

2020 Investigations to Locate Camp Security,
a Revolutionary War Prison Camp
in Springettsbury Township, York
County, Pennsylvania



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March 2021

36Yo46
36Yo415

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Finally, we thank Springettsbury Township for permitting this research to be conducted in the Camp Security Preservation Area and backfilling excavated trenches at the close of the project. We also acknowledge Township Supervisors for agreeing to submit the present artifact collection and associated field records to The State Museum of Pennsylvania for long-term curation. All collections from previous investigations in the Preservation Area are housed at the museum, where they are available to qualified researchers upon approved written request.

Though many have contributed to the project's success, we assume full responsibility for any errors which may appear in graphics, text, or interpretations offered herein.

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Table of Contents

Acknowledgements	i
Introduction	1
Background	2
Environmental Context	2
Pre-contact Context.....	3
Historic Context	4
Previous Excavations.....	6
Research and Field Methodology	8
Excavation Results	13
Photogrammetry	14
Surface Collection and Metal Detecting	15
Shovel Test Pit Survey.....	17
Excavation.....	18
Material Culture	22
Pre-contact Material.....	22
Historic Material	25
Statistics and Probability Assessment.....	28
Spatial Analysis	28
Probability Areas.....	32
Discussion	34
Addressing Project Research Questions	34
National Register Considerations.....	35
Conclusion and Recommendations.....	35
Bibliography	37
Appendix 1: GPS Coordinates of STPs, Test Units, and Excavation Trenches	40
Wiest Lower Field (36Yo46).....	40
Rowe Lower Field (36Yo415).....	42
Appendix 2: Inventory of Artifacts Submitted for Curation	43
Wiest Lower Field (36Yo46).....	43
Rowe Lower Field (36Yo415).....	63

List of Figures

Figure 1: USGS map showing the location of project area.....	1
Figure 2: Map of Camp Security Preservation Area	2
Figure 3: Locations of previous excavation areas.....	7
Figure 4: Map of investigation area.....	9
Figure 5: Volunteers surface collecting in the Rowe lower field.....	10
Figure 7: Volunteers excavating TU 12 in the Rowe lower field.....	10
Figure 6: Locations of trenches and test units in the Wiest and Rowe lower fields.....	11
Figure 8: Historic aerials	12
Figure 9: Location of shovel test pits.....	13
Figure 10: Orthophotos produced from photogrammetry surveys.....	15
Figure 11: Rowe lower field surface collection and metal detection points	16
Figure 12: Wiest lower field surface collection and metal detection points	17
Figure 13: Distribution of artifacts recovered in STP survey.....	18

Figure 14: Opening photo of Feature 45	19
Figure 15: Bisection of Feature 45	19
Figure 16: Opening photo of Feature 35	21
Figure 17: Closing photo of Feature 35	21
Figure 18: Open photo of Feature 33	21
Figure 19: Bisection of Feature 33	22
Figure 20: Quartz points recovered from the Wiest lower field.....	23
Figure 21: Stone points recovered from the Rowe lower field	24
Figure 22: Ground stone artifacts	25
Figure 23: Brass rumbler bell.....	25
Figure 24: Musket balls	26
Figure 25: King George I and King George II coins	26
Figure 26: 18th century buckles	27
Figure 27: 18th century buttons	27
Figure 28: Button foil stamped with “33”	28
Figure 29: Distribution of 18th century artifacts.....	29
Figure 30: Getis Ord Hotspot analysis of 18th century artifacts	30
Figure 31: Getis Ord Hotspot analysis of OLS residuals.....	31
Figure 32: Map of probability areas.....	33

List of Tables

Table 1: Summary of pre-contact sites within 1 mi. radius of the Preservation Area.....	3
Table 2: Results of Global Moran’s I tests.....	30
Table 3: OLS results of functional groups	32

Introduction

The 2020 investigation marked the fifth effort to uncover the site of Camp Security, a Revolutionary War era prison camp in Springettsbury Township, York County, Pennsylvania. The Camp Security Preservation Area (530 Locust Grove Rd.) is located at the southwest corner of Camp Security Park and Locust Grove (Figure 1). The area is owned by Springettsbury Township and maintained by a tenant farmer. It consists of 160-acres of farmland divided into four fields. The Shultz House, constructed between 1752–1754 (York History Center 2010), is the only structure on the landscape and is privately owned.

Archaeological excavations were undertaken by John T. Crawmer in partnership with the Friends of Camp Security from September 10th through October 7th, 2020. The project was prompted by Springettsbury Township's desire to define the boundaries of cultural resources and better

facilitate public use of the property. Volunteers labored in a 27.4-acre area across the Wiest (36Yo46) and Rowe (36Yo415) lower fields to gather artifact spatial data and test promising locations.

The purpose of this report is to review site history and previous archaeological research; define research questions; examine the rationale for project area selection; discuss investigation strategies, methods, and findings; and provide interpretations and recommendations based on collected information. With only minor changes, the review of site history is adapted from the 2016 project report (Warfel 2016). This information is included in every report so each can be read and appreciated independently. An inventory of artifacts recovered from the 2020 excavation site (36Yo46 and 36Yo415) and submitted to The State Museum of Pennsylvania for curation is provided in Appendix 2.

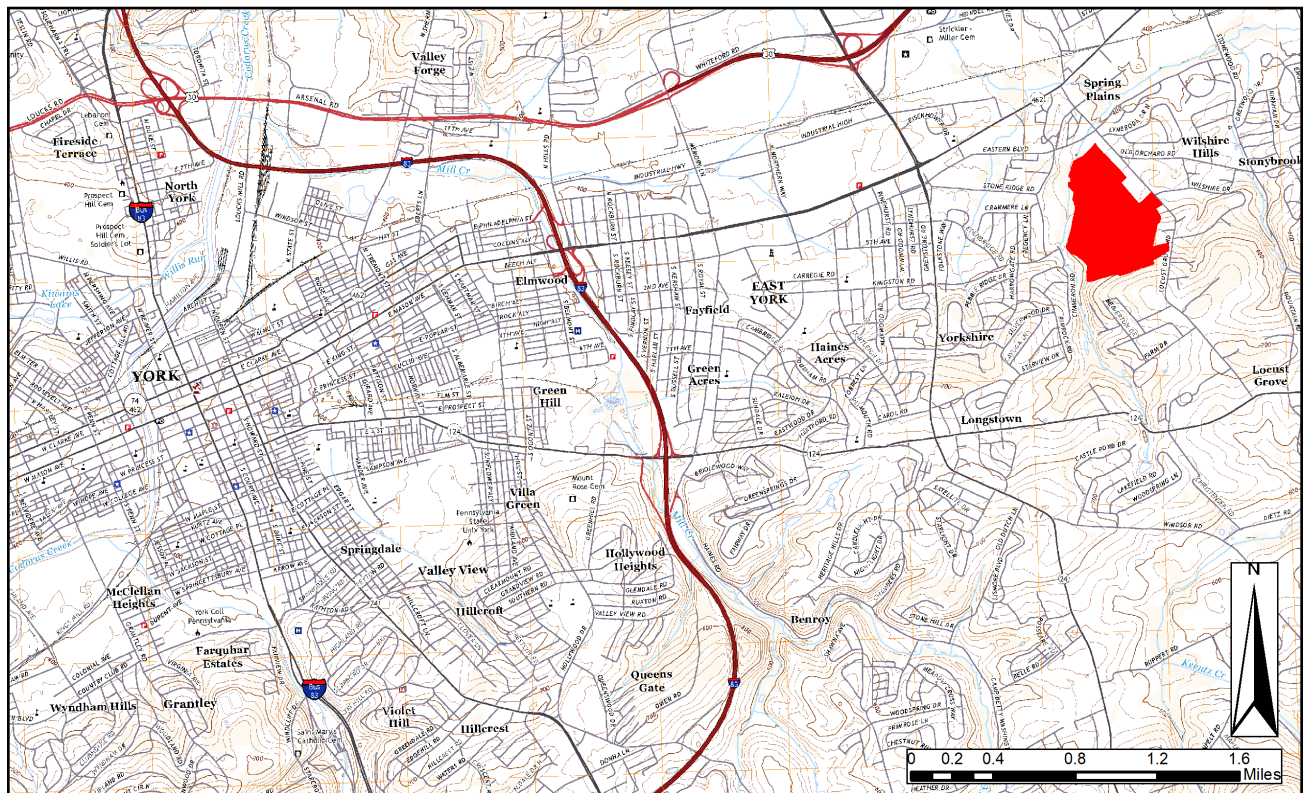


Figure 1: USGS map showing the location of project area (marked in red)

Background

Environmental Context

The Camp Security Preservation Area consists of 160-acres of farmland on a sloping plain from Camp Security Park in the north to a small forest of oak and pine trees in the south. Stony Brook, a small stream running south to north, bounds the western edge of the parcel with Locust Grove Road bounding its eastern limits. A dense tree line of oak, walnut, and pine trees segment the property into four fields. These are the Rowe lower field in the northeast, the Rowe upper field in the southeast, the Wiest lower field in the northwest, and Wiest upper field in the southwest. A large spring is situated at the intersection of these fields with spring run-off flowing north along the boundary between the Wiest and Rowe

lower fields. This run-off flows into 2-acres of wetland situated in the northwest of the property, immediately north of the Wiest lower field (Figure 2).

The region is characterized by a mosaic of rolling hills and valleys that are bisected to the east by the Susquehanna River. Hills between 500 ft. and 800 ft. in elevation are the primary landform to the south and Mount Zion, with an elevation of 800 ft., is located to the north. York City is tucked in the valley between these two features. The vegetation in the valley is dominated by temperate oak and pine forest.

The Preservation Area sits within the Conestoga Geologic Formation. This is divided into an upper and lower limestone member. The upper member consists of medium bluish gray, fine to coarse-grained,

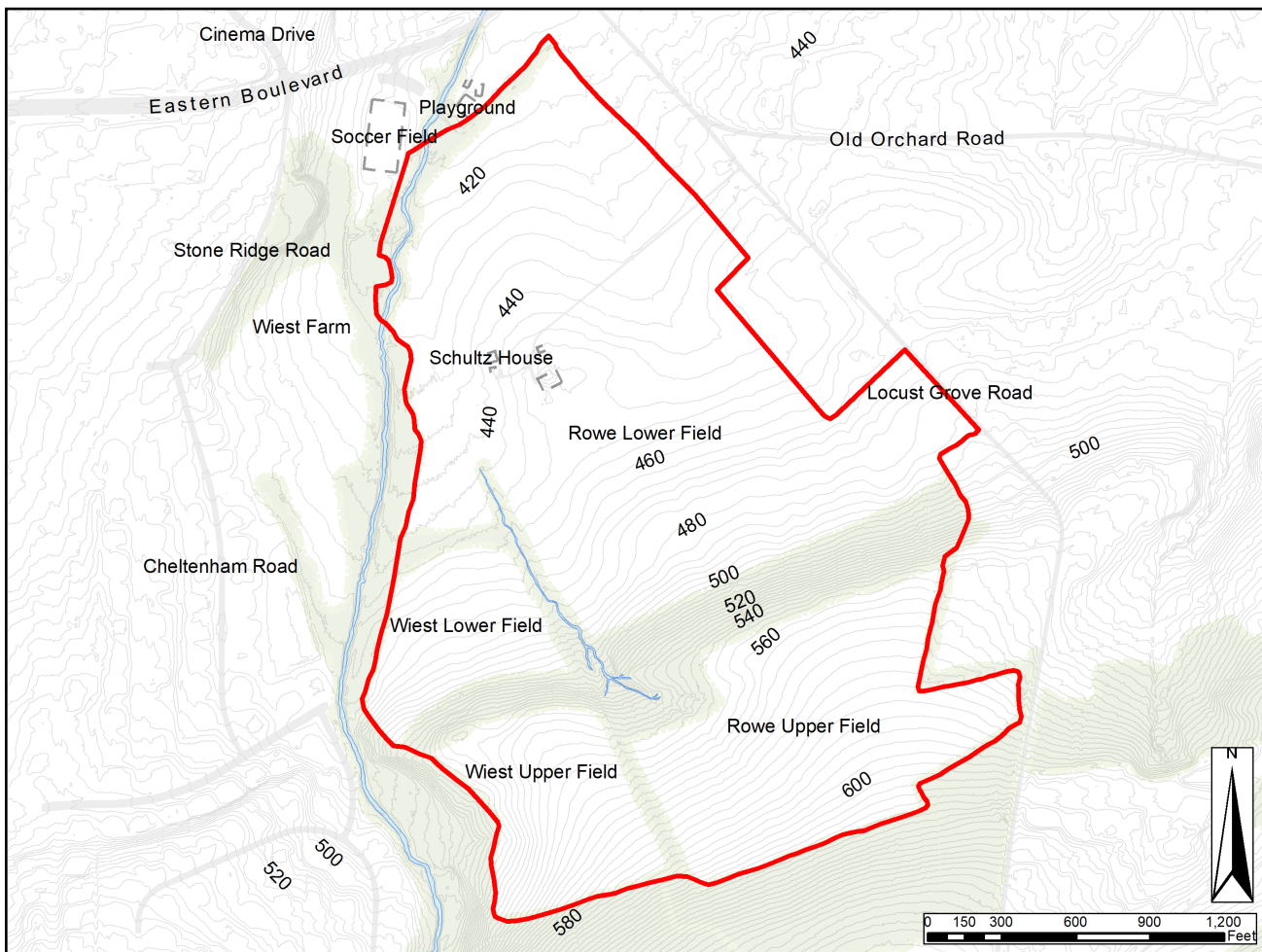


Figure 2: Map of Camp Security Preservation Area (site boundaries marked in red)

graphitic, or micaceous limestone with argillaceous, shaley partings. The lower member consists of gray to blue, coarse-grained, thin to thick-bedded limestone, argillaceous limestone, and dolomite. The bottom of the Conestoga Formation is identifiable from limestone conglomerate beds, which have clasts ranging in size from pebbles to boulders 30 ft. across (Cornell et al. 2018: 8). In some places, coarsely crystalline, silty, and sandy limestones are interbedded with conglomerates. In general, the Conestoga Formation is moderately resistant to weathering and forms rolling hills and valleys. Lithologies of the bedrock and their representative weathering profile, porosity, permeability, and fracture/joint patterns ultimately influence the flow of surface and subsurface water (Cornell et al. 2018: 9).

Soils along Stony Brook consist of Lindside silt loam (0% to 3% slopes). The Lindside series is characterized by silt loam (0 to 10 in.) over silty clay loam (10 to 50 in.) over a stratified gravelly sandy loam to silt clay loam (50 to 60 in.). This occurs along footslope and toeslope terrain. Such soils are over 6 ft. deep and are moderately well drained, occurring on flood plains, valleys, and drainageways (NRCS 2021). The northern half of the Preservation Area (Wiest and Rowe lower fields) consists of Conestoga silt loam with 3% to 8% slopes. This soil is characterized as silt loam (0 to 10 in.) over silty clay loam (10 to 38 in.) over channery loam (38 to 75 in.). The Conestoga

series occurs along the shoulder of hillsides, are over 6 ft. in depth, and are well drained (NRCS 2021). The southern half of the Preservation Area (Wiest and Rowe upper fields) consist of Mt. Airy and Manor silt loam with 8% to 15% slopes. This soil is characterized as channery silt loam (0 to 8 in.) over very channery silt loam (8 to 32 in.). The Mt. Airy and Manor series occurs along the shoulder of hillslopes, are over 3 ft. in depth, and are somewhat excessively drained (NRCS 2021).

Pre-contact Context

Numerous finds of pre-contact cultural materials have been made by local collectors and archaeological investigations throughout York County. Three pre-contact archaeological sites are within a 1 mi. radius of the Preservation Area (Table 1). These sites are north of the Preservation Area, along the tributaries of Kreutz Creek. Most lithic materials are quartz with some chert flakes identified at 36Yo355. The only diagnostic pre-contact artifact is a Koens Crispin/Savannah River quartz point from 36Yo375 dating to the Late Archaic Period (ca. 4,300 to 6,000 years ago). Previous investigations in the Camp Security Preservation Area (36Yo46 and 36Yo415) identified Native American occupation as early as the Late Archaic Period (ca. 4,300 to 6,000 years ago) continuing into the Woodland Period (ca. 1,000 to 2,000 years ago) (Warfel 2015: 23–27). Artifact types include points, scrapers, hammerstones, drills, celts, net

Site Number	Site Type	Description	NRHP Status
36Yo286	Open Pre-Contact Site, Unknown Function	Lithic scatter	N/A
36Yo335	Historic and Pre-Contact	Lithic scatter and historic foundation	Listed
36Yo375	Open Pre-Contact Site, Unknown Function	Lithic scatter	Not Eligible

Table 1: Summary of pre-contact sites within 1 mi. radius of the Preservation Area

weights, and chipping debris.

Spear points dating to the Late Archaic Period are more numerous than other types, therefore it is believed the area was used intensively during that time. Local quartz was favored for the manufacture of stone tools. This is consistent with other Late Archaic Period sites in the Lower Susquehanna Valley where local mineral sources were commonly used for knapping (Carr and Moeller 2015: 73). During this period, Native peoples lived in small groups of 15 to 20 individuals (Carr and Moeller 2015: 87). These groups moved seasonally to take advantage of food resources. They were nomadic and well-adapted to a wooded environment. The types of artifacts found in the region suggest they produced and sharpened tools, hunted, processed hides, crafted wood, and fished in the area. Artifacts are localized to the Wiest lower field (36Yo46) with some additional scatter in the Rowe lower field (36Yo415) near a spring (Crawmer 2019:35). Such natural water sources were attractive to the wild game that Native American hunters followed.

Historic Context

“Camp Security” refers to a complex of two revolutionary war prison camps, known to those who were incarcerated there as Camps Security and Indulgence (Houlding and Yates 1990: 34–35). The camps were built approximately 4.5 mi. east of York on land owned by Lancaster County resident David Brubaker. A portion of Brubaker’s 280-acre tract was farmed by a tenant and included 100-acres of cleared land and structures. Significant acreage was in woodlot. Brubaker made claims for the losses he incurred due to the camp’s construction. The claims demonstrate that the camps were located on the Brubaker tract and provide some clues as to initial camp structure. In his 1781 claim he states:

“That above 100 Acres thereof being already cleared, the persons employed constructing the Stockade & Huts for the Prisoners & Guards have made use of large quantities of wood growing on the said Plantation, & have already cleared 30 Acres of wood land thereon, so that the Plantation aforesaid is considerably impaired in value. That the Guards have used & destroyed almost all the Rails on the Plantation, utterly depriving the Tenant of the Indian Corn thereon, & the benefit of the Pasturage of his Meadow” (Brubaker 1896; emphasis added).

The initial camp, built and opened in July 1781, housed a portion of the nearly 5,000 British and German troops captured at the Battle of Saratoga in 1777. This Convention Army, so-named for the surrender agreement called the Convention of Saratoga, was previously interned in Cambridge (MA), Rutland (MA), and Charlottesville (VA) (Hagist 2004: vii–ix, 55–57; Miller 2014: 156–158). When the British Army made significant advances in Virginia in 1781, detainees were moved north to Winchester (VA), Frederick (MD), and eventually Lancaster (PA) to prevent their release and reintegration into the main army. Upon arrival in Pennsylvania, the Convention Army was divided. British commissioned officers were incarcerated in Lancaster, regular soldiers and noncommissioned officers were sent to York, and German soldiers were sent to Reading. Historian Jonathan Stayer estimates that the York contingent numbered approximately 800 to 1,000 men, women, and children (Jonathan Stayer, personal communication 2014).

Pension records of the York County militia who guarded prisoners at Camp Security indicate that not all Convention Army prisoners lived inside the stockade.

John Stewart, a guard in 1781, notes:

“They kept the single men in a stockade under guard and the married men, after they had been there awhile, were permitted to remain outside the stockade. A great sickness set among the prisoners and the married were then permitted to build huts on the hill outside of the stockade...” (Lloyd 2014).

More than 6,000 British and German troops were captured following the Battle of Yorktown in October 1781. The new prisoners were placed in established detention camps in Virginia and Maryland (Miller 2014: 158), but were eventually moved to York and Lancaster, Pennsylvania (Miller 2014: 159). Approximately 800 British soldiers, women, and children swelled the population of the York camp in January 1782 (Jonathan Stayer, personal communication 2014).

More hostile and a greater escape risk, these Yorktown troops were placed in the stockaded compound originally constructed for Convention Army prisoners. Captain Samuel Graham, a member of the Yorktown army, noted that they were kept in huts “newly constructed... surrounded by a high stockade and ... strictly guarded” (Graham 1862: 73). Presumably, the Convention Army detainees were moved out of the stockade. Sergeant Roger Lamb, who was originally captured at the Battle of Saratoga, escaped on his way to Charlottesville, and returned to British military service only to be recaptured at the Battle of Yorktown, entered the York camp in January 1782 (Hagist 2004: 100). He was permitted to stay with his former comrades and clearly notes the primary difference characterizing the two camps when he writes: “... a small village had been built by the remains of general Burgoyne’s army, who were allowed very great privileges with respect to their liberty in the country

... while the soldiers of Lord Cornwallis’s army were closely confined in their pen” (Hagist 2004: 100).

According to Lamb, the space enclosed by the stockade was, “a little more limited” than the two to three-acre enclosure in which he and Convention Army prisoners were confined during their stay in Rutland, Massachusetts (Hagist 2004: 57, 100). “About two hundred yards” separated Camps Security and Indulgence (Hagist 2004: 100). Graham further notes that Camp Indulgence was located “upon a rising ground” (Graham 1862:73).

It is likely that defined areas near one or both camps were set aside for kitchens and latrines. The nature of camp industry was described by Lamb, “Men, women, and even the children were employed making lace, buckles, spoons and exercising other mechanical trades which they had learned during their captivity” (Hagist 2004: 100).

The detention complex was composed of more than just Camps Security and Indulgence. In 1781 construction of a hospital began. However, Benjamin Shield, a Surgeon’s Mate in Burgoyne’s Canada Army, reported it was not completed due to an outbreak of disease and death that affected camp inhabitants.

“...they having in about five weeks Buried upwards of forty Men, women, and children ... having no hospital ... is an unusual trouble ... the Men had laid the foundation for an Hospital but falling Sick so fast there was not Men enough to attend the Sick ...” (Sellers 1895; emphasis added).

A cemetery was required for burial of the dead. In 1781 Corporal James Fox, a Convention Army prisoner, noted that “after the huts were builded we sunk wells and made a graveyard [a quarter-mile] from the camp...” (Houlding and Yates 1990:34-35). Anecdotal evidence places the

camp cemetery in a residential neighborhood outside of the Camp Security Preservation Area (160-acres of the Brubaker tract preserved and administered by Springettsbury Township). It is uncertain if this unmarked hallowed ground survived land modification associated with subdivision development.

Although the Treaty of Paris, the agreement ending the Revolutionary War, was not signed until September 1783, the Continental Congress declared a formal cessation of hostilities on April 11th, 1783 (Miller 2014:181). Historian Ken Miller notes that General George Washington, Commander of the Continental Army, instructed prisoners of war to be “conducted from their places of detention ... in incremental detachments of five hundred” (Miller 2014:181). Camps Security and Indulgence were vacated by early May 1783 (Jonathan Stayer, personal communication 2014).

In summary, the Camp Security complex consisted of two residential camps, huts for guards, activity areas, a cemetery located about one-quarter mile from the camps, and possibly a hospital. Camp Security was enclosed by a closely guarded stockade; whereas Camp Indulgence was a village of huts located on “rising ground” about two hundred yards from the stockade. It was neither guarded nor enclosed by a stockade. Built in July 1781, the detention facility was only inhabited for twenty-two months. Prisoners were released and returned to England in May 1783. No contemporary documents have been found which pinpoint camp locations on the Brubaker tract.

Previous Excavations

Limited archaeological excavations were conducted at the Wiest upper field (36Yo46) in 1979 by the Pennsylvania Historical and Museum Commission (PHMC) in partnership with Springettsbury Township

and Historic York, Inc. (Figure 3). The project uncovered several refuse-filled pits dating to the camp period (Hunter 1979). Although investigators interpreted the area to be the site of Camp Security, re-examination of collected artifacts and the lack of below-ground structural evidence suggest the site is likely affiliated with Camp Indulgence. The large quantity of brass straight pins and bone button blanks found during the excavation suggest the location was a work area affiliated with the residential compound (Baumgardt [2000]:6-7).

In May 2000, an archaeological survey was conducted in the Wiest upper and lower fields (36Yo46) to evaluate the impacts of a proposed housing subdivision on cultural resources associated with Camp Security (Catts and Roberts 2000). Surface collection and shovel test pits recovered additional camp period artifacts and identified features possibly associated with camp activities. Approximate boundaries of Camps Security and Indulgence were postulated based on evidence collected during the 1979 and 2000 studies. Although not explicitly stated, Catts and Roberts (2000:14-15) suggest Camp Indulgence lies in the Wiest upper field, while Camp Security is located immediately to the north.

