to be placed in any regular orientation or at a regular depth, they may be related to the linear stone feature (Feature 4) identified in TU 2 to the northwest. These bricks and stones were photographed and drawn *in situ* before excavation in the TU continued.

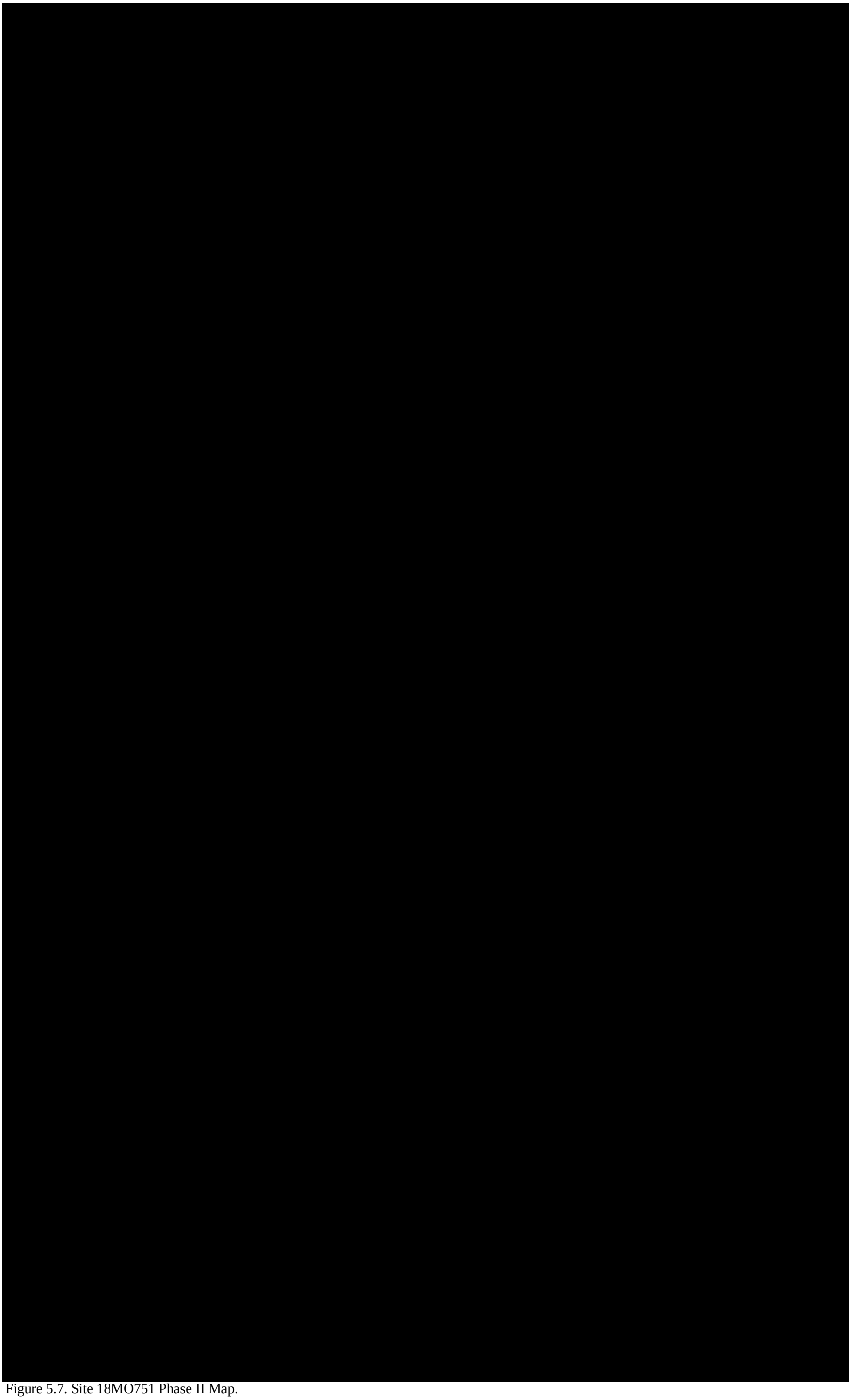

Figure 5.7. Site 18MO751 Phase II Map.

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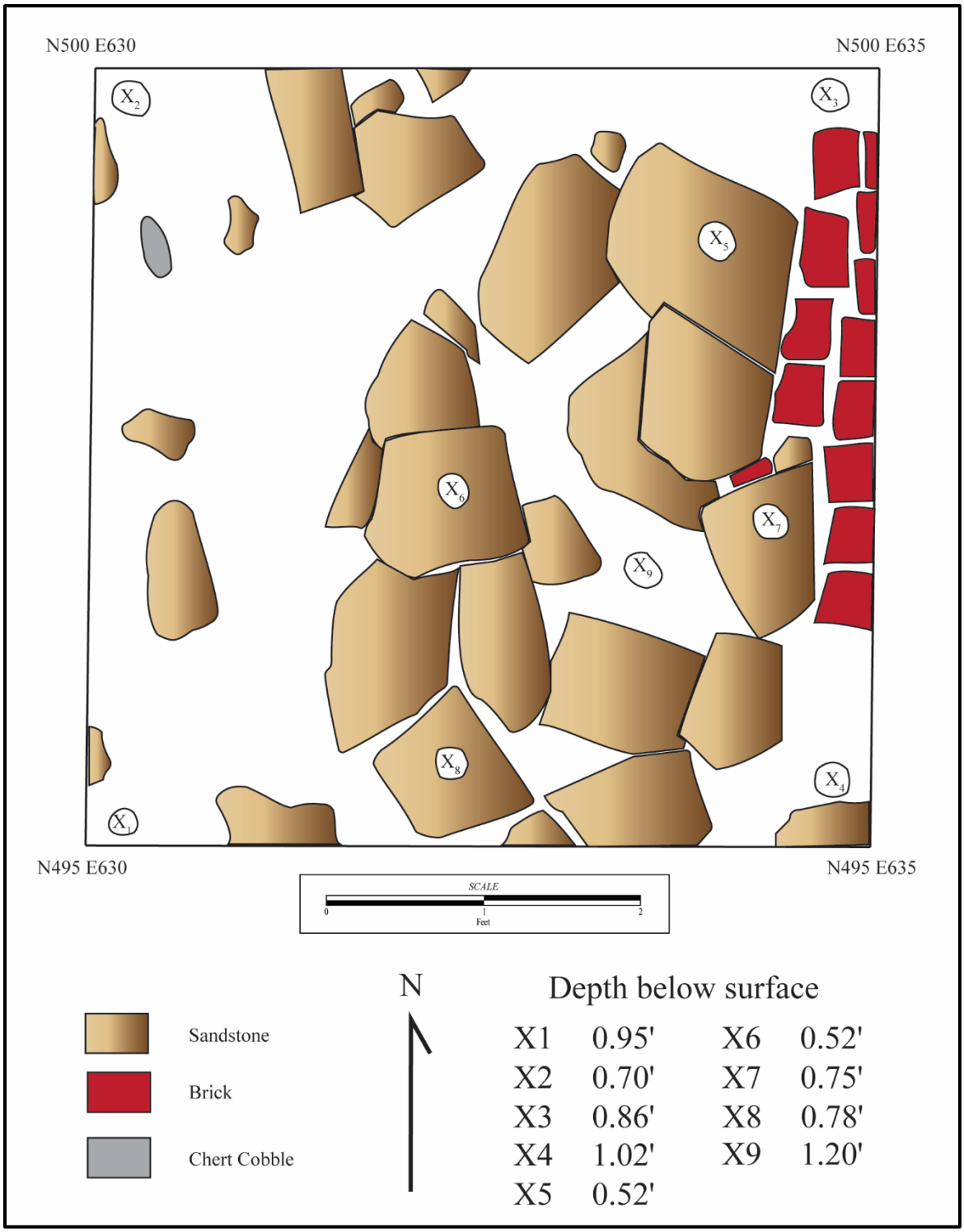

Figure 5.8. Plan Drawing of Feature 3 at Top of Stratum IV in Test Unit 1 at Site 18MO751.

Figure 5.9. View of Feature 3 in East Profile of Test Unit 1 at Site 18MO751, Facing East. (Figure 5.15 shows the plan view of Feature 3 prior to removal of the large uncut fieldstones.)

Below the A horizon were two distinct soil strata: Stratum II in the western portion of the unit and Stratum III in the eastern portion of the unit, both apparent fill or disturbed soils, with Stratum III roughly collocated with the concentration of bricks and angular stone (the local schist that occurs in the numerous bedrock outcrops in the area) at the base of Stratum I. Stratum III is therefore interpreted as a fill layer associated with the dry laid brick concentration. Stratum II (0.52–0.95 ftbs) consisted of dark brown (10YR 3/3) silt loam mottled with dark yellowish brown (10YR 4/4) silty clay loam and strong brown (7.5YR 5/6) silty clay loam. Stratum III (0.54–1.02 ftbs) consisted of very dark grayish brown (10YR 3.2) sandy loam mottled with yellowish brown (10YR 5/6) sandy loam. At the base of Strata II and III was Stratum IV, interpreted as a historic fill layer related to the demolition of a nearby structure or construction of the canal. Stratum IV (0.95–1.36 ftbs) consisted of yellowish brown (10YR 5/6) sandy clay loam mottled with dark yellowish brown (10YR 4/4) sandy clay loam, containing roughly 10 percent small pebbles and river cobbles and 10 percent angular stone. Excavation was terminated within Stratum V (1.36–1.61 ftbs), which consisted of a strong brown (7.5YR 5/8) clay sterile subsoil.

Test Unit 1 produced 764 artifacts (Table 5.2). Of these, 668 artifacts were recovered from Stratum I, 51 from Stratum II, 44 from Stratum III, and one from the top of Stratum IV. A majority of these artifacts are architectural group (n=667) items, followed by kitchen group (n=66), with tobacco pipe (n=5), clothing (n=4), activities (n=2), arms and ammunition (n=1), prehistoric (n=1), and miscellaneous (n=18) groups also represented. A number of architectural artifacts appear to show signs of burning, indicating a possible structural fire or post-demolition fire of a nearby building. Kitchen group artifacts include unidentified container glass (n=19) in olive green, aqua, amber, light pink, and colorless varieties, decorated whiteware (n=16), undecorated whiteware (n=13), oyster shell (n=5), amber bottle glass (n=4), unidentified and calcined animal bone (n=2), undecorated pearlware (n=2), undecorated yellowware (n=2) embossed porcelain (n=1), unidentified colorless glassware (n=1), and an iron alloy spoon fragment. Decorated whiteware types present include reticulated (n=5), medium blue transfer printed (n=5), handpainted

polychrome (*n*=2), blue shell edged (*n*=1), green handpainted (*n*=1), blue handpainted (*n*=1), and blue edged (*n*=1). Although Stratum III contained only whiteware (*n*=5), artifact counts in this stratum were low overall. Additional ware types present include yellowware (*n*=2). Artifacts of note recovered from TU 1 include a partial Susquehanna Broadspear projectile point, an iron alloy spoon handle fragment, an embossed stamped furniture plate, a rouletted white clay tobacco pipe bowl fragment with a partial maker's mark, and several olive green embossed glass flask fragments.

Table 5.2. Artifacts from Test Unit 1 at Site 18MO751 by Stratum.

Artifact Type	I	II	III	IV	Total
Activities					
Machine Bolt	1				1
Object, Unid.	1				1
Activities Subtotal	*2*				*2*
Architecture					
Brick	71		5		76
Hardware, Wire Threaded Eye/Hook	1				1
Linoleum/Vinyl Flooring	7				7
Nail, Cut	201	8			209
Nail, Not Wire			6	1	7
Nail, Unid.	4		9		13
Nail, Wire	201	4	2		207
Nail, Wrought	7				7
Spike, Cut	1				1
Window Glass	125	10	4		139
Architecture Subtotal	*618*	*22*	*26*	*1*	*667*
Arms					
Rifle Cartridge, .22LR			1		1
Arms Subtotal			*1*		*1*
Clothing					
Button, Prosser Type		3			3
Stud	1				1
Clothing Subtotal	*1*	*3*			*4*
Kitchen					
Calcined Bone	1				1
Oyster Shell	1	3	1		5
Unid. Large Mammal Bone			1		1
Container, Bottle	4				4
Container, Embossed Unid.	1	3	1		5
Container, Unid.	12	1	1		14
Glassware, Unid.			1		1
Utensil, Spoon	1				1
Pearlware, Undecorated		2			2
Porcelain, Embossed	1				1
Whiteware, Blue Shell Edge		1			1
Whiteware, Green Handpainted	1				1
Whiteware, Handpainted Blue		1			1
Whiteware, Handpainted Polychrome		1	1		2
Whiteware, Medium Blue Transfer Print	1	1	3		5
Whiteware, Reticulated	3	2			5
Whiteware, Unid. Blue Edged Ware	1				1
Whiteware, Undecorated	7	5	1		13

Table 5.2. Artifacts from Test Unit 1 at Site 18MO751 by Stratum.

Artifact Type	I	II	III	IV	Total
Yellowware, Undecorated	2				2
Kitchen Subtotal	*36*	*20*	*10*		*66*
Tobacco Pipe					
Ball Clay Pipe Fragment	1	1	3		5
Tobacco Pipe Subtotal	*1*	*1*	*3*		*5*
Miscellaneous					
Embossed Stamped Plate	2				2
Melted	3				3
Object, Unid.	5	4	2		11
Wire, Unid.			2		2
Miscellaneous Subtotal	*10*	*4*	*4*		*18*
Prehistoric					
PPK, Susquehanna Broadspear		1			1
Prehistoric Subtotal		*1*			*1*
Total	**668**	**51**	**44**	**1**	**764**

Test Unit 2. TU 2 was a 5 × 5 ft unit placed within Locus 1 immediately northwest of TU 1 in order to examine a wider area in a potential former structure location (see Figure 5.7). The southeast corner of TU 2 was collocated with the northwest corner of TU 1 (see Figure 5.4). Three strata and three features (one cultural [Feature 4] and two noncultural [Features 1 and 2]) were observed during excavation of TU 2. Stratum I (0–0.75 ftbs) was a very dark brown (10YR 2/2) silt loam A horizon containing a line of angular stones running north-south through the middle of the TU (Figure 5.10). These stones formed a single course with no mortar and were designated Feature 4. Stratum II (0.75–0.80 ftbs) consisted of a thin lens of brownish yellow (10YR 6/8) silty clay loam, interpreted as historic fill associated with the demolition of a nearby building or construction of the canal. This stratum is analogous to Stratum IV in TU 1, although the stratum does not extend across the entire unit. Excavation was terminated within the sterile Stratum III (0.80–1.80 ftbs) subsoil, which consisted of a very densely compacted strong brown (7.5YR 4/4) silty clay B horizon with some evidence of bioturbation. The upper levels of this stratum are interpreted as a gradual transition to subsoil with significant historic disturbance and bioturbation, accounting for the presence of historic artifacts in these upper levels.

TU 2 produced 662 historic artifacts (and one prehistoric artifact) from three strata and two of the three identified features (Table 5.3). In total, 552 artifacts were recovered from Stratum I, 17 from Stratum II, 76 from Stratum III, two from Feature 1, one from Feature 2, and 14 unprovenienced artifacts were recovered from wall cleaning. A majority of these artifacts are architectural group (*n*=429) items, followed by kitchen (*n*=153) and miscellaneous (*n*=57), with activities (*n*=8), clothing (*n*=8), tobacco (*n*=4), personal (*n*=1), arms and ammunition (*n*=1), and furniture (*n*=1) groups also represented. Kitchen group artifacts are dominated by undecorated whiteware (*n*=46), unidentified container glass (*n*=38) in amethyst, colorless, aqua, blue, and olive varieties, decorated whiteware (*n*=23), oyster shell (*n*=12), and unidentified animal bone (*n*=5). Also represented are container glass (*n*=3) and pressed glass (*n*=4). Decorated whiteware types present include banded (*n*=2), black transfer print (*n*=3), blue shell edge (*n*=4), embossed (*n*=3), factory slipped (*n*=1), handpainted polychrome (*n*=4), impressed band (*n*=1), medium blue transfer print (*n*=4), and polychrome spongeware (*n*=1). Additional ware types represented include brown salt glazed stoneware (*n*=1), gray salt glazed stoneware (*n*=3), undecorated ironstone (*n*=3), undecorated pearlware (*n*=7), undecorated porcelain (*n*=2), redware (*n*=1), unidentified refined earthenware (*n*=3), and yellowware (*n*=1). Artifacts of note include an anthropomorphic figural pipe bowl fragment likely representing a campaign or political pipe, a white clay pipe stem fragment with a "PETER DORNI" maker's mark, a complete colorless perfume bottle of Art Deco keystone form, a possible clock key, two fragments of a porcelain figurine,

several fragments of a possible child's set of ironstone and porcelain tablewares, a fragment of Depression-era light pink colored glass likely representing a scalloped plate/saucer, a tortoise shell handle fragment, and three fragments of black transfer printed whiteware with the maker's mark "P. REGOUT & CO. MADE IN HOLLAND."

Figure 5.10. View of Feature 4 in Test Unit 2 at Site 18MO751, Facing North.

Table 5.3. Artifacts from Test Unit 2 at Site 18MO751 by Stratum and Feature.

Artifact Type	I	II	III	Fea 1	Fea 2	Unprov.	Total
Activities							
Adjustable Pipe Clamp	1						1
Chain, Links	2						2
Pencil Eraser Head			1				1
Porcelain, Figurine	1				1		2
Porcelain, Toy Plate	1						1
Tool, Unid.	1						1
Activities Subtotal	*6*		*1*	*1*			*8*
Architectural							
Bolt			1				1
Brick	8		2			3	13
Carriage Bolt			1				1
Mortar	5						5
Nail, Cut	141	1					142
Nail, Not Wire			21				21
Nail, Unid.	26	1					27
Nail, Wire	62						62
Spike, Cut	8		1				9
Spike, Wire	9						9

Table 5.3. Artifacts from Test Unit 2 at Site 18MO751 by Stratum and Feature.

Artifact Type	I	II	III	Fea 1	Fea 2	Unprov.	Total
Spike, Wrought?	3						3
Stoneware, Pipe, Brown Wash	1						1
Window Glass	110	2	23				135
Architecture Subtotal	*373*	*4*	*49*			*3*	*429*
Arms							
Shotgun Brass	1						1
Arms Subtotal	*1*						*1*
Clothing							
Bead, Molded			1				1
Bead, Wound	1						1
Button, Mother of Pearl	1						1
Button, Prosser Type	3		1				4
Stud	1						1
Clothing Subtotal	*6*	*2*					*8*
Furniture							
Key	1						1
Furniture Subtotal	*1*						*1*
Kitchen							
Cortical Bone	3						3
Cancellous Bone	1		1				2
Oyster Shell	11	1					12
Container, Canning Jar Lid Liner			2				2
Container, Embossed Unid.	1						1
Container, Unid.	21	1	13	1		2	38
Glassware, Unid.			1				1
Pressed Glass, Depression Era	1						1
Pressed Glass, Drinking Glass	2						2
Pressed Glass, Lid	1						1
Gray Salt Glazed Stoneware	2		1				3
Brown Salt Glazed Stoneware		1					1
Pearlware, Undecorated	6		1				7
Porcelain, Undecorated	2						2
Redware, Undecorated	1						1
Refined Earthenware, Unid.	3						3
Whiteware, Banded	1	1					2
Whiteware, Black Transfer Print	3						3
Whiteware, Blue Shell Edge	3	1					4
Whiteware, Embossed	2	1					3
Whiteware, Factory Slipped	1						1
Whiteware, Handpainted Polychrome	4						4
Whiteware, Impressed Band	1						1
Whiteware, Medium Blue Transfer Print	3	1					4
Whiteware, Polychrome Spongeware	1						1
Whiteware, Undecorated	33	6	1	1		5	46
Ironstone, Undecorated	3						3
Yellowware, Undecorated	1						1
Kitchen Subtotal	*111*	*13*	*20*	*2*		*7*	*153*
Personal							

Table 5.3. Artifacts from Test Unit 2 at Site 18MO751 by Stratum and Feature.

Artifact Type	I	II	III	Fea 1	Fea 2	Unprov.	Total
Container, Perfume Bottle	1						1
Personal Subtotal	*1*						*1*
Tobacco Pipe							
Anthropomorphic Figural Pipe	1						1
Ball Clay Pipe Fragment	2		1				3
Tobacco Pipe Subtotal	*3*		*1*				*4*
Miscellaneous							
Charcoal	2						2
Coal	6						6
Coal Ash	3						3
Object, Unid.	12		2				14
Slag	22					4	26
Tortoise Shell?	1						1
Wood And Charcoal	5						5
Miscellaneous Subtotal	*51*		*2*			*4*	*57*
Prehistoric							1
Flake, Complete			1				1
Prehistoric Subtotal			*1*				*1*
Total	**553**	**17**	**76**	**2**	**1**	**14**	**663**

Test Unit 3. TU 3 was a 5 × 5 ft unit placed in the west-central portion of Locus 2 (see Figure 5.7). This unit was placed to explore a low-density concentration of historic ceramics recovered from STPs in this area. Two strata were observed in TU 3. Stratum I (0–1.0 ftbs) was a very dark brown (10YR 2/2) silt loam A horizon with small and moderate sized roots and other bioturbation (Figure 5.11). Excavation was terminated within Stratum II (1.00–1.25 ftbs), which consisted of a compact strong brown (7.5YR 4/6) silty clay B horizon.

TU 3 produced totals of 642 historic and three prehistoric artifacts all from Stratum I (Table 5.4). A majority of these artifacts are kitchen group (*n*=467) items, followed by the architectural group (*n*=150), with tobacco pipe (*n*=15), miscellaneous (*n*=4), clothing (*n*=3), and furniture (*n*=2) groups also represented. Kitchen group artifacts are dominated by undecorated whiteware (*n*=142), unidentified container glass (*n*=127) in opaque white, amber, olive, green, aqua, and colorless varieties, decorated whiteware (*n*=47), and decorated and undecorated pearlware (*n*=32). Bone (*n*=3), oyster shell (*n*=20), bottle glass (*n*=7), embossed container glass (*n*=28), and unidentified glassware (*n*=5) are also represented. Decorated whiteware types include blue spongeware (*n*=2), banded (*n*=2), black transfer print (*n*=2), blue shell edge (*n*=3), blue transfer print (*n*=1), dark blue transfer print (*n*=2), embossed (*n*=1), factory slipped (*n*=3), handpainted polychrome (*n*=13), light blue glazed (*n*=1), medium blue transfer printed (*n*=4), mulberry transfer printed (*n*=2), red spongeware (*n*=4), sprig painted (*n*=3), and unidentified blue edged (*n*=4). Decorated pearlware types present include blue embossed edge (*n*=1), factory slipped (*n*=1), green embossed edge (*n*=1), handpainted blue (*n*=1), and handpainted polychrome (*n*=1). Additional ware types present include brown salt glazed (*n*=11), gray salt glazed (*n*=5), ironstone (*n*=3), red bodied stoneware (*n*=1), manganese enriched redware (*n*=6), manganese mottled redware (*n*=17), undecorated redware (*n*=1), unidentified refined earthenware (*n*=2), Rockingham (*n*=3), banded yellowware (*n*=1), and undecorated yellowware (*n*=5). Artifacts of note recovered from TU 3 include a white clay tobacco pipe bowl fragment with a partial maker's mark, a brown salt glazed stoneware ginger beer bottle fragment, a brown salt glazed stoneware mineral water bottle fragment, several whiteware fragments with partial maker's marks, and several embossed container glass fragments with lettering.

Figure 5.11. View of South Wall Profile of Test Unit 3 at Site 18MO751, Facing South.

Table 5.4. Artifacts from Test Unit 3 at Site 18MO751 by Stratum.

Artifact Type	I	Total
Architecture		
Nail, Cut	79	79
Spike, Unid.	1	1
Spike, Wrought	2	2
Window Glass	68	68
Architecture Subtotal	*150*	*150*
Clothing		
Button, Press Molded	1	1
Button, Prosser Type	2	2
Clothing Subtotal	*3*	*3*
Furniture		
Mirror	2	2
Furniture Subtotal	*2*	*2*
Kitchen		
Cancellous Bone	1	1
Pig Molar	1	1
Oyster Shell	20	20
Cortical Bone	1	1
Container, Bottle	7	7
Container, Canning Jar Lid Liner	1	1
Container, Embossed Bottle	3	3
Container, Embossed Unid.	25	25
Container, Unid.	127	127
Glassware, Unid.	5	5

Table 5.4. Artifacts from Test Unit 3 at Site 18MO751 by Stratum.

Artifact Type	I	Total
Red Bodied Stoneware	1	1
Gray Salt Glazed Stoneware	4	4
Gray Salt Glazed Stoneware, Cobalt Blue Brushed	1	1
Brown Salt Glazed Stoneware	11	11
Pearlware, Blue Embossed Edge	1	1
Pearlware, Dark Blue Transfer Print	1	1
Pearlware, Factory Slipped	1	1
Pearlware, Green Embossed Edge	1	1
Pearlware, Handpainted Blue	1	1
Pearlware, Handpainted Polychrome	1	1
Pearlware, Undecorated	26	26
Redware, Manganese Enriched	6	6
Redware, Manganese Mottled	17	17
Redware, Undecorated	1	1
Refined Earthenware, Unid.	2	2
Rockingham, Undecorated	3	3
Whiteware Blue Spongeware	1	1
Whiteware, Banded	2	2
Whiteware, Black Transfer Print	2	2
Whiteware, Blue Shell Edge	3	3
Whiteware, Blue Spongeware	1	1
Whiteware, Blue Transfer Print	1	1
Whiteware, Dark Blue Transfer Print	2	2
Whiteware, Embossed	1	1
Whiteware, Factory Slipped	3	3
Whiteware, Handpainted Polychrome	13	13
Whiteware, Light Blue Glaze	1	1
Whiteware, Medium Blue Transfer Print	4	4
Whiteware, Mulberry Transfer Print	2	2
Whiteware, Red Spongeware	4	4
Whiteware, Sprig Painted	3	3
Whiteware, Undecorated	142	142
Whiteware, Unid. Blue Edged Ware	4	4
Ironstone, Undecorated	3	3
Yellowware, Banded	1	1
Yellowware, Undecorated	5	5
Kitchen Subtotal	*467*	*467*
Tobacco Pipe		
Ball Clay Pipe Fragment	15	15
Tobacco Pipe Subtotal	*15*	*15*
Miscellaneous		
Coal	1	1
Object, Unid.	4	4
Miscellaneous Subtotal	*5*	*5*
Prehistoric		
Flake, Fragment	3	3
Prehistoric Subtotal	*3*	*3*
Total	**645**	**645**

Test Unit 4. TU 4 was a 5 × 5 ft unit placed within Locus 2 near STPs that produced relatively higher numbers of artifacts (see Figure 5.7). Two strata were observed in TU 4. Stratum I (0–0.80 ftbs) was a dark brown (10YR 3/3) silt loam A horizon, and Stratum II (0.80–1.05 ftbs) consisted of a compact strong brown (7.5YR 5/6) silty clay loam B horizon with about 15 percent angular schist fragments. Excavation was terminated after one sterile level within Stratum II. A plan view map was drawn at the top of Stratum II to document large pieces of stone within the stratum, as well as a potential feature in the northwest corner of the TU, which was partially investigated and determined to be noncultural (Feature 5). Soils from the possible feature were screened separately, and no artifacts were recovered. The large rocks in this unit appear to be natural bedrock and do not appear to be articulated in any culturally constructed manner (Figures 5.12 and 5.13).

Figure 5.12. View of North Wall Profile of Test Unit 4 at Site 18MO751, Facing North.

TU 4 produced 141 historic and 56 prehistoric artifacts, all from Stratum 1 (Table 5.5). A majority of the historic artifacts are kitchen group (*n*=114) items, followed by architectural group (*n*=26), with miscellaneous (*n*=1) also represented. Kitchen group artifacts are dominated by undecorated whiteware (*n*=39), decorated whiteware (*n*=18), and container glass (*n*=43) in colorless, aqua, amethyst, amber, and olive varieties. Pressed glass (*n*=2) and oyster shell (*n*=1) are also present in the assemblage. Decorated pearlware types include blue handpainted (*n*=2) and polychrome handpainted (*n*=1). Decorated whiteware types include banded (*n*=2), blue shell edge (*n*=1), factory slipped (*n*=3), handpainted polychrome (*n*=1), dark blue transfer print (*n*=6), medium blue transfer print (*n*=1), red transfer print (*n*=1), sprig painted (*n*=1), unidentified blue decoration (*n*=1) and blue edged (*n*=1). Additional ware types present include brown salt glazed (*n*=1), red bodied stoneware (*n*=2), refined red earthenware with metallic glaze (*n*=1), manganese mottled redware (*n*=1), Rockingham (*n*=2), and yellowware (*n*=1). All prehistoric artifacts are quartz. Prehistoric artifact types include tertiary flake fragments (*n*=49), complete tertiary flakes (*n*=4), a Rossville projectile point, and a biface with a possibly reworked base. Rossville projectile points are generally attributed to the Early to Middle Woodland periods, dating to 2,600–1,700 B.P. Other notable artifacts

recovered from TU 4 include a brown salt glazed stoneware ink bottle fragment and several fragments of a dark blue transfer printed teacup/coffee mug.

Figure 5.13. View of West Wall Profile of Test Unit 4 at Site 18MO751, Facing West.

Table 5.5. Artifacts from Test Unit 4 at Site 18MO751 by Stratum.

Artifact Type	I	Total
Architecture		
Nail, Cut	2	2
Nail, Unid.	4	4
Window Glass	20	20
Architecture Subtotal	*26*	*26*
Kitchen		
Oyster Shell	1	1
Container, Bottle	2	2
Container, Jar, Packer Tumbler	1	1
Container, Unid.	40	40
Pressed Glass,	1	1
Pressed Glass, Stemware	1	1
Brown Salt Glazed Stoneware	1	1
Red Bodied Stoneware	2	2
Red Refined Earthenware, Metallic Glaze	1	1
Pearlware, Blue Handpainted	1	1
Pearlware, Handpainted Blue	1	1
Pearlware, Handpainted Polychrome	1	1
Redware, Manganese Mottled	1	1
Rockingham, Embossed	2	2
Whiteware, Banded	2	2

Table 5.5. Artifacts from Test Unit 4 at Site 18MO751 by Stratum.

Artifact Type	I	Total
Whiteware, Blue Shell Edge	1	1
Whiteware, Dark Blue Transfer Print	6	6
Whiteware, Factory Slipped	3	3
Whiteware, Handpainted Polychrome	1	1
Whiteware, Medium Blue Transfer Print	1	1
Whiteware, Red Transfer Print	1	1
Whiteware, Sprig Painted	1	1
Whiteware, Undecorated	39	39
Whiteware, Unid Blue Decoration	1	1
Whiteware, Unid. Blue Edged Ware	1	1
Yellowware, Undecorated	1	1
Kitchen Subtotal	*114*	*114*
Miscellaneous		
Object, Unid.	1	1
Miscellaneous Subtotal	*1*	*1*
Prehistoric		
Rossville PPK	1	1
Biface, Unid.	1	1
Flake, Complete	5	5
Flake, Fragment	40	40
Flake, Fragment	9	9
Prehistoric Subtotal	*56*	*56*
Total	**197**	**197**

Test Unit 5. TU 5 was a 5 × 5 ft unit placed in the central portion of Locus 2 (see Figure 5.7). Two strata were observed in this TU (Figure 5.14). Stratum I (0–0.72 ftbs) was a dark brown (10YR 3/3) silt loam A horizon with small and moderate sized roots and bioturbation across the unit. Stratum II (0.72–0.97 ftbs) consisted of a compact strong brown (7.5YR 5/6) sandy clay B horizon. Excavation was terminated after one sterile level in Stratum II; levels 3 and 4 of Stratum I were also culturally sterile.

TU 5 produced 73 artifacts, all historic artifacts recovered from Stratum I (Table 5.6). A majority of these are kitchen group (*n*=67) items, followed by architectural group (*n*=4), with personal (*n*=1) and furniture (*n*=1) groups also represented. Kitchen group artifacts are dominated by unidentified container glass (*n*=36), with bottle glass (*n*=4), pressed glass (*n*=6), oyster shell (*n*=5), undecorated whiteware (*n*=10), decorated whiteware (*n*=4), manganese mottled redware (*n*=1), and a likely Art Deco style black plastic perfume bottle cap also present in the assemblage. Decorated whiteware is entirely medium blue transfer printed (*n*=4). Other notable artifacts include a complete Art Deco perfume bottle, a glass bottle base with an Owens-Illinois Glass Co. maker's mark, and a *Duraglas* container glass fragment.

Figure 5.14. View of West Wall Profile of Test Unit 5 at Site 18MO751, Facing West.

Table 5.6. Artifacts from Test Unit 5 at Site 18MO751 by Stratum.

Artifact Type	I	Total
Architecture		
Nail, Cut	1	1
Window Glass	3	3
Architecture Subtotal	*4*	*4*
Furniture		
Mirror	1	1
Furniture Subtotal	*1*	*1*
Kitchen		
Oyster Shell	5	5
Bottle Cap, Threaded	1	1
Container, Bottle	4	4
Container, Unid.	36	36
Glassware, Pressed Glass Tumbler	6	6
Redware, Manganese Mottled	1	1
Whiteware, Medium Blue Transfer Print	4	4
Whiteware, Undecorated	10	10
Kitchen Subtotal	*67*	*67*
Personal		
Container, Perfume Bottle	1	1
Personal Subtotal	*1*	*1*
Total	**73**	**73**

Features

Feature 1. Feature 1 was an irregular concentration of darker soil with charcoal at the interface of Stratum II and Stratum III in the southeastern quadrant of TU 2. It was determined to be noncultural in origin, and excavation was terminated.

Feature 2. Feature 2 was a circular concentration of darker soil within Stratum III in the southwestern quadrant of TU 2. It was determined to be noncultural in origin, and excavation was terminated.

Feature 3. Feature 3 was a series of bricks and brick bats encountered along the east wall of TU 1 at the top of Stratum IV (see Figure 5.8; Figure 5.15). Feature 3 was originally observed as a roughly linear series of bricks and brick bats along the east wall of TU 1 at a depth of 0.52 ftbs. The bricks along the east wall were located directly on top of several large stones that extended across much of the TU at that depth. The stones did not appear to be articulated in any form of cultural construction, and they may be associated with Feature 4, a dry-laid stone alignment in TU 2 to the northwest. Feature 3 was photographed and a plan view map was drawn, and then bricks and brick bats that were not affixed in the east wall of the unit were removed, counted, weighed, and measured where complete dimensions of the bricks could be measured to allow continued excavation of the TU. The bricks, brick bats, and large stones were primarily within Stratum III of the TU, which was observed in only the east half of the unit and stratigraphically adjacent to Stratum II, which was observed in only the west half of the unit. Stratum III is interpreted, then, as some kind of fill layer associated with Feature 3, and possibly underlying a brick walkway extending from the east wall of the TU farther eastward outside of the unit. Artifacts recovered (n=39) from the two 0.25 foot levels of Stratum III include white clay tobacco pipe fragments (n=3), handpainted, transfer printed, and undecorated whiteware (n=5), oyster shell (n=1), unidentified large mammal bone (n=1), olive container glass (n=2), colorless glassware (n=1), aqua window glass (n=4), wire nails (n=2), unidentified nails (n=9), nails (not wire) (n=6), unidentified iron objects (n=2), a .22LR rifle cartridge, and two fragments of iron alloy wire.

Feature 4. Feature 4 was a linear configuration of uncut unmortared fieldstones running across the floor of TU 2 (see Figure 5.10). The stone line runs north-south, and was situated within the A horizon. The function and temporal association of this feature is unknown, although surrounding matrix produced a high density of architectural group artifacts (n=373), and it is likely associated with the Lock House at Lock [redacted] in some manner.

Feature 5. Feature 5 was an irregular concentration of darker soil in TU 4. It was determined to be noncultural in origin, and excavation was terminated.

Fieldstone Structure. During the Phase I survey, the fieldstone foundation of a former structure was identified in the far southeastern portion of 18MO751 (Figures 5.16–5.17). The structure is comprised of dry laid, flat stones, some of which are intentionally cut. The northwestern end of the structure is comprised of steeply-sloped hillside, suggesting the structure was cut into the hillside to take advantage of the natural topography. In the middle of the south wall of the structure is an apparent doorway opening approximately five feet wide, facing an ephemeral stream running northeast-southwest along the eastern edge of the project area (Figure 5.18).

Overview and detail photographs of the field stone foundation were taken, and a schematic map was drawn showing wall construction, dimensions, and relative heights of the intact and partially-collapsed walls. Six Phase II STPs were excavated in and around the structure and only recovered two historic artifacts from two STPs. These are a very small brick fragment from an STP immediately south of the structure, and a fragment of undecorated whiteware from an STP uphill and northwest of the structure. Based on the impermanent nature of the building's construction and the extremely low artifact density, it is likely this structure was some sort of agricultural building.

Figure 5.15. View of Feature 3 in Test Unit 1 at Site 18MO751, Facing North. (Figure 5.9 shows the plan view of Feature 3 after removal of the large uncut fieldstones.)

Figure 5.16. View of Foundation Remnants at Site 18MO751, Facing South.

Figure 5.17. View of Foundation Remnants at Site 18MO751, Facing East.

Figure 5.18. Close-up View of Doorway in Foundation Remnants at Site 18MO751, Facing South.

Artifacts

A total of 2,580 artifacts were recovered during the Phase II investigation of 18MO751, consisting of 2,515 historic and 65 prehistoric artifacts.

Prehistoric Artifacts. The prehistoric artifacts are all quartz, are particularly concentrated in the southern portion of the site, and may be associated with occupations identified on 18MO749 to the southwest, although the geomorphology study indicated that the prospects for prehistoric cultural materials no longer exist on this site. A majority of the prehistoric artifacts (86%) were recovered from the A horizon of TU 4 located [redacted] and the southernmost TU on the site; given the geomorphological assessment, it is likely that prehistoric materials are concentrated in this location due to colluvial processes. Most are pieces of debitage, but two PPKs and three bifaces were also recovered. The PPKs include a partial Early Woodland Rossville type and a partial Late Archaic Susquehanna Broadspear type, and the other tools consist of a graver, a late stage biface, and an unidentified biface fragment (Figure 5.19).

Historic Artifacts. A substantial number of the historic artifacts are architectural group items (*n*=1,365), followed by kitchen (*n*=1,000), miscellaneous (*n*=88), tobacco pipe (*n*=25), clothing (*n*=17), activities (*n*=11), furniture (*n*=4), arms and ammunition (*n*=3), and personal (*n*=2) (Figures 5.20–5.30). Within the kitchen group, the predominant ceramic ware type is whiteware (*n*=405), the majority of which (*n*=285) are undecorated. There are at least 22 different decoration types represented in the whiteware assemblage, including various colors of transfer print (*n*=42), handpainted (*n*=23), edge decorated (*n*=17), factory slipped (*n*=7), embossed (*n*=4), sprig painted (*n*=4), sponge decorated (*n*=9), and reticulated wares (*n*=5). Other ware types represented include brown salt glazed stoneware (*n*=14), gray salt glazed stoneware (*n*=11), red bodied stoneware (*n*=3), pearlware (*n*=44), redware (*n*=29), Rockingham ware (*n*=5), porcelain (*n*=4), yellowware (*n*=11), ironstone (*n*=7), unidentified refined earthenware (*n*=5), and red refined earthenware (*n*=1). Pearlware sherds are primarily undecorated (*n*=35), but the decorated types include blue, green, and polychrome handpainted (*n*=5), embossed edge (*n*=2), transfer print (*n*=1), and factory slipped (*n*=1). The assemblage includes some utilitarian wares, but 87 percent of the ceramic sherds that could be categorized by vessel class are some type of tableware. Many of the fragments are small and could not be assigned to a particular vessel type, but a few ceramic bottles, a chamberpot, and a teacup are represented in the assemblage.

Glassware and container glass (*n*=390) artifacts comprised a significant portion of the kitchen group artifacts recovered from 18MO751. The vast majority (85%) of kitchen glass artifacts are pieces of unidentified container glass. Also recovered were two fragments of canning jar lid liners and a rim fragment of a packer tumbler jar. The kitchen glass assemblage also exhibits a wide variety of colors, including aqua (*n*=125), colorless (*n*=135), amber (*n*=47), olive (*n*=23), amethyst (*n*=20), green (*n*=11), olive (*n*=35), light pink (*n*=2), opaque white (*n*=7), and blue (*n*=1).

Architectural group items include nails and nail fragments (*n*=817), pieces of window glass (*n*=401), metal spikes (*n*=26), and bricks and brick fragments (*n*=105), as well as small quantities of mortar (*n*=5), linoleum tile (*n*=7), metal hardware (*n*=3), and drainage pipe (*n*=1). The nail types present within the assemblage are wrought (*n*=8), machine cut (*n*=449), non-wire (*n*=32), wire (*n*=282), and unidentified (*n*=46). One piece of window glass is clear and the remainder are aqua. All of the brick appears to be handmade.

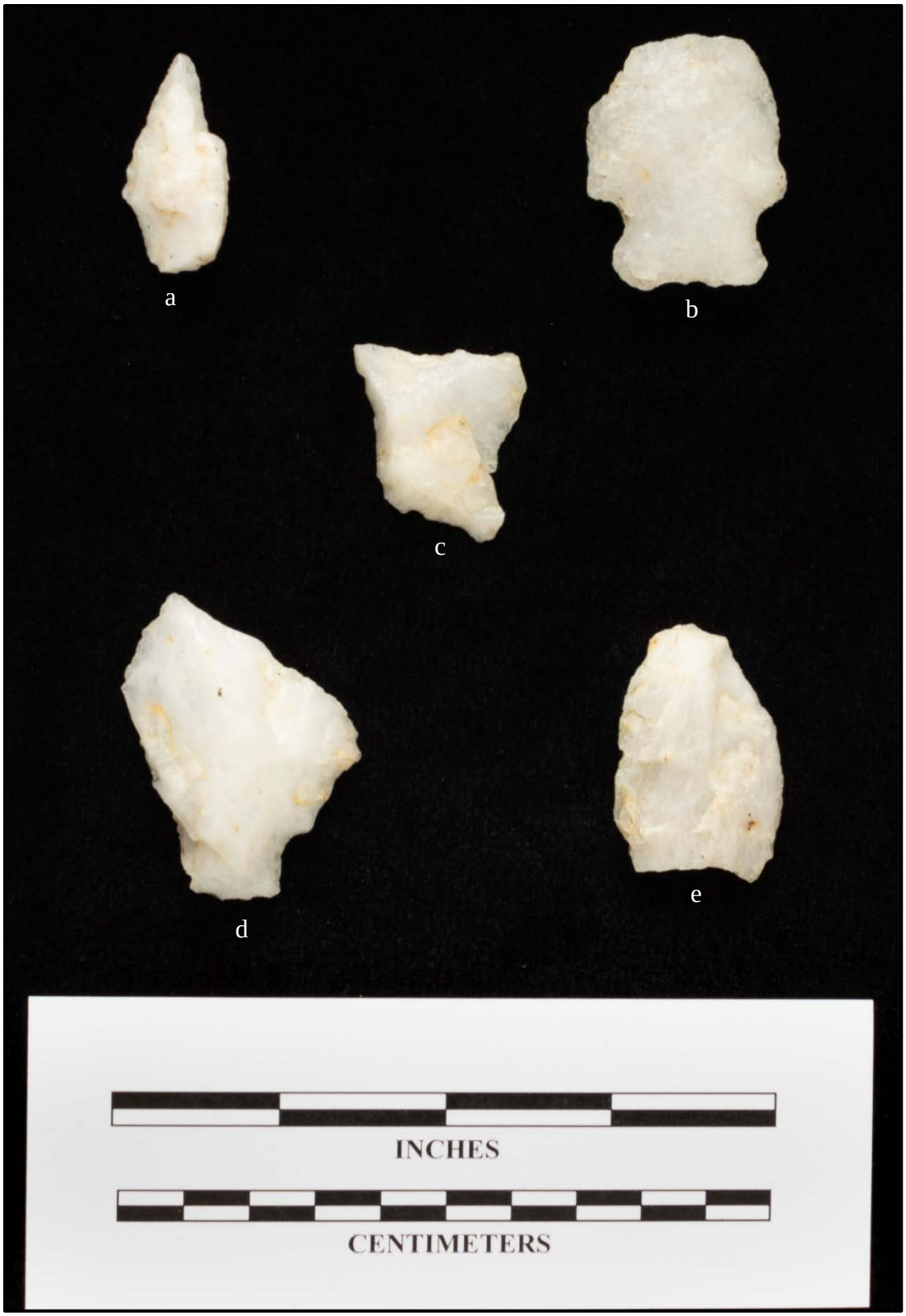

Figure 5.19. Prehistoric Tools from Site 18MO751. a: Rossville PPK; b: Susquehanna Broadspear PPK; c: graver; d: unidentified biface fragment; e: late stage biface

Figure 5.20. Representative Stoneware from Site 18MO751. a, d: red bodied; b, e–f: brown salt glazed; c: gray salt glazed, cobalt blue brushed

Figure 5.21. Representative Ceramic Artifacts from Site 18MO751. a: porcelain figurine, painted doll's head fragment; b: porcelain figurine, doll's arm/shoulder; c: manganese mottled redware; d: polychrome decal decorated embossed edge ironstone; e: undecorated yellowware; f: embossed Rockingham; g: green embossed edge pearlware with stylized foliage; h: handpainted polychrome pearlware; i: undecorated pearlware

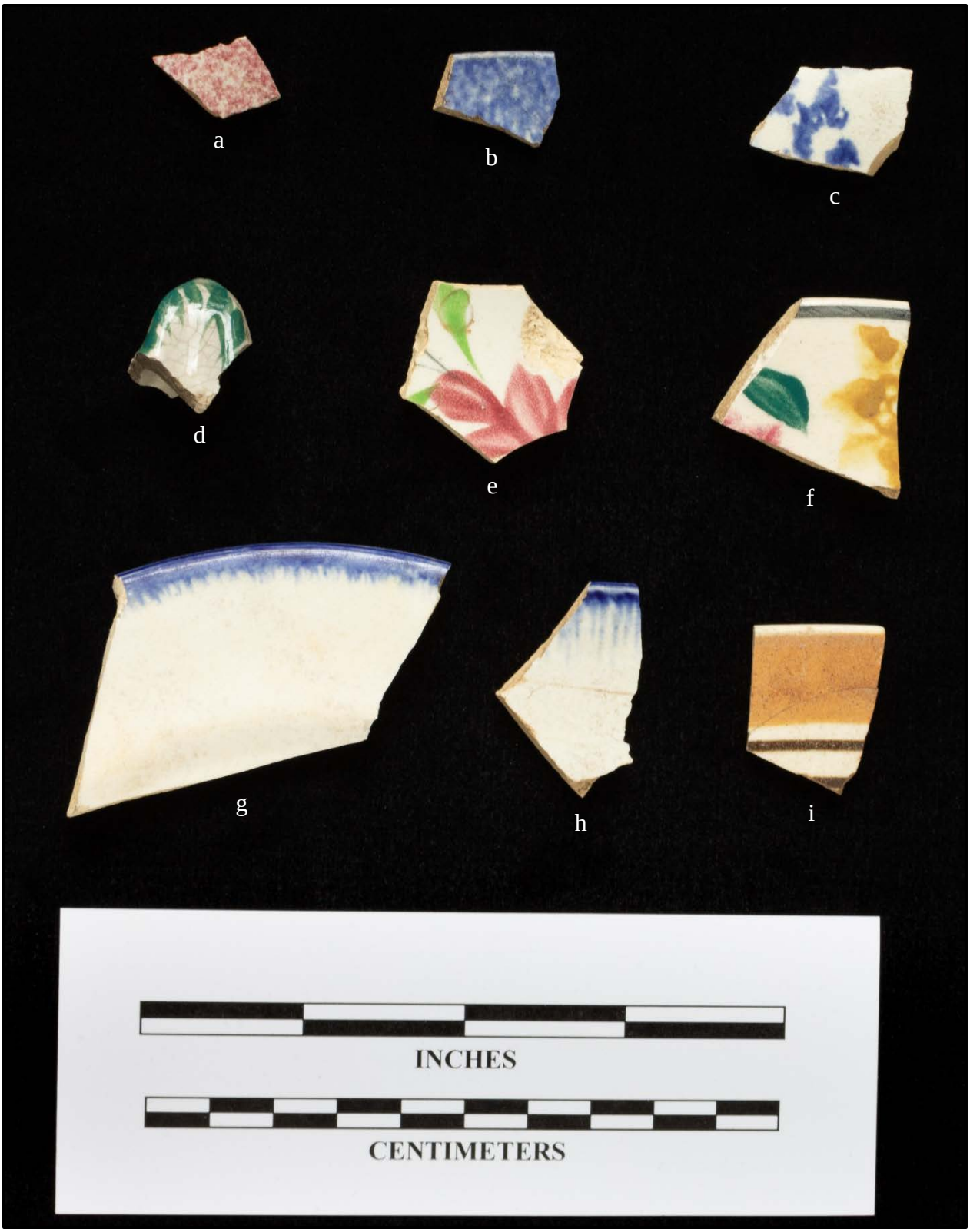

Figure 5.22. Representative Whiteware from Site 18MO751. a: red spongeware; b–c: blue spongeware; d: green handpainted; e–f: handpainted polychrome; g: blue shell edge; h: blue shell edge with unscalloped edges and impressed curved lines; i: factory slipped

Figure 5.23. Representative Whiteware from Site 18MO751. a: red transfer print; b: embossed; c: light blue transfer print; d–f: medium blue transfer print; g: dark blue transfer print; h: black transfer print stamped “P. Regout & Co MADE IN HOLLAND”

Figure 5.24. Representative Clear Glass Artifacts from Site 18MO751. a: machine-made container rim; b: diamonds and starburst container; c: Art Deco machine-made perfume bottle

Figure 5.25. Representative Aqua Glass Artifacts from Site 18MO751. a: improved tooled patent finish bottle, rim; b: embossed bottle, likely flask form; c: embossed base fragment, “RU”; d: unidentified embossed container; e: rectangular/panel bottle; f: base fragment, cup bottom, faceted sides (octagonal?)

Figure 5.26. Representative Glass Artifacts from Site 18MO751. a: pressed glass; b: pressed glass, stemware; c: embossed container, "…ITTSBUR…/PA" (panel bottle?); d: perfume bottle, Art Deco keystone form; e: machine-made bottle, rim

Figure 5.27. Miscellaneous Metal Artifacts from Site 18MO751. a: copper alloy embossed stamped plate; b: copper alloy adjustable pipe clamp; c: spoon; d: wire threaded eye/hook; e: iron alloy handle; f: composite metal unidentified object; g: cast iron, possible stove part

Figure 5.28. Assorted Nails from Site 18MO751. a: wire spike; b, e, g–h, j: cut; c–d, f, i: wire

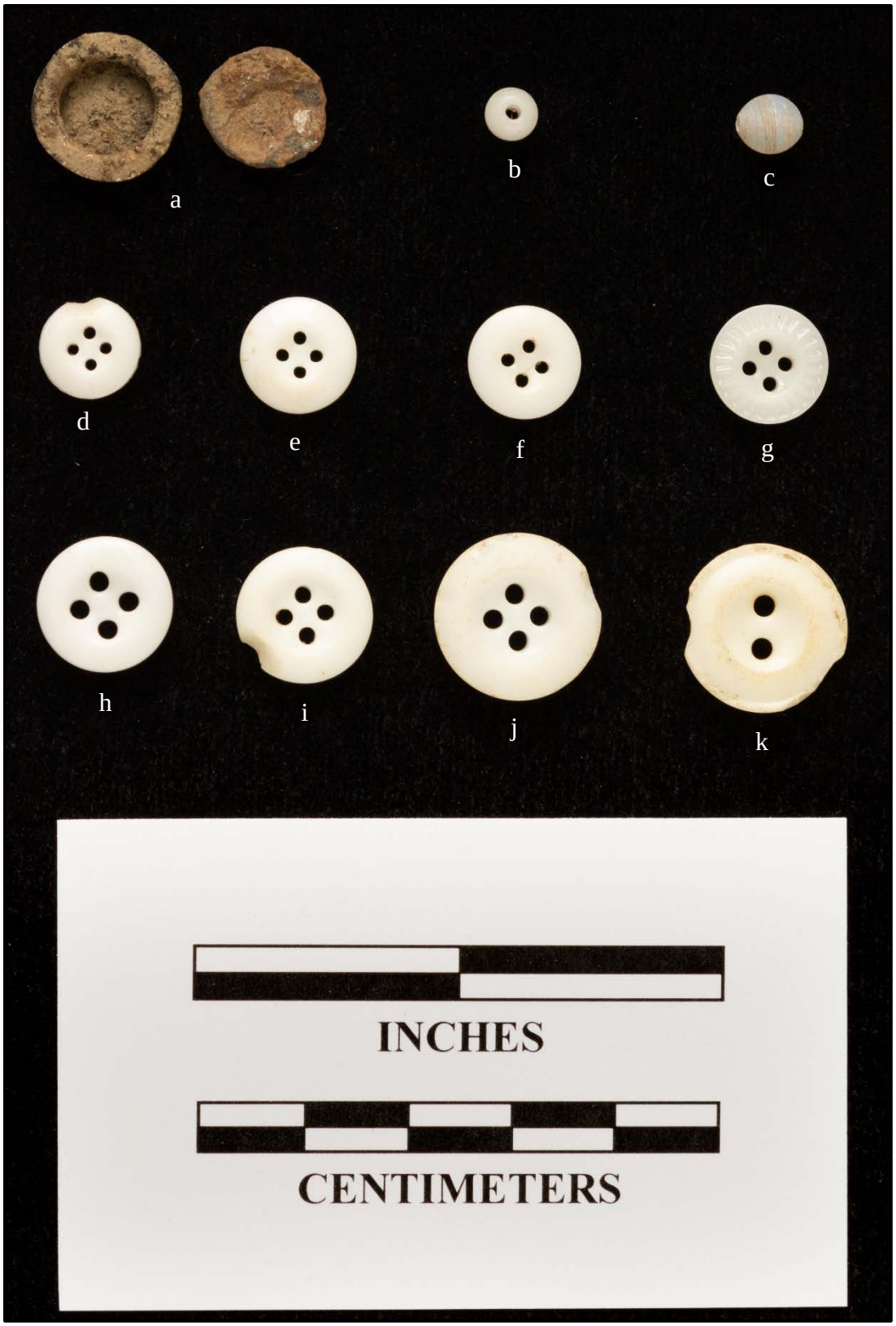

Figure 5.29. Clothing Group Artifacts from Site 18MO751. a: iron alloy two piece stud; b: press molded opaque white glass bead; c: colorless wound glass bead; d–j: Prosser type four hole button; k: Prosser type two hole button

Figure 5.30. Representative Tobacco Pipe Group Artifacts from Site 18MO751.
a: anthropomorphic figural fragment; b: ball clay bowl fragment; c: ball clay fluted bowl fragment; d: ball clay fluted bowl fragment with embossed floral accents

The Phase II tobacco pipe assemblage (*n*=25) consists of 24 ball clay stem and bowl fragments and one anthropomorphic figural pipe bowl fragment made of a dark soft clay (or possibly burned) with a dark reddish brown glaze showing a partial face (see Figure 5.30a). Two of the bowl fragments have rouletting, two are fluted, two are embossed with a floral motif, and three have at least a partial maker's mark. The only maker's mark that could be identified is the mark for Peter Dorni and likely dates from 1850–1880. The Phase II clothing group (*n*=17) contains two glass beads, seven ceramic Prosser type buttons, one glass press molded button, one porcelain button, one mother of pearl button, and two iron alloy studs (see Figure 5.29). One of the glass beads is an oval colorless wound bead, and the other is a round opaque white molded bead. Phase II activities group artifacts (*n*=11) include three chain link fragments, two porcelain doll fragments, one porcelain toy tea set fragment, one copper alloy pencil fragment, one unidentified tool, one copper alloy machine bolt, one unidentified iron alloy object that is probably part of a wrought tool, and one copper alloy pipe clamp. Phase II furniture group artifacts (*n*=4) consist of an iron alloy key with a short cylinder that is probably a clock key and three glass mirror fragments. The Phase II arms and ammunition group (*n*=3) consists of one copper alloy shotgun shell stamped "PETERS TARGET No. 12" (1887–1934) and two copper alloy rifle cartridges. The Phase II personal group (*n*=2) artifacts are two whole perfume bottles—one an Art Deco keystone form with external thread and a tooled finish and one machine made threaded, Art Deco style (see Figure 5.26d). Both are clear glass and date to the early 20th century. Artifacts assigned to the miscellaneous group primarily consist of unidentified metal objects, coal, and coal byproducts, but two are more interesting, although they could not be classified definitively. These include a cast iron object that is likely a stove part and a copper alloy embossed stamped plate that may represent a furniture hardware pull plate (see Figures 5.27a and 5.27g). The plate is oval in overall form, has a coarsely perforated mounting hole, is fluted with a partial bugle or ribbon on the lower center and a Fleur-de-lis or flaming bomb at the top center, and is likely die struck. Another unidentified metal artifact is a composite metal plate with slats with brass or copper rivets (see Figure 5.27f). It appears to be a copper alloy base, but may have a higher zinc or tin content, common in unstandardized alloy mixtures of the 19th century and like white metal types of the period.