Historic York, Inc. sponsored archaeological investigations around the Schultz House (36Yo415) from August to September 2009 (Warfel 2010). The mid-18th century structure was the principal house on the David Brubaker tract when the camps were built. Oral tradition and local histories have long held that the building was used as a headquarters for camp guards (Stayer 1981:22), despite Brubaker’s 1781 claim indicating huts were built for guards near the camp. The excavation of seventy-nine close-interval shovel test pits discovered only a handful of 18th century artifacts, none of which are directly associated with military activity. Hence, investigations were

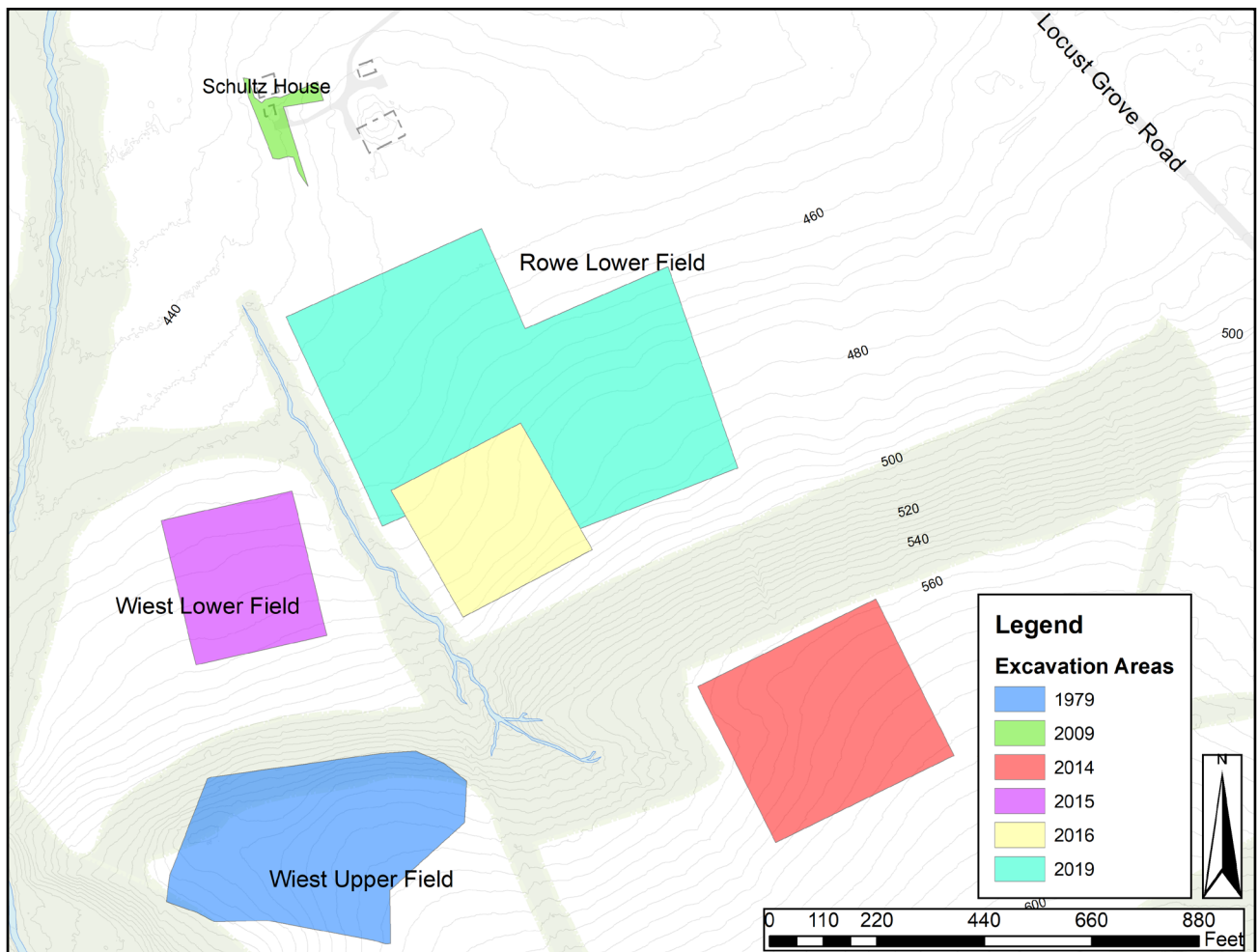


Figure 3: Locations of previous excavation areas

unable to verify that the house was used by camp guards.

The Friends of Camp Security (FOCS) sponsored an investigation in the Rowe upper field (36Yo415) from August to October 2014. Excavation was informed by a gradiometer survey which indicated promising anomalies in the area (Quick 2013). One hundred and sixty-six circular test pits were excavated, but the only find was an erosion gully in-filled with alcohol and medicine bottles dating to the 1930s (Warfel 2014b).

A large, buried pipeline was installed along the northern edge of the Rowe lower field in 2015. The pipeline disturbance is approximately 4,550 linear ft. and 30 ft. wide. It extends from the northeastern corner of Camp Security Park, runs south-southwest

along the northern edge of the Rowe lower field, and follows Stony Brook south to the Beaverson pumping station. An archaeological survey was conducted in the pipeline’s area of disturbance from September to October 2014. A total of 133 shovel test pits were excavated recovering one redware sherd, four whiteware sherds, and two brick fragments. All artifacts were recovered from plowzone contexts and date from the late 19th to early 20th centuries. No pre-contact artifacts were identified by the 2014 survey (Kodlick 2014).

Between May and July 2015, the FOCS sponsored an investigation with the continued goal of finding the stockaded camp. A 2-acre plot located in the eastern half of the Wiest lower field (36Yo46) was selected, because it satisfied documentary,

geographic, and remote sensing criteria (Warfel 2015). Surface collection, metal detecting, and excavation produced nine camp period objects, but no subsurface features could be assigned to the camp period. The most significant find was a concentration of pre-contact artifacts dating from the Late Archaic Period (ca. 4,300 to 6,000 years ago) to the Woodland Period (ca. 1,000 to 2,000 years ago) (Warfel 2015: 23–27). The FOCS also investigated the southwest corner of the Rowe lower field (36Yo415) from May to June 2016. Surface collection, metal detecting, and excavation produced fifty-eight camp period objects. No camp period features were identified during this season (Warfel 2016).

The FOCS partnered with Shippensburg University to conduct a ground penetrating radar (GPR) survey of the Preservation Area in 2018 (Cornell, Marr, Zume 2018). Investigators noted several unusual soil disturbances with a high potential of being a structural feature, such as a stockade trench. Excavations were subsequently conducted in 2019 to ground truth these results. Surface collection, metal detecting, and excavation produced fifty-three camp period objects, but all GPR anomalies were proven to be geologic (Crawmer 2019).

Previous archaeological investigations discovered camp period artifacts and below-ground features in the Wiest upper field in 1979. Insufficient evidence exists to clearly define camp locations or positively attribute artifacts and features to either camp. Archaeological testing around the Schultz House, the Rowe upper field, and the Wiest and Rowe lower fields found few artifacts and no below-ground soil disturbances that can be directly attributed to camp activities. Pre-contact artifacts primarily reside in the Wiest lower field and date from the Late Archaic Period (ca. 4,300 to 6,000 years ago) through the Woodland Period (ca. 1,000 to 2,000 years ago).

Research and Field Methodology

The investigation sought to answer specific questions about the nature, extent, and significance of potential archaeological deposits in the project area.

Our research questions include:

1. What is the spatial distribution of 18th century artifacts in the Camp Security Preservation Area?
2. Does the distribution of 18th century artifacts relate to subsurface features?
3. Which areas present the highest probability of Camp Security's location?

The scope of the project was designed to locate areas with high archaeological potential, determine the archaeological integrity of features, and assess the time periods and activities represented. All field and laboratory components were conducted by local volunteers in partnership with the Friends of Camp Security (FOCS). Public archaeology has been a feature of FOCS excavations since 2014. York County residents are major stakeholders in the historic site as many are direct descendants of Camp Security guards. This project continued the FOCS tradition of providing individuals an opportunity to connect with their personal histories through direct participation in the archaeological process. All volunteer work was supervised by professional archaeologists to ensure data integrity.

Possible locations of Camp Security are abundant, and despite numerous archaeological surveys, there remains little to no artifact data for most of the site (Crawmer 2019: 39). Eyewitness accounts place Camp Security at a lower elevation than Camp Indulgence, which was described as built “upon a rising ground” and “on the hill outside of the stockade.” In relation to the 1979 excavation site, the southern portions of the Rowe lower field and Wiest lower field meet this criterion. Additionally, both

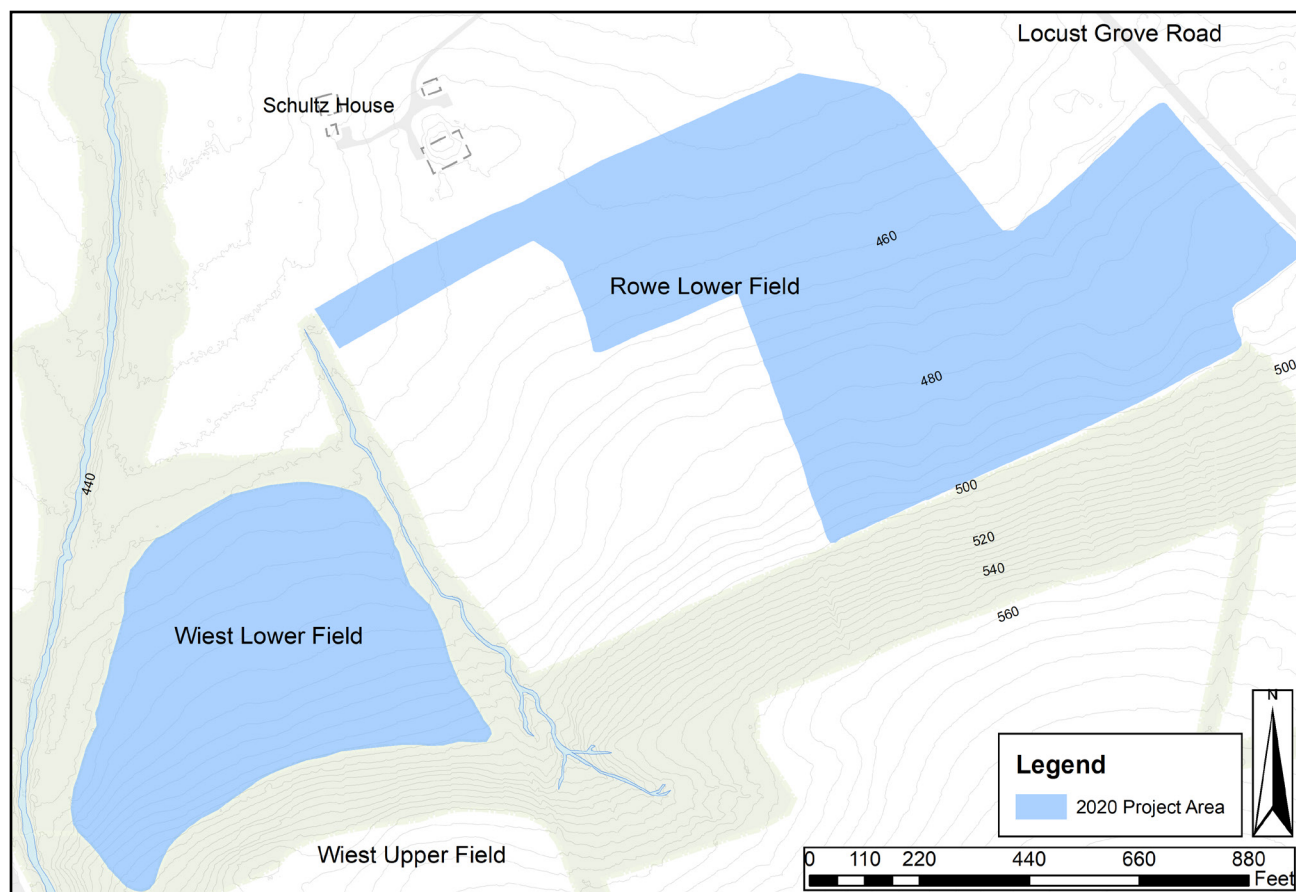


Figure 4: Map of 2020 investigation area

fields are situated near a large spring. Water was one of the most important resources required by prisoners and guards alike. Thus, it is realistic to assume the camp was located within reasonable proximity of a natural water source (Warfel 2016:11). The Wiest lower field (8.8-acres) and 18.5-acres of the Rowe lower field were selected for investigation (Figure 4). The project area was chosen to test spaces that agree with historic accounts, are within an appropriate distance to nearby water sources, and were not captured by previous studies.

Project design included a photogrammetry survey, surface collection, metal detection, shovel test pit survey, and trench excavation. A Leica GS14 GPS was used to achieve spatial control of artifact and test unit locations in lieu of a local grid. This allowed for additional flexibility while mapping across a large project area.

Photogrammetry provided additional spatial control, recording the ground surface to a 2 in. resolution. Measurements below ground surface were taken by hand and noted on field forms.

The ground surface was plowed and disked prior to the study because the area is currently under cultivation. A moldboard plow turned soil from the bottom of the plowzone to the surface. Consequently, artifacts contained within the plowzone were also turned. Plowing permits better visibility of artifact distributions and a more productive surface collection. Moldboard plowing reached a depth of 6 to 8 in. This disturbed the plowzone and clipped the underlying subsoil in some areas but was not deep enough to disturb potential features of interest, such as postholes, trenches, pits, or privies.

Photogrammetry surveys were



Figure 5: Volunteers surface collecting in the Rowe lower field (Photo number 2020_E_005)

conducted before and after plowing of the surface collection area in July and September, respectively. Ground control points, marked with orange mason jar lids in July and orange painted bio-degradable paper plates in September, were placed around the Preservation Area and were recorded with a Licia GS14 GPS within sub-inch. A DJI Mavic 2 Pro drone was used to collect photographs of the Preservation Area. These photographs were synthesized by Agisoft Metashape to produce spatially accurate and photorealistic 3D models from which orthophotos and digital elevation models could be created. These orthophotos are primarily used as basemaps for GIS analysis and mapping.

The project area was subjected to the same sampling methodology as previous seasons to derive comparable data. Volunteer crew members conducted the surface collection spaced arm's length apart and walking on a north-south axis. Sweeps started in the northern limit and continued until the entire project area was covered. Discovered artifacts were marked with orange pin flags and immediately mapped with a GPS to sub-inch accuracy (Figure 5).

The systematic metal detector survey was conducted in a similar manner to the surface survey. Volunteers, using their own equipment, spaced themselves at an



Figure 7: Volunteers excavating TU 12 in the Rowe lower field (Photo number 2020_D_044)

appropriate distance from one another to avoid inaccurate readings. The survey was conducted on an east-west axis, starting at the eastern limit, and continued until the entire project area was surveyed. Target objects were unearthed, pin-flagged, and left in place at their discovery locations. In instances of objects deeper than 1 ft., the location was marked with a pin flag for later excavation by project archaeologists. This was to prevent potential intrusions into underlying features. All identified metal artifacts were immediately recorded with a GPS.

Excavation trenches and test units were placed to investigate notable artifact distributions seen in the surface and metal detecting surveys. These included one trench (Trench 7) and two test units (TU 11 and 12) in the Rowe lower field (36Yo415) and five trenches (Trench 7, 8, 9, 10, and 11) and four test units (TU 5, 6, 7, and 8) in the Wiest lower field (36Yo46) (Figure 6).

In keeping with previous excavations at Camp Security (see Warfel 2015, 2016), each trench was divided into 5 ft. sections. Excavation involved cutting trench edges with sod shovels and removing the plowzone (Figure 7). Excavation was complete when the subsoil surface was scraped clean with sharpened mason's trowels. Some, but not all, of the excavated soil was dry screened

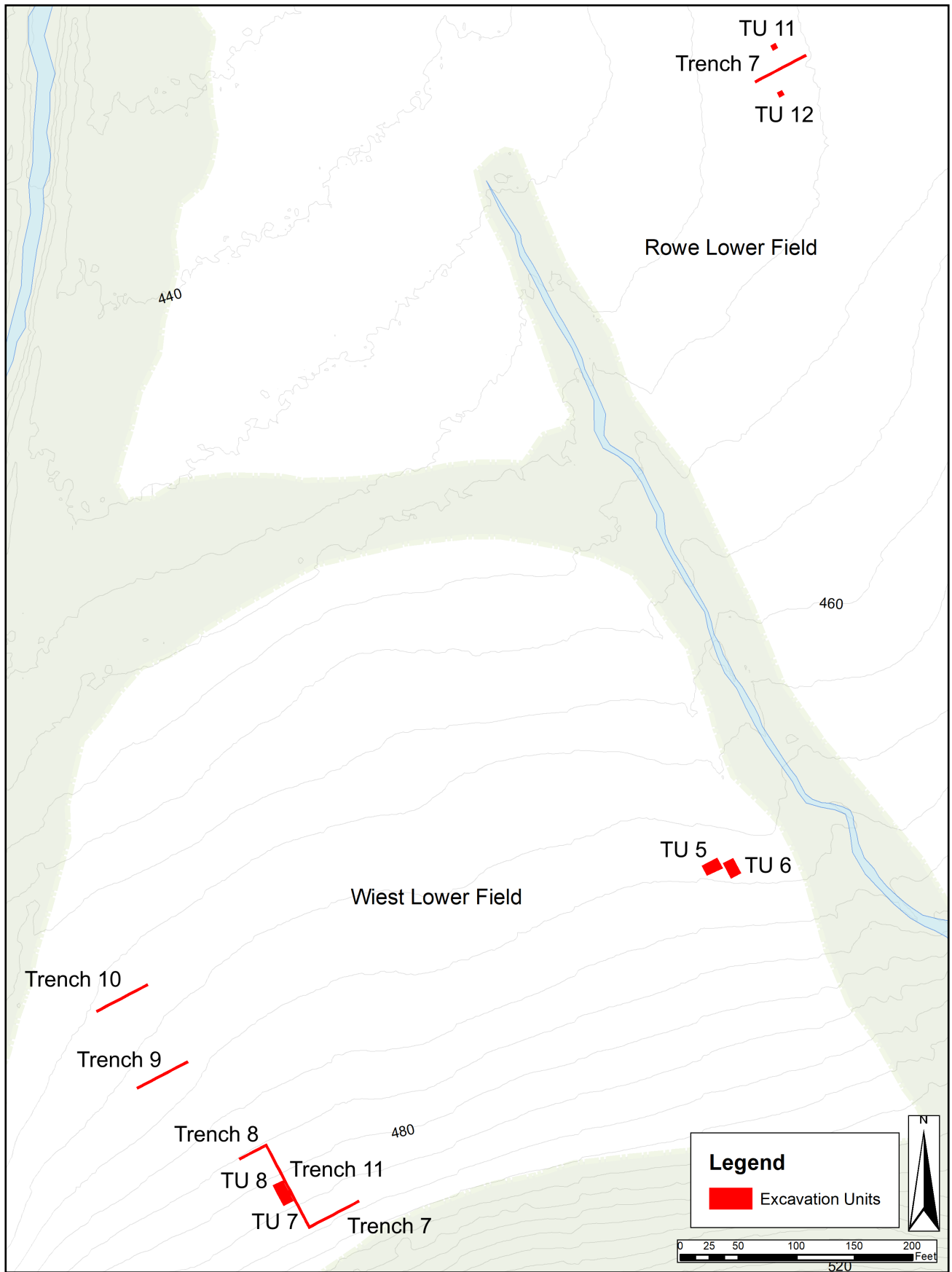


Figure 6: Locations of 2020 trenches and test units in the Wiest and Rowe lower fields

through ¼ in. hardware mesh. In the Rowe lower field (36Yo415), only even-numbered trench sections were sifted. Though odd-numbered section soils were removed without screening, observed artifacts were still collected. This was implemented to quickly expose the subsoil and identify potential features. Test Units 11 and 12 in the Rowe lower field (36Yo415) were fully sifted. In the Wiest lower field (36Yo46), the same 50% sampling strategy applied in the Rowe lower field was used for Trenches 7, 8, 9, and 10. Trench 11 and Test Units 4, 5, 6, 7, and 8 were not sifted. This was due to a lack of artifacts in the surrounding plow-zone and time constraints.

Features, defined by a dark soil stain, were photographed and drawn before and after their excavation. Artifacts were placed in labeled bags bearing the site number, unit number, soil layer, and feature number (if applicable) from which they were recovered. Each trench section and test unit was photographed and had a plan-view drawn. Profile drawings were done for all test units, but due to time constraints, only soil layer elevations were recorded in the excavation trenches. The entire ground surface was recorded by photogrammetry within a 2 in. resolution. This data, paired with the field measurements taken of each section, can be used to reconstruct accurate profiles. Soil coloration of the plowzone (Levels 1A and 1B), subsoil (Level 2), and features were determined by comparison of samples with Munsell Soil Color Charts (2009 revision). Soil texture determinations were made by project archaeologists, relying on prior training and experience. Excavation trenches and test units were backfilled by Springettsbury Township at the conclusion of the fieldwork.

A small shovel test pit survey was conducted in the tree line between the Wiest upper and lower fields. This was done to gather archaeological data between

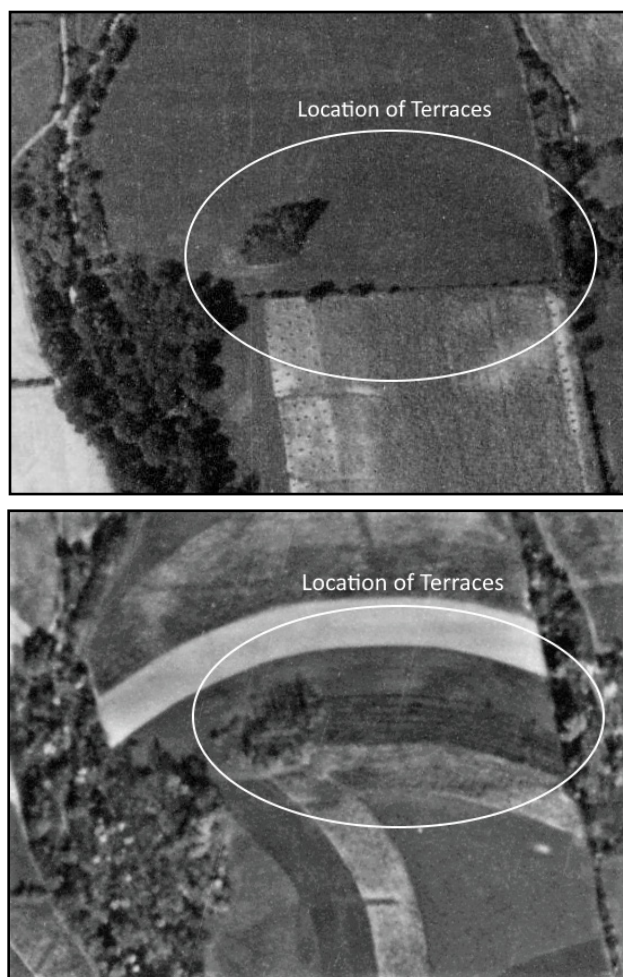


Figure 8: Historic aerials, 1937 photo on top, 1947 photo on bottom

the 1979 excavation site and other areas of interest. Previous investigators noted a series of man-made terraces within the tree line. Catts and Roberts (2000: 10) observed four separate terraces extending 200 to 250 ft. parallel to the face of the slope. Portions of the terraces appear to have been stone-faced or lined. Investigators likened these features to a British military hut camp at the Dyckman Farm in Manhattan, NY (Catts and Roberts 2000: 10). Terracing is clearly visible in a 1947 aerial photograph of the preservation area; however, this is not observed in a similar 1937 photograph (Figure 8).

It is unclear if terraces were the direct product of farming activity between 1937 and 1947, or if these features were simply

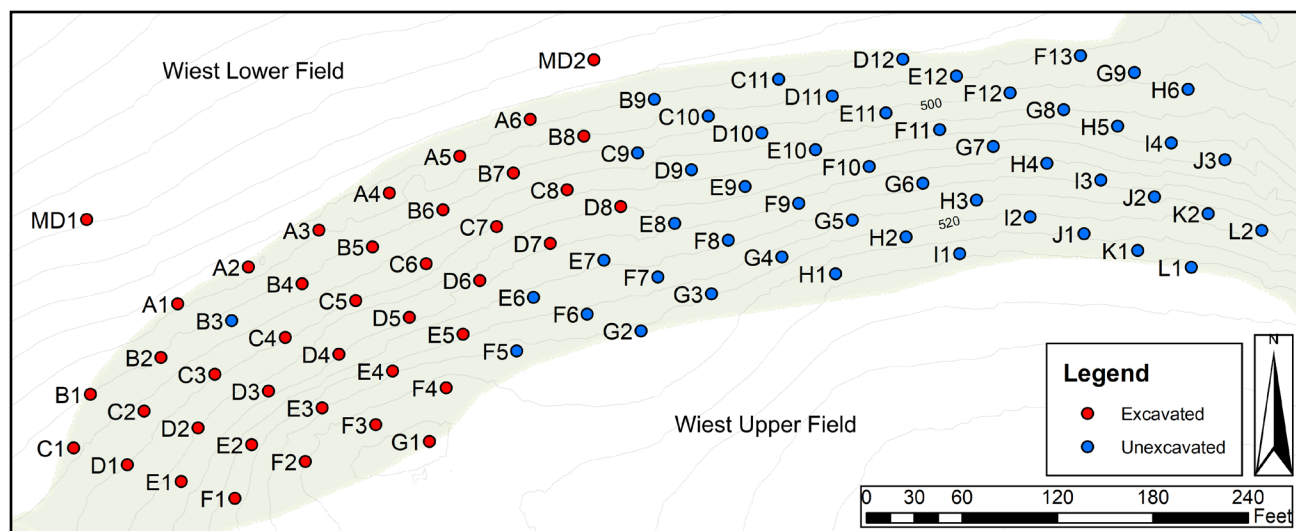


Figure 9: Location of 2020 shovel test pits

uncovered by that same activity. Hence, additional archaeological evidence is required to determine the historical significance of the terraces.

The 2020 survey plan initially included eighty-nine circular shovel test pits (STPs) placed in 50 ft. intervals throughout the tree line. The same 50 ft. by 50 ft. local grid applied to the Wiest lower field during the 2015 FOCS excavation was used to place twelve east-west running transects. The shovel test pit naming conventions used by Warfel (2010) at the Shultz House were also used for test pits in the tree line (Figure 9).