Artifact Distribution. In general, most of the Phase II artifacts (including the prehistoric artifacts) were recovered from the A horizon (*n*=2,367), and although some artifacts were found in the underlying strata above the sterile subsoil, these appear to primarily represent fill or demolition/construction debris deposits. Although the foundation identified during the Phase I survey is located in the far southeastern portion of the site, the highest concentrations of artifacts and cultural features were found in STPs and TUs on the [redacted] side of the C&O Canal and towpath, near the location where Lock House [redacted] is depicted in Figure 5.3. Almost no artifacts were found in association with the foundation in the southeastern portion of the site, and it clearly does not represent the location of the Lock House [redacted] residence based on its location well away from where the photographic and map evidence place the house, the lack of associated cultural material, its dimensions, and its banked position relative to the landform. The greatest quantities of artifacts were recovered from TUs 1 and 2, which contained totals of 764 and 662, respectively. TUs 1 and 2 are likely in close proximity to the Lock House [redacted] residence as depicted on historic maps and in the ca. 1936 photograph [redacted] of the canal. This area also contained potential structural features associated with that occupation. TU 1 produced almost equal numbers of cut and wire nails.

TU 3, located [redacted] of the canal and towpath, represents an anomalous discrete area of high artifact density, producing 642 historic artifacts, which is difficult to interpret. STPs in that vicinity did produce more ceramic artifacts than elsewhere in Locus 2, but still at relatively low densities (from 5 to 9 each), and it appears that the TU 3 material was found in an undisturbed A horizon, although it is deeper than the A horizon in other TUs and may represent a redeposit. Alternatively, the thick A horizon may represent a trash dump, although only one of these artifacts is burned and none of the glass is melted. Roughly 20 percent of the TU 3 artifacts are glass container fragments, but almost three quarters of the TU 3 assemblage consists of historic ceramic artifacts and includes most of the types represented on the site. It is possible that an outbuilding associated with the lock house was located in the area [redacted] and

materials from there have been relocated to the TU 3 area, although it seems unlikely that such a scenario would result in such a localized deposit. It is also possible that this represents a trash disposal location for the Lock House [redacted] occupation, although no obvious indications of such an activity were found in the A horizon in TU 3 or on the surface of the surrounding area. No evidence of structural remains was observed in this area. Possibly the concentration represents a combination of trash disposal and slopewash accumulating in this part of the site.

Most of the Phase II artifacts that are temporally diagnostic date from the early through late 19th century. Only two of the ball clay pipe fragments can be confidently assigned to a temporal period, and both of them date to sometime between the mid- to late 19th century. There is some potential for the stoneware found on the site to date far earlier than the construction of the C&O Canal, although most of them are likely of mid- to late 19th century manufacture (Greer 1981; Ketchum 1991). The pearlware represented in the assemblage primarily dates from the late 18th to the early 19th centuries and is likely associated with the earliest occupation on the site (Carpentier and Rickard 2001; Miller 1987; Miller and Hunter 1990; Rickard 2006). The decorative varieties of whiteware predominantly date from the early through late 19th century, including unscalloped blue shell edge (1800–1830); dark blue transfer print (1820–1846); medium blue transfer print (1820–1859); black transfer print (1820–1864); light blue transfer print (1820–1867); factory slipped (1820–1900); scalloped blue shell edge (1820s to 1840s); blue shell edge with impressed lines and red and blue spongeware (1820s to 1860s); mulberry transfer print (1829–1867); red transfer print (1829–1880); handpainted polychrome (1820–1900+); and sprig painted (1835–1870s) (Laidacker 1954; Miller and Hunter 1990; Rickard 2006; Robacker and Robacker 1978; Samford 1997; South 1977). The Rockingham and yellowware have a fairly long manufacture range (1830–1930), and the 10 Prosser type buttons in the assemblage typically have a similar date range (1840–1920), although could potentially date much later (Sprague 2002). The few ironstone sherds could date to the mid-19th century, but the manufacture dates for this type extend well into the 20th century and these are likely some of the latest ceramic artifacts to enter the archaeological record on the site (Noël Hume 1991). The container glass that can be confidently assigned to a particular time period also represents some of the latest material deposited on the site, with the amethyst tinted glass and a few items with maker's marks or other temporally diagnostic features primarily dating from the 1870s through the 1920s. The pieces of linoleum/vinyl flooring also date to this time frame. Only eight wrought nails were found during the Phase II investigation, and were likely for some specialized use and not indicative on a pre-1820 structure on the site. The relatively substantial number of cut nails (*n*=449) in the Phase II assemblage date from ca. 1820 to ca. 1900, and are likely associated with the earliest construction phase, and the not inconsiderable number of wire nails (*n*=282) are likely associated with remodeling and updating of the residential structure at the end of the 19th or beginning of the 20th century (Nelson 1968:4). Altogether, the assemblage fits well with the expected date range for a canal-associated occupation.

Summary and Recommendations

The C&O Canal Lock [redacted] archaeological site designated 18MO751 was defined by Phase I results as a scatter of mainly 19th century domestic material located on the [redacted] sides of the C&O Canal and towpath in the immediate vicinity of Lock [redacted]. Also identified during that survey was a dry-laid stone foundation in the southeastern portion of the site. Phase II investigations consisted of the excavation of 52 STPs and five 5 × 5 ft TUs to further delineate site boundaries and investigate intra-site activity areas. Phase II fieldwork recovered 2,515 historic artifacts associated with the early 19th through early 20th century Lock [redacted] residential occupation as well as a modest prehistoric assemblage associated with at least Late Archaic and Early Woodland period use of this area, although most of the prehistoric artifacts may have been redeposited from elsewhere. The stone foundation was further documented and investigated, and although its function and temporal association are still unclear, it does appear to represent an outbuilding of some type rather than a residential building. Two subsurface features were identified, consisting of potential structural elements associated with the House at Lock [redacted]. Artifacts recovered in the vicinity of these

features are overwhelmingly architectural in nature (75%), but also include kitchen, clothing, arms and ammunition, tobacco pipe, personal, and activities group items. The test unit excavation and Phase II shovel testing did not identify conclusive evidence of the locations of any additional historic structures, although several subsurface features on the [redacted] side of the C&O Canal towpath strongly suggest nearby structures associated with the operation of Lock [redacted]. High concentrations of domestic artifacts recovered from TU 3 suggest the possibility of a nearby domestic structure located on the [redacted] side of the C&O Canal towpath also, although no structural remnants were identified in this area.

Although the canal was not completed until 1850, boats would have begun traveling in the vicinity of Lock [redacted] as soon as this section was completed in 1831. Lock House [redacted], meant to house the keeper of Locks [redacted], was constructed from June 1829 through May 1830, and the first keeper of that set of locks was nominated in August 1830, so residential occupation of site 18MO751 likely began in late summer/early fall 1830. The canal saw its peak usage during the early 1870s, although increasing competition from the B&O Railroad and a series of catastrophic floods brought the C&O Canal into serious decline by the end of the 1880s. The canal operated in some capacity through two other major floods (1924 and 1936) until 1938, when the B&O Railroad sold the entire canal to the Federal Government. The house at Lock [redacted] was in poor condition at that time, and appears to have been abandoned for some time (see Figure 5.3). Based on topographic maps, the house was removed sometime between 1951 and 1961. The lockkeepers would typically have resided in the house with their families (Unrau 1976:794).

The predominance of refined earthenwares coupled with the diversity of ceramic decorations dating from the peak period of the canal use (ca. 1830–1870) suggest that the early operator(s) of C&O Canal Lock [redacted] had ready access to the newest iterations of ceramic vessels, were concerned with the visual presentation of food stuffs, and/or strived to purchase and use the most fashionable dishes, although certainly at least some of the diversity could be due to the turnover in operators. Operators in residence during the later period appear to have made use of far less decorative wares and may not have been as concerned with the social niceties or keeping up appearances. The annual wage for the operators of Locks [redacted] remained steady during most of the early period, only increasing substantially sometime in the 1860s, so it is unlikely that cost was the significant factor in this apparent change in consumer behavior. It is possible that some of the later operators were either bachelors or not accompanied by their families.

Phase II investigations indicate that site 18MO751 contains archaeological deposits and features that would contribute new or significant information regarding historic occupations in the area, specifically the use life of the C&O Canal and the domestic lives and consumer habits of the lock keepers who resided at Lock [redacted]. The C&O Canal Lock [redacted] archaeological site is recommended eligible for the NRHP under Criteria A, C, and D. Under Criterion A, the site is associated with early construction of the C&O Canal, an important event in American transportation and engineering history. Under Criterion C, the site's fieldstone foundation and structural elements associated with the lock house may embody the characteristics of early nineteenth century construction along the C&O Canal. Under Criterion D, site 18MO751 has the potential to yield important information regarding the multiple functions of the Canal and associated lock houses, its outlying areas and supporting structures, and aspects of 19th century waterway travel and the lives of those who supported it.

Significant archaeological resources exist in the area [redacted] of the canal and towpath adjacent to Lock [redacted], in the southeastern portion of the site [redacted] of the canal and towpath, and potentially in the area of TU 3. If the site can be avoided by proposed project impacts, then no further archaeological work is recommended on this site for this project.

6. RESULTS OF SUPPLEMENTAL PHASE I SURVEY IN AREA S-12/13

SUPPLEMENTAL SURVEY AREA

This chapter presents the results of supplemental Phase I archaeological survey necessitated by minor expansions of the I-495/I-270 MLS LOD [redacted]. To facilitate the discussion, the results are presented in quadrants [redacted]. A brief summary of the previous investigations and the resources recorded within each quadrant is presented first, followed by details regarding the supplemental survey methods and results and the newly identified or revisited cultural resources for that quadrant. Several previous Phase I surveys have been conducted within this portion of the MLS study area, including recent work for the MLS project (designated S-12/13 by Arnold et al. 2019, see Volume 4 of the MLS Cultural Resources Technical Reports), and a number of archaeological resources have previously been identified (Figure 6.1). The goal of the supplemental survey was to survey areas not previously investigated for archaeological sites.

NORTHWEST QUADRANT ([redacted])

The supplemental survey area [redacted] is an irregular shaped area measuring between 235 and 575 feet wide and from 1,025 to 1,260 feet long that encompasses [redacted] (Figure 6.2). This area contains open grassy areas and lightly to moderately densely wooded areas with moderately dense groundcover in the densely wooded areas (Figures 6.3–6.6). [redacted] runs along the western edge of this area. Except for the swales and embankments along the roadways associated with contouring the area during construction of the various ramps, the area is relatively level, although somewhat bowl shaped within each of the interchange loops. Although some of the soil types mapped in this area by the USDA NRCS (2019) are characterized as well or moderately well drained (Elk silt loam [occasionally flooded], Chrome and Conowingo soils), others are characterized as poorly drained (Travilah silt loam, Watchung silty clay loam), and the quadrant contains large low wet areas, some with standing water. Previously recorded site 18MO22 is located in this quadrant and as currently mapped extends across the eastern third of this supplemental survey area (Figure 6.2). Sixteen STPs were excavated along five transects during the supplemental survey in this area, and four STPs within the western portion of 18MO22 produced artifacts. No STPs were excavated on or adjacent to the roads, the road embankments, the low wet areas/areas of standing water, on steep slopes, or in areas covered by previous survey. STPs located outside of site 18MO22 in general contained hydric soils and evidence of disturbance (dense road gravel, modern trash, highly mottled soils, extremely compact soils), and a few of the STPs encountered the water table above 3 ftbs.

18MO22

Site 18MO22, called the Potter site after the former landowner Lloyd Potter, was identified in 1961 prior to construction of [redacted] (MHT site form). The site was recorded as a scatter of prehistoric lithic and 19th century artifacts located [redacted] (Figures 6.1 and 6.2). Historic period artifacts were considered to be associated with the canal lock houses formerly located in this general area. The prehistoric assemblage reportedly contained projectile points, blades, and axes, and the site was thought to be the location of a Native American village. Previous survey conducted for this project involved the excavation of 31 STPs, nine of which produced cultural material (Arnold et al. 2019, see Volume 4). Artifacts from that survey include non-diagnostic quartz reduction debris, brick, bone, and glass fragments, and whiteware and creamware sherds. Artifact density was low overall and not indicative of substantial or intact cultural deposits in this area. The boundary of the site was expanded slightly to the east based on the results of that work. Site 18MO22 is located within an area that has been substantially altered for

construction [redacted] (Figures 6.7 and 6.8).

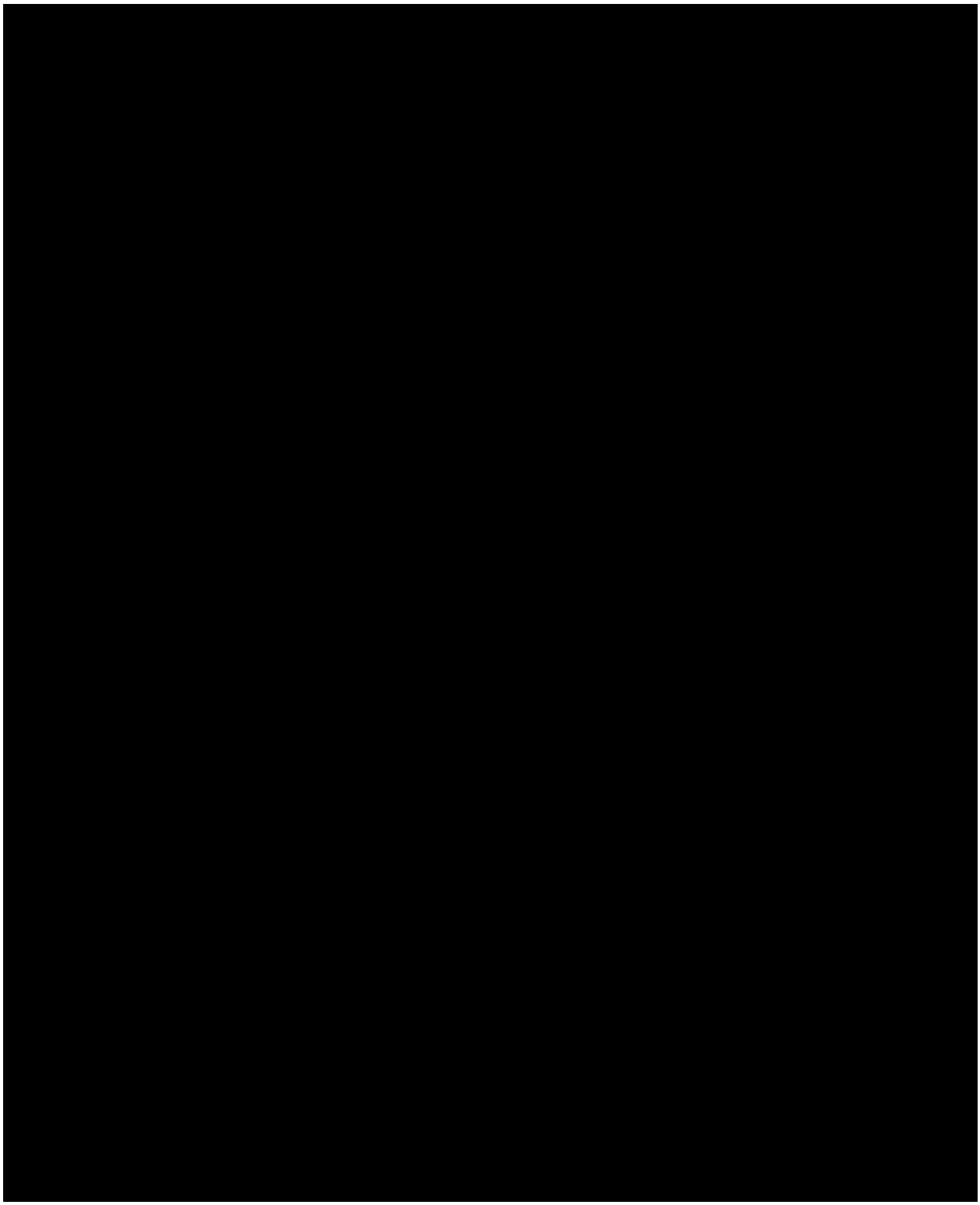

Figure 6.1. Map Showing Initial Phase I Survey Results from Arnold et al. 2019 (see Volume 4). Subsequent Phase II evaluation of 18MO749 and 18MO751, reported herein (see Figures 4.6 and 5.7) expanded the boundaries of those two sites.

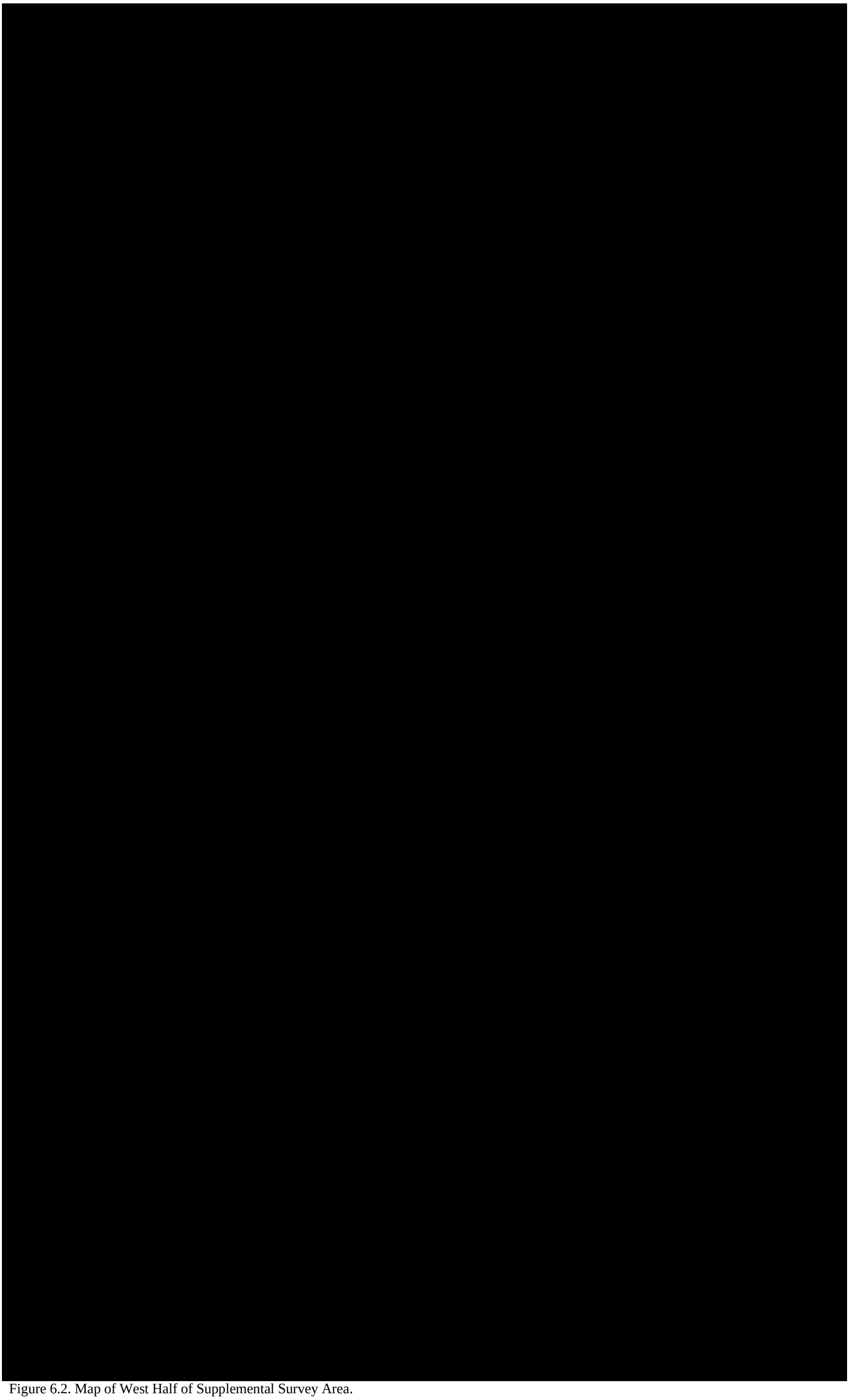

Figure 6.2. Map of West Half of Supplemental Survey Area.

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Figure 6.3. View of Low Wet Area in Southern Part of Northwest Quadrant, Facing North.

Figure 6.4. View of Grassy Swale in Southwestern Portion of Northwest Quadrant, Facing West.

Figure 6.5. View of Rock Run in Northern Portion of Northwest Quadrant, Facing Northeast.

Figure 6.6. View of Low Wet Area in Northern Portion of Northwest Quadrant, Facing East.

Figure 6.7. View of Eastern Portion of Investigated Part of 18MO22, Facing West.

Figure 6.8. View of Western Portion of Investigated Part of 18MO22, Facing North.

During the supplemental survey, prehistoric and historic period artifacts were recovered from two of the transect STPs and two of the closer interval STPs excavated within the boundary of the previously recorded site (Figure 6.9). No artifacts were found outside the current boundary of the site during this survey. Most of the STPs in this area contained an A horizon (0–0.5 ftbs) of brown (10YR 4/3) silt loam over a B horizon (0.5–1.5 ftbs) of strong brown (7.5YR 4/6) silty clay loam. An E horizon of very pale brown (10YR 7/4) silt loam was encountered between the A and B horizons in a few of the STPs. According to the USDA NRCS (2019), the area is underlain by Travilah silt loam (3–8% slopes), which typically displays an Ap/E/Bt1/Bt2/BC/R sequence that varies only somewhat in color from that observed in the STPs. In total, 13 STPs were excavated within 18MO22 during the supplemental survey, and a total of 16 prehistoric and seven historic artifacts were recovered. Historic and prehistoric period artifacts were found in the A horizon, while only prehistoric period artifacts were found in the E horizon; two prehistoric artifacts were also found in a fill layer (Table 6.1).

The prehistoric assemblage consists of two cores and 14 pieces of unmodified debitage; all of the lithic artifacts are quartz (Figure 6.10). Prehistoric artifacts were found in all four of the STPs that produced artifacts during the supplemental survey in this area. The historic period assemblage consists of one machine made railroad spike, one piece of wire, four container glass fragments, and one undecorated whiteware sherd. All of the historic period artifacts were found in a single STP (N450 E500) in the southeastern corner of the supplemental survey area (see Figure 6.2). Neither the prehistoric nor the historic period artifacts are diagnostic of a specific time period.

Although prehistoric artifacts have consistently been found in the E horizon and may be in an unmixed context in this area (with the exception of those found in fill), both the prehistoric and historic components on the site are characterized by an extremely low density and in general the entire area has been compromised by the 19th through 20th century transportation related modifications. The supplemental Phase I survey indicates that site 18MO22 does not contain substantial artifact deposits or cultural features that could provide additional data regarding the prehistoric or historic period occupation of this area, confirming the results of prior investigations in the areas (Arnold et al. 2019, Sections 4.7 and 4.9.1). The results of the supplemental survey confirm the prior conclusions; based on work to date, site 18MO22 is recommended not eligible for the NRHP, and no further archaeological investigation is recommended for this project.

Table 6.1. Artifacts from 18MO22 by Horizon.

	Horizon			
Artifact Type	**A**	**E**	**Fill**	**Total**
Prehistoric				
Core	1			**1**
Core, Exhausted		1		**1**
Flake, Complete		1		**1**
Flake, Fragment	2	8	2	**12**
Shatter	1			**1**
Historic				
Container Glass, Embossed Bottle	1			**1**
Container Glass, Unid.	3			**3**
Railroad Spike, Machine Made	1			**1**
Whiteware, Undecorated	1			**1**
Wire	1			**1**
Total	**11**	**10**	**2**	**23**

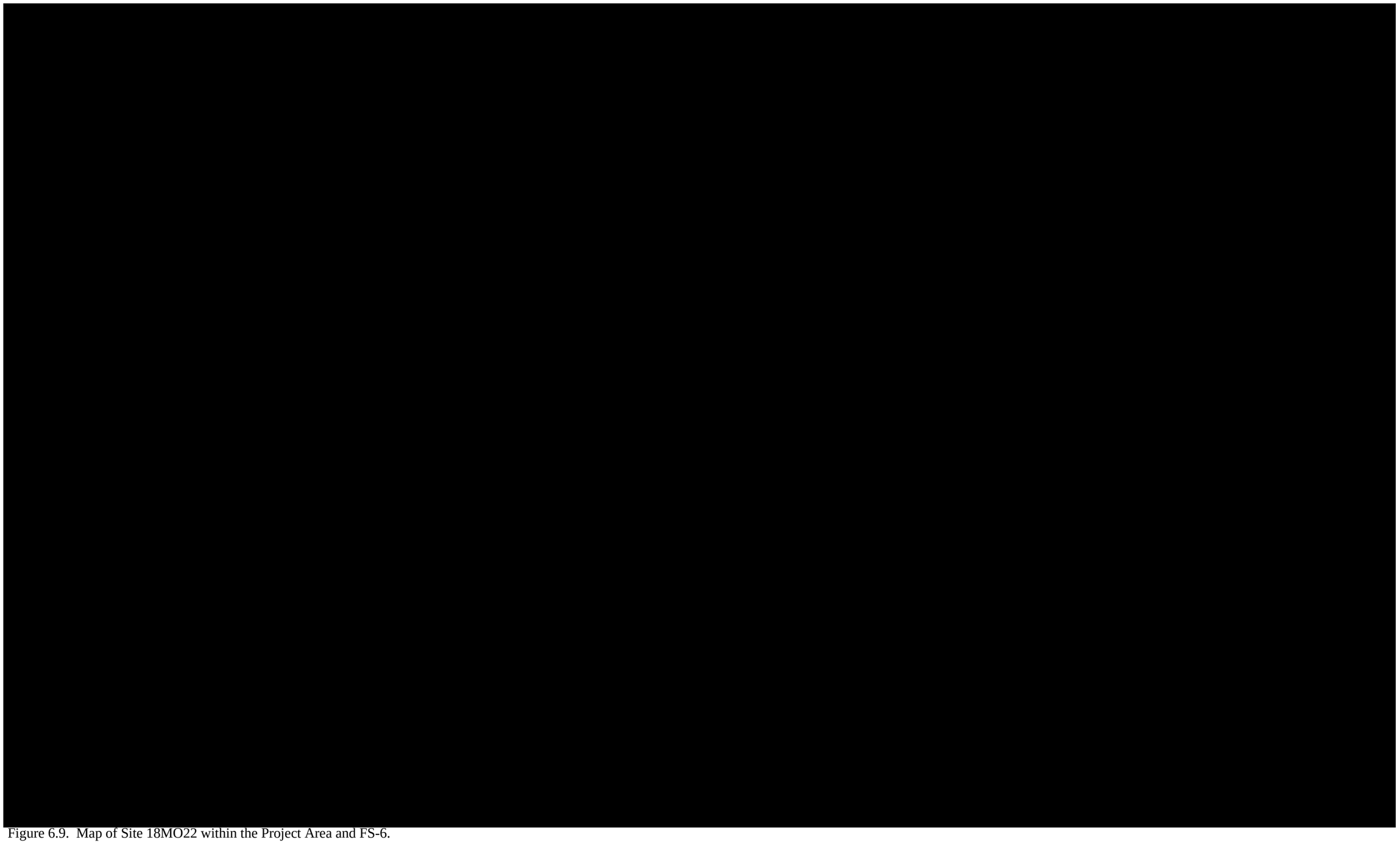

Figure 6.9. Map of Site 18MO22 within the Project Area and FS-6.

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Figure 6.10. Quartz Cores from 18MO22.

SOUTHWEST QUADRANT ([redacted])

The supplemental survey area [redacted] is a J-shaped area, with the long portion running about 940 feet along the [redacted] of the C&O Canal towpath, varying in width from 90 to 230 feet, and the "hook" part at the [redacted] (see Figure 6.2). This area is moderately to densely wooded with a moderately dense groundcover. [redacted] flows north-south through the western portion of this area and then turns west as it exits the supplemental survey area. Previously recorded site 18MO750 is located to the [redacted], although the several STPs excavated [redacted] of 18MO750 (Area S-12/13 Transects 1 and 2) during the initial survey did not produce any cultural material (see Figure 6.1) (Arnold et al. 2019:Figure 28). STPs were excavated along four transects during the supplemental survey in this area, and artifacts were recovered from several areas along the terrace [redacted] of the towpath extending west to the limits of the survey area. These are attributed to 18MO750, and the boundary of that site has been extended to the west to incorporate those finds. No STPs were excavated on or adjacent to existing historic features associated with the C&O Canal, [redacted], the obviously disturbed areas associated with these features, or areas covered by previous survey.

18MO750

Site 18MO750, or the C&O Canal Site 2, was identified during the initial survey for this project (Arnold et al. 2019:Section 4.8.3). The site was recorded as a prehistoric lithic scatter and 19th to 20th century domestic scatter based on artifacts recovered from seven STPs located [redacted] (see Figure 6.1). Historic period artifacts were found in the eastern portion of the site on [redacted] of the towpath, and prehistoric artifacts were found only in the western part of the site [redacted] of the towpath. The historic period artifacts were considered to be associated with the use of the canal locks in this area (Locks [redacted]), but not with a domestic occupation at this location, and the prehistoric artifacts were considered to be associated with the general lithic reduction activity observed in this area but not indicative of a substantial occupation at this location.

During the supplemental survey, prehistoric and historic period artifacts were recovered from 48 STPs excavated along the terrace containing site 18MO750 to the west of the previously recorded site boundary (Figure 6.11). Artifacts were found in four primary clusters along this terrace and although there are gaps between artifact recovery areas, the assemblages from each are comparable and they were all found on the same landform, so the boundary of site 18MO750 was extended to the west to incorporate all of them. These apparent localized artifact producing areas may represent distinct cultural activity areas, possibly related to different occupation episodes, or their distribution could be related to historic disturbances in the area, but ultimately they were considered to be associated with the same prehistoric and historic activities evidenced across this landform.

Figure 6.11. Plan Map of 18MO750.

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Site 18MO750 is located on a high terrace above the [redacted] floodplain within a moderately dense hardwood forest with a moderately dense ground cover of scrub brush and new growth (Figures 6.12–6.13). The western portion of the site is underlain by the Rock outcrop-Blocktown complex soil series, which is a well-drained channery silt loam, typically with an A/Bt/Cr/R sequence. The eastern portion is underlain by Elk silt loam (0–3% slopes, occasionally flooded), which is a very deep, well drained, moderately permeable soil formed in mixed alluvium from limestone, siltstone, shale, sandstone, and loess with an A/BA/Bt1/Bt2/C sequence (USDA NRCS 2019). Most of the STPs in this area contained an A horizon (0–0.5 ftbs) of brown (10YR 4/3) or dark brown (10YR 3/3) silt loam over a B horizon (0.5–1.5 ftbs) of strong brown (7.5YR 4/6) silty clay loam or reddish brown (5YR 5/4) silty clay, often underlain by bedrock. An E horizon of very pale brown (10YR 7/4) silt loam was encountered between the A and B horizons in some of the STPs, although these STPs were scattered across the width and length of the site, with no apparent concentration areas or patterning. A few STPs contained a disturbed layer of mixed soils above the E or B horizon, two of these located just north of the culvert for Rock Run (1.5 and 1.6) between two artifact concentration areas in the western portion of the site.

In total, 98 STPs were excavated across the expanded portion of 18MO750 during the supplemental survey, and a total of 105 prehistoric, 122 historic, and 59 faunal artifacts were recovered. Faunal material was found only in the A and B horizons, while prehistoric and historic artifacts were found in the A, E, and B horizons and on the surface (Table 6.2). The A horizon produced the majority of artifacts associated with each category (73% of the assemblage), and only four of the nine STPs containing an E horizon produced artifacts from that horizon. There was no clear evidence of disturbance in most of the STPs, although the recovery of prehistoric and historic period artifacts from the apparent B horizon suggests that some if not all of these strata are not intact. The terrace landform is likely to have been extensively modified during construction of the C&O Canal and towpath.

The prehistoric assemblage consists of one mid-stage biface, two cores, and 102 pieces of unmodified debitage; two of the lithic artifacts are quartzite and the remainder are quartz (Figure 6.14). Almost all of the debitage is non-cortical and small and likely represents tool maintenance or final tool production activities. Prehistoric artifacts were found across the full extent of the site from east to west and north to south, although in low numbers in general, with most STPs containing from one to two artifacts each. The two STPs that produced the highest number of prehistoric artifacts N535 E550 (n=18) and N550 E550 (n=11) are close to each other in the west-central portion of the investigated area, just east of the drainage.

The historic period assemblage consists of 31 ceramic sherds, 10 nails, 44 fragments of container glass, 19 pieces of window glass, five unidentified metal objects, two brick fragments, one piece of coal, and 10 plastic forks. Six of the nails are machine cut, two are wire, and the remainder are unidentified. The ceramic artifacts consist of one undecorated pearlware, one undecorated porcelain, one Rockingham ware, one brown stoneware, 16 undecorated whiteware, three embossed whiteware, one blue transfer printed whiteware, and seven sherds with a very soft paste, but no glaze that may be tin-glazed earthenware (Figure 6.15). Most of the container glass is not diagnostic of a particular form, but about a quarter is from a variety of bottle types—two from panel bottles, two from a Milk of Magnesia bottle, one that is probably from a flask, one with an embossed anchor made by the New London Glass Works sometime in the mid-19th century, and one from a carboy or demijohn (Figures 6.16 and 6.17). The unidentified iron objects are all corroded pieces of sheet metal. The plastic forks are in a variety of pastel colors and date from the 1950s to 1960s. A few of the artifacts have the potential to date as early as the late 18th century and a few others could date to the early 19th century, but most are probably associated with mid-19th to mid-20th century use of this area. Historic period artifacts were primarily found in the northeastern portion of the site, along the towpath. Just over a third of the STPs containing historic period artifacts yielded five or less items, and the remaining two-thirds produced from six to 19 artifacts each. The two STPs yielding the highest number of historic period artifacts (n=19 each) are N485 E950 and N500 E950, both located in the eastern part of the investigated area.

Figure 6.12. View of 18MO750, Facing West.

Figure 6.13. View of 18MO750, Facing Northwest.

Table 6.2. Artifacts from 18MO750 by Horizon.

	Horizon				
Artifact Type	**A**	**E**	**B**	**Surf**	**Total**
Prehistoric					
Biface, Mid Stage				1	**1**
Core, Exhausted	2				**2**
Flake, Complete	9	3			**12**
Flake, Fragment	51	32	2		**85**
Shatter	5				**5**
Prehistoric Subtotal	*67*	*35*	*2*	*1*	***105***
Historic					
Anthracite Coal	1				**1**
Brick	2				**2**
Container Glass, Bottle	1			2	**3**
Container Glass, Demijohn/Carboy				1	**1**
Container Glass, Embossed Bottle	3			2	**5**
Container Glass, Panel Bottle			2		**2**
Container Glass, Unid.	22	4	7		**33**
Nail, Cut	1	4	1		**6**
Nail, Not Wire	1				**1**
Nail, Unid.	1				**1**
Nail, Wire	2				**2**
Object Unid.		1	4		**5**
Pearlware, Undecorated	1				**1**
Porcelaneous			1		**1**
Rockingham Type			1		**1**
Stoneware, Brown Washed	1				**1**
Tin Glazed Earthenware, Missing Glaze	7				**7**
Utensils, Forks	10				**10**
Whiteware, Embossed	3				**3**
Whiteware, Medium Blue Transfer Printed			1		**1**
Whiteware, Undecorated	16				**16**
Window Glass	19				**19**
Historic Subtotal	*91*	*9*	*17*	*5*	***122***
Faunal					
Clam Shell	1				**1**
Cortical Bone	7		6		**13**
Oyster Shell	44		1		**45**
Faunal Subtotal	*52*		*7*		***59***
Total	**210**	**44**	**26**	**6**	**286**

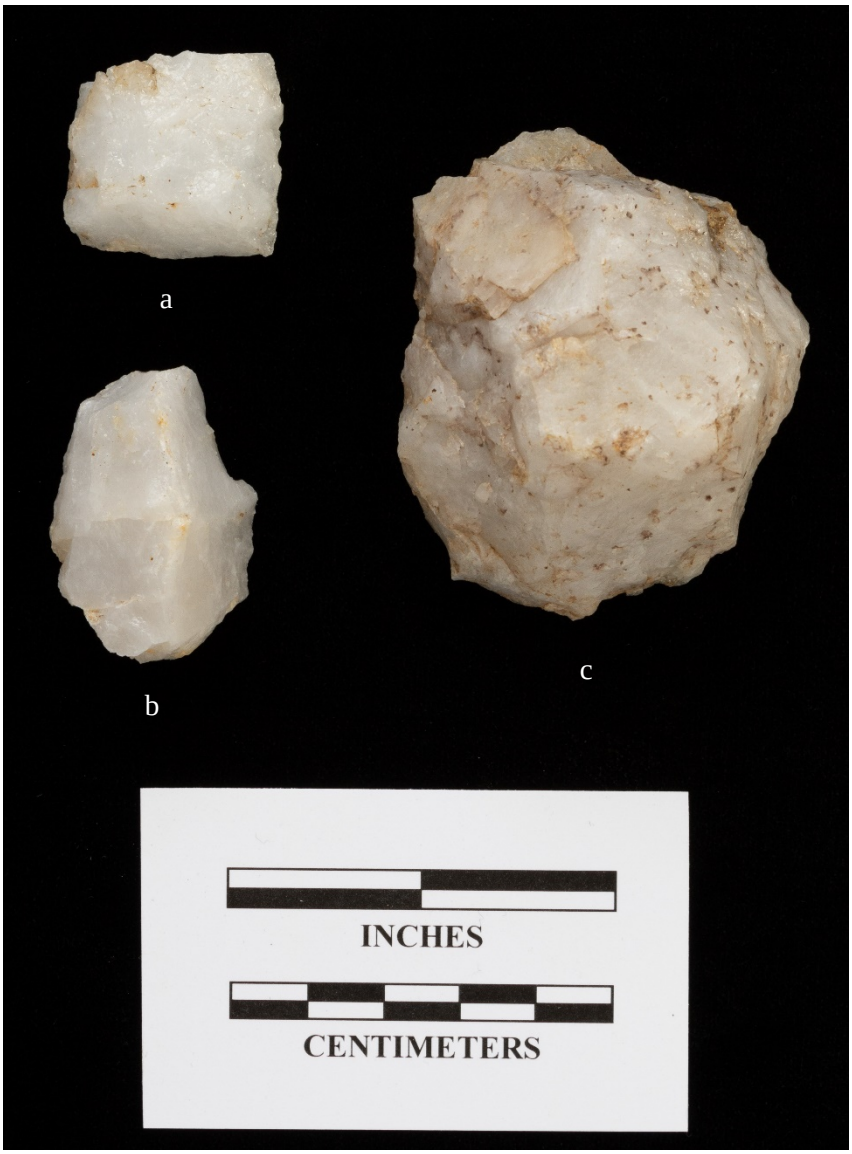

Figure 6.14. Representative Lithic Artifacts from 18MO750. a) quartz mid-stage biface fragment; b, c) quartz core

Figure 6.15. Representative Historic Ceramic Artifacts from 18MO750. a) brown stoneware; b) possible tin-glazed earthenware; c) whiteware rim; d) embossed whiteware rim

Figure 6.16. Glass Bottle Neck and Rim from 18MO750.

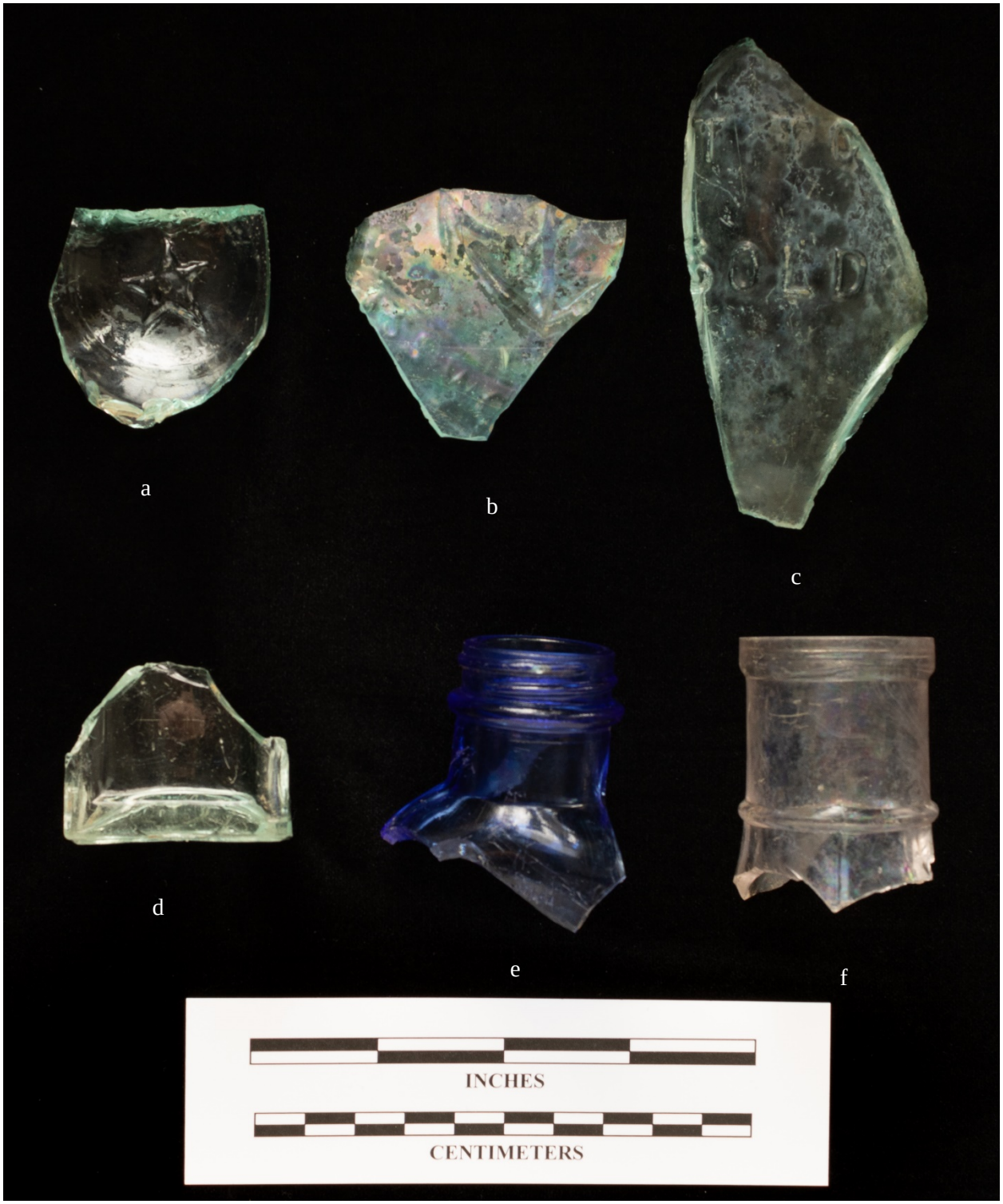

Figure 6.17. Representative Glass Artifacts from 18MO750. a) aqua embossed bottle base; b) New London Glassworks bottle fragment; c) aqua embossed container fragment; d) aqua panel bottle base; e) Milk of Magnesia bottle neck and rim; f) amethyst tint bottle neck and rim

Faunal material, consisting of one clam shell fragment, 45 oyster shell fragments, and 13 unidentified animal bone fragments, was found in four of the STPs. This material was found in association with historic period artifacts exclusively in three of those STPs and with prehistoric and historic period artifacts in the fourth. Four of the bone fragments display saw marks, and this part of the assemblage is assumed to be associated with the historic period use of the area. STPs containing faunal material were all located in the west-central portion of the site extension, all but six from two STPs just south of the towpath.

A low pile of stone debris was identified in the southwestern portion of the site (near the two STPs that had produced the highest numbers of prehistoric and historic artifacts) (Figure 6.18). This was designated Feature 1 but consists of disarticulated debris that does not appear to be associated with a former structure in this area. A segment of a stone retaining wall was identified in the northwestern portion of the site adjacent to the [redacted] of the towpath. The remnant, designated Feature 2, is constructed of dry laid uncut or rough-cut tabular fieldstones and is about 300 feet long and about one foot wide (Figure 6.19).

Due to the low density of cultural material in general and the fact that the historic component did not appear to be associated with a domestic occupation at this location, site 18MO750 was recommended not eligible for the NRHP based on the initial survey results (Arnold et al. 2019:Section 4.8.3). Supplemental survey recovered a larger assemblage associated with both the prehistoric and historic components and documented a stacked stone wall remnant and a stone debris pile, but it is clear that neither the historic period nor pre-contact artifacts are associated with any intact context. Site 18MO750 lacks the integrity and clarity of deposits that would enable it to provide meaningful and interpretable data regarding the prehistoric or historic period occupation of this area. The results of the supplemental survey confirm the prior conclusions; based on work to date, site 18MO750 is recommended not eligible for the NRHP, and no further archaeological investigation is recommended for this project.

Figure 6.18. View of Stone Debris Pile at 18MO750, Facing South.

Figure 6.19. View of Stone Retaining Wall at 18MO750, Facing North.

NORTHEAST QUADRANT ([redacted])

The supplemental survey area [redacted] (Figure 6.20). The area extends approximately 721 ft along the [redacted] and varies from 5 to 60 ft in width. This area is moderately to densely wooded with a moderately dense groundcover (Figure 6.21). The MHT shows a triangular shaped quad file resource (FALLSC QF03) just to the [redacted] of this area (in the same area where Arnold et al. [2019:Figure 45] recorded an extension of the boundary of site 18MO22). The quad file note indicates that this is the location of a former village that was transcribed from the [redacted] USGS topographic quad in the Smithsonian National Anthropology Archives (Acc. #4001). Nothing is shown in this location on the original [redacted] topographic map, and although the source of this information is not specified, many of the Smithsonian sites recorded on the Maryland quad files were identified by Richard E. Stearns. Stearns collected information on archaeological sites in Maryland and the Middle Atlantic during the second and third quarters of the 20th century. He was a commercial photographer and amateur archaeologist in Maryland, and as curator for the Department of Archeology of the Natural History Society of Maryland he conducted extensive surveys and excavations throughout the tidewater and along major rivers. The information recorded on the 18MO22 site form also suggests that a Native American village was formerly located in this general area, although the recent archaeological investigations suggest that the site may either have represented a smaller habitation and/or that much of the archaeological evidence of a larger village site has since been destroyed. STPs excavated in the northeast quadrant of the [redacted] during the initial survey produced only a low-density scatter of prehistoric material (Arnold et al. 2019:Figure 45).

Fifteen STPs were excavated along a single transect during the supplemental survey in this area, and one STP at the western end of the transect produced two quartz flake fragments from a fill layer, which was recorded as isolated find FS-6 (see Figure 6.9; Figure 6.20). Some evidence of disturbance was noted in a few of these STPs (road gravel and modern trash), but for the most part, STPs other than the one associated

with FS-6 contained an A horizon (0–0.5 ftbs) of brown (10YR 4/3) silt loam over a B horizon (0.5–2.0 ftbs) of reddish brown (5YR 5/4) or strong brown (7.5YR 4/6) silty clay loam with some gravel. According to the USDA NRCS (2019), the natural soil type in this area is Elk silt loam (0–3% slopes, frequently flooded), which roughly corresponds to the stratigraphy encountered in the STPs.

Isolate FS-6

Two quartz tertiary flake fragments were found in Stratum III of the westernmost transect STP (Number 3-1) placed in the supplemental survey area [redacted] (see Figure 6.9; Figure 6.20). STPs excavated at 50 ft intervals to the east along this transect did not contain any cultural material, nor did either of the two STPs placed at 15-ft intervals to the east and west of STP 3-1. STP 3-1 contained four strata— the top stratum (0–0.3 ftbs) was very dark grayish brown (10YR 3/2) silty clay loam; Stratum II (0.3–0.5 ftbs) was strong brown (7.5YR 4/6) silty clay; Stratum III was a fill layer (0.5–0.8 ftbs) of dark yellowish brown (10YR 4/6) mottled with yellowish brown (10YR 5/8) silty clay loam; and Stratum IV (0.8–1.3 ftbs) was yellowish brown (10YR 5/8) silty clay with large rocks. The fill layer that produced the two flakes was not encountered in any of the other STPs excavated in this area. FS-6 is bounded on the [redacted] on the north and west by disturbed terrain, and on the east by negative shovel tests. The flakes are associated with the prehistoric activity evidenced on nearby sites but do not represent a substantial archaeological resource in this location, and no further archaeological investigation of this area is recommended for this project.

SOUTHEAST QUADRANT ([redacted])

The supplemental survey area [redacted] (Figure 6.20). The supplemental survey area on [redacted] is an approximately 460 ft long (north-south) by 0–55 ft wide (east-west) area adjacent to the east of the previously surveyed area (Figure 6.20). The area is covered in relatively dense vegetation with wetland vegetation groundcover (Figure 6.22). The soil series mapped in this area by the USDA NRCS (2019) is the Rock outcrop-Blocktown complex. Ten STPs excavated along Area S-12/13 Transects 11–15 to the west of this area during the initial survey had not produced any cultural material (see Figure 6.1) (Arnold et al. 2019:Figure 28). Five STPs were excavated along a single transect running north-south during the supplemental survey, and no cultural material was encountered. The northernmost STP, located [redacted], contained an A horizon (0–2.7 ftbs) of brown (10YR 4/3) sandy loam over a B horizon (2.7–3.0 ftbs) of yellowish brown (10YR 5/6) sandy loam. The STP just to the south contained a similar A horizon but encountered bedrock at 1.1 ftbs. The three subsequent STPs to the south contained an A horizon of dark brown (10YR 3/3) silt loam, although bedrock was encountered at 0.6 ftbs. No further archaeological investigation is recommended in this area for this project.

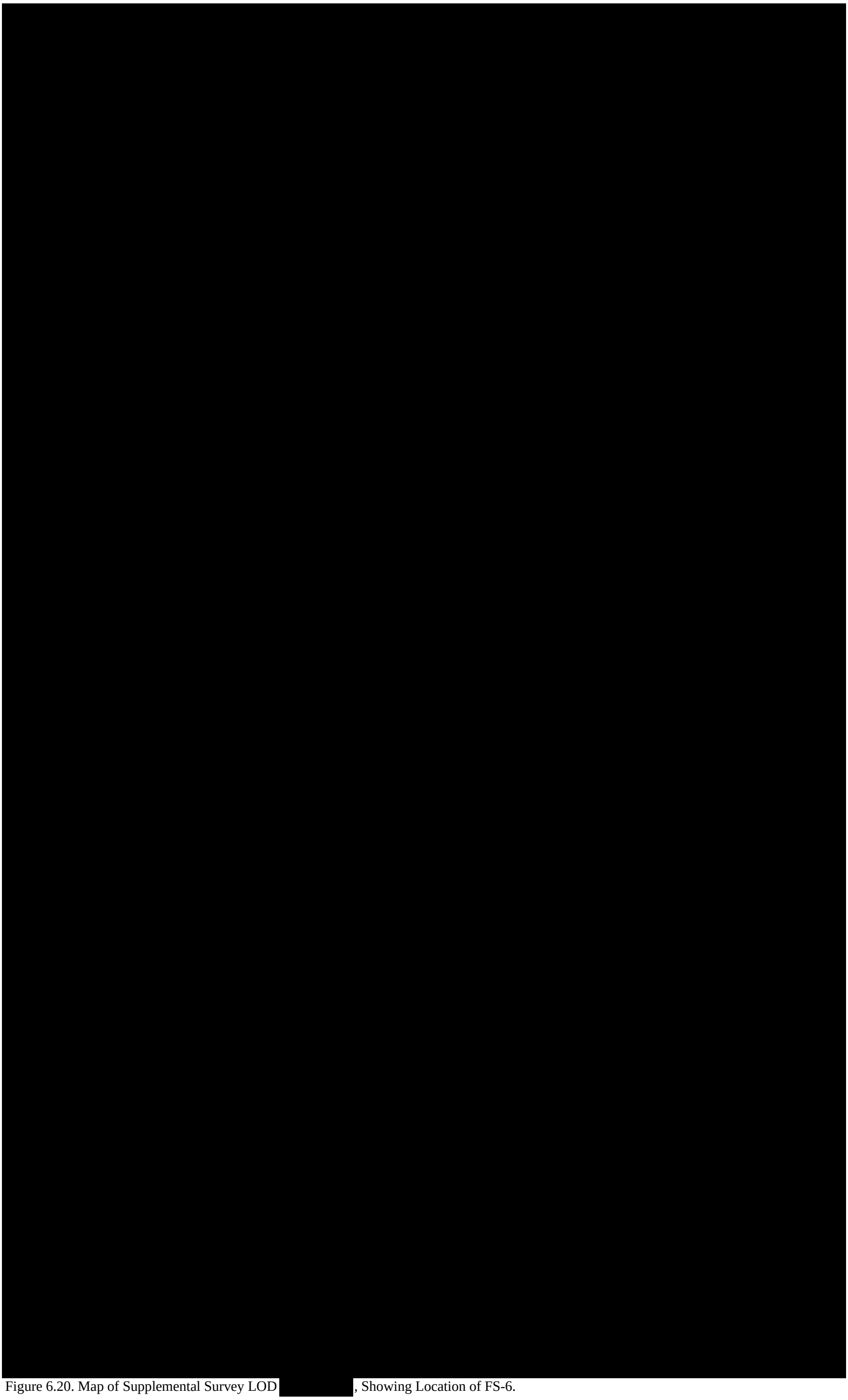

Figure 6.20. Map of Supplemental Survey LOD [redacted], Showing Location of FS-6.

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Figure 6.21. View of LOD near FS-6, Facing West.

Figure 6.22. View of Supplemental Survey Area on [redacted] Facing South.

The other supplemental survey area [redacted] is a 50-ft wide L-shaped corridor with the long portion running 480 ft along the [redacted] (Figure 6.20). The area along the [redacted] side of the towpath is lightly wooded, but the area [redacted] of the towpath and canal is densely forested with thick groundcover and contains [redacted] (Figures 6.23–6.25). A majority of this area is mapped by the USDA NRCS as the Rock outcrop-Blocktown complex, with a small area of Elk silt loam just [redacted]. The boundary of site 18MO751 is located approximately 80 feet to the north and 150 fee to the west, although STPs excavated on Area S 12/13 Transect 1 at the far western end of the supplemental survey area during the initial survey did not produce any cultural material (see Figure 6.1) (Arnold et al. 2019:Figure 45). Seven STPs were excavated at 50-ft intervals in this supplemental survey area, and no cultural material was found (see Figure 6.20). No STPs were excavated at the eastern end of the supplemental survey area [redacted] The STPs encountered a similar stratigraphy involving an A horizon of brown (10YR 4/3) to dark brown (10YR 3/3) silt loam over bedrock or a hydric B horizon of gray (10YR 5/1) and strong brown (7.5RY 4/6) silty clay. The A horizon (0–1.3 ftbs) was deeper in the three westernmost STPs than in the four easternmost STPs (0–0.5 ftbs). No further cultural resources investigation is recommended in this area for this project.

Figure 6.23. View of Supplemental Survey Area [redacted], Facing West.

Figure 6.24. View of Supplemental Survey Area [redacted], Facing Northeast.

Figure 6.25. View of Supplemental Survey Area [redacted], Facing South.

Summary and Recommendations

Supplemental Phase I survey in the previously unsurveyed portions of the LOD [redacted] involved the excavation of a total of 139 STPs—15 [redacted]; 12 [redacted]; 15 [redacted]; and 97 [redacted]. This survey identified three new archaeological sites and one isolated find and recovered artifacts associated with two previously identified sites. The additional resources are small loci within relict portions of the landform characterized by steep slopes, areas of standing water, and disturbance related to interstate highway construction. None of the archaeological resources is characterized by substantial or intact deposits, no intact subsurface cultural features were identified, and much of the tested areas has been extensively disturbed. No further archaeological investigation is recommended for this project within the supplemental survey areas.