Thirty-nine shovel test pits were surveyed using a Leica GS14 GPS within 5 ft. accuracy. Lessened accuracy was due to dense foliage and tree cover which blocked the GPS from fully communicating with available satellites. Fifty test pits were not excavated due to extremely challenging brush and time constraints. Excavation was conducted by hand with trowels and shovels. Soils were divided by natural stratigraphy. Descriptions, Munsell colors, and depths were recorded for each layer and profiles were drawn for each shovel test pit. Soils were screened through ¼ in. hardware mesh, and artifacts placed into labeled bags divided by natural soil levels.

Digital photographs were taken of completed STPs and of the general excavation area. Excavation depth ranged from 0.8 ft. to 2.3 ft. Test pits that encountered stone, or root impasses were excavated short of subsoil depth. All artifacts, regardless of type, were collected. All test pits were backfilled immediately after recording and orange pin-flags were left in place at test pit locations for future mapping.

Once excavations were complete, artifacts were processed by a group of volunteers supervised by a project archaeologist. Glass, ceramic, lithics, and stable bone artifacts were washed; fragile bone and metals were dry brushed. Artifacts were then cataloged into a Microsoft Access database and curated per the State Museum of Pennsylvania's guidelines by the lead project archaeologist.

Excavation Results

The results of photogrammetry, surface collection, metal detecting, shovel test pits, and trench excavation highlight three major occupation periods of the Camp Security Preservation Area. These include a pre-contact occupation from the Late Archaic to Late Woodland Periods, an 18th century military encampment, and 19th to

20th century farming. The reliability of data generated from the project is high. Slight deviations were made from the original excavation plans in the shovel test pit survey, such as not excavating fifty pits due to time constraints and placing pits with sub-optimal accuracy. Deviations were recorded and orange pin flags were placed to mark pit locations for future mapping.

Photogrammetry

The 2020 investigation was the second time a drone was used to capture photos of the Preservation Area for general documentation and to create 3D models. These highly accurate 3D models can be used for visual purposes as well as algorithmic interpretation and interpolation. The drone used was a DJI Mavic 2 Pro operated using the DJI Go 4 application on a smart controller (a controller that does not require cell phone connection and data). The camera on the Mavic 2 Pro is a Haselblad L1D-20c Camera with 20 MP capabilities. This drone is licensed to Jane C. Skinner; FAA Small UAS Registration Number: FA3KHLWCKC.

Once the photos were collected in the field, they were analyzed in the Metashape program created by Agisoft. This program uses photogrammetry to estimate the relative spatial relationships between digital camera photos and the common points between the images. This initial step is called “alignment” and creates a sparse point cloud. On the sparse cloud we find the ground control points in individual images. In July of 2020, these control points were mason jar lids spray painted orange. In September, these were replaced with orange painted biodegradable paper plates. By identifying these points in the sparse point cloud and assigning x, y, and z coordinates to them, the model can be placed in absolute space. Once the alignment of the model is satisfactory, the next step is creating a dense point cloud where Metashape

uses the known common points to increase the population of common points in the photos. The next step is to estimate the slope between points. A line segment is used to connect the points in the dense point cloud, which creates a triangular irregular network (TIN). This is called the “mesh”. The final step is overlaying the photo-image or the “texture” which gives the model its realistic look.

At this point, the model is complete. It can be used to illustrate the topography of the Preservation Area and can be exported for other spatial analysis. There are two primary uses for these models at Camp Security: 1) As a base map to visualize the Preservation Area, this takes the form of an orthophoto exported from the program; 2) As a source of elevation data in the form of a digital elevation model (DEM). Both exports can be used as jumping-off point for other types of analysis and interpretation using tools in a GIS program.

Two models were created in 2020. One was made from photos taken in July, when the grass and the trees were in bloom and the fields were not plowed. This model included all four fields in the Preservation Area as well as the field to the north of the stream. The second model was created from photos collected in September, when the fields were plowed and disked. This model included only the two fields that were plowed for surface collection. The same general flight strategy was used for both models. Two passes were done in each modeled field, one at a higher elevation (between 325 and 375 ft.) and one at the lower elevation (between 225 and 275 ft.) with overlap in the tree line. The combination of the two elevations allows for increased detail while still visualizing enough space for the program to line up the photos. All the photos were taken in JPEG and in RAW from a 90-degree camera angle. Hazards and difficulties in the flights include the

privacy of the neighbors around the Preservation Area (including avian inhabitants) and nearby electric lines. Avoiding these obstacles could cause holes or distortion in the models.

The model of the entire Preservation Area, taken in July, used 1093 photos with an error of 0.18 ft. or 1.7 pixels. The plowed model taken in September used 493 photos and covered the plowed fields with some buffer to the west and east. It has an average error of 4.94×10^{-4} ft. which is 0.045 pixels. This difference in precision is due to the use of different ground control points and the size of the area covered (Figure 10).

After fieldwork, the drone was flown again to take final photos of the excavated area before it was backfilled and collect photos for a model of the tree line where the shovel test pits were dug. This model was georeferenced using the drone's internal GPS rather than the State Plane referencing system because there were not enough visible control points. This model has an average error of 0.09 ft. or 0.8 pixels.

Surface Collection and Metal Detecting

Surface collection and metal detecting of the Rowe lower field (36Yo415) recovered 659 artifacts. Thirty-three percent are redware fragments. Red earthenware pottery is not dateable because its form, composition, and glaze remain consistent from the 17th century to present day. However, redware is frequently identified at colonial period sites and was the dominant pottery type found during the 1979 excavation of Camp Indulgence (Hunter 1979). Forty-six camp period artifacts were found, including eleven musket balls, eleven buttons, seven buckles, six wrought iron nails, three creamware fragments, a Westerwald stoneware fragment, an English stoneware fragment, and a brass rumbler bell. Most artifacts date to the 19th and 20th century. These include cut nails, plain and decorated pearlware, American stoneware, and coins. Brick and coal fragments are ubiquitous throughout the survey area but were not collected or counted. 19th and 20th century artifacts in the Rowe lower field represent field trash dispersed by farmers who routinely disposed of household refuse

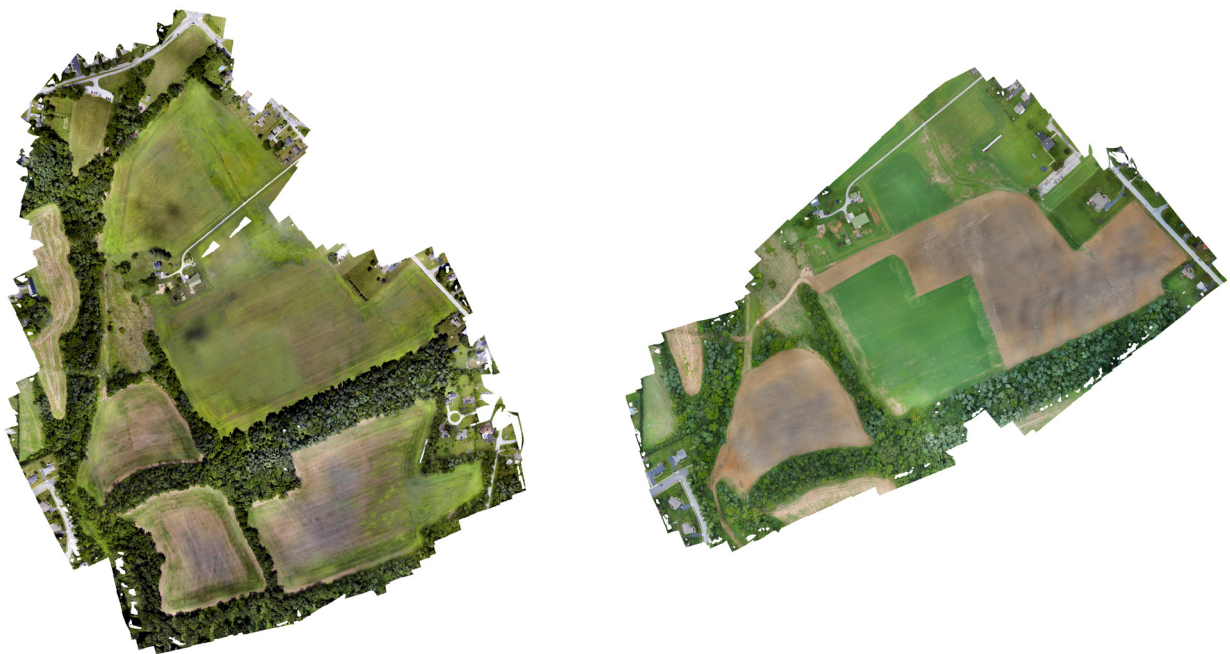


Figure 10: Orthophotos produced from the 2020 photogrammetry surveys

in the fields (Warfel 2016:15). Pre-contact artifacts, such as side scrapers, stone points, and quartz chipping debris, were found to be evenly dispersed. The assemblage is like that found in the Wiest lower field in 2015, indicating pre-contact occupation as early as the Late Archaic Period (c.a. 4,300 to 6,000 years ago).

Artifact concentrations are apparent in the southeastern corner of the project area, immediately west of Locust Grove Road, and in the northwest, 375 ft. south of the Shultz House (Figure 11).

The southeastern group spans 0.2-acres and is made up of redware, pearlware, farming equipment, nails, and modern glass. Being adjacent to Locust Grove Road implies this cluster resulted from modern road activity. The northwestern concentration covers 0.3-acres and includes redware, modern ammunition, clay pigeon fragments, nails, and coins. Recreational shooting activity is the likely cause of this group, but forty-five redware fragments in the area may indicate a feature beneath the plowzone. No 18th century artifacts reside in the concentration.

Surveys in the Wiest lower field (36Yo46) recovered 339 artifacts. Artifacts mirror the Rowe lower field with forty-one percent of the assemblage being redware fragments. Twenty-two artifacts date to the camp period, including five musket balls, five buckles, three buttons, two wrought iron nails, two coins, a creamware fragment, and an olive-green bottle glass fragment. Most objects date to the 19th and 20th century, such as American stoneware, cut nails, a coin, pearlware, and yellow ware. These artifacts originated from the Shultz House and are not associated with the camp period. Pre-contact artifacts consisting of quartz chipping debris, side scrapers, stone points, a ground stone axe fragment, and a hammerstone, were found evenly dispersed throughout the field. Diagnostic pre-contact artifacts date from the Late Archaic Period (c.a. 4,300 to 6,000 years ago) to the Late Woodland Period (ca. 1,000 to 2,000 years ago).

The Wiest lower field lacks the well-defined artifact concentrations seen in the Rowe lower field. Instead, it is broadly distributed with a higher artifact density in

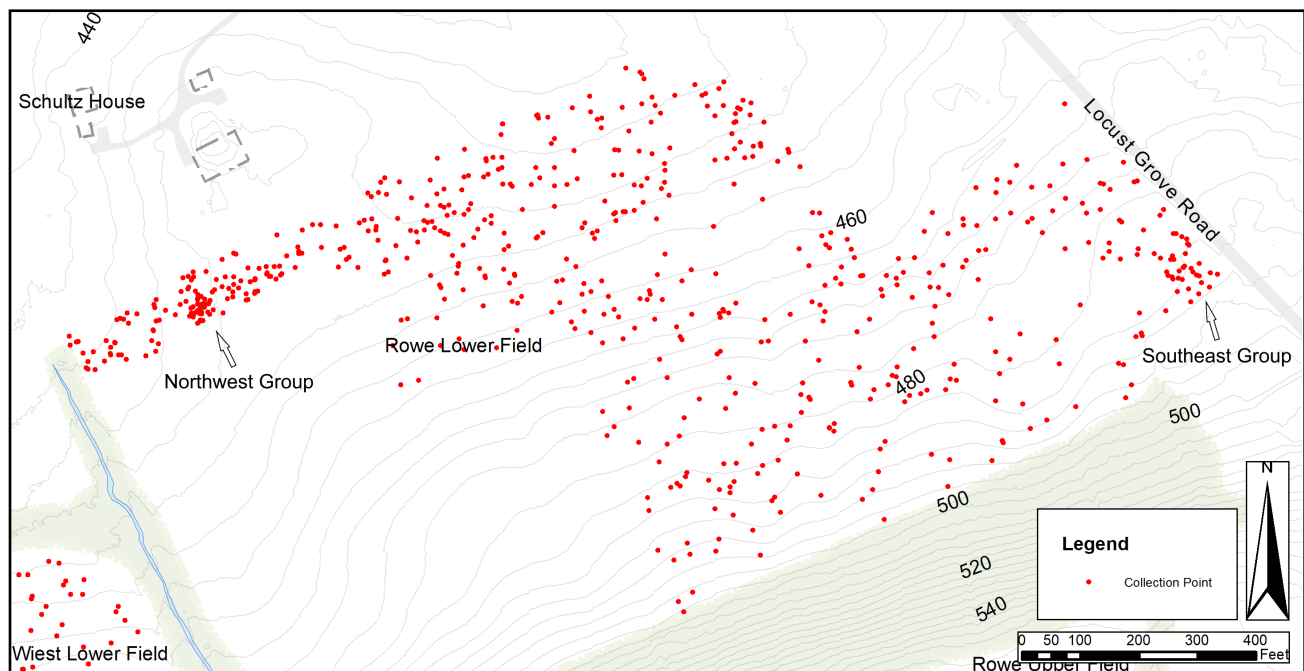


Figure 11: Map of 2020 surface collection and metal detection points in the Rowe lower field

the western third of the field. This density coalesces along a north to south running linear pattern (Figure 12).

Linear shapes in artifact distributions can be the result of historic boundaries that controlled the movement of people and objects (Schiffer 1996). Examples include walls, fence lines, pathways, or roads. Linear patterns are not in themselves evidence of past cultural activity. They could just as easily be the result of natural site formation processes and are subject to pareidolia, the human tendency to perceive meaningful patterns where there are none. It is necessary to assess the pattern with statistical methods and gather additional excavation evidence to determine its significance.

In summary, surface collection and metal detecting show that most artifacts are the result of trash disposal over the course of the 19th and 20th century. This is supported by the ubiquity of artifacts associated with farm refuse, such glass, fragmentary pottery, nails, and framing equipment. Camp period artifacts are present in both fields but are diffuse relative to other objects. Two well-defined concentrations were identified

in the Rowe lower field (36Yo415). One is the result of modern road activity while the other is due to recreational shooting activity, though a high number of redware fragments could be indicative of a historic feature. Artifact distributions appear more random in the Wiest lower field (36Yo46). A north to south running linear pattern is seen, but it is uncertain if this is due to a historic boundary, natural site formation processes, or pareidolic interpretation. Additional excavation data and statistical analysis is required to determine the pattern's true nature.

Shovel Test Pit Survey

Thirty-nine shovel test pits were excavated in the western half of the tree line separating the Wiest upper and lower fields (36Yo46). Eight pits are positive for cultural material. One contains pre-contact artifacts, six have historic artifacts, and one is positive for both. The pre-contact artifacts are all undiagnostic quartz shatter fragments. Most historic material are redware fragments with one piece of yellow slip decorated redware in D5 and one piece of

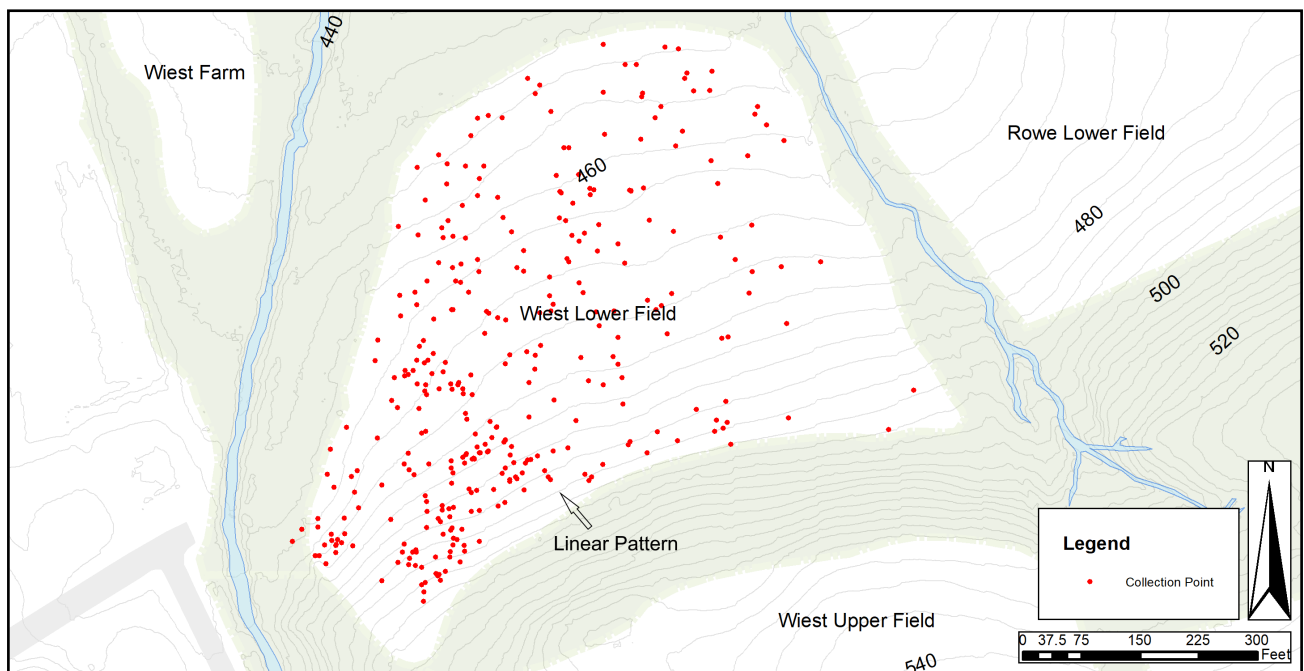


Figure 12: Map of 2020 surface collection and metal detection points in the Wiest lower field

plain creamware in E4 (Figure 13).

The stratigraphy in the area can be divided into two areas, west and east. The western portion is defined by a brown (10YR 4/3) loam over a yellowish red (5YR 5/8) silt clay loam subsoil. The eastern portion is defined by a very dark grayish brown (10YR 3/2) silt loam over a yellowish brown (10YR 5/4) silt loam with rock impasses ranging from large cobbles to large boulders. Much of the stratigraphy shows signs of recent landscaping, suggesting that soils were deposited in the area by heavy equipment. The western stratigraphy is indicative of push piles while the eastern stratigraphy suggests filling episodes.

Terracing is clearly visible in a 1947 aerial photograph of the preservation area; however, this is not observed in a similar 1937 photograph. The terraces observed by Catts and Roberts (2000) may be the result of land modifications done by a farmer in the 20th century. Historic artifacts recovered from the survey were likely deposited by soil remobilized from the Wiest upper field

into the present-day tree line.

Excavation

Twelve days were devoted to testing the artifact concentrations seen in the surface collection and metal detecting surveys. One trench (Trench 7) and two test units (TU 11 and 12) were placed in the Rowe lower field (36Yo415) and five trenches (Trench 7, 8, 9, 10, and 11) and four test units (TU 5, 6, 7, and 8) were excavated in the Wiest lower field (36Yo46). All trenches were 30 in. wide in keeping with the previous methodology established by Stephen Warfel (Warfel 2016).

Trench 7 is a west to east running trench in the Rowe Lower field (36Yo415). Its placement intersects the center of the artifact group seen 375 ft. south of the Shultz House. Trench sections begin with Section 1 and continue 50 ft. east to Section 10 (see Appendix 1 for GPS coordinates). The plowzone in all sections was divided into two distinct levels. Level 1A consists of a loose dark yellowish brown (10YR 4/3)

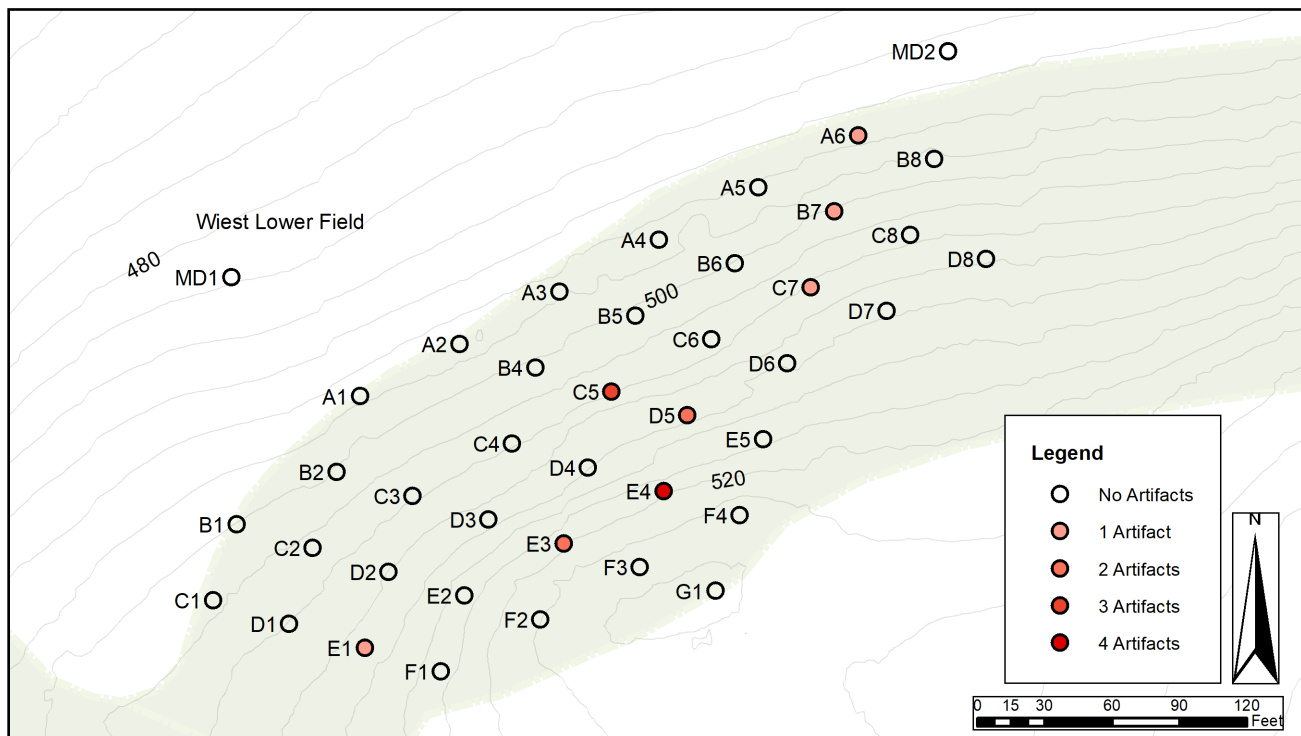


Figure 13: Distribution of artifacts recovered in STP survey

silt loam with grass clump inclusions. This represents the most recent plowing event which took place immediately prior to the investigation. Level 1B is a compacted dark yellowish brown (10YR 4/4) silt clay loam. This level represents the lower portions of the plowzone that were unaffected by recent plowing. Levels 1A and 1B vary slightly in depth with Level 1A being 6 to 11 in. thick and Level 1B 2 to 4 in. thick. The subsurface of Trench 7 (Level 2) consists of a yellowish brown (10YR 5/6) clay loam with oxidized inclusions. This transitions to a brown (10YR 5/3) clay loam with oxidized inclusions between Sections 7 and 8 and returns to a yellowish brown (10YR 5/6) clay loam from Sections 9 to 10. The brown clay loam transition was initially treated as a feature but was later determined to be due to natural drainage. Most sections of Trench 7 revealed plowscars and rodent disturbances. Plowscars were continuous between sections because of the trench's east-west orientation

Ninety-two artifacts were collected from Trench 7, including seventy-four redware fragments, seven whiteware fragments, four window glass fragments, three pieces of quartz chipping debris, two clay pigeon fragments, and two side scrapers. Seventy-six percent of the assemblage resides between Sections 2 and 6. This density is reflected in the surface collection and metal detecting data. No camp period artifacts were recovered from Trench 7.

One cultural feature was identified in Trench 7. Feature 45 is a north to south running, 1 ft. wide, linear disturbance of compacted yellowish brown (10YR 5/4) silt loam with pebble inclusions (Figures 14 and 15).

Investigation found the feature to be 10 in. deep with sloped sides and a rounded base. The compaction of feature soils is indicative of industrial fill and no artifacts were recovered. Feature 45 has the shape

and profile of a pipe trench, though no pipe was found. Excavations in 2016 identified a south to north running pipe between a nearby spring and a hand pump at the Shultz barn (Warfel 2016: 20-21). This pipe was also seen in a 2013 magnetometry survey (Quick 2013:16). Assuming the pipe follows a straight line, Feature 45 sits 43 ft. west of the pipe's path. Additional excavation was not done due to time constraints; however, the presence of compacted industrial fill indicates the feature is modern and unrelated to Camp Security.

Test Units 11 and 12 were placed to test



Figure 14: Opening photo of Feature 45, Section 9, Trench 7, 36Yo415 (Photo number 2020_D_058)



Figure 15: Bisection of Feature 45, Section 9, Trench 7, 36Yo415 (Photo number 2020_D_058)

portions of the artifact group not captured by Trench 7. Test Unit 11 is located 15 ft. north of Trench 7, Section 6 and Test Unit 12 is positioned 16 ft. south of Trench 7, Section 3 (see Appendix 1 for GPS coordinates). Both are 5 x 5 ft. in size. Stratigraphy in Test Unit 11 consists of a loose dark yellowish brown (10YR 4/4) silt loam with grass clump inclusions (Level 1A), a compacted dark yellowish brown (10YR 4/4) silt loam (Level 1B), and a yellowish brown (10YR 5/6) silt clay loam subsoil (Level 2). Test Unit 12 stratigraphy mirrors Test Unit 11. Two redware fragments were recovered from Test Unit 11 and no artifacts were found in Test Unit 12. No cultural features were identified in either test unit, outside of recent plowscaring.