7. CONCLUSIONS AND RECOMMENDATIONS

CONCLUSIONS

TRC completed supplemental Phase I survey and Phase II archaeological evaluation of sites 18PR750, 18MO749, and 18MO751 for the proposed I-495/I-270 managed lanes study project on behalf of the MDOT SHA.

A total of 106 STPs and four TUs were excavated during the Phase II evaluation at site 18PR750. The investigation resulted in the recovery of seven prehistoric period artifacts and two historic period artifacts. The Phase II investigation indicated that the site retains no vertical or horizontal integrity, and evidence of extensive disturbance was found across the site. The current landscape documented by the archaeological and geomorphological investigations does not conform with the Phase I survey findings and has been heavily disturbed by sewer line construction, erosion, and a variety of ecological pressures. Site 18PR750 is recommended not eligible for the NRHP.

During the Phase II investigation at 18MO749, 68 STPs and three TUs were excavated. The investigation resulted in the recovery of 6,391 prehistoric period artifacts, one prehistoric feature, and six historic period artifacts, and extended the site boundary to the west, north, and south. The Phase II investigation at site 18MO749 revealed a deeply deposited stratified site with Late Archaic and Early through Late Woodland period occupations. Site 18MO749 appears to contain intact and stratified contexts datable through diagnostic ceramic artifacts and projectile points, inter-site variability reflecting activity areas from different periods, a preserved cultural feature, and a diverse range of prehistoric ceramics, lithic tools, and lithic materials. Site 18MO749 is recommended eligible for the NRHP.

Phase II fieldwork at 18MO751 consisted of the excavation of 52 STPs and five 5 × 5 ft TUs and recovered 2,515 historic artifacts associated with the early 19th through early 20th century Lock [redacted] residential occupation as well as a modest prehistoric assemblage associated with at least Late Archaic and Early Woodland period use of this area. During the Phase II investigations, the stone foundation identified during the survey was further documented and investigated, but its function and temporal association are still unclear. Three subsurface features were identified [redacted] of the C&O canal towpath, consisting of potential structural elements associated with the House at Lock [redacted] Artifacts recovered from that area are overwhelmingly architectural in nature (75%), but also include kitchen, clothing, arms and ammunition, tobacco pipe, personal, and activities group items. The test unit excavation and Phase II shovel testing at 18MO751 did not identify conclusive evidence of the locations of any additional historic structures, but high concentrations of domestic artifacts recovered from TU 3 suggest the possibility of a nearby domestic structure located on the [redacted] side of the C&O Canal towpath. Site 18MO751 is recommended eligible for the NRHP.

Supplemental Phase I survey in the previously unsurveyed portions of the LOD [redacted] involved the excavation of a total of 139 STPs—15 [redacted]; 12 [redacted]; 15 [redacted]; and 97 [redacted]. This survey identified one isolated find (FS-6) and recovered artifacts associated with two previously identified sites (18MO22 and 18MO750).

Site 18MO22 is located within an area that has been substantially altered for construction of [redacted]. Sixteen STPs were excavated along five transects during the supplemental survey in the area containing site 18MO22, and four STPs within the western portion of the site produced artifacts. The prehistoric assemblage consists of two

cores and 14 pieces of unmodified debitage, all quartz, and the historic period assemblage consists of one machine made railroad spike, one piece of wire, four container glass fragments, and one undecorated whiteware sherd. Although prehistoric artifacts have consistently been found in the E horizon and may be in an unmixed context in this area (with the exception of those found in fill), both the prehistoric and historic components on the site are characterized by an extremely low density and in general the entire area has been compromised by the 19th through 20th century transportation related modifications. The supplemental Phase I survey indicates that site 18MO22 does not contain substantial artifact deposits or cultural features that could provide additional data regarding the prehistoric or historic period occupation of this area, confirming the results of prior investigations in the areas (Arnold et al. 2019, Sections 4.7 and 4.9.1).

RECOMMENDATIONS

The Phase II investigation at site 18PR750 produced a very low number of artifacts, and the archaeological deposits do not appear to be in an intact context as the site has been disturbed by the construction/maintenance of the Interstate Highway system, flood scouring, erosion, sewer line construction/maintenance, and waterway alterations. It is unlikely that additional archaeological investigations at 18PR750 would recover cultural material that would provide meaningful data pertinent to component specific research questions. Site 18PR750 is recommended not eligible for the NRHP, and no further archaeological investigation of this site is recommended for this project.

The Phase II investigation at site 18MO749 produced a substantial and varied prehistoric assemblage, including prehistoric ceramic wares associated with the Early, Middle, and Late Woodland periods and a wide diversity of lithic tool types and raw materials. The site is characterized by complex alluvial stratigraphy, and although some degree of bioturbation may have impacted the site, both vertical and horizontal separation of the components can be recognized. One pit feature and several apparent lithic reduction activity areas were encountered and partially excavated during the investigation, and the recovery of fire cracked rock and calcined bone, along with the site's deep stratigraphy, suggest the potential for the presence of additional cultural features. Site 18MO749 has the potential to provide substantive data that could be useful in addressing a variety of research issues, and possibly allowing an opportunity to study changes in prehistoric lifeways between the early and late portions of the Woodland period. Potential research issues that could be addressed by site data include temporal trends in lithic reduction technologies, lithic raw material preferences, resource extraction practices, subsistence practices, and settlement patterns, as well as the refinement of fine-grained chronological placement of regional ceramic wares. This site is recommended eligible under NRHP Criterion D, and avoidance or data recovery investigation is recommended.

Although the investigation recommended that 18MO749 is eligible for the NRHP, the potential eligibility of this resource is based chiefly on its ability to provide information important in prehistory. There is no indication that site 18MO749 may warrant preservation in place. Mitigation efforts should be accomplished primarily through data recovery investigations, together with other appropriate measures such as public interpretation of the results of investigations. Avoidance and/or minimization measures should also be considered.

The Phase II investigation of site 18MO751 produced a substantial and varied historic period assemblage, including activities, architectural, arms and ammunition, clothing, furniture, kitchen, personal, and tobacco pipe group artifacts primarily dating from the early 19th through early 20th centuries, as well as a few prehistoric artifacts. Structural features associated with C&O Canal Lock [redacted] and the associated lock house were encountered and partially excavated during the investigation, and there is good potential for the presence of additional cultural features and patterned artifact deposits. Site 18MO751 has the potential to provide substantive data that could be useful in addressing a variety of research issues, including those regarding the multiple functions of the Canal and associated lock houses, its outlying areas and supporting

structures, and aspects of 19th century waterway travel and the lives of those who supported it. The portion of the site [redacted] of the C&O Canal towpath contains the lock house remnants and a majority of the high density artifact deposits. This site is recommended eligible under NRHP Criteria A, C, and D, and avoidance or data recovery investigation is recommended.

The isolated find (FS-6), and artifacts associated with two previously recorded sites (18MO22 and 18MO750) identified during the supplemental survey represent small loci within relict portions of the landforms characterized by steep slopes, areas of standing water, and/or disturbance related to interstate highway and canal construction. None of these archaeological resources is characterized by substantial or intact deposits, no intact subsurface cultural features were identified, and much of the tested areas has been extensively disturbed. These resources do not offer further research potential and are recommended not eligible for the NRHP. No additional archaeological investigation is recommended on sites 18MO22 and 18MO750 and isolated find FS-6 in association with this project.

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APPENDIX 1

ARTIFACT CATALOGS

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
18PR750	1	1/4"	STP		615	750			II	0.2-0.6	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked	
18PR750	1	1/4"	STP		615	750			II	0.2-0.6	1	0.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked	
18PR750	2	1/4"	STP		600	750			II	0.3-0.5	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	streaked	
18PR750	3	1/4"	STP		500	609			II	0.7	1	8.5		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	Albany-slipped interior
18PR750	4	1/4"	STP		500	609			III		1	136.8		historic	ceramic	body	sewer pipe			architectural	brown wash, spalls
18PR750	5	1/4"	STP		500	685			II	1.8-2.0	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	streaked	
18PR750	6	1/4"	TU	1	565	450			I	0-0.25	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray		
18PR750	6	1/4"	TU	1	565	450			I	0-0.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked	
18PR750	9	1/4"	TU	4	500	510			IV	0.9-1.4	1	0.8	1-2	lithic	debitage	tertiary	flake, broken	quartz	white	streaked	possibly utilized

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	85	1/4"	TU	1	460	485		1	I	Oi	0-0.3	1	1.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	85	1/4"	TU	1	460	485		1	I	Oi	0-0.3	6	3.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	85	1/4"	TU	1	460	485		1	I	Oi	0-0.3	1	2.8	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	unid. eroded		
18MO749	85	1/4"	TU	1	460	485		1	I	Oi	0-0.3	2	2.3	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	1.9	2-3	lithic	tool	fragment	biface, unid.	quartz	white	plain		distal/basal fragment, biconvex
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	2.0	2-3	lithic	debitage	tertiary	flake, complete	quartzite	brownish gray			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	quartzite	brownish gray			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	0.2	1-2	lithic	debitage	primary	flake, complete	quartzite	light brownnish white			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	1.1	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	3	1.0	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	1.9	2-3	lithic	debitage	primary	flake, fragment	quartzite	gray			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	2.0	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	brownish gray			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	2	2.5	1-2	lithic	debitage	secondary	flake, fragment	quartzite	yellowish brown			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white, red			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brownish gray			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	1.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white, brown	grainy		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	2	2.0	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white, red	grainy		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	16	8.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	plain		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	2	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	8	0.8	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	1.2	2-3	lithic	debitage	tertiary	flake, complete	argillite	gray			
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	8	5.2	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	3.3	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	unid. pattern	
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	10.9	4-6	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	unid. eroded		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	9.2	4-6	ceramic	sherd	body	unclassified sherd	n/a	medium-coarse sand	unid. eroded		a few rounded pebbles in paste
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	4	12.6	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	medium-pebble sand	unid. eroded	cordmarked	minor quartz temper
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	3.5	2-4	ceramic	sherd	body	unclassified sherd	n/a	medium-coarse sand, voids	unid. eroded		
18MO749	86	1/4"	TU	1	460	485		2	II	B1	0.3-0.8	1	0.9	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	fine sand	spalled		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	72	58.2	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	17.5	4-6	ceramic	sherd	base	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	4.3	2-4	ceramic	sherd	base	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	4	8.0	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	2.2	2-4	ceramic	sherd	rim	Potomac Creek	n/a	crushed quartz	cordmarked	fine, closely spaced	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	3	9.3	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	unid. pattern	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	3	8.3	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine sand	eroded		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	11	35.1	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	unid. eroded		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	5.1	2-4	ceramic	sherd	neck	Potomac Creek	micaceous sand	crushed quartz, sand	cordmarked	cord wrapped stick	based on temper
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	3	7.3	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	coarse sand	unid. eroded		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	5	12.1	2-4	ceramic	sherd	body	Potomac Creek	n/a	coarse sand with some quartz	cordmarked	fine, closely spaced	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	8.4	2-4	ceramic	sherd	body	Potomac Creek	n/a	fine sand with some quartz	cordmarked	fine, closely spaced	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	10.6	4-6	ceramic	sherd	body	Potomac Creek	micaceous sand	coarse sand with some quartz	cordmarked	fine, closely spaced	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	7.0	4-6	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	fine, closely spaced	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	5.3	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	fine, closely spaced	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	5.1	2-4	ceramic	sherd	body	unclassified sherd	n/a	coarse sand	cordmarked		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	4.9	2-4	ceramic	sherd	body	Potomac Creek	micaceous sand	crushed quartz	cordmarked	cord wrapped stick	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	3.1	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	zoned	
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	aphyric		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	plagioclase porphyritic		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	quartz porphyritic		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.4	1-2	lithic	debitage	tertiary	flake, complete	quartzite	white			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.2	<1	lithic	debitage	tertiary	flake, complete	quartzite	gray			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	3.1	3-4	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	3.1	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	2.8	2-3	lithic	debitage	secondary	flake, fragment	quartzite	gray, red			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	0.8	1-2	lithic	debitage	secondary	flake, fragment	quartzite	yellowish brown			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	3	1.1	1-2	lithic	debitage	secondary	flake, fragment	quartzite	gray			

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	1.5	1-2	lithic	debitage	secondary	flake, fragment	quartzite	yellowish brown			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	1.5	1-2	lithic	debitage	secondary	flake, fragment	quartzite	red			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	0.4	1-2	lithic	debitage	secondary	flake, fragment	quartzite	white			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	brown			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	1.1	1-2	lithic	tool	fragment	biface, unid.	quartzite	gray			distal fragment, biconvex
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	73	7.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	64	26.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	11	16.9	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	1.3	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, red			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	4	1.8	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, yellowish brown			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.8	1-2	lithic	debitage	secondary	flake, fragment	quartz	white			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	3	1.9	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, reddish brown	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.8	2-3	lithic	debitage	secondary	flake, fragment	quartz	white, yellow	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	4.2	2-3	lithic	debitage	secondary	flake, fragment	quartz	red, white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	4	0.4	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	2	5.1	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	0.4	1-2	lithic	debitage	secondary	flake, complete	quartz	red, white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	16	7.9	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	10.9	3-5	lithic	debitage	primary	flake, complete	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	15	30.8		lithic	debitage	secondary	shatter	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	28.8	4-5	lithic	debitage	primary	core, fragment	quartz	white	grainy		amorphous freehand
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	78.4	>5	lithic	debitage	tertiary	bipolar core	argillite	brownish gray			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	2.8	2-3	lithic	tool	tertiary	retouched flake, fragment	quartz	white	grainy		unifacial retouch along single later
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	1.9	2-3	lithic	tool	fragment	biface, unid.	quartz	white	grainy		distal fragment, biconvex
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	5.6	2-3	lithic	tool	tertiary	scraper	quartz	white	grainy		
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	1	88.5		lithic	debitage	primary	tested cobble	quartzite	light brown			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	3	74.2		lithic	FCR	fragment	fire cracked rock	quartzite	light brown, red			
18MO749	87	1/4"	TU	1	460	485	NW quad	3	II	B1	0.8-1.3	4	164.6		lithic	FCR	fragment	fire cracked rock	schist	red, gray			
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	2	0.2		faunal	bone	fragment	tooth enamel					
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	3	0.7	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	0.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	21	9.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	17	1.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	33.1	>5	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	0.7	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	4	1.5	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray, reddish brown			
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	white, red			
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	white, yellowish brown			
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	3	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	2	291.1		lithic	FCR	fragment	fire cracked rock	schist	brownish gray			
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	10	6.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	0.8	<2	ceramic	sherd	residual	residual sherd	n/a	bead	n/a	n/a	Bead within sherd
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	2	5.0	2-4	ceramic	sherd	body	unclassified sherd	n/a	medium sand	eroded		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	2	9.4	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	eroded		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	2	4.7	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	unid. eroded		
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	2.9	2-4	ceramic	sherd	body	Potomac Creek	n/a	coarse sand	cord wrapped stick	eroded	
18MO749	88	1/4"	TU	1	460	485	NW quad	4	II	B1	1.3-1.55	1	3.1	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	unid. eroded		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	4	0.5		faunal	bone	fragment	tooth enamel					
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	6	0.5		faunal	bone	fragment	calcined bone					
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	25	15.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	1	2.5	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	herringbone pattern	
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	2	5.6	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	plain		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	1	4.4	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	2	3.8	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cord wrapped stick	eroded	
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	1	2.4	2-4	ceramic	sherd	body	Potomac Creek	n/a	coarse sand	cordmarked	close parallel	
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	2	4.0	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	shell (leached)	eroded		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	1	1.4	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	7	2.9	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	2	0.2	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	2	7.0	2-3	lithic	debitage	primary	flake, fragment	quartz	white	grainy		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	1	2.3	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white, red	grainy		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	2	2.8	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	crystal quartz	clear			
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	1	0.6	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	4	2.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	plain		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	29	3.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	21	1.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brownish gray			
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	2	1.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	3	8.8		lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	89	1/4"	TU	1	460	485	NE quad	4	II	B1	1.3-1.55	2	18.5		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown			
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	0.3		faunal	bone	fragment	cancellous bone					
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	9	3.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	0.1		ebot		fragment	charcoal					
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	2	2.9	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	4.5	2-4	ceramic	sherd	body	Potomac Creek	n/a	coarse sand with some quartz	cordmarked		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	8.5	4-6	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	fabric impressed		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	1.3	2-3	lithic	tool	tertiary	graver	quartz	white	grainy		unifacial retouch on flake fragmen
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	3.8	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	0.1	1-2	lithic	debitage	tertiary	flake, complete	quartzite	yellow			
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	3.9	3-4	lithic	debitage	secondary	flake, fragment	quartzite	brownish gray			
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	3.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	3	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellowish brown	grainy		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, gray	grainy		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	6.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	2	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, red	grainy		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	10	4.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	6	0.6	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	90	1/4"	TU	1	460	485	SW quad	4	II	B1	1.3-1.55	2	91.9		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown			
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	5	0.4		faunal	bone	fragment	calcined bone					
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	19	8.8	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	1.7	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	incised	
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	2.4	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	fine sand with some quartz	cordmarked	eroded	
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	5.4	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	14.4	4-6	ceramic	sherd	body	Potomac Creek	n/a	coarse sand and mica	cord wrapped stick		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	5	16.3	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	2	4.7	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	fabric impressed		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	34.6	>5	lithic	debitage	secondary	bipolar flake, complete	quartzite	reddish brown			
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	27.8	4-5	lithic	debitage	primary	core, fragment	quartz	white, red			freehand, amorphous
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	2.3	2-3	lithic	debitage	secondary	flake, complete	rhyolite	weathered gray	aphyric		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	0.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	5	0.5	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	3.7	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	2.9	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	23	9.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	7	0.6	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	91	1/4"	TU	1	460	485	SE quad	4	II	B1	1.3-1.55	2	103.5		lithic	FCR	fragment	fire cracked rock	conglomerate	reddish brown			
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	1	0.1		faunal	bone	fragment	tooth enamel					
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	9	0.5		faunal	bone	fragment	calcined bone					
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	13	10.0	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	3	12.3	2-4	ceramic	sherd	body	Potomac Creek	micaceous sand	coarse sand with some quartz	cordmarked		
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	1	5.9	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	fine, closely spaced	
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	1	3.1	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	eroded		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	1	1.2	2-4	ceramic	sherd	body	unclassified sherd	n/a	medium sand	spalled		
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	1	0.8	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	13	4.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III		1.55-1.8	2	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white,			
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III		1.55-1.8	2	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brownish gray			
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	1	0.5	1-2	lithic	debitage	secondary	flake, fragment	crystal quartz	clear			
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white, reddish brown	streaked		
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	3	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white, reddish brown	grainy		
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	5	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	5	8.8		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	4	10.3		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown			
18MO749	92	1/4"	TU	1	460	485	NW quad	5	III	Ab	1.55-1.8	1	79.4		lithic	tool	fragment	biface, early stage	argillite	reddish gray			
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	4.7	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	plain		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	2	6.1	2-4	ceramic	sherd	body	Accokeek	micaceous sand	coarse sand with some quartz	cordmarked	fine, closely spaced	li
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	2.3	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cord wrapped stick		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	1.1	2-4	ceramic	sherd	body	unclassified sherd	n/a	crushed quartz	eroded		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	5	1.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	2	0.5	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	plain		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	grayish brown			
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	12	3.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III		1.55-1.8	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III		1.55-1.8	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III		1.55-1.8	10	1.0	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	0.5		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	2.3	2-3	lithic	tool	complete	ppk, Potomac	quartz	white	grainy		biconvex x-section, 22.5mm long, 20mm wide, and 7mm thick. equilateral margins
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	5	93.0		lithic	FCR	fragment	fire cracked rock	quartzite	gray, red, white			
18MO749	93	1/4"	TU	1	460	485	NE quad	5	III	Ab	1.55-1.8	1	294.3	>5	lithic	tool	complete	hammerstone/core	quartzite	reddish brown			pecking and flakes taken off. May
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	6	5.5	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	1	2.0	2-4	ceramic	sherd	rim	Potomac Creek	n/a	crushed quartz	cordmarked		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	1	2.4	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	1	1.6	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	streaked		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	1	1.6	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III		1.55-1.8	2	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellowish brown	grainy		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III		1.55-1.8	4	1.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III		1.55-1.8	10	2.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	1	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	15	0.9	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III		1.55-1.8	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III		1.55-1.8	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	1	1.9		lithic	debitage	secondary	shatter	argillite	reddish brown			
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	3	24.0		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	94	1/4"	TU	1	460	485	SW quad	5	III	Ab	1.55-1.8	1	113.2		lithic	FCR	fragment	fire cracked rock	schist	reddish brown			
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	3.1		lithic	tool	complete	ppk, Potomac	quartz	white	grainy		biconvex x-section, 27mm long, 20mm wide, and 6mm thick. equilateral margins
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	9	6.3	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	5.0	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	fine, closely spaced	
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	6.2	2-4	ceramic	sherd	base	Potomac Creek	n/a	crushed quartz	eroded		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	8.1	4-6	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	plain		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	4.1	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	plain		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	9.3	2-4	ceramic	sherd	body	Rappahannock	micaceous sand	shell (leached)	incised	parallel lines with perpendicular dashes/punctates	

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	10.8	3-4	lithic	tool	fragment	biface, early stage	quartz	white	grainy		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	1.6	2-3	lithic	debitage	secondary	flake, complete	quartz	white	grainy		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	2.0	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	1.7	1-2	lithic	debitage	tertiary	flake, complete	quartzite	grayish brown			
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	2.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	14	5.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	10	0.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	4	2.6		lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	95	1/4"	TU	1	460	485	SE quad	5	III	Ab	1.55-1.8	4	137.7		lithic	FCR	fragment	fire cracked rock	conglomerate	reddish brown			
18MO749	96	1/4"	TU	1	460	485	NW quad	6	IV	B2	1.8-2.05	2	0.2		faunal	bone	fragment	calcined bone					
18MO749	96	1/4"	TU	1	460	485	NW quad	6	IV	B2	1.8-2.05	7	5.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	96	1/4"	TU	1	460	485	NW quad	6	IV	B2	1.8-2.05	1	3.8	2-4	ceramic	sherd	body	Potomac Creek	n/a	medium sand	cordmarked	fine, closely spaced	
18MO749	96	1/4"	TU	1	460	485	NW quad	6	IV	B2	1.8-2.05	1	13.0	3-4	lithic	tool	fragment	biface, mid stage	quartz	white	grainy		biconvex x-section
18MO749	96	1/4"	TU	1	460	485	NW quad	6	IV	B2	1.8-2.05	2	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	96	1/4"	TU	1	460	485	NW quad	6	IV	B2	1.8-2.05	7	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	97	1/4"	TU	1	460	485	NE quad	6	IV	B2	1.8-2.05	1	2.7	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	plain		
18MO749	97	1/4"	TU	1	460	485	NE quad	6	IV	B2	1.8-2.05	1	0.3	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	gray	aphyric		
18MO749	97	1/4"	TU	1	460	485	NE quad	6	IV	B2	1.8-2.05	6	1.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	97	1/4"	TU	1	460	485	NE quad	6	IV	B2	1.8-2.05	3	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	97	1/4"	TU	1	460	485	NE quad	6	IV	B2	1.8-2.05	1	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	gray			
18MO749	97	1/4"	TU	1	460	485	NE quad	6	IV	B2	1.8-2.05	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	reddish brown			
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	5	1.1		faunal	bone	fragment	calcined bone					
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	2	1.0	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	1	5.2	2-4	ceramic	sherd	body	Accokeek	n/a	fine sand with some quartz	cordmarked	fine, closely spaced	
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	1	62.7	>5	lithic	debitage	primary	flake, complete	quartzite	greenish gray			
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	1	5.3	3-4	lithic	tool	complete	biface, late stage	quartz	white	grainy		pos on its way to being a triangle p
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	1	1.8	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	1	2.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	smooth		
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	98	1/4"	TU	1	460	485	SW quad	6	IV	B2	1.8-2.05	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	5	0.5	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	1	3.1	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	2	1.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white, red	grainy		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	1	0.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	1	0.6	1-2	lithic	tool	complete	thumbnail scraper	quartz	white	grainy		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	5	1.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	2	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	3	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellowish brown	grainy		
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brown			
18MO749	99	1/4"	TU	1	460	485	SE quad	6	IV	B2	1.8-2.05	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	100	1/4"	TU	1	460	485	NW quad	7	IV	B2	2.05-2.3	1	0.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	100	1/4"	TU	1	460	485	NW quad	7	IV	B2	2.05-2.3	1	0.3		faunal	bone	fragment	cortical bone					
18MO749	100	1/4"	TU	1	460	485	NW quad	7	IV	B2	2.05-2.3	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	100	1/4"	TU	1	460	485	NW quad	7	IV	B2	2.05-2.3	2	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	100	1/4"	TU	1	460	485	NW quad	7	IV	B2	2.05-2.3	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	101	1/4"	TU	1	460	485	NE quad	7	IV	B2	2.05-2.3	3	1.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	101	1/4"	TU	1	460	485	NE quad	7	IV	B2	2.05-2.3	1	1.6	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	101	1/4"	TU	1	460	485	NE quad	7	IV	B2	2.05-2.3	3	0.9	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	101	1/4"	TU	1	460	485	NE quad	7	IV	B2	2.05-2.3	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	crystal quartz	none			
18MO749	101	1/4"	TU	1	460	485	NE quad	7	IV	B2	2.05-2.3	3	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	101	1/4"	TU	1	460	485	NE quad	7	IV	B2	2.05-2.3	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	102	1/4"	TU	1	460	485	SW quad	7	IV	B2	2.05-2.3	1	0.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	102	1/4"	TU	1	460	485	SW quad	7	IV	B2	2.05-2.3	6	2.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	102	1/4"	TU	1	460	485	SW quad	7	IV	B2	2.05-2.3	1	1.2	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	102	1/4"	TU	1	460	485	SW quad	7	IV	B2	2.05-2.3	2	0.1	<1	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	102	1/4"	TU	1	460	485	SW quad	7	IV	B2	2.05-2.3	1	3.9		lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	103	1/4"	TU	1	460	485	SE quad	7	IV	B2	2.05-2.3	1	0.1		faunal	bone	fragment	calcined bone					
18MO749	103	1/4"	TU	1	460	485	SE quad	7	IV	B2	2.05-2.3	3	1.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	103	1/4"	TU	1	460	485	SE quad	7	IV	B2	2.05-2.3	2	2.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	103	1/4"	TU	1	460	485	SE quad	7	IV	B2	2.05-2.3	4	1.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	103	1/4"	TU	1	460	485	SE quad	7	IV	B2	2.05-2.3	7	0.6	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	103	1/4"	TU	1	460	485	SE quad	7	IV	B2	2.05-2.3	1	0.8		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	104	1/4"	TU	1	460	485	NW quad	8	IV	B2	2.3-2.55	1	2.5	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	105	1/4"	TU	1	460	485	NE quad	8	IV	B2	2.3-2.55	2	2.1	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	105	1/4"	TU	1	460	485	NE quad	8	IV	B2	2.3-2.55	2	1.5	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	105	1/4"	TU	1	460	485	NE quad	8	IV	B2	2.3-2.55	8	4.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	105	1/4"	TU	1	460	485	NE quad	8	IV	B2	2.3-2.55	13	4.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	105	1/4"	TU	1	460	485	NE quad	8	IV	B2	2.3-2.55	1	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	105	1/4"	TU	1	460	485	NE quad	8	IV	B2	2.3-2.55	8	0.9	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	106	1/4"	TU	1	460	485	SW quad	8	IV	B2	2.3-2.55	8	2.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	106	1/4"	TU	1	460	485	SW quad	8	IV	B2	2.3-2.55	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	106	1/4"	TU	1	460	485	SW quad	8	IV	B2	2.3-2.55	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	1	4.4	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	1	0.7	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	8	4.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	1	3.7	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	3	2.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	48	14.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	31	2.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	red	grainy		
18MO749	107	1/4"	TU	1	460	485	SE quad	8	IV	B2	2.3-2.55	2	5.4		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	108	1/4"	TU	1	460	485	NW quad	9	IV	B2	2.55-2.8	1	2.9	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	108	1/4"	TU	1	460	485	NW quad	9	IV	B2	2.55-2.8	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	109	1/4"	TU	1	460	485	NE quad	9	IV	B2	2.55-2.8	8	2.6	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	109	1/4"	TU	1	460	485	NE quad	9	IV	B2	2.55-2.8	1	5.7	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	109	1/4"	TU	1	460	485	NE quad	9	IV	B2	2.55-2.8	8	12.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	109	1/4"	TU	1	460	485	NE quad	9	IV	B2	2.55-2.8	36	15.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	109	1/4"	TU	1	460	485	NE quad	9	IV	B2	2.55-2.8	41	4.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	110	1/4"	TU	1	460	485	SW quad	9	IV	B2	2.55-2.8	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	110	1/4"	TU	1	460	485	SW quad	9	IV	B2	2.55-2.8	1	1.6	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	110	1/4"	TU	1	460	485	SW quad	9	IV	B2	2.55-2.8	8	2.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	110	1/4"	TU	1	460	485	SW quad	9	IV	B2	2.55-2.8	9	0.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	110	1/4"	TU	1	460	485	SW quad	9	IV	B2	2.55-2.8	1	1.8		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	1	5.4	2-4	ceramic	sherd	base	Popes Creek	n/a	coarse sand	unid. eroded		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	1	4.7	4-5	lithic	tool	tertiary	retouched flake, complete	quartz	white	grainy		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	jasper	brown	opaque		waterworn
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	3	4.0	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	14	6.8	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	4	0.4	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	15	20.0	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	1	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	104	37.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	111	1/4"	TU	1	460	485	SE quad	9	IV	B2	2.55-2.8	20	5.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	112	1/4"	TU	1	460	485	NW quad	10	IV	B2	2.8-3.05	1	2.0	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	112	1/4"	TU	1	460	485	NW quad	10	IV	B2	2.8-3.05	6	2.3	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	112	1/4"	TU	1	460	485	NW quad	10	IV	B2	2.8-3.05	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	112	1/4"	TU	1	460	485	NW quad	10	IV	B2	2.8-3.05	2	2.5	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	112	1/4"	TU	1	460	485	NW quad	10	IV	B2	2.8-3.05	9	3.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	112	1/4"	TU	1	460	485	NW quad	10	IV	B2	2.8-3.05	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	112	1/4"	TU	1	460	485	NW quad	10	IV	B2	2.8-3.05	2	1.3		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	1	7.2	2-4	ceramic	sherd	body	Popes Creek	n/a	coarse sand	net impressed		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	1	4.8	4-5	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	7	22.5	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	1	4.0	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	23	12.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	22	33.8	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	2	2.7	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	35	57.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	207	87.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	1	1.3	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	2	2.7		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	9	1.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	115	10.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	1	33.7	4-5	lithic	debitage	secondary	core, fragment	quartz	white	grainy		amorphous
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	1	12.9	3-4	lithic	debitage	secondary	core, fragment	quartz	white	grainy		amorphous
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	1	27.2	4-5	lithic	tool	partial	biface, early stage	quartz	white	grainy		
18MO749	113	1/4"	TU	1	460	485	NE quad	10	IV	B2	2.8-3.05	1	14.8	3-4	lithic	tool	partial	biface, mid stage	quartz	white	grainy		
18MO749	114	1/4"	TU	1	460	485	SW quad	10	IV	B2	2.8-3.05	1	12.5	4-5	lithic	debitage	secondary	core, fragment	quartz	white	grainy		
18MO749	114	1/4"	TU	1	460	485	SW quad	10	IV	B2	2.8-3.05	2	1.0	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	114	1/4"	TU	1	460	485	SW quad	10	IV	B2	2.8-3.05	2	0.2	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	114	1/4"	TU	1	460	485	SW quad	10	IV	B2	2.8-3.05	1	5.3	3-4	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	114	1/4"	TU	1	460	485	SW quad	10	IV	B2	2.8-3.05	1	1.3	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	114	1/4"	TU	1	460	485	SW quad	10	IV	B2	2.8-3.05	7	2.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	114	1/4"	TU	1	460	485	SW quad	10	IV	B2	2.8-3.05	14	1.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	2	10.1	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	1	9.9	3-4	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	3	11.4	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	1	12.9	3-4	lithic	debitage	secondary	flake, fragment	quartzite	yellowish brown			
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	33	56.4	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	50	25.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	41	75.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	315	118.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	220	19.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	16	1.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	1	14.8	3-4	lithic	debitage	tertiary	core, fragment	quartz	white	grainy		amorphous
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	1	13.6	3-4	lithic	tool	tertiary	side scraper, fragment	quartz	white	grainy		unifacial retouch along one lateral
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	1	14.1	4-5	lithic	tool	tertiary	side scraper, type IV	quartz	white	grainy		bifacial retouch along both lateral margins, heavy wear/polishing to worked margins
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	1	2.3	2-3	lithic	tool	fragment	biface fragment	quartz	white	grainy		biconvex x-section, distal fragmen
18MO749	115	1/4"	TU	1	460	485	SE quad	10	IV	B2	2.8-3.05	1	11.5	3-4	lithic	tool	partial	biface, mid stage	quartz	white	grainy		biconvex x-section, distal portion r
18MO749	116	1/4"	TU	1	460	485	NW quad	11	IV	B2	3.05-3.3	1	2.7	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	116	1/4"	TU	1	460	485	NW quad	11	IV	B2	3.05-3.3	1	0.8	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	116	1/4"	TU	1	460	485	NW quad	11	IV	B2	3.05-3.3	7	1.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	116	1/4"	TU	1	460	485	NW quad	11	IV	B2	3.05-3.3	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	7	10.8	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	15	7.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	2	6.3	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	25	35.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	150	54.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	1	1.0	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, reddish brown, gray	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	1	0.7	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, red	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	69	6.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	2	9.4		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	1	14.9	3-4	lithic	tool	fragment	biface, mid stage	quartz	white	grainy		biconvex x-section, basal fragment
18MO749	117	1/4"	TU	1	460	485	NE quad	11	IV	B2	3.05-3.3	1	4.0	2-3	lithic	tool	tertiary	thumbnail scraper	quartz	white	grainy		steep unifacial retouch to flake fra
18MO749	118	1/4"	TU	1	460	485	SW quad	11	IV	B2	3.05-3.3	1	2.7	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, yellowish brown	grainy		
18MO749	118	1/4"	TU	1	460	485	SW quad	11	IV	B2	3.05-3.3	7	2.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	118	1/4"	TU	1	460	485	SW quad	11	IV	B2	3.05-3.3	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	119	1/4"	TU	1	460	485	SE quad	11	IV	B2	3.05-3.3	1	2.8	3-4	lithic	tool	fragment	biface, mid stage	quartz	white	grainy		biconvex x-section, distal fragmen
18MO749	119	1/4"	TU	1	460	485	SE quad	11	IV	B2	3.05-3.3	1	2.5	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	119	1/4"	TU	1	460	485	SE quad	11	IV	B2	3.05-3.3	19	6.0	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	119	1/4"	TU	1	460	485	SE quad	11	IV	B2	3.05-3.3	8	0.5	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	119	1/4"	TU	1	460	485	SE quad	11	IV	B2	3.05-3.3	6	12.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	119	1/4"	TU	1	460	485	SE quad	11	IV	B2	3.05-3.3	82	30.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	119	1/4"	TU	1	460	485	SE quad	11	IV	B2	3.05-3.3	63	5.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	120	1/4"	TU	1	460	485	NW quad	12	IV	B2	3.3-3.55	2	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	120	1/4"	TU	1	460	485	NW quad	12	IV	B2	3.3-3.55	3	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	121	1/4"	TU	1	460	485	NE quad	12	IV	B2	3.3-3.55	1	2.6	2-3	lithic	tool	tertiary	retouched flake, complete	quartz	white	streaked		unifacial retouch along lateral and
18MO749	121	1/4"	TU	1	460	485	NE quad	12	IV	B2	3.3-3.55	1	1.4	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	121	1/4"	TU	1	460	485	NE quad	12	IV	B2	3.3-3.55	2	1.6	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	121	1/4"	TU	1	460	485	NE quad	12	IV	B2	3.3-3.55	3	1.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	121	1/4"	TU	1	460	485	NE quad	12	IV	B2	3.3-3.55	2	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	121	1/4"	TU	1	460	485	NE quad	12	IV	B2	3.3-3.55	1	1.9	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	121	1/4"	TU	1	460	485	NE quad	12	IV	B2	3.3-3.55	13	6.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	121	1/4"	TU	1	460	485	NE quad	12	IV	B2	3.3-3.55	7	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	122	1/4"	TU	1	460	485	SE quad	12	IV	B2	3.3-3.55	1	9.7	4-5	lithic	tool	tertiary	side scraper, type II	quartz	white	grainy		a few bifacial margins on a comple
18MO749	122	1/4"	TU	1	460	485	SE quad	12	IV	B2	3.3-3.55	3	5.2	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	122	1/4"	TU	1	460	485	SE quad	12	IV	B2	3.3-3.55	3	0.5	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	122	1/4"	TU	1	460	485	SE quad	12	IV	B2	3.3-3.55	3	0.2	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	122	1/4"	TU	1	460	485	SE quad	12	IV	B2	3.3-3.55	15	4.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	122	1/4"	TU	1	460	485	SE quad	12	IV	B2	3.3-3.55	13	1.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	123	1/4"	TU	1	460	485	NE quad	13	IV	B2	3.55-3.8	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	123	1/4"	TU	1	460	485	NE quad	13	IV	B2	3.55-3.8	10	3.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	124	1/4"	TU	1	460	485	SE quad	13	IV	B2	3.55-3.8	2	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	124	1/4"	TU	1	460	485	SE quad	13	IV	B2	3.55-3.8	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	124	1/4"	TU	1	460	485	SE quad	13	IV	B2	3.55-3.8	4	1.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	124	1/4"	TU	1	460	485	SE quad	13	IV	B2	3.55-3.8	2	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	125	1/4"	TU	1	460	485	NE quad	14	IV	B2	3.8-4.05	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	126	1/4"	TU	1	460	485	SE quad	14	IV	B2	3.8-4.05	2	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	126	1/4"	TU	1	460	485	SE quad	14	IV	B2	3.8-4.05	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	126	1/4"	TU	1	460	485	SE quad	14	IV	B2	3.8-4.05	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white, yellowish brown	milky		
18MO749	127	1/4"	TU	1	460	485	SE quad	15	IV	B2	4.05-4.3	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	128	1/4"	TU	1	460	485	SE quad	16	IV	B2	4.3-4.55	2	0.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	129	1/4"	TU	1	460	485			wall			7	4.3	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	129	1/4"	TU	1	460	485			wall			1	4.2	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	eroded	
18MO749	129	1/4"	TU	1	460	485			wall			2	5.2	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	plain		
18MO749	129	1/4"	TU	1	460	485			wall			1	1.3	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked		
18MO749	129	1/4"	TU	1	460	485			wall			2	4.0	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	unid. eroded		
18MO749	129	1/4"	TU	1	460	485			wall			1	2.9	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	eroded		
18MO749	129	1/4"	TU	1	460	485			wall			3	0.7	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	129	1/4"	TU	1	460	485			wall			2	8.9	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	129	1/4"	TU	1	460	485			wall			3	7.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	129	1/4"	TU	1	460	485			wall			1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, red	grainy		
18MO749	129	1/4"	TU	1	460	485			wall			2	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	129	1/4"	TU	1	460	485			wall			5	1.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	129	1/4"	TU	1	460	485			wall			5	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	129	1/4"	TU	1	460	485			wall			1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white, brownish gray			
18MO749	129	1/4"	TU	1	460	485			wall			1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brownish gray			
18MO749	129	1/4"	TU	1	460	485			wall			1	6.5		lithic	debitage	secondary	shatter	quartz	yellowish white			
18MO749	130	1/4"	TU	1	460	489.6	1	A	IV	B2	3.05	1	207.4	>5	lithic	tool	complete	small grinding stone	quartzite	gray			may have been used as a pigment a
18MO749	131	1/4"	TU	1	460.9	489.8	1	A	IV	B2	3.19	1	1.5		lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	1	3.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	3	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	5	1.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brownish gray			
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	1	1.1		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	2	1.3	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	135	1/4"	TU	2	475	450		2	II	B1	0.1-0.4	1	3.7	2-4	ceramic	sherd	body	Potomac Creek	micaceous sand	crushed quartz	incised	herringbone/slashes	or Moyaone
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	gray	aphyric		
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	3	2.4	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	8	12.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	12	6.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellow	grainy		
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, red	milky		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	5	1.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	8	0.8	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	2	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray brown			
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red, white			
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	5	3.2	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	1	8.0	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	medium sand	cordmarked	eroded	
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	1	2.6	2-4	ceramic	sherd	body	Mockley	n/a	shell (leached)	eroded		prob fabric impressed
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	1	4.8	2-4	ceramic	sherd	body	Accokeek	micaceous sand	medium sand	eroded	eroded	
18MO749	136	1/4"	TU	2	475	450		3	II	B1	0.4-0.7	2	2.3	2-4	ceramic	sherd	body	unclassified sherd	n/a	crushed quartz	spalled		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	31	18.0	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	2	0.3	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	gray	aphyric		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	0.6	1-2	lithic	debitage	tertiary	flake, fragment	jasper	brownish yellow	opaque		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	2	1.1	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	2	2.6	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brpwn			
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	4	1.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray, yellow brown, red			
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	brown			
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	14.9	4-5	lithic	debitage	tertiary	core, fragment	quartzite	gray			amorphous
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	3	25.8	2-4	ceramic	sherd	body	Potomac Creek	micaceous sand	crushed quartz	cordmarked	eroded	
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	5	9.9	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine to medium sand	eroded		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	2	5.0	2-4	ceramic	sherd	body	Mockley	micaceous sand	crushed quartz	eroded		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	2	5.0	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	eroded		with quartz sand, likely Townsend
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	3.0	2-3	lithic	tool	tertiary	retouched flake, complete	quartz	white	grainy		unifacial retouch along distal marg
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	4	1.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	7	0.7	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	4	9.5	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	1	1.3	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	31	14.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	33	3.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	137	1/4"	TU	2	475	450		4	II	B1	0.7-1.0	2	12.3		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	2.8	2-3	lithic	debitage	primary	flake, complete	quartzite	red			
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	gray	aphyric		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	1.4	1-2	lithic	debitage	tertiary	flake, complete	quartzite	gray			
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartzite	white			
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	2.4	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white, yellowish brown			
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	2	0.8	1-2	lithic	debitage	primary	flake, fragment	quartzite	red			
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	1.4	1-2	lithic	tool	fragment	biface fragment	quartz	white	grainy		biconvex x-section, distal fragmen
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	2	2.1	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	4	7.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	1.5	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	5	2.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	21	10.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	0.6	1-2	lithic	debitage	primary	flake, fragment	quartz	white	grainy		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	33	3.2	<1	lithic	debitage	primary	flake, fragment	quartz	white	grainy		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	2	5.5	2-4	ceramic	sherd	body	Accokeek	micaceous sand	fine sand	eroded		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	2	7.4	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	3.8	2-4	ceramic	sherd	rim	Potomac Creek	micaceous sand	crushed quartz	eroded		
18MO749	138	1/4"	TU	2	475	450	NW quad	5	II	B1	1.0-1.25	1	5.2	2-4	ceramic	sherd	rim	Potomac Creek	n/a	coarse sand	cordmarked	vertical	
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	16	7.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	1.4	2-4	ceramic	sherd	body	Mockley	n/a	shell (leached)	cordmarked		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	1.4	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	2	1.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	1.3	1-2	lithic	tool	fragment	biface fragment	quartzite	gray	grainy		biconvex x-section, pos base of co

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	2.3	3-4	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	0.9	2-3	lithic	debitage	secondary	flake, fragment	quartzite	red, yellowish brown			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellow brown			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white, yellow brown			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	2	1.5	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray, yellow brown			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	white			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	12.1	>5	lithic	debitage	primary	bipolar flake, complete	argillite	reddish brown			
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	5.7	3-4	lithic	tool	secondary	thumbnail scraper	quartz	white	grainy		steep unifacial retouch on distal m
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	1.5	2-3	lithic	tool	fragment	biface fragment	quartz	white	grainy		biconvex x-section, basal fragment
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	1.6	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	1.3	2-3	lithic	debitage	secondary	flake, complete	quartz	white	grainy		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	1	1.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	milky		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	5	12.3	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	12	4.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	3	1.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	23	1.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	139	1/4"	TU	2	475	450	NE quad	5	II	B1	1.0-1.25	2	5.3		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	20	13.5	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	3.0	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	intersecting	
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	3.9	2-4	ceramic	sherd	body	Shepard	n/a	crushed igneous rock	cordmarked	eroded	
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	2.0	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	shell (leached)	eroded		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	2	4.3	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	crushed quartz	eroded		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	gray	aphyric		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartzite	yellowish brown			
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	21.8	4-5	lithic	debitage	fragment	core, fragment	quartz	white	grainy		amorphous
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	2	14.0	2-3	lithic	tool	tertiary	retouched flake, complete	quartz	white	grainy		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	3	1.8	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	2	0.2	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	8.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	1	2.9	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	milky		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	4	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	30	12.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	21	1.9	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	140	1/4"	TU	2	475	450	SE quad	5	II	B1	1.0-1.25	4	21.0		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	15	8.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	1	1.8	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	coarse sand	unid. eroded		
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	2	5.5	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	shell (leached)	unid. eroded		
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	1	5.2	3-4	lithic	tool	tertiary	retouched flake, complete	quartz	white	grainy		unifacial retouch on one lateral ma
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	4	1.3	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartzite	red	grainy		
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	27	7.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	5	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	argillite	gray			
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	1	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	1	1.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white			
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	2	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	141	1/4"	TU	2	475	450	SW quad	5	II	B1	1.0-1.25	2	18.5		lithic	FCR	fragment	fire cracked rock	quartzite	gray, red			
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	17	12.9	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	2	4.5	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	crushed quartz	eroded		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	4	7.4	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	1	1.8	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	4	8.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white, gray	grainy		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	2	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	20	8.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	27	1.8	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	1	5.8		lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	2	3.9		lithic	debitage	secondary	shatter	argillite	reddish brown			
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	1	6.8	3-4	lithic	tool	tertiary	retouched flake, complete	quartz	white	grainy		unifacial retouch on one lateral ma
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	1	9.1	4-5	lithic	tool	fragment	biface, early stage	quartz	white	grainy		tool shatter
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	1	3.6	2-3	lithic	tool	fragment	biface, late stage	quartz	white	grainy		prob used as an end scraper
18MO749	142	1/4"	TU	2	475	450	NW quad	6	III	Ab	1.25-1.5	1	9.4	4-5	lithic	tool	partial	ppk, unclassified stemmed	quartz	white	grainy		biconvex x-section, missing distal portion. Arched dorsal line. Straight blade margins. 42.5mm long*, 20.3mm wide, 9.7mm thick. Stem 13.8mm long, 16.3mm wide, and 15.6mm neck. Similar to Bare Island, but not well made
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	19	8.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	2.6	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	plain		almost a slip on ext and int
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	2.1	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked		
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	3.9		historic	metal	shank	nail, wrought	iron alloy		architecture		
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	1.9	2-3	lithic	debitage	tertiary	flake, complete	quartzite	yellowish brown			
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	0.7	1-2	lithic	debitage	tertiary	flake, complete	quartzite	grayish brown			
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartzite	yellowish brown			
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	3	1.0	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	2	0.2	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	1	1.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	32	16.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	143	1/4"	TU	2	475	450	NE quad	6	III	Ab	1.25-1.5	17	2.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	175.1		lithic	FCR	fragment	fire cracked rock	gneiss/schist	gray, red			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	0.1		faunal	bone	fragment	tooth enamel					
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	0.1		faunal	bone	fragment	calcined bone					
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	28	13.0	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	5.3	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	zig-zags	
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	5	13.4	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	coarse sand with some quartz	eroded		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	2	4.8	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	0.6	2-3	lithic	debitage	tertiary	flake, complete	quartzite	yellowish brown			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	2	0.3	1-2	lithic	debitage	tertiary	flake, complete	quartzite	yellowish brown			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	1.7	3-4	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	2.4	3-4	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	2	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	3.2	4-5	lithic	tool	partial	ppk, Levanna	quartz	white	streaked		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	2.5	2-3	lithic	tool	partial	biface, late stage	quartz	white	grainy		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	5.8	3-4	lithic	tool	tertiary	retouched flake, complete	quartz	white	grainy		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	1.4	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	2	1.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	2.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	2	3.0	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	8	3.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	0.3	1-2	lithic	debitage	primary	flake, fragment	quartzite	red			
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	22	9.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	24	2.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	2	5.7		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	144	1/4"	TU	2	475	450	SE quad	6	III	Ab	1.25-1.5	1	3.3		lithic	FCR	fragment	fire cracked rock	quartzite	white			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	1.2	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	unid.	
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	9	5.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	2	11.5	2-4	ceramic	sherd	body	Potomac Creek	micaceous sand	coarse sand with some quartz	eroded		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	3	8.8	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	9.4	4-6	ceramic	sherd	rim	Potomac Creek	micaceous sand	crushed quartz	unid. eroded		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	1.1	1-2	lithic	debitage	primary	flake, complete	quartzite	yellowish brown			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	0.1	1-2	lithic	debitage	primary	flake, complete	chert	black			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	0.2	<1	lithic	debitage	tertiary	flake, complete	quartzite	yellowish brown			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	3.3	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	1.3	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	2	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	2	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	2	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	5.2	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	2	2.5	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	2	3.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	2	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	10		1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellowish brown	grainy		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	13	5.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	29	3.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	11.8		lithic	debitage	secondary	shatter	argillite	reddish brown			
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	1	11.7	4-6	ceramic	sherd	rim	Rappahannock	n/a	shell (leached)	incised	horizontal lines with dashed vertical elements	
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	1	3.0	2-4	ceramic	sherd	rim	Accokeek	n/a	medium sand	cordmarked	eroded	
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	4	4.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	1	3.1	2-4	ceramic	sherd	body	Accokeek	micaceous sand	medium sand with some quartz	eroded		
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	1	2.4	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	medium sand	eroded		
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	1	2.7	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	1	1.2	2-3	lithic	debitage	primary	flake, complete	quartzite	yellowish brown			
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartzite	red			
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	2	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	5	2.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	146	1/4"	TU	2	475	450	NW quad	7	IV	B2	1.5-1.75	6	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	3.5		lithic	debitage	secondary	shatter	quartz	white	grainy		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	2	0.2		faunal	bone	fragment	calcined bone					
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	4.2	2-4	ceramic	sherd	rim	Rappahannock	n/a	shell (leached)	cord wrapped stick		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	2	7.9	2-4	ceramic	sherd	body	Accokeek	micaceous sand	medium sand	cordmarked		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	2	4.2	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	5	3.3	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	2	0.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	1.8	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	greenish gray			
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	1.7	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	light brown			
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	1.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brown			
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	argillite	gray			
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	3	1.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, brown	grainy		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	1.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, red	grainy		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	7	2.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white, gray	grainy		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white, red	milky		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	7	0.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	147	1/4"	TU	2	475	450	NE quad	7	IV	B2	1.5-1.75	1	51.4		lithic	FCR	fragment	fire cracked rock	quartzite	light brown			
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	0.1		faunal	bone	fragment	calcined bone					
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	4.1	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	zig-zags	
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	8	5.9	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	2	3.6	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	coarse sand	unid. eroded		
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	1.5	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	9.5	4-6	ceramic	sherd	body	Potomac Creek	n/a	coarse sand	cordmarked	fine, closely spaced	
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	0.1	1-2	lithic	debitage	tertiary	flake, complete	quartzite	gray			
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	0.7	1-2	lithic	debitage	tertiary	flake, complete	quartzite	reddish brown			
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartzite	yellowish brown			

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	2	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	10	8.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	0.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	17	2.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	2	85.5		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown			
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	3.4	3-4	lithic	tool	tertiary	retouched flake, complete	quartz	white	grainy		alternating unifacial retouch along lateral and distal margins.
18MO749	148	1/4"	TU	2	475	450	SW quad	7	IV	B2	1.5-1.75	1	3.3	2-3	lithic	tool	fragment	biface, unid.	quartz	white	grainy		biconvex x-section, basal portion.
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	7	0.8		faunal	bone	fragment	calcined bone					
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	2.2	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	unid.	
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	2.1	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	16	10.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	20.6	4-6	ceramic	sherd	body	Accokeek	micaceous sand	coarse sand	cordmarked	eroded	
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	2.1	2-4	ceramic	sherd	body	Accokeek	micaceous sand	coarse sand with some quartz	cordmarked	eroded	
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	3.3	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	2	0.3	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	4	0.5	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	4	7.3	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	2	4.5	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	2.3	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	1.4	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	dark gray			
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	22	9.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	149	1/4"	TU	2	475	450	SE quad	7	IV	B2	1.5-1.75	8	0.8	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	468.6		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	0.4	1-2	faunal	bone	fragment	calcined bone					
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	0.1	<1	faunal	bone	fragment	calcined bone					
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	0.2	1-2	lithic	debitage	secondary	flake, fragment	quartzite	yellowish brown			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	2.0	2-3	lithic	debitage	primary	flake, fragment	quartzite	reddish brown			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	32.0	4-5	lithic	debitage	primary	flake, fragment	quartz	white, yellowish brown			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	0.6	1-2	lithic	debitage	secondary	shatter	quartz	white, red			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	4	1.9	1-2	lithic	debitage	tertiary	shatter	quartz	white			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	9	3.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	13	1.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white			
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	3.9		historic	metal	shank	nail, wrought	iron alloy		architecture		
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	2	1.6		historic	glass	complete	linked button insets		colorless	clothing		clear oval, trimmed edges
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	2.5	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	lines and dashes	
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	1	2.6	2-4	ceramic	sherd	body	Potomac Creek	n/a	coarse sand with some quartz	cordmarked	fine, closely spaced	
18MO749	150	1/4"	TU	2	475	450	NW quad	8	IV	B2	1.75-2.0	8	9.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	2	0.1	<1	faunal	bone	fragment	calcined bone					
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	2	28.4		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown			
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	50.7		lithic	FCR	fragment	fire cracked rock	quartzite	yellowish brown			
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	1.5	2-3	lithic	debitage	tertiary	flake, fragment	quartz	red, white	streaked		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brownish gray			
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	2	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	jasper	brownish yellow			
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	0.7	1-2	lithic	tool	fragment	biface fragment	quartz	milky			pos ppk stem
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	5.9	3-4	lithic	tool	secondary	retouched flake, complete	quartz	white	grainy		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	7.7	3-4	lithic	debitage	primary	flake, fragment	quartz	white	grainy		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	5	4.4	1-2	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	2	1.3	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	28	2.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	0.7	1-2	lithic	tool	fragment		quartz	white	milky		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	8	3.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	1.1	2-3	lithic	debitage	secondary	flake, fragment	quartz	white, reddish brown	grainy		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	11	6.3	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	1.7	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	4.9	2-4	ceramic	sherd	body	Potomac Creek	n/a	coarse sand with quartz	cordmarked	fine, closely spaced	
18MO749	151	1/4"	TU	2	475	450	NE quad	8	IV	B2	1.75-2.0	1	6.6	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	fabric impressed		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	10.2	4-5	faunal	bone	fragment	cortical bone					
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	3	0.4	<1	faunal	bone	fragment	calcined bone					
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	14.3		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown	quartz porphyritic		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	70.7		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown	quartz porphyritic		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray, yellowish brown	quartz porphyritic		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	2	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown	aphyric		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	chert	weathered gray			
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	jasper	brownish yellow			
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	1.7	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	3	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	8	3.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	14	1.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	0.2	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	1.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white, gray	milky		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	2	0.4	<1	lithic	debitage	tertiary	shatter	quartz	white, red	milky		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	2	3.8	1-2	lithic	debitage	tertiary	shatter	quartz	white, red	milky		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	2.2	2-3	lithic	debitage	secondary	shatter	quartz	white, red	milky		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	13	6.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	3.7	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	incised	unid.	
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	2	8.9	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine sand	fabric impressed		
18MO749	152	1/4"	TU	2	475	450	SW quad	8	IV	B2	1.75-2.0	1	2.2	2-4	ceramic	sherd	body	Accokeek	micaceous sand	fine to medium sand	cordmarked		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	12	1.2	<1	faunal	bone	fragment	calcined bone					
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red	aphyric		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	2.0	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown	aphyric		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	2.1	2-3	lithic	debitage	secondary	flake, fragment	quartzite	reddish brown	aphyric		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	22.4	4-5	lithic	debitage	secondary	flake, fragment	quartzite	yellowish brown	aphyric		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	4.7	3-4	lithic	debitage	secondary	shatter	quartz	white, brown	milky		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	1.3	1-2	lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	3	1.3	<1	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	1.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	2.3	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	11	4.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	1.3	1-2	lithic	debitage	secondary	flake, complete	quartz	white	streaked		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	2	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	8	0.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	3	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	1	0.8	1-2	lithic	tool	complete	graver	quartz	white	grainy		
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	12	6.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	153	1/4"	TU	2	475	450	SE quad	8	IV	B2	1.75-2.0	2	8.1	2-4	ceramic	sherd	body	Mockley	micaceous sand	shell (leached)	cordwrapped stick		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	5	0.4	<1	faunal	bone	fragment	calcined bone					
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	1	72.9	>5	lithic	debitage	secondary	bipolar core	quartzite	yellowish brown, reddish brow	quartz porphyritic		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	1	4.4	2-3	lithic	tool	fragment	graver	quartz	white	milky		pos graver one distal end
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	3	6.8	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	1	3.0	2-3	lithic	debitage	secondary	flake, fragment	quartz	white, gray	milky		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	1	2.5	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	1	0.4	1-2	lithic	debitage	tertiary	flake, complete	crystal quartz	clear			
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	3	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	2	1.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	4	3.2	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, red	grainy		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	16	1.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	1	0.2		historic	metal	complete	linked button link	copper alloy		clothing		quatrefoil link
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	1	2.0	2-4	ceramic	sherd	rim	unclassified sherd	n/a	shell (leached)	spalled		
18MO749	154	1/4"	TU	2	475	450	NW quad	9	IV	B2	2.0-2.25	2	2.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	4	0.3	<1	faunal	bone	fragment	calcined bone					
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	42.5		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown, light brown, gr	quartz porphyritic		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown	aphyric		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	chert	dark gray, weathered gray			

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	2	1.6	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, reddish brown	milky		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	2.5	2-3	lithic	debitage	secondary	flake, fragment	quartz	white, reddish brown	milky		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	4	1.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	1.5	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	milky		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	4	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	4	2.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	1.2	1-2	lithic	debitage	tertiary	shatter	quartz	white	streaked		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	2.0	2-3	lithic	tool	fragment	biface, unid.	quartz	white	grainy		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	2	1.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	3	12.8	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	shell (leached)	cordmarked	cord wrapped stick	
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	1	1.7	2-4	ceramic	sherd	body	Accokeek	micaceous sand	coarse sand	cordmarked	fine, closely spaced	
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	2	6.5	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	shell (leached)	eroded		
18MO749	155	1/4"	TU	2	475	450	NE quad	9	IV	B2	2.0-2.25	2	3.6	2-4	ceramic	sherd	body	Mockley	n/a	shell (leached)	cord wrapped stick		
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	1	170.8		lithic	FCR	fragment	fire cracked rock	quartzite	reddish brown	quartz porphyritic		
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	2	0.1	<1	faunal	bone	fragment	calcined bone					
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	2	0.8	1-2	faunal	bone	fragment	calcined bone					
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	4	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	3	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	1	5.2	3-4	lithic	tool	secondary	retouched flake, complete	quartz	white	grainy		
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	4	1.2	1-2	lithic	debitage	secondary	shatter	quartz	white, red	milky		
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown	aphyric		
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	6	2.9	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	1	2.1	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	cord wrapped stick		
18MO749	156	1/4"	TU	2	475	450	SW quad	9	IV	B2	2.0-2.25	1	2.1	2-4	ceramic	sherd	body	Accokeek	n/a	medium sand	eroded		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	1	0.2	1-2	faunal	bone	fragment	calcined bone					
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	3	0.1	<1	faunal	bone	fragment	calcined bone					
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	1	0.1	<1	lithic	debitage	secondary	shatter	quartz	white, yellowish brown	milky		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	1	1.2	1-2	lithic	debitage	secondary	shatter	quartz	white, brown, yellow	milky		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	3	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	2	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	3	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	1	0.7	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	milky		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	1	1.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	1	3.8	2-4	ceramic	sherd	body	Shepard	n/a	crushed igneous rock	cordmarked		
18MO749	157	1/4"	TU	2	475	450	SE quad	9	IV	B2	2.0-2.25	1	1.4	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	medium sand	eroded		
18MO749	158	1/4"	TU	2	475	450	NW quad	10	IV	B2	2.25-2.5	2	0.2		faunal	bone	fragment	calcined bone					
18MO749	158	1/4"	TU	2	475	450	NW quad	10	IV	B2	2.25-2.5	5	1.0	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	158	1/4"	TU	2	475	450	NW quad	10	IV	B2	2.25-2.5	1	0.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	158	1/4"	TU	2	475	450	NW quad	10	IV	B2	2.25-2.5	20	5.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	158	1/4"	TU	2	475	450	NW quad	10	IV	B2	2.25-2.5	2	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	158	1/4"	TU	2	475	450	NW quad	10	IV	B2	2.25-2.5	1	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	pink			
18MO749	159	1/4"	TU	2	475	450	NE quad	10	IV	B2	2.25-2.5	4	0.4		faunal	bone	fragment	calcined bone					
18MO749	159	1/4"	TU	2	475	450	NE quad	10	IV	B2	2.25-2.5	2	1.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	159	1/4"	TU	2	475	450	NE quad	10	IV	B2	2.25-2.5	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	159	1/4"	TU	2	475	450	NE quad	10	IV	B2	2.25-2.5	1	5.4	2-3	lithic	tool	fragment	biface fragment	quartz	white	grainy		prob used as endscraper
18MO749	159	1/4"	TU	2	475	450	NE quad	10	IV	B2	2.25-2.5	2	2.9	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	159	1/4"	TU	2	475	450	NE quad	10	IV	B2	2.25-2.5	15	4.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	159	1/4"	TU	2	475	450	NE quad	10	IV	B2	2.25-2.5	12	1.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	160	1/4"	TU	2	475	450	SW quad	10	IV	B2	2.25-2.5	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	160	1/4"	TU	2	475	450	SW quad	10	IV	B2	2.25-2.5	3	0.1	<1	lithic	debitage	tertiary	flake, fragment	crystal quartz	clear			
18MO749	160	1/4"	TU	2	475	450	SW quad	10	IV	B2	2.25-2.5	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	160	1/4"	TU	2	475	450	SW quad	10	IV	B2	2.25-2.5	3	1.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	160	1/4"	TU	2	475	450	SW quad	10	IV	B2	2.25-2.5	1	1.0	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	160	1/4"	TU	2	475	450	SW quad	10	IV	B2	2.25-2.5	1	6.3	3-4	lithic	debitage	primary	flake, fragment	quartz	white	milky		
18MO749	160	1/4"	TU	2	475	450	SW quad	10	IV	B2	2.25-2.5	1	3.8	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	fine sand with voids	cordmarked	fine, closely spaced	
18MO749	161	1/4"	TU	2	475	450	SE quad	10	IV	B2	2.25-2.5	1	0.1	<1	faunal	bone	fragment	calcined bone					
18MO749	161	1/4"	TU	2	475	450	SE quad	10	IV	B2	2.25-2.5	5	1.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	161	1/4"	TU	2	475	450	SE quad	10	IV	B2	2.25-2.5	1	0.1	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, dark gray	streaked		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	161	1/4"	TU	2	475	450	SE quad	10	IV	B2	2.25-2.5	3	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	161	1/4"	TU	2	475	450	SE quad	10	IV	B2	2.25-2.5	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	161	1/4"	TU	2	475	450	SE quad	10	IV	B2	2.25-2.5	1	0.3	<1	lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	161	1/4"	TU	2	475	450	SE quad	10	IV	B2	2.25-2.5	1	2.0	2-4	ceramic	sherd	body	unclassified sherd	n/a	coarse sand	eroded		
18MO749	161	1/4"	TU	2	475	450	SE quad	10	IV	B2	2.25-2.5	1	0.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	162	1/4"	TU	2	475	450	NW quad	11	IV	B2	2.5-2.75	8	0.6	<1	faunal	bone	fragment	calcined bone					
18MO749	162	1/4"	TU	2	475	450	NW quad	11	IV	B2	2.5-2.75	1	0.3	<1	lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	162	1/4"	TU	2	475	450	NW quad	11	IV	B2	2.5-2.75	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	162	1/4"	TU	2	475	450	NW quad	11	IV	B2	2.5-2.75	3	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	162	1/4"	TU	2	475	450	NW quad	11	IV	B2	2.5-2.75	1	0.4	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	162	1/4"	TU	2	475	450	NW quad	11	IV	B2	2.5-2.75	2	1.3	1-2	lithic	debitage	tertiary	shatter	quartz	white, brown	grainy		
18MO749	163	1/4"	TU	2	475	450	NE quad	11	IV	B2	2.5-2.75	1	0.2	1-2	faunal	bone	fragment	calcined bone					
18MO749	163	1/4"	TU	2	475	450	NE quad	11	IV	B2	2.5-2.75	1	0.6	1-2	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	163	1/4"	TU	2	475	450	NE quad	11	IV	B2	2.5-2.75	1	0.8	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	milky		
18MO749	163	1/4"	TU	2	475	450	NE quad	11	IV	B2	2.5-2.75	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	163	1/4"	TU	2	475	450	NE quad	11	IV	B2	2.5-2.75	4	1.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	163	1/4"	TU	2	475	450	NE quad	11	IV	B2	2.5-2.75	3	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	163	1/4"	TU	2	475	450	NE quad	11	IV	B2	2.5-2.75	4	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	164	1/4"	TU	2	475	450	SW quad	11	IV	B2	2.5-2.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	164	1/4"	TU	2	475	450	SW quad	11	IV	B2	2.5-2.75	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	164	1/4"	TU	2	475	450	SW quad	11	IV	B2	2.5-2.75	1	0.3	1-2	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	165	1/4"	TU	2	475	450	NW quad	12	V	B3	2.75-3.0	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	165	1/4"	TU	2	475	450	NW quad	12	V	B3	2.75-3.0	2	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	165	1/4"	TU	2	475	450	NW quad	12	V	B3	2.75-3.0	1	1.1	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	milky		
18MO749	165	1/4"	TU	2	475	450	NW quad	12	V	B3	2.75-3.0	1	2.4	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	milky		
18MO749	165	1/4"	TU	2	475	450	NW quad	12	V	B3	2.75-3.0	1	0.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	166	1/4"	TU	2	475	450	NE quad	12	V	B3	2.75-3.0	2	0.4	<1	faunal	bone	fragment	calcined bone					
18MO749	166	1/4"	TU	2	475	450	NE quad	12	V	B3	2.75-3.0	4	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	167	1/4"	TU	2	475	450	SW quad	12	V	B3	2.75-3.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	168	1/4"	TU	2	475	450	NW quad	13	V	B3	3.0-3.25	1	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	169	1/4"	TU	2	475	450	NE quad	13	V	B3	3.0-3.25	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	170	1/4"	TU	2	475	450	SW quad	13	V	B3	3.0-3.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	171	1/4"	TU	2	475	450	SE quad	13	V	B3	3.0-3.25	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white			
18MO749	172	1/4"	TU	2	475	450	SE quad	15	V	B3	3.5-3.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	172	1/4"	TU	2	475	450	SE quad	15	V	B3	3.5-3.75	1	1.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	173	1/4"	TU	2	475	450	NW quad	16	V	B3	3.75-4.0	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	174	1/4"	TU	2	475	450	NE quad	16	V	B3	3.75-4.0	1	0.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	175	1/4"	TU	2	475	450	SW quad	16	V	B3	3.75-4.0	1	53.2	8-10	ceramic	sherd	body	Popes Creek	n/a	medium coarse sand	net impressed		interior with carbon deposits
18MO749	175	1/4"	TU	2	475	450	SW quad	16	V	B3	3.75-4.0	3	63.3	4-6	ceramic	sherd	body	Popes Creek	n/a	medium coarse sand	net impressed		interior with carbon deposits
18MO749	175	1/4"	TU	2	475	450	SW quad	16	V	B3	3.75-4.0	1	8.8	2-4	ceramic	sherd	body	Popes Creek	n/a	medium coarse sand	net impressed		interior with carbon deposits
18MO749	175	1/4"	TU	2	475	450	SW quad	16	V	B3	3.75-4.0	3	21.3	2-4	ceramic	sherd	body	Popes Creek	n/a	coarse sand	net impressed		
18MO749	175	1/4"	TU	2	475	450	SW quad	16	V	B3	3.75-4.0	2	1.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	176	1/4"	TU	2	475	450	SE quad	16	V	B3	3.75-4.0	1	1.6	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine sand	eroded		
18MO749	177	1/4"	TU	2	475	450	NE quad	17	V	B3	4.0-4.25	1	13.8	4-6	ceramic	sherd	body	Popes Creek	n/a	medium coarse sand	net impressed	eroded	
18MO749	177	1/4"	TU	2	475	450	NE quad	17	V	B3	4.0-4.25	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	177	1/4"	TU	2	475	450	NE quad	17	V	B3	4.0-4.25	1	0.1	1-2	lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	178	1/4"	TU	2	475	450	SW quad	17	V	B3	4.0-4.25	1	1.3	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	179	1/4"	TU	2	475	450	SE quad	17	V	B3	4.0-4.25	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	179	1/4"	TU	2	475	450	SE quad	17	V	B3	4.0-4.25	1	3.2	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		prob Mockley
18MO749	179	1/4"	TU	2	475	450	SE quad	17	V	B3	4.0-4.25	1	3.6	2-4	ceramic	sherd	body	unclassified sherd	n/a	coarse sand	eroded		
18MO749	179	1/4"	TU	2	475	450	SE quad	17	V	B3	4.0-4.25	2	31.0	4-6	ceramic	sherd	body	Popes Creek	n/a	coarse sand	net impressed	eroded	
18MO749	180	1/4"	TU	2	475	450	NE quad	18	V	B3	4.25-4.5	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	180	1/4"	TU	2	475	450	NE quad	18	V	B3	4.25-4.5	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	181	1/4"	TU	2	475	450	NW quad	19	VI	B5	4.5-4.75	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	182	1/4"	TU	2	475	450	NW quad	20	VII	B6	4.75-5.0	1	1.7	2-3	lithic	debitage	tertiary	flake, complete	quartzite	reddish brown			
18MO749	183	1/4"	TU	2	475	450	SW quad	20	VII	B6	4.75-5.0	1	1.3	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, red			
18MO749	183	1/4"	TU	2	475	450	SW quad	20	VII	B6	4.75-5.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	chert	black			
18MO749	184	1/4"	TU	2	475	450	SE quad	20	VII	B6	4.75-5.0	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	chert	black			
18MO749	185	1/4"	TU	3	435	555		2	II	B1	0.2-0.7	2	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	3	2.4	1-2	lithic	debitage	secondary	shatter	quartz	white	milky		
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	3	0.7	1-2	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	3	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	11	3.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	3	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	1	3.1	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	jasper	yellowish brown			
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	2	0.7	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	186	1/4"	TU	3	435	555		3	II	B1	0.7-1.2	1	253.5	>5	lithic	tool	complete	hammerstone	quartzite	reddish brown			pecking and pitting on dorsal and v
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	7	5.9	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	2.6	2-4	ceramic	sherd	body	Accokeek	micaceous sand	coarse sand with some quartz	cordmarked	fine, closely spaced	
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	2	6.6	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	n/a	
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	3.0	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine sand	eroded	n/a	
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	1.5	2-4	ceramic	sherd	rim	Rappahannock	n/a	shell (leached)	incised	lines and dashes	
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	<1		faunal	bone	fragment	calcined bone					
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	quartz porphyritic		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	0.6	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	dark gray	quartz porphyritic		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	18.9	>5	lithic	debitage	secondary	flake, complete	quartzite	gray			
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	light brownnish white			
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	2	3.0	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	grayish brown			
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	2	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red, brown			
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	light brown	quartz porphyritic		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	0.9	1-2	lithic	debitage	secondary	flake, fragment	quartzite	brown			
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	900.0	>5	lithic	tool	fragment	anvil/hammerstone	quartzite	reddish brown			pitting on surface
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	7.2	2-3	lithic	debitage	secondary	shatter	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	2.3	2-3	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	6.0	3-4	lithic	tool	fragment	biface fragment	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	7.3	2-3	lithic	debitage	secondary	shatter	quartz	white	milky		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	1.5	2-3	lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	13.8	>5	lithic	debitage	secondary	flake, complete	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	3.0	2-3	lithic	tool	complete	scraper	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	2	0.9	1-2	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	3	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white, brown	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	2.9	3-4	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	20	2.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	15	8.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	2	2.0	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	14	1.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	16	9.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	crystal quartz	clear			
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	3	2.4	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	streaked		
18MO749	187	1/4"	TU	3	435	555		4	II	B1	1.2-1.5	3	5.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	jasper	yellow, red			
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	1	1.8	1-2	lithic	debitage	primary	flake, fragment	quartzite	red, brown			
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	1	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white, brownish gray			
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	1	4.5		lithic	FCR	fragment	fire cracked rock	quartz	red, white			
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	1	1.2	1-2	lithic	debitage	secondary	shatter	quartz	white, red	grainy		
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	2	4.4	2-3	lithic	debitage	secondary	shatter	quartz	white, gray	grainy		
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	4	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	6	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	1	0.5	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	4	1.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	1	1.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	188	1/4"	TU	3	435	555	NW quad	5	III	B3	1.5-1.75	2	3.5	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	streaked		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	3	5.8	2-4	ceramic	sherd	body	Accokeek	n/a	crushed quartz	eroded		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	1	3.5	2-4	ceramic	sherd	rim	Rappahannock	n/a	shell (leached)	incised	vertical lines	
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	light brown			
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	1	1.0	1-2	lithic	debitage	secondary	shatter	quartz	white	milky		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	1	0.3	<1	lithic	debitage	secondary	shatter	quartz	white	grainy		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	1	2.2	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	5	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	8	3.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	1	12.0	3-4	lithic	tool	tertiary	scraper	quartz	white	grainy		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	1	0.8	1-2	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	4	0.4	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	2	2.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	2	2.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white, yellow	grainy		
18MO749	189	1/4"	TU	3	435	555	NE quad	5	III	B3	1.5-1.75	1	0.6	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	0.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	4.8	2-4	ceramic	sherd	body	Potomac Creek	n/a	coarse sand with some quartz	cordmarked	fine, closely spaced	
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	9.2	>5	lithic	debitage	primary	flake, fragment	quartzite	reddish brown			
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	0.3	1-2	lithic	debitage	secondary	flake, fragment	quartzite	reddish brown			
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	0.6	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray, dark gray	aphyric		
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	1.4	1-2	lithic	debitage	tertiary	shatter	quartz	white, yellow	grainy		
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	2	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellow	grainy		
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	0.4	1-2	lithic	debitage	secondary	flake, fragment	quartz	white, yellow	grainy		
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	5	1.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	0.6	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	streaked		
18MO749	190	1/4"	TU	3	435	555	SW quad	5	III	B3	1.5-1.75	1	0.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	191	1/4"	TU	3	435	555	SE quad	5	III	B3	1.5-1.75	1	0.9	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	191	1/4"	TU	3	435	555	SE quad	5	III	B3	1.5-1.75	1	1.6	2-3	lithic	debitage	secondary	flake, fragment	quartzite	yellow			
18MO749	191	1/4"	TU	3	435	555	SE quad	5	III	B3	1.5-1.75	6	0.6	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	191	1/4"	TU	3	435	555	SE quad	5	III	B3	1.5-1.75	3	1.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	191	1/4"	TU	3	435	555	SE quad	5	III	B3	1.5-1.75	3	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	2	0.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	2	7.9	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	coarse sand with some quartz	cordmarked	fine, closely spaced	
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	1	2.7	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	brownish gray			
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	1	8.4	3-4	lithic	tool	secondary	retouched flake, fragment	quartz	white	grainy		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	2	2.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	4	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellow	milky		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	1	1.9	2-3	lithic	debitage	secondary	shatter	quartz	white, yellow	grainy		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	14	4.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	2	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, red	grainy		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white, red	grainy		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	8	0.8	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	192	1/4"	TU	3	435	555	NW quad	6	III	B3	1.75-2.0	1	8.9	2-3	lithic	debitage	secondary	core fragment	quartz	brown, white			
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray, blue	aphyric		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	1	2.0	2-3	lithic	debitage	tertiary	flake, complete	rhyolite	gray, blue	aphyric		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	1	15.7	4-5	lithic	tool	tertiary	biface, mid stage	quartz	white	grainy		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	2	10.4	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	2	4.3	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, red	milky		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	4	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellow	milky		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	1	0.5	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	7	1.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	193	1/4"	TU	3	435	555	NE quad	6	III	B3	1.75-2.0	6	0.6	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	1	3.5	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked		
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	1	0.8	2-3	lithic	debitage	secondary	flake, fragment	quartzite	red, gray			
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	1	12.2	4-5	lithic	tool	tertiary	graver	jasper	reddish brown			bifacially retouched tip. Worn/poli
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	2	1.4	1-2	lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	3	1.1	1-2	lithic	debitage	tertiary	flake, fragment	crystal quartz	clear			
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	7	2.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, yellow	grainy		
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	4	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	5	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	194	1/4"	TU	3	435	555	SW quad	6	III	B3	1.75-2.0	1	0.1	<1	lithic	debitage	secondary	flake, fragment	quartz	white, gray	grainy		
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	2	1.0	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	1	2.3	2-4	ceramic	sherd	body	unclassified sherd	n/a	shell (leached)	eroded		
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	1	5.4	2-4	ceramic	sherd	body	Popes Creek	n/a	coarse sand	net impressed	eroded	
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	1	5.6	4-5	lithic	debitage	secondary	flake, fragment	quartzite	reddish brown			
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	1	0.9	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	1	1.9	2-3	lithic	debitage	secondary	flake, fragment	quartz	white, yellow	streaked		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	10	4.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	1	0.1	<1	lithic	debitage	secondary	flake, fragment	quartz	white, red	grainy		
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	1	0.2	<1	lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	195	1/4"	TU	3	435	555	SE quad	6	III	B3	1.75-2.0	7	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	196	1/4"	TU	3	435	555	NW quad	7	III	B3	2.0-2.25	1	0.9	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	196	1/4"	TU	3	435	555	NW quad	7	III	B3	2.0-2.25	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	196	1/4"	TU	3	435	555	NW quad	7	III	B3	2.0-2.25	1	1.6	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	197	1/4"	TU	3	435	555	NE quad	7	III	B3	2.0-2.25	1	10.5	3-4	lithic	debitage	secondary	bipolar flake, complete	quartzite	red, light brown			
18MO749	197	1/4"	TU	3	435	555	NE quad	7	III	B3	2.0-2.25	1	1.5	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	197	1/4"	TU	3	435	555	NE quad	7	III	B3	2.0-2.25	3	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	197	1/4"	TU	3	435	555	NE quad	7	III	B3	2.0-2.25	2	1.0	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	197	1/4"	TU	3	435	555	NE quad	7	III	B3	2.0-2.25	6	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	197	1/4"	TU	3	435	555	NE quad	7	III	B3	2.0-2.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	198	1/4"	TU	3	435	555	SW quad	7	III	B3	2.0-2.25	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	198	1/4"	TU	3	435	555	SW quad	7	III	B3	2.0-2.25	2	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	198	1/4"	TU	3	435	555	SW quad	7	III	B3	2.0-2.25	1	0.3	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	198	1/4"	TU	3	435	555	SW quad	7	III	B3	2.0-2.25	1	1.4	1-2	lithic	debitage	secondary	shatter	quartz	white	grainy		
18MO749	199	1/4"	TU	3	435	555	SE quad	7	III	B3	2.0-2.25	1	2.3	2-3	lithic	debitage	secondary	flake, fragment	quartz	white, yellow	milky		
18MO749	199	1/4"	TU	3	435	555	SE quad	7	III	B3	2.0-2.25	2	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	199	1/4"	TU	3	435	555	SE quad	7	III	B3	2.0-2.25	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	199	1/4"	TU	3	435	555	SE quad	7	III	B3	2.0-2.25	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	crystal quartz	clear			
18MO749	200	1/4"	TU	3	435	555	NW quad	8	III	B3	2.25-2.5	2	0.4	<1	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	201	1/4"	TU	3	435	555	NE quad	8	III	B3	2.25-2.5	2	4.4	2-3	lithic	debitage	secondary	shatter	quartz	white	grainy		
18MO749	201	1/4"	TU	3	435	555	NE quad	8	III	B3	2.25-2.5	2	2.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	201	1/4"	TU	3	435	555	NE quad	8	III	B3	2.25-2.5	6	0.6	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	202	1/4"	TU	3	435	555	SW quad	8	III	B3	2.25-2.5	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	202	1/4"	TU	3	435	555	SW quad	8	III	B3	2.25-2.5	1	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	203	1/4"	TU	3	435	555	SE quad	8	III	B3	2.25-2.5	3	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	204	1/4"	TU	3	435	555	NW quad	9	IV	B4	2.5-2.75	1	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	205	1/4"	TU	3	435	555	NE quad	9	IV	B4	2.5-2.75	1	5.0	4-5	lithic	tool	partial	ppk, Rossville	quartz	white	milky		biconvex x-section. Arched dorsal line. Straight blade margins and missing distal portion. Symmetrical. *39.4mm long, 18.2mm wide, 7.8mm thick. Contracting stem 10.5mm long
18MO749	205	1/4"	TU	3	435	555	NE quad	9	IV	B4	2.5-2.75	3	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	205	1/4"	TU	3	435	555	NE quad	9	IV	B4	2.5-2.75	3	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	206	1/4"	TU	3	435	555	SW quad	9	IV	B4	2.5-2.75	2	5.8	2-4	ceramic	sherd	body	Accokeek	n/a	medium coarse sand	cordmarked		
18MO749	206	1/4"	TU	3	435	555	SW quad	9	IV	B4	2.5-2.75	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	206	1/4"	TU	3	435	555	SW quad	9	IV	B4	2.5-2.75	1	1.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	206	1/4"	TU	3	435	555	SW quad	9	IV	B4	2.5-2.75	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	206	1/4"	TU	3	435	555	SW quad	9	IV	B4	2.5-2.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	207	1/4"	TU	3	435	555	SE quad	9	IV	B4	2.5-2.75	2	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	208	1/4"	TU	3	435	555	NW quad	10	IV	B4	2.75-3.0	1	25.1	6-8	ceramic	sherd	body	Accokeek	n/a	coarse sand	cordmarked	fine, closely spaced	
18MO749	208	1/4"	TU	3	435	555	NW quad	10	IV	B4	2.75-3.0	1	222.1		lithic	FCR	fragment	fire cracked rock	quartz	white, red, black	milky		
18MO749	209	1/4"	TU	3	435	555	NE quad	10	IV	B4	2.75-3.0	1	2.1	2-4	ceramic	sherd	body	Accokeek	n/a	coarse sand	cordmarked	fine, closely spaced	
18MO749	209	1/4"	TU	3	435	555	NE quad	10	IV	B4	2.75-3.0	1	1.3	2-4	ceramic	sherd	body	Accokeek	n/a	coarse sand	eroded		
18MO749	209	1/4"	TU	3	435	555	NE quad	10	IV	B4	2.75-3.0	1	21.0	4-6	ceramic	sherd	body	Accokeek	n/a	coarse sand with quartz	cordmarked	fine, closely spaced	mends with 2-4 sherd
18MO749	209	1/4"	TU	3	435	555	NE quad	10	IV	B4	2.75-3.0	1	7.1	2-4	ceramic	sherd	body	Accokeek	n/a	coarse sand with quartz	cordmarked	fine, closely spaced	mends with 4-6 sherd
18MO749	209	1/4"	TU	3	435	555	NE quad	10	IV	B4	2.75-3.0	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray, blue	aphyric		
18MO749	209	1/4"	TU	3	435	555	NE quad	10	IV	B4	2.75-3.0	1	13.2	4-5	lithic	tool	complete	biface, mid stage	quartz	white, gray	grainy		
18MO749	209	1/4"	TU	3	435	555	NE quad	10	IV	B4	2.75-3.0	1	0.9	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	210	1/4"	TU	3	435	555	SW quad	10	IV	B4	2.75-3.0	1	1.1	2-4	ceramic	sherd	body	Accokeek	n/a	coarse sand	cordmarked	fine, closely spaced	
18MO749	210	1/4"	TU	3	435	555	SW quad	10	IV	B4	2.75-3.0	1	2.3	2-3	lithic	debitage	secondary	flake, fragment	quartz	white, yellow	grainy		
18MO749	210	1/4"	TU	3	435	555	SW quad	10	IV	B4	2.75-3.0	1	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	211	1/4"	TU	3	435	555	SE quad	10	IV	B4	2.75-3.0	1	7.0	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	fine, closely spaced	
18MO749	212	1/4"	TU	3	435	555	NW quad	11	IV	B4	3.0-3.25	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	212	1/4"	TU	3	435	555	NW quad	11	IV	B4	3.0-3.25	1	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	212	1/4"	TU	3	435	555	NW quad	11	IV	B4	3.0-3.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	213	1/4"	TU	3	435	555	NE quad	11	IV	B4	3.0-3.25	1	5.6	2-4	ceramic	sherd	rim	Accokeek	n/a	coarse sand with quartz	cordmarked	fine, closely spaced	
18MO749	213	1/4"	TU	3	435	555	NE quad	11	IV	B4	3.0-3.25	1	0.3	1-2	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	213	1/4"	TU	3	435	555	NE quad	11	IV	B4	3.0-3.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	213	1/4"	TU	3	435	555	NE quad	11	IV	B4	3.0-3.25	4	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	214	1/4"	TU	3	435	555	SW quad	11	IV	B4	3.0-3.25	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	214	1/4"	TU	3	435	555	SW quad	11	IV	B4	3.0-3.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	215	1/4"	TU	3	435	555	SE quad	11	IV	B4	3.0-3.25	2	25.4	4-6	ceramic	sherd	body	Accokeek	n/a	coarse sand with quartz	cordmarked	eroded	
18MO749	215	1/4"	TU	3	435	555	SE quad	11	IV	B4	3.0-3.25	1	0.6	1-2	lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	216	1/4"	TU	3	435	555	NE quad	12	IV	B4	3.25-3.5	2	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	217	1/4"	TU	3	435	555	SE quad	12	IV	B4	3.25-3.5	1	5.6	4-6	ceramic	sherd	body	Selden Island	n/a	steatite	cordmarked	eroded	
18MO749	217	1/4"	TU	3	435	555	SE quad	12	IV	B4	3.25-3.5	2	0.2	<1	ebot		fragment	charcoal					
18MO749	217	1/4"	TU	3	435	555	SE quad	12	IV	B4	3.25-3.5	1	26.2	>5	lithic	tool	tertiary	backed knife	quartz	white	milky		
18MO749	217	1/4"	TU	3	435	555	SE quad	12	IV	B4	3.25-3.5	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	gray, blue	aphyric		
18MO749	218	1/4"	TU	3	435	555	NW quad	13	IV	B4	3.5-3.75	1	2.9	2-4	ceramic	sherd	body	Marcey Creek	n/a	crushed steatite	eroded		
18MO749	218	1/4"	TU	3	435	555	NW quad	13	IV	B4	3.5-3.75	1	24.7	6-8	ceramic	sherd	body	Marcey Creek	n/a	crushed steatite	fabric impressed	eroded	
18MO749	218	1/4"	TU	3	435	555	NW quad	13	IV	B4	3.5-3.75	2	0.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	218	1/4"	TU	3	435	555	NW quad	13	IV	B4	3.5-3.75	1	30.0	4-5	lithic	debitage	secondary	core fragment	quartz	white, gray	milky		
18MO749	218	1/4"	TU	3	435	555	NW quad	13	IV	B4	3.5-3.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	218	1/4"	TU	3	435	555	NW quad	13	IV	B4	3.5-3.75	2	0.9	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	218	1/4"	TU	3	435	555	NW quad	13	IV	B4	3.5-3.75	2	1.0	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray, white	aphyric		
18MO749	218	1/4"	TU	3	435	555	NW quad	13	IV	B4	3.5-3.75	1	1.1	2-3	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	219	1/4"	TU	3	435	555	NE quad	13	IV	B4	3.5-3.75	1	1.5	2-4	ceramic	sherd	body	Selden Island	n/a	steatite	cordmarked	fine, closely spaced	mends with bag 217
18MO749	219	1/4"	TU	3	435	555	NE quad	13	IV	B4	3.5-3.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	219	1/4"	TU	3	435	555	NE quad	13	IV	B4	3.5-3.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	streaked		
18MO749	219	1/4"	TU	3	435	555	NE quad	13	IV	B4	3.5-3.75	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	quartz porphyritic		
18MO749	219	1/4"	TU	3	435	555	NE quad	13	IV	B4	3.5-3.75	2	2.4	2-3	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray, white	aphyric		
18MO749	220	1/4"	TU	3	435	555	SW quad	13	IV	B4	3.5-3.75	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	220	1/4"	TU	3	435	555	SW quad	13	IV	B4	3.5-3.75	2	0.7	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray, white	aphyric		
18MO749	220	1/4"	TU	3	435	555	SW quad	13	IV	B4	3.5-3.75	1	1.2	2-3	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray, white	aphyric		
18MO749	221	1/4"	TU	3	435	555	SE quad	13	IV	B4	3.5-3.75	2	9.8	2-3	ebot		fragment	charcoal					
18MO749	221	1/4"	TU	3	435	555	SE quad	13	IV	B4	3.5-3.75	2	0.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray, white	aphyric		
18MO749	221	1/4"	TU	3	435	555	SE quad	13	IV	B4	3.5-3.75	1	3.0	3-4	lithic	tool	complete	ppk, Rossville	rhyolite	weathered gray, white	aphyric		biconvex x-section. Arched dorsal line. Straight blade margins. Asymmetrical. 30.2mm long, 17.9mm wide, 6.6mm thick. Contracting stem 10.5mm long
18MO749	222	1/4"	TU	3	435	555	NW quad	15	V	B5	4.0-4.25	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray, white	aphyric		
18MO749	222	1/4"	TU	3	435	555	NW quad	15	V	B5	4.0-4.25	1	0.5	1-2	lithic	debitage	secondary	flake, fragment	rhyolite	dark gray, reddish brown, whit	aphyric		
18MO749	222	1/4"	TU	3	435	555	NW quad	15	V	B5	4.0-4.25	1	1.3	2-3	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray			
18MO749	223	1/4"	TU	3	435	555	NE quad	15	V	B5	4.0-4.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	reddish brown, white	grainy		
18MO749	223	1/4"	TU	3	435	555	NE quad	15	V	B5	4.0-4.25	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	223	1/4"	TU	3	435	555	NE quad	15	V	B5	4.0-4.25	1	0.9	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	aphyric		
18MO749	224	1/4"	TU	3	435	555	SW quad	15	V	B5	4.0-4.25	1	176.3	>5	lithic	debitage	tertiary	bipolar core	argillite	reddish brown	aphyric		fine retouch along lateral and distal edges
18MO749	224	1/4"	TU	3	435	555	SW quad	15	V	B5	4.0-4.25	1	15.2	>5	lithic	tool	tertiary	end scraper, type II	argillite	reddish brown, light brown	aphyric		weathered
18MO749	224	1/4"	TU	3	435	555	SW quad	15	V	B5	4.0-4.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	224	1/4"	TU	3	435	555	SW quad	15	V	B5	4.0-4.25	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	224	1/4"	TU	3	435	555	SW quad	15	V	B5	4.0-4.25	6	1.3	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray, white	aphyric		
18MO749	225	1/4"	TU	3	435	555	SE quad	15	V	B5	4.0-4.25	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	226	1/4"	TU	3	435	555	NW quad	16	VI	B6	4.25-4.5	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray, white	aphyric		
18MO749	226	1/4"	TU	3	435	555	NW quad	16	VI	B6	4.25-4.5	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray, white	aphyric		
18MO749	226	1/4"	TU	3	435	555	NW quad	16	VI	B6	4.25-4.5	1	1.4	2-3	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray, white	aphyric		
18MO749	227	1/4"	TU	3	435	555	NE quad	16	VI	B6	4.25-4.5	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	227	1/4"	TU	3	435	555	NE quad	16	VI	B6	4.25-4.5	3	0.2	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	228	1/4"	TU	3	435	555	SE quad	16	VI	B6	4.25-4.5	1	1.6	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	reddish brown, light brown	aphyric		weathered
18MO749	228	1/4"	TU	3	435	555	SE quad	16	VI	B6	4.25-4.5	1	2.8	2-3	lithic	debitage	secondary	shatter	quartz	white, red	milky		
18MO749	229	1/4"	TU	3	435	555	NW quad	14	V	B5	3.75-4.0	1	2.8	3-4	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray			
18MO749	229	1/4"	TU	3	435	555	NW quad	14	V	B5	3.75-4.0	2	2.5	2-3	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	229	1/4"	TU	3	435	555	NW quad	14	V	B5	3.75-4.0	5	1.6	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	229	1/4"	TU	3	435	555	NW quad	14	V	B5	3.75-4.0	5	0.9	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	dark gray			

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	229	1/4"	TU	3	435	555	NW quad	14	V	B5	3.75-4.0	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	230	1/4"	TU	3	435	555	NE quad	14	V	B5	3.75-4.0	1	3.7	4-5	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	quartz porphyritic		
18MO749	230	1/4"	TU	3	435	555	NE quad	14	V	B5	3.75-4.0	1	3.2	3-4	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	quartz porphyritic		
18MO749	230	1/4"	TU	3	435	555	NE quad	14	V	B5	3.75-4.0	2	4.7	2-3	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	quartz porphyritic		
18MO749	230	1/4"	TU	3	435	555	NE quad	14	V	B5	3.75-4.0	6	1.3	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	230	1/4"	TU	3	435	555	NE quad	14	V	B5	3.75-4.0	1	0.4	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	dark gray	quartz porphyritic		
18MO749	230	1/4"	TU	3	435	555	NE quad	14	V	B5	3.75-4.0	4	0.3	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	231	1/4"	TU	3	435	555	SW quad	14	V	B5	3.75-4.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	dark gray	aphyric		
18MO749	231	1/4"	TU	3	435	555	SW quad	14	V	B5	3.75-4.0	1	0.6	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	quartz porphyritic		
18MO749	232	1/4"	TU	3	435	555	SE quad	14	V	B5	3.75-4.0	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	dark gray, light brown	aphyric		
18MO749	232	1/4"	TU	3	435	555	SE quad	14	V	B5	3.75-4.0	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	232	1/4"	TU	3	435	555	SE quad	14	V	B5	3.75-4.0	2	0.7	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	dark gray, light brown	quartz porphyritic		
18MO749	232	1/4"	TU	3	435	555	SE quad	14	V	B5	3.75-4.0	1	3.3	3-4	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	quartz porphyritic		
18MO749	96	1/4"	TU	1	460	485	NW quad	6	IV	B2	1.8-2.05	1	0.1	<1	lithic	debitage	secondary	flake, fragment	quartz	white, yellowish brown	grainy		
18MO749	96	1/4"	TU	1	460	485	NW quad	6	IV	B2	1.8-2.05	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	crystal quartz	none			
18MO749	145	1/4"	TU	2	475	450	SW quad	6	III	Ab	1.25-1.5	1	0.6	1-2	lithic	tool	fragment	biface, unid.	quartz	white	grainy		
18MO749	1	1/4"	STP		515	500				B1	0.3-3.4	1	0.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	1	1/4"	STP		515	500				B1	0.3-3.4	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	1	1/4"	STP		515	500				B1	0.3-3.4	3	1.3	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	1	1/4"	STP		515	500				B1	0.3-3.4	1	5.3	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine-medium sand	unid. eroded	rough	thin, compact, slightly sandy
18MO749	2	1/4"	STP		500	400				B1	1.5-2.2	1	1.1	2-3	lithic	debitage	tertiary	flake, complete	quartzite	light brown			hinge break
18MO749	2	1/4"	STP		500	400				B1	1.5-2.2	1	0.2	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	smooth		
18MO749	2	1/4"	STP		500	400				B1	1.5-2.2	2	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	2	1/4"	STP		500	400				B1	1.5-2.2	3	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	2	1/4"	STP		500	400				B1	1.5-2.2	1	2.5		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	2	1/4"	STP		500	400				B1	1.5-2.2	1	1.2	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	2	1/4"	STP		500	400				B1	1.5-2.2	1	2.8	2-4	ceramic	sherd	body	unclassified sherd	n/a	crushed quartz	eroded		thin, friable, gritty
18MO749	3	1/4"	STP		500	400				Ab	2.2-4.0	2	0.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	3	1/4"	STP		500	400				Ab	2.2-4.0	1	24.0		historic	metal	fragment	unid. iron object	iron alloy		miscellaneous		bent shank with distal taper, possibly large nail shank. Recbrowngular X-section
18MO749	4	1/4"	STP		500	450				B1	0.4-2.9	1	0.8	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	smooth		
18MO749	4	1/4"	STP		500	450				B1	0.4-2.9	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	4	1/4"	STP		500	450				B1	0.4-2.9	3	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	4	1/4"	STP		500	450				B1	0.4-2.9	1	2.3	1-2	lithic	debitage	fragment	flake, fragment	quartzite	red			
18MO749	4	1/4"	STP		500	450				B1	0.4-2.9	1	4.0	2-4	ceramic	sherd	body	unclassified sherd	n/a	crushed quartz	cordmarked		micaceous sand, compact, sandy
18MO749	5	1/4"	STP		500	450				B2	2.9-4.1	1	0.2	<1	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	5	1/4"	STP		500	450				B2	2.9-4.1	5	2.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	5	1/4"	STP		500	450				B2	2.9-4.1	1	5.4	2-4	ceramic	sherd	neck	Rappahannock	n/a	shell (leached)	incised	chevrons	
18MO749	5	1/4"	STP		500	450				B2	2.9-4.1	1	5.0	2-4	ceramic	sherd	body	unclassified sherd	n/a	medium-coarse sand	eroded	rough	compact, slightly gritty, reddish pa
18MO749	6	1/4"	STP		500	485				B1	0.4-2.2	1	0.1	1-2	lithic	debitage	secondary	flake, complete	quartz	white, yellow	streaked		
18MO749	6	1/4"	STP		500	485				B1	0.4-2.2	1	0.1	<1	lithic	debitage	primary	flake, fragment	quartz	white	smooth		
18MO749	6	1/4"	STP		500	485				B1	0.4-2.2	1	2.0	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	6	1/4"	STP		500	485				B1	0.4-2.2	1	3.6	3-4	lithic	tool	basal portion	biface, late stage	quartz	yellowish brown			thin biconvex x-section. 30.9mm wide by 4.8mm thick. Finer edge work along basal margin with lateral margins slightly coarse.
18MO749	7	1/4"	STP		500	485				B2	2.2-3.6	1	3.6	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine-medium sand	cordmarked		compact, slightly gritty, reddish pa
18MO749	8	1/4"	STP		485	500				B1	0.6-2.7	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	8	1/4"	STP		485	500				B1	0.6-2.7	2	0.6	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	8	1/4"	STP		485	500				B1	0.6-2.7	3	3.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	8	1/4"	STP		485	500				B1	0.6-2.7	3	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	8	1/4"	STP		485	500				B1	0.6-2.7	2	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	8	1/4"	STP		485	500				B1	0.6-2.7	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	2.4	2-3	lithic	debitage	complete	bipolar flake, complete	quartzite	red			
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	2.0	2-3	lithic	debitage	secondary	flake, complete	rhyolite	gray	quartz porphyritic		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	1.7	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	milky		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	7	2.4	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	2.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	1.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	2	1.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	11	5.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	3	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white, yellowish brown			
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	0.7	1-2	lithic	debitage	secondary	flake, fragment	quartz	yellowish brown			
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	2	5.3		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	23.0	3-4	lithic	debitage	fragment	tested cobble	quartzite	gray			
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	7.5	4-6	ceramic	sherd	body	Mockley	n/a	shell (leached)	cordmarked	eroded	
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	1.5	2-4	ceramic	sherd	neck	Rappahannock	n/a	shell (leached)	incised	punctate	thin, compact, reddish paste, gritty
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	11.8	4-6	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	eroded		
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	1.5	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	3.1	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine sand	eroded		compact, micaceous sand, sandy, l
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	8.3	2-4	ceramic	sherd	body	unclassified sherd	n/a	crushed quartz	cordmarked	fine	micaceous paste, really looks like s
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	2	2.8	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine sand	cordmarked	fine	unusually thin, 3.5mm thick
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	5.9	2-4	ceramic	sherd	body	unclassified sherd	n/a	mica	cord wrapped dowel	eroded	lots of mica sheets
18MO749	9	1/4"	STP		465	500				B1	0.2-1.7	1	15.6	3-4	lithic	tool	complete	retouched flake	quartz	white	streaked		biconvex x-section, only one lateral margin present, prominently arched dorsal line
18MO749	10	1/4"	STP		465	500				B2	1.7-4.2	1	7.6	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	10	1/4"	STP		465	500				B2	1.7-4.2	1	4.4	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	10	1/4"	STP		465	500				B2	1.7-4.2	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	10	1/4"	STP		465	500				B2	1.7-4.2	1	7.4	4-6	ceramic	sherd	body	unclassified sherd	micaceous sand	fine sand	fabric impressed		shallow overstamped, almost fabri
18MO749	10	1/4"	STP		465	500				B2	1.7-4.2	1	3.2	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	smoothed over	shallow overstamped, almost fabri
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	0.4	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	8.4	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	1.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	1.9	2-3	lithic	debitage	primary	flake, fragment	quartz	white	grainy		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	4	8.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	16	7.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	6	2.9	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red, yellowish brown			
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	0.6	1-2	lithic	debitage	primary	flake, fragment	quartz	white, red	grainy		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	10	1.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	1.9	2-4	ceramic	sherd	body	Accokeek	n/a	crushed quartz	cordmarked		
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	7.1	2-4	ceramic	sherd	rim	Potomac Creek	n/a	crushed quartz	cordmarked	incised dashes	vertical orientation
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	4.0	2-4	ceramic	sherd	neck	Potomac Creek	n/a	crushed quartz	cordmarked	incised lines	
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	1.5	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	eroded		interior spall
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	6	6.5	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	11	1/4"	STP		450	485				B1	0.4-2.8	1	2.4	3-4	lithic	tool	fragment	ppk, Levanna	quartzite	gray			lateral section
18MO749	12	1/4"	STP		450	515				B1	0.2-2.2	1	9.7	4-5	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	12	1/4"	STP		450	515				B1	0.2-2.2	1	1.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	12	1/4"	STP		450	515				B1	0.2-2.2	4	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	12	1/4"	STP		450	515				B1	0.2-2.2	5	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy, streaked		
18MO749	12	1/4"	STP		450	515				B1	0.2-2.2	1	2.5	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	fine sand	cordmarked		
18MO749	13	1/4"	STP		450	515				B2	2.2-4.2	2	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy, streaked		
18MO749	13	1/4"	STP		450	515				B2	2.2-4.2	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	yellowish brown			
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	2	4.3	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	2	4.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	2.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	2	1.0	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	10	4.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	0.6	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	2.2		lithic	debitage	tertiary	shatter	quartz	white	milky		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	113.2		lithic	debitage	fragment	shatter	quartzite	grayish brown			poss. FCR
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	2.2	2-4	ceramic	sherd	body	Accokeek	n/a	fine sand	cordmarked		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	7.9	4-6	ceramic	sherd	neck	Accokeek	micaceous sand	medium-coarse sand	cordmarked	zoned	
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	1.3	2-4	ceramic	sherd	body	Accokeek	micaceous sand	medium-coarse sand	cordmarked		
18MO749	14	1/4"	STP		450	530				B1	0.2-3.4	1	2.0	2-4	ceramic	sherd	body	Mockley	n/a	shell (leached)	cordmarked		
18MO749	15	1/4"	STP		450	550				B1	0.3-2.2	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	15	1/4"	STP		450	550				B1	0.3-2.2	3	1.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	15	1/4"	STP		450	550				B1	0.3-2.2	1	3.3	2-4	ceramic	sherd	body	Accokeek	micaceous sand	crushed quartz	eroded		
18MO749	15	1/4"	STP		450	550				B1	0.3-2.2	1	0.9	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	15	1/4"	STP		450	550				B1	0.3-2.2	1	3.1	2-3	lithic	tool	tertiary	utilized flake	quartz	white	grainy		unifacial retouch to dorsal distal margin on a complete flake
18MO749	16	1/4"	STP		450	550				B2	2.2-3.6	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	16	1/4"	STP		450	550				B2	2.2-3.6	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	3	0.1		faunal	bone	fragment	calcined bone					
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	1	14.2	3-4	lithic	debitage	fragment	bipolar flake, complete	quartzite	reddish brown			
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartzite	gray			
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	1	0.4	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	3	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	5	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	11	3.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white			
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	13	0.8	<1	lithic	debitage	tertiary	flake, fragment	quartz	white			
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	1	10.5	4-6	ceramic	sherd	body	Accokeek	micaceous sand	crushed quartz	cordmarked	eroded	
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	7	1.5	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	17	1/4"	STP		450	565				B1	0.6-2.5	1	416.7		lithic	tool	complete	hammerstone	quartzite	reddish brown			battered in several places, well sm
18MO749	18	1/4"	STP		425	485				B1	0.3-4.2	1	2.9	2-3	lithic	debitage	primary	bipolar flake, complete	quartz	white	grainy		
18MO749	18	1/4"	STP		425	485				B1	0.3-4.2	1	3.0	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	18	1/4"	STP		425	485				B1	0.3-4.2	2	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	18	1/4"	STP		425	485				B1	0.3-4.2	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	18	1/4"	STP		425	485				B1	0.3-4.2	7	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	19	1/4"	STP		400	450				B1	0.3-1.6	1	3.5	3-4	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	plagioclase porphyritic		
18MO749	19	1/4"	STP		400	450				B1	0.3-1.6	2	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	20	1/4"	STP		400	450				B2	1.6-2.3	1	2.8	2-3	lithic	tool	fragment	biface, late stage	quartz	white	grainy		biconvex x-section, distal fragmen
18MO749	21	1/4"	STP		600	535				B1	0.3-3.3	1	1.1	2-3	lithic	debitage	tertiary	flake, complete	quartzite	brown			
18MO749	21	1/4"	STP		600	535				B1	0.3-3.3	1	6.2	3-4	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	21	1/4"	STP		600	535				B1	0.3-3.3	2	4.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	22	surface	STP		600	550				backfill		1	114.8		lithic	manuport	primary	unmodified cobble	quartzite	brown			
18MO749	23	1/4"	STP		600	550				B1	0.2-2.2	1	1.3	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	23	1/4"	STP		600	550				B1	0.2-2.2	3	2.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	23	1/4"	STP		600	550				B1	0.2-2.2	2	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	24	1/4"	STP		585	550				B1	0.5-2.0	1	39.3	>5	lithic	debitage	primary	bipolar flake, fragment	graywacke	greenish gray			missing distal portion
18MO749	24	1/4"	STP		585	550				B1	0.5-2.0	1	1.6	2-3	lithic	debitage	primary	flake, complete	argillite	red, dark gray			
18MO749	24	1/4"	STP		585	550				B1	0.5-2.0	1	3.5	2-3	lithic	debitage	tertiary	flake, complete	quartzite	red			
18MO749	24	1/4"	STP		585	550				B1	0.5-2.0	2	0.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	25	1/4"	STP		565	550				Oi	0-0.2	1	1.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white			
18MO749	26	1/4"	STP		565	550				B1	0.2-0.8	1	7.2	3-4	lithic	debitage	secondary	flake, fragment	quartz	white	milky		
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	2	0.7	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	2.0	3-4	lithic	debitage	tertiary	flake, fragment	argillite	reddish brown			
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	4.8	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	2.2	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	1.2	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	argillite	reddish brown			
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	4	1.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	5.2	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	fine sand	cordmarked		
18MO749	27	1/4"	STP		550	535				B1	0.5-2.0	1	0.8	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	28	1/4"	STP		550	565				B1	0.4-2.2	1	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	28	1/4"	STP		550	565				B1	0.4-2.2	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	chert	black	opaque		heavily waterworn
18MO749	29	1/4"	STP		550	565				B2	2.2-4.3	2	4.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	29	1/4"	STP		550	565				B2	2.2-4.3	1	1.3	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	smooth		
18MO749	29	1/4"	STP		550	565				B2	2.2-4.3	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	29	1/4"	STP		550	565				B2	2.2-4.3	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	29	1/4"	STP		550	565				B2	2.2-4.3	1	71.0		lithic	debitage	fragment	tested cobble	quartzite	brown			
18MO749	29	1/4"	STP		550	565				B2	2.2-4.3	1	10.0	4-6	ceramic	sherd	body	Potomac Creek	micaceous sand	crushed quartz	cordmarked		
18MO749	29	1/4"	STP		550	565				B2	2.2-4.3	1	1391.1	>5	lithic	tool	partial	bipolar core/pos. anvil/pos. ma	quartzite	brown			one surface is very smooth, flakes removed from one end only
18MO749	30	1/4"	STP		550	585				Ab	3.1-4.2	1	5.1	2-3	lithic	debitage	secondary	bipolar flake, complete	quartzite	reddish brown			