Excavation trenches in the Wiest lower field (36Yo46) were placed to test the linear pattern seen in the artifact distribution. Trenches 7, 8, 9, and 10 are east to west running trenches that intersect the linear pattern near their center. Trench 7 is southernmost with Trench 8 positioned 80 ft. north. Trench 9 is 95 ft. north of Trench 8 and Trench 10 is 75 ft. north of Trench 9 (see Appendix 1 for GPS coordinates). This uneven spacing tested 18th century artifact locations near the linear pattern. Trench 11 is a south to north running trench between Trench 7, Section 1 and Trench 8, Section 5 (see Appendix 1 for GPS coordinates). Trench 11 tests the linear pattern on a north to south axis while intercepting potential east to west running features, such as a stockade trench. Trench 8 is 25 ft., Trenches 7, 9, and 10 are 50 ft., and Trench 11 is 80 ft. long.

Stratigraphy is consistent across trenches with a loose dark yellowish brown (10YR 3/4) silt loam with grass clump inclusions (Level 1A), a compacted dark yellowish brown (10YR 4/4) silt loam (Level 1B), and a yellowish brown (10YR 5/6) silt clay loam subsoil with (Level 2). Most notably,

the subsoil in Trench 7 contains many angular stones. This formation continues 40 ft. north into Trench 11, Section 8. Like the Rowe Lower field, the Wiest lower field has an upward grade which comes to a natural ridge at its upper most portion. Plowing prior to the investigation clipped the underlying ridge formation, bringing stone fragments to the surface and making the formation visible from the surface. The formation appears to stretch across the southern edge of the Wiest Lower field and is approximately 0.5-acres in size.

Eleven artifacts were recovered from excavation trenches, including four redware fragments, three whiteware fragments, two pieces of quartz chipping debris, a bottle glass fragment, and a vessel glass fragment. These objects were found at the intersection points of the linear pattern. This supports the pattern but does not rule out natural processes, such as erosion or hydrology, being its cause.

One feature was identified in Trench 11, Section 6. Feature 35 is a rounded rectangular stain of very dark grayish brown (10YR 3/2) silt loam (Figures 16 and 17). It is 1.2 ft. wide bounded by the natural angular stone of the ridge formation. Investigation found the feature to be 1.2 ft. deep with even sides and a flat bottom. Tossed angular stone and charcoal were found throughout, but no artifacts were recovered.

Feature 35 was determined to be a historic post hole. Its size, depth, and placement appear structural. Like concrete in modern home foundations, the ridge formation served as a robust anchor to set the post. Additional support was provided by the stone removed during its installation. These stones tumbled back into the post hole when the post was pulled. Unfortunately, the structure associated with the feature cannot be determined solely on a single post hole. Feature 35 sits along the linear pattern, which may support

the pattern as cultural. Additional related features must be found to confirm this.

Test Units 5, 6, 7, and 8 were placed to locate potential features in the Wiest Lower field. Test Units 5 and 6 are located near the eastern edge of the Wiest lower field and are both 10 x 15 ft. in size (see Appendix 1 for GPS coordinates). Test Unit 5 is placed on the approximate location of Feature 33; a pit first identified in the final days of the 2015 excavation. Warfel (2015: 18) describes Feature 33 as a dark oval stain, basin-shaped, and filled with a mixture of plowzone and subsoil. The feature was not fully excavated, so its complete shape and dating is unknown.

Test Unit 5 was placed following GPS coordinates supplied by Stephen Warfel.

Unfortunately, the device used to collect these coordinates was accurate to 15 ft., so Test Unit 5 failed to identify cultural features or artifacts. Soils are like the excavation trenches, made up with a loose dark yellowish brown (10YR 4/4) silt loam with grass clump inclusions (Level 1A), a compacted dark yellowish brown (10YR 4/4) silt loam (Level 1B), and a yellowish brown (10YR 5/6) silt clay loam subsoil with (Level 2).

The 2015 GPS coordinates were improved by georeferencing a 2016 Google Earth image into ArcMap GIS. The 2015 excavation trenches are visible in this image, so coordinates were adjusted to agree with the imagery and Test Unit 6 was placed using the updated coordinates. Stratigraphy in Test Unit 6 mirrors that of Test Unit 5. A large circular dark stain (10YR 4/4) was found in its southern third. The feature is 9 ft. in diameter from east to west and continues an unknown distance south outside of Test Unit 6 (Figure 18) It was initially treated as a new feature since its size is dramatically larger than what was seen in 2015. The exposed eastern half was removed, and several flat lying stones were found directly above black plastic. This was left by the 2015 excavators to mark the limit of their excavation and confirms the feature



Figure 16: Opening photo of Feature 35, Trench 11, Section 6, 36Yo46 (Photo number 2020_D_099)



Figure 17: Closing photo of Feature 35, Trench 11, Section 6, 36Yo46 (Photo number 2020_D_133)



Figure 18: Open photo of Feature 33, TU 6, 36Yo46 (Photo number 2020_D_104)

as Feature 33.

Feature 33 is a hand-dug pit partially disturbed by a large rodent burrow. Excavation revealed multiple complex events, represented by soil layers, within the feature (Figure 19). These include the 2015 excavation, rodent disturbances, and historic filling. The outline of the 2015 investigation is clear in the western profile, featuring a yellowish brown (10YR 5/4) silt loam with black plastic at its base. Beneath the plastic is a yellowish brown (10YR 5/6) silt clay loam with tossed angular stone. This characterizes the historic filling of the pit. A band of dark brown (10YR 3/3) silt loam cuts through these soils and represent multiple rodent disturbances.

Investigations in 2015 recovered two fragments of quartz chipping debris and a rhyolite biface. Warfel (2015:19) theorized that these pre-contact objects were on the ground when the pit was dug and later filled. The 2020 investigation found a redware fragment beneath the previous excavation, supporting Warfel's (2015) interpretation that the pit is historic. The complete size, shape, and depth of Feature 33 is unknown. Though it is inviting to speculate that it may be a camp period feature, the evidence required for this



Figure 19: Bisection of Feature 33, Test Unit 6, 36Yo46 (Photo number 2020_D_148)

interpretation is not present.

Test Units 8 and 9 were placed immediately west of Trench 11, Section 6 (see Appendix 1 for GPS coordinates). Both are 10 x 10 ft. in size. Their purpose was to uncover possible features associated with Feature 35, but no features were present.

Material Culture

One thousand one hundred thirty-eight artifacts were collected from the investigation area, ranging from Late Archaic lithics to modern framing equipment. Seven hundred twelve objects (62.6%) could not be accurately dated. These include bone fragments, corroded nails, and redware fragments. Two hundred five artifacts (18%) are modern, including plastic fragments, window glass, and farming equipment. Eighty-nine artifacts (7.8%) are pre-contact, including a ground stone axe fragment, a hammerstone, projectile points, quartz chipping debris, and side scrapers. Sixty-nine artifacts (6.1%) date to the 18th century and include musket balls, buckles, buttons, stoneware, and wrought iron nails.

Pre-contact Material

Thirty-four quartz flakes were collected in the project area, the majority of which being secondary flakes. This is consistent with the theory that the area was used for lithic reduction. Flakes are the by-product of shaping, thinning, or sharpening stone tools. They are commonly considered waste material but can be repurposed as tools themselves. Thirty-three large quartz fragments have evidence of pressure flaking along their edge and were likely utilized as scrapers. These objects were classified as side scrapers in the project catalog. Sixteen stone projectile points were recovered in the Rowe and Wiest lower fields.

Diagnostic points found in the Wiest lower field (36Yo46) include two triangular



Figure 20: Quartz points recovered from the Wiest lower field [Top row, from left: bifacial point fragment, Orient Fishtail point, Heck Rockshelter point; Bottom row, from left: two Madison points] (Photo number 2020_E_376)

points, a Heck Rockshelter point, and an Orient Fishtail point. Both triangular points, catalog numbers 36Yo46/106.1 and 36Yo46/458.2, are missing their tip. The closest analogy in shape, size, and region is the Madison point. The Susquehannock and Shenk's Ferry triangles were also considered, but their bases lack a concave shape and are not derived from Bald Eagle jasper. The Madison point is a thin small triangular point with a flattened cross section. The blade is straight and most commonly forms an isosceles triangle. This point is found over a wide area and dating varies based on location. Chronological placement of the Madison point in Pennsylvania is the Late Woodland Period to the Mississippian Period (ca. 300 to 1,100 years ago) (Figure 20).

The Heck Rockshelter point, catalog number 36Yo46/416.4, is mostly complete with a missing tip. This is a triangular expanding stem point with an elliptical cross section. The blade is commonly asymmetrical. Parallel notches form shoulders at an

upward angle. The base may be straight or slightly convex. These points are primarily found in central Pennsylvania and Maryland. Chronological placement of the Heck Rockshelter point is the Woodland Period (ca. 2,500 to 3,000 years ago).

The Orient Fishtail point, catalog number 36Yo46/103.2, is complete. This is a small lanceolate point with an expanding stem. The cross section varies between flattened to elliptical with a slender blade. The shoulder is rounded and sloped upwards. Its stem is typically expanding with a concave base, creating a "fishtail" appearance. This point is primarily found in the middle to lower Hudson River Valley but extends as far south as Virginia. Chronological placement of the Orient Fishtail point is the Late Archaic to Early Woodland Period (ca. 2,600 to 3,200 years ago).

Complete projectile points found in the Rowe lower field (36Yo415) include a Susquehannock Triangle, a Bare Island point, and a Duncan's Island point. The Susquehannock Triangle, catalog number



Figure 21: Stone points recovered from the Rowe lower field [Top row, from left: partial stemmed point fragment, Susquehannock Triangle, Duncan's Island point, Bare Island point; Bottom row, from left: partial bifacial point, two partial ovate points, two partial stemmed points] (Photo number 2020_E_380)

36Yo415/792.2, is mostly complete with a missing tip. This is a small triangular point with a flattened cross section. The blade is primarily straight, forming an isosceles or equilateral triangle. The base is typically concave. This point is mostly found in the Susquehanna River Valley and is associated with the Susquehannock culture. Chronological placement of the Susquehannock Triangle is the Mississippian Period (ca. 600 to 1,300 years ago) (Figure 21).

The Bare Island point, catalog number 36Yo415/1007.1, is mostly complete with a missing tip. This is a medium stemmed point with an elliptical cross section and excurvate blade. The shoulders are commonly angled upward with a straight stem and convex base. These points are found throughout the Potomac River Valley and the Susquehanna River Valley. Chronological placement of the Bare Island point is the Late Archaic to Early Woodland Period (ca. 1,500 to 4,500 years ago).

The Duncan's Island point, catalog number 36Yo415/982.2, is mostly complete with a missing tip. This is a medium triangular stemmed point with an elliptical cross section and slightly excurvate blade.

The shoulders have a slight upward angle. The stem is straight with a straight base. This point is primarily found in the Susquehanna River Basin, but is also seen in New Jersey, Delaware, and Maryland. Chronological placement of the Duncan's Island point is the Late Archaic Period (ca. 4,000 to 6,000 years ago).

In addition to chipped stone artifacts, a ground stone hammerstone and axe fragment were recovered from the Wiest lower field (Figure 22). The hammerstone, catalog number 36Yo415/384.2, is derived from sandstone, is smoothed on its sides, and shows evidence of pounding wear on its striking face. Finger holds are positioned along its side and bottom. The hammerstone's small size suggests it was used for tool production or shaping. The ground stone axe fragment, catalog number 36Yo46/433.2, is ovately shaped with flat smoothed sides. Impact wear is seen along its striking face. This object was likely grooved near its center to allow for its fastening to a handle. However, these portions are missing.



Figure 22: Ground stone artifacts, axe fragment (left) and hammerstone (right) (Photo number 2020_E_378)

Historic Material

Sixty-nine diagnostic historic artifacts date to the 18th century. They include sixteen musket balls, fifteen pottery fragments, twelve buckles, ten buttons, nine wrought iron nails, four olive green bottle glass fragments, two coins, and a brass rumbler bell. Most of the collection can be described as artifacts of personal adornment, objects worn by former site residents (White 2005: 1). Other objects, such as coins and musket balls, were carried rather than worn. All items are small and could easily be lost throughout the course of daily life.

A brass rumbler bell, catalog number 36Yo415/906.1, was discovered in the Rowe lower field (36Yo415) (Figure 23). The bell is remarkably complete and still rings. It features a geometric decoration on its bottom but is missing a distinguishable maker's mark. This rumbler bell, often known as a sleigh bell, is the most common type of bell found on colonial sites. It is a sphere-shaped object containing a loose iron ball, with a slot at one side and an ear for suspension on the other. The object's size, equivalent to a small orange, indicates that it was likely hung around the neck



Figure 23: Brass rumbler bell, catalog number 36Yo415/906.1 (Photo numbers 2020_E_382 and 2020_E_383)

of a cow. Some examples of rumbler bells are found to bear the initials "R" and "W", one on either side of the slot. These were products of Robert Wells of Aldbourne, Wiltshire, who operated his family's foundry from the late 18th century until his death in 1826. Similar bells were also produced by the Geddy family in Williamsburg, VA in the mid-18th century (Hume 1969: 58-59). The rumbler bell found in the Rowe lower field likely dates to the late 18th century but



Figure 24: Musket balls recovered from the Wiest lower field (top) and Rowe lower field (bottom) (Photo numbers 2020_E_394 and 2020_E_396)



Figure 25: King George I (left) and King George II (right) coins, obverse (above) and reverse (bottom) (Photo numbers 2020_E_387 and 2020_E_388)

is unassociated with Camp Security. It was instead used by tenant farmers shortly after the camps fell out of use.

Recovered musket balls are diverse in their size, ranging from .51 to .68 caliber. Though muskets are used by hunters in the present day, munitions larger than .50 caliber can date to the 18th century (Sivilich 1996). A lack of uniformity in size is evidence of individual or small-scale manufacture (Figure 24). Musket balls were likely created by Camp Security guards themselves. Ten show signs of impactation related to their firing. It is possible that camp guards practiced shooting near their encampment, but this is not mentioned in historic documents

Two 18th century coins were recovered in the Wiest lower field (36Yo46). These include a King George I coin (ca. 1714 to 1727) and a King George II coin (ca. 1727-1760) (Figure 25). King George I coins are characterized with a pronounced outer ridge and a right facing bust of King George I. The first issues ran from 1717 to 1718. A second issue of slightly larger and thinner pieces were minted from 1719 to 1724. No new copper was issued between 1725 and 1729. King George II took the throne during this period so minting from 1729 to 1754 featured his likeness. These coins are similar in style to King George I coins, but feature a left facing bust. No copper was issued between 1755 to 1770, so older mints were used extensively during the American Revolution (Hume 1969: 160-162). Notably, these coins were discovered near the tree line separating the Wiest upper and lower fields.

Twelve buckle fragments were found in the Wiest and Rowe lower fields. Six are square shoe buckles, four are stock buckles, and two curved buckles (Figure 26). Buckles were fashionable items and often status markers. The materials used and the decorations adorning buckles were

indications of the wealth of the individual. Shoe buckles were used to tightly hold the shoe to the foot. They were attached to the latches or straps of the shoe and tightened over the foot's instep leaving the buckle frame visible and the other buckle parts hidden. By the 18th century, the shoe buckle was a common clothing item worn by men, women, and children. Such buckles were ubiquitous during the 18th century and are the most encountered buckle type on archaeological sites (White 2005: 39). Stock buckles fastened neckcloths that wrapped around the neck and buckled or tied at the back of the neck. The tongue of stock buckles often features a unique three or four spike design to attach the buckle to the neckcloth. This tongue is positioned on the buckle frame in a vertical orientation and attached to hinges on either side. Stock buckles, though hidden, could be made of silver or plated copper alloys. The most ornate buckles could be worked or set with gems (White 2005: 47).

Buttons in the Wiest and Rowe lower fields are diverse in their shape, size, and construction (Figure 27). Most 18th century buttons feature an "alpha" shank. This is a piece of wire affixed to the back of the button that is formed into a loop, creating a shape akin to the Greek letter alpha. Other buttons feature a coned shaped shank or a drilled eye shank. Most of the button assemblage is plain. Two have decorative faces, including a floral motif (catalog number 36Yo415/805.5) and a stamped "33" (catalog number 36Yo46/396.3). The stamped button is a pewter foil which likely covered the face of a wooden button (Figure 28). The "33" is significant because it may be a reference to the British 33rd Regiment of Foot captured at the Battle of Yorktown. This regiment is included on a list of Yorktown prisoners in a 1781 letter from General George Washington to Abraham Skinner.



Figure 26: 18th century buckles recovered from the Wiest lower field (left) and Rowe lower field (right) (Photo numbers 2020_E_414 and 2020_E_416)



Figure 27: 18th century buttons recovered from the Wiest lower field (top) and Rowe lower field (bottom) (Photo numbers 2020_E_405 and 2020_E_407)



Figure 28: Button foil stamped with “33”, catalog number 36Yo46/396.3 (Photo number 2020_E_402)

<i>“Ft. Frederick</i>	
<i>Light Infantry</i>	594
<i>7th Regiment</i>	205
<i>33rd Regiment</i>	225
<i>71st Regiment</i>	242
<i>80th Regiment</i>	588
<i>Prince Hereditary</i>	425
<i>Regiment de Bose</i>	271
<i>Yagers</i>	68
<i>British Legion</i>	192
<i>North Carolina Volunteers</i>	<u>114</u>
	2924

To the Commissary General of Prisoners
Sir,
You are to dispose of the Prisoners as above. *George*
Washington
Camp near York,
25 Oct. 1781” (Washington 1781)

The letter clearly demonstrates that 225 soldiers of the 33rd Regiment were captured at Yorktown and taken to a “Camp near York”. These soldiers entered Camp Security in January 1782 and were confined to the stockaded portion of the camp complex. The button foil stamped with “33” was likely worn by one of these soldiers. Sergeant Roger Lamb accounts that “the soldiers of Lord Cornwallis’s army were

closely confined in their pen” (Hagist 2004: 100). Movement of Yorktown prisoners was limited to inside the stockade, so the location of the button may provide an important clue in discovering the stockade itself. The button is situated in the Wiest lower field (36Yo46), immediately north of the tree line separating the upper and lower fields. The King George coins are also located along this tree line.

Statistics and Probability Assessment *Spatial Analysis*

The size of the Camp Security Preservation Area (160-acres) necessitates the use of spatial analysis to better understand artifact distribution and relationships. All available excavation unit and surface collection points were mapped into a geographic information system (GIS) and project catalogues were joined to their respective contexts (Wheatley and Gillings 2002). ArcMap 10.6 was utilized for all analysis.

Reviewing the total artifact distribution, two concentrations become clear. These are Camp Indulgence in the Wiest upper field (36Yo46) (see Hunter 1979) and the Shultz House (36Yo415) (see Warfel 2010). Between these concentrations is a seemingly random scatter of artifacts throughout

the lower fields. The ubiquity of 19th and 20th century material tends to obscure the visibility of the 18th century artifact distribution. To help with this, 18th century artifacts were isolated to reveal their position on the landscape (Figure 29).

While the distribution seems clear, it is necessary to measure the amount of randomness in the distribution. A Global Moran's I test was used to measure the statistical significance of the 18th century artifact distribution. This test considers artifact locations and the values associated with each to determine whether those values are clustered, dispersed, or randomly distributed (Gardiner 2017:68). Since various methods were used to collect artifacts, it is necessary to modify the data set

to prevent the overweighing of variables. Overweighing can occur because excavation units fundamentally differ from surface or metal detecting points. Multiple objects can be found in a unit whereas individual collection points can only represent one object. The location of artifacts, regardless of how they were found, were assigned to arbitrary 50 ft. x 50 ft. areas. This grid was created by extending the 2016 and 2019 local grid across the entire Preservation Area. Subsequent spatial statistics examine these areas rather than discrete points or excavation units.

The Global Moran's I test shows that all artifact distributions are clustered, with a p-value less than 0.01 (Table 2). There is a less than a 1% likelihood that these

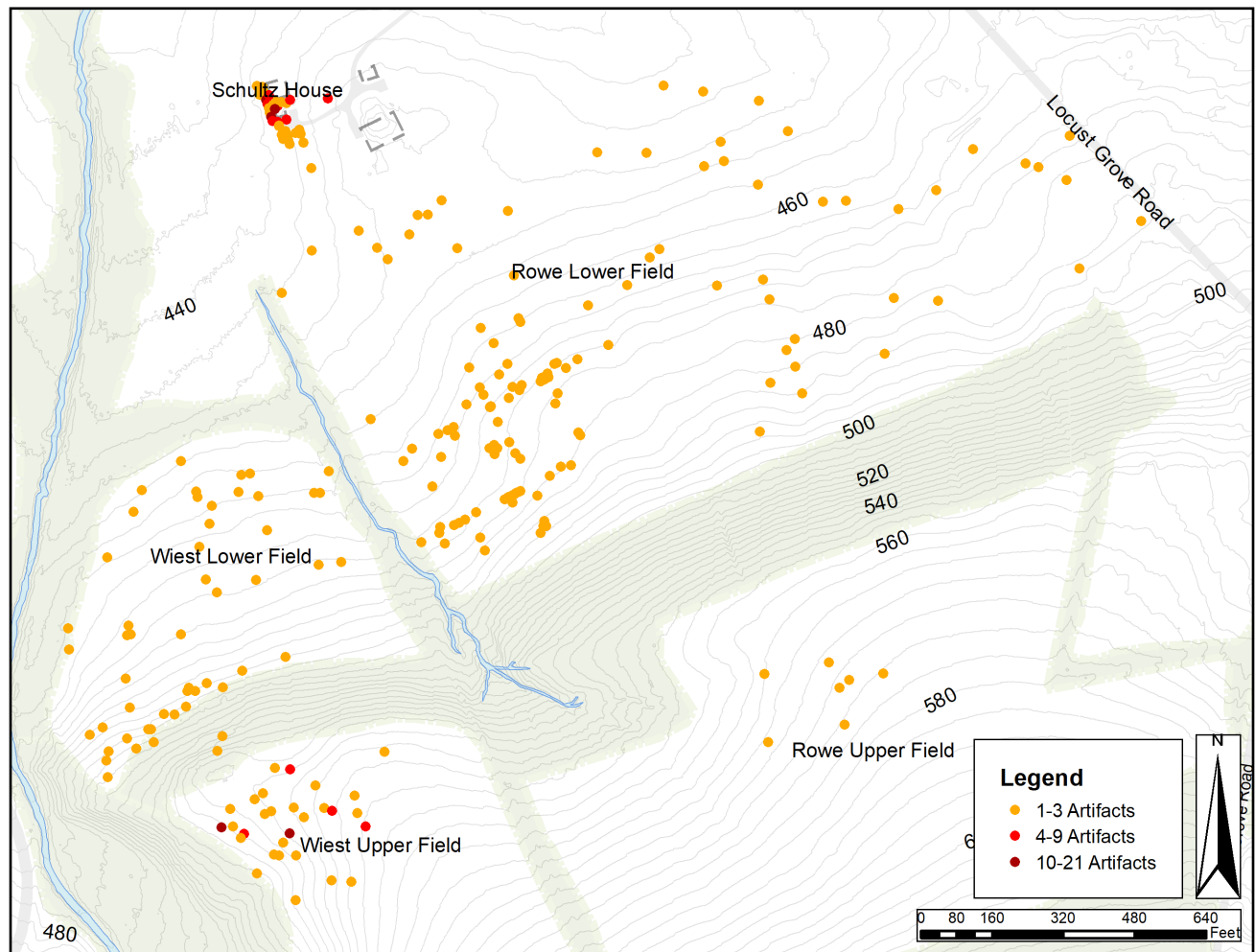


Figure 29: Distribution of 18th century artifacts collected from the Camp Security Preservation Area

distributions occurred due to random chance. Randomness is analogous with the scattering of house refuse by previous farmers. While the Global Moran's I test describes overall randomness, it does not show where clustering occurs. To see this, a Getis Ord Hotspot analysis was used on the 18th century assemblage (Figure 30). This test analyzes localized trends within distributions to create a map of specific areas with higher or lower associated values than expected. (Gardiner 2017:69).

Clustering occurs at Camp Indulgence (36Yo46) and the Shultz House (36Yo415). Distribution of the 18th century assemblage is random in the lower fields except for

one 50 ft. x 50 ft. area in the Rowe lower field. This randomness may indicate that most 18th century artifacts were heirloom objects broken in the Shultz House and disposed of with other materials during the 19th century. To further explore this, an ordinary least squares analysis was used to test the relationship between 18th and 19th century artifact distributions. An ordinary least squares (OLS) regression tests the null hypothesis that no association exists between the dependent variable, 18th century artifact count, and the explanatory variable, 19th century artifact count. This OLS model yielded an R-squared value of 0.804 and a p-value less than 0.01. The latter value is

Analyzed Artifacts	Distribution Type	Moran's Index Value	z-score	p-value
Total artifacts	Clustered	0.24	19.03	0.00
18th century artifacts	Clustered	0.18	16.09	0.00
Pre-contact artifacts	Clustered	0.33	23.36	0.00

Table 2: Results of Global Moran's I test of total, 18th century, and Native artifact distributions

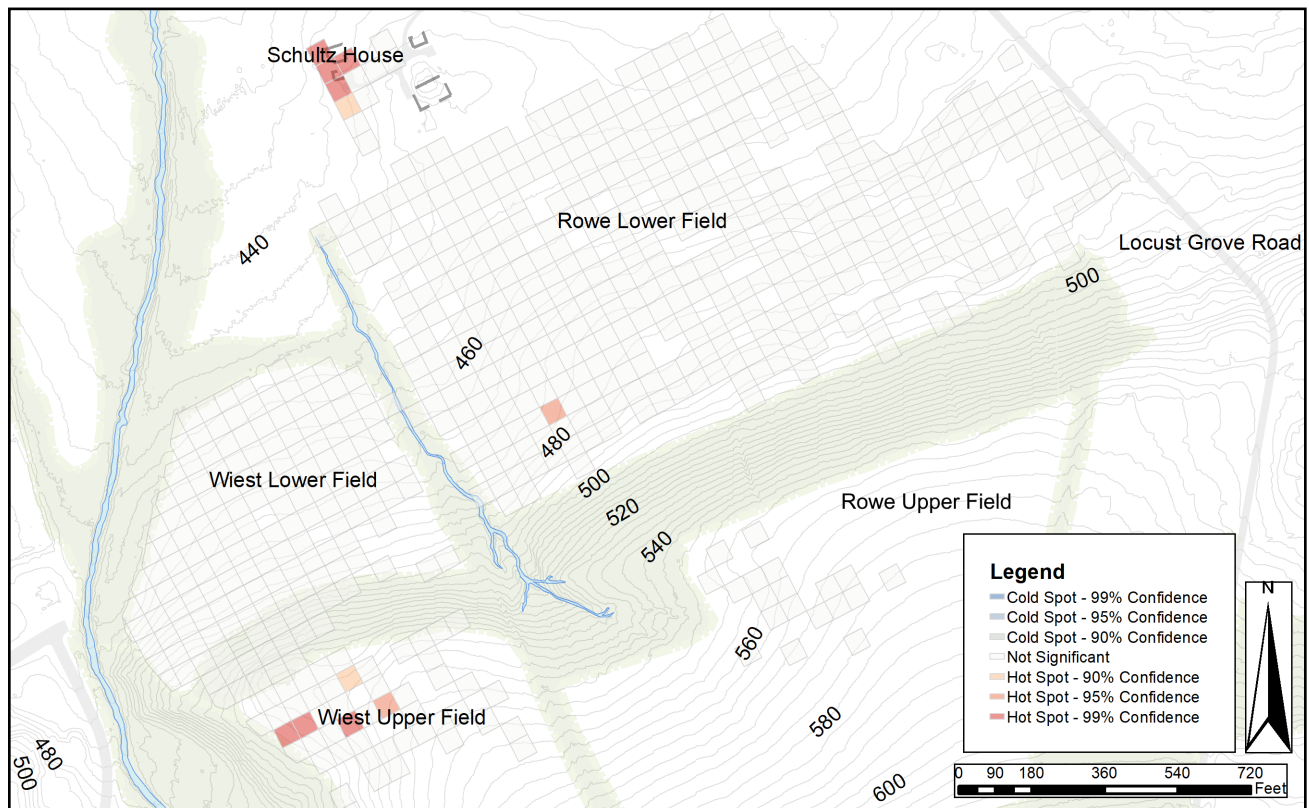


Figure 30: Getis Ord Hotspot analysis of 18th century artifacts

the probability that the null hypothesis is true; in this case, the small p-value led to rejection of the null hypothesis. 18th and 19th century artifacts are strongly associated and likely underwent the same depositional process.

An additional Getis Ord Hotspot analysis was used to identify localized differentiations from the OLS regression analysis. This identifies areas where the association between 18th and 19th century distributions significantly differ from the rest of the data set (Figure 31). The Camp Indulgence site (36Yo46) shows a large “cold spot” due to more 18th century material relative to 19th century material in the area. This speaks to the space’s primary occupation during the camp period. The Shultz House (36Yo415) has “hot” and “cold” spots due to a high number of both materials in this location. The continuous occupation of the Shultz House through the 18th and 19th century

explains this relationship. No significant variation is seen in the Wiest lower field and eastern half of the Rowe lower field. Hence, most 18th century artifacts discovered in these fields are likely heirloom objects broken in the Shultz House and disposed of with other materials during the 19th century. Additional “cold spots” are seen in the western half of the Rowe lower field (36Yo415). These deviations of the 18th century artifact distribution from the 19th century artifact distribution could be related to a camp period occupation.

To better characterize the composition of 18th century artifacts, artifacts were organized into groups based on their functional use. Functional groups include adornment, such as buttons and buckles; architectural, such as nails; kitchen and food storage, such as ceramics and utensils; and personal, made up of small items like musket balls and coins. Ordinary least squares analysis

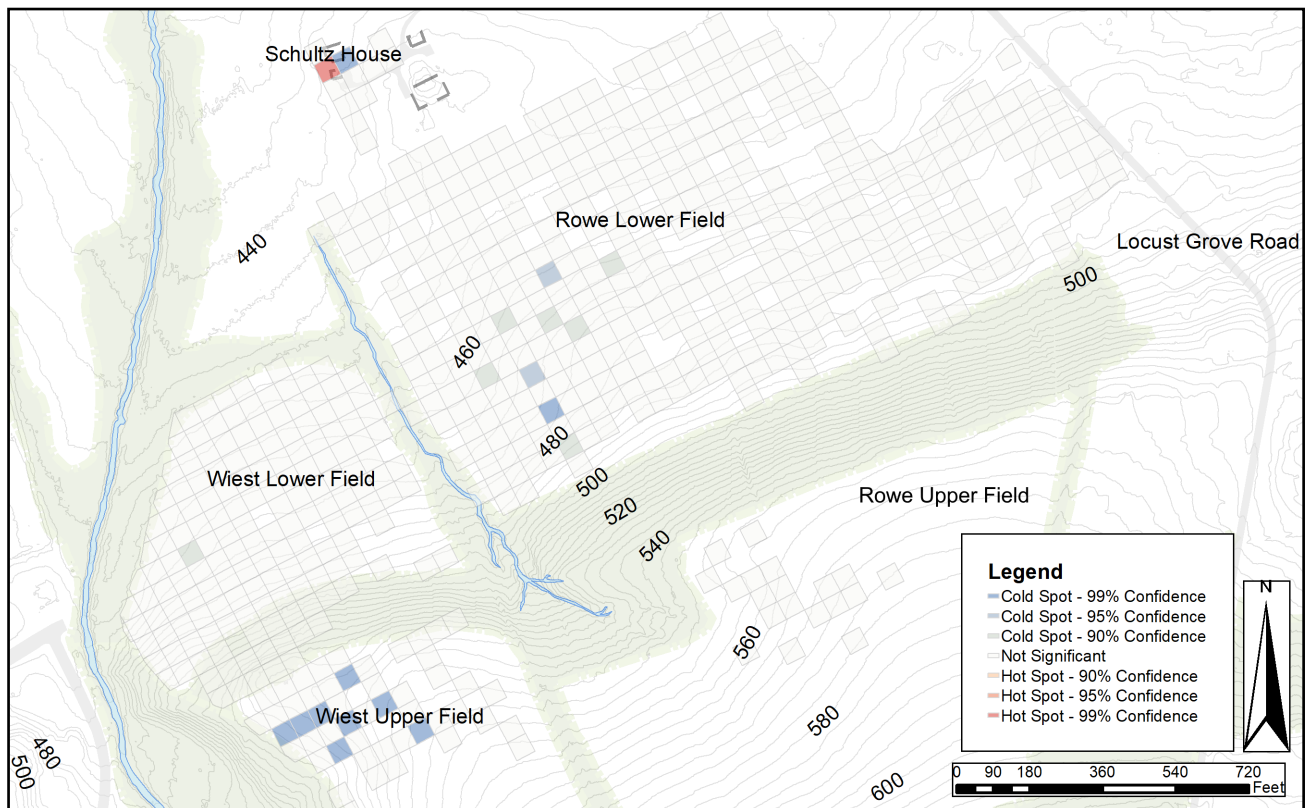


Figure 31: Getis Ord Hotspot analysis of OLS residuals, identifying areas where 18th and 19th century artifact distributions significantly differ

was used to understand the relationship between functional group distributions (Table 3).

Artifacts of adornment, such as buckles and buttons, are inversely correlated with kitchen and food storage artifacts. In other words, for every kitchen and food storage object found in a 50 ft. x 50 ft. area we expect to see -0.29 personal adornment objects. This result produced a p-value of 0.57, so the relationship is not statistically significant and can be explained by random chance. The small number of 18th century adornment objects is likely causing this low statistical significance. The negative relationship between kitchen and food storage objects and adornment objects is strongest at Camp Indulgence (36Yo46), the Rowe lower field (36Yo415), and the Shultz House (36Yo415).

Architectural artifacts, mostly comprising of wrought iron nails, are positively correlated with kitchen and food storage items. For every kitchen and food storage object found in a 50 ft. x 50 ft. area we expect to see 3.77 architectural objects. This result produced a p-value less than 0.01, so the relationship is considered statistically significant. The positive relationship is strongest at Camp Indulgence (36Yo46), the Rowe lower field (36Yo415), and the Shultz House (36Yo415). Architectural artifacts are also significantly distributed along the southern tree line of the Wiest lower field, but kitchen and food storage objects are less represented there.

The distribution of artifact functional groups, and their statistical relationships, provide a superficial description of Camp

Security's structure. Ceramics would frequently break over the course of camp life. These pottery fragments were collected and deposited into hand dug pits along with other refuse like architectural materials. Buttons and buckles were more likely to be lost in place rather than deposited into a pit. Kitchen and food storage refuse being positively correlated with architectural refuse, but inversely correlated with adornment objects, is suggestive of camp period refuse pits. A number of these pits were discovered at Camp Indulgence (36Yo46) (Hunter 1979) and are well represented in the analyzed data set. Such features may explain the "cold spots" observed in the Rowe lower field (36Yo415). This is an area where the 18th century artifact distribution deviates from the 19th century distribution and contains a high proportion of artifacts commonly associated with refuse pits.

Probability Areas

The fields of the Preservation Area were assessed for their probability of containing historic resources related to Camp Security. This assessment was made based on three criteria: 1) a statistically significant 18th century artifact distribution or the presence of artifacts unique to Camp Security; 2) natural water sources within 500 ft.; 3) terrain that agrees with historic accounts. Assessed areas are assigned a tier ranking of low, moderate, or high probabilities. High probability areas meet all three criteria, moderate meet at least one, and low meet none of the criteria.

The northern half of the Wiest upper field (36Yo46), the entire Wiest lower

Explanatory Variable	Coefficient	p-value
Adornment	-0.29	0.51
Architectural	3.77	0.00
Personal	0.27	0.52

Table 3: OLS results of functional groups; kitchen and food storage group is used as the dependent variable

field (36Yo46), and the southwest corner of the Rowe lower field (36Yo415) are considered high probability areas (Figure 32). The northern half of the Wiest upper field was confirmed to contain historic resources related to Camp Indulgence by a 1979 PHMC investigation (Hunter 1979). The Wiest lower field contains a button foil stamped with “33”. As previously discussed, this artifact is attributable to the British 33rd Regiment of Foot who were held prisoner at Camp Security from January 1782 to May 1783. It is also bounded on the east and west by natural water sources and is situated downhill from the Camp Indulgence site. This agrees with Lamb’s account of Camp Indulgence being “upon a rising ground” relative to Camp Security (Graham 1862:73). The southeastern corner of the Rowe lower field contains a statistically significant 18th century artifact

distribution that may be related to camp refuse pits. It is immediately adjacent to a natural spring and is lower in elevation to Camp Indulgence.

Areas immediately north and east of the Rowe lower field’s (36Yo415) southeast corner are considered medium probability. These areas lack statistically significant artifact distributions or artifacts directly attributable to Camp Security. However, its northern portions abut spring runoff. The area is at a lower elevation than the Camp Indulgence site but is outside of the “200 yards” described by Lamb. The southern half of the Wiest upper field (36Yo46) is also considered medium probability. This is due to it being within 500 ft. of a spring to its northeast and a stream to its west. There is also a possibility that the boundary of Camp Indulgence could expand southward with additional investigation.

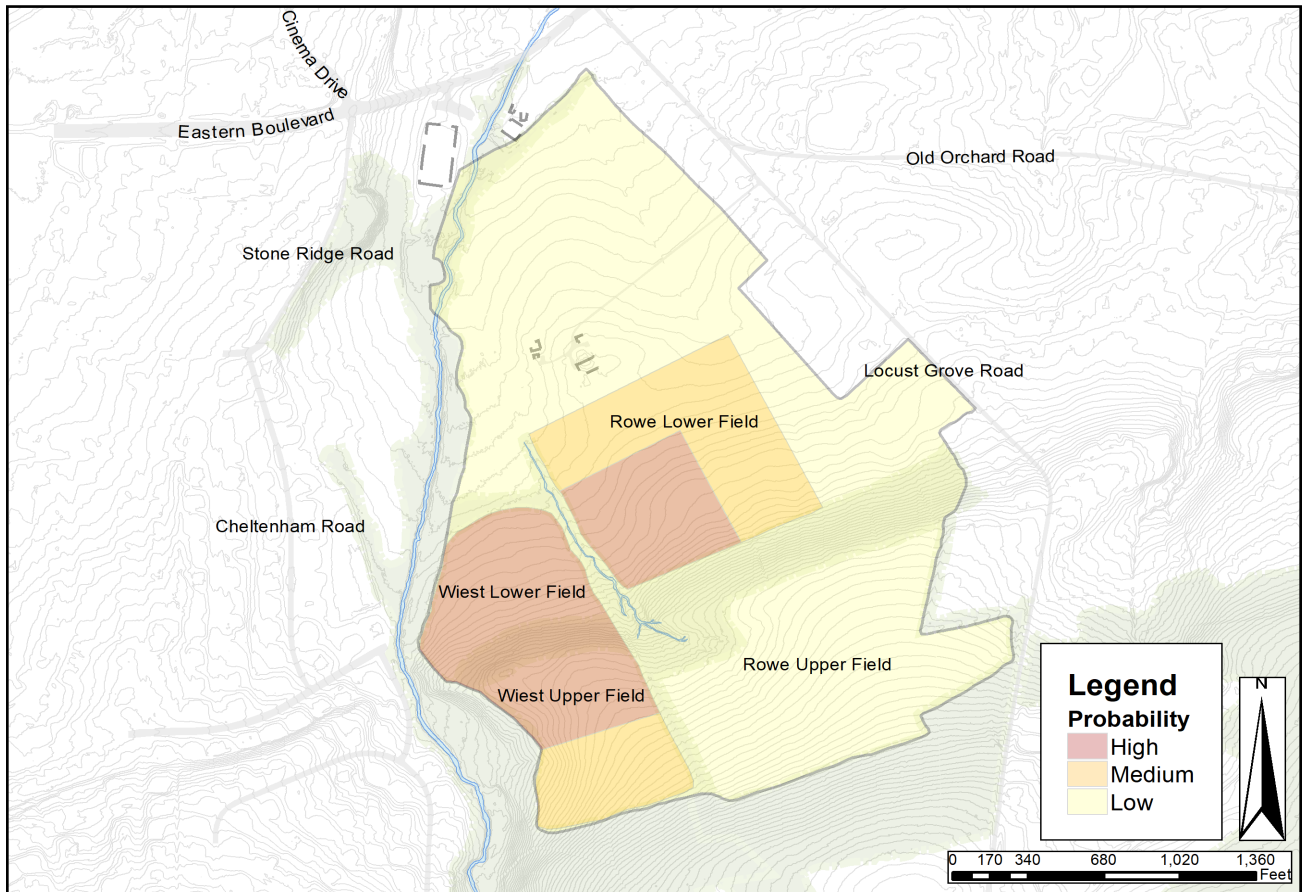


Figure 32: Map of probability areas

The remainder of the Preservation Area is considered low probability. This includes the entire Rowe upper field and northern and western portions of the Rowe lower field (36Yo415). These areas either do not meet the criteria or lack the archaeological data required to make an assessment. Though these areas are considered low probability, this does not eliminate the possibility of them containing cultural resources. The assessment presented is largely subjective and should not be considered faultless. "Low" does not imply zero possibility.

Discussion

Addressing Project Research Questions

1. What is the spatial distribution of 18th century artifacts in the Camp Security Preservation Area?

18th century artifacts are scattered across the entire investigation area, including both lower fields. While the distribution covers a large area, 18th century objects are generally diffuse with few areas being statistically significant. These areas include the Camp Indulgence site (36Yo46), the Shultz House (36Yo415), and a small portion of the Rowe lower field (36Yo415). Comparing the 18th and 19th century artifact distributions shows that most 18th century artifacts were likely heirloom objects broken in the Shultz House and disposed of with other materials during the 19th century. This relationship deviates, most notably, in the Rowe lower field. Artifacts of adornment, such as buttons, are negatively correlated with kitchen items, such as ceramics. This relationship is strongest in the Rowe lower field and may indicate the presence of camp refuse pits.

2. Does the distribution of 18th century artifacts relate to subsurface features?

A linear pattern was seen in the total artifact assemblage running north to south through the Wiest lower field (36Yo46). Though diffuse, 18th century

objects similarly conform to this pattern. Five excavation trenches were placed to test the pattern's validity, yielding a large structural post hole in Trench 11, Section 6. The posthole is considered historic due to its location, size, and hand-dug appearance. Related post holes were not discovered due to time constraints, so the historic structure supported by the post is unknown.

3. Which areas present the highest probability of Camp Security's location?

The Wiest lower field (36Yo46) and the southwest corner of the Rowe lower field (36Yo415) present the highest probability of Camp Security's location. The Rowe lower field's southeast corner contains a statistically significant 18th century artifact distribution that may be related to camp refuse pits. It is immediately adjacent to a natural spring and is lower in elevation to Camp Indulgence, agreeing with historic accounts of the camp's location. The Wiest lower field contains a button foil stamped with "33" which is directly attributable to the British 33rd Regiment. General George Washington ordered this regiment be sent to a "Camp near York" after their capture at Yorktown (Washington 1781). The field is bounded on the east and west by natural water sources and is situated immediately downhill from the Camp Indulgence site. A large structural post hole and hand-dug pit were discovered in this field. Neither feature can be positively associated with Camp Security, but they remain extremely promising. Most 18th century adornment objects, such as buttons and buckles, reside in the Wiest lower field. These objects were lost in place and may indicate locations where people frequently traveled or lived. Based on this evidence, the Wiest lower field presents the highest probability of containing Camp Security features, such as a stockade.

National Register Considerations

The Camp Security Preservation Area is within the historic limits of the 1781 property of David Brubaker. Brubaker made claims for the losses he incurred due to the construction of Camps Security and Indulgence. The claims demonstrate that the camps were located on the Brubaker tract and provide some clues as to initial camp structure. In his 1781 claim he states:

“That above 100 Acres thereof being already cleared, the persons employed constructing the Stockade & Huts for the Prisoners & Guards have made use of large quantities of wood growing on the said Plantation, & have already cleared 30 Acres of wood land thereon, so that the Plantation aforesaid is considerably impaired in value. That the Guards have used & destroyed almost all the Rails on the Plantation, utterly depriving the Tenant of the Indian Corn thereon, & the benefit of the Pasturage of his Meadow” (Brubaker 1896; emphasis added).

While it is known that Camps Security and Indulgence were constructed on this tract, the exact location and layout of these camps is unknown. Important questions related to the structure and daily life of revolutionary war prison camps can be addressed with future archaeological research. These include potential studies of vernacular architecture and material culture. Specifically, does the camp structure reflect a unique local identity or are standard military construction practices being used? To what extent are prisoners producing goods? What freedoms were afforded to prisoners and how does this relate to other prison camps?

The area meets the qualifications of National Register Criteria A and D. The site is the location of a significant event in the history of the United States, and thus

is significant to the study of the American War for Independence and the history and development of York County. The site retains several of the aspects or qualities of integrity crucial in determining National Register eligibility, including location, setting, association, workmanship, design, and materials, and has yielded data important in American history (Catts and Roberts 2000: 15). National Register Criteria A and D are primarily satisfied by the 1979 PHMC archaeological excavations and historic documents which place the camps within the Brubaker tract. The results of the 2020 investigation supplement this evidence, potentially expanding the scope of the site into the Wiest and Rowe lower fields. Further excavation is likely to add to the Camp Security Preservation Area’s National Register qualifications.

Conclusion and Recommendations

The primary objective of the 2020 archaeological investigation was to collect complete artifact data for the Wiest and Rowe lower fields. Surface collection, metal detecting, and excavation over 27.4-acres yielded 1,138 artifacts. Sixty-nine date to the 18th century and one, a stamped button foil, is attributed to British prisoners at Camp Security. Six excavation trenches tested clusters seen in the artifact distribution, uncovering a historic post hole. No artifacts were recovered from the post hole, but its size, location, and hand-dug appearance suggest it is historic. An extremely large hand-dug pit was also discovered but was not fully excavated due to time constraints. Spatial analysis of artifact locations also identified a portion of the Rowe lower field that may hold camp refuse pits.

The investigation provided promising new evidence of the camp’s location, but the elusive Camp Security stockade remains undiscovered. It is fair to question why the stockade is so difficult to find. Camps

Security and Indulgence were inhabited for twenty-two months. This brief occupation limited the amount of time when objects could be lost or intentionally thrown away. Although it is estimated that as many as 800 people inhabited the stockaded camp, most were relatively impoverished and simply did not have much to lose (Warfel 2016:28). The structural aspects of the site, such as the stockade, latrine pits, wells, etc., are likely extensive, but the associated artifacts used to locate and date these features is minimal. This problem is compounded by 19th century material that obscures the already minimal number of 18th century artifacts. Despite these challenges, the investigation identified areas with a high probability of containing the Camp Security stockade. The most promising of these areas is the Wiest lower field where the stamped button foil, post hole, and hand-dug pit were discovered.

The Wiest lower field (36Yo46) should be the primary area of future research with the goal of uncovering as much subsoil as possible to identify features. The most time effective means of doing this is mechanical stripping. Stephan Warfel (2014a) suggests that, "If only light artifact scatter and/or feature distributions are observed as a result of controlled surface survey and testing, the topsoil will be mechanically stripped to explore for and expose cultural features". Earth-moving equipment presents a risk of losing artifacts that could otherwise be collected through hand excavation. Surface collections help to mitigate but do not eliminate this risk. Hence, stripping should be limited and supplemented with hand excavation.

The shovel test pit survey in the tree line between the Wiest upper and lower fields (36Yo46) should be continued. Fifty test pits remain from the original archaeological plans and are in the eastern half of the tree line closest to the spring. Though

evidence points to terraces in the area being modern, intact camp period deposits may exist beneath them.

It is also recommended that low probability areas be excluded for consideration of future archaeological research. Excavation in these areas is unlikely to significantly add to the Preservation Area's National Register qualifications. This is not to say they have no archaeological potential. Pre-contact artifacts are scattered throughout the Wiest and Rowe lower fields and likely continue into low probability areas. Therefore, any construction for public use should follow all state and federal regulations related to cultural resources.

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Appendix 1: GPS Coordinates of STPs, Test Units, and Excavation Trenches

Coordinates are on the NAD 2011 Pennsylvania South State Plane in feet.