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	30	1/4"	STP		550	585				Ab	3.1-4.2	1	0.9	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	30	1/4"	STP		550	585				Ab	3.1-4.2	4	1.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	30	1/4"	STP		550	585				Ab	3.1-4.2	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	30	1/4"	STP		550	585				Ab	3.1-4.2	5	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	30	1/4"	STP		550	585				Ab	3.1-4.2	1	5.6		lithic	debitage	secondary	shatter	quartz	white	grainy		
18MO749	30	1/4"	STP		550	585				Ab	3.1-4.2	1	14.3	4-5	lithic	tool	partial	biface, mid stage	quartz	white	milky		basal to mid section. Biconvex x-section, heavily arched dorsal side. Convexed lateral margins
18MO749	30	1/4"	STP		550	585				Ab	3.1-4.2	1	10.3	3-4	lithic	tool	secondary	retouched flake, fragment	quartz	white	streaked		coarse unifacial retouch along sing
18MO749	32	1/4"	STP		515	450				B1	0.7-2.4	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	33	1/4"	STP		515	450				B2	2.4-3.5	1	7.5	4-5	lithic	tool	tertiary	biface, late stage	quartz	white	grainy		triangular in overall shape so pos t
18MO749	33	1/4"	STP		515	450				B2	2.4-3.5	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	33	1/4"	STP		515	450				B2	2.4-3.5	1	6.5	2-4	ceramic	sherd	body	Potomac Creek	micaceous sand	crushed quartz	cordmarked		
18MO749	34	1/4"	STP		500	465				B2	2.5-3.7	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	34	1/4"	STP		500	465				B2	2.5-3.7	1	1.0	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	smooth		
18MO749	34	1/4"	STP		500	465				B2	2.5-3.7	2	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	34	1/4"	STP		500	465				B2	2.5-3.7	1	1.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	34	1/4"	STP		500	465				B2	2.5-3.7	1	1.1	1-2	lithic	tool	fragment	biface fragment	quartz	white	grainy		biconvex x-section
18MO749	35	1/4"	STP		500	500				backfill	0-2.5	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	unid. lithic	reddish brown			
18MO749	35	1/4"	STP		500	500				backfill	0-2.5	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	35	1/4"	STP		500	500				backfill	0-2.5	4	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	35	1/4"	STP		500	500				backfill	0-2.5	1	3.3	2-3	ceramic	sherd	body	Accokeek	micaceous sand	crushed quartz	cordmarked	eroded	
18MO749	35	1/4"	STP		500	500				backfill	0-2.5	3	2.7	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	36	1/4"	STP		500	500				B1	0.4-4.2	1	0.5	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	36	1/4"	STP		500	500				B1	0.4-4.2	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	white	grainy		
18MO749	36	1/4"	STP		500	500				B1	0.4-4.2	1	1.0	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	36	1/4"	STP		500	500				B1	0.4-4.2	5	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	36	1/4"	STP		500	500				B1	0.4-4.2	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	36	1/4"	STP		500	500				B1	0.4-4.2	1	1.0	2-4	ceramic	sherd	body	unclassified sherd	n/a	fine sand	eroded		
18MO749	37	1/4"	STP		500	515				B1	0.2-2.2	1	0.4	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	37	1/4"	STP		500	515				B1	0.2-2.2	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	37	1/4"	STP		500	515				B1	0.2-2.2	1	5.4	2-4	ceramic	sherd	body	Potomac Creek	micaceous sand	crushed quartz&sand	cordmarked		
18MO749	37	1/4"	STP		500	515				B1	0.2-2.2	7	1.5	<2	ceramic	sherd	residual	residual sherd	n/a	shell (leached)	n/a	n/a	
18MO749	39	1/4"	STP		465	550				B1	0.5-4.2	1	0.1	<1	lithic	debitage	tertiary	flake, complete	chert	black	opaque		waterworn
18MO749	39	1/4"	STP		465	550				B1	0.5-4.2	6	2.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	39	1/4"	STP		465	550				B1	0.5-4.2	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	39	1/4"	STP		465	550				B1	0.5-4.2	1	21.1	>5	lithic	tool	complete	biface, mid stage	quartz	white	grainy		biconvex x-section, 49.6mm long, 32mm wide, and 14.2mm thick. Convexed blade margins
18MO749	39	1/4"	STP		465	550				B1	0.5-4.2	1	288.4	.5	lithic	tool	primary	hammerstone	schist	dark gray			pos also used as abrader
18MO749	40	1/4"	STP		435	500				B1	1.0-2.9	1	0.7	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	gray	aphyric		
18MO749	40	1/4"	STP		435	500				B1	1.0-2.9	7	1.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	40	1/4"	STP		435	500				B1	1.0-2.9	17	1.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	40	1/4"	STP		435	500				B1	1.0-2.9	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	40	1/4"	STP		435	500				B1	1.0-2.9	1	0.9		lithic	debitage	tertiary	shatter	quartz	white	grainy		
18MO749	40	1/4"	STP		435	500				B1	1.0-2.9	5	3.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	41	1/4"	STP		435	550				B1	0.4-3.0	1	0.2	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	41	1/4"	STP		435	550				B1	0.4-3.0	1	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	41	1/4"	STP		435	550				B1	0.4-3.0	10	5.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	41	1/4"	STP		435	550				B1	0.4-3.0	16	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	41	1/4"	STP		435	550				B1	0.4-3.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	rhyolite	weathered gray	aphyric		
18MO749	41	1/4"	STP		435	550				B1	0.4-3.0	1	30.9		lithic	debitage	primary	tested cobble fragment	quartzite	brown			
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	1.4	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	2	1.1	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	0.3	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	aphyric		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	3.3	2-3	lithic	debitage	secondary	flake, fragment	rhyolite	gray	aphyric		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	rhyolite	greenish gray	aphyric		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	11	4.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	20	1.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	2.9		lithic	debitage	secondary	shatter	quartz	white	milky		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	160.3		lithic	debitage	primary	tested cobble	quartzite	reddish brown			bipolar reduction, light battering o
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	8	2.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	3.7	2-4	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	unid. eroded		
18MO749	42	1/4"	STP		425	515				B1	0.4-3.0	1	1.7	1-2	lithic	tool	fragment	biface fragment	quartz	white	streaked		biconvex x-section, distal fragmen
18MO749	43	1/4"	STP		415	500				B1	1.3-3.5	1	1.5	2-3	lithic	debitage	tertiary	flake, complete	quartzite	white, tam			
18MO749	43	1/4"	STP		415	500				B1	1.3-3.5	1	0.3	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	aphyric		
18MO749	43	1/4"	STP		415	500				B1	1.3-3.5	1	2.2	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	43	1/4"	STP		415	500				B1	1.3-3.5	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	43	1/4"	STP		415	500				B1	1.3-3.5	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	smooth		
18MO749	43	1/4"	STP		415	500				B1	1.3-3.5	1	10.2	4-5	lithic	tool	complete	ppk, Clagett	rhyolite	weathered gray	aphyric		biconvex x-section, 50.6mm long, 25.2mm wide, and 9.2mm thick. Stem 11.4mm long, 16.7mm wide. Straight blade margins. Expanding stem which is slightly concave
18MO749	44	1/4"	STP		400	500				B1	0.9-3.0	1	1.3	2-3	lithic	debitage	tertiary	flake, complete	rhyolite	gray	aphyric		
18MO749	44	1/4"	STP		400	500				B1	0.9-3.0	1	1.9	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	44	1/4"	STP		400	500				B1	0.9-3.0	1	1.9	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	44	1/4"	STP		400	500				B1	0.9-3.0	2	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	45	1/4"	STP		600	450				B1	0-1.9	1	5.9	3-4	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	45	1/4"	STP		600	450				B1	0-1.9	1	1.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	46	1/4"	STP		600	500				B2	1.0-2.9	1	0.7	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	46	1/4"	STP		600	500				B2	1.0-2.9	1	0.3	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	quartz porphyritic		
18MO749	46	1/4"	STP		600	500				B2	1.0-2.9	1	0.6	1-2	lithic	debitage	tertiary	flake, fragment	chert	black	opaque		waterworn
18MO749	46	1/4"	STP		600	500				B2	1.0-2.9	1	7.4	4-5	lithic	tool	partial	ppk, Clagett	rhyolite	weathered gray	aphyric		missing distal, biconvex x-section, 41mm long, 24.7mm wide, and 7.6mm thick. Stem 14.6mm long, 17.8mm wide.
18MO749	47	1/4"	STP		550	435				B1	0.4-2.1	1	1.9	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	1	1.4	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	2	1.4	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	2	0.2	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	2	3.7	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	1	0.7	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	13	5.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	13	1.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	2	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	48	1/4"	STP		550	475				B1	0.5-2.8	1	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	49	1/4"	STP		550	500				B1	0.3-2.0	2	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	50	1/4"	STP		550	450				B1	0.3-2.9	1	278.8	>5	lithic	tool	complete	poss. mano	quartzite	gray			some surfaces very smooth
18MO749	50	1/4"	STP		550	450				B1	0.3-2.9	1	12.1	4-5	lithic	tool	tertiary	retouched flake, fragment	quartzite	gray			
18MO749	50	1/4"	STP		550	450				B1	0.3-2.9	1	0.3	1-2	lithic	debitage	tertiary	flake, complete	quartz	white			
18MO749	50	1/4"	STP		550	450				B1	0.3-2.9	1	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white			
18MO749	50	1/4"	STP		550	450				B1	0.3-2.9	1	109.9		lithic	debitage	secondary	shatter	schist	brown			
18MO749	50	1/4"	STP		550	450				B1	0.3-2.9	1	81.3		lithic	manuport	primary	poss. hammerstone	quartzite	gray, brown			some light battering, some surface
18MO749	50	1/4"	STP		550	450				B1	0.3-2.9	1	56.7	8-10	ceramic	sherd	body	Popes Creek	n/a	medium-coarse sand	net impressed	bunched	drilled mend hole
18MO749	51	1/4"	STP		500	435				B2	2.1-4.2	1	1.0	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	51	1/4"	STP		500	435				B2	2.1-4.2	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	51	1/4"	STP		500	435				B2	2.1-4.2	1	0.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	51	1/4"	STP		500	435				B2	2.1-4.2	1	4.0	2-4	ceramic	sherd	body	Accokeek	micaceous sand	medium-coarse sand	cordmarked	eroded	
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	1	0.3	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	8	6.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	1	0.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	smooth		
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	2	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	reddish brown			
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	7	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	1	15.1	4-5	lithic	debitage	secondary	bipolar flake, complete	unid. lithic	reddish brown			
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	1	288.1		lithic	tool	primary	hammerstone	sandstone	reddish brown			
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	6	2.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	3	9.9	2-3	ceramic	sherd	body	Accokeek	micaceous sand	crushed quartz	eroded		
18MO749	52	1/4"	STP		485	450				B1	0.3-2.1	1	1.8	2-4	ceramic	sherd	body	Mockley		shell (leached)	eroded		

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	1	1.4	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	7	3.7	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	1	3.2	3-4	lithic	debitage	tertiary	flake, fragment	rhyolite	gray	aphyric		same material as biface fragment
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	1	0.7	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	brown			
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	1	1.9	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	8	4.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	19	1.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	2	32.6	3-4	lithic	debitage	secondary	bipolar flake, complete	quartzite	red, reddish brown			
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	1	8.9	4-6	ceramic	sherd	body	Accokeek	micaceous sand	crushed quartz	cordmarked		
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	2	3.2	2-4	ceramic	sherd	body	Rappahannock	n/a	shell (leached)	fabric impressed		
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	4	16.4	2-4	ceramic	sherd	body	Accokeek	micaceous sand	fine sand	eroded but prob cordmarked		
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	2	3.1	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	53	1/4"	STP		485	450				Ab	2.1-4.1	1	0.9	1-2	lithic	tool	fragment	biface, late stage	rhyolite	gray	aphyric		biconvex x-section, distal fragmen
18MO749	54	1/4"	STP		450	450				backfill	0-2.1	1	1.4	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	54	1/4"	STP		450	450				backfill	0-2.1	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	54	1/4"	STP		450	450				backfill	0-2.1	1	3.3	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	brown			
18MO749	54	1/4"	STP		450	450				backfill	0-2.1	1	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	54	1/4"	STP		450	450				backfill	0-2.1	9	3.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	54	1/4"	STP		450	450				backfill	0-2.1	8	0.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	54	1/4"	STP		450	450				backfill	0-2.1	5	3.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	55	1/4"	STP		450	450				B1	0.5-3.8	1	1.4	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	streaked		
18MO749	55	1/4"	STP		450	450				B1	0.5-3.8	9	4.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	55	1/4"	STP		450	450				B1	0.5-3.8	4	0.3	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	55	1/4"	STP		450	450				B1	0.5-3.8	1	7.2		lithic	tool	tertiary	retouched flake, fragment	quartz	white	streaked		
18MO749	55	1/4"	STP		450	450				B1	0.5-3.8	1	1.5	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	55	1/4"	STP		450	450				B1	0.5-3.8	1	4.0	2-4	ceramic	sherd	body	unclassified sherd	n/a	crushed quartz	eroded		
18MO749	56	1/4"	STP		415	450				B1	3.0-3.3	1	3.8	3-4	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	quartz porphyritic		
18MO749	57	1/4"	STP		400	435				B1	0-2.6	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	58	1/4"	STP		400	465				B1	0.4-3.1	6	2.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	58	1/4"	STP		400	465				B1	0.4-3.1	1	1.2	1-2	lithic	debitage	secondary	shatter	quartz	white	grainy		
18MO749	59	1/4"	STP		400	485				B1	1.2-2.6	1	0.3	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	59	1/4"	STP		400	485				B1	1.2-2.6	1	0.2	1-2	lithic	debitage	tertiary	flake, complete	rhyolite	weathered gray	aphyric		
18MO749	59	1/4"	STP		400	485				B1	1.2-2.6	2	6.6	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	59	1/4"	STP		400	485				B1	1.2-2.6	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	59	1/4"	STP		400	485				B1	1.2-2.6	1	100.8	>5	lithic	debitage	complete	bipolar flake, complete	quartzite	red, white			
18MO749	60	1/4"	STP		600	400				Oi	0-0.5	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	61	1/4"	STP		600	400				B2	1.2-3.8	1	1.6	2-3	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	61	1/4"	STP		600	400				B2	1.2-3.8	1	2.5	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	61	1/4"	STP		600	400				B2	1.2-3.8	2	1.8	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	62	1/4"	STP		550	350				B1	0.5-1.5	1	190.0	>5	lithic	debitage	secondary	core fragment	quartz	white	grainy		likely abandoned due to impurities
18MO749	62	1/4"	STP		550	350				B1	0.5-1.5	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	smooth		
18MO749	62	1/4"	STP		550	350				B1	0.5-1.5	1	5.5	3-4	lithic	tool	fragment	graver	quartz	white	grainy		biconvex x-section, distal fragmen
18MO749	63	1/4"	STP		600	100				Oi	0-0.3	1	2.6	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	63	1/4"	STP		600	100				Oi	0-0.3	2	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	64	1/4"	STP		550	250				Oi	0-0.2	1	3.2	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	65	1/4"	STP		550	350				B2	1.5-2.0	1	4.6	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	smooth		
18MO749	65	1/4"	STP		550	350				B2	1.5-2.0	1	4.6	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	65	1/4"	STP		550	350				B2	1.5-2.0	1	4.6	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	65	1/4"	STP		550	350				B2	1.5-2.0	1	4.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	65	1/4"	STP		550	350				B2	1.5-2.0	1	4.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	66	1/4"	STP		550	400				Oi	0-1.0	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	66	1/4"	STP		550	400				Oi	0-1.0	1	0.1	3-4	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	67	1/4"	STP		550	400				B2	1.0-3.0	2	1.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	67	1/4"	STP		550	400				B2	1.0-3.0	1	108.1		lithic	manuport	primary	cobble	quartzite	gray			some scraping on one surface, pos
18MO749	68	1/4"	STP		500	350				B1	0.3-3.1	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	red			
18MO749	68	1/4"	STP		500	350				B1	0.3-3.1	5	1.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white, red	grainy		
18MO749	68	1/4"	STP		500	350				B1	0.3-3.1	3	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	streaked		
18MO749	68	1/4"	STP		500	350				B1	0.3-3.1	1	3.0	1-2	lithic	debitage	tertiary	shatter	quartzite	white, red			
18MO749	68	1/4"	STP		500	350				B1	0.3-3.1	6	3.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	68	1/4"	STP		500	350				B1	0.3-3.1	1	2.5	2-4	ceramic	sherd	body	unclassified sherd	n/a	crushed quartz	cordmarked		closest to Shepard
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	1	1.9	2-3	lithic	debitage	tertiary	bipolar flake, complete	quartzite	brown			
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	1	12.9	4-5	lithic	debitage	tertiary	core fragment	quartz	white	grainy		amorphous freehand

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	2	7.1	3-4	lithic	debitage	tertiary	flake, complete	quartzite	gray			
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	5	10.4	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	5	3.1	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	1	0.5	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	brown			
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	1	0.4	1-2	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		waterworn
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	4	1.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	milky		
18MO749	69	1/4"	STP		535	450				B1	0.4-3.2	3	0.5	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	70	1/4"	STP		450	300				B1	0.4-3.0	2	4.9	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	70	1/4"	STP		450	300				B1	0.4-3.0	9	4.3	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	70	1/4"	STP		450	300				B1	0.4-3.0	3	0.9	1-2	lithic	debitage	tertiary	flake, fragment	quartzite	gray			
18MO749	70	1/4"	STP		450	300				B1	0.4-3.0	9	0.6	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	70	1/4"	STP		450	300				B1	0.4-3.0	2	2.2	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	71	1/4"	STP		450	300				Ab	3.0-4.0	1	15.5	4-5	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	71	1/4"	STP		450	300				Ab	3.0-4.0	1	11.8	3-4	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	71	1/4"	STP		450	300				Ab	3.0-4.0	2	1.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	72	1/4"	STP		450	400				B1	0.4-4.0	1	2.4	2-3	lithic	debitage	tertiary	bipolar flake, complete	quartz	white	grainy		
18MO749	72	1/4"	STP		450	400				B1	0.4-4.0	1	0.7	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	72	1/4"	STP		450	400				B1	0.4-4.0	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	72	1/4"	STP		450	400				B1	0.4-4.0	1	2.1	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	72	1/4"	STP		450	400				B1	0.4-4.0	8	4.6	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	72	1/4"	STP		450	400				B1	0.4-4.0	9	0.7	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	72	1/4"	STP		450	400				B1	0.4-4.0	1	0.6	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	72	1/4"	STP		450	400				B1	0.4-4.0	1	2.5	2-3	lithic	tool	fragment	biface fragment	rhyolite	gray			likely stem
18MO749	73	1/4"	STP		450	400				backfill	0-2.0	1	2.1	2-3	lithic	tool	fragment	biface fragment	quartz	white	grainy		
18MO749	73	1/4"	STP		450	400				backfill	0-2.0	2	3.0	2-3	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	73	1/4"	STP		450	400				backfill	0-2.0	2	0.4	1-2	lithic	debitage	tertiary	flake, complete	quartz	white	grainy		
18MO749	73	1/4"	STP		450	400				backfill	0-2.0	1	1.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	73	1/4"	STP		450	400				backfill	0-2.0	3	2.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	73	1/4"	STP		450	400				backfill	0-2.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	73	1/4"	STP		450	400				backfill	0-2.0	1	0.1	<1	lithic	tool	fragment	biface fragment	quartz	white	grainy		distal fragment
18MO749	74	1/4"	STP		500	50				B1	0-2.7	1	2.0	2-3	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	74	1/4"	STP		500	50				B1	0-2.7	1	0.4	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	74	1/4"	STP		500	50				B1	0-2.7	1	1.9	2-4	ceramic	sherd	body	Accokeek	micaceous sand	fine sand	eroded		
18MO749	75	1/4"	STP		500	100				B1	0-2.3	1	0.1	<1	lithic	debitage	tertiary	flake, complete	quartz	white	streaked		
18MO749	75	1/4"	STP		500	100				B1	0-2.3	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	76	1/4"	STP		500	150				Oi	0-0.5	1	0.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	76	1/4"	STP		500	150				Oi	0-0.5	1	0.2	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	77	1/4"	STP		450	150				B1	0.4-4.0	3	3.0	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	77	1/4"	STP		450	150				B1	0.4-4.0	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	77	1/4"	STP		450	150				B1	0.4-4.0	1	3.6	2-4	ceramic	sherd	body	Potomac Creek	n/a	medium-coarse sand	cord wrapped dowel	tight weave	well impressed, pretty weave
18MO749	77	1/4"	STP		450	150				B1	0.4-4.0	2	6.2	2-4	ceramic	sherd	body	Accokeek	micaceous sand	fine sand	eroded		
18MO749	77	1/4"	STP		450	150				B1	0.4-4.0	1	1.9	2-4	ceramic	sherd	body	unclassified sherd	micaceous sand	fine sand	cordmarked		
18MO749	77	1/4"	STP		450	150				B1	0.4-4.0	1	35.1	>5	lithic	tool	secondary	backed knife	quartz	white	grainy		coarse unifacial retouch along sing
18MO749	78	1/4"	STP		450	350				B1	0.3-3.5	1	7.9	3-4	lithic	tool	tertiary	utilized flake	quartz	white	grainy		
18MO749	78	1/4"	STP		450	350				B1	0.3-3.5	2	2.2	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	78	1/4"	STP		450	350				B1	0.3-3.5	5	1.9	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	78	1/4"	STP		450	350				B1	0.3-3.5	1	4.2	2-4	ceramic	sherd	body	Accokeek	n/a	fine sand	cordmarked	smoothed over	very soft paste, cord overstamped--
18MO749	78	1/4"	STP		450	350				B1	0.3-3.5	2	3.4	<2	ceramic	sherd	residual	residual sherd	n/a	n/a	n/a	n/a	
18MO749	79	1/4"	STP		450	200				B1	0.4-3.5	1	14.6	4-5	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	79	1/4"	STP		450	200				B1	0.4-3.5	2	2.3	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	79	1/4"	STP		450	200				B1	0.4-3.5	7	4.5	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	79	1/4"	STP		450	200				B1	0.4-3.5	2	0.2	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	79	1/4"	STP		450	200				B1	0.4-3.5	1	18.0	4-6	ceramic	sherd	body	Potomac Creek	n/a	crushed quartz	cordmarked	smoothed over	
18MO749	80	1/4"	STP		550	465				B1	0.4-1.7	1	18.3	4-5	lithic	debitage	secondary	flake, complete	quartz	white	grainy		
18MO749	81	surface			552	234				Surface		1	3.5	3-4	lithic	debitage	secondary	flake, fragment	quartz	white	grainy		
18MO749	81	surface			552	234				Surface		1	1.8	2-3	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	81	surface			552	234				Surface		1	5.6	3-4	lithic	tool	fragment	biface, mid stage	quartz	white	grainy		ovate form, distal to midsection. B
18MO749	81	surface			552	234				Surface		1	13.2	4-5	lithic	tool	secondary	side scraper, type IV	quartz	white	grainy		coarse bifacial retouch along singl
18MO749	82	surface			552	238				Surface		1	5.2	3-4	lithic	tool	tertiary	graver	quartz	white	grainy		unifacial retouch to dorsal distal margin on a complete flake

Site	Bag	Method	STP/TU/ TR/MD	STP/TU/ TR/MD	North	East	Fea	Zone/ Level	Strat	Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	EST element	Comments
18MO749	82	surface			552	238				Surface		1	3.5	2-3	lithic	tool	partial	ppk, untyped	rhyolite	weathered gray	aphyric		missing stem and distal fragment. Biconvex x-section with straight blade margins. *28.2mm long,
18MO749	83	surface			550	351				Surface		1	1760.0	>5	lithic	tool	complete	poss. anvil/bipolar hammer, co	quartzite	brown			
18MO749	84	surface			547	468				Surface		1	3300.0	>5	lithic	tool	fragment	poss. metate/anvil/core	quartzite	reddish brown			most sides show the same weathering and pitting, flakes removed from one end
18MO749	233	1/4"	STP		600	350				Oi	0-0.8	1	0.7	1-2	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		
18MO749	233	1/4"	STP		600	350				Oi	0-0.8	1	0.1	<1	lithic	debitage	tertiary	flake, fragment	quartz	white	grainy		

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH60344	18MO751	1	L1	STP	3	500	585			I	0.5-1.2	1	0.9		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60345	18MO751	1	L1	STP	3	500	585			I	0.5-1.2	1	46.4		historic	metal	head/shank	nail, not wire	iron alloy		architecture	round, possibly rose head?; heavily corroded
CHOH-00570	CHOH60346	18MO751	1	L1	STP	3	500	585			I	0.5-1.2	1	0.8		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	nail or can edge
CHOH-00570	CHOH60347	18MO751	2	L1	STP	3	500	585			I	0-0.5	1	56.8		historic	ceramic	fragment	brick			architecture	2 partial faces
CHOH-00570	CHOH60348	18MO751	2	L1	STP	3	500	585			I	0-0.5	2	1.8		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60349	18MO751	2	L1	STP	3	500	585			I	0-0.5	2	0.2		historic	glass	body	container, unid.		opaque white	kitchen	very thin
CHOH-00570	CHOH60350	18MO751	3	L1	STP	4	500	516			I	0-1	1	6.2		historic	faunal	fragment	oyster shell	shell		kitchen	
CHOH-00570	CHOH60351	18MO751	3	L1	STP	4	500	516			I	0-1	4	3.3		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60352	18MO751	3	L1	STP	4	500	516			I	0-1	1	17.3		historic	metal	complete	nail, wrought	iron alloy		architecture	rose head; 3.5"
CHOH-00570	CHOH60353	18MO751	3	L1	STP	4	500	516			I	0-1	1	120.5		historic	metal	fragment	chain, link	iron alloy		activities	link split; heavily corroded
CHOH-00570	CHOH60354	18MO751	3	L1	STP	4	500	516			I	0-1	1	13.3		historic	ceramic	rim	whiteware, blue shell edge	tableware, unid.	blue	kitchen	not embossed/not scalloped; possible saucer, vessel diameter around 7" (around 10%)
CHOH-00570	CHOH60355	18MO751	3	L1	STP	4	500	516			I	0-1	1	0.6		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60356	18MO751	3	L1	STP	4	500	516			I	0-1	1	1.0		historic	ceramic	body	whiteware, red transfer print	tableware, unid.		kitchen	unid. floral pattern
CHOH-00570	CHOH60357	18MO751	3	L1	STP	4	500	516			I	0-1	1	4.8	3-4	prehistoric	tool	tertiary	graver	quartz	white	grainy	
CHOH-00570	CHOH60358	18MO751	4	L1	STP	5	515	650			I	0-1	1	146.5		historic	ceramic	fragment	brick			architecture	3 partial faces; almost 1/8 of brick
CHOH-00570	CHOH60359	18MO751	4	L1	STP	5	515	650			I	0-1	1	0.3		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60360	18MO751	4	L1	STP	5	515	650			I	0-1	1	1.9		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60361	18MO751	4	L1	STP	5	515	650			I	0-1	2	14.4		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60362	18MO751	4	L1	STP	5	515	650			I	0-1	5	5.5		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60363	18MO751	4	L1	STP	5	515	650			I	0-1	1	13.9		historic	metal	head/shank	nail, unid.	iron alloy		architecture	
CHOH-00570	CHOH60364	18MO751	4	L1	STP	5	515	650			I	0-1	1	8.7		historic	metal	head/shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60365	18MO751	4	L1	STP	5	515	650			I	0-1	2	18.3		historic	metal	complete	nail, cut	iron alloy		architecture	2.5" and 2"
CHOH-00570	CHOH60366	18MO751	4	L1	STP	5	515	650			I	0-1	1	4.9		historic	metal	head/shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60367	18MO751	4	L1	STP	5	515	650			I	0-1	2	13.3		historic	metal	complete	nail, wire	iron alloy		architecture	2.5"
CHOH-00570	CHOH60368	18MO751	5	L1	STP	6	500	655			I	0-0.5	1	2.4		historic	metal	complete	nail, wire	iron alloy		architecture	2.5"
CHOH-00570	CHOH60369	18MO751	5	L1	STP	6	500	655			I	0-0.5	1	4.5		historic	metal	shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60370	18MO751	5	L1	STP	6	500	655			I	0-0.5	4	17.0		historic	metal	complete	nail, cut	iron alloy		architecture	2", 2.25", and 2.5"
CHOH-00570	CHOH60371	18MO751	5	L1	STP	6	500	655			I	0-0.5	1	1.5		historic	metal	head/shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60372	18MO751	5	L1	STP	6	500	655			I	0-0.5	2	15.7		historic	metal	shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60373	18MO751	5	L1	STP	6	500	655			I	0-0.5	1	0.5		historic	composite	fragment	button, porcelain	porcelain/iron alloy	white	clothing	plain white domed porcelain button with metal shank; not enough of shank present to determine type
CHOH-00570	CHOH60374	18MO751	6	L1	STP	7	485	650			I	0-0.7	1	1.2		historic	faunal	fragment	oyster shell	shell		kitchen	
CHOH-00570	CHOH60375	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	8.1		historic	metal	fragment	nail, unid.	iron alloy		architecture	heavily corroded; might be two nails
CHOH-00570	CHOH60376	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	8.0		historic	metal	head/shank	nail, cut	iron alloy		architecture	end of shank heavily corroded
CHOH-00570	CHOH60377	18MO751	7	L1	STP	8	500	665			I	0-1.1	2	10.7		historic	metal	head/shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60378	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	20.2		historic	metal	shank	nail, wire	iron alloy		architecture	roofing nail?
CHOH-00570	CHOH60379	18MO751	7	L1	STP	8	500	665			I	0-1.1	4	59.3		historic	metal	complete	nail, wire	iron alloy		architecture	4"
CHOH-00570	CHOH60380	18MO751	7	L1	STP	8	500	665			I	0-1.1	2	1.7		historic	faunal	fragment	oyster shell	shell		kitchen	
CHOH-00570	CHOH60381	18MO751	7	L1	STP	8	500	665			I	0-1.1	2	0.6		historic	faunal	fragment	calcined bone	bone		kitchen	mammal
CHOH-00570	CHOH60382	18MO751	7	L1	STP	8	500	665			I	0-1.1	4	3.4		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60383	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	0.4		historic	glass	fragment	window glass		colorless	architecture	
CHOH-00570	CHOH60384	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	9.9		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	likely pre-1860
CHOH-00570	CHOH60385	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	0.6		historic	ceramic	body	porcelain	hollowware, unid.		kitchen	
CHOH-00570	CHOH60386	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	0.8		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60387	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	2.1		historic	glass	body	container, unid.		*amethyst tint	kitchen	not sure if it's a bottle or a bowl
CHOH-00570	CHOH60388	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	2.8		historic	glass	fragment	glass, unid.		colorless	miscellaneous	
CHOH-00570	CHOH60389	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	1.4		historic	ceramic	base	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. decoration
CHOH-00570	CHOH60390	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	0.5		historic	glass	body	container, bottle		light aqua	kitchen	molded "B(?)AL"
CHOH-00570	CHOH60391	18MO751	7	L1	STP	8	500	665			I	0-1.1	1	0.3		historic	glass	base	container, unid.		colorless	kitchen	mold seam near curve
CHOH-00570	CHOH60392	18MO751	8	L1	STP	9	500	715			I	0-1	1	13.9		historic	metal	complete	nail, wire	iron alloy		architecture	4.25"
CHOH-00570	CHOH60393	18MO751	8	L1	STP	9	500	715			I	0-1	1	17.8		historic	glass	base	container, embossed unid.		light aqua	kitchen	embossed "R"; suction scar; pop bottle?
CHOH-00570	CHOH60394	18MO751	9	L2	STP	10	435	525			I	0-0.8	2	0.4		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60395	18MO751	10	L2	STP	11	435	550			I	0-0.9	1	193.3		historic	ceramic	body	Albany slipped stoneware	industrial		miscellaneous	interior and exterior glazed, curvature does not suggest sewar pipe and paste is a too refined for that, but almost 1 inch thick so does not look like a kitchen vessel
CHOH-00570	CHOH60396	18MO751	10	L2	STP	11	435	550			I	0-0.9	1	12.7		historic	ceramic	rim	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. floral
CHOH-00570	CHOH60397	18MO751	10	L2	STP	11	435	550			I	0-0.9	1	0.5		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60398	18MO751	10	L2	STP	11	435	550			I	0-0.9	1	10.5		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60399	18MO751	10	L2	STP	11	435	550			I	0-0.9	1	47.2		historic	metal	complete	spike, cut	iron alloy		architecture	5.5"
CHOH-00570	CHOH60400	18MO751	10	L2	STP	11	435	550			I	0-0.9	1	0.4		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60401	18MO751	10	L2	STP	11	435	550			I	0-0.9	2	3.3		historic	glass	body	container, unid.		light aqua	kitchen	one has mold seam
CHOH-00570	CHOH60402	18MO751	10	L2	STP	11	435	550			I	0-0.9	1	0.3		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60403	18MO751	11	L2	STP	12	415	525			Fill	0-0.6	1	1.3		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60404	18MO751	12	L2	STP	12	415	525			I	0.6-1.2	1	31.5		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH60405	18MO751	12	L2	STP	12	415	525			I	0.6-1.2	2	99.0		historic	ceramic	fragment	brick			architecture	may be part of same brick; 2-3 faces present
CHOH-00570	CHOH60406	18MO751	12	L2	STP	12	415	525			I	0.6-1.2	1	0.3		historic	glass	body	container, unid.		light aqua	kitchen	
CHOH-00570	CHOH60407	18MO751	12	L2	STP	12	415	525			I	0.6-1.2	1	0.2		historic	ceramic	body	whiteware, black transfer print	tableware, unid.		kitchen	unid. decoration
CHOH-00570	CHOH60408	18MO751	12	L2	STP	12	415	525			I	0.6-1.2	1	0.3		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60409	18MO751	12	L2	STP	12	415	525			I	0.6-1.2	1	0.9		historic	faunal	fragment	oyster shell	shell		kitchen	
CHOH-00570	CHOH60410	18MO751	12	L2	STP	12	415	525			I	0.6-1.2	1	6.1		historic	glass	body	container, bottle		olive green	kitchen	
CHOH-00570	CHOH60411	18MO751	12	L2	STP	12	415	525			I	0.6-1.2	1	1.2		prehistoric	debitage	tertiary	flake fragment	quartz	white	grainy	
CHOH-00570	CHOH60412	18MO751	13	L2	STP	13	415	550			I	0-0.6	1	12.8		historic	ceramic	fragment	brick			architecture	
CHOH-00570	CHOH60413	18MO751	13	L2	STP	13	415	550			I	0-0.6	1	3.7		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60414	18MO751	13	L2	STP	13	415	550			I	0-0.6	1	2.8		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60415	18MO751	13	L2	STP	13	415	550			I	0-0.6	1	0.9		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60416	18MO751	13	L2	STP	13	415	550			I	0-0.6	1	0.3		prehistoric	debitage	tertiary	flake fragment	quartz	white	grainy	
CHOH-00570	CHOH60417	18MO751	14	L2	STP	14	425	575			II	0.7-1.3	1	0.1		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60418	18MO751	14	L2	STP	14	425	575			II	0.7-1.3	1	0.1		historic	ceramic	body	whiteware, red transfer print	tableware, unid.		kitchen	unid. floral pattern
CHOH-00570	CHOH60419	18MO751	14	L2	STP	14	425	575			II	0.7-1.3	1	1.1		historic	ceramic	rim	whiteware, blue shell edge	tableware, unid.	blue	kitchen	slightly embossed, not scalloped
CHOH-00570	CHOH60420	18MO751	14	L2	STP	14	425	575			II	0.7-1.3	1	1.0		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH60421	18MO751	14	L2	STP	14	425	575			II	0.7-1.3	1	3.2		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60422	18MO751	15	L2	STP	14	425	575			I	0-0.7	1	2.9		historic	faunal	fragment	oyster shell	shell		kitchen	
CHOH-00570	CHOH60423	18MO751	15	L2	STP	14	425	575			I	0-0.7	1	1.7		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60424	18MO751	15	L2	STP	14	425	575			I	0-0.7	2	0.4		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60425	18MO751	16	L2	STP	15	385	575			I	0-0.8	1	17.6		historic	faunal	fragment	oyster shell	shell		kitchen	
CHOH-00570	CHOH60426	18MO751	17	L2	STP	16	360	550			I	0-1.2	1	10.5		historic	faunal	fragment	oyster shell	shell		kitchen	
CHOH-00570	CHOH60427	18MO751	17	L2	STP	16	360	550			I	0-1.2	1	2.2		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60428	18MO751	17	L2	STP	16	360	550			I	0-1.2	1	7.5		historic	metal	rim	container, can	iron alloy		kitchen	folded rim of can
CHOH-00570	CHOH60429	18MO751	18	L2	STP	16	360	550			I	0	1	379.7		historic	ceramic	fragment	brick			architecture	3 faces
CHOH-00570	CHOH60430	18MO751	18	L2	STP	16	360	550			I	0	1	21.9		historic	glass	body	container, embossed unid.		olive green	kitchen	embossed "…ITTSBUR…/PA"; first part on rough curve over "PA"; panel bottle of some sort?
CHOH-00570	CHOH60431	18MO751	18	L2	STP	16	360	550			I	0	1	22.4		historic	ceramic	body	redware, manganese mottled	hollowware, unid.		kitchen	
CHOH-00570	CHOH60432	18MO751	19	L2	STP	18	385	665			I	0-0.9	1	3.4		historic	ceramic	fragment	brick			architecture	
CHOH-00570	CHOH60433	18MO751	20	L1	STP	21	500	685			I	0-0.9	3	1.6		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60434	18MO751	20	L1	STP	21	500	685			I	0-0.9	1	1.0		historic	glass	base	container, unid.		light aqua	kitchen	mold seam visible
CHOH-00570	CHOH60435	18MO751	20	L1	STP	21	500	685			I	0-0.9	1	1.2		historic	glass	body	container, embossed unid.		colorless	kitchen	embossed "CHE/N"
CHOH-00570	CHOH60436	18MO751	20	L1	STP	21	500	685			I	0-0.9	1	5.8		historic	ceramic	rim	ironstone, polychrome decal decorated		polychrome	kitchen	embossed edge
CHOH-00570	CHOH60437	18MO751	21	L1	STP	22	515	635			I	0-0.7	2	3.9		historic	metal	complete	nail, cut	iron alloy		architecture	unpinched, post 1830s types. 1 1/4' and 1 3/4"
CHOH-00570	CHOH60438	18MO751	21	L1	STP	22	515	635			I	0-0.7	1	5.2		historic	metal	head/shank	nail, not wire	iron alloy		architecture	
CHOH-00570	CHOH60439	18MO751	21	L1	STP	22	515	635			I	0-0.7	1	1.3		historic	ceramic	base	whiteware, light blue transfer print	tableware, unid.		kitchen	unid. pattern name or makers mark
CHOH-00570	CHOH60440	18MO751	21	L1	STP	22	515	635			I	0-0.7	2	1.6		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60441	18MO751	21	L1	STP	22	515	635			I	0-0.7	1	2.5		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	spalled interior
CHOH-00570	CHOH60442	18MO751	21	L1	STP	22	515	635			I	0-0.7	1	0.6		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH60443	18MO751	21	L1	STP	22	515	635			I	0-0.7	1	0.5		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60444	18MO751	21	L1	STP	22	515	635			I	0-0.7	1	0.4		historic	ceramic	complete	button, Prosser type		white	clothing	11mm diam, four hole
CHOH-00570	CHOH60445	18MO751	22	L1	STP	23	515	700			I	0-1	1	44.6		historic	ceramic	fragment	brick			architecture	no diagnostic margins
CHOH-00570	CHOH60446	18MO751	22	L1	STP	23	515	700			I	0-1	1	8.5		historic	ceramic	rim	gray salt glazed stoneware	utilitarian, hollowware		kitchen	plain rounded lip. ~4"diam opening. Washed interior
CHOH-00570	CHOH60447	18MO751	23	L2	STP	24	440	575			I	0-0.7	1	0.3		historic	ceramic	body	whiteware, red spongeware	tableware, unid.		kitchen	
CHOH-00570	CHOH60448	18MO751	23	L2	STP	24	440	575			I	0-0.7	1	8.8		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	unglazed interior
CHOH-00570	CHOH60449	18MO751	23	L2	STP	24	440	575			I	0-0.7	3	4.0		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60450	18MO751	23	L2	STP	24	440	575			I	0-0.7	1	0.7		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60451	18MO751	23	L2	STP	24	440	575			I	0-0.7	2	1.7		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60452	18MO751	23	L2	STP	24	440	575			I	0-0.7	1	6.1		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60453	18MO751	24	L2	STP	26	385	550			I	0-0.6	2	0.4		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60454	18MO751	24	L2	STP	26	385	550			I	0-0.6	2	1.4		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60455	18MO751	24	L2	STP	26	385	550			I	0-0.6	1	0.9		historic	glass	rim	container, bottle		olive green	kitchen	unid. finish
CHOH-00570	CHOH60456	18MO751	24	L2	STP	26	385	550			I	0-0.6	1	0.3		historic	ceramic	body	redware, clear lead glazed	utilitarian, hollowware		kitchen	glaze has mostly spalled off. One fragmentary section is left
CHOH-00570	CHOH60457	18MO751	25	L2	STP	27	375	565			I	0-0.8	1	2.5		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH60458	18MO751	26	L2	STP	28	450	625			I	0-0.7	1	2.3		historic	glass	body	container, unid.		amber	kitchen	
CHOH-00570	CHOH60459	18MO751	26	L2	STP	28	450	625			I	0-0.7	5	12.7		historic	glass	rim	container, jar		colorless	kitchen	machine made, continuous external thread
CHOH-00570	CHOH60460	18MO751	26	L2	STP	28	450	625			I	0-0.7	5	17.4		historic	glass	base	container, jar		colorless	kitchen	made by Anchor Hocking Glass Corp
CHOH-00570	CHOH60461	18MO751	26	L2	STP	28	450	625			I	0-0.7	22	46.1		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60462	18MO751	27	L2	STP	29	425	625			I	0-0.5	1	1.9		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60463	18MO751	28	L1	STP	30	515	600			I	0-0.8	2	2.9		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60464	18MO751	28	L1	STP	30	515	600			I	0-0.8	1	0.4		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60465	18MO751	28	L1	STP	30	515	600			I	0-0.8	1	5.0		historic	glass	body	container, embossed unid.		blue-green	kitchen	embossed, GE
CHOH-00570	CHOH60466	18MO751	28	L1	STP	30	515	600			I	0-0.8	1	6.2		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60467	18MO751	29	L1	STP	31	515	615			I	0-0.8	1	1.0		historic	ceramic	rim	whiteware, undecorated	tableware, hollowware		kitchen	

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH60468	18MO751	29	L1	STP	31	515	615			I	0-0.8	1	0.9		historic	fuel	fragment	coal			miscellaneous	
CHOH-00570	CHOH60469	18MO751	30	L1	STP	32	515	665			I	0-0.9	2	4.1		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60470	18MO751	30	L1	STP	32	515	665			I	0-0.9	1	3.4		historic	metal	head/shank	nail, cut	iron alloy		architecture	unpinched, post 1830 type
CHOH-00570	CHOH60471	18MO751	30	L1	STP	32	515	665			I	0-0.9	3	2.4		historic	ceramic	fragment	brick			architecture	
CHOH-00570	CHOH60472	18MO751	30	L1	STP	32	515	665			I	0-0.9	1	0.6		historic	metal	complete	rifle cartridge, 22LR	copper alloy		arms	spent
CHOH-00570	CHOH60473	18MO751	30	L1	STP	32	515	665			I	0-0.9	1	6.4		historic	metal	fragment	wire, unid.	iron alloy		miscellaneous	
CHOH-00570	CHOH60474	18MO751	31	L1	STP	33	530	650			I	0-0.7	1	20.6		historic	metal	fragment	unid. metal object	lead alloy		miscellaneous	
CHOH-00570	CHOH60475	18MO751	31	L1	STP	33	530	650			I	0-0.7	1	5.6		historic	metal	complete	nail, cut	iron alloy		architecture	2.5", unpinched, post 1830 type
CHOH-00570	CHOH60476	18MO751	31	L1	STP	33	530	650			I	0-0.7	1	1.6		historic	ceramic	rim	whiteware, undecorated	tableware, flatware		kitchen	impressed
CHOH-00570	CHOH60477	18MO751	31	L1	STP	33	530	650			I	0-0.7	1	0.8		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60478	18MO751	32	L1	STP	34	530	665			I	0-0.6	2	1.1		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60479	18MO751	32	L1	STP	34	530	665			I	0-0.6	1	8.8		historic	glass	fragment	container, canning jar lid liner		opaque white	kitchen	
CHOH-00570	CHOH60480	18MO751	32	L1	STP	34	530	665			I	0-0.6	1	0.4		historic	glass	body	container, embossed unid.		colorless	kitchen	fine embossing
CHOH-00570	CHOH60481	18MO751	32	L1	STP	34	530	665			I	0-0.6	1	0.8		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	floral
CHOH-00570	CHOH60482	18MO751	32	L1	STP	34	530	665			I	0-0.6	1	0.4		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	rim chip
CHOH-00570	CHOH60483	18MO751	32	L1	STP	34	530	665			I	0-0.6	1	0.9		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60484	18MO751	33	L1	STP	35	485	635			I	0-0.8	1	3.1		historic	metal	shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60485	18MO751	34	L3	STP	J3	420	650			I	0-0.6	1	18.0		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	~9-10" diam
CHOH-00570	CHOH60486	18MO751	35	L2	STP	36	345	550			I	0-0.7	1	59.1		historic	ceramic	body	brown salt glazed stoneware, bottle	utilitarian, hollowware		kitchen	cylindrical mineral water type bottle, unglazed interior
CHOH-00570	CHOH60487	18MO751	35	L2	STP	36	345	550			I	0-0.7	1	1.0		historic	ceramic	rim	whiteware, blue spongeware	tableware, unid.		kitchen	
CHOH-00570	CHOH60488	18MO751	35	L2	STP	36	345	550			I	0-0.7	1	1.3		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60489	18MO751	36	L2	STP	38	345	535			I	0-1.3	5	65.9		historic	ceramic	fragment	brick			architecture	no diagnostic margins
CHOH-00570	CHOH60490	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	4	13.4		historic	fuel	fragment	coal			miscellaneous	
CHOH-00570	CHOH60491	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	10	23.7		historic	fuel	fragment	slag			miscellaneous	
CHOH-00570	CHOH60492	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	21	28.8		historic	glass	fragment	window glass		aqua	architecture	some warped from heat
CHOH-00570	CHOH60493	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	6	14.2		historic	ceramic	fragment	brick			architecture	no diagnostic margins
CHOH-00570	CHOH60494	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	3	7.1		historic	faunal	fragment	cortical bone			kitchen	
CHOH-00570	CHOH60495	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	2	4.6		historic	glass	body	container, unid.		*amethyst tint	kitchen	
CHOH-00570	CHOH60496	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	2	0.5		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60497	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	8.6		historic	glass	body	container, embossed unid.		colorless	kitchen	unid. embossing
CHOH-00570	CHOH60498	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	13.5		historic	glass	complete	container, perfume bottle		colorless	personal	Art Deco keystone form, external thread, tooled finish
CHOH-00570	CHOH60499	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	0.5		historic	ceramic	half	button, Prosser type		white	clothing	16mm diam, four hole
CHOH-00570	CHOH60500	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	1.0		historic	ceramic	base	porcelain, toy plate	tableware, flatware		activities	
CHOH-00570	CHOH60501	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	1.0		historic	ceramic	bowl	anthropomorphic figural pipe			tobacco	partial face, possibly a campaign/political pipe, dark soft paste, dark reddish brown glaze
CHOH-00570	CHOH60502	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	0.8		historic	ceramic	stem	ball clay pipe fragment			tobacco	~5/64 diam
CHOH-00570	CHOH60503	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	0.9		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60504	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	5.1		historic	ceramic	body	whiteware, handpainted polychrome	tableware, unid.		kitchen	chrome colors
CHOH-00570	CHOH60505	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	0.5		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60506	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	0.6		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60507	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	1.8		historic	ceramic	body	refined earthenware, unid.	tableware, unid.		kitchen	all glaze has spalled
CHOH-00570	CHOH60508	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	4.8		historic	ceramic	rim	redware, undecorated	utilitarian, hollowware		kitchen	poss. flower pot
CHOH-00570	CHOH60509	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	2.3		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	unwashed interior
CHOH-00570	CHOH60510	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	5.9		historic	metal	fragment	shotgun brass	copper alloy		arms	PETERS TARGET No. 12
CHOH-00570	CHOH60511	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	1.6		historic	metal	complete	nail, wire	iron alloy		architecture	1.5"
CHOH-00570	CHOH60512	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	2	2.2		historic	metal	shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60513	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	2	4.2		historic	metal	head/shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60514	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	3	19.1		historic	metal	complete	nail, cut	iron alloy		architecture	2.5" unpinched post 1830 type
CHOH-00570	CHOH60515	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	11	33.3		historic	metal	head/shank	nail, cut	iron alloy		architecture	unpinched post 1830 type
CHOH-00570	CHOH60516	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	6.5		historic	metal	complete	nail, cut	iron alloy		architecture	2" heavily corroded
CHOH-00570	CHOH60517	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	6	55.4		historic	metal	head/shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60518	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	57.6		historic	metal	complete	spike, cut	iron alloy		architecture	4" heavily corroded
CHOH-00570	CHOH60519	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	2	42.6		historic	metal	head/shank	spike, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60520	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	6	14.3		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	sheet iron nodules
CHOH-00570	CHOH60521	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	25.3		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	square terminus with tapered shank
CHOH-00570	CHOH60522	18MO751	37	L1	TU	2	500	625		1	I	0-0.35	1	33.4		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	conical taper with residual threading
CHOH-00570	CHOH60523	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	2	5.2		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60524	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	1.0		historic	faunal	fragment	cancellous bone			kitchen	
CHOH-00570	CHOH60525	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	60	44.8		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60526	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	2.5		historic	glass	body	container, unid.		*amethyst tint	kitchen	
CHOH-00570	CHOH60527	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	9.5		historic	glass	rim	pressed glass, lid	tableware, hollowware	colorless	kitchen	feather and dot motif, mechanically pressed
CHOH-00570	CHOH60528	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	5	1.9		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60529	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.2		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60530	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.2		historic	glass	complete	bead, wound		colorless	clothing	round
CHOH-00570	CHOH60531	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.6		historic	ceramic	complete	button, Prosser type		white	clothing	13mm diam, four hole
CHOH-00570	CHOH60532	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.1		historic	faunal	fragment	button, mother of pearl		white	clothing	

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH60533	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.1		historic	faunal	fragment	tortoise shell?		amber	miscellaneous	handle fragment?
CHOH-00570	CHOH60534	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	10.1		historic	metal	complete	key	iron alloy		furniture	short cylinder, likely clock key
CHOH-00570	CHOH60535	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.3		historic	metal	complete	stud	iron alloy		clothing	two piece press stud
CHOH-00570	CHOH60536	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	2	0.5		historic	ebot	fragment	charcoal			miscellaneous	
CHOH-00570	CHOH60537	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	5	6.7		historic	ebot	fragment	wood and charcoal			miscellaneous	
CHOH-00570	CHOH60538	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.5		historic	fuel	fragment	coal			miscellaneous	
CHOH-00570	CHOH60539	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	5.4		historic	ceramic	rim	whiteware, handpainted polychrome	tableware, flatware		kitchen	chrome colors
CHOH-00570	CHOH60540	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	2	5.2		historic	ceramic	body	whiteware, handpainted polychrome	tableware, flatware		kitchen	chrome colors
CHOH-00570	CHOH60541	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	5	6.7		historic	ceramic	body	pearlware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60542	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	1.6		historic	ceramic	rim	whiteware, blue shell edge	tableware, flatware		kitchen	impressed curved lines, unscalloped
CHOH-00570	CHOH60543	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	1.8		historic	ceramic	rim	whiteware, medium blue transfer print	tableware, flatware		kitchen	unid. motif
CHOH-00570	CHOH60544	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	2.0		historic	ceramic	rim	pearlware, undecorated	tableware, flatware		kitchen	
CHOH-00570	CHOH60545	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	6.6		historic	ceramic	body	yellowware, undecorated	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60546	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.3		historic	ceramic	body	whiteware, factory slipped	tableware, hollowware		kitchen	mocha
CHOH-00570	CHOH60547	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.7		historic	ceramic	body	ironstone, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60548	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.4		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60549	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.6		historic	ceramic	body	refined earthenware, unid.	tableware, unid.		kitchen	
CHOH-00570	CHOH60550	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	0.7		historic	ceramic	base	ironstone, undecorated	tableware, unid.		kitchen	poss. child's set
CHOH-00570	CHOH60551	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	2.4		historic	ceramic	body	porcelain, figurine			activities	painted doll's head fragment
CHOH-00570	CHOH60552	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	2	127.6		historic	metal	fragment	chain, links	iron alloy		activities	oval links, non twisted
CHOH-00570	CHOH60553	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	3	148.4		historic	metal	complete	spike, wire	iron alloy		architecture	6"
CHOH-00570	CHOH60554	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	5	0.4		historic	ceramic	fragment	mortar			architecture	
CHOH-00570	CHOH60555	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	2	0.6		historic	ceramic	fragment	brick			architecture	
CHOH-00570	CHOH60556	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	3	62.7		historic	metal	complete	spike, wire	iron alloy		architecture	5"
CHOH-00570	CHOH60557	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	3	45.3		historic	metal	complete	nail, wire	iron alloy		architecture	4"
CHOH-00570	CHOH60558	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	10	53.6		historic	metal	complete	nail, wire	iron alloy		architecture	3"
CHOH-00570	CHOH60559	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	8	23.8		historic	metal	complete	nail, wire	iron alloy		architecture	2"
CHOH-00570	CHOH60560	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	2	1.7		historic	metal	complete	nail, wire	iron alloy		architecture	1"
CHOH-00570	CHOH60561	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	2	4.5		historic	metal	head/shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60562	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	12	26.6		historic	metal	shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60563	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	18	18.6		historic	metal	complete	nail, cut	iron alloy		architecture	1 1/4" unpinched, post 1830 type
CHOH-00570	CHOH60564	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	5	12.7		historic	metal	complete	nail, cut	iron alloy		architecture	2" unpinched, post 1830 type
CHOH-00570	CHOH60565	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	17	82.6		historic	metal	complete	nail, cut	iron alloy		architecture	2 1/2" unpinched, post 1830 type
CHOH-00570	CHOH60566	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	7.9		historic	metal	complete	nail, cut	iron alloy		architecture	3" unpinched, post 1830 type
CHOH-00570	CHOH60567	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	1	17.0		historic	metal	complete	spike, cut	iron alloy		architecture	4" unpinched, post 1830 type
CHOH-00570	CHOH60568	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	29	64.8		historic	metal	head/shank	nail, cut	iron alloy		architecture	post 1830 type
CHOH-00570	CHOH60569	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	16	36.6		historic	metal	shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60570	18MO751	38	L1	TU	2	500	625		2	I	0.35-0.5	4	29.5		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	large iron fragments
CHOH-00570	CHOH60571	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	9	7.3		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60572	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	1.1		historic	ceramic	complete	button, Prosser type		white	clothing	16mm diam, two hole
CHOH-00570	CHOH60573	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	2.1		historic	glass	body	container, unid.		dark olive	kitchen	
CHOH-00570	CHOH60574	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	29	28.9		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60575	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	5	4.1		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60576	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	0.8		historic	glass	body	container, unid.		blue green	kitchen	
CHOH-00570	CHOH60577	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	7.1		historic	glass	base	pressed glass, drinking glass	tableware, hollowware	colorless	kitchen	
CHOH-00570	CHOH60578	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	5.1		historic	glass	rim	pressed glass, drinking glass	tableware, hollowware	colorless	kitchen	
CHOH-00570	CHOH60579	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	5.2		historic	glass	rim	pressed glass, depression era	tableware, flatware	light pink	kitchen	scalloped plate/saucer
CHOH-00570	CHOH60580	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	3	3.5		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60581	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	8.4		historic	ceramic	handle	gray salt glazed stoneware	utilitarian, hollowware		kitchen	burned loop handle
CHOH-00570	CHOH60582	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	15	20.5		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60583	18MO751	39	L1	TU	2	500	625		3	I	0 5-0.75	3	33.9		historic	ceramic	base	whiteware, black transfer print	tableware, unid.		kitchen	stamped P. REGOUT & Co. MADE IN HOLLAND makers mark, three mends
CHOH-00570	CHOH60584	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	6.7		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	impressed partial makers mark. 8, T, AB
CHOH-00570	CHOH60585	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	5.8		historic	ceramic	base	whiteware, banded	tableware, unid.		kitchen	mends
CHOH-00570	CHOH60586	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	9	47.5		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	mends
CHOH-00570	CHOH60587	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	4	20.2		historic	ceramic	rim	whiteware, undecorated	tableware, flatware		kitchen	
CHOH-00570	CHOH60588	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	5.3		historic	ceramic	rim	whiteware, impressed band	tableware, flatware		kitchen	
CHOH-00570	CHOH60589	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	1.4		historic	ceramic	rim	refined earthenware, unid.	tableware, flatware		kitchen	burned
CHOH-00570	CHOH60590	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	2	6.3		historic	ceramic	rim	whiteware, embossed	tableware, hollowware		kitchen	
CHOH-00570	CHOH60591	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	1.0		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60592	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	2	4.0		historic	ceramic	rim	whiteware, blue shell edge	tableware, flatware		kitchen	lightly impressed, curved lines, unscalloped
CHOH-00570	CHOH60593	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	0.5		historic	ceramic	rim	whiteware, polychrome spongeware	tableware, hollowware		kitchen	red and white
CHOH-00570	CHOH60594	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	0.3		historic	ceramic	rim	ironstone, undecorated	tableware, unid.		kitchen	rim chip
CHOH-00570	CHOH60595	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	0.2		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60596	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	0.4		historic	ceramic	base	porcelain, undecorated	tableware, unid.		kitchen	poss. child's set
CHOH-00570	CHOH60597	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	0.6		historic	ceramic	body	porcelain, undecorated	tableware, unid.		kitchen	