Wiest Lower Field (36Yo46)

Site	Unit	Corner	Longitude (X)	Latitude (Y)
36Yo46	A1	Center	2277687.679	234811.7974
36Yo46	A2	Center	2277731.978	234834.9839
36Yo46	A3	Center	2277776.277	234858.1703
36Yo46	A4	Center	2277820.576	234881.3567
36Yo46	A5	Center	2277864.875	234904.5432
36Yo46	A6	Center	2277909.173	234927.7296
36Yo46	B1	Center	2277632.824	234754.8683
36Yo46	B2	Center	2277677.123	234778.0547
36Yo46	B4	Center	2277765.721	234824.4276
36Yo46	B5	Center	2277810.019	234847.614
36Yo46	B6	Center	2277854.318	234870.8005
36Yo46	B7	Center	2277898.617	234893.9869
36Yo46	B8	Center	2277942.916	234917.1734
36Yo46	C1	Center	2277622.268	234721.1257
36Yo46	C2	Center	2277666.567	234744.3121
36Yo46	C3	Center	2277710.866	234767.4986
36Yo46	C4	Center	2277755.164	234790.685
36Yo46	C5	Center	2277799.463	234813.8714
36Yo46	C6	Center	2277843.762	234837.0579
36Yo46	C7	Center	2277888.061	234860.2443
36Yo46	C8	Center	2277932.36	234883.4308
36Yo46	D1	Center	2277656.01	234710.5694
36Yo46	D2	Center	2277700.309	234733.7559
36Yo46	D3	Center	2277744.608	234756.9423
36Yo46	D4	Center	2277788.907	234780.1287
36Yo46	D5	Center	2277833.206	234803.3152
36Yo46	D6	Center	2277877.505	234826.5016
36Yo46	D7	Center	2277921.804	234849.6881
36Yo46	D8	Center	2277966.103	234872.8745
36Yo46	E1	Center	2277689.753	234700.0133
36Yo46	E2	Center	2277734.052	234723.1997
36Yo46	E3	Center	2277778.351	234746.3861
36Yo46	E4	Center	2277822.65	234769.5726
36Yo46	E5	Center	2277866.949	234792.759
36Yo46	F1	Center	2277723.496	234689.457
36Yo46	F2	Center	2277767.795	234712.6435
36Yo46	F3	Center	2277812.094	234735.8299
36Yo46	F4	Center	2277856.392	234759.0163
36Yo46	G1	Center	2277845.836	234725.2737

Site	Unit	Corner	Longitude (X)	Latitude (Y)
36Yo46	MD1	Center	2277630.429	234864.768
36Yo46	MD2	Center	2277949.248	234965.185
36Yo46	TU 5	SE	2278111.624	235211.565
36Yo46	TU 5	NE	2278106.759	235220.698
36Yo46	TU 5	NW	2278093.284	235213.883
36Yo46	TU 5	SW	2278097.832	235205.055
36Yo46	TU 6	SW	2278118.382	235202.63
36Yo46	TU 6	NE	2278120.361	235220.598
36Yo46	TU 6	SE	2278127.494	235207.342
36Yo46	TU 6	NW	2278111.545	235215.974
36Yo46	TU 7	SW	2277732.677	234920.031
36Yo46	TU 7	SE	2277741.518	234924.648
36Yo46	TU 7	NW	2277728.105	234928.792
36Yo46	TU 7	NE	2277736.944	234933.3594
36Yo46	TU 8	SW	2277728.105	234928.792
36Yo46	TU 8	SE	2277736.944	234933.3594
36Yo46	TU 8	NE	2277732.218	234942.3583
36Yo46	TU 8	NW	2277723.233	234938.142
36Yo46	Trench 7	NE	2277797.413	234925.6697
36Yo46	Trench 7	SE	2277798.575	234923.4565
36Yo46	Trench 7	NW	2277753.147	234902.4197
36Yo46	Trench 7	SW	2277754.31	234900.2064
36Yo46	Trench 8	NE	2277716.04	234973.1955
36Yo46	Trench 8	SE	2277717.151	234971.008
36Yo46	Trench 8	NW	2277693.846	234961.6603
36Yo46	Trench 8	SW	2277695.005	234959.3761
36Yo46	Trench 9	NE	2277649.751	235045.9367
36Yo46	Trench 9	SW	2277606.658	235020.5328
36Yo46	Trench 9	NW	2277605.506	235022.7205
36Yo46	Trench 9	SE	2277650.939	235043.7533
36Yo46	Trench 10	SE	2277616.184	235110.1363
36Yo46	Trench 10	NE	2277615.004	235112.3543
36Yo46	Trench 10	SW	2277571.884	235086.9197
36Yo46	Trench 10	NW	2277570.738	235089.1056
36Yo46	Trench 11	SW	2277753.192	234902.3622
36Yo46	Trench 11	SE	2277755.415	234903.4386
36Yo46	Trench 11	NE	2277718.203	234974.4249
36Yo46	Trench 11	NW	2277716.04	234973.1608

Rowe Lower Field (36Yo415)

Site	Unit	Corner	Longitude (X)	Latitude (Y)
36Yo415	TU 11	SE	2278159.252	235919.224
36Yo415	TU 11	NE	2278156.934	235923.654
36Yo415	TU 11	NW	2278152.504	235921.336
36Yo415	TU 11	SW	2278154.822	235916.906
36Yo415	TU 12	SW	2278160.447	235876.454
36Yo415	TU 12	SE	2278164.877	235878.773
36Yo415	TU 12	NE	2278162.558	235883.203
36Yo415	TU 12	NW	2278158.128	235880.884
36Yo415	Trench 7	SW	2278139.774	235888.8401
36Yo415	Trench 7	NW	2278138.613	235891.0541
36Yo415	Trench 7	NE	2278182.894	235914.2747
36Yo415	Trench 7	SE	2278184.055	235912.0606

Appendix 2: Inventory of Artifacts Submitted for Curation

Wiest Lower Field (36Yo46)

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	74				general surface		Quartz chipping debris	flake	1		
Yo	46	74				general surface		Side Scraper	quartz	1		biface fragment
Yo	46	74				general surface		Plain hardwhite earthenware	base sherd	1		
Yo	46	74				general surface		Wrought nails	ferrous metal	1		complete, heavily corroded
Yo	46	75	1			surface/ plowzone		Plain/glazed redware	rim sherd	1		brown glaze
Yo	46	75	2			surface/ plowzone		Side scraper	jasper	1		heat-treated fragment
Yo	46	76	1			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	77	1			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	80	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	81	1			surface/ plowzone		Plain hardwhite earthenware	base sherd	1		
Yo	46	81	2			surface/ plowzone		Unidentifiable nails	ferrous metal	1	1	heavily corroded fragment
Yo	46	81	3			surface/ plowzone		Other clothing items (belt keeper, etc.)	aiguillete	1		partially bent, hollow copper fragment
Yo	46	81	4			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	83	1			surface/ plowzone		Coins	Indian head penny	1		complete, date reads "1891"
Yo	46	84	1			surface/ plowzone		Other stoneware (misc.)	rim sherd	1		gray glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	84	2			surface/ plowzone		Buckles	square shoe buckle	1		complete with central post
Yo	46	85	1			surface/ plowzone		Buttons (glass, bone, metal, plastic, shell)	flat button	1		complete alpha shank
Yo	46	87	1			surface/ plowzone		Plain/glazed redware	body sherd	1		black glaze
Yo	46	87	2			surface/ plowzone		Plain/glazed redware	body sherd	1		black glaze
Yo	46	87	3			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	89	1			surface/ plowzone		Side scraper	quartz	1		uniface scraper
Yo	46	90	1			surface/ plowzone		Modern ammunition	Brass blasting cap	1	1	fired fragment, modern
Yo	46	91	1			surface/ plowzone		Modern ammunition	.40 caliber bullet	1	1	impacted, modern
Yo	46	94	1			surface/ plowzone		Miscellaneous glass	melted fragment	1		aqua
Yo	46	94	2			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	96	1			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	98	1			surface/ plowzone		Side scraper	quartz	1		Biface side scraper
Yo	46	101	1			surface/ plowzone		Buckles	strap buckle	1		complete with attached hinge and impressed floral decoration
Yo	46	101	2			surface/ plowzone		Other decorated hardwhite earthenwares (hand-painted)	rim sherd	1		green floral decoration
Yo	46	101	3			surface/ plowzone		Other clothing items (belt keeper, etc.)	zipper fragment	1		impressed lettering reads, "HHBBELL"
Yo	46	101	4			surface/ plowzone		Animal tack	horseshoe	1	1	fragment
Yo	46	103	1			surface/ plowzone		Side scraper	quartz	1		uniface scraper fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	103	2			surface/ plowzone		Side-notched point	quartz	1		complete fishtail point
Yo	46	103	3			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	103	4			surface/ plowzone		Animal tack	horseshoe	1	1	fragment
Yo	46	104	1			surface/ plowzone		Wrought nails	ferrous metal	1		complete with some corrosion
Yo	46	105	1			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	106	1			surface/ plowzone		Triangular point	quartz	1		missing tip and base, possibly notched
Yo	46	107	1			surface/ plowzone		Wrought nails	ferrous metal	1		complete with some corrosion
Yo	46	107	2			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	108	1			surface/ plowzone		.66-.72 caliber musket ball	lead	1		complete, .68 caliber
Yo	46	108	2			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	109	1			surface/ plowzone		Shell-edged pearlware (blue, green, red)	rim sherd	1		blue shell-edged decoration
Yo	46	110	1			surface/ plowzone		Other decorated hardwhite earthenwares (hand-painted)	base sherd	1		handpainted green floral decoration
Yo	46	110	2			surface/ plowzone		.47-.56 caliber musket ball	lead	1		.51 caliber unimpacted musketball
Yo	46	111	1			surface/ plowzone		Side Scraper	quartz	1		biface side scraper
Yo	46	113	1			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	113	2			surface/ plowzone		Plain/glazed redware	body sherd	1		red glaze
Yo	46	115	1			surface/ plowzone		.58-.64 caliber musket ball	lead	1		impacted fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	115	2			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	115	3			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	116	1			surface/ plowzone		Animal tack	horseshoe	1	1	fragment
Yo	46	116	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	380	1			surface/ plowzone		Side Scraper	quartz	1		uniface side scraper
Yo	46	380	2			surface/ plowzone		Plain/glazed redware	body sherd	1		red glaze
Yo	46	380	3			surface/ plowzone		Cut nails	ferrous metal	1		intact head and shank
Yo	46	381	1			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	381	2			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	381	3			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	381	4			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	381	5			surface/ plowzone		Brick	fragment	1	1	
Yo	46	381	6			surface/ plowzone		Plain/glazed redware	rim sherd	1		brown glaze
Yo	46	381	7			surface/ plowzone		Bolts, nuts, washers	ferrous metal	1	1	complete with visible threads
Yo	46	381	8			surface/ plowzone		Other bottle (misc.)	fragment	1		dark olive green, 18th century
Yo	46	382	1			surface/ plowzone		Quartz chipping debris	shatter	1		
Yo	46	383	1			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	383	2			surface/ plowzone		Quartz chipping debris	flake	1		

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	383	3			surface/ plowzone		Historic animal bone	pelvis fragment	1		unmodified
Yo	46	384	1			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	384	2			surface/ plowzone		Hammerstone	sandstone	1		Cubic
Yo	46	384	3			surface/ plowzone		Unidentifiable nails	ferrous metal	1	1	heavily corroded fragment
Yo	46	385	1			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	385	2			surface/ plowzone		Quartz chipping debris	flake			
Yo	46	385	3			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	385	4			surface/ plowzone		Plain/glazed redware	base sherd	1		unglazed
Yo	46	385	5			surface/ plowzone		Hinges, pintles	copper alloy fragment	1		intact hinge
Yo	46	385	6			surface/ plowzone		Modern ammunition	lead .308 caliber bullet	1		impacted fragment
Yo	46	385	7			surface/ plowzone		Coins	King George II (ca. 1727-1760)	1		date illegible with bust facing left
Yo	46	386	1			surface/ plowzone		Plain porcelain	body sherd	1		
Yo	46	386	2			surface/ plowzone		Cut nails	ferrous metal	1		shaft, missing head
Yo	46	386	3			surface/ plowzone		Plain porcelain	body sherd	1		
Yo	46	386	4			surface/ plowzone		Plain/glazed redware	rim sherd	1		brown glaze
Yo	46	386	5			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	386	6			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	386	7			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	386	8			surface/ plowzone		Bolts, nuts, washers	ferrous metal	1	1	heavily corroded fragment
Yo	46	386	9			surface/ plowzone		Miscellaneous metal	ferrous metal scrap	1	1	
Yo	46	387	1			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	387	2			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	387	3			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	387	4			surface/ plowzone		Other bottle (misc.)	fragment	1		blueish gray color
Yo	46	387	5			surface/ plowzone		Miscellaneous metal	ferrous metal scrap	1	1	
Yo	46	387	6			surface/ plowzone		Brick	fragment	1	1	
Yo	46	387	7			surface/ plowzone		Unidentifiable nails	ferrous metal	1	1	shaft fragment
Yo	46	387	8			surface/ plowzone		Unidentifiable nails	ferrous metal	1	1	heavily corroded fragment
Yo	46	388	1			surface/ plowzone		Side Scraper	quartz	1		uniface fragment
Yo	46	389	1			surface/ plowzone		Other vessel	glass body fragment	1		blue with molded decoration
Yo	46	389	2			surface/ plowzone		Other stoneware (misc.)	base sherd	1		black glaze with black paste
Yo	46	389	3			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	389	4			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	389	5			surface/ plowzone		Miscellaneous metal	ferrous metal scrap	1	1	
Yo	46	389	6			surface/ plowzone		Cut nails	ferrous metal	1		Intact head and shank
Yo	46	390	1			surface/ plowzone		Plain/glazed redware	rim sherd	1		Unglazed

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	390	2			surface/ plowzone		Other bottle (misc.)	fragment	1		colorless
Yo	46	390	3			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	390	4			surface/ plowzone		Other bottle (misc.)	fragment	1		amber
Yo	46	390	5			surface/ plowzone		Plain/glazed redware	rim sherd	1		Unglazed
Yo	46	390	6			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	390	7			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	391	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	392	1			surface/ plowzone		Plain/glazed redware	base sherd	1		unglazed
Yo	46	392	2			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	392	3			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	392	4			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	392	5			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze with gray exterior slip
Yo	46	392	6			surface/ plowzone		Animal tack	horseshoe	1	1	fragment
Yo	46	393	1			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	393	2			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	393	3			surface/ plowzone		Decorated redware	body sherd	1		red glaze with yellow slip decoration
Yo	46	393	4			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	393	5			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	393	6			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	393	7			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	393	8			surface/ plowzone		Miscellaneous metal	cast iron fragment	1		slightly curved, likely farming equipment
Yo	46	393	9			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	394	1			surface/ plowzone		American (domestic) stoneware	rim sherd	1		gray salt glaze on exterior with interior black glaze
Yo	46	394	2			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	394	3			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	394	4			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	394	5			surface/ plowzone		Brick	fragment	1	1	
Yo	46	394	6			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	394	7			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	394	8			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	394	9			surface/ plowzone		Bolts, nuts, washers	fragment	1	1	heavily corroded
Yo	46	395	1			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	395	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	395	3			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	395	4			surface/ plowzone		Marbles (clay, glass)	glass	1		light blue
Yo	46	395	5			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	395	6			surface/ plowzone		Plain/glazed redware	base sherd	1		brown glaze
Yo	46	396	1			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	396	2			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	396	3			surface/ plowzone		Buttons (glass, bone, metal, plastic, shell)	tin or pewter button foil	1		stamped with "33", may refer to the British 33rd regiment captured at Yorktowne
Yo	46	397	1			surface/ plowzone		Cut nails	ferrous metal	1		shaft fragment
Yo	46	397	2			surface/ plowzone		Hooks, eyes; other fasteners	leather rivet	1		complete
Yo	46	398	1			surface/ plowzone		Animal tack	horseshoe	1	1	fragment
Yo	46	398	2			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	398	3			surface/ plowzone		Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		concave with intact cone and wire eye shank
Yo	46	399	1			surface/ plowzone		Hinges, pintles	copper alloy hinge with attached wood	1		
Yo	46	400	1			surface/ plowzone		Buttons (glass, bone, metal, plastic, shell)	convex button face/foil	1		fragment
Yo	46	400	2			surface/ plowzone		Coins	King George I (ca. 1714-1727)	1		date reads "1724"
Yo	46	400	3			surface/ plowzone		Cut nails	ferrous metal	1		Intact shank, missing head
Yo	46	400	4			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	400	5			surface/ plowzone		Buttons (glass, bone, metal, plastic, shell)	concave button	1		fragment, missing shank
Yo	46	401	1			surface/ plowzone		Farm equipment/ machinery	ferrous metal ring	1	1	

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	402	1			surface/ plowzone		Unidentifiable nails	ferrous metal	1	1	heavily corroded fragment
Yo	46	403	1			surface/ plowzone		Plain/glazed redware	rim sherd	1		Unglazed
Yo	46	403	2			surface/ plowzone		Side Scraper	quartz	1		uniface
Yo	46	403	3			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	403	4			surface/ plowzone		Hooks, eyes; other fasteners	leather rivet	1		complete
Yo	46	404	1			surface/ plowzone		Other vessel	glass body fragment	1		colorless
Yo	46	404	2			surface/ plowzone		Other vessel	glass body fragment	1		colorless, embossed with "1109 / B / 8"
Yo	46	405	1			surface/ plowzone		Miscellaneous metal	ferrous metal	1		fragmentary scrap
Yo	46	405	2			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	405	3			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	405	4			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	405	5			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	406	1			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	406	2			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	406	3			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	406	4			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	406	5			surface/ plowzone		Plain/glazed redware	rim sherd	1		light brown glaze
Yo	46	406	6			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	406	7			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	406	8			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	406	9			surface/ plowzone		Plain/glazed redware	rim sherd	1		light brown glaze
Yo	46	407	1			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	407	2			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	407	3			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	407	4			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	407	5			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	407	6			surface/ plowzone		Plain/glazed redware	base sherd	1		unglazed
Yo	46	407	7			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	407	8			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	407	9			surface/ plowzone		American (domestic) stoneware	body sherd	1		gray glaze
Yo	46	407	10			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	407	11			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	407	12			surface/ plowzone		Plain/glazed redware	rim and body sherds	2		light brown glaze
Yo	46	407	13			surface/ plowzone		American (domestic) stoneware	rim sherd	1		gray salt glaze on exterior with interior black glaze
Yo	46	407	14			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	408	1			surface/ plowzone		Other bottle (misc.)	fragment	1		colorless

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	408	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	408	3			surface/ plowzone		Plain/glazed redware	body sherd	1		black glaze
Yo	46	408	4			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	409	1			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	409	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	409	3			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	410	1			surface/ plowzone		Other bottle (misc.)	fragment	1		colorless
Yo	46	411	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	412	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	413	1			surface/ plowzone		Historic animal bone	long bone	1		unmodified
Yo	46	414	1			surface/ plowzone		Side Scraper	quartz	1		uniface, utilized broken ovate point
Yo	46	414	2			surface/ plowzone		Plain porcelain	body sherd	1		
Yo	46	415	1			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	415	2			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	415	3			surface/ plowzone		Farm equipment/ machinery	hitch	1	1	complete
Yo	46	416	1			surface/ plowzone		Drinking glass (tumbler, goblet)	fragments	2		colorless
Yo	46	416	2			surface/ plowzone		Drinking glass (tumbler, goblet)	fragments	2		colorless
Yo	46	416	3			surface/ plowzone		Miscellaneous metal	ferrous metal	1	1	fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	416	4			surface/ plowzone		Side-notched point	quartz	1		triangular with flat base, missing tip
Yo	46	416	5			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	416	6			surface/ plowzone		Hooks, eyes; other fasteners	leather rivet	1		complete with attached leather fragment
Yo	46	417	1			surface/ plowzone		Miscellaneous metal	ferrous metal	1	1	fragment
Yo	46	417	2			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	418	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	419	1			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	419	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	420	1			surface/ plowzone		Farm equipment/ machinery	hitch	1	1	fragment
Yo	46	420	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	421	1			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	422	1			surface/ plowzone		Miscellaneous metal	ferrous metal	1		fragment with cut marks along edge
Yo	46	423	1			surface/ plowzone		Yellow ware	rim sherd	1		
Yo	46	425	1			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	425	2			surface/ plowzone		Plain/glazed redware	rim sherd	1		light brown glaze
Yo	46	425	3			surface/ plowzone		Wire nails	ferrous metal	1	1	complete with washer fragment
Yo	46	425	4			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	425	5			surface/ plowzone		Plain/glazed redware	body sherd	1		red glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	425	6			surface/ plowzone		Decal decorated hardwhite earthenware	body sherd	1		green and blue floral decal decoration
Yo	46	426	1			surface/ plowzone		Plain/glazed redware	body sherds	2		brown glaze, sherds mend from recent break
Yo	46	426	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	426	3			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	426	4			surface/ plowzone		Plain/glazed redware	base sherd	1		unglazed
Yo	46	426	5			surface/ plowzone		Plain/glazed redware	base sherd	1		unglazed
Yo	46	426	6			surface/ plowzone		Decorated creamware (hand-painted)	rim sherd	1		Whieldon creamware with sponge decoration (ca. 1740-1775)
Yo	46	426	7			surface/ plowzone		Plain/glazed redware	body glaze	1		unglazed
Yo	46	426	8			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	426	10			surface/ plowzone		Other decorated hardwhite earthenwares (hand-painted)	body sherd	1		blue and green floral decoration
Yo	46	426	11			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	426	12			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	427	1			surface/ plowzone		Other bottle (misc.)	fragment	1		colorless
Yo	46	427	2			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	427	3			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	427	4			surface/ plowzone		Quartz chipping debris	flake	1		

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	427	5			surface/ plowzone		Other utensil (handle, etc.)	non-ferrous metal	1		handle fragment, flat on one side and slightly rounded on the other
Yo	46	428	1			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	428	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	428	3			surface/ plowzone		Miscellaneous metal	pewter	1		fragment
Yo	46	429	1			surface/ plowzone		Slag	glass slag	1		fragment
Yo	46	429	2			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	429	3			surface/ plowzone		Other bottle (misc.)	fragment	1		colorless
Yo	46	430	1			surface/ plowzone		Plain hardwhite earthenware	rim sherd	1		
Yo	46	430	2			surface/ plowzone		Milk glass	fragment	1		
Yo	46	431	1			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	431	2			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	432	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	432	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	432	3			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze with exterior gray slip
Yo	46	432	4			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	432	5			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	432	6			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	433	1			surface/ plowzone		Unidentifiable nails	ferrous metal	1	1	heavily corroded fragment
Yo	46	433	2			surface/ plowzone		Axes (3/4 and full-grooved)	fragment	1		smoothed with edgewear
Yo	46	433	3			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze with exterior gray slip
Yo	46	433	4			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	433	5			surface/ plowzone		Plain/glazed redware	body sherd	1		black glaze
Yo	46	434	1			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	434	2			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	434	3			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	434	4			surface/ plowzone		Unidentifiable nails	ferrous metal	1	1	heavily corroded fragment
Yo	46	435	1			surface/ plowzone		Buckles	strap buckle	2		fragments
Yo	46	435	2			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	436	1			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	436	2			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	436	3			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	436	5			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	436	6			surface/ plowzone		Wire nails	ferrous metal	1	1	missing head
Yo	46	437	1			surface/ plowzone		Bolts, nuts, washers	ferrous metal	1	1	complete round bolt
Yo	46	437	2			surface/ plowzone		Side Scraper	quartz	1		biface fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	437	3			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	437	4			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	437	5			surface/ plowzone		Side Scraper	quartz	1		uniface fragment
Yo	46	438	1			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	439	1			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	439	2			surface/ plowzone		Other vessel	glass body fragment	1		colorless
Yo	46	439	3			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		body sherd
Yo	46	440	1			surface/ plowzone		Animal tack	horseshoe	1	1	fragment
Yo	46	440	2			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	440	3			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	441	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	442	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	442	2			surface/ plowzone		Miscellaneous metal	ferrous metal	1	1	fragment with attached wood
Yo	46	442	3			surface/ plowzone		Coins	Lincoln penny	1		date illegible with bust facing right
Yo	46	443	1			surface/ plowzone		Plain/glazed redware	base sherd	1		brown glaze
Yo	46	443	2			surface/ plowzone		Plain hardwhite earthenware	body sherd	1		
Yo	46	444	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	444	2			surface/ plowzone		Side Scraper	quartz	1		uniface fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	445	1			surface/ plowzone		Wire nails	ferrous metal	1	1	fragment
Yo	46	445	2			surface/ plowzone		Buckles	strap buckle	1		fragment
Yo	46	445	3			surface/ plowzone		Animal tack	horseshoe	1	1	fragment
Yo	46	445	4			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	446	1			surface/ plowzone		Side Scraper	quartz	1		uniface fragment
Yo	46	446	2			surface/ plowzone		Miscellaneous metal	ferrous metal	1	1	fragment
Yo	46	447	1			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	447	2			surface/ plowzone		Albany slip (dark brown) on American stoneware	base sherd	1		gray paste with interior albany slip glaze
Yo	46	447	3			surface/ plowzone		Other vessel	glass body fragment	1		colorless
Yo	46	447	4			surface/ plowzone		Miscellaneous glass	circular lens	1		colorless, complete
Yo	46	448	1			surface/ plowzone		Plain/glazed redware	body sherd	1		Unglazed
Yo	46	448	2			surface/ plowzone		Chert chipping debris	primary flake	1		gray flint with some cortex
Yo	46	449	1			surface/ plowzone		Unidentifiable nails	ferrous metal	1	1	heavily corroded fragment
Yo	46	449	2			surface/ plowzone		Spikes	ferrous metal	1	1	heavily corroded
Yo	46	450	1			surface/ plowzone		Miscellaneous metal	ferrous metal	1	1	fragment with attached wood
Yo	46	450	2			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	450	3			surface/ plowzone		Window glass	fragment	1		colorless
Yo	46	450	4			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	451	1			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	451	2			surface/ plowzone		Plain/glazed redware	body sherd	1		brown glaze
Yo	46	451	3			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	452	1			surface/ plowzone		Plain/glazed redware	rim sherd	1		brown glaze
Yo	46	452	2			surface/ plowzone		Plain/glazed redware	body sherd	1		unglazed
Yo	46	452	3			surface/ plowzone		Plain/glazed redware	rim sherd	1		light brown glaze
Yo	46	452	4			surface/ plowzone		Animal tack	horseshoe	1	1	fragment
Yo	46	453	1			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	454	1			surface/ plowzone		.47-.56 caliber musket ball	lead	1		.55 caliber, complete
Yo	46	455	1			surface/ plowzone		Miscellaneous metal	non-ferrous metal	1		fragment with molded curve
Yo	46	455	2			surface/ plowzone		Quartz chipping debris	flake	1		
Yo	46	455	3			surface/ plowzone		Buckles	belt buckle	1		non-ferrous fragment
Yo	46	456	1			surface/ plowzone		Historic animal bone	long bone	1		butchered fragment
Yo	46	457	1			surface/ plowzone		Side Scraper	quartz	1		uniface fragment
Yo	46	458	1			surface/ plowzone		Decal decorated hardwhite earthenware	body sherd	1		blue and red decoration
Yo	46	458	2			surface/ plowzone		Triangular point	quartz	1		missing tip, possibly retouched into side scraper
Yo	46	458	3			surface/ plowzone		Quartz chipping debris	flake	1		