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CHOH-00570	CHOH60598	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	0.8		historic	ceramic	bowl	ball clay pipe fragment			tobacco	
CHOH-00570	CHOH60599	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	34.5		historic	metal	complete	adjustable pipe clamp	copper alloy		activities	1" diam
CHOH-00570	CHOH60600	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	12	55.2		historic	fuel	fragment	slag			miscellaneous	
CHOH-00570	CHOH60601	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	2.7		historic	fuel	fragment	coal			miscellaneous	
CHOH-00570	CHOH60602	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	3	20.7		historic	fuel	fragment	coal ash			miscellaneous	
CHOH-00570	CHOH60603	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	1.9		historic	ceramic	rim	stoneware, pipe, brown wash			architecture	
CHOH-00570	CHOH60604	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	47.3		historic	metal	complete	spike, wire	iron alloy		architecture	6"
CHOH-00570	CHOH60605	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	2	51.1		historic	metal	complete	spike, wire	iron alloy		architecture	5"
CHOH-00570	CHOH60606	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	3	39.8		historic	metal	complete	nail, wire	iron alloy		architecture	4"
CHOH-00570	CHOH60607	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	7	50.1		historic	metal	complete	nail, wire	iron alloy		architecture	3"
CHOH-00570	CHOH60608	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	2	5.0		historic	metal	complete	nail, wire	iron alloy		architecture	2"
CHOH-00570	CHOH60609	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	1.0		historic	metal	complete	nail, wire	iron alloy		architecture	1"
CHOH-00570	CHOH60610	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	2	7.9		historic	metal	head/shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60611	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	5	11.4		historic	metal	shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60612	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	26	201.2		historic	metal	fragment	nail, unid.	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60613	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	4	117.3		historic	metal	head/shank	spike, cut	iron alloy		architecture	
CHOH-00570	CHOH60614	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	20.2		historic	metal	shank	spike, wrought?	iron alloy		architecture	
CHOH-00570	CHOH60615	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	2	110.3		historic	metal	complete	spike, wrought?	iron alloy		architecture	4 1/2"
CHOH-00570	CHOH60616	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	10	35.8		historic	metal	head/shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60617	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	13	47.0		historic	metal	shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60618	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	15.1		historic	metal	complete	nail, cut	iron alloy		architecture	2 1/2" heavily corroded
CHOH-00570	CHOH60619	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	5	18.6		historic	metal	complete	nail, cut	iron alloy		architecture	2" heavily corroded
CHOH-00570	CHOH60620	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	5	4.7		historic	metal	complete	nail, cut	iron alloy		architecture	1 1/4" unpinched, post 1830 type
CHOH-00570	CHOH60621	18MO751	39	L1	TU	2	500	625		3	I	0.5-0.75	1	90.4		historic	metal	complete	tool, unid.	iron alloy		activities	a type of punch, mushroomed striking platform
CHOH-00570	CHOH60622	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	19	31.1		historic	glass	fragment	window glass		aqua	architecture	most heat altered
CHOH-00570	CHOH60623	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	3	9.3		historic	glass	fragment	melted		aqua	miscellaneous	nodules, likely window fragments
CHOH-00570	CHOH60624	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	1	2.5		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60625	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	1	0.1		historic	faunal	fragment	calcined bone			kitchen	
CHOH-00570	CHOH60626	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	2	1.5		historic	glass	body	container, unid.		amber	kitchen	
CHOH-00570	CHOH60627	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	2	1.2		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60628	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	1	1.9		historic	ceramic	body	whiteware, reticulated	tableware, unid.		kitchen	
CHOH-00570	CHOH60629	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	2	28.8		historic	metal	complete	nail, wire	iron alloy		architecture	4"
CHOH-00570	CHOH60630	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	7	44.4		historic	metal	complete	nail, wire	iron alloy		architecture	3"
CHOH-00570	CHOH60631	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	13	37.0		historic	metal	complete	nail, wire	iron alloy		architecture	2"
CHOH-00570	CHOH60632	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	4	8.3		historic	metal	complete	nail, wire	iron alloy		architecture	1"
CHOH-00570	CHOH60633	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	12	38.8		historic	metal	shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60634	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	2	15.3		historic	metal	complete	nail, cut	iron alloy		architecture	3" unpinched, post 1830 type
CHOH-00570	CHOH60635	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	4	18.7		historic	metal	complete	nail, cut	iron alloy		architecture	2 1/2" unpinched, post 1830 type
CHOH-00570	CHOH60636	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	9	29.1		historic	metal	complete	nail, cut	iron alloy		architecture	1 3/4" unpinched, post 1830 type
CHOH-00570	CHOH60637	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	2	3.8		historic	metal	complete	nail, cut	iron alloy		architecture	1" corroded
CHOH-00570	CHOH60638	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	8	22.1		historic	metal	head/shank	nail, cut	iron alloy		architecture	corroded
CHOH-00570	CHOH60639	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	11	22.4		historic	metal	shank	nail, cut	iron alloy		architecture	corroded
CHOH-00570	CHOH60640	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	1	17.4		historic	metal	head/shank	spike, cut	iron alloy		architecture	corroded
CHOH-00570	CHOH60641	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	1	0.8		historic	metal	complete	stud	iron alloy		clothing	two piece
CHOH-00570	CHOH60642	18MO751	40	L1	TU	1	495	630		1	I	0-0.25	3	14.4		historic	synthetic	fragment	Linoleum/vinyl flooring			architecture	burned (Likely asbestos content) discarded
CHOH-00570	CHOH60643	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	106	316.4		historic	glass	fragment	window glass		aqua	architecture	most have some degree of heat alteration
CHOH-00570	CHOH60644	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	2	4.6		historic	metal	incomplete	embossed stamped plate	copper alloy		miscellaneous	poss. furniture hardware pull plate or cap plate insignia. Coarsely perforated mounting hole. Fluted with partial bugle or ribbon on bottom center and Fleur-de-lis or flaming bomb at top center. Overall oval in form. Likely die struck.
CHOH-00570	CHOH60645	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	0.5		historic	glass	body	container, unid.		light pink	kitchen	
CHOH-00570	CHOH60646	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	3.2		historic	glass	body	container, unid.		amber with olive tint	kitchen	
CHOH-00570	CHOH60647	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	2.5		historic	glass	body	container, embossed unid.		olive green	kitchen	likely embossed flask
CHOH-00570	CHOH60648	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	1.1		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60649	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	34.2		historic	glass	base	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60650	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	10.5		historic	glass	rim	container, bottle		amber	kitchen	machine made threaded
CHOH-00570	CHOH60651	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	3	9.9		historic	glass	base	container, bottle		amber	kitchen	stippled base
CHOH-00570	CHOH60652	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	6	9.9		historic	glass	body	container, unid.		amber	kitchen	
CHOH-00570	CHOH60653	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	2	5.7		historic	ceramic	body	whiteware, reticulated	tableware, unid.		kitchen	
CHOH-00570	CHOH60654	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	2	12.3		historic	ceramic	base	whiteware, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH60655	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	3	1.6		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60656	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	2.7		historic	ceramic	edge	whiteware, green handpainted	tableware, hollowware		kitchen	
CHOH-00570	CHOH60657	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	0.5		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	
CHOH-00570	CHOH60658	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	1.0		historic	ceramic	rim	whiteware, unid. blue edged ware	tableware, flatware		kitchen	
CHOH-00570	CHOH60659	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	2.5		historic	ceramic	rim	yellowware, undecorated	utilitarian, hollowware		kitchen	

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH60660	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	3.2		historic	ceramic	body	yellowware, undecorated	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60661	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	0.6		historic	ceramic	rim	porcelain, embossed	tableware, hollowware		kitchen	
CHOH-00570	CHOH60662	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	0.5		historic	ceramic	stem	ball clay pipe fragment			tobacco	3/32"
CHOH-00570	CHOH60663	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	4	42.0		historic	metal	fragment	nail, unid.	iron alloy		architecture	
CHOH-00570	CHOH60664	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	4	28.2		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	flat sheet iron
CHOH-00570	CHOH60665	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	91.6		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	cast iron grillwork, possible stove part
CHOH-00570	CHOH60666	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	9.2		historic	metal	fragment	utensil, spoon	iron alloy		kitchen	
CHOH-00570	CHOH60667	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	7.8		historic	metal	complete	hardware, wire threaded eye/hook	iron alloy		architecture	
CHOH-00570	CHOH60668	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	27.1		historic	metal	partial	object, unid.	iron alloy		activities	possible wrought handle or unid. tool
CHOH-00570	CHOH60669	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	1.0		historic	metal	complete	machine bolt	copper alloy		activities	domed head with standard flat
CHOH-00570	CHOH60670	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	10	167.2		historic	metal	complete	nail, wire	iron alloy		architecture	4"
CHOH-00570	CHOH60671	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	39	278.4		historic	metal	complete	nail, wire	iron alloy		architecture	3"
CHOH-00570	CHOH60672	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	2	7.7		historic	metal	complete	nail, wire	iron alloy		architecture	3" and 2 1/2" finishing nails
CHOH-00570	CHOH60673	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	38	137.9		historic	metal	complete	nail, wire	iron alloy		architecture	2"
CHOH-00570	CHOH60674	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	6	11.5		historic	metal	complete	nail, wire	iron alloy		architecture	1 1/2"
CHOH-00570	CHOH60675	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	6	17.1		historic	metal	complete	nail, wire	iron alloy		architecture	1" roofing nails
CHOH-00570	CHOH60676	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	7	15.1		historic	metal	head/shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60677	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	55	145.5		historic	metal	shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60678	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	2	20.4		historic	metal	complete	nail, cut	iron alloy		architecture	3" heavily corroded
CHOH-00570	CHOH60679	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	7	39.4		historic	metal	complete	nail, cut	iron alloy		architecture	2 1/2" heavily corroded
CHOH-00570	CHOH60680	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	62	195.7		historic	metal	complete	nail, cut	iron alloy		architecture	2" post 1830 type, some in relatively good condition
CHOH-00570	CHOH60681	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	51	129.3		historic	metal	head/shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60682	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	37	82.1		historic	metal	shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60683	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	7	61.6		historic	metal	shank	nail, wrought	iron alloy		architecture	wrought spikes
CHOH-00570	CHOH60684	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	5	42.5		historic	metal	head/shank	nail, cut	iron alloy		architecture	large
CHOH-00570	CHOH60685	18MO751	41	L1	TU	1	495	630		2	I	0.25-0.52	1	31.0		historic	metal	complete	nail, cut	iron alloy		architecture	4"
CHOH-00570	CHOH60686		41	L1	TU	1	495	630		2	I	0.25-0.52	4	6.0		historic	synthetic	fragment	Linoleum/vinyl flooring			architecture	burned (Likely asbestos content) discarded
CHOH-00570	CHOH60687	18MO751	42	L2	STP	39	475	525			I	0-0.5	1	1.1		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60688	18MO751	42	L2	STP	39	475	525			I	0-0.5	1	0.3		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60689	18MO751	43	L1	TU	1	495	630		3	II	0.77	1	13.0		prehistoric	tool	partial	ppk, Susquehanna Broadspear			prehistoric	biconvex x-section. Distal portion missing, transverse fracture. 38.4mm long*, 30.9mm wide, and 9.6mm thick. Stem 14.4mm long, 23.6mm wide, and a 19.9mm wide neck. Excurvate blade margins and concave base.
CHOH-00570	CHOH60690	18MO751	44	L1	TU	1	495	630		4	II	0.52-0.95	1	34.5		historic	ceramic	rim	pearlware, undecorated	utilitarian, hollowware		kitchen	chamberpot
CHOH-00570	CHOH60691	18MO751	44	L1	TU	1	495	630		4	II	0.52-0.95	1	0.3		historic	ceramic	rim	pearlware, undecorated	tableware, hollowware		kitchen	rim chip
CHOH-00570	CHOH60692	18MO751	44	L1	TU	1	495	630		4	II	0.52-0.95	2	0.6		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60693	18MO751	44	L1	TU	1	495	630		4	II	0.52-0.95	1	0.6		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60694	18MO751	45	L2	STP	41	475	575			I	0-0.6	1	14.9		historic	metal	complete	nail, not wire	iron alloy		architecture	
CHOH-00570	CHOH60695	18MO751	45	L2	STP	41	475	575			I	0-0.6	1	5.2		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	fragmentary makers mark
CHOH-00570	CHOH60696	18MO751	45	L2	STP	41	475	575			I	0-0.6	1	0.1		historic	ceramic	bowl	ball clay pipe fragment			tobacco	
CHOH-00570	CHOH60697	18MO751	45	L2	STP	41	475	575			I	0-0.6	1	0.9		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60698	18MO751	46	L1	TU	1	495	630		4	III	0.79-1.02	3	74.0		historic	metal	complete	nail, not wire	iron alloy		architecture	
CHOH-00570	CHOH60699	18MO751	46	L1	TU	1	495	630		4	III	0.79-1.02	1	3.1		historic	ceramic	bowl	ball clay pipe fragment			tobacco	rouletting along rim
CHOH-00570	CHOH60700	18MO751	46	L1	TU	1	495	630		4	III	0.79-1.02	1	0.7		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	motif unid.
CHOH-00570	CHOH60701	18MO751	46	L1	TU	1	495	630		4	III	0.79-1.02	1	0.4		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60702	18MO751	46	L1	TU	1	495	630		4	III	0.79-1.02	1	1.2		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60703	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	4	21.6		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	nodules
CHOH-00570	CHOH60704	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	8	71.6		historic	metal	head/shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60705	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	4	27.3		historic	metal	complete	nail, wire	iron alloy		architecture	3"
CHOH-00570	CHOH60706	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	3	39.2		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60707	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	9	6.6		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60708	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	3	11.6		historic	glass	body	container, embossed unid.		aqua	kitchen	unid. embossing
CHOH-00570	CHOH60709	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	0.6		historic	glass	body	container, unid.		yellowish amber	kitchen	
CHOH-00570	CHOH60710	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	3.6		historic	ceramic	bowl	ball clay pipe fragment			tobacco	
CHOH-00570	CHOH60711	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	3	2.4		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60712	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	2	7.6		historic	ceramic	body	whiteware, reticulated	tableware, unid.		kitchen	
CHOH-00570	CHOH60713	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	0.3		historic	ceramic	rim	whiteware, blue shell edge	tableware, unid.		kitchen	impressed curved lines
CHOH-00570	CHOH60714	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	0.4		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60715	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	4.6		historic	ceramic	body	whiteware, handpainted polychrome	tableware, unid.		kitchen	floral chrome colors
CHOH-00570	CHOH60716	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	2.5		historic	ceramic	base	whiteware, handpainted blue	tableware, hollowware		kitchen	footed base
CHOH-00570	CHOH60717	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	1.3		historic	ceramic	complete	button, Prosser type		white	clothing	16mm diam, four hole
CHOH-00570	CHOH60718	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	0.6		historic	ceramic	complete	button, Prosser type		white	clothing	13mm diam, four hole
CHOH-00570	CHOH60719	18MO751	47	L1	TU	1	495	630		3	II	0.52-0.77	1	0.2		historic	ceramic	complete	button, Prosser type		white	clothing	10mm diam, four hole
CHOH-00570	CHOH60720	18MO751	48	L2	SF	1							1	11 2	4-5	prehistoric	tool	partial	biface, late stage	quartz	white	grainy	missing distal and basal portions, biconvex x-section. 40.1mm long*, 26.7mm wide, and 8.8mm thick.
CHOH-00570	CHOH60721	18MO751	49	L2	STP	42	475	600			I	0-1	1	1.5		historic	ceramic	body	whiteware, handpainted polychrome	tableware, unid.		kitchen	floral chrome colors

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH60722	18MO751	49	L2	STP	42	475	600			I	0-1	1	1.1		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60723	18MO751	49	L2	STP	42	475	600			I	0-1	1	0.7		historic	ceramic	body	yellowware, undecorated	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60724	18MO751	49	L2	STP	42	475	600			I	0-1	1	0.7		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60725	18MO751	49	L2	STP	42	475	600			I	0-1	1	1.7		historic	glass	base	glassware, stemware	tableware, hollowware	colorless	kitchen	
CHOH-00570	CHOH60726	18MO751	49	L2	STP	42	475	600			I	0-1	1	1.2		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60727	18MO751	49	L2	STP	42	475	600			I	0-1	1	11.8		historic	metal	fragment	nail, not wire	iron alloy		architecture	
CHOH-00570	CHOH60728	18MO751	49	L2	STP	42	475	600			I	0-1	2	4.0		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60729	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	3	45.8		historic	metal	complete	nail, not wire	iron alloy		architecture	heavily encrusted
CHOH-00570	CHOH60730	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	9	89.7		historic	metal	fragment	nail, unid.	iron alloy		architecture	heavily encrusted
CHOH-00570	CHOH60731	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	2	4.8		historic	metal	shank	nail, wire	iron alloy		architecture	
CHOH-00570	CHOH60732	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	2	14.3		historic	metal	fragment	wire, unid.	iron alloy		miscellaneous	both with identical type of twist and hook
CHOH-00570	CHOH60733	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	42.7		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	nodule
CHOH-00570	CHOH60734	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	55.8		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	half circular fragment with hole
CHOH-00570	CHOH60735	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	46.8		historic	faunal	fragment	unid. large mammal bone			kitchen	cut
CHOH-00570	CHOH60736	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	3	3.9		historic	glass	fragment	window glass		aqua	architecture	heat altered
CHOH-00570	CHOH60737	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	0.8		historic	metal	complete	rifle cartridge, 22LR	copper alloy		arms	
CHOH-00570	CHOH60738	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	1.4		historic	glass	rim	glassware, unid.	tableware, hollowware	colorless	kitchen	
CHOH-00570	CHOH60739	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	1.0		historic	glass	body	container, embossed unid.		olive green	kitchen	embossed **BE**, looks to be related to a flask
CHOH-00570	CHOH60740	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	0.7		historic	glass	base	container, unid.		olive green	kitchen	pontil fragment?
CHOH-00570	CHOH60741	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	1.7		historic	ceramic	bowl	ball clay pipe fragment			tobacco	
CHOH-00570	CHOH60742	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	1.0		historic	ceramic	bowl	ball clay pipe fragment			tobacco	rouletted, partial makers mark, **54**
CHOH-00570	CHOH60743	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	0.7		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60744	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	1	0.6		historic	ceramic	body	whiteware, handpainted polychrome	tableware, unid.		kitchen	floral chrome colors
CHOH-00570	CHOH60745	18MO751	50	L1	TU	1	495	630		3	III	0.54-0.79	2	1.4		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60746	18MO751	51	L1	TU	1	495	630		5	IV	0.95-1.2	1	55.2		historic	metal	complete	nail, not wire	iron alloy		architecture	4"
CHOH-00570	CHOH60747	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	2	0.8		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60748	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	3.1		historic	glass	body	container, unid.		*amethyst tint	kitchen	
CHOH-00570	CHOH60749	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	14.9		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60750	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	13.3		historic	metal	head/shank	nail, unid.	iron alloy		architecture	
CHOH-00570	CHOH60751	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	3.0		historic	metal	head/shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60752	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	21.3		historic	ceramic	rim	whiteware, undecorated	tableware, flatware		kitchen	
CHOH-00570	CHOH60753	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	3.3		historic	ceramic	rim	whiteware, embossed	tableware, hollowware		kitchen	unid.
CHOH-00570	CHOH60754	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	2.7		historic	ceramic	rim	whiteware, blue shell edge	tableware, flatware		kitchen	unscalloped, impressed curved lines
CHOH-00570	CHOH60755	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	0.3		historic	ceramic	rim	whiteware, banded	tableware, hollowware		kitchen	green
CHOH-00570	CHOH60756	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	0.3		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	scalloped edge
CHOH-00570	CHOH60757	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	2.1		historic	ceramic	body	whiteware, undecorated	tableware, flatware		kitchen	handle remnant
CHOH-00570	CHOH60758	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	3	3.9		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60759	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	5.2		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60760	18MO751	52	L1	TU	2	500	625		4	II	0.75-0.8	1	4.7		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	unwashed interior
CHOH-00570	CHOH60761	18MO751	53	L1	TU	2	500	625					4	2.7		historic	fuel	fragment	slag			miscellaneous	
CHOH-00570	CHOH60762	18MO751	53	L1	TU	2	500	625					2	2.3		historic	ceramic	fragment	brick			architecture	
CHOH-00570	CHOH60763	18MO751	53	L1	TU	2	500	625					3	0.8		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60764	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	8.5		historic	metal	complete	nail, cut	iron alloy		architecture	3" heavily corroded
CHOH-00570	CHOH60765	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	2	7.6		historic	metal	complete	nail, cut	iron alloy		architecture	2" heavily corroded
CHOH-00570	CHOH60766	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	5	12.7		historic	metal	head/shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60767	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	6	13.1		historic	metal	shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60768	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	2	1.8	1-2	prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH60769	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	8	3.5		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60770	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	2.1		historic	glass	rim	glassware, unid.	tableware, hollowware	colorless	kitchen	
CHOH-00570	CHOH60771	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	2.6		historic	glass	body	glassware, unid.	tableware, hollowware	colorless	kitchen	
CHOH-00570	CHOH60772	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	0.3		historic	glass	body	container, unid.		yellowish amber	kitchen	
CHOH-00570	CHOH60773	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	1.5		historic	glass	body	container, unid.		old amber	kitchen	
CHOH-00570	CHOH60774	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	3.0		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH60775	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	1.5		historic	glass	body	container, unid.		citron green	kitchen	
CHOH-00570	CHOH60776	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	22.7		historic	glass	body	container, bottle		dark olive	kitchen	
CHOH-00570	CHOH60777	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	1.1		historic	glass	base	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60778	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	2.8		historic	glass	base	container, embossed unid.		aqua	kitchen	embossed base fragment, **RU**
CHOH-00570	CHOH60779	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	3	4.3		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60780	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	8.4		historic	glass	rim	container, bottle		aqua	kitchen	improved tooled patent finish
CHOH-00570	CHOH60781	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	23	177.7		historic	glass	body	container, embossed unid.		colorless	kitchen	embossed wavy lines on side with **ALED B OB**
CHOH-00570	CHOH60782	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	2	1.1		historic	glass	body	container, unid.		colorless	kitchen	thin bodied
CHOH-00570	CHOH60783	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	0.1		historic	faunal	fragment	cancellous bone			kitchen	
CHOH-00570	CHOH60784	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	2.2		historic	ceramic	bowl	ball clay pipe fragment			tobacco	fluted
CHOH-00570	CHOH60785	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	2	3.7		historic	ceramic	stem	ball clay pipe fragment			tobacco	5/64" diam
CHOH-00570	CHOH60786	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	4	5.0		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60787	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	15	29.6		historic	ceramic	body	pearlware, undecorated	tableware, unid.		kitchen	

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH60788	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	2	1.7		historic	ceramic	rim	whiteware, undecorated	tableware, flatware		kitchen	
CHOH-00570	CHOH60789	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	1.5		historic	ceramic	rim	whiteware, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH60790	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	3.1		historic	ceramic	base	pearlware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60791	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	0.7		historic	ceramic	body	refined earthenware, unid.	tableware, unid.		kitchen	all glaze spalled
CHOH-00570	CHOH60792	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	4.4		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	unwashed interior
CHOH-00570	CHOH60793	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	1.7		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	tan washed interior
CHOH-00570	CHOH60794	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	3.0		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60795	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	0.2		historic	ceramic	body	whiteware, dark blue transfer print	tableware, unid.		kitchen	unid. motif, likely negative printing
CHOH-00570	CHOH60796	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	1.3		historic	ceramic	rim	yellowware, undecorated	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60797	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	0.4		historic	ceramic	rim	yellowware, banded	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60798	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	3.0		historic	ceramic	rim	whiteware, factory slipped	utilitarian, hollowware		kitchen	banded and fields, pale orange and brown
CHOH-00570	CHOH60799	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	2.8		historic	ceramic	body	Rockingham, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH60800	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	2	5.1		historic	ceramic	body	redware, manganese mottled	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60801	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	2	8.6		historic	ceramic	body	redware, manganese enriched	utilitarian, hollowware		kitchen	Mid-Atlantic/Philadelphia-Style (heavily manganese-enriched)
CHOH-00570	CHOH60802	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	1.2		historic	ceramic	rim	pearlware, handpainted polychrome	tableware, flatware		kitchen	
CHOH-00570	CHOH60803	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	3	2.0		historic	ceramic	body	whiteware, handpainted polychrome	tableware, unid.		kitchen	
CHOH-00570	CHOH60804	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	0.9		historic	ceramic	body	whiteware, red spongeware	tableware, unid.		kitchen	
CHOH-00570	CHOH60805	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	0.5		historic	ceramic	rim	whiteware, red spongeware	tableware, flatware		kitchen	
CHOH-00570	CHOH60806	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	3.5		historic	ceramic	rim	whiteware, blue shell edge	tableware, flatware		kitchen	unscalloped, impressed curved lines
CHOH-00570	CHOH60807	18MO751	54	L2	TU	3	435	560		1	I	0-0.3	1	3.8		historic	ceramic	rim	pearlware, green embossed edge	tableware, flatware		kitchen	stylized foliage
CHOH-00570	CHOH60808	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.6		historic	faunal	fragment	cortical bone			kitchen	
CHOH-00570	CHOH60809	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	4.7		historic	faunal	complete	pig molar			kitchen	
CHOH-00570	CHOH60810	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	5	39.8		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60811	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.2		prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH60812	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	10.1		historic	metal	complete	nail, cut	iron alloy		architecture	3 1/2", heavily corroded
CHOH-00570	CHOH60813	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	5.9		historic	metal	complete	nail, cut	iron alloy		architecture	2 1/2", heavily corroded
CHOH-00570	CHOH60814	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	21	82.3		historic	metal	head/shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60815	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	9	24.6		historic	metal	shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60816	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	46.2		historic	metal	head/shank	spike, wrought	iron alloy		architecture	
CHOH-00570	CHOH60817	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	33.2		historic	metal	shank	spike, wrought	iron alloy		architecture	spatula tip
CHOH-00570	CHOH60818	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	5.4		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	sheet iron or scale
CHOH-00570	CHOH60819	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	5.8		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	nodule
CHOH-00570	CHOH60820	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	16	17.6		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60821	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	33	26.8		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60822	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	13.1		historic	glass	base	container, unid.		aqua	kitchen	cylindrical to oval
CHOH-00570	CHOH60823	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	4.4		historic	glass	body	container, embossed bottle		aqua	kitchen	likely flask form
CHOH-00570	CHOH60824	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	4.3		historic	glass	shoulder/neck	container, embossed bottle		aqua	kitchen	likely flask form
CHOH-00570	CHOH60825	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	13	4.9		historic	glass	body	container, unid.		colorless	kitchen	varying thicknesses
CHOH-00570	CHOH60826	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.9		historic	glass	body	container, embossed unid.		colorless	kitchen	dots
CHOH-00570	CHOH60827	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	1.3		historic	glass	rim	glassware, unid.	tableware, unid.	colorless	kitchen	
CHOH-00570	CHOH60828	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.4		historic	glass	body	glassware, unid.	tableware, unid.	colorless	kitchen	
CHOH-00570	CHOH60829	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.3		historic	glass	fragment	container, canning jar lid liner		opaque white	kitchen	
CHOH-00570	CHOH60830	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	5	6.3		historic	glass	body	container, unid.		blue green	kitchen	
CHOH-00570	CHOH60831	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	4.2		historic	glass	body	container, unid.		reddish amber	kitchen	
CHOH-00570	CHOH60832	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.4		historic	glass	body	container, unid.		yellowish amber	kitchen	
CHOH-00570	CHOH60833	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.7		historic	glass	body	container, unid.		old amber	kitchen	
CHOH-00570	CHOH60834	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	3.8		historic	glass	body	container, bottle		black olive amber	kitchen	
CHOH-00570	CHOH60835	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	8	21.6		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH60836	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.7		historic	ceramic	stem	ball clay pipe fragment			tobacco	3/32" diam
CHOH-00570	CHOH60837	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	6.1		historic	ceramic	stem	ball clay pipe fragment			tobacco	5/64" diam
CHOH-00570	CHOH60838	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	3	3.9		historic	ceramic	bowl	ball clay pipe fragment			tobacco	embossed leaf motif, 5/64" diam
CHOH-00570	CHOH60839	18MO751	55	L2	TU	3	435	560		2	I	0 25-0.5	3	1.8		historic	ceramic	body	redware, manganese enriched	utilitarian, hollowware		kitchen	Mid-Atlantic/Philadelphia-Style (heavily manganese-enriched)
CHOH-00570	CHOH60840	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	8	18.4		historic	ceramic	body	redware, manganese mottled	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60841	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	8.5		historic	ceramic	base	redware, manganese mottled	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60842	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	32.5		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	unwashed interior
CHOH-00570	CHOH60843	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	3	48.1		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	dark brown washed interior
CHOH-00570	CHOH60844	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	117.9		historic	ceramic	rim	brown salt glazed stoneware	utilitarian, hollowware		kitchen	chamberpot, dark brown washed interior, ovoid form with flat lip and lug handle. 8" diam
CHOH-00570	CHOH60845	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	3.7		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	unwashed interior, likely mineral water bottle
CHOH-00570	CHOH60846	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	3.6		historic	ceramic	body	red bodied stoneware	utilitarian, hollowware		kitchen	zoned fields, glossy glaze
CHOH-00570	CHOH60847	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	50	37.6		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60848	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	6.7		historic	ceramic	body	ironstone, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60849	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	2.3		historic	ceramic	rim	whiteware, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH60850	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	3	3.1		historic	ceramic	rim	pearlware, undecorated	tableware, flatware		kitchen	

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH60851	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.2		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60852	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.2		historic	ceramic	rim	whiteware, dark blue transfer print	tableware, flatware		kitchen	unid. motif, negative printing
CHOH-00570	CHOH60853	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	0.5		historic	ceramic	body	whiteware, red spongeware	tableware, unid.		kitchen	
CHOH-00570	CHOH60854	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.3		historic	ceramic	body	whiteware, factory slipped	tableware, unid.		kitchen	rouletting, green and black
CHOH-00570	CHOH60855	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	0.7		historic	ceramic	body	whiteware, sprig painted	tableware, unid.		kitchen	
CHOH-00570	CHOH60856	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	5.4		historic	ceramic	base	whiteware, blue transfer print	tableware, unid.		kitchen	partial makers mark
CHOH-00570	CHOH60857	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.1		historic	ceramic	rim	whiteware, blue shell edge	tableware, unid.		kitchen	impressed curved lines, rim chip
CHOH-00570	CHOH60858	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	2.5		historic	ceramic	rim	pearlware, blue embossed edge	tableware, flatware		kitchen	stylized foliage
CHOH-00570	CHOH60859	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	0.7		historic	ceramic	rim	whiteware, unid. blue edged ware	tableware, unid.		kitchen	rim chips
CHOH-00570	CHOH60860	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	2	0.4		historic	ceramic	body	yellowware, undecorated	utilitarian, hollowware		kitchen	unusually thin for yellowware, may be some type of butff paste eathernware
CHOH-00570	CHOH60861	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.7		historic	ceramic	body	Rockingham, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH60862	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	2.8		historic	ceramic	base	Rockingham, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH60863	18MO751	55	L2	TU	3	435	560		2	I	0.25-0.5	1	0.2		historic	ceramic	body	refined earthenware, unid.	tableware, unid.		kitchen	all glaze spalled
CHOH-00570	CHOH60864	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	1.4		prehistoric	debitage	tertiary	flake, complete	quartz	white	grainy	
CHOH-00570	CHOH60865	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	22	13.3		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60866	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	6	24.0		historic	glass	body	container, unid.		*amethyst tint	kitchen	
CHOH-00570	CHOH60867	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	2	3.6		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH60868	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	7.6		historic	glass	base	container, unid.		blue green	kitchen	
CHOH-00570	CHOH60869	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	2	2.6		historic	glass	fragment	container, canning jar lid liner		opaque white	kitchen	
CHOH-00570	CHOH60870	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	0.4		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60871	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	2	4.9		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60872	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	0.7		historic	glass	rim	glassware, unid.		colorless	kitchen	
CHOH-00570	CHOH60873	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	7.1		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	unwashed interior
CHOH-00570	CHOH60874	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	3.4		historic	ceramic	body	pearlware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60875	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	0.1		historic	glass	complete	bead, molded		opaque white	clothing	press molded, 5mm
CHOH-00570	CHOH60876	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	0.4		historic	ceramic	complete	button, Prosser type		white	clothing	10mm diam, four hole
CHOH-00570	CHOH60877	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	2	30.4		historic	ceramic	fragment	brick			architecture	minor diagnostic margins
CHOH-00570	CHOH60878	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	1.0		historic	composite	fragment	pencil eraser head	copper alloy		activities	graphite and wood present
CHOH-00570	CHOH60879	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	3.9		historic	faunal	fragment	cancellous bone			kitchen	
CHOH-00570	CHOH60880	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	139.9		historic	metal	complete	carriage bolt	iron alloy		architecture	
CHOH-00570	CHOH60881	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	42.7		historic	metal	complete	bolt	iron alloy		architecture	
CHOH-00570	CHOH60882	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	89.3		historic	metal	complete	spike, cut	iron alloy		architecture	6"
CHOH-00570	CHOH60883	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	2	46.4		historic	metal	complete	nail, not wire	iron alloy		architecture	
CHOH-00570	CHOH60884	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	18	137.9		historic	metal	fragment	nail, not wire	iron alloy		architecture	heavily encrusted
CHOH-00570	CHOH60885	18MO751	56	L1	TU	2	500	625		5	III	0.8-1.05	1	4.9		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	sheet iron or scale
CHOH-00570	CHOH60886	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	9	109.1		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60887	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	1.2		historic	fuel	fragment	coal			miscellaneous	
CHOH-00570	CHOH60888	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	38.1		historic	metal	shank	spike, unid.	iron alloy		architecture	
CHOH-00570	CHOH60889	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	9	58.5		historic	metal	head/shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60890	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	5.7		historic	metal	head/shank	nail, cut	iron alloy		architecture	unpinched, post 1830 type
CHOH-00570	CHOH60891	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	11	50.7		historic	metal	shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60892	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	3	4.9		historic	ceramic	stem	ball clay pipe fragment			tobacco	5/64" diam
CHOH-00570	CHOH60893	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	2	0.6		historic	glass	fragment	mirror		aqua	furniture	
CHOH-00570	CHOH60894	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	29	25.5		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60895	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	25	62.4		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60896	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	18.5		historic	glass	base	container, bottle		aqua	kitchen	cup bottom, faceted sides, octagonal?
CHOH-00570	CHOH60897	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	2	22.0		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH60898	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	3.6		historic	glass	body	container, unid.		reddish amber	kitchen	
CHOH-00570	CHOH60899	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	1.0		historic	glass	body	container, unid.		pale olive	kitchen	
CHOH-00570	CHOH60900	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.9		historic	glass	body	container, unid.		blue green	kitchen	
CHOH-00570	CHOH60901	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.4		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60902	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.6		historic	glass	body	glassware, unid.		colorless	kitchen	
CHOH-00570	CHOH60903	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	1.0		historic	glass	body	container, unid.		opaque white	kitchen	
CHOH-00570	CHOH60904	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	41	45.9		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60905	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	2	12.0		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60906	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	5	8.0		historic	ceramic	rim	whiteware, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH60907	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	9	25.7		historic	ceramic	rim	whiteware, undecorated	tableware, flatware		kitchen	
CHOH-00570	CHOH60908	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	2	1.8		historic	ceramic	rim	whiteware, unid. blue edged ware	tableware, flatware		kitchen	
CHOH-00570	CHOH60909	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.5		historic	ceramic	base	whiteware, black transfer print	tableware, unid.		kitchen	fragmentary makers mark
CHOH-00570	CHOH60910	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.3		historic	ceramic	body	pearlware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60911	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	2	0.5		historic	ceramic	body	yellowware, undecorated	utilitarian, hollowware		kitchen	unusually thin for yellowware, may be some type of butff paste eathernware
CHOH-00570	CHOH60912	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.6		historic	ceramic	base	pearlware, dark blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60913	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	2.2		historic	ceramic	base	whiteware, handpainted polychrome	tableware, unid.		kitchen	floral chrome colors
CHOH-00570	CHOH60914	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.8		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif

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CHOH-00570	CHOH60915	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.7		historic	ceramic	body	whiteware, handpainted polychrome	tableware, unid.		kitchen	floral chrome colors
CHOH-00570	CHOH60916	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.7		historic	ceramic	body	whiteware, factory slipped	tableware, hollowware		kitchen	zoned gray
CHOH-00570	CHOH60917	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	3.9		historic	ceramic	body	pearlware, handpainted blue	tableware, unid.		kitchen	burned
CHOH-00570	CHOH60918	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.1		historic	ceramic	rim	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60919	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.9		historic	ceramic	rim	whiteware, sprig painted	tableware, unid.		kitchen	
CHOH-00570	CHOH60920	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	3	1.3		historic	ceramic	rim	whiteware, handpainted polychrome	tableware, unid.		kitchen	floral chrome colors
CHOH-00570	CHOH60921	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.3		historic	ceramic	rim	whiteware, blue shell edge	tableware, unid.		kitchen	curved impressed lines
CHOH-00570	CHOH60922	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	1.1		historic	ceramic	rim	pearlware, factory slipped	tableware, unid.		kitchen	rouletting, green and black
CHOH-00570	CHOH60923	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	3.2		historic	ceramic	base	redware, undecorated	utilitarian, hollowware		kitchen	unglazed
CHOH-00570	CHOH60924	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	3	5.7		historic	ceramic	body	redware, manganese mottled	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60925	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	33.3		historic	ceramic	body	gray salt glazed stoneware, cobalt blue brushed	utilitarian, hollowware		kitchen	american blue and gray
CHOH-00570	CHOH60926	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.7		historic	ceramic	body	gray salt glazed stoneware	utilitarian, hollowware		kitchen	light brown wash
CHOH-00570	CHOH60927	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	0.3		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	spalls
CHOH-00570	CHOH60928	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	14.8		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	light brown wash, poss. upper portion to ginger beer bottle
CHOH-00570	CHOH60929	18MO751	58	L2	TU	3	435	560		3	I	0.6-0.9	1	11.1		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	residue on interior, likely mineral water bottle
CHOH-00570	CHOH60930	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	6	8.9		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60931	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	5	44.0		historic	metal	head/shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60932	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	7	40.0		historic	metal	shank	nail, cut	iron alloy		architecture	heavily corroded
CHOH-00570	CHOH60933	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	3.7		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	sheet iron or scale
CHOH-00570	CHOH60934	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	2	0.8		historic	ceramic	complete	button, Prosser type		white	clothing	10mm diam, four hole
CHOH-00570	CHOH60935	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	0.4		historic	glass	complete	button, press molded		opaque white	clothing	11mm diam, four hole, rouletted
CHOH-00570	CHOH60936	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	15	10.8		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60937	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	12	33.3		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60938	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	44.9		historic	glass	base	container, bottle		aqua	kitchen	cylindrical, 2 1/2" diam
CHOH-00570	CHOH60939	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	18.6		historic	glass	body	container, bottle		aqua	kitchen	rectangular/panel
CHOH-00570	CHOH60940	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	3.2		historic	glass	rim	container, bottle		aqua	kitchen	improved tooled, patent finish
CHOH-00570	CHOH60941	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	3.0		historic	glass	body	container, unid.		amber	kitchen	
CHOH-00570	CHOH60942	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	6	9.0		historic	glass	body	container, unid.		colorless	kitchen	varying thicknesses
CHOH-00570	CHOH60943	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	0.5		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH60944	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	0.3		historic	glass	body	container, unid.		blue green	kitchen	
CHOH-00570	CHOH60945	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	5	41.3		historic	ceramic	rim	whiteware, undecorated	tableware, flatware		kitchen	
CHOH-00570	CHOH60946	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	22	15.0		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60947	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	0.7		historic	ceramic	base	whiteware, light blue glaze	tableware, unid.		kitchen	
CHOH-00570	CHOH60948	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	2.4		historic	ceramic	body	whiteware blue spongeware	tableware, unid.		kitchen	
CHOH-00570	CHOH60949	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	1.8		historic	ceramic	body	whiteware, blue spongeware	tableware, unid.		kitchen	
CHOH-00570	CHOH60950	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	0.5		historic	ceramic	rim	whiteware, black transfer print	tableware, flatware		kitchen	unid. motif
CHOH-00570	CHOH60951	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	2	0.2		historic	ceramic	body	whiteware, mulberry transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60952	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	5	4.5		historic	ceramic	body	whiteware, handpainted polychrome	tableware, unid.		kitchen	floral chrome colors
CHOH-00570	CHOH60953	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	2	0.5		historic	ceramic	rim	whiteware, banded	tableware, flatware		kitchen	
CHOH-00570	CHOH60954	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	3.9		historic	ceramic	body	whiteware, embossed	tableware, hollowware		kitchen	
CHOH-00570	CHOH60955	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	1.4		historic	ceramic	base	pearlware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60956	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	5	3.2		historic	ceramic	body	pearlware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60957	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	1.3		historic	ceramic	body	ironstone, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60958	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	27.8		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	light brown washed interior
CHOH-00570	CHOH60959	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	4.7		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	unwashed interior
CHOH-00570	CHOH60960	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	1.1		historic	ceramic	body	redware, manganese enriched	utilitarian, hollowware		kitchen	Mid-Atlantic/Philadelphia-Style (heavily manganese-enriched)
CHOH-00570	CHOH60961	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	3	3.9		historic	ceramic	body	redware, manganese mottled	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60962	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	2.2		historic	ceramic	bowl	ball clay pipe fragment			tobacco	partial makers mark, **8**
CHOH-00570	CHOH60963	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	2.2		historic	ceramic	bowl	ball clay pipe fragment			tobacco	fluted with embossed floral accents
CHOH-00570	CHOH60964	18MO751	59	L2	TU	3	435	560		4	I	0.9-1.2	1	0.7		historic	ceramic	bowl	ball clay pipe fragment			tobacco	
CHOH-00570	CHOH60965	18MO751	60	L1	TU	2	500	625	1			0-0.8	1	2.8		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60966	18MO751	60	L1	TU	2	500	625	1			0-0.8	1	0.1		historic	glass	body	container, unid.		sapphire blue	kitchen	
CHOH-00570	CHOH60967	18MO751	61	L1	TU	2	500	625		6	III	1.05-1.3	1	36.0		historic	metal	complete	nail, not wire	iron alloy		architecture	heavily encrusted
CHOH-00570	CHOH60968	18MO751	61	L1	TU	2	500	625		6	III	1.05-1.3	1	19.1		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	nodule
CHOH-00570	CHOH60969	18MO751	61	L1	TU	2	500	625		6	III	1.05-1.3	1	0.5		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60970	18MO751	61	L1	TU	2	500	625		6	III	1.05-1.3	1	4.0		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60971	18MO751	61	L1	TU	2	500	625		6	III	1.05-1.3	1	2.7		historic	ceramic	rim	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH60972	18MO751	61	L1	TU	2	500	625		6	III	1.05-1.3	1	2.2		historic	ceramic	stem	ball clay pipe fragment			tobacco	makers mark **PETER DORNI**. 3/23", Second generation, likely Dutch or French
CHOH-00570	CHOH60973	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	0.4		historic	ceramic	body	whiteware, unid blue decoration	tableware, unid.		kitchen	
CHOH-00570	CHOH60974	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	0.3		historic	ceramic	rim	whiteware, unid. blue edged ware	tableware, unid.		kitchen	rim chip
CHOH-00570	CHOH60975	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	0.5		historic	ceramic	rim	pearlware, handpainted polychrome	tableware, hollowware		kitchen	
CHOH-00570	CHOH60976	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	1.3		historic	ceramic	rim	whiteware, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH60977	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	3	2.3		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	

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CHOH-00570	CHOH60978	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	2.4		historic	ceramic	body	yellowware, undecorated	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH60979	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	1.5		historic	ceramic	base	pearlware, handpainted blue	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH60980	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	5.4		historic	ceramic	rim	red bodied stoneware	tableware, hollowware		kitchen	glossy metallic glaze
CHOH-00570	CHOH60981	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	67.6		historic	glass	rim	container, bottle		colorless	kitchen	machine made, threaded
CHOH-00570	CHOH60982	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	4.3		historic	glass	body	container, unid.		yellowish amber	kitchen	
CHOH-00570	CHOH60983	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	2.8		historic	glass	body	container, unid.		olive tint amber	kitchen	
CHOH-00570	CHOH60984	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	5	6.6		historic	glass	body	container, unid.		aqua	kitchen	
CHOH-00570	CHOH60985	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	1.4		historic	glass	rim	container, bottle		aqua	kitchen	improved tooled, patent finish
CHOH-00570	CHOH60986	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	1.8		historic	glass	rim	container, jar, packer tumbler		*amethyst tint	kitchen	
CHOH-00570	CHOH60987	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	1.1		historic	glass	body	container, unid.		*amethyst tint	kitchen	
CHOH-00570	CHOH60988	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	6.4		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH60989	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	3	2.3		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60990	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	1	4.4		prehistoric	tool	partial	ppk, Rossville	quartz	white	grainy	biconvex x-section, 32.9mm long, 16.7mm wide*, 8.5mm thick. Stem: 12.7mm long
CHOH-00570	CHOH60991	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	3	5.4		prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH60992	18MO751	62	L2	TU	4	410	535		1	I	0-0.25	5	2.4		prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH60993	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	2	31.4		historic	metal	head/shank	nail, unid.	iron alloy		architecture	
CHOH-00570	CHOH60994	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	9.3		historic	metal	head/shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60995	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	7.5		historic	metal	shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH60996	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	40.7		historic	metal	fragment	object, unid.	iron alloy		miscellaneous	nodule
CHOH-00570	CHOH60997	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	9.4		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH60998	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	16	12.3		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH60999	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	8	16.0		historic	glass	body	container, unid.		*amethyst tint	kitchen	
CHOH-00570	CHOH61000	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	4	5.1		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH61001	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	4.1		historic	glass	body	pressed glass,	tableware, hollowware	colorless	kitchen	
CHOH-00570	CHOH61002	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	7.0		historic	glass	base	pressed glass, stemware	tableware, hollowware	colorless	kitchen	
CHOH-00570	CHOH61003	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	10	29.9		historic	glass	body	container, unid.		aqua	kitchen	some fragmentary embossing, some darker aqua
CHOH-00570	CHOH61004	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	2.5		historic	glass	body	container, unid.		pale olive	kitchen	
CHOH-00570	CHOH61005	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	4	28.6		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH61006	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	2	2.8		historic	glass	body	container, unid.		dark olive green	kitchen	
CHOH-00570	CHOH61007	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	26	21.1		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH61008	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	17.8		historic	ceramic	base	whiteware, undecorated	tableware, unid.		kitchen	blue tint to glaze but paste is whiteware
CHOH-00570	CHOH61009	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	4	9.5		historic	ceramic	handle	whiteware, dark blue transfer print	tableware, hollowware		kitchen	geometric motif, four mends. Teacup/coffee mug
CHOH-00570	CHOH61010	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	6	4.5		historic	ceramic	rim	whiteware, undecorated	tableware, flatware		kitchen	
CHOH-00570	CHOH61011	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	2	2.4		historic	ceramic	rim	whiteware, undecorated	tableware, hollowware		kitchen	
CHOH-00570	CHOH61012	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	0.2		historic	ceramic	rim	whiteware, blue shell edge	tableware, flatware		kitchen	scalloped impressed curved lines, rim chip
CHOH-00570	CHOH61013	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	0.2		historic	ceramic	rim	whiteware, medium blue transfer print	tableware, flatware		kitchen	floral
CHOH-00570	CHOH61014	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	0.2		historic	ceramic	rim	whiteware, dark blue transfer print	tableware, flatware		kitchen	unid. motif
CHOH-00570	CHOH61015	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	0.8		historic	ceramic	body	whiteware, dark blue transfer print	tableware, flatware		kitchen	unid. motif
CHOH-00570	CHOH61016	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	0.4		historic	ceramic	rim	whiteware, handpainted polychrome	tableware, flatware		kitchen	chrome colors
CHOH-00570	CHOH61017	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	2	1.0		historic	ceramic	rim	whiteware, banded	tableware, flatware		kitchen	
CHOH-00570	CHOH61018	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	3	1.5		historic	ceramic	body	whiteware, factory slipped	tableware, unid.		kitchen	
CHOH-00570	CHOH61019	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	1.3		historic	ceramic	body	whiteware, sprig painted	tableware, unid.		kitchen	
CHOH-00570	CHOH61020	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	0.5		historic	ceramic	body	whiteware, red transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH61021	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	0.3		historic	ceramic	body	pearlware, blue handpainted	tableware, unid.		kitchen	floral
CHOH-00570	CHOH61022	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	2	7.7		historic	ceramic	body	Rockingham, embossed	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH61023	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	1.7		historic	ceramic	body	red refined earthenware, metallic glaze	tableware, hollowware		kitchen	engine turned
CHOH-00570	CHOH61024	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	2.9		historic	ceramic	body	redware, manganese mottled	utilitarian, hollowware		kitchen	
CHOH-00570	CHOH61025	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	3.9		historic	ceramic	body	brown salt glazed stoneware	utilitarian, hollowware		kitchen	likely ink bottle, unglazed/washed interior
CHOH-00570	CHOH61026	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	3.9	2-3	prehistoric	tool	fragment	biface, unid.	quartz	white	grainy	reworked base?
CHOH-00570	CHOH61027	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	1.9	2-3	prehistoric	debitage	tertiary	flake, complete	quartz	white	grainy	
CHOH-00570	CHOH61028	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	4	1.7	1-2	prehistoric	debitage	tertiary	flake, complete	quartz	white	grainy	
CHOH-00570	CHOH61029	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	16.2	4-5	prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH61030	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	1	5.6	3-4	prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH61031	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	7	8.6	2-3	prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH61032	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	4	6.7	2-3	prehistoric	debitage	tertiary	flake, fragment	quartz	white	milky	
CHOH-00570	CHOH61033	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	5	3.0	1-2	prehistoric	debitage	tertiary	flake, fragment	quartz	white	milky	
CHOH-00570	CHOH61034	18MO751	63	L2	TU	4	410	535		2	I	0.25-0.50	21	9.3	1-2	prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH61035	18MO751	64	L2	TU	4	410	535		3	I	0.5-0.8	2	65.7		historic	metal	fragment	nail, unid.	iron alloy		architecture	heavily encrusted
CHOH-00570	CHOH61036	18MO751	64	L2	TU	4	410	535		3	I	0.5-0.8	2	1.1	1-2	prehistoric	debitage	tertiary	flake, fragment	quartz	white	grainy	
CHOH-00570	CHOH61037	18MO751	64	L2	TU	4	410	535		3	I	0.5-0.8	1	7.7		historic	glass	body	container, unid.		olive green	kitchen	
CHOH-00570	CHOH61038	18MO751	64	L2	TU	4	410	535		3	I	0.5-0.8	1	0.6		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH61039	18MO751	64	L2	TU	4	410	535		3	I	0.5-0.8	1	0.2		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH61040	18MO751	64	L2	TU	4	410	535		3	I	0.5-0.8	1	2.9		historic	ceramic	base	red bodied stoneware	tableware, hollowware		kitchen	molded, glossy glaze
CHOH-00570	CHOH61041	18MO751	65	L1	TU	2	500	625		wall	wall	0-2	2	11.6		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH61042	18MO751	65	L1	TU	2	500	625		wall	wall	0-2	1	1.3		historic	glass	body	container, unid.		olive green	kitchen	

Acc#	Spec#	Site	Bag	Area	STP/ TU	STP/ TU	North	East	Fea	Zone/ Level	Strat/ Hor	Depth (ftbs)	Qty	Wt (g)	Size	Group	Class	Cortex/ Portion	Artifact Type	Material/Ware	Color/ Temper	EST/Hist Group	Comments
CHOH-00570	CHOH61043	18MO751	65	L1	TU	2	500	625		wall	wall	0-2	1	0.4		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH61044	18MO751	65	L1	TU	2	500	625		wall	wall	0-2	1	9.3		historic	ceramic	fragment	brick			architecture	no diagnostic margins
CHOH-00570	CHOH61045	18MO751	66	L1	TU	2	500	625	2	7		2.8	1	5.4		historic	ceramic	fragment	porcelain, figurine			activities	arm and shoulders, reaching forward, poss. equestrian themed rider
CHOH-00570	CHOH61046	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	1	64.2		historic	glass	complete	container, perfume bottle		colorless	personal	machine made threaded, Art Deco
CHOH-00570	CHOH61047	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	2	6.2		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH61048	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	7	4.8		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH61049	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	1	0.2		historic	ceramic	body	whiteware, medium blue transfer print	tableware, unid.		kitchen	unid. motif
CHOH-00570	CHOH61050	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	3	3.9		historic	glass	fragment	window glass		aqua	architecture	
CHOH-00570	CHOH61051	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	1	0.6		historic	glass	fragment	mirror		aqua	furniture	
CHOH-00570	CHOH61052	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	1	2.6		historic	synthetic	partial	bottle cap, threaded	plastic	black	kitchen	likely to perfume bottle, Art Deco style
CHOH-00570	CHOH61053	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	3	0.9		historic	glass	fragment	container, unid.		colorless	kitchen	thin
CHOH-00570	CHOH61054	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	2	129.2		historic	glass	base	glassware, pressed glass tumbler		colorless	kitchen	diamonds and starburst, ~2 1/2" diam
CHOH-00570	CHOH61055	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	4	92.0		historic	glass	body	glassware, pressed glass tumbler		colorless	kitchen	diamonds and starburst
CHOH-00570	CHOH61056	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	4	69.1		historic	glass	base	container, bottle		amber	kitchen	Owens-Illinois Glass Co
CHOH-00570	CHOH61057	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	22	75.5		historic	glass	body	container, unid.		amber	kitchen	
CHOH-00570	CHOH61058	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	6	7.7		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH61059	18MO751	67	L2	TU	5	450	630		1	I	0-0.25	1	5.3		historic	glass	body	container, unid.		colorless	kitchen	*Duraglas*
CHOH-00570	CHOH61060	18MO751	68	L2	TU	5	450	630		2	I	0.25-0.5	3	13.0		historic	faunal	fragment	oyster shell			kitchen	
CHOH-00570	CHOH61061	18MO751	68	L2	TU	5	450	630		2	I	0.25-0.5	3	1.2		historic	ceramic	body	whiteware, undecorated	tableware, unid.		kitchen	
CHOH-00570	CHOH61062	18MO751	68	L2	TU	5	450	630		2	I	0.25-0.5	2	3.8		historic	glass	body	container, unid.		colorless	kitchen	
CHOH-00570	CHOH61063	18MO751	68	L2	TU	5	450	630		2	I	0.25-0.5	1	1.3		historic	glass	body	container, unid.		aqua	kitchen	fragmentary embossing
CHOH-00570	CHOH61064	18MO751	68	L2	TU	5	450	630		2	I	0.25-0.5	1	1.8		historic	glass	body	container, unid.		amber	kitchen	
CHOH-00570	CHOH61065	18MO751	68	L2	TU	5	450	630		2	I	0.25-0.5	1	3.3		historic	metal	shank	nail, cut	iron alloy		architecture	
CHOH-00570	CHOH61066	18MO751	68	L2	TU	5	450	630		2	I	0.25-0.5	3	4.4		historic	ceramic	body	whiteware, medium blue transfer print	tableware, hollowware		kitchen	landscape/historical
CHOH-00570	CHOH61067	18MO751	68	L2	TU	5	450	630		2	I	0.25-0.5	1	5.5		historic	ceramic	neck	redware, manganese mottled	utilitarian, hollowware		kitchen	

APPENDIX 2

UPDATED MHT SITE FORMS

MARYLAND INVENTORY OF HISTORIC PROPERTIES

ARCHEOLOGICAL SITE SURVEY: BASIC DATA FORM

Date Filed: _____

Check if update: X

Maryland Department of Planning
Maryland Historical Trust
Division of Historical and Cultural Programs
100 Community Place
Crownsville, Maryland 21032

Site Number: 18PR750
County: Prince George's

A. DESIGNATION

1. Site Name: _____

2. Alternate Site Name/Numbers: _____

3. Site Type (describe site chronology and function; see instructions):
Lithic scatter dating to unknown prehistoric period; historic artifact scatter

4. Prehistoric X Historic X Unknown _____

5. Terrestrial X Submerged/Underwater _____ Both _____

B. LOCATION

6. USGS 7.5' Quadrangle(s): [redacted]

(For underwater sites) NOAA Chart No.:

(Photocopy section of quad or chart on page 4 and mark site location)

Latitude in decimal degrees _____ Longitude in decimal degrees _____

7. Maryland Archeological Research Unit Number: 11

8. Physiographic Province (check one):

_____ Allegany Plateau	_____ Lancaster/Frederick Lowland
_____ Ridge and Valley	_____ Eastern Piedmont
_____ Great Valley	X Western Shore Coastal Plain
_____ Blue Ridge	_____ Eastern Shore Coastal Plain

9. Major Watershed/Underwater Zone (see instructions for map and list): Washington Metro

C. ENVIRONMENTAL DATA

10. Nearest Water Source: Paint Branch Stream Order: 2

11. Closest Surface Water Type (check all applicable):

_____ Ocean	X Freshwater Stream/River
_____ Estuarine Bay/Tidal River	_____ Freshwater Swamp
_____ Tidal or Marsh	_____ Lake or Pond
	_____ Spring

12. Distance from closest surface water: _____ meters (or 80 feet)

C. ENVIRONMENTAL DATA [CONTINUED]

13. Current water speed: _____ knots 14. Water Depth: ___ meters

15. Water visibility: _____

16. SCS Soils Typology and/or Sediment Type: CF, UDaF

17. Topographic Settings (check all applicable):

X Floodplain	_____ Hilltop/Bluff
_____ Interior Flat	_____ Upland Flat
X Terrace	_____ Ridgetop
_____ Low Terrace	_____ Rockshelter/Cave
_____ High Terrace	_____ Unknown
_____ Hillslope	_____ Other: _____

18. Slope: 0–45%

19. Elevation: ____ meters (or 110–134 feet) above sea level

20. Land use at site when last field checked (check all applicable):

_____ Plowed/Tilled	_____ Extractive
_____ No-Till	_____ Military
X Wooded/Forested	_____ Recreational
_____ Logging/Logged	_____ Residential
_____ Underbrush/Overgrown	_____ Ruin
_____ Pasture	_____ Standing Structure
_____ Cemetery	_____ Transportation
_____ Commercial	_____ Unknown
_____ Educational	_____ Other: _____

21. Condition of site:
    - X Disturbed
    - _____ Undisturbed
    - _____ Unknown

22. Cause of disturbance/destruction (check all applicable):

X Plowed	_____ Vandalized/Looted
X Eroded/Eroding	_____ Dredged
X Graded/Contoured	_____ Heavy Marine Traffic
_____ Collected	X Other: Flooding_____

23. Extent of disturbance:
    - _____ Minor (0-10%)
    - _____ Moderate (10-60%)
    - X Major (60-99%)
    - _____ Total (100%)
    - _____ % unknown

C. ENVIRONMENTAL DATA [CONTINUED]

24. Describe site setting with respect to local natural and cultural landmarks (topography, hydrology, fences, structures, roads). Use continuation sheet if needed.