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	459	1			surface/ plowzone		Plain hardwhite earthenware	rim sherd	1		
Yo	46	459	2			surface/ plowzone		Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		circular flat face, missing shank
Yo	46	459	3			surface/ plowzone		.47-.56 caliber musket ball	lead	1		.55 caliber impacted fragment
Yo	46	461	1			surface/ plowzone		Side Scraper	quartz	1		uniface fragment
Yo	46	462	1			surface/ plowzone		Coins	Lincoln penny	1		date reads "1985"
Yo	46	462	2			surface/ plowzone		Plain/glazed redware	rim sherd	1		brown glaze
Yo	46	463	1			surface/ plowzone		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	463	2			surface/ plowzone		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	464		A6		2		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	465		B7		2		Plain/glazed redware	body sherd	1		unglazed
Yo	46	466		C5		1		Plain/glazed redware	body sherd	2		light brown glaze
Yo	46	467		C5		2		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	468		C7		2		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	469		D5		2		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	469		D5		2		Decorated redware	body sherd	1		light brown glaze, yellow slip decoration is missing
Yo	46	470		E1		1		Quartz chipping debris	shatter	1		
Yo	46	471		E3		2		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	472		E3		3		Quartz chipping debris	shatter	1		
Yo	46	473		E4		2		Plain/glazed redware	rim and body sherds	3		unglazed and brown glaze
Yo	46	474		E4		3		Plain creamware	body sherd	1		
Yo	46	475		Trench 7	4	1A		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	476		Trench 8	2	1A		Plain/glazed redware	body sherd	1		dark brown glaze
Yo	46	476		Trench 8	2	1A		Other bottle (misc.)	fragment	1		colorless

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	46	477		Trench 8	3	1A		Plain hardwhite earthenware	body sherd	1		
Yo	46	477		Trench 8	3	1A		Plain/glazed redware	body sherd	1		light brown glaze
Yo	46	478		Trench 9	4	1A		Plain/glazed redware	body sherds	2		light brown glaze
Yo	46	478		Trench 9	4	1A		Quartz chipping debris	flake	1		
Yo	46	479		Trench 9	6	1A		Quartz chipping debris	flake	1		
Yo	46	479		Trench 9	6	1A		Other vessel	glass body fragment	1		colorless
Yo	46	480		Trench 10	6	1A		Plain hardwhite earthenware	body sherd	2		
Yo	46	481		Trench 10	8	1B		Plain hardwhite earthenware	body sherd	1		
Yo	46	482		Trench 11	2	1A		Plain/glazed redware	body sherds	1		unglazed
Yo	46	483		TU 5		1B		Window glass	fragment	1		colorless
Yo	46	484		TU 6		2	33	Plain/glazed redware	body sherds	1		dark brown glaze
Yo	46	485		TU 7		1B		Plain/glazed redware	body sherds	1		light brown glaze
Yo	46	486		TU 8		1B		Unidentifiable nails	ferrous metal	1		fragment

Rowe Lower Field (36Yo415)

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	279			surface/ plowzone			Historic animal bone	long bone fragments	2		modified
Yo	415	279			surface/ plowzone			Cut nails	ferrous metal	1		bent fragment
Yo	415	279			surface/ plowzone			Transfer printed hardwhite earthenwares	body sherd	1		red transfer print decoration
Yo	415	279			surface/ plowzone			Slag	ferrous metal	1		fragment
Yo	415	279			surface/ plowzone			Other bottle (misc.)	base and body fragments	2		colorless, embossed with "IQU"

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	526	3		surface/ plowzone			Modern ammunition	lead .32 caliber bullet	1		complete
Yo	415	551	4		surface/ plowzone			Coins	nickel	1		date reads "1972"
Yo	415	614	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	614	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	614	3		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	614	4		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	clay pigeon body sherd	1		black
Yo	415	614	5		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	clay pigeon rim sherd	1		black
Yo	415	614	6		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	763	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	764	1		surface/ plowzone			Miscellaneous metal	ferrous metal scrap	1	1	
Yo	415	765	1		surface/ plowzone			Other jewelry	non ferrous decorative pin	1		heart shaped, complete
Yo	415	766	1		surface/ plowzone			Coins	copper alloy	1		Illegible, likely a penny
Yo	415	766	2		surface/ plowzone			Construction tools (hammer, saw, axe, shovel, etc.)	ferrous metal axe head	1		complete
Yo	415	767	1		surface/ plowzone			Other vessel	glass body fragment	1		colorless
Yo	415	767	2		surface/ plowzone			Miscellaneous metal	ferrous metal scrap	1	1	
Yo	415	767	3		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		circular flat face, missing shank

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	768	1		surface/ plowzone			Other projectile point	quartz	1		ovate biface with notch on one side
Yo	415	769	1		surface/ plowzone			Plain/glazed redware	body sherd	1		yellow glaze
Yo	415	769	2		surface/ plowzone			Farm equipment/ machinery	ferrous metal plow	1	1	fragment
Yo	415	770	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	square bolt with washer
Yo	415	770	2		surface/ plowzone			Animal tack	horseshoe	1	1	fragment
Yo	415	771	1		surface/ plowzone			Miscellaneous metal	non-ferrous metal plate	1	1	fragment
Yo	415	771	2		surface/ plowzone			Miscellaneous metal	ferrous metal scrap	1	1	
Yo	415	772	1		surface/ plowzone			Plain hardwhite earthenware	base sherd	1		
Yo	415	773	1		surface/ plowzone			Miscellaneous metal	ferrous metal plate	1	1	fragment
Yo	415	774	1		surface/ plowzone			Plain/glazed redware	body sherd	1		black glaze
Yo	415	775	1		surface/ plowzone			Other wire (springs, etc.)	d-ring with screw mount	1	1	fragment
Yo	415	775	2		surface/ plowzone			Other hand tools (triangle file, ferule, whet stone, punch, etc.)	plumb bob	1		complete
Yo	415	776	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	heavily corroded fragment
Yo	415	777	1		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	778	1		surface/ plowzone			Straight stem point	quartz	1		convex base, missing tip
Yo	415	778	2		surface/ plowzone			Plain creamware	body sherd	1		
Yo	415	779	1		surface/ plowzone			Wire nails	ferrous metal	1	1	Intact shank, missing head

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	780	1		surface/ plowzone			Other bottle (misc.)	fragment	1		colorless
Yo	415	781	1		surface/ plowzone			Miscellaneous metal	ferrous metal scrap	1	1	
Yo	415	782	1		surface/ plowzone			Buckles	non ferrous metal	1		square shoe buckle fragment with central post
Yo	415	782	2		surface/ plowzone			.25-.44 caliber buckshot	lead	1		impacted
Yo	415	783	1		surface/ plowzone			Miscellaneous metal	ferrous metal scrap	1	1	
Yo	415	783	2		surface/ plowzone			Animal tack	horseshoe	1	1	complete
Yo	415	784	1		surface/ plowzone			Modern ammunition	.22 caliber bullet	1		impacted
Yo	415	785	1		surface/ plowzone			Plain/glazed redware	body sherds	5		unglazed
Yo	415	785	2		surface/ plowzone			Other bottle (misc.)	shoulder fragment with partial finish	1		colorless
Yo	415	785	3		surface/ plowzone			Plain/glazed redware	base sherd	1		interior black salt- glaze
Yo	415	785	4		surface/ plowzone			.47-.56 caliber musket ball	lead	1		impacted
Yo	415	786	1		surface/ plowzone			Other bottle (misc.)	body fragment	1		colorless
Yo	415	787	1		surface/ plowzone			Window glass	fragment	1		colorless
Yo	415	787	2		surface/ plowzone			Window glass	fragment	1		colorless
Yo	415	787	3		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	787	4		surface/ plowzone			Miscellaneous metal	tin fragment	1		stamp decoration with snakes
Yo	415	788	1		surface/ plowzone			Plain porcelain	base sherd	1		European hard-paste

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	788	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	788	3		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	788	4		surface/ plowzone			Buckles	non ferrous metal	1		square buckle, sub-annular at one end
Yo	415	789	1		surface/ plowzone			Window glass	fragment	1		colorless
Yo	415	790	1		surface/ plowzone			Side scraper	quartz	1		uniface scraper fragment, possibly reworked point
Yo	415	791	1		surface/ plowzone			Whet stones	fragment	1		triangular shape with cut marks, includes quartz inclusions along its top
Yo	415	792	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	792	2		surface/ plowzone			Triangular point	quartz	1		Susquehannock point with broken tip
Yo	415	793	1		surface/ plowzone			Window glass	fragment	1		colorless
Yo	415	793	2		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	copper alloy	1		ovate face with square hole in center, includes corded decoration
Yo	415	794	1		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	copper alloy	1		flat with circular shank, inscribed with "rich gold colour"
Yo	415	795	1		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	796	1		surface/ plowzone			Miscellaneous metal	ferrous metal scrap	1	1	
Yo	415	796	2		surface/ plowzone			.25-.44 caliber buckshot	lead .40 caliber	1		impacted
Yo	415	797	1		surface/ plowzone			Historic animal bone	long bone fragment	1	1	unmodified

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	797	2		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	washer
Yo	415	798	1		surface/ plowzone			Historic animal bone	long bone fragment	1	1	unmodified
Yo	415	798	2		surface/ plowzone			.58-.64 caliber musket ball	lead .60 caliber	1		impacted
Yo	415	799	1		surface/ plowzone			Other bottle (misc.)	body fragment	1		light green
Yo	415	800	1		surface/ plowzone			Modern ammunition	.22 caliber bullet	1		complete, unimpacted
Yo	415	801	1		surface/ plowzone			Locks, latches, keys, hasps, hooks, eyes	non-ferrous metal hook	1		decorative fragment
Yo	415	802	1		surface/ plowzone			Plain/glazed redware	base sherd	1		brown glaze
Yo	415	802	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	802	3		surface/ plowzone			Plain/glazed redware	rim sherd	1		brown glaze
Yo	415	802	4		surface/ plowzone			Bifurcated point	quartz	1		partial base, missing tip
Yo	415	802	5		surface/ plowzone			Plain/glazed redware	rim sherd	1		brown glaze
Yo	415	802	6		surface/ plowzone			Other bottle (misc.)	base and body fragments	2		colorless, larger shard is embossed with "ILE" or "TLE"
Yo	415	802	7		surface/ plowzone			Screws	ferrous metal	1	1	fragment
Yo	415	802	8		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	802	9		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	802	10		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	803	1		surface/ plowzone			Other bottle (misc.)	body fragment	1		colorless

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	803	2		surface/ plowzone			Other bottle (misc.)	base fragment	1		amber, embossed with "0"
Yo	415	803	3		surface/ plowzone			Other bottle (misc.)	body fragment	1		amber
Yo	415	803	4		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	803	5		surface/ plowzone			Other vessel	glass body fragments	3		colorless
Yo	415	803	6		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	804	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	805	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	805	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	805	3		surface/ plowzone			Plain/glazed redware	handle sherd	1		exterior dark brown glaze with interior red glaze
Yo	415	805	4		surface/ plowzone			Modern ammunition	.22 caliber bullet	1	1	impacted
Yo	415	805	5		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		Flat button with alpha shank, floral decoration on face
Yo	415	806	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	806	2		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		complete
Yo	415	806	3		surface/ plowzone			.66-.72 caliber musket ball	lead .70 caliber	1		impacted
Yo	415	807	1		surface/ plowzone			Modern ammunition	lead .32 caliber bullet	1		complete
Yo	415	808	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	809	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		interior brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	809	2		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	809	3		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	809	4		surface/ plowzone			Cut nails	ferrous metal	1		shaft fragment
Yo	415	810	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	810	2		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	shaft fragment
Yo	415	811	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	wing nut
Yo	415	811	2		surface/ plowzone			Chain	ferrous metal	1	1	link fragment
Yo	415	811	3		surface/ plowzone			Biface	quartz	1		fragment
Yo	415	811	4		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		flat with alpha shank
Yo	415	812	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	813	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	square bolt
Yo	415	814	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	815	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	816	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	816	2		surface/ plowzone			Other vessel glass (dish, cruet, vial, etc.)	rim fragment	1		blue rim with spike features
Yo	415	816	3		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	817	1		surface/ plowzone			Plain pearlware	base sherd	1		
Yo	415	817	2		surface/ plowzone			Plain pearlware	body sherd	1		

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	817	3		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	817	4		surface/ plowzone			Farm equipment/ machinery	ferrous metal o-ring	1	1	complete
Yo	415	818	1		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	vinyl record	1	1	fragment
Yo	415	818	2		surface/ plowzone			Plain/glazed redware	rim sherd	1		brown lead glaze
Yo	415	818	3		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	vinyl record	1	1	fragment
Yo	415	818	4		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	vinyl record	1	1	fragment
Yo	415	818	5		surface/ plowzone			Transfer printed hardwhite earthenwares	body sherd	1		blue transfer print decoration
Yo	415	818	6		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	vinyl record	1	1	fragment
Yo	415	819	1		surface/ plowzone			Side Scraper	quartz	1		biface side scraper
Yo	415	820	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	821	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		unglazed
Yo	415	821	2		surface/ plowzone			Cut nails	ferrous metal	1		complete
Yo	415	821	3		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	822	1		surface/ plowzone			Buckles	non ferrous metal	1		curved square buckle with tounge
Yo	415	823	1		surface/ plowzone			Historic animal bone	fragments	3	3	unmodified
Yo	415	823	2		surface/ plowzone			.66-.72 caliber musket ball	lead .70 caliber	1		impacted

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	824	1		surface/ plowzone			Furniture parts (drawer pulls, hinges, escutcheons, etc.)	non-ferrous metal bracket	1		decorative fragment
Yo	415	824	2		surface/ plowzone			Coins	Indian head penny	1		date is illegible
Yo	415	825	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	825	2		surface/ plowzone			Animal tack	horseshoe	1	1	fragment
Yo	415	825	3		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	826	1		surface/ plowzone			Other bottle (misc.)	base fragment	1		colorless, embossed with "L / S"
Yo	415	826	2		surface/ plowzone			Miscellaneous metal	non-ferrous metal	1	1	bent fragment
Yo	415	827	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown lead glaze
Yo	415	828	1		surface/ plowzone			Miscellaneous metal	copper alloy	1		convex and circular with hole punch
Yo	415	829	1		surface/ plowzone			Plain/glazed redware	body	1		unglazed
Yo	415	830	1		surface/ plowzone			Locks, latches, keys, hasps, hooks, eyes	ferrous metal	1	1	heavily corroded fragment
Yo	415	830	2		surface/ plowzone			Window glass	fragment	1		colorless
Yo	415	831	1		surface/ plowzone			Side Scraper	quartz	1		ovate biface side scraper
Yo	415	833	1		surface/ plowzone			Cut nails	ferrous metal	1		complete
Yo	415	833	2		surface/ plowzone			Other decorated pearlwares (hand-painted)	body sherd	1		interior black glaze
Yo	415	833	3		surface/ plowzone			Albany slip (dark brown) on American stoneware	body sherd	1		interior albany slip decoration

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	833	4		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		Missing shank, features a shield and eagle in the center with "STATE / OF / PENNSYLVANIA" along the edges
Yo	415	834	1		surface/ plowzone			Shell-edged pearlware (blue, green, red)	body sherd	1		green shell-edge decoration
Yo	415	835	1		surface/ plowzone			Plain hardwhite earthenware	base sherd	1		
Yo	415	835	2		surface/ plowzone			Wire nails	ferrous metal	1	1	bentfragment
Yo	415	836	1		surface/ plowzone			Albany slip (dark brown) on American stoneware	body sherd	1		interior albany slip decoration
Yo	415	837	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	837	2		surface/ plowzone			Modern ammunition	.38 caliber bullet	1	1	complete
Yo	415	838	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		black glaze
Yo	415	838	2		surface/ plowzone			Spoons	copper	1		missing handle
Yo	415	839	1		surface/ plowzone			Other utensil (handle, etc.)	copper	1		flat handle fragment
Yo	415	840	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	841	1		surface/ plowzone			Modern ammunition	.32 caliber bullet	1		complete
Yo	415	842	1		surface/ plowzone			Modern ammunition	bullet	1		impacted
Yo	415	843	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	bolt and washer set into metal plate, possible animal tack
Yo	415	844	1		surface/ plowzone			.25-.44 caliber buckshot	lead .40 caliber	1		impacted

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	845	1		surface/ plowzone			Chopper	quartz	1		biface chopper
Yo	415	846	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	complete washer
Yo	415	847	1		surface/ plowzone			Side scraper	quartz	1		ovate uniface side scraper
Yo	415	847	2		surface/ plowzone			Historic animal bone	calcified vertibre	1	1	unmodified fragment
Yo	415	848	1		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	heavily corroded circular fragment, possible lock
Yo	415	848	2		surface/ plowzone			Farm equipment/ machinery	ferrous metal o-ring	1	1	complete
Yo	415	849	1		surface/ plowzone			Side scraper	quartz	1		biface side scraper
Yo	415	850	1		surface/ plowzone			Quartz chipping debris	quartz	1		primary flake
Yo	415	850	2		surface/ plowzone			Modern ammunition	lead .22 caliber bullet	1		impacted
Yo	415	851	1		surface/ plowzone			Chopper	quartz	1		biface chopper
Yo	415	852	1		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		complete
Yo	415	852	2		surface/ plowzone			Plain creamware	body sherd	1		
Yo	415	853	1		surface/ plowzone			Other decorated hardwhite earthenwares (hand-painted)	body sherd	1		exterior gray glaze with molded decoration
Yo	415	853	2		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	854	1		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		flat with partial shank and stamped looped decoration
Yo	415	855	1		surface/ plowzone			Slag	ferrous metal	1	1	fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	856	1		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		flat with omega shank
Yo	415	857	1		surface/ plowzone			Buckles	copper stock buckle	1		fragment with prongs and bar
Yo	415	858	1		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	859	1		surface/ plowzone			Modern ammunition	shotgun shell	1	1	fragment
Yo	415	860	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	860	2		surface/ plowzone			Cut nails	ferrous metal	1		intact head and shaft
Yo	415	861	1		surface/ plowzone			Side scraper	quartz	1		uniface side scraper
Yo	415	861	2		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		complete
Yo	415	861	3		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non-ferrous metal	1		flat button, missing shank
Yo	415	861	4		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	862	1		surface/ plowzone			Side scraper	quartz	1		uniface side scraper
Yo	415	862	2		surface/ plowzone			Cut nails	ferrous metal	1		partial head and shaft
Yo	415	863	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	bolt
Yo	415	863	2		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	rod fragment
Yo	415	864	1		surface/ plowzone			Side scraper	quartz	1		uniface side scraper
Yo	415	864	2		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	864	3		surface/ plowzone			Farm equipment/ machinery	ferrous metal hitch	1	1	complete
Yo	415	865	1		surface/ plowzone			Miscellaneous metal	ferrous metal clip	1	1	fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	866	1		surface/ plowzone			Other projectile point	quartz	1		biface fragment, base missing
Yo	415	866	2		surface/ plowzone			Cut nails	ferrous metal	1		complete
Yo	415	867	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	867	2		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		fragment
Yo	415	868	1		surface/ plowzone			.66-.72 caliber musket ball	lead .68 caliber	1		impacted
Yo	415	868	2		surface/ plowzone			.66-.72 caliber musket ball	lead .66 caliber	1		impacted
Yo	415	869	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	869	2		surface/ plowzone			Cut nails	ferrous metal	1		partial head and shaft
Yo	415	869	3		surface/ plowzone			Miscellaneous metal	copper	1		bent fragment
Yo	415	870	1		surface/ plowzone			Other bottle (misc.)	neck fragment	1		olive green with mold seam
Yo	415	871	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		brown glaze
Yo	415	872	1		surface/ plowzone			Other jewelry	ferrous metal decorative pin	1		crushed shank with organic material
Yo	415	872	2		surface/ plowzone			Coins	quarter dollar	1		date reads "1898"
Yo	415	873	1		surface/ plowzone			Other decorated hardwhite earthenwares (hand-painted)	rim sherd	1		blue and yellow dot decoration
Yo	415	874	1		surface/ plowzone			Historic animal bone	mammal scapula	1		butcherd fragment
Yo	415	874	2		surface/ plowzone			.58-.64 caliber musket ball	lead .60 caliber	1		complete
Yo	415	875	1		surface/ plowzone			Animal tack	horseshoe	1	1	fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	876	1		surface/ plowzone			Chain	non ferrous metal	1	1	
Yo	415	877	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		interior black glaze
Yo	415	878	1		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	878	2		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	878	3		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non ferrous metal	1		flat with partial circular shank
Yo	415	879	1		surface/ plowzone			Wire nails	ferrous metal	1	1	complete
Yo	415	879	2		surface/ plowzone			Wire nails	ferrous metal	1	1	Bent shank, missing head
Yo	415	879	3		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non ferrous metal	1		flat button with alpha shank, back reads "Imperial / Orange / Gilt"
Yo	415	880	1		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		fragment
Yo	415	880	2		surface/ plowzone			Coins	copper alloy	1		no legible markings
Yo	415	881	1		surface/ plowzone			Coins	copper alloy	1		laurel wreaths and "one cent" on reverse, dates from late 18th to early 19th century
Yo	415	881	2		surface/ plowzone			.47-.56 caliber musket ball	lead .55 caliber	1		complete
Yo	415	882	1		surface/ plowzone			Animal tack	horseshoe	1	1	fragment
Yo	415	883	1		surface/ plowzone			Wrought nails	ferrous metal	1		intact head, partial shank
Yo	415	883	2		surface/ plowzone			Coins	Indian head penny	1		date reads "1914"
Yo	415	883	3		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non ferrous metal	1		circular with broken face, base of shank visible

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	884	1		surface/ plowzone			Modern ammunition	lead .40 caliber bullet	1	1	complete
Yo	415	884	2		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	square bolt
Yo	415	885	1		surface/ plowzone			Window glass	fragment	1		colorless
Yo	415	885	2		surface/ plowzone			Farm equipment/ machinery	ferrous metal hitch	1	1	complete
Yo	415	886	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	rectangular washer
Yo	415	887	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	887	2		surface/ plowzone			Coins	Lincoln wheat penny	1		"ONE CENT / UNITED STATES / OF AMERICA" visible on reverse
Yo	415	888	1		surface/ plowzone			Cut nails	ferrous metal	1		complete with no corrosion
Yo	415	889	1		surface/ plowzone			Other bottle (misc.)	body fragment	1		olive green
Yo	415	890	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	890	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	890	3		surface/ plowzone			Other decorated hardwhite earthenwares (hand-painted)	body sherd	1		hand-painted green and blue floral decoration
Yo	415	891	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	892	1		surface/ plowzone			Plain hardwhite earthenware	rim sherd	1		
Yo	415	892	2		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	892	3		surface/ plowzone			Plain hardwhite earthenware	base sherd	1		

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	892	4		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	892	5		surface/ plowzone			Coins	copper alloy	1		laurel wreaths and "one cent" on reverse, dates from late 18th to early 19th century
Yo	415	892	6		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	complete bolt
Yo	415	894	1		surface/ plowzone			Side Scraper	quartz	1		ovate uniface side scraper
Yo	415	895	1		surface/ plowzone			Window glass	fragment	1		colorless
Yo	415	895	2		surface/ plowzone			Decorated redware	rim sherd	1		yellow slip decoration
Yo	415	895	3		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	896	1		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	896	2		surface/ plowzone			Cut nails	ferrous metal	1		complete with no corrosion
Yo	415	896	3		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	897	1		surface/ plowzone			Contracting stem point	quartz	1		missing tip with oxidized inclusions
Yo	415	898	1		surface/ plowzone			Transfer printed pearlware	body sherd	1		purple transfer print floral decoration
Yo	415	899	1		surface/ plowzone			Buckles	ferrous metal	1		square buckle, missing tongue
Yo	415	900	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	complete
Yo	415	901	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	902	1		surface/ plowzone			Animal tack	horseshoe	1	1	fragment
Yo	415	902	2		surface/ plowzone			Farm equipment/ machinery	ferrous metal hitch	1	1	complete

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	903	1		surface/ plowzone			.25-.44 caliber buckshot	lead .40 caliber	1	1	complete
Yo	415	904	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	904	2		surface/ plowzone			.25-.44 caliber buckshot	lead .27 caliber	1	1	complete
Yo	415	905	1		surface/ plowzone			.25-.44 caliber buckshot	lead .35 caliber	1	1	impacted
Yo	415	906	1		surface/ plowzone			Wagon/buggy parts	brass rumbler bell	1		complete sleighbell, dates to late 18th centruy
Yo	415	907	1		surface/ plowzone			Other bottle (misc.)	body fragment	1		colorless
Yo	415	907	2		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	907	3		surface/ plowzone			Modern ammunition	lead .40 caliber bullet	1	1	complete
Yo	415	908	1		surface/ plowzone			Other decorated hardwhite earthenwares (hand-painted)	body sherd	1		hand-painted green and brown floral decoration
Yo	415	909	1		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	909	2		surface/ plowzone			.47-.56 caliber musket ball	lead	1		impacted
Yo	415	910	1		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	910	2		surface/ plowzone			Plain/glazed redware	rim sherd	1		interior dark brown glaze with exterior gray slip
Yo	415	910	3		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	910	4		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	910	5		surface/ plowzone			Plain creamware	rim sherd	1		