Site 18PR750 is located on a floodplain and terrace of [redacted] The site is situated within a mature hardwood forest with a light to moderate understory of new growth, greenbriers, and scrub brush. The southern portion of the site, on the floodplain, is bounded to the south by two large sewer lines. The western edge of the site is bounded by a [redacted] the east side is bounded by wetland and a transmission line corridor, and the north is bounded by slope greater than 15 percent and the [redacted]

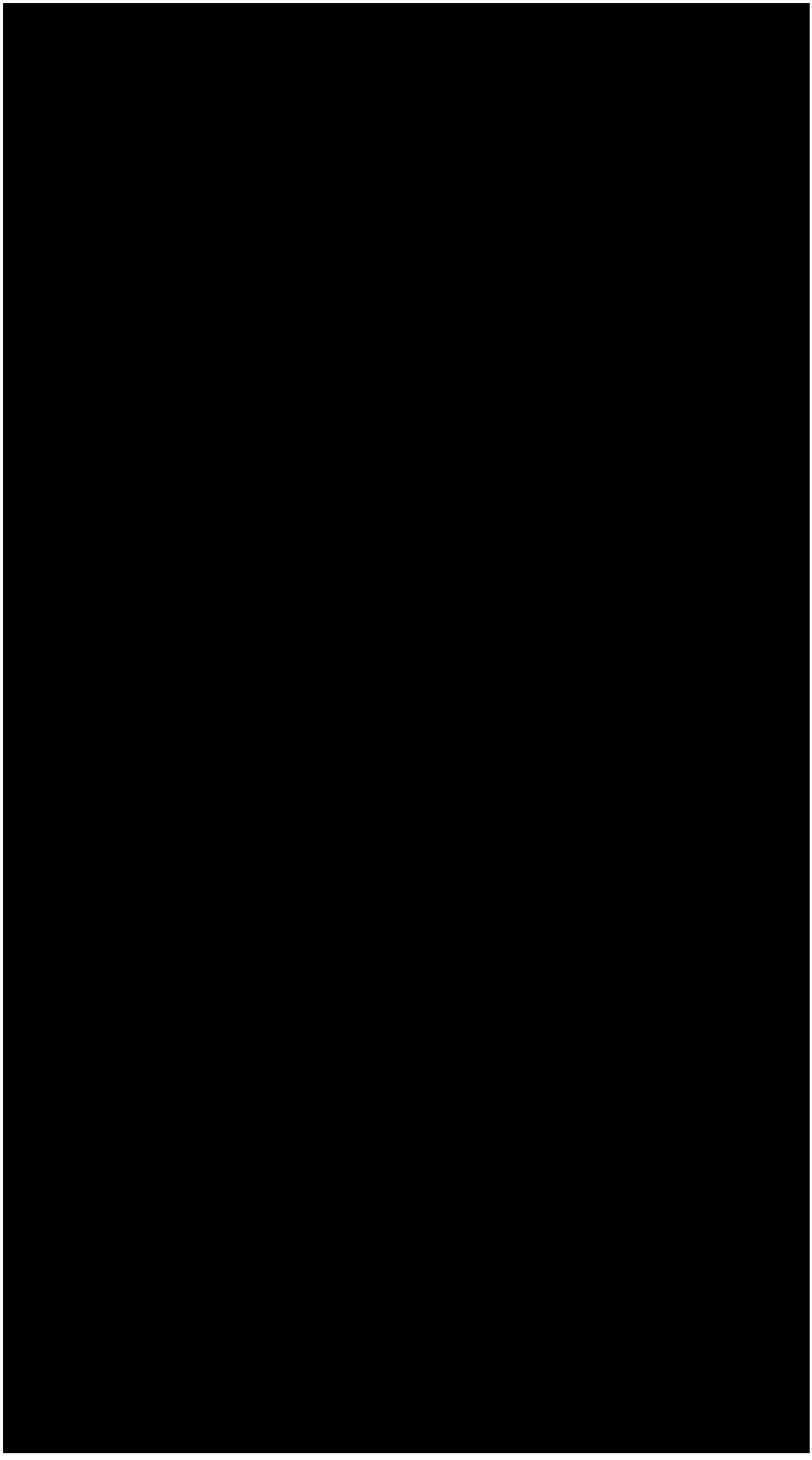
25. Characterize site stratigraphy. Include a representative profile on separate sheet, if applicable. Address plowzone (presence/absence), subplowzone features and levels, if any, and how stratigraphy affects site integrity. Use continuation sheet if needed.

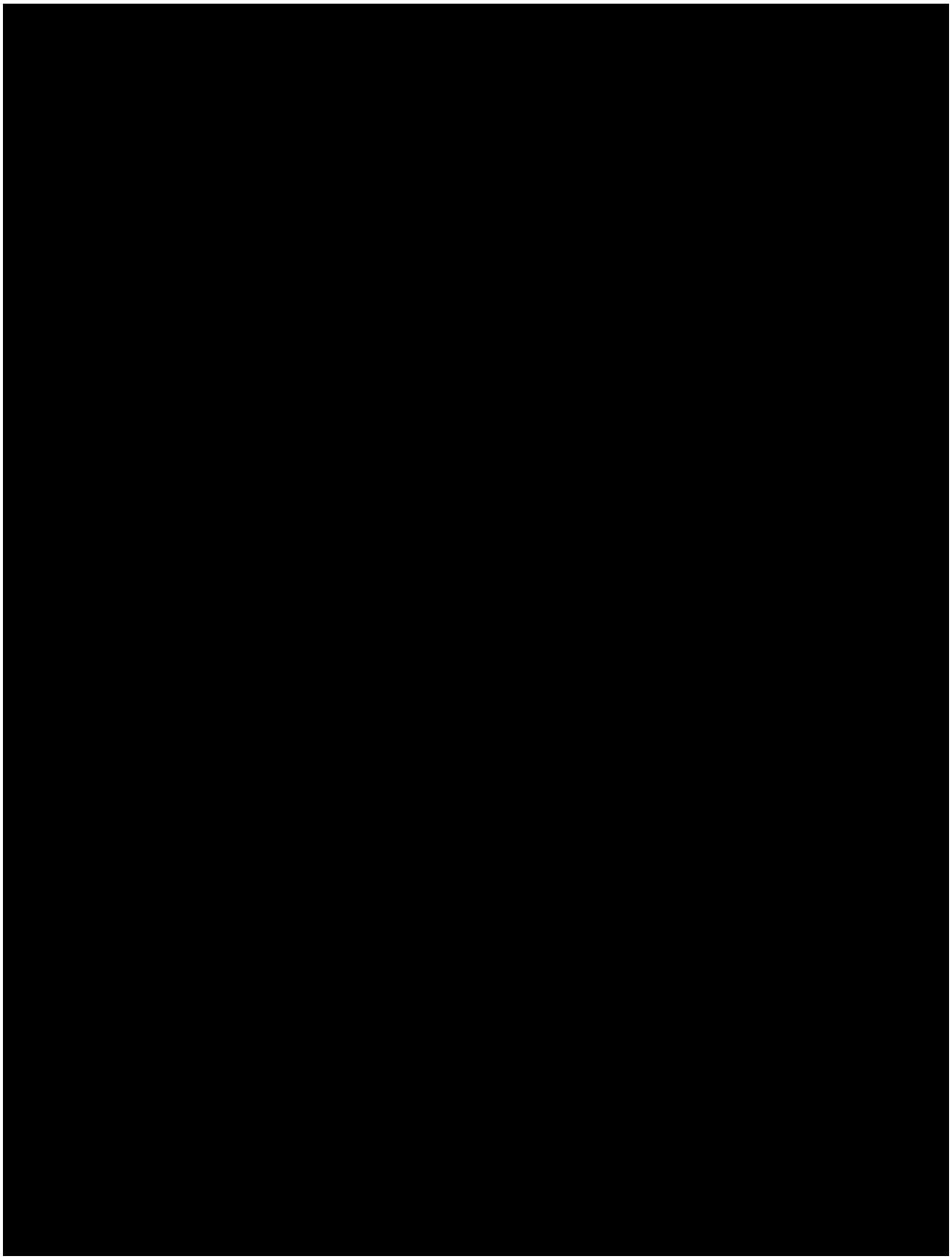
Two landscape types occur within the 18PR750 site area--a nearly level terrace of [redacted] and a gently sloping upland along the northern fringe of the site at a distance more removed from the drainage. The upland soil is a strongly developed loamy-textured soil that although formerly plowed, has otherwise suffered little other disturbance. Unlike most upland positions that tend to be subject to erosive loss of soil due to tillage, the upland surface here is favorably positioned as a low-lying recipient of slope wash, which forms the upper 0.8 ft of the profile. Prior to this accumulation, however, this soil too had suffered erosional deflation. This is evinced by the absence of an upper transitional subsoil horizon (BE), which in more stable conditions would normally underlie the plow zone. Where deflation has occurred this upper subsoil horizon tends to eventually be incorporated into the plow zone as the surface migrates downward with progressive soil loss. Resting directly atop argillic subsoil horizons (Bt) that have strong subsoil development indicative of a Pleistocene age, the plow zone would be the principal horizon to contain cultural materials. The terrace landscape is relatively extensive, but unlike the upland, it has not been available for occupation for nearly as long. In contrast to the strong argillic horizon development in the upland soil, subsoil formation in the terrace soil is limited to that of a much less mature cambic horizon (2Bwb). While the terrace has likely been mostly stable for perhaps about 2,500 years, this late Holocene landscape would not have existed for the great majority of the region's occupational history. Also unlike the upland, drainage limitations on the terrace are an important consideration for cultural implications. Although no standing surface water was present at the time of the study, indications of former ponding were apparent at several locations. This somewhat poorly drained soil marks a nearly wetland setting. Another cultural consideration for the terrace is widespread disturbance. Fill, probably related to highway construction, is common. This introduced material comprised the upper 1.8 ft of the examined profile, and the underlying original surface here had also been highly disturbed as the fill was deposited. Elsewhere, a distinctive low ridge with a suspiciously abrupt rise that would tend to argue against natural origin, was indeed found to consist of fill. This was possibly attributable to installation of a nearby sewer line. In any event, surface disturbance together with impeded drainage combine to greatly minimize prospects for intact cultural resources on the terrace. Stratigraphy on the terrace involved an Oi/Ap/Ab(historic)/B1 horizon sequence and reached channel gravels or the water table above 3.0 ftbs. On the floodplain stratigraphy involved expressed an Oi/B1/B2/C horizon sequence, with the B horizons comprised of sandy loam alluvial deposits and the C horizon consisting of channel gravels

26. Site size: _____ meters by _____ meters (or 325 feet by 425 feet)

27. Draw a sketch map of the site and immediate environs, here or on separate sheet:

Scale: North arrow:





D. CONTEXT

28. Cultural Affiliation (check all applicable):

PREHISTORIC	HISTORIC:	
____ Unknown	____ Unknown	____ UNKNOWN
____ Paleoindian	17th century	
____ Archaic	____ 1630-1675	
____ Early Archaic	____ 1676-1720	
____ Middle Archaic	18th century	
X Late Archaic	X 1721-1780	
____ Terminal Archaic	X 1781-1820	
____ Woodland	19th century	
____ Adena	____ 1821-1860	
X Early Woodland	____ 1861-1900	
X Middle Woodland	20th century	
X Late Woodland	____ 1901-1930	
	____ post-1930	
____ CONTACT		

E. INVESTIGATIVE DATA

29. Type of investigation:

____ Phase I	____ Field Visit
X Phase II/Site Testing	____ Collection/Artifact Inventory
____ Phase III/Excavation	____ Report From Informant
____ Archival Investigation	____ Other:
____ Monitoring	____

30. Purpose of investigation:

X Compliance	____ Site Inventory
____ Research	____ MHT Grant Project
____ Avocational	____ Other:
____ Regional Survey	____

31. Method of sampling (check all applicable):

____ Non-systematic surface search	X Excavation units
____ Systematic surface collection	____ Mechanical excavation
____ Non-systematic shovel test pits	____ Remote sensing
X Systematic shovel test pits	____ Other:
	____

32. Extent/nature of excavation: 106 shovel tests and four test units were excavated, all soil screened through ¼ inch mesh

F. SUPPORT DATA

33. Accompanying Data Form(s):

X Prehistoric
X Historic
____ Shipwreck

34. Ownership: ____ Private ____ Federal X State ____ Local/County ____ Unknown

35. Owner(s): MDOT SHA
    Address: Baltimore, MD
    Phone: _____
    Email: _____

36. Tenant and/or Local Contact: _____
    Address: _____
    Phone: _____
    Email: _____

37. Other Known Investigations: Diamanti, Melissa, David J. Rue, and Conran A. Hay
    2008 Phase I Archaeological Identification Survey for the I-495 Capital Beltway Mainline Project and Stormwater Management Ponds, Montgomery and Prince George's Counties, Maryland. Archaeological & Historical Consultants, Inc., Centre Hall, Pennsylvania. Submitted to the Maryland Department of Transportation State Highway Administration, Baltimore, Maryland.

38. Primary report reference or citation: Blood, Jason, Justin Warrenfeltz, and Heather Millis
    2019_Phase II Archaeological Evaluation at Sites 18PR750, 18MO749, and 18MO751 for the I-495/I-270 Managed Lanes Study Project, Prince George's and Montgomery Counties, Maryland. TRC Environmental Corporation on behalf of the MDOT SHA.

39. Other Records (e.g. slides, photos, original field maps/notes, sonar, magnetic record)?

_____ Slides	_____ Field record	_____ Other: _____
X _____ Photos	_____ Sonar	
X _____ Field maps	_____ Magnetic record	

40. If yes, location of records: TRC Environmental Corporation, Chapel Hill, NC

41. Collections at Maryland Archeological Conservation (MAC) Lab or to be deposited at MAC Lab?
    X _____ Yes
    _____ No
    _____ Unknown

42. If NO or UNKNOWN, give owner: _____
    location: _____
    and brief description of collection: _____
    _____
    _____

43. Informant: _____
    Address: _____
    Phone: _____
    Email: _____

44. Site visited by Jason Blood
    Company/Group name: TRC Environmental Corporation
    Address: 50101 Governors Drive, Suite 250, Chapel Hill, NC 27517
    Phone: 919-530-8446
    Email: jblood@trccompanies.com Date: 3/10/19

45. Form filled out by: Heather Millis
    Company/Group name: TRC Environmental Corporation
    Address: 50101 Governors Drive, Suite 250, Chapel Hill, NC 27517
    Phone: 919-530-8446
    Email: hmillis@trccompanies.com Date: 5/6/19

46. Site Summary/Additional Comments (append additional pages if needed):

MARYLAND ARCHEOLOGICAL SITE SURVEY: PREHISTORIC DATA FORM

Site Number 18PR750

1. Site type (check all applicable):

_____ village	_____ earthen mound
_____ hamlet	_____ shell midden
_____ base camp	_____ fish weir
_____ short-term resource procurement	_____ submerged prehistoric
_____ lithic quarry/extraction	X____ lithic scatter
_____ rockshelter/cave	_____ unknown
_____ cairn	_____ other: _____

2. Categories of aboriginal material or remains at site (check all applicable):

X____ flaked stone	_____ human skeletal remains
_____ ground stone	_____ faunal implements/ornaments
_____ stone bowls	_____ faunal material
X____ fire-cracked rock	_____ oyster shell
_____ other lithics	_____ floral material
_____ ceramics (vessels)	_____ unknown
_____ other fired clay	_____ other: _____

3. Lithic materials (check all applicable):

_____ jasper	_____ steatite
_____ chert	_____ sandstone
X____ rhyolite	_____ silicified sandstone
X____ quartz	_____ ferruginous quartzite
X____ quartzite	_____ European flint
_____ chalcedony	_____ basalt
_____ironstone	_____ unknown
_____ argillite	_____ other: _____

4. Diagnostics (choose from manual and give number recovered or observed):

N/A

5. Features present:

_____ yes
X____ no
_____ unknown

6. Types of features identified (check all applicable):

_____ midden	_____ chipping clusters
_____ shell midden	_____ refuse/storage pits
_____ postholes/molds	_____ burials
_____ house patterns	_____ ossuaries
_____ palisade	_____ unknown
_____ hearths	_____ other: _____

7. Flotation samples collected:
_____ yes
X____ no
_____ unknown

analyzed:
_____ yes, by _____
_____ no
_____ unknown

8. Samples for radiocarbon dating collected:
_____ yes
X____ no
_____ unknown

Dates and Lab Reference Nos. _____

9. Soil samples collected:
_____ yes
X____ no
_____ unknown

analyzed:
_____ yes, by _____
_____ no
_____ unknown

10. Other analyses (specify):_____
_____
_____
_____

11. Additional comments:

12. Form filled out by: Heather Millis
Address/Company: TRC Environmental Corporation/50101 Governors Dr, Suite 250, Chapel Hill, NC 27517
Date: 5/6/19

MARYLAND ARCHEOLOGICAL SITE SURVEY: HISTORIC DATA FORM

Site Number 18PR750

1. Site class (check all applicable, check at least one from each group):

a. _____ domestic
_____ industrial
_____ transportation
_____ military
_____ sepulchre
_____ religious

. _____ commercial
_____ educational
_____ non-domestic agricultural
X____ unknown
_____ other:
_____

b. _____urban
X____ rural
_____ unknown

c. standing structure:
_____ yes
X____ no
_____ unknown

d. above-grade/visible ruin:
_____ yes
X____no
_____ unknown

2. Site Type (check all applicable):

_____ artifact concentration
_____ possible structure
_____ post-in-ground structure
_____ frame structure
_____ masonry structure
_____ log structure
_____ farmstead
_____ plantation
_____ townsite
_____ road/railroad
_____ wharf/landing
_____ bridge
_____ ford

_____ mill (specify:_____)
_____ raceway
_____ quarry
_____ furnace/forge
_____ other industrial (specify):
_____
_____ battlefield
_____ military fortification
_____ military encampment
_____ cemetery
X____ unknown
_____ other:_____

3. Ethnic Association:

_____Native American
_____ African American
_____ Angloamerican
_____ Hispanic American
_____ Asian American

_____ other Euroamerican (specify):
_____
X____ unknown
_____ other:
_____

4. Categories of material remains present (check all applicable):

X____ ceramics
_____ bottle/table glass
_____ other kitchen artifacts
_____ architecture
_____ furniture
_____ arms
_____ clothing
_____ personal items

_____ tobacco pipes
_____ activity items
_____ human skeletal remains
_____ faunal remains
_____ floral remains
_____ organic remains
_____ unknown
_____ other:
_____

5. Diagnostics (choose from manual and give number recorded or observed):

_____ _____
_____ _____
_____ _____
_____ _____
_____ _____
_____ _____
_____ _____
_____ _____

6. Features present:
   _____yes
   X____no
   _____unknown

7. Types of features present:

_____ construction feature	_____ road/drive/walkway
_____ foundation	_____ depression/mound
_____ cellar hole/storage cellar	_____ burial
_____ hearth/chimney base	_____ railroad bed
_____ posthole/postmold	_____ earthworks
_____ paling ditch/fence	_____ raceway
_____ privy	_____ wheel pit
_____ well/cistern	_____ unknown
_____ trash pit/dump	_____ other:
_____ sheet midden	_____
_____ planting feature	

8. Flotation samples collected:
   _____ yes
   X____ no
   _____ unknown

   analyzed:
   _____ yes, by _____
   _____ no
   _____ unknown

9. Soil samples collected:
   _____ yes
   X____ no
   _____ unknown

   analyzed:
   _____ yes, by _____
   _____ no
   _____ unknown

10. Other analyses (specify):_____
    _____
    _____
    _____

11. Additional comments:

12. Form filled out by: Heather Millis
    Address/Company: TRC Environmental Corporation/50101 Governors Dr, Suite 250, Chapel Hill, NC 27517
    Date: 5/6/19

MARYLAND INVENTORY OF HISTORIC PROPERTIES

ARCHEOLOGICAL SITE SURVEY: BASIC DATA FORM

Date Filed: _____

Check if update: X

Maryland Department of Planning
Maryland Historical Trust
Division of Historical and Cultural Programs
100 Community Place
Crownsville, Maryland 21032

Site Number: 18MO749
County: Montgomery

A. DESIGNATION

1. Site Name: _____

2. Alternate Site Name/Numbers: Canal Site 1

3. Site Type (describe site chronology and function; see instructions):
Late Archaic, Early through Late Woodland resource procurement camp; mid- to late 18th century artifact scatter

4. Prehistoric X Historic X Unknown _____

5. Terrestrial X Submerged/Underwater _____ Both _____

B. LOCATION

6. USGS 7.5' Quadrangle(s): [redacted]

(For underwater sites) NOAA Chart No.:

(Photocopy section of quad or chart on page 4 and mark site location)

Latitude in decimal degrees _____ Longitude in decimal degrees _____

7. Maryland Archeological Research Unit Number: 12

8. Physiographic Province (check one):

_____ Allegany Plateau	_____ Lancaster/Frederick Lowland
_____ Ridge and Valley	X Eastern Piedmont
_____ Great Valley	_____ Western Shore Coastal Plain
_____ Blue Ridge	_____ Eastern Shore Coastal Plain

9. Major Watershed/Underwater Zone (see instructions for map and list): Washington Metro

C. ENVIRONMENTAL DATA

10. Nearest Water Source: Potomac River Stream Order: 4

11. Closest Surface Water Type (check all applicable):

_____ Ocean	X Freshwater Stream/River
X Estuarine Bay/Tidal River	_____ Freshwater Swamp
_____ Tidal or Marsh	_____ Lake or Pond
	_____ Spring

12. Distance from closest surface water: _____ meters (or 100 feet)

C. ENVIRONMENTAL DATA [CONTINUED]

13. Current water speed: _____ knots 14. Water Depth: ___ meters

15. Water visibility: _____

16. SCS Soils Typology and/or Sediment Type: rock outcrop-Blocktown complex and overbank alluvium

17. Topographic Settings (check all applicable):

_____ Floodplain	_____ Hilltop/Bluff
_____ Interior Flat	_____ Upland Flat
_____ Terrace	_____ Ridgetop
_X_ Low Terrace	_____ Rockshelter/Cave
_X_ High Terrace	_____ Unknown
_____ Hillslope	_____ Other: _____

18. Slope: _0–10%_

19. Elevation: ____ meters (or 64–90 feet) above sea level

20. Land use at site when last field checked (check all applicable):

_____ Plowed/Tilled	_____ Extractive
_____ No-Till	_____ Military
_X_ Wooded/Forested	_____ Recreational
_____ Logging/Logged	_____ Residential
_____ Underbrush/Overgrown	_____ Ruin
_____ Pasture	_____ Standing Structure
_____ Cemetery	_____ Transportation
_____ Commercial	_____ Unknown
_____ Educational	_____ Other: _____

21. Condition of site:
    - _X_ Disturbed
    - _____ Undisturbed
    - _____ Unknown

22. Cause of disturbance/destruction (check all applicable):

_____ Plowed	_____ Vandalized/Looted
_____ Eroded/Eroding	_____ Dredged
_____ Graded/Contoured	_____ Heavy Marine Traffic
_____ Collected	X_____ Other: Flooding_____

23. Extent of disturbance:
    - _____ Minor (0-10%)
    - _X_ Moderate (10-60%)
    - _____ Major (60-99%)
    - _____ Total (100%)
    - _____ % unknown

C. ENVIRONMENTAL DATA [CONTINUED]

24. Describe site setting with respect to local natural and cultural landmarks (topography, hydrology, fences, structures, roads). Use continuation sheet if needed.

Site 18MO749 is located [redacted] on the 1st terrace of the [redacted] of C&O Canal Lock [redacted] in the Chesapeake & Ohio Canal National Historical Park. The site is within a mature hardwood forest with a light to moderate understory of new growth and vines. The southern boundary of the site is formed by the floodplain/sand bar of the [redacted] the northern boundary is a large wetland; the eastern boundary is [redacted] and the western boundary was not established during this investigation

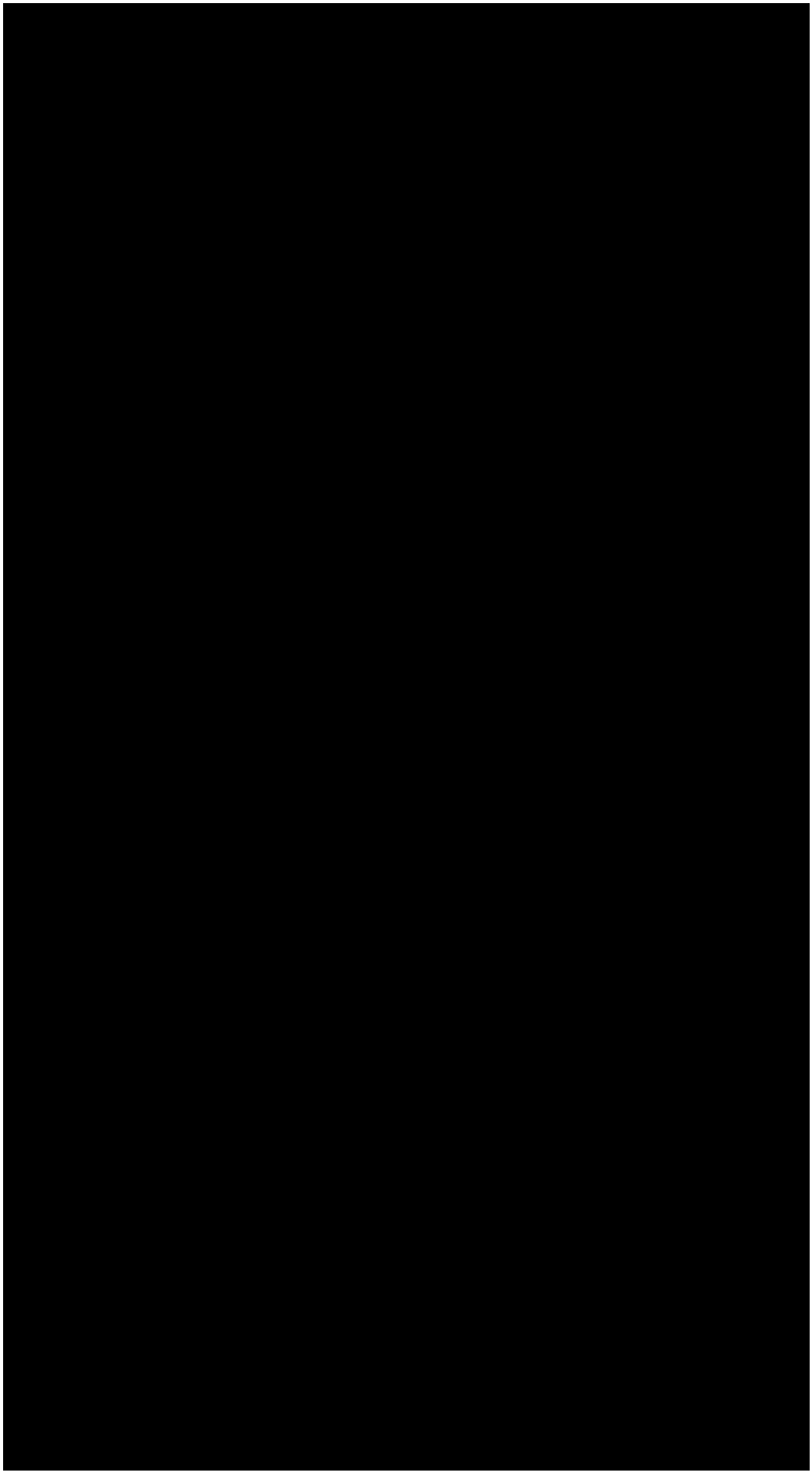
25. Characterize site stratigraphy. Include a representative profile on separate sheet, if applicable. Address plowzone (presence/absence), subplowzone features and levels, if any, and how stratigraphy affects site integrity. Use continuation sheet if needed.

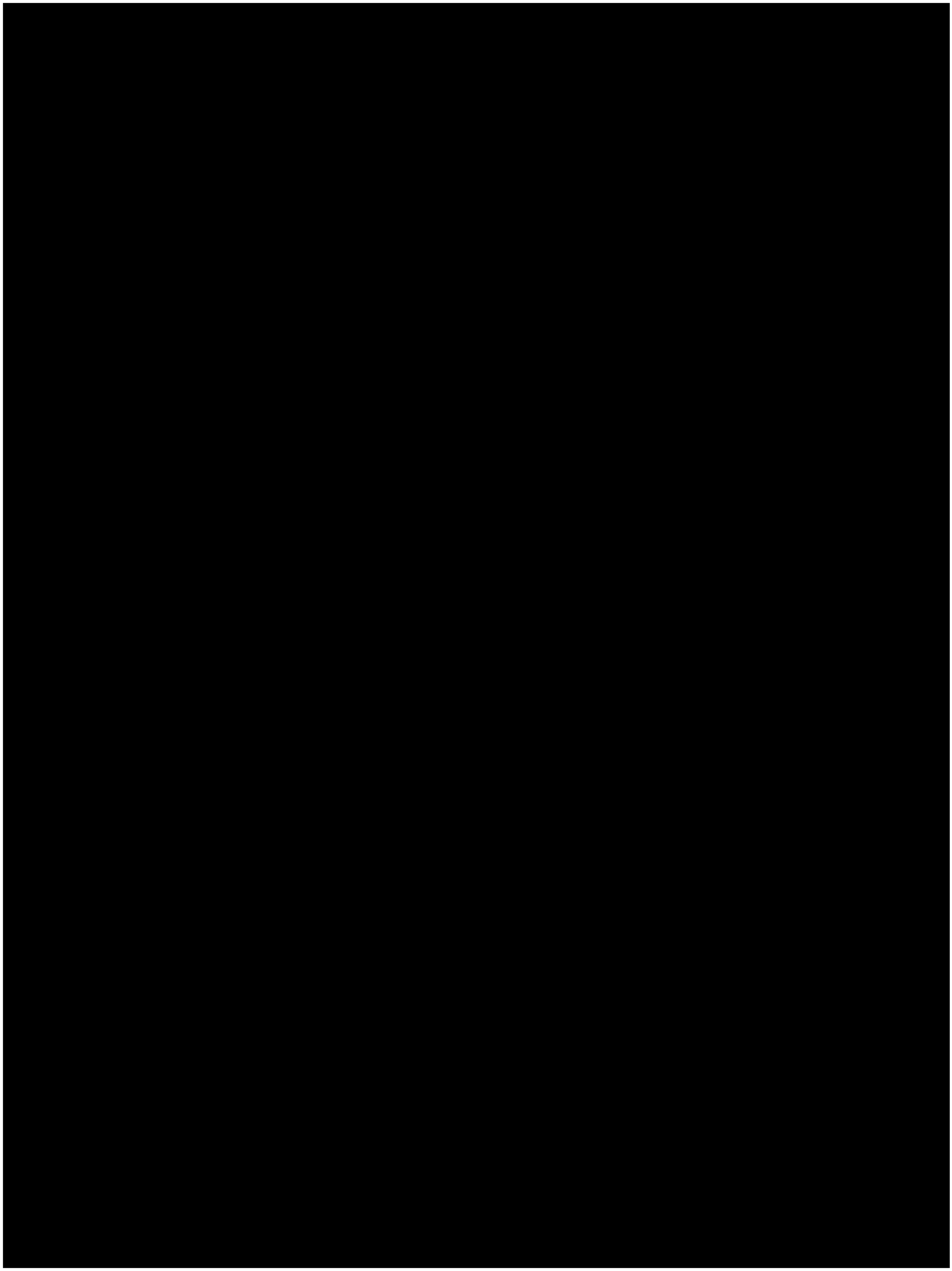
The terrace landscape of this site is not only of fluvial construction, but it is not nearly as disturbed as the surrounding landforms. Unlike many terrace soils along the river that tend to be mostly silty, the soil here is fine-sandy. The vertically accreted, overbank alluvium is quite deep (>9.2 ft), but very weak subsoil development limited to color-B cambic horizon (Bw) formation is indicative of a young terrace age of no more than late Holocene. Obviously amassed after humans had long occupied the region, almost all levels within this terrace have some potential for prehistoric cultural material. Artifacts were collected from depths to 4.50–5.0 ftbs in eight different soil horizons (Oi, B1, B2, Ab, B3, B4, B5, and B6), although artifact density in the lowest horizons is low, and some of these may be there due to downward drift in sandy soils

26. Site size: _____ meters by _____ meters (or 225 feet by 600 feet)

27. Draw a sketch map of the site and immediate environs, here or on separate sheet:

Scale: North arrow:





D. CONTEXT

28. Cultural Affiliation (check all applicable):

PREHISTORIC	HISTORIC:	
____ Unknown	____ Unknown	____ UNKNOWN
____ Paleoindian	17th century	
____ Archaic	____ 1630-1675	
____ Early Archaic	____ 1676-1720	
____ Middle Archaic	18th century	
X____ Late Archaic	X____ 1721-1780	
____ Terminal Archaic	X____ 1781-1820	
____ Woodland	19th century	
____ Adena	____ 1821-1860	
X____ Early Woodland	____ 1861-1900	
X____ Middle Woodland	20th century	
X____ Late Woodland	____ 1901-1930	
	____ post-1930	
____ CONTACT		

E. INVESTIGATIVE DATA

29. Type of investigation:

____ Phase I	____ Field Visit
X____ Phase II/Site Testing	____ Collection/Artifact Inventory
____ Phase III/Excavation	____ Report From Informant
____ Archival Investigation	____ Other:
____ Monitoring	____

30. Purpose of investigation:

X____ Compliance	____ Site Inventory
____ Research	____ MHT Grant Project
____ Avocational	____ Other:
____ Regional Survey	____

31. Method of sampling (check all applicable):

____ Non-systematic surface search	X____ Excavation units
____ Systematic surface collection	____ Mechanical excavation
____ Non-systematic shovel test pits	____ Remote sensing
X____ Systematic shovel test pits	____ Other:
	____

32. Extent/nature of excavation: 68 shovel tests and 3 test units were excavated, all soil screened through ¼ inch mesh

F. SUPPORT DATA

33. Accompanying Data Form(s):

X____ Prehistoric
X____ Historic
____ Shipwreck

34. Ownership: ____ Private X____ Federal ____ State ____ Local/County ____ Unknown

35. Owner(s): NPS/C&O Canal Historic Park
    Address: _____
    Phone: _____
    Email: _____

36. Tenant and/or Local Contact: _____
    Address: _____
    Phone: _____
    Email: _____

37. Other Known Investigations: Arnold, Brett
    2019 Phase I Archaeological Investigation for the I-495 & I-270 Managed Lanes Study, Montgomery and Prince George's County, Maryland and Fairfax County, Virginia. Report Prepared by Rummel, Klepper & Kahl, LLP, Baltimore, Maryland for the Maryland Department of Transportation State Highway Administration..

38. Primary report reference or citation: Blood, Jason, Justin Warrenfeltz, and Heather Millis
    2019 Phase II Archaeological Evaluation at Sites 18PR750, 18MO749, and 18MO751 for the I-495/I-270 Managed Lanes Study Project, Prince George's and Montgomery Counties, Maryland. TRC Environmental Corporation on behalf of the MDOT SHA.

39. Other Records (e.g. slides, photos, original field maps/notes, sonar, magnetic record)?

_____ Slides	_____ Field record	_____ Other: _____
X_____ Photos	_____ Sonar	
X_____ Field maps	_____ Magnetic record	

40. If yes, location of records: TRC Environmental Corporation, Chapel Hill, NC

41. Collections at Maryland Archeological Conservation (MAC) Lab or to be deposited at MAC Lab?
    _____ Yes
    X_____ No
    _____ Unknown

42. If NO or UNKNOWN, give owner: National Park Service Museum Resource Center in Landover
    location: _____
    and brief description of collection: _____
    _____
    _____

43. Informant: _____
    Address: _____
    Phone: _____
    Email: _____

44. Site visited by Jason Blood
    Company/Group name: TRC Environmental Corporation
    Address: 50101 Governors Drive, Suite 250, Chapel Hill, NC 27517
    Phone: 919-530-8446
    Email: jblood@trccompanies.com Date: 3/15/19

45. Form filled out by: Heather Millis
    Company/Group name: TRC Environmental Corporation
    Address: 50101 Governors Drive, Suite 250, Chapel Hill, NC 27517
    Phone: 919-530-8446
    Email: hmillis@trccompanies.com Date: 5/6/19

46. Site Summary/Additional Comments (append additional pages if needed):

MARYLAND ARCHEOLOGICAL SITE SURVEY: PREHISTORIC DATA FORM

Site Number 18MO749

1. Site type (check all applicable):

_____ village	_____ earthen mound
_____ hamlet	_____ shell midden
X____ base camp	_____ fish weir
X____ short-term resource procurement	_____ submerged prehistoric
_____ lithic quarry/extraction	_____ lithic scatter
_____ rockshelter/cave	_____ unknown
_____ cairn	_____ other: _____

2. Categories of aboriginal material or remains at site (check all applicable):

X____ flaked stone	_____ human skeletal remains
X____ ground stone	_____ faunal implements/ornaments
_____ stone bowls	X____ faunal material
X____ fire-cracked rock	_____ oyster shell
_____ other lithics	_____ floral material
X____ ceramics (vessels)	_____ unknown
_____ other fired clay	_____ other: _____

3. Lithic materials (check all applicable):

X____ jasper	_____ steatite
X____ chert	X____ sandstone
X____ rhyolite	_____ silicified sandstone
X____ quartz	_____ ferruginous quartzite
X____ quartzite	_____ European flint
_____ chalcedony	_____ basalt
_____ironstone	_____ unknown
X____ argillite	X____ other: Schist, greywacke, conglomerate

4. Diagnostics (choose from manual and give number recovered or observed):

2 Clagget PPKs	11 Mockley
2 Rossville PPKs	2 Shepard
2 Levanna PPKs	28 Rappahannock
2 Potomac PPKs	101 Potomac Creek
2 Marcey Creek	
2 Selden Island	
50 Accokeek	
15 Popes Creek	

5. Features present:

X____ yes
_____ no
_____ unknown

6. Types of features identified (check all applicable):

_____ midden	X____ chipping clusters
_____ shell midden	_____ refuse/storage pits
_____ postholes/molds	_____ burials
_____ house patterns	_____ ossuaries
_____ palisade	_____ unknown
_____ hearths	X____ other: pit, unknown function

7. Flotation samples collected:
X____ yes
_____ no
_____ unknown

analyzed:
_____ yes, by _____
X____ no
_____ unknown

8. Samples for radiocarbon dating collected:
_____ yes
X____ no
_____ unknown

Dates and Lab Reference Nos. _____

9. Soil samples collected:
_____ yes
X____ no
_____ unknown

analyzed:
_____ yes, by _____
_____ no
_____ unknown

10. Other analyses (specify):_____
_____
_____
_____

11. Additional comments:

12. Form filled out by: Heather Millis
Address/Company: TRC Environmental Corporation/50101 Governors Dr, Suite 250, Chapel Hill, NC 27517
Date: 5/6/19

MARYLAND ARCHEOLOGICAL SITE SURVEY: HISTORIC DATA FORM

Site Number 18MO749

1. Site class (check all applicable, check at least one from each group):

a. _____ domestic
_____ industrial
_____ transportation
_____ military
_____ sepulchre
_____ religious

. _____ commercial
_____ educational
_____ non-domestic agricultural
X____ unknown
_____ other:
_____

b. _____urban
X____ rural
_____ unknown

c. standing structure:
_____ yes
X____ no
_____ unknown

d. above-grade/visible ruin:
_____ yes
X____no
_____ unknown

2. Site Type (check all applicable):

_____ artifact concentration
_____ possible structure
_____ post-in-ground structure
_____ frame structure
_____ masonry structure
_____ log structure
_____ farmstead
_____ plantation
_____ townsite
_____ road/railroad
_____ wharf/landing
_____ bridge
_____ ford

_____ mill (specify:_____)
_____ raceway
_____ quarry
_____ furnace/forge
_____ other industrial (specify):
_____
_____ battlefield
_____ military fortification
_____ military encampment
_____ cemetery
X____ unknown
_____ other:_____

3. Ethnic Association:

_____Native American
_____ African American
_____ Angloamerican
_____ Hispanic American
_____ Asian American

_____ other Euroamerican (specify):
_____
X____ unknown
_____ other:
_____

4. Categories of material remains present (check all applicable):

_____ ceramics
_____ bottle/table glass
_____ other kitchen artifacts
X____ architecture
_____ furniture
_____ arms
X____ clothing
_____ personal items

_____ tobacco pipes
_____ activity items
_____ human skeletal remains
_____ faunal remains
_____ floral remains
_____ organic remains
_____ unknown
_____ other:
_____

5. Diagnostics (choose from manual and give number recorded or observed):

2 wrought nails

6. Features present:
_____yes
X____no
_____unknown

7. Types of features present:
_____ construction feature
_____ foundation
_____ cellar hole/storage cellar
_____ hearth/chimney base
_____ posthole/postmold
_____ paling ditch/fence
_____ privy
_____ well/cistern
_____ trash pit/dump
_____ sheet midden
_____ planting feature
_____ road/drive/walkway
_____ depression/mound
_____ burial
_____ railroad bed
_____ earthworks
_____ raceway
_____ wheel pit
_____ unknown
_____ other:
_____

8. Flotation samples collected:
_____ yes
X____ no
_____ unknown
analyzed:
_____ yes, by _____
_____ no
_____ unknown

9. Soil samples collected:
_____ yes
X____ no
_____ unknown
analyzed:
_____ yes, by _____
_____ no
_____ unknown

10. Other analyses (specify):_____
_____
_____
_____

11. Additional comments:

12. Form filled out by: Heather Millis
Address/Company: TRC Environmental Corporation/50101 Governors Dr, Suite 250, Chapel Hill, NC 27517
Date: 5/6/19

MARYLAND INVENTORY OF HISTORIC PROPERTIES

ARCHEOLOGICAL SITE SURVEY: BASIC DATA FORM

Date Filed: _____

Check if update: X

Maryland Department of Planning
Maryland Historical Trust
Division of Historical and Cultural Programs
100 Community Place
Crownsville, Maryland 21032

Site Number: 18MO751
County: Montgomery

A. DESIGNATION

1. Site Name: _____

2. Alternate Site Name/Numbers: Canal Site 3

3. Site Type (describe site chronology and function; see instructions):
Late Archaic, Early through Late Woodland resource procurement camp; mid- to late 18th century artifact scatter

4. Prehistoric X Historic X Unknown _____

5. Terrestrial X Submerged/Underwater _____ Both _____

B. LOCATION

6. USGS 7.5' Quadrangle(s): [redacted]

(For underwater sites) NOAA Chart No.:

(Photocopy section of quad or chart on page 4 and mark site location)

Latitude in decimal degrees _____ Longitude in decimal degrees _____

7. Maryland Archeological Research Unit Number: 12

8. Physiographic Province (check one):

_____ Allegany Plateau	_____ Lancaster/Frederick Lowland
_____ Ridge and Valley	X Eastern Piedmont
_____ Great Valley	_____ Western Shore Coastal Plain
_____ Blue Ridge	_____ Eastern Shore Coastal Plain

9. Major Watershed/Underwater Zo[redacted] (see instructions for map and list): Washington Metro

C. ENVIRONMENTAL DATA

10. Nearest Water Source: Potomac River Stream Order: 4

11. Closest Surface Water Type (check all applicable):

_____ Ocean	X Freshwater Stream/River
X Estuarine Bay/Tidal River	_____ Freshwater Swamp
_____ Tidal or Marsh	_____ Lake or Pond
	_____ Spring

12. Distance from closest surface water: _____ meters (or 100 feet)

C. ENVIRONMENTAL DATA [CONTINUED]

13. Current water speed: _____ knots 14. Water Depth: ___ meters

15. Water visibility: _____

16. SCS Soils Typology and/or Sediment Type: rock outcrop-Blocktown complex and overbank alluvium

17. Topographic Settings (check all applicable):

_____ Floodplain	_____ Hilltop/Bluff
_____ Interior Flat	_____ Upland Flat
_____ Terrace	_____ Ridgetop
_____ Low Terrace	_____ Rockshelter/Cave
_X_ High Terrace	_____ Unknown
_____ Hillslope	_____ Other:

18. Slope: 0–30%

19. Elevation: ____ meters (or 82–120 feet) above sea level

20. Land use at site when last field checked (check all applicable):

_____ Plowed/Tilled	_____ Extractive
_____ No-Till	_____ Military
_X_ Wooded/Forested	_____ Recreational
_____ Logging/Logged	_____ Residential
_____ Underbrush/Overgrown	X_____ Ruin
_____ Pasture	_____ Standing Structure
_____ Cemetery	X_____ Transportation
_____ Commercial	_____ Unknown
_____ Educational	_____ Other:

21. Condition of site:
    - _X_ Disturbed
    - _____ Undisturbed
    - _____ Unknown

22. Cause of disturbance/destruction (check all applicable):

_____ Plowed	_____ Vandalized/Looted
_____ Eroded/Eroding	_____ Dredged
_X_ Graded/Contoured	_____ Heavy Marine Traffic
_____ Collected	_____ Other:

23. Extent of disturbance:
    - _____ Minor (0-10%)
    - _X_ Moderate (10-60%)
    - _____ Major (60-99%)
    - _____ Total (100%)
    - _____ % unknown

C. ENVIRONMENTAL DATA [CONTINUED]

24. Describe site setting with respect to local natural and cultural landmarks (topography, hydrology, fences, structures, roads). Use continuation sheet if needed.

The site is located on a gently sloping terrace on [redacted] The northern boundary of the site is the [redacted] for C&O Canal Lock [redacted]. The western boundary of the site is the [redacted] and the southern boundary of the site is a rocky outcropping and slope approximately 150 ft south of the walking path. The portion of the site [redacted] of the towpath and canal is covered by manicured grass with a few scattered trees, and the portion of the site [redacted] of the towpath and canal is lightly wooded with sapling to mature sized mixed hardwood trees and a light underbrush.

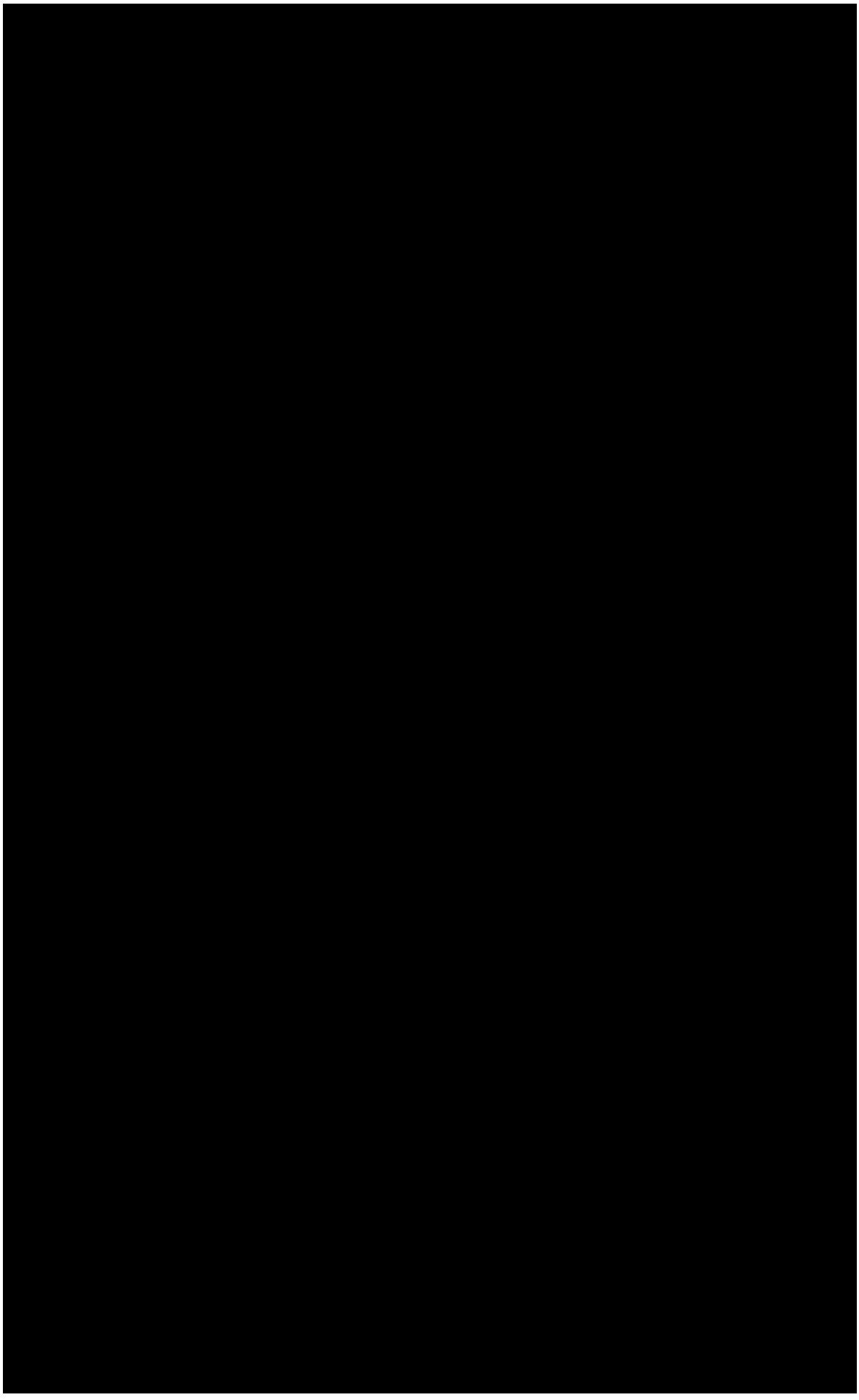
25. Characterize site stratigraphy. Include a representative profile on separate sheet, if applicable. Address plowzone (presence/absence), subplowzone features and levels, if any, and how stratigraphy affects site integrity. Use continuation sheet if needed.

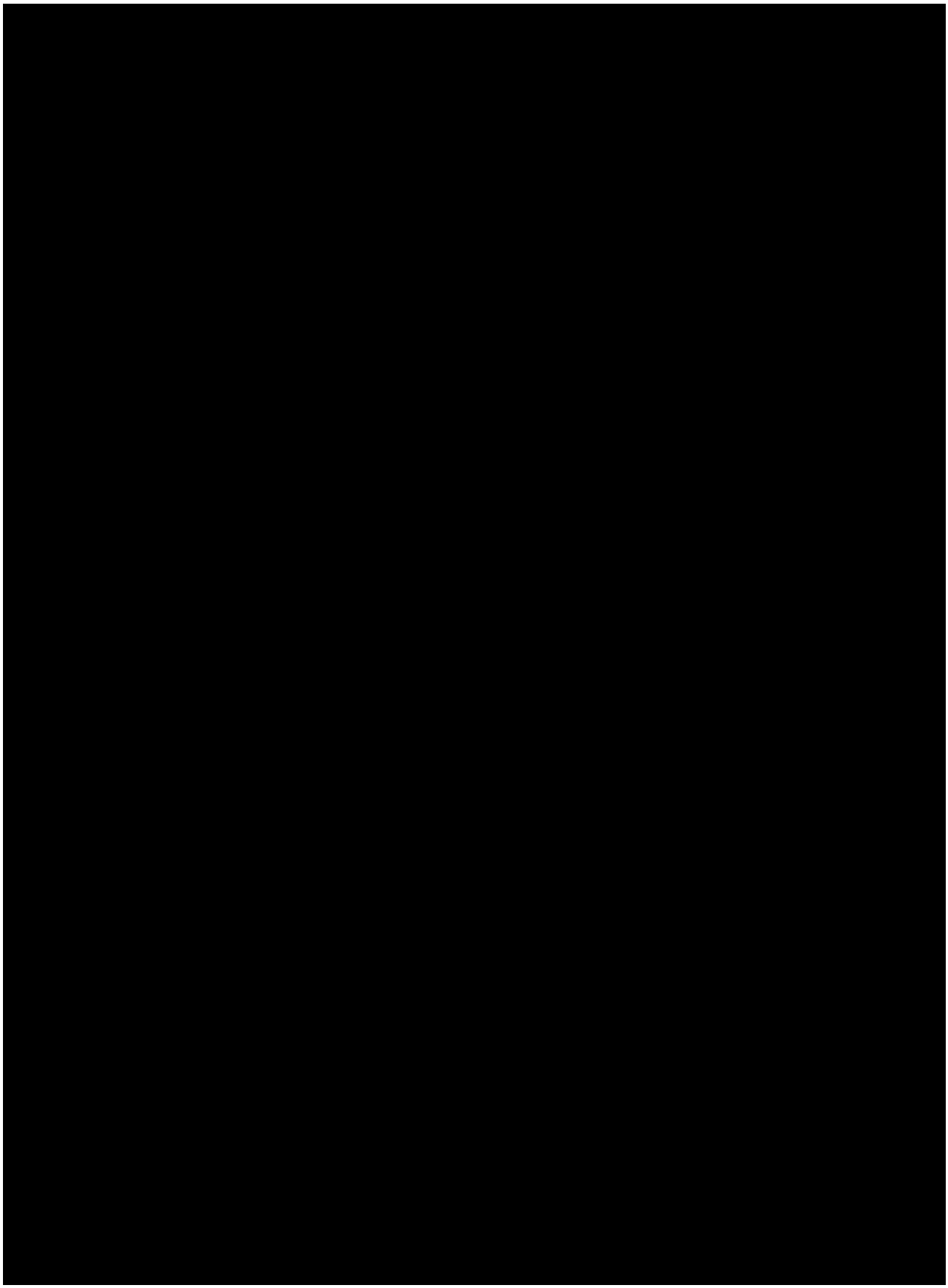
Site 18MO751 is situated on a gently sloping upland. The site area has suffered a considerable amount of disturbance, probably even to the extent that prospects for prehistoric or very early historic cultural materials no longer exist. Thin (0.2 ft) surface horizons resting directly atop subsoil horizons suggest some soil loss through grading. Additionally, the soils are not as deep as would be expected for a gently sloping upland. Although strongly developed with a yellowish red (5YR 4/6) color and clay loam texture, the argillic horizon (Bt) was found to be only 1.1 ft thick. Such a thickness is as little as half or even a third of what would normally be expected. The most likely scenario is that the area was historically stripped of soil, probably related to construction of the C&O Canal. A typical profile north of the towpath exhibited a dark yellowish brown (10YR 3/4) silt loam A horizon (0–1.0 ftbs) underlain by a dark yellowish brown (10YR 4/6) sandy clay subsoil (1.0–1.3 ftbs). A typical profile south of the towpath exhibited a very dark brown (10YR 2/2) silty clay loam A horizon (0–1.1 ftbs) atop a strong brown (7.5YR 4/6) clay subsoil (1.1–1.4 ftbs).

26. Site size: _____ meters by _____ meters (or 200 feet by 350 feet)

27. Draw a sketch map of the site and immediate environs, here or on separate sheet:

Scale: North arrow:





D. CONTEXT

28. Cultural Affiliation (check all applicable):

PREHISTORIC	HISTORIC:	
_____ Unknown	_____ Unknown	____ UNKNOWN
_____ Paleoindian	17th century	
_____ Archaic	_____ 1630-1675	
_____ Early Archaic	_____ 1676-1720	
_____ Middle Archaic	18th century	
_X_ Late Archaic	_____ 1721-1780	
_____ Terminal Archaic	_____ 1781-1820	
_____ Woodland	19th century	
_____ Adena	X_____ 1821-1860	
_X_ Early Woodland	X_____ 1861-1900	
_____ Middle Woodland	20th century	
_____ Late Woodland	X_____ 1901-1930	
	X_____ post-1930	
_____ CONTACT		

E. INVESTIGATIVE DATA

29. Type of investigation:

_____ Phase I	_____ Field Visit
_X_ Phase II/Site Testing	_____ Collection/Artifact Inventory
_____ Phase III/Excavation	_____ Report From Informant
_____ Archival Investigation	_____ Other:
_____ Monitoring	_____

30. Purpose of investigation:

_X_ Compliance	_____ Site Inventory
_____ Research	_____ MHT Grant Project
_____ Avocational	_____ Other:
_____ Regional Survey	_____

31. Method of sampling (check all applicable):

_____ Non-systematic surface search	X_____ Excavation units
_____ Systematic surface collection	_____ Mechanical excavation
_____ Non-systematic shovel test pits	_____ Remote sensing
_X_ Systematic shovel test pits	_____ Other:
	_____

32. Extent/nature of excavation: 52 shovel tests and 5 test units were excavated, all soil screened through ¼ inch mesh

F. SUPPORT DATA

33. Accompanying Data Form(s):
X_____ Prehistoric
X_____ Historic
_____ Shipwreck

34. Ownership: _____ Private _X_ Federal _____ State _____ Local/County _____ Unknown

35. Owner(s): NPS/C&O Canal Historic Park
    Address: _____
    Phone: _____
    Email: _____

36. Tenant and/or Local Contact: _____
    Address: _____
    Phone: _____
    Email: _____

37. Other Known Investigations: Arnold, Brett
    2019 Phase I Archaeological Investigation for the I-495 & I-270 Managed Lanes Study, Montgomery and Prince George's County, Maryland and Fairfax County, Virginia. Report Prepared by Rummel, Klepper & Kahl, LLP, Baltimore, Maryland for the Maryland Department of Transportation State Highway Administration.