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	911	1		surface/ plowzone			Plain/glazed redware	body sherd	1		interior dark brown glaze with exterior gray slip
Yo	415	912	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	912	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	912	3		surface/ plowzone			Window glass	fragment	1		frosted colorless fragment
Yo	415	912	4		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	913	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	913	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	914	1		surface/ plowzone			Historic animal bone	long bone fragment	1	1	unmodified
Yo	415	915	1		surface/ plowzone			Corner-notched point	quartz	1		missing tip with partial base
Yo	415	915	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	916	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	916	2		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	shaft fragment
Yo	415	916	3		surface/ plowzone			Cut nails	ferrous metal	1		shaft fragment
Yo	415	917	1		surface/ plowzone			Side-notched point	quartz	1		complete
Yo	415	918	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	919	1		surface/ plowzone			Miscellaneous historic leather	fragment	1		includes rivet marks
Yo	415	919	2		surface/ plowzone			Plain/glazed redware	rim sherd	1		brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	920	1		surface/ plowzone			Cut nails	ferrous metal	1		bent with complete head and partial shank
Yo	415	920	2		surface/ plowzone			Plain/glazed redware	body sherd	1		black and brown glaze
Yo	415	920	3		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	921	1		surface/ plowzone			Cut nails	ferrous metal	1		shaft fragment
Yo	415	922	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	923	1		surface/ plowzone			Westerwald stoneware	body sherd	1		gray salt glaze with blue and purple decoration
Yo	415	924	1		surface/ plowzone			Roofing materials (clay tiles, asphalt shingles, slate, etc.)	slate	1		fragment with nail hole
Yo	415	925	1		surface/ plowzone			Side Scraper	quartz	1		ovate fragment
Yo	415	926	1		surface/ plowzone			.47-.56 caliber musket ball	lead .51 caliber	1		impacted
Yo	415	927	1		surface/ plowzone			Plain/glazed redware	body sherd	1		black and brown mottled glaze
Yo	415	928	1		surface/ plowzone			.25-.44 caliber buckshot	lead .35 caliber	1	1	complete
Yo	415	928	2		surface/ plowzone			.25-.44 caliber buckshot	lead .39 caliber	1	1	complete
Yo	415	929	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	929	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	929	3		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	929	4		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	929	5		surface/ plowzone			.25-.44 caliber buckshot	lead .39 caliber	1	1	complete
Yo	415	930	1		surface/ plowzone			Other bottle (misc.)	fragment	1		aqua with embossed lettering
Yo	415	930	2		surface/ plowzone			Modern ammunition	lead .35 caliber bullet	1	1	complete
Yo	415	931	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	931	2		surface/ plowzone			Animal tack	horseshoe	1	1	fragment
Yo	415	932	1		surface/ plowzone			Knife	non ferrous metal	1		bent blade fragment
Yo	415	932	2		surface/ plowzone			Other jewelry	non ferrous metal locket	1		heart-shaped fragment with engraved decoration
Yo	415	932	3		surface/ plowzone			Coins	copper alloy	1		Illegible
Yo	415	933	1		surface/ plowzone			Hooks, eyes; other fasteners	copper alloy clip	1		complete
Yo	415	934	1		surface/ plowzone			Roofing materials (clay tiles, asphalt shingles, slate, etc.)	slate	1		fragment with nail hole
Yo	415	935	1		surface/ plowzone			Decorated redware	rim sherd	1		yellow slip decoration
Yo	415	936	1		surface/ plowzone			Side Scraper	quartz	1		ovate fragment
Yo	415	937	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	937	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	937	3		surface/ plowzone			Decorated redware	rim sherd	1		light brown glaze with yellow slip decoration
Yo	415	938	1		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	plastic	1		complete with four holes

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	938	2		surface/ plowzone			Medicine bottle (free-blown vial, mold-blown, machine-made)		1		aqua finish fragment
Yo	415	938	3		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	939	1		surface/ plowzone			Other jewelry	copper alloy bracelet tag	1		ovate with perforated ends, includes cross-hatch decoration along it's edge
Yo	415	939	2		surface/ plowzone			Farm equipment/ machinery	ferrous metal hitch	1	1	fragment
Yo	415	940	1		surface/ plowzone			Wire nails	ferrous metal	1	1	shaft fragment
Yo	415	941	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	941	2		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	square nut
Yo	415	941	3		surface/ plowzone			Animal tack	horseshoe	1	1	fragment
Yo	415	941	4		surface/ plowzone			.25-.44 caliber buckshot	lead .40 caliber	1	1	complete
Yo	415	942	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	942	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	942	3		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	943	1		surface/ plowzone			Historic animal bone	long bone fragment	1	1	unmodified
Yo	415	943	2		surface/ plowzone			Historic animal bone	mammal fragments	3	3	unmodified
Yo	415	943	3		surface/ plowzone			Animal tack	horseshoe	1	1	fragment
Yo	415	944	1		surface/ plowzone			Historic animal bone	long bone fragment	1	1	unmodified

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	944	2		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	945	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	946	1		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	946	2		surface/ plowzone			Historic animal bone	fragment	1		modified, possible button
Yo	415	947	1		surface/ plowzone			Miscellaneous metal	non ferrous metal	1	1	fragment
Yo	415	947	2		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	nut with partial bolt
Yo	415	947	3		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	complete washer
Yo	415	947	4		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	shank fragment
Yo	415	947	5		surface/ plowzone			Modern ammunition	copper alloy blasting cap	1	1	fired fragment
Yo	415	948	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	948	2		surface/ plowzone			Decorated redware	rim sherd	1		yellow slip decoration
Yo	415	948	3		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	948	4		surface/ plowzone			Cut nails	ferrous metal	1		bent
Yo	415	949	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	949	2		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	copper alloy	1		flat with alpha shank
Yo	415	949	3		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	round nut
Yo	415	949	4		surface/ plowzone			Chain	ferrous metal	2	2	chain link fragments
Yo	415	949	5		surface/ plowzone			Modern ammunition	.32 caliber bullet	1	1	complete

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	950	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	950	2		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	951	1		surface/ plowzone			Other decorated hardwhite earthenwares (hand-painted)	body sherd	1		light blue factory slip decoration
Yo	415	951	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	951	3		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	951	4		surface/ plowzone			Plain/glazed redware	body sherd	1		black glaze
Yo	415	951	5		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	952	1		surface/ plowzone			Modern ammunition	.55 caliber bullet	1	1	complete
Yo	415	953	1		surface/ plowzone			Other tools (iron bar stock, etc.)	copper alloy pulley	1		complete with peg base
Yo	415	954	1		surface/ plowzone			Wire nails	ferrous metal	1	1	shaft fragment
Yo	415	954	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	954	3		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	955	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	955	2		surface/ plowzone			Miscellaneous metal	non ferrous metal	1	1	circular fragment
Yo	415	956	1		surface/ plowzone			Transfer printed hardwhite earthenwares	body sherd	1		red transfer print pastoral decoration
Yo	415	956	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	956	3		surface/ plowzone			Plain pearlware	body sherd	1		

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	957	1		surface/ plowzone			Automotive parts	spark plug	1	1	fragment
Yo	415	958	1		surface/ plowzone			Quartz chipping debris	quartz	1		secondary flake
Yo	415	959	1		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	959	2		surface/ plowzone			.58-.64 caliber musket ball	lead .63 caliber	1		complete
Yo	415	960	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		light brown glaze
Yo	415	960	2		surface/ plowzone			Coins	copper alloy	1		laurel wreaths and "one cent" on reverse, dates from late 18th to early 19th century
Yo	415	961	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	961	2		surface/ plowzone			Coins	copper alloy	1		illegible with scratches on one face
Yo	415	962	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	963	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	963	2		surface/ plowzone			Plain hardwhite earthenware	rim sherd	1		
Yo	415	963	3		surface/ plowzone			Other bottle (misc.)	body fragment	1		colorless
Yo	415	963	4		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	963	5		surface/ plowzone			Decorated redware	rim sherd	1		brown glaze with yellow slip decoration
Yo	415	963	6		surface/ plowzone			Farm equipment/ machinery	ferrous metal pulley	1	1	complete
Yo	415	963	7		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	964	1		surface/ plowzone			Plain hardwhite earthenware	rim sherd	1		

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	964	2		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	964	3		surface/ plowzone			Tin cans	aluminum	1	1	fragment stamped with "to open pry out ca"
Yo	415	965	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	965	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	966	1		surface/ plowzone			Plain/glazed redware	body sherd	1		body sherd with red glaze
Yo	415	966	2		surface/ plowzone			Historic animal bone	mammal fragments	3	3	unmodified
Yo	415	966	3		surface/ plowzone			Plain hardwhite earthenware	rim sherd	1		molded decoration
Yo	415	966	4		surface/ plowzone			Buckles	ferrous metal	1		square shoe buckle
Yo	415	967	1		surface/ plowzone			Plain/glazed redware	body sherd	1		black glaze
Yo	415	967	2		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	washer fragment
Yo	415	968	1		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	968	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	968	3		surface/ plowzone			Cut nails	ferrous metal	1		fragment with head and shank
Yo	415	968	4		surface/ plowzone			Other bottle (misc.)	body fragment	1		aqua
Yo	415	968	5		surface/ plowzone			Modern ammunition	.22 caliber casing	1	1	complete
Yo	415	968	6		surface/ plowzone			Other wire (springs, etc.)	ferrous metal wire ring	1	1	fragment
Yo	415	968	7		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	968	8		surface/ plowzone			Miscellaneous metal	copper alloy tag	1	1	fragment
Yo	415	969	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	969	2		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	969	3		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	969	4		surface/ plowzone			Plain/glazed redware	base sherd	1		dark brown glaze
Yo	415	969	5		surface/ plowzone			Miscellaneous metal	non ferrous metal	1	1	hardware fragment
Yo	415	970	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	970	2		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	970	3		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	970	4		surface/ plowzone			Other wire (springs, etc.)	ferrous metal wire ring	1	1	fragment
Yo	415	971	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	complete washer
Yo	415	971	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	971	3		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non ferrous metal	1		flat button with complete drilled eye shaft
Yo	415	972	1		surface/ plowzone			Side Scraper	quartz	1		possible reworked point
Yo	415	972	2		surface/ plowzone			Buckles	silver painted ferrous metal	1		fragment with carved decoration, mends with 36Yo415/972.3
Yo	415	972	3		surface/ plowzone			Buckles	silver painted ferrous metal	1		fragment with carved decoration, mends with 36Yo415/972.2

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	973	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	973	2		surface/ plowzone			Wire nails	ferrous metal	1	1	complete
Yo	415	974	1		surface/ plowzone			Tacks (iron or brass)	copper alloy	1		complete thumb tack
Yo	415	975	1		surface/ plowzone			Plain/glazed redware	base sherd	1		dark brown glaze
Yo	415	975	2		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	976	1		surface/ plowzone			Albany slip (dark brown) on American stoneware	body sherd	1		interior albany slip decoration
Yo	415	977	1		surface/ plowzone			Slag	glass slag	1		dark olive green fragment
Yo	415	977	2		surface/ plowzone			Chain	ferrous metal	1	1	link fragment
Yo	415	977	3		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	copper alloy	1		"Double Gilt" stamped on reverse
Yo	415	978	1		surface/ plowzone			Plain/glazed redware	body sherd	1		red glaze
Yo	415	978	2		surface/ plowzone			Modern ammunition	.22 caliber bullet	1	1	impacted
Yo	415	978	3		surface/ plowzone			Coins	Lincoln penny	1		date reads "1965"
Yo	415	979	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		deteriorated glaze
Yo	415	979	2		surface/ plowzone			Side Scraper	quartz	1		uniface, possible blade
Yo	415	979	3		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	979	4		surface/ plowzone			Bolts, nuts, washers	copper alloy	1	1	threaded washer, possible gasket
Yo	415	980	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		light brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	980	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	980	3		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		Intact with leather fragment
Yo	415	980	4		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	copper alloy	1		flat with intact alpha shank
Yo	415	981	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		dark brown glaze
Yo	415	981	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	981	3		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	981	4		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	981	5		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	982	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	982	2		surface/ plowzone			Straight stem point	rhyolite	1		complete
Yo	415	982	3		surface/ plowzone			Modern ammunition	.40 caliber bullet	1	1	impacted
Yo	415	982	4		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	cap fragment
Yo	415	982	5		surface/ plowzone			Coins	copper alloy	1		illegible
Yo	415	983	1		surface/ plowzone			Other bottle (misc.)	body fragment	1		olive green
Yo	415	983	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	983	3		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	983	4		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	983	5		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	983	6		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	7		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	8		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	9		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	10		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	983	11		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	12		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	13		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	983	14		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	983	15		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	983	16		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	983	17		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	983	18		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	19		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	20		surface/ plowzone			Plain/glazed redware	rim sherd	1		brown glaze
Yo	415	983	21		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	983	22		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	983	23		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		complete

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	983	24		surface/ plowzone			Annular-style pearlware	rim sherd	1		factory blue slip decoration along rim
Yo	415	984	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	984	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	984	3		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	984	4		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	984	5		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	984	6		surface/ plowzone			Plain/glazed redware	rim sherd	1		brown glaze
Yo	415	984	7		surface/ plowzone			Cut nails	ferrous metal	1		fragment
Yo	415	984	8		surface/ plowzone			Lead sprue and waste	fragment	1		
Yo	415	984	9		surface/ plowzone			Wrought nails	ferrous metal	1		intact head and shank
Yo	415	985	1		surface/ plowzone			Plain/glazed redware	body sherds	2		brown glaze
Yo	415	985	2		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	clay pigeon body sherd	1		black
Yo	415	985	3		surface/ plowzone			Side Scraper	quartz	1		ovate uniface
Yo	415	985	4		surface/ plowzone			Yellow ware	body sherd	1		
Yo	415	985	5		surface/ plowzone			Modern ammunition	shotgun shell	1	1	fragment
Yo	415	985	6		surface/ plowzone			Wrought nails	ferrous metal	1		complete head with partial shaft
Yo	415	985	7		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		complete

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	985	8		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	985	9		surface/ plowzone			Plain/glazed redware	rim sherd	1		unglazed
Yo	415	986	1		surface/ plowzone			Wire nails	ferrous metal	1	1	bent shank, missing head
Yo	415	987	1		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	987	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	987	3		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	987	4		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	987	5		surface/ plowzone			Cut nails	ferrous metal	1		complete
Yo	415	988	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	988	2		surface/ plowzone			Plain/glazed redware	body sherd	1		body sherd with red glaze
Yo	415	988	3		surface/ plowzone			Plain/glazed redware	body sherd	1		body sherd with dark brown glaze
Yo	415	988	4		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	988	5		surface/ plowzone			Other wire (springs, etc.)	ferrous metal	1	1	fragment
Yo	415	988	6		surface/ plowzone			.25-.44 caliber buckshot	lead .39 caliber	1	1	complete
Yo	415	989	1		surface/ plowzone			Plain/glazed redware	body sherd	1		black glaze
Yo	415	989	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze with gray slip
Yo	415	989	3		surface/ plowzone			Screws	copper alloy	1	1	complete thumb screw
Yo	415	990	1		surface/ plowzone			Plain/glazed redware	body sherd	1		black glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	990	2		surface/ plowzone			Shell-edged pearlware (blue, green, red)	body sherd	1		blue shell-edged decoration
Yo	415	990	3		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	991	1		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	991	2		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	991	3		surface/ plowzone			Transfer printed hardwhite earthenwares	rim sherd	1		blue negative print decoration
Yo	415	991	4		surface/ plowzone			Window glass	fragment	1		colorless
Yo	415	991	5		surface/ plowzone			Plain/glazed redware	body sherds	2		unglazed, sherds mend
Yo	415	992	1		surface/ plowzone			Other bottle (misc.)	body fragment	1		colorless
Yo	415	992	2		surface/ plowzone			Other bottle (misc.)	body fragment	1		colorless
Yo	415	992	3		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	993	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	993	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	993	3		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	993	4		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	square nut
Yo	415	993	5		surface/ plowzone			Modern ammunition	brass .308 casing	1	1	fragment
Yo	415	993	6		surface/ plowzone			Modern ammunition	brass .308 casing	1	1	fragment
Yo	415	993	7		surface/ plowzone			Modern ammunition	shotgun shell	1	1	fragment
Yo	415	993	8		surface/ plowzone			Coins	copper alloy	1		illegible

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	994	1		surface/ plowzone			Modern ammunition	.22 caliber bullet	1	1	complete
Yo	415	994	2		surface/ plowzone			Modern ammunition	.22 caliber bullet	1	1	complete
Yo	415	995	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	995	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	995	3		surface/ plowzone			Coins	copper alloy	1		illegible
Yo	415	995	4		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	shaft fragment
Yo	415	996	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	997	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	997	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	997	3		surface/ plowzone			Buckles	non ferrous metal	1		square shoe buckle
Yo	415	998	1		surface/ plowzone			Other projectile point	quartz	1		ovate fragment
Yo	415	999	1		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	999	2		surface/ plowzone			Quartz chipping debris	quartz	1		secondary flake
Yo	415	999	3		surface/ plowzone			Modern ammunition	ferrous metal arrow	1	1	fragment
Yo	415	999	4		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non ferrous metal	1		concave with partial shank
Yo	415	999	5		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	1000	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1000	2		surface/ plowzone			Plain/glazed redware	body sherd	1		black glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	1000	3		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	1000	4		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	1000	5		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1000	6		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1000	7		surface/ plowzone			Coins	Lincoln penny	1		date reads "1946"
Yo	415	1001	1		surface/ plowzone			Decal decorated hardwhite earthenware	rim sherd	1		black and blue factory slip decoration
Yo	415	1001	2		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1001	3		surface/ plowzone			Side Scraper	quartz	1		biface
Yo	415	1001	4		surface/ plowzone			Buttons (glass, bone, metal, plastic, shell)	non ferrous metal	1		flat button with partial cone shaped shaft
Yo	415	1001	5		surface/ plowzone			Miscellaneous metal	ferrous metal	1	1	fragment
Yo	415	1002	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1002	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown lead glaze
Yo	415	1002	3		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	1002	4		surface/ plowzone			Other projectile point	quartz	1		ovate fragment
Yo	415	1002	5		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1002	6		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	1002	7		surface/ plowzone			Hooks, eyes; other fasteners	leather rivet	1		complete
Yo	415	1003	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	1003	2		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	1003	3		surface/ plowzone			Quartz chipping debris	quartz	1		secondary flake
Yo	415	1003	4		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1003	5		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1003	6		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	shaft fragment
Yo	415	1003	7		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1003	8		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1003	9		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1003	10		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1003	11		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1003	12		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1003	13		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1003	14		surface/ plowzone			Plain/glazed redware	rim sherd	1		dark brown glaze
Yo	415	1003	15		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1003	16		surface/ plowzone			Plain/glazed redware	body sherd	2		brown glaze, sherds mend
Yo	415	1003	17		surface/ plowzone			.25-.44 caliber buckshot	lead .39 caliber	1	1	Impacted
Yo	415	1003	18		surface/ plowzone			Wrought nails	ferrous metal	1		intact head with partial shank

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	1004	1		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	clay pigeon body sherd	1		black
Yo	415	1004	2		surface/ plowzone			Wire nails	ferrous metal	1	1	bent fragment
Yo	415	1004	3		surface/ plowzone			Plain/glazed redware	base sherd	1		unglazed
Yo	415	1004	4		surface/ plowzone			Plain/glazed redware	body sherd	1		red glaze
Yo	415	1004	5		surface/ plowzone			Plain/glazed redware	rim sherd	1		brown glaze
Yo	415	1004	6		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	clay pigeon body sherd	1		black
Yo	415	1004	7		surface/ plowzone			Other recreation (book clasps and corners, clay pigeons, etc.)	clay pigeon body sherds	2		black
Yo	415	1004	8		surface/ plowzone			Animal tack	horseshoe	1	1	fragment
Yo	415	1004	9		surface/ plowzone			Plain/glazed redware	body sherd	1		black glaze
Yo	415	1005	1		surface/ plowzone			Plain/glazed redware	rim sherd	1		unglazed
Yo	415	1005	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1005	3		surface/ plowzone			Cut nails	ferrous metal	1		Intact head and shank
Yo	415	1005	4		surface/ plowzone			Plain pearlware	body sherd	1		
Yo	415	1006	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1006	2		surface/ plowzone			Brown/gray English stoneware	body sherd	1		gray salt glaze, possible westerwald
Yo	415	1006	3		surface/ plowzone			Wire nails	ferrous metal	1	1	bent fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	1006	4		surface/ plowzone			Cut nails	ferrous metal	1		shank fragment
Yo	415	1007	1		surface/ plowzone			Straight stem point	rhyolite	1		convex base, missing tip
Yo	415	1007	2		surface/ plowzone			Plain hardwhite earthenware	body sherd	1		
Yo	415	1007	3		surface/ plowzone			Coins	nickel	1		date reads "1946"
Yo	415	1007	4		surface/ plowzone			Wrought nails	ferrous metal	1		intact head with partial shank
Yo	415	1008	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	shaft fragment
Yo	415	1008	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	1008	3		surface/ plowzone			Quartz chipping debris	quartz	1		secondary flake
Yo	415	1009	1		surface/ plowzone			Plain/glazed redware	body sherd	1		light brown glaze
Yo	415	1009	2		surface/ plowzone			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	1009	3		surface/ plowzone			Cut nails	ferrous metal	1		intact head with partial shank
Yo	415	1009	4		surface/ plowzone			Coins	copper alloy	1		illegible
Yo	415	1009	5		surface/ plowzone			Plain/glazed redware	body sherd	1		exterior gray salt glaze with interior black glaze
Yo	415	1010	1		surface/ plowzone			Plain/glazed redware	body sherd	1		red glaze
Yo	415	1010	2		surface/ plowzone			Coins	copper alloy	1		illegible
Yo	415	1011	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1011	2		surface/ plowzone			Plain/glazed redware	body sherd	1		red glaze

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	1012	1		surface/ plowzone			Farm equipment/ machinery	ferrous metal	1	1	circular gear fragment
Yo	415	1013	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1013	2		surface/ plowzone			Locks, latches, keys, hasps, hooks, eyes	ferrous metal	1	1	modern latch
Yo	415	1013	3		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	1014	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	1014	2		surface/ plowzone			Cut nails	ferrous metal	1		shank fragment
Yo	415	1014	3		surface/ plowzone			Other wire (springs, etc.)	ferrous metal wire ring	1	1	fragment
Yo	415	1014	4		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment
Yo	415	1015	1		surface/ plowzone			Bolts, nuts, washers	ferrous metal	1	1	complete washer
Yo	415	1016	1		surface/ plowzone			Wrought nails	ferrous metal	1		intact head with partial shank
Yo	415	1017	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1017	2		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1017	3		surface/ plowzone			Modern ammunition	shotgun shell	1	1	fragment
Yo	415	1018	1		surface/ plowzone			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1019	1		surface/ plowzone			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1019	2		surface/ plowzone			Modern ammunition	.20 caliber bullet	1	1	complete
Yo	415	1019	4		surface/ plowzone			Farm equipment/ machinery	ferrous metal plow	1	1	fragment
Yo	415	1020	1		surface/ plowzone			Unidentifiable nails	ferrous metal	1	1	fragment

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	1021	1		surface/ plowzone			Cut nails	ferrous metal	1		bent shank fragment
Yo	415	1022		2	1A			Decal decorated hardwhite earthenware	body sherd	1		light blue factory slip decoration
Yo	415	1022		2	1A			Plain hardwhite earthenware	body sherd	1		
Yo	415	1022		2	1A			Plain/glazed redware	body sherds	13		unglazed, brown glaze, and light brown glaze
Yo	415	1022		2	1A			Side Scraper	quartz	1		ovate fragment
Yo	415	1022		2	1A			Window glass	fragment	1		colorless
Yo	415	1023		2	1B			Plain hardwhite earthenware	body sherd	1		molded decoration
Yo	415	1023		2	1B			Plain/glazed redware	body sherds	4		unglazed and brown glaze
Yo	415	1024		3	1A			Decal decorated hardwhite earthenware	body sherd	1		light blue factory slip decoration
Yo	415	1024		3	1A			Plain/glazed redware	body sherds	3		unglazed and brown glaze
Yo	415	1025		4	1A			Decal decorated hardwhite earthenware	rim sherd	1		blue factory slip decoration, sherd is burnt
Yo	415	1025		4	1A			Plain/glazed redware	body sherds	10		unglazed and dark brown glaze
Yo	415	1025		4	1A			Quartz chipping debris	quartz	1		secondary flake
Yo	415	1025		4	1A			Side Scraper	quartz	1		ovate biface fragment
Yo	415	1026		4	1B			Plain/glazed redware	body sherds	6		unglazed and dark brown glaze
Yo	415	1027		5	1A			Other recreation (book clasps and corners, clay pigeons, etc.)	clay pigeon body sherd	1		black
Yo	415	1028		5	1B			Plain/glazed redware	body sherds	2		unglazed and brown glaze
Yo	415	1028		5	1B			Window glass	fragment	1		colorless

County	Site No.	Cat. No.	Spec. No.	Excavation Unit	Unit Section	Site level	Feat. No.	Artifact Description	Traits	Quantity	Quantity Discarded	Comments
Yo	415	1029		6	1A			Plain/glazed redware	body sherds	12		unglazed, brown glaze, and light brown glaze
Yo	415	1029		6	1A			Transfer printed hardwhite earthenwares	rim sherd	1		blue transfer print decoration, scalloped rim
Yo	415	1030		6	1B			Other recreation (book clasps and corners, clay pigeons, etc.)	clay pigeon body sherd	1		black
Yo	415	1030		6	1B			Plain/glazed redware	body sherds	6		unglazed and brown glaze
Yo	415	1030		6	1B			Window glass	fragment	1		colorless
Yo	415	1031		7	1A			Plain/glazed redware	body sherd	1		brown glaze
Yo	415	1032		8	1A			Plain hardwhite earthenware	body sherd	1		
Yo	415	1032		8	1A			Plain/glazed redware	body sherds	7		unglazed and brown glaze
Yo	415	1032		8	1A			Window glass	fragment	1		colorless
Yo	415	1033		8	1B			Plain/glazed redware	body sherd	1		dark brown glaze
Yo	415	1033		8	1B			Quartz chipping debris	quartz	2		secondary flake
Yo	415	1034		9	1B			Plain/glazed redware	body sherds	2		black and dark brown glaze
Yo	415	1035		10	1A			Plain/glazed redware	body sherds	6		unglazed and brown glaze
Yo	415	1036		10	1B			Plain/glazed redware	body sherd	1		unglazed
Yo	415	1037			1A			Plain/glazed redware	body sherds	3		unglazed and black glaze
Yo	415	1038			1B			Plain/glazed redware	body sherd	1		unglazed