38. Primary report reference or citation: Blood, Jason, Justin Warrenfeltz, and Heather Millis
    2019 Phase II Archaeological Evaluation at Sites 18PR750, 18MO749, and 18MO751 for the I-495/I-270 Managed Lanes Study Project, Prince George's and Montgomery Counties, Maryland. TRC Environmental Corporation on behalf of the MDOT SHA.

39. Other Records (e.g. slides, photos, original field maps/notes, sonar, magnetic record)?

_____ Slides	_____ Field record	_____ Other: _____
X_____ Photos	_____ Sonar	
X_____ Field maps	_____ Magnetic record	

40. If yes, location of records: TRC Environmental Corporation, Chapel Hill, NC

41. Collections at Maryland Archeological Conservation (MAC) Lab or to be deposited at MAC Lab?
    _____ Yes
    X_____ No
    _____ Unknown

42. If NO or UNKNOWN, give owner: National Park Service Museum Resource Center in Landover
    location: _____
    and brief description of collection: _____
    _____
    _____

43. Informant: _____
    Address: _____
    Phone: _____
    Email: _____

44. Site visited by Justin Warrenfeltz
    Company/Group name: TRC Environmental Corporation
    Address: 50101 Governors Drive, Suite 250, Chapel Hill, NC 27517
    Phone: 919-530-8446
    Email: jwarrenfeltz@trccompanies.com Date: 3/15/19

45. Form filled out by: Heather Millis
    Company/Group name: TRC Environmental Corporation
    Address: 50101 Governors Drive, Suite 250, Chapel Hill, NC 27517
    Phone: 919-530-8446
    Email: hmillis@trccompanies.com Date: 5/6/19

46. Site Summary/Additional Comments (append additional pages if needed):

MARYLAND ARCHEOLOGICAL SITE SURVEY: PREHISTORIC DATA FORM

Site Number 18MO751

1. Site type (check all applicable):

_____ village	_____ earthen mound
_____ hamlet	_____ shell midden
_____ base camp	_____ fish weir
_____ short-term resource procurement	_____ submerged prehistoric
_____ lithic quarry/extraction	X____ lithic scatter
_____ rockshelter/cave	_____ unknown
_____ cairn	_____ other: _____

2. Categories of aboriginal material or remains at site (check all applicable):

X____ flaked stone	_____ human skeletal remains
_____ ground stone	_____ faunal implements/ornaments
_____ stone bowls	_____ faunal material
_____ fire-cracked rock	_____ oyster shell
_____ other lithics	_____ floral material
_____ ceramics (vessels)	_____ unknown
_____ other fired clay	_____ other: _____

3. Lithic materials (check all applicable):

_____ jasper	_____ steatite
_____ chert	_____ sandstone
_____ rhyolite	_____ silicified sandstone
X____ quartz	_____ ferruginous quartzite
_____ quartzite	_____ European flint
_____ chalcedony	_____ basalt
_____ironstone	_____ unknown
_____ argillite	_____ other: _____

4. Diagnostics (choose from manual and give number recovered or observed):

1 Susquehanna Broadspear PPK	
1 Rossville PPK	

5. Features present:

_____ yes
X____ no
_____ unknown

6. Types of features identified (check all applicable):

_____ midden	_____ chipping clusters
_____ shell midden	_____ refuse/storage pits
_____ postholes/molds	_____ burials
_____ house patterns	_____ ossuaries
_____ palisade	_____ unknown
_____ hearths	_____ other: _____

7. Flotation samples collected:
_____ yes
X____ no
_____ unknown

analyzed:
_____ yes, by _____
_____ no
_____ unknown

8. Samples for radiocarbon dating collected:
_____ yes
X____ no
_____ unknown

Dates and Lab Reference Nos. _____

9. Soil samples collected:
_____ yes
X____ no
_____ unknown

analyzed:
_____ yes, by _____
_____ no
_____ unknown

10. Other analyses (specify):_____
_____
_____
_____

11. Additional comments:

12. Form filled out by: Heather Millis
Address/Company: TRC Environmental Corporation/50101 Governors Dr, Suite 250, Chapel Hill, NC 27517
Date: 5/6/19

MARYLAND ARCHEOLOGICAL SITE SURVEY: HISTORIC DATA FORM

Site Number 18MO751

1. Site class (check all applicable, check at least one from each group):

a.
_____ domestic
_____ industrial
X transportation
_____ military
_____ sepulchre
_____ religious

.
_____ commercial
_____ educational
_____ non-domestic agricultural
_____ unknown
_____ other:
_____

b.
_____ urban
X rural
_____ unknown

c. standing structure:
_____ yes
X no
_____ unknown

d. above-grade/visible ruin:
_____ yes
X no
_____ unknown

2. Site Type (check all applicable):

X artifact concentration
X possible structure
_____ post-in-ground structure
_____ frame structure
_____ masonry structure
_____ log structure
_____ farmstead
_____ plantation
_____ townsite
_____ road/railroad
_____ wharf/landing
_____ bridge
_____ ford
_____ mill (specify:_____)
_____ raceway
_____ quarry
_____ furnace/forge
X other industrial (specify):
canal lock and lockhouse_____
_____ battlefield
_____ military fortification
_____ military encampment
_____ cemetery
_____ unknown
_____ other:_____

3. Ethnic Association:

_____ Native American
_____ African American
_____ Angloamerican
_____ Hispanic American
_____ Asian American
_____ other Euroamerican (specify):
_____
X unknown
_____ other:
_____

4. Categories of material remains present (check all applicable):

X ceramics
X bottle/table glass
X other kitchen artifacts
X architecture
X furniture
X arms
X clothing
X personal items
X tobacco pipes
X activity items
_____ human skeletal remains
X faunal remains
_____ floral remains
_____ organic remains
_____ unknown
_____ other:
_____

5. Diagnostics (choose from manual and give number recorded or observed):

8 wrought nails	11 yellowware
449 machine cut nails	7 ironstone
282 wire nails	5 Rockingham ware
25 ball clay pipe fragments	
14 brown salt glazed stoneware	
11 gray salt glazed stoneware	
44 pearlware	
405 whiteware	

6. Features present:
   - X yes
   - _____ no
   - _____ unknown

7. Types of features present:

_____ construction feature	X____ road/drive/walkway
X____ foundation	_____ depression/mound
_____ cellar hole/storage cellar	_____ burial
_____ hearth/chimney base	_____ railroad bed
_____ posthole/postmold	_____ earthworks
_____ paling ditch/fence	_____ raceway
_____ privy	_____ wheel pit
_____ well/cistern	_____ unknown
_____ trash pit/dump	_____ other:
_____ sheet midden	_____
_____ planting feature	

8. Flotation samples collected:
   - _____ yes
   - X____ no
   - _____ unknown

   analyzed:
   - _____ yes, by _____
   - _____ no
   - _____ unknown

9. Soil samples collected:
   - _____ yes
   - X____ no
   - _____ unknown

   analyzed:
   - _____ yes, by _____
   - _____ no
   - _____ unknown

10. Other analyses (specify):_____
    _____
    _____
    _____

11. Additional comments:

12. Form filled out by: Heather Millis
    Address/Company: TRC Environmental Corporation/50101 Governors Dr, Suite 250, Chapel Hill, NC 27517
    Date: 5/6/19

APPENDIX 3

GEOMORPHOLOGY STUDY REPORTS

Geo-Sci Consultants LLC
4410 Van Buren Street, University Park, Maryland 20782
tel: 301 277 3731 **danwagner.soil@gmail.com**

GEOARCHAEOLOGY

OF SITE 18PR750

IN PRINCE GEORGES COUNTY, MARYLAND

By

Daniel P. Wagner, Ph.D.
Pedologist

Submitted to
TRC Companies Inc.

January 24, 2019

Introduction and Methods

This report summarizes pedological and geoarchaeological investigations at Site 18PR750 [redacted] in northwestern Prince Georges County, Maryland. The principal objectives of the study were to assess natural formation processes as well as the extent to which soils and landscapes may have been altered by modern disturbances. Investigations were therefore directed toward examinations of soil and geomorphic features for characterizations of deposit types and indications of landscape stability.

Field investigations were made on December 13, 1918, and entailed pedestrian traversal of landscapes together with soil examinations by means of backhoe trenching. Examined soil soils were described in accordance with standard pedological techniques and nomenclature for the field characterization of soil, and the compiled descriptions are attached at the end of the report.

Geomorphic Setting

The study location is situated within Maryland's Coastal Plain Physiographic Province. Geologically, this province is characterized by unconsolidated sediments that can range widely both in composition as well as age. Sediments of the Lower Cretaceous age Potomac Group are predominant throughout the broader region, and form the bulk of the upland terrain in the vicinity of the site area. These ancient sediments are, however, commonly capped by younger deposits of Quaternary age, derived by various fluvial or eolian processes. They therefore tend to have mixed compositions characterized by sandy and gravelly strata interbedded with layers of loamy, silty or even clayey sediments. Lower Cretaceous strata underlying the various Quaternary deposits can also be of mixed composition, particularly near the western edge of the Coastal Plain where the site area is located. Gravelly compositions are common in this zone, but much finer textures such as clay loam, silty clay loam, or clay can also occur, particularly with an eastward trend.

Independent of the deposit types, all of the regional upland landscapes are very old, and have prolonged histories of weathering usually greatly predating even the earliest human presence in the region. This has important implications for both prehistoric and early historic cultural resources since, as would be the case for all landscapes of such antiquity, most cultural materials should occur only at or near the level of original surfaces. Hence, integrity of the original upland surfaces is of paramount importance, and disturbances or destruction of these surfaces also translate to comparable impacts on archaeological deposits.

As with most Coastal Plain landscapes those in and near the study location are likely to have been greatly affected by a long record of previous tillage. Indeed, for most of the region farming has been so intensive that its effects have probably produced more significant soil and landscape alterations than all of the combined natural processes acting during the

Holocene. Tillage-induced soil erosion typically entails depletion of soil at higher landscape positions with subsequent deposition on lower ones. Much of the mobilized soil also finds its way to stream systems where it can ultimately be redeposited as local alluvium. Due to this process, floodplains and low-lying terraces are nearly everywhere mantled by appreciable deposits of agriculturally derived alluvium.

Geoarchaeology Discussion

Two landscape types occur within the wooded site area. These consist of a nearly level terrace of [redacted] as well as a gently sloping upland along the northern fringe of the site at a distance more removed from the creek. The upland soil was directly examined at a single footslope location (Trench 1) where a strongly developed loamy-textured soil was observed. Other more cursory examinations of several tree falls upslope of the trench revealed more gravelly soils but with comparably strong development (Figure 1). Although formerly plowed, the soil of Trench 1 has otherwise suffered little other disturbance (Figure 2). Unlike most upland positions which tend to be subject to erosive loss of soil due to tillage, the upland surface here is favorably positioned as a low-lying recipient of slope wash, which forms the upper 0.8 ft of the profile. Prior to this accumulation, however, this soil too had also suffered erosional deflation. This is evinced by the absence of an upper transitional subsoil horizon (BE) which in more stable conditions would normally underlie the plow zone. Where deflation has occurred this upper subsoil horizon tends to eventually be incorporated into the plow zone as the surface migrates downward with progressive soil loss.

Figure 1. Gravelly, strongly developed soils comprise most of the higher upland positions.

Resting directly atop argillic subsoil horizons (Bt) that have strong subsoil development indicative of a Pleistocene age, the plow zone would be the principal horizon to contain cultural materials. Depending on the tillage history some could also be present in the overlying slope wash due to upward mixing through a continuing regime of plowing. As would often be expected for a low-lying foot slope position, lower subsoil horizons display

evidence of seasonal saturation (mottling); however, seasonally impeded drainage in this moderately well drained soil occurs at a deep enough depth that the location would have been suitable for year-round occupation.

Figure 2. The upland soil of Trench 1 has a history of former tillage, but is otherwise largely intact.

The terrace landscape is relatively extensive, but unlike the upland, it has not been available for occupation for nearly as long. In contrast to the strong argillic horizon development in the upland soil, subsoil formation in the terrace soil is limited to that of a much less mature cambic horizon (2Bwb). While the terrace has likely been mostly stable for perhaps about 2,500 years, this late Holocene landscape would not have existed for the great majority of the region's occupational history.

Also unlike the upland, drainage limitations on the terrace are an important consideration for cultural implications. Although no standing surface water was present at the time of the study, indications of former ponding were apparent at several locations (Figure 3). Similarly, the examined terrace soil (Trench 2) displayed ample signs of restricted drainage with mottling throughout all subsoil horizons rising even to the level immediately beneath the original surface (2Ab). This somewhat poorly drained soil marks a nearly wetland setting. Possibly inhabitable during dryer months of the year, prehistoric populations as well as Europeans almost surely would have avoided the location in favor of higher, better drained positions such as the nearby upland. It also worth noting that, feasibly due to excessive wetness, the original surface does not appear to have been plowed.

Another cultural consideration for the terrace is widespread disturbance. Fill, probably related to highway construction, is common. This introduced material comprised the upper 1.8 ft of the examined profile, and the underlying original surface here had also been highly disturbed as the fill was deposited (Figure 4). Elsewhere, a distinctive low ridge with a suspiciously abrupt rise that would tend to argue against natural origin, was indeed found to consist of fill (Figure 5). This was possibly attributable to installation of a nearby sewer line.

In any event, surface disturbance together with impeded drainage combine to greatly minimize prospects for intact cultural resources on the terrace.

Figure 3. Stained and flattened leaves indicate a location where standing surface water in sometimes present.

Figure 4. The original terrace surface in Trench 2 is highly disturbed, and is also buried by 1.8 ft (56 cm) of introduced earthen fill.

Figure 5. Only mixed fill materials were encountered at the highly modified terrace landscape of Trench 3.

Summary

Both upland and alluvial landscapes are present within the site area. As would be typical of the regional Coastal Plain uplands, strong subsoil development indicates that prior to the introduction of European agriculture the upland had been mostly stable since well into the Pleistocene. This age combined with tillage-induced deflation, limits cultural deposits to near-surface levels.

A late Holocene terrace along [redacted] has much more severe limitations for cultural resources. Not only would poor drainage have rendered the landscape undesirable for occupation, but modern disturbances entailing grading and the introduction of fill materials have also affected large parts of this landscape.

Soil Profile Descriptions and Notes

Trench 1

Horizon	Depth (ft)	Properties
A	0-0.2	Dark brown (7.5YR 3/2) loam; moderate, medium granular structure; very friable consistence; abrupt, smooth boundary
C	0.2-0.8	Brown (7.5YR 4/4) loam; structureless, massive; very friable consistence; clear, smooth boundary
Ap	0.8-1.4	Brown (7.5YR 4/3) loam; structureless, massive; very friable consistence; abrupt, smooth boundary
Bt1	1.4-2.2	Dark yellowish brown (10YR 4/6) loam to silt loam; weak, medium subangular blocky structure; patchy clay films; friable consistence; clear, smooth boundary
Bt2	2.2-2.7	Dark yellowish brown (10YR 4/6) loam to silt loam; common, medium distinct mottles of brown (10YR 5/3); weak, medium subangular blocky structure; patchy clay films; friable consistence; clear, smooth boundary
Bt3	2.7-3.1+	Dark yellowish brown (10YR 4/6) loam; many coarse, distinct mottles of light brownish gray (10YR 6/2) and common, medium distinct mottles strong brown (7.5YR 4/6); weak, coarse prismatic breaking to moderate to weak, medium subangular blocky structure; nearly continuous clay films; firm to friable consistence

Other comments: Upland footslope position; 3% slope; moderately well drained; upper 0.8 ft are slope wash; description by D.P. Wagner, 12/13/18
GPS: [redacted]

Trench 2

Horizon	Depth (ft)	Properties
A	0-0.2	Dark brown (7.5YR 3/2) sandy loam; moderate, medium granular structure; very friable consistence; abrupt, smooth boundary
C	0.2-1.8	Strong brown (7.5YR 4/6) sandy loam; structureless, massive; very friable consistence; clear, wavy boundary
2Ab	1.8-2.4	Dark olive brown (2.5Y 3/3) loam; structureless, massive; friable consistence; clear, wavy boundary
2Eb	2.4-2.8	Brown (10YR 4/3) sandy loam; common, medium distinct mottles of grayish brown (10YR 5/2); Mn mottling; weak, medium platy structure; friable consistence; clear, smooth boundary
2Bwb1	2.8-3.5	Dark yellowish brown (10YR 4/4) sandy loam; common, medium distinct mottles of brown (10YR 5/3); weak, medium subangular blocky structure; friable consistence; clear, smooth boundary
2Bwb2	3.5-4.4	Strong brown (7.5YR 4/6) sandy loam; common, medium distinct mottles of brown (10YR 5/3); weak, coarse to medium subangular blocky structure; friable consistence; clear, smooth boundary
2Bwb3	4.4-5.2	Strong brown (7.5YR 4/6) sandy loam; common, medium distinct mottles of brown (10YR 5/3); weak, coarse to medium subangular blocky structure; very friable consistence; clear, smooth boundary
2C	5.2-5.9	Dark yellowish brown (10YR 4/6) loam; structureless, massive; very friable consistence; clear, smooth boundary
3C	5.9-6.1+	Dark yellowish brown (10YR 4/6) gravelly sandy loam; structureless, massive; very friable consistence

Other comments: Stream terrace position; ~8 ft above stream; somewhat poorly drained; water table 6 ft; upper 1.8 ft are fill; 2Ab horizon is highly disturbed; high mica content throughout solum; description by D.P. Wagner, 12/13/18
GPS: [redacted]

Trench 3

Artificial levee; fill to > 2 ft
GPS: [redacted]

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GEOARCHAEOLOGY

FOR C&O CANAL SITES 1 AND 3

(18MO749, 18MO751)

IN MONTGOMERY COUNTY, MARYLAND

By

Daniel P. Wagner, Ph.D.
Pedologist

Joseph E. Clemens
Assistant Geoarchaeologist

Submitted to
TRC Companies Inc.

March 5, 2019

Introduction

This report discusses pedological and geomorphological interpretations of soils and landscapes in two site areas (18MO749, 18MO751) [redacted] in Montgomery County, Maryland. Investigations were undertaken primarily for the purpose of assessing the potential for prehistoric or early historic cultural resources. Such assessments are based on considerations of apparent deposit age and stability as well as environmental conditions relating to human utilization of a landscape.

Field investigations were undertaken on February 5, 2019, and entailed pedestrian traversal of landscapes as well as examinations of soil profiles by means of hand auger borings. Soil profiles were described in accordance with standard pedological techniques and nomenclature for the field description of soils. These descriptions are attached at the end of the report, and approximate boring locations are shown in Figure 1.

Physiology and Geology

The study location is situated within the Uplands Section of Maryland's Piedmont Physiographic Province. This section is characterized by ancient metamorphic rock types, and bedrock in the vicinity of the project area is prototypic for the section. Consisting of the Late Precambrian age Upper Pelitic Schist member of the Wissahickon Formation, this rock forms the moderately to gently sloping uplands of the region, and soils developed from them are the principal sources for transported materials carried as alluvium by local streams. In contrast, alluvial forms close to the Potomac River are comprised of sediments derived from the rocks and soils of multiple, distant provinces.

A gently sloping upland accounts for one of the sites (Site 3). Piedmont upland landscapes normally have prolonged histories of cultivation, and tillage-induced soil movement entailing both erosion as well as redeposition often accounts for more significant changes in regional soils and landscapes then all of the combined natural processes of the Holocene. Additionally, upland antiquities typically dating well into the Pleistocene limit almost all prospects for cultural materials to near-surface levels. For this reason surface integrity is of paramount importance, and any disturbance or destruction of an upland surface usually translates to comparable effects on cultural deposits.

The other site (Site 1) is contained on a terrace of the [redacted] Together with the active floodplain, a chrono-sequence of terraces is known to occur along the river. Whereas the floodplain is comprised of modern, unstable deposits with no cultural potential, higher and older terraces can be assigned potentials respective to their ages. For those dating to the Pleistocene, cultural materials would generally have the same near-surface restriction as uplands. Younger and typically lower lying Holocene terraces were formed after humans had arrived in the region, and accordingly have potentials for buried occupation levels.

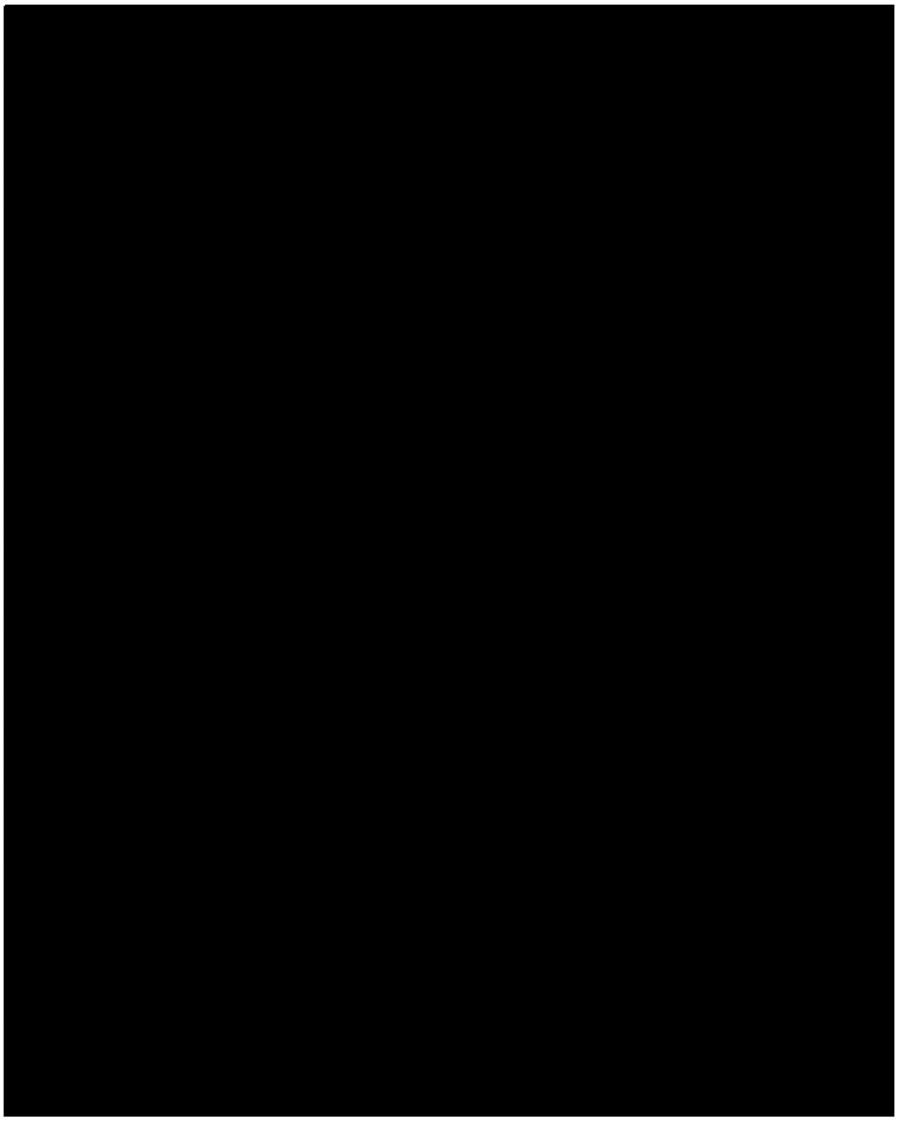

Figure 1. Approximate locations of soil borings.

Geoarchaeology Discussions

Site 3

As stated above, this site is situated on a Piedmont upland landscape. Based on two soil examinations, the site area has suffered a considerable amount of disturbance, probably even to the extent that prospects for prehistoric or very early historic cultural materials no longer exist. In each of the examinations thin (0.2 ft) surface horizons resting directly atop subsoil horizons suggest some soil loss through grading. Additionally, the soils are not as deep as would be expected for a gently sloping upland. Although strongly developed with a yellowish red (5YR 4/6) color and clay loam texture, the argillic horizon (Bt) at the location of Boring 1was found to be only 1.1 ft thick. Such a thickness is as little as half or even a third of what would normally be expected (Figure 2). The most likely scenario is that the area was historically stripped of soil, probably related to construction of the C&O Canal. Initial archaeological recoveries of artifacts dating only to the middle of the 19th Century or later tend to support this conjecture.

Figure 2. Although strongly developed, the thinness of the Boring 1 subsoil argillic horizon between the depths of 0.7 and 1.8 ft (20 to 53 cm) is suggestive of substantial grading.

Site 1

The terrace landscape of this site is markedly different from that of Site 3. Not only is it of fluvial construction, but it is not nearly as disturbed. Except for very near the bridge where grading and exacerbated stream incision have occurred, the only other historic modifications are related to a past history of tillage and the deposition of a relatively thin (~1 ft) surface veneer of modern alluvium.

The fluvial landscape sequence here has three components consisting of the active floodplain of the [redacted] the river terrace on which the site area is contained, and an adjoining upland marked by bedrock outcrops. Rising about 11 ft above the river the active floodplain has a breadth of roughly 100 ft before the toe of the site area terrace is intercepted. A relatively abrupt rise of some 7 ft then places the site landscape at a height of 18 ft above the river (Figure 3). From this edge the terrace carries landward for 150 ft or so where another rise of a few feet marks the terrace/upland demarcation.

Figure 3. View from the edge of the site terrace across the lower lying floodplain [redacted] Trunk burial on the floodplain is indicative of active sedimentation.

Due to the uniformity of the landscape, the relatively small size of the site area, and similar soil stratigraphy exposed along the nearby eroding stream bank, a single soil examination was considered adequate to characterize the terrace soil. Unlike many terrace soils along the river that tend to be mostly silty, the soil here is fine-sandy. The vertically accreted, overbank alluvium is quite deep (>9.2 ft), but very weak subsoil development limited to color-B cambic horizon (Bw) formation is indicative of a young terrace age of no more than late Holocene (Figure 4). Obviously amassed after humans had long occupied the region, almost all levels within this terrace have some potential for prehistoric cultural material. As with any overbank column every depth increment was at one time in close proximity to a former surface and therefore potentially habitable. Exceptions at this site are a seasonally saturated layer below the depth of 7.8 ft (2Bw2b horizon), and the upper mantle of

historic alluvium (Ap1 horizon) where the only possibility for prehistoric artifacts would be upward mixing by an ongoing plowing regimen coincident with deposition of the modern sediment.

Figure 4. Weak subsoil development in the deep sandy alluvium of the terrace is evidence that the deposits were amassed late in the Holocene.

The highest archaeological potential should be assigned to the Ap2 horizon, which was the original surface at Contact. Most artifacts would likely be near this horizon's base or just below it. Some potential actually exists to the 7.8-ft depth of saturation, but the rapid rate of sediment deposition evinced by the weak subsoil development means that at the times deeper subsoil levels corresponded to former surfaces their availability for occupation would only have been relatively short-term before burial by newly arriving sediments. Therefore, the greatest likelihood is that the site is a single component, Late Woodland occupation, which is also consistent with the reported depths of artifact retrieval and the predominance of quartz in the lithic retrievals. Underlying earlier Woodland components cannot be wholly ruled out, and some Late Archaic potential could possibly be assigned to the 2Bwb1 horizon between the depths of 6.0 and 7.8 ft. Any older levels underlying this would have been too poorly drained for occupation and at a height above the Potomac River matching that of the active floodplain.

Site 3 Soil Profile Descriptions

Boring 1

Horizon	Depth (ft)	Properties
A	0-0.2	Dark brown (10YR 3/3) loam; friable consistence
BE	0.2-0.7	Brown (7.5YR 4/4) loam; friable consistence
Bt	0.7-1.8	Yellowish red (5YR 4/6) clay loam; friable consistence
BC	1.8-2.5+	Yellowish red (5YR 4/6) sandy clay loam; friable consistence

Other comments: Upland backslope position; 4% slope; soil estimated to be truncated > 1 ft; description by D.P. Wagner and J.E. Clemens, 2/5/19
GPS: [redacted]

Boring 2

Horizon	Depth (ft)	Properties
A	0-0.2	Dark brown (10YR 3/3) loam; friable consistence
BA	0.2-0.7	Brown (7.5YR 4/4) and dark brown (10YR 3/3) clay loam; friable consistence
Bt	0.7-1.8	Yellowish red (5YR 4/6) clay loam; friable consistence

Other comments: Upland backslope position; 4% slope; soil estimated to be truncated > 1 ft; description by D.P. Wagner and J.E. Clemens, 2/5/19
GPS: [redacted]

Site 1 Soil Profile Description

Boring 1

Horizon	Depth (ft)	Properties
Ap1	0-1.1	Dark brown (10YR 3/3) loamy fine sand; very friable consistence
Ap2	1.1-1.8	Dark yellowish brown (10YR 3/4) loamy fine sand; very friable consistence
Bw1	1.8-2.5	Brown (10YR 4/3) loamy fine sand; very friable consistence
Bw2	2.5-4.5	Dark yellowish brown (10YR 4/4) loamy fine sand; very friable consistence
Bw3	4.5-6.0	Dark yellowish brown (10YR 4/4) loamy sand; very friable consistence
2Bwb1	6.0-7.8	Brown (7.5YR 4/4) fine sandy loam; very friable consistence
2Bwb2	7.8-9.2+	Brown (7.5YR 4/4) fine sandy loam; common, medium distinct mottles of brown (10YR 5/3); friable consistence

Other comments: Late Holocene terrace position; 2% slope; ~18 ft above river; faint mottling near base of 2Bwb1 horizon; description by D.P. Wagner and J.E. Clemens, 2/5/19
GPS: [redacted]

APPENDIX 4

ARPA PERMIT

United States Department of the Interior

NATIONAL PARK SERVICE
National Capital Region
1100 Ohio Drive, S.W.
Washington, D.C. 20242

IN REPLY REFER TO:

1.A.2 (NCR-RESS)

February 25, 2019

Heather Millis
TRC Environmental Corporation
50101 Governor's Drive, Suite 250
Chapel Hill, North Carolina 27517

Dear Ms. Millis:

Enclosed is an Archeological Resources Protection Act (ARPA) permit to conduct Phase II test excavations at two archeological sites, 18MO749 and 18MO751, in Montgomery County, Maryland. These sites were identified during previous archeological investigations associated with the Maryland Department of Transportation's (MOOT) I-495 and I-270 Managed Lane Study (ARPA Permit No. 18-CHOH/NACE-10). These two sites are located on lands administered by the Chesapeake and Ohio Canal National Historic Park. Your permit number for this project is 19-CHOH-2 and is effective from December 1, 2018 to December 1, 2019.

The person in direct charge of the field work should have a copy of the permit with them at all times and should be prepared to produce the permit if requested by National Park Service personnel. Please note and comply with all stipulations attached to the permit. Failure to comply with any of the stipulations will result in the revocation of your permit.

Upon review and approval of the final report documenting any archeological discoveries, please complete a report documentation form (see item 15.t. under standard permit conditions for the on-line address) and transmit it with 12 copies of the final report to Dr. Joshua M. Torres, Regional Archeologist, 1100 Ohio Drive, Washington, DC 20242.

You may contact Dr. Torres by email (joshua_torres@nps.gov) or telephone at (202) 619-7273, if you have any questions concerning your permit.

Sincerely,

Lisa A Mendelson-Ielmini

Lisa A Mendelson-Ielmini
Acting Regional Director

Enclosure

Please use this number
when referring to this permit

19-CHOH-02

No.: _____

DI Form 1991 (Rev Jan 2008)
for use with DI Form 1926
OMB No. 1024-0037
Exp. Date (6/30/2014)

United States Department of the Interior

PERMIT FOR ARCHEOLOGICAL INVESTIGATIONS

To conduct archeological work on Department of the Interior lands and Indian lands under the authority of:

- ☒ The Archaeological Resources Protection Act of 1979 (16 U.S.C. 470aa-mm) and its regulations (43 CFR 7).
- ☐ The Antiquities Act of 1906 (P.L. 59-209; 34 Stat. 225, 16 U.S.C. 431-433) and its regulations (43 CFR 3).
- ☐ Supplemental regulations (25 CFR 262) pertaining to Indian lands.
- ☐ Bureau-specific statutory and/or regulatory authority: _____

_____

1. Permit issued to TRC Environmental Corporation	2. Under application dated 12/13/2018
3. Address 50101 Governor's Drive, Suite 250, Chapel Hill, NC 27517	4. Telephone number(s) 919-475-5507
	5. E-mail address(es) HMillis@trcsolutions.com

6. Name of Permit Administrator HMillis@trcsolutions.com Telephone number(s): (919) 475-5507 Email address(es): HMillis@trcsolutions.com	7. Name of Principal Investigator(s) Heather Millis Telephone number(s): (919) 475-5507 Email address(es): HMillis@trcsolutions.com
8. Name of Field Director(s) authorized to carry out field projects Bruce Idol and Jason Blood	Telephone number(s): 919-219-6293; 919-414-3428 Email address(es): JBlood@trcsolutions.com or BIdol@trcsolutions.com

9. Activity authorized: Access CHOH park property to conduct Phase II Archeological Excavations at sites18MO749 and 18MO751. Entails excavation of up to 5 (five), 5-x-5 ft. units at each site. Additional shovel testing as needed. Anticipated artifact collection and transport of materials off-site for analysis, processing, and curation preparation.

10. On lands described as follows [redacted]

11. During the duration of the project From December 1, 2018 To December 1, 2019

12. Name and address of the curatorial facility in which collections, records, data, photographs, and other documents resulting from work under this permit shall be deposited for permanent preservation on behalf of the United States Government.

National Park Service, Museum Resource Center, 3300 Hubbard Road, Landover, MD20785

13. Permittee is required to observe the listed standard permit conditions and the special permit conditions attached to this permit.

14. Signature and title of approving official Mendelson Regn Dir	15. Date 2/25/19

15. Standard Permit Conditions

a. This permit is subject to all applicable provisions of 43 CFR Part 3, 43 CFR 7, and 25 CFR 262, and applicable departmental and bureau policies and procedures, which are made a part hereof.

b. The permittee and this permit are subject to all other Federal, State, and local laws and regulations applicable to the public lands and resources.

c. This permit shall not be exclusive in character, and shall not affect the ability of the land managing bureau to use, lease or permit the use of lands subject to this permit for any purpose.

d. This permit may not be assigned.

e. This permit may be suspended or terminated for breach of any condition or for management purposes at the discretion of the approving official, upon written notice.

f. This permit is issued for the term specified in 11 above.

g. Permits issued for a duration of more than one year must be reviewed annually by the agency official and the permittee.

h. The permittee shall obtain all other required permit(s) to conduct the specified project.

i. Archeological project design, literature review, development of the regional historic context framework, site evaluation, and recommendations for subsequent investigations must be developed with direct involvement of an archeologist who meets the Secretary of the Interior's Standards for Archeology and Historic Preservation; fieldwork must be generally overseen by an individual who meets the Secretary of the Interior's Standards for Archeology and Historic Preservation.

j. Permittee shall immediately request that the approving official (14. above) make a modification to accommodate any change in an essential condition of the permit, including individuals named and the nature, location, purpose, and time of authorized work, and shall without delay notify the approving official of any other changes affecting the permit or regarding information submitted as part of the application for the permit. Failure to do so may result in permit suspension or revocation.

k. Permittee may request permit extension, in writing, at any time prior to expiration of the term of the permit, specifying a limited, definite amount of time required to complete permitted work.

l. Any correspondence about this permit or work conducted under its authority must cite the permit number. Any publication of results of work conducted under the authority of this permit must cite the approving bureau and the permit number.

m. Permittee shall submit a copy of any published journal article and any published or unpublished report, paper, and manuscript resulting from the permitted work (apart from those required in items q. and s., below), to the approving official and the appropriate official of the approved curatorial facility (item 12 above).

n. Prior to beginning any fieldwork under the authority of this permit, the permittee, following the affected bureau's policies and procedures, shall contact the field office manager responsible for administering the lands involved to obtain further instructions.

o. Permittee may request a review, in writing to the official concerned, of any disputed decision regarding inclusion of specific terms and conditions or the modification, suspension, or revocation of this permit, setting out reasons for believing that the decision should be reconsidered.

p. Permittee shall not be released from requirements of this permit until all outstanding obligations have been satisfied, whether or not the term of the permit has expired. Permittee may be subject to civil penalties for violation of any term or condition of this permit.

15. Standard Permit Conditions (continued)

q. Permittee shall submit a preliminary report to the approving official within a timeframe established by the approving official, which shall be no later than 6 weeks after the completion of any episode of fieldwork, setting out what was done, how it was done, by whom, specifically where, and with what results, including maps, GPS data, an approved site form for each newly recorded archeological site, and the permittee's professional recommendations, as results require. If other than 6 weeks, the timeframe shall be specified in Special Permit Condition p. Depending on the scope, duration, and nature of the work, the approving official may require progress reports, during or after the fieldwork period or both, and as specified in Special Permit Condition r.

r. Permittee shall submit a clean, edited draft final report to the agency official for review to insure conformance with standards, guidelines, regulations, and all stipulations of the permit. The schedule for submitting the draft shall be determined by the agency official.

s. Permittee shall submit a final report to the approving official not later than 180 days after completion of fieldwork. Where a fieldwork episode involved only minor work and/or minor findings, a final report may be submitted in place of the preliminary report. If the size or nature of fieldwork merits, the approving official may authorize a longer timeframe for the submission of the final report as specified in Special Permit Condition q.

t. Two copies of the final report, a completed NTIS Report Documentation Page (SF-298), available at http://www.ntis.gov/pdf/rdpform.pdf, and a completed NADB-Reports Citation Form, available at http://www.cr.nps.gov/aad/tools/nadbform_update.doc, will be submitted to the office issuing the permit.

u. The permittee agrees to keep the specific location of sensitive resources confidential. Sensitive resources include threatened species, endangered species, and rare species, archeological sites, caves, fossil sites, minerals, commercially valuable resources, and sacred ceremonial sites.

v. Permittee shall deposit all artifacts, samples and collections, as applicable, and original or clear copies of all records, data, photographs, and other documents, resulting from work conducted under this permit, with the curatorial facility named in item 12, above, not later than 90 days after the date the final report is submitted to the approving official. Not later than 180 days after the final report is submitted, permittee shall provide the approving official with a catalog and evaluation of all materials deposited with the curatorial facility, including the facility's accession and/or catalog numbers.

w. Permittee shall provide the approving official with a confirmation that museum collections described in v. above were deposited with the approved curatorial facility, signed by an authorized curatorial facility official, stating the date materials were deposited, and the type, number and condition of the collected museum objects deposited at the facility.

x. Permittee shall not publish, without the approving official's prior permission, any locational or other identifying archeological site information that could compromise the Government's protection and management of archeological sites.

y. For excavations, permittee shall consult the OSHA excavation standards which are contained in 29 CFR §1926.650, §1926.651 and §1926.652. For questions regarding these standards contact the local area OSHA office, OSHA at 1-800-321-OSHA, or the OSHA website at http://www.osha.gov.

z. Special permit conditions attached to this permit are made a part hereof.

16. Special Permit Conditions

☐ a. Permittee shall allow the approving official and bureau field officials, or their representatives, full access to the work area specified in this permit at any time the permittee is in the field, for purposes of examining the work area and any recovered materials and related records.

☐ b. Permittee shall cease work upon discovering any human remains and shall immediately notify the approving official or bureau field official. Work in the vicinity of the discovery may not resume until the authorized official has given permission.

☐ c. Permittee shall backfill all subsurface test exposures and excavation units as soon as possible after recording the results, and shall restore them as closely as reasonable to the original contour.

☐ d. Permittee shall not use mechanized equipment in designated, proposed, or potential wilderness areas unless authorized by the agency official or a designee in additional specific conditions associated with this permit.

☐ e. Permittee shall take precautions to protect livestock, wildlife, the public, or other users of the public lands from accidental injury in any excavation unit.

☐ f. Permittee shall not conduct any flint knapping or lithic replication experiments at any archeological site, aboriginal quarry source, or non-site location that might be mistaken for an archeological site as a result of such experiments.

☐ g. Permittee shall perform the fieldwork authorized in this permit in a way that does not impede or interfere with other legitimate uses of the public lands, except when the authorized officer specifically provides otherwise.

☐ h. Permittee shall restrict vehicular activity to existing roads and trails unless the authorized officer provides otherwise.

☐ i. Permittee shall keep disturbance to the minimum area consistent with the nature and purpose of the fieldwork.

☐ j. Permittee shall not cut or otherwise damage living trees unless the authorized officer gives permission.

☐ k. Permittee shall take precautions at all times to prevent wildfire. Permittee shall be held responsible for suppression costs for any fires on public lands caused by the permittee's negligence. Permittee may not burn debris without the authorized officer's specific permission.

☐ l. Permittee shall conduct all operations in such a manner as to prevent or minimize scarring and erosion of the land, pollution of the water resources, and damage to the watershed.

☐ m. Permittee shall not disturb resource management facilities within the permit area, such as fences, reservoirs, and other improvements, without the authorized officer's approval. Where disturbance is necessary, permittee shall return the facility to its prior condition, as determined by the authorized officer.

☐ n. Permittee shall remove temporary stakes and/or flagging, which the permittee has installed, upon completion of fieldwork.

☐ o. Permittee shall clean all camp and work areas before leaving the permit area. Permittee shall take precautions to prevent littering or pollution on public lands, waterways, and adjoining properties. Refuse shall be carried out and deposited in approved disposal areas.

☐ p. Permittee shall submit the preliminary report within _____ days/weeks of completion of any episode of fieldwork..

☐ q. Permittee shall submit the final report within _____ days/weeks/months after completion of fieldwork..

☐ r. Permittee shall submit progress reports every _____ months over the duration of the project.

☐ s. Additional special permit conditions are attached.

19-CHOH-02

Permit No. _____

Special Permit Conditions Continuation Sheet

See attached park specific permit stipulations from Superintendent Brandt, February 5, 2019.

By signing below, I, the Principal Investigator, acknowledge that I have read and understand the Permit for Archeological Investigations and agree to its terms and conditions as evidenced by my signature below and initiation of work or other activities under the authority of this permit.

Signature and title:	Date:
Heather Miller, Principal Investigator	2/28/19

Paperwork Reduction Act and Estimated Burden Statement: This information is being collected pursuant to 16 U.S.C. 470cc and 470mm, to provide the necessary facts to enable the Federal land manager (1) to evaluate the applicant's professional qualifications and organizational capability to conduct the proposed archeological work; (2) to determine whether the proposed work would be in the public interest; (3) to verify the adequacy of arrangements for permanent curatorial preservation, as United States property, of specimens and records resulting from the proposed work; (4) to ensure that the proposed activities would not be inconsistent with any management plan applicable to the public lands involved; (5) to provide the necessary information needed to complete the Secretary's Report to Congress on Federal Archeology Programs; and (6) to allow the National Park Service to evaluate Federal archeological protection programs and assess compliance with the Archaeological Resources Protection Act of 1979 (16 U.S.C. 470). Submission of the information is required before the applicant may enjoy the benefit of using publicly owned archeological resources. To conduct such activities without a permit is punishable by felony-level criminal penalties, civil penalties, and forfeiture of property. A federal agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. Public reporting for this collection of information is estimated to average three hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Departmental Consulting Archeologist; NPS; 1849 C Street, NW (2275); Washington, DC 20240-0001.

United States Department of the Interior

NATIONAL PARK SERVICE
C&O Canal National Historical Park
1850 Dual Highway, Suite 100
Hagerstown, Maryland 21740

IN REPLY REFER TO:
1.A.2. (NCR-CHOH)

February 5, 2019

Memorandum

To: Dr. Joshua Torres, Regional Archeologist, National Capital Region

From: Kevin D. Brandt, Superintendent, Chesapeake and Ohio Canal National Historical Park 2/5/19

Subject: Review of Archeological Resource Protection Act Permit for Phase II Testing at two Archeological Sites (ARPA Permit Application 001/MD/19).

We have reviewed the request for an Archeological Resource Protection Act (ARPA) permit (Control No. 001/MD/19) to conduct Phase II test excavations at two archeological sites—18MO749 and 18MO751. These sites were identified through previous archeological investigations associated with the Maryland Department of Transportation's (MDOT) I-495 and I-295 Managed Lane Study (ARPA Permit No. 18-CHOH/NACE-10) . The permit was submitted by Heather Mills, archeologist for TRC Environmental Corporation, on behalf of MDOT.

We have found the request for the ARPA permit to be sufficient and have no objections to issuance of a permit to complete the proposed work. We recommend the permit be issued following the proposed work detailed in Section 6 of the application and the enclosed park specific stipulations.

If you have any questions or concerns, please feel free to contact Jeri DeYoung, Chief of Resource Management, Chesapeake and Ohio Canal National Historical Park at (301) 714-2210, or jeri_deyoung@nps.gov.

Attachment: CHOH Permit Stipulations

ARPA Permit - Special Stipulations (cont.)
National Park Service, National Capital Region
Chesapeake and Ohio Canal

1. All archeological remains recovered during the course of the archeological investigations done under the terms of this permit shall be processed and cataloged in accordance with the revised National Park Service (NPS) Museum Handbook on Accessioning and Cataloging Museum Objects. All artifacts will be cataloged using the Interior Collection Management System (ICMS). Copies of the ICMS worksheets and appropriate software will be provided by Ms. Marian Creveling, the Archeological Laboratory Director of the Regional Archeology Program (RAP) or her designee (301 832-3966). Accession numbers and catalog numbers will coordinated through Mr. Justin Ebersole (301-714-2224). Diagnostic archeological remains will be properly conserved and all artifacts placed in archivally stable containers (interlocking seal-and-closure polyethylene bags, and acid-free boxes).

2. All artifacts, and archivally stable **copies** of field notes, data recording forms, maps, drawings, photographs, slides, and any other form of documentation resulting from the archeological investigations done under the terms of this permit are the property of the NPS, National Capital Region (NCR).

3. All archeological work will be coordinated through Dr. Joshua M. Torres, Regional Archeologist, NCR, (202-619-7273), joshua_torres@nps.gov

4. The areas of archeological monitoring and/or units selected for archeological survey/excavation (transects, squares, etc.) will be mapped and redefinable in nature so that subsequent workers can accurately determine the areas that were monitored, surveyed, and/or excavated.

5. At least 3 business days prior to beginning and ending the fieldwork, please notify Mr. Justin Ebersole, Archeological Technician, at (301-714-2224), Justin_ebersole@nps.gov. Mr. Leigh Zahm, Law Enforcement/Special Use Permit Coordinator, will act as an alternate point of contact: leigh_zahm@nps.gov or (301) 745-5815. At that time, the permittee will also need to communicate the expected duration of the investigations to the park staff as well as if, or when, they will need vehicular access to the towpath. At any point during the course of the fieldwork, NPS personnel may monitor activities to ensure compliance with the permit conditions and protect NPS archeological, paleontological, natural or cultural resources.

6. Should any human remains be encountered, excavations will stop and both the Park Superintendent, Kevin Brandt (301-714-2201), the Regional Archeologist, Dr. Joshua Torres (202-619-7273), the C&O Canal NHP Cultural Resources Manager, Sophia Kelly (301-714-2236), the C&O Canal NHP Archeologist, Justin Ebersole (301-714-2224), and the National Capital Regions Communications Center Law Enforcement Dispatch (866-677-6677) will be notified immediately. The park superintendent, in consultation with the Cultural Resources Program manager, and the Acting Regional Archeologist, NCR, shall determine the appropriate course of action, following the Department of the Interior's guidelines on human remains or the Native American Graves Protection and Repatriation Act (NAGPRA), whichever applicable. Should the situation invoke NAGPRA, NPS National Capital region NAGPRA coordinator, Eola Dance (202-619-7205) will be contacted

immediately.

7. Prior to submitting any site forms to the SHPO, draft copies of the completed Archeological Sites Management Information System (ASMIS) forms (obtain from NPS Archeologist Ms. Karen Orrence at karen_orrence@nps.gov or 301-832-3969) and Maryland State archeological site survey forms for all sites located on NPS lands shall be sent to Ms. Orrence for review and approval. Only after she has reviewed and approved the forms, will copies of the MD site forms be sent to the SHPO for site numbers. One set of final ASMIS and MD site forms (electronic and hardcopy) will be sent to Ms. Orrence with the transmittal of copies of the approved, final report. The reporting of archeological sites will be coordinated with Ms. Orrence prior to contacting the SHPO.

8. All work will occur between 7:00 a.m. through 5:30 p.m., Monday through Friday, excluding Federal holidays. All work will be limited to the areas specified in the ARPA permit application.

9. All excavations will be open for only the minimum required time. Thereafter, as soon as possible, they will be backfilled, compacted, and stabilized to prevent erosion.

10. Care will be taken to avoid unnecessary damages to vegetation including relocating shovel test pits where trees and saplings will be affected. Collecting or removal of all other resources including vegetation, wildlife, and water is not authorized. Soil samples can be collected from excavation profiles if they are needed for analysis.

11. All waste, litter, and debris will be removed from the worksite daily so that the park and work area are maintained in a clean and presentable condition at all times.

12. All work will be performed in a safe and responsible manner to avoid hazards, accidents, and deaths to workers, government employees, and park visitors. Reasonable safety measures will be taken where risks or potential hazards are evident.

13. The permittee will be responsible for locating all utility lines in advance of work and to insure that no damage occurs to them.

14. If unsafe conditions or unexpected damages to park resources are evident, the NPS reserves the right to halt all project work until appropriate corrective measures can be taken.

15. Upon completion of the project, all work areas will be restored to original conditions as nearly as possible. Restoration may include pruning, repairing, or replacing damaged vegetation or turf, grading, seeding, and mulching soils.

16. The National Park Service is neither responsible nor liable for the security to equipment owned and operated by TRC Environmental Corporation. Any incident involving theft or damage to property owned and/or operated by RK&K or Applied Archeology and History Inc. should be reported immediately to the United States Park Police at (202-416-7716) or the C & O Canal; NHP's emergency hotline (866-677-6677).

17. A copy of this permit will be available on-site when the work is being performed. The work

leader will carry a copy of the permit and personal identification at all times during field activities. These items will be shown to U.S. Park Police and other NPS officials upon request. All instructions of the U.S. Park Police and other NPS officials representing the Park Superintendent will be obeyed.

Additional Park-Specific Specifications:

- All archeological methods and documentation will follow the Secretary of the Interior's Standards for Archeological Documentation and the Standards and Guidelines for Archeological Investigations in Maryland.
- Reports will be drafted to comply with the Secretary of Interior's Standards for Archeological Documentation.
- The permittee shall notify the park three (3) business days prior to the work completion.

Millis, Heather

From: Torres, Joshua <joshua_torres@nps.gov>
Sent: Friday, March 1, 2019 11:11 AM
To: Millis, Heather
Cc: Richard Ervin; Justin Ebersole; Jeri DeYoung
Subject: Re: [EXTERNAL] RE: ARPA Permit 19-CHOH-02 TRC Phase II

Heather,

Thank you for providing this information. I approve of the addition of Mr. Warrenfeltz to the permit.

Please print this email and keep it with the permit as formal documentation that he is allowed to conduct work on the property. If there are any issues, please contact me.

Josh Torres

Joshua M. Torres, Ph.D.
Supervisor of History and Culture Programs
Regional Archeologist

National Park Service
National Capital Region
1100 Ohio Drive, SW
Washington DC 20242

Office: 202-619-7273
Cell: 202-713-7091

On Fri, Mar 1, 2019 at 10:55 AM Millis, Heather <HMillis@trcsolutions.com> wrote:

> Thanks Josh, Justin's resume is attached.
>
> **From:** Torres, Joshua [mailto:joshua_torres@nps.gov]
> **Sent:** Friday, March 1, 2019 9:33 AM
> **To:** Millis, Heather <HMillis@trcsolutions.com>
> **Cc:** Richard Ervin <RErvin@sha.state.md.us>; Justin Ebersole <justin_ebersole@nps.gov>; Jeri DeYoung <jeri_deyoung@nps.gov>
> **Subject:** Re: [EXTERNAL] RE: ARPA Permit 19-CHOH-02 TRC Phase II

Hi Heather,

Prior to approving any changes to filed personnel indicated on the permit, please send me their CV for review. I will take your email as a formal request for that change.

Thank you--Josh

Joshua M. Torres, Ph.D.

Supervisor of History and Culture Programs

Regional Archeologist

National Park Service

National Capital Region

1100 Ohio Drive, SW

Washington DC 20242

Office: 202-619-7273

Cell: 202-713-7091

On Thu, Feb 28, 2019 at 11:23 AM Millis, Heather <HMillis@trcsolutions.com> wrote:

Hello Josh,

Attached is a signed copy of page 6. I wanted to make one correction—Bruce Idol is not available for this project so Justin Warrenfeltz will be substituting as Field Director on site 18MO751. Jason Blood will direct work at 18MO749. Their contact info is below. We have submitted a ticket for both sites with Missutility. The crew plans to head up there the morning of Monday the 4th and be on site after lunch to get started on work. We will plan to work from the 4th through the 8th and again from the 11th through the 15th. We will have a crew of 14 in four large SUVs that we'd like to get as close to the work areas as possible. If Ms. DeYoung and Mr. Ebersole could let me know our best access and parking locations and the contact procedures we should follow I would appreciate it. Please let me know if you have any questions or would like any additional details.

Justin Warrenfeltz—cell 301-693-4961; email jwarrenfeltz@trcsolutions.com

Jason Blood—cell 919-219-6293; email jblood@trcsolutions.com

Thanks,

Heather Millis
Office Practice Leader

Cultural Resources

50101 Governors Drive, Suite 250, Chapel Hill, NC 27517

T: 919.530.8446, x 223 | F: 919.530.8525 | C: 919.475.5507

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www.trcsolutions.com

From: Torres, Joshua [mailto:joshua_torres@nps.gov]
Sent: Wednesday, February 27, 2019 9:33 PM
To: Millis, Heather <HMillis@trcsolutions.com>
Cc: Richard Ervin <RErvin@sha.state.md.us>; Justin Ebersole <justin_ebersole@nps.gov>; Jeri DeYoung <jeri_deyoung@nps.gov>
Subject: Re: [EXTERNAL] RE: ARPA Permit 19-CHOH-02 TRC Phase II

Hi Heather,

Please use a wet signature. Thanks--Josh

Joshua M. Torres, Ph.D.

Supervisor of History and Culture Programs

Regional Archeologist

National Park Service

National Capital Region

1100 Ohio Drive, SW

Washington DC 20242

Office: 202-619-7273

Cell: 202-713-7091

On Wed, Feb 27, 2019 at 9:09 PM Millis, Heather <HMillis@trcsolutions.com> wrote:

> Thanks Josh! Would a digital signature be acceptable, or do I need to print and hand sign?
>
> **From:** Torres, Joshua [mailto:joshua_torres@nps.gov]
> **Sent:** Wednesday, February 27, 2019 9:06 PM
> **To:** Millis, Heather <HMillis@trcsolutions.com>

Cc: Richard Ervin <RErvin@sha.state.md.us>; Justin Ebersole <justin_ebersole@nps.gov>; Jeri DeYoung <jeri_deyoung@nps.gov>
Subject: ARPA Permit 19-CHOH-02 TRC Phase II

Ms. Millis,

Good afternoon. Please find attached the ARPA permit for Phase II archeological work related to the MDOT Managed Lane Study. Your reference number is 19-CHOH-02. Please sign page 6 of the permit, indicating you understand and agree to follow the park stipulations of the permit. Once signed, please scan and send me that page. I will follow up by sending you a hard copy of the executed permit. Once the permit is signed by the permittee, you may begin fieldwork.

Please coordinate your actions associated with this permit with Ms. Jeri DeYoung and Mr. Justin Ebersole at Chesapeake & Ohio Canal National Historical Park. Let me know if I can be of further assistance. Thanks for your patience.

Sincerely,

Josh Torres

Joshua M. Torres, Ph.D.

Supervisor of History and Culture Programs

Regional Archeologist

National Park Service

National Capital Region

1100 Ohio Drive, SW

Washington DC 20242

Office: 202-619-7273

Cell: 202-713-7091