



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18DO82

Site Name: Wilke III

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

late 19th and early 20th century house site

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 3

SCS soil & sediment code TM

Latitude 38.1652

Longitude -76.0952

Physiographic province Eastern Shore Coastal P

Terrestrial site

Underwater site

Elevation 0-5 m

Site slope 0

Ethnobotany profile available

Maritime site

Site setting

-Site Setting restricted

-Lat/Long accurate to within 1 sq. mile, user may need to make slight adjustments in mapping to account for sites near state/county lines or streams

Topography

- Floodplain
- Hilltop/bluff
- Interior flat
- Upland flat
- Ridgetop
- Terrace
- Low terrace
- High terrace
- Rockshelter/cave
- Hillslope
- Unknown
- Other
- Shoreline

Ownership

- Private
- Federal
- State of MD
- Regional/county/city
- Unknown

Nearest Surface Water

Name (if any) Chesapeake Bay

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Minimum distance to water is

Freshwater

Stream/river

Swamp

Lake or pond

Spring

0 m

Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Archaic site

MD Adena

Early archaic

Early woodland

Middle archaic

Mid. woodland

Late archaic

Late woodland

Unknown prehistoric context

Contact period site

ca. 1820 - 1860

ca. 1630 - 1675

ca. 1860 - 1900

ca. 1675 - 1720

ca. 1900 - 1930

ca. 1720 - 1780

Post 1930

ca. 1780 - 1820

Unknown historic context

Unknown context

Ethnic Associations (historic only)

Native American

Asian American

African American

Unknown

Anglo-American

Other

Hispanic

Y=Confirmed, P=Possible

Site Function Contextual Data:

Prehistoric

Multi-component

Misc. ceremonial

Village

Rock art

Hamlet

Shell midden

Base camp

STU/lithic scatter

Rockshelter/cave

Quarry/extraction

Earthen mound

Fish weir

Cairn

Production area

Burial area

Unknown

Other context

Historic

Urban/Rural? Rural

Domestic

Homestead

Farmstead

Mansion

Plantation

Row/townhome

Cellar

Privy

Industrial

Mining-related

Quarry-related

Mill

Black/metalsmith

Furnace/forge

Other

Transportation

Canal-related

Road/railroad

Wharf/landing

Maritime-related

Bridge

Ford

Educational

Commercial

Trading post

Store

Tavern/inn

Military

Battlefield

Fortification

Encampment

Townsite

Religious

Church/mtg house

Ch support bldg

Burial area

Cemetery

Sepulchre

Isolated burial

Bldg or foundation

Possible Structure

Post-in-ground

Frame-built

Masonry

Other structure

Slave related

Non-domestic agri

Recreational

Midden/dump

Artifact scatter

Spring or well

Unknown

Other context

Interpretive Sampling Data:

Prehistoric context samples

Soil samples taken

Flotation samples taken

Other samples taken

Historic context samples

Soil samples taken N

Flotation samples taken N

Other samples taken



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18DO82

Site Name: Wilke III

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

late 19th and early 20th century house site

Diagnostic Artifact Data:

Projectile Point Types		Koens-Crispin	
Clovis	<input type="checkbox"/>	Perkiomen	<input type="checkbox"/>
Hardaway-Dalton	<input type="checkbox"/>	Susquehana	<input type="checkbox"/>
Palmer	<input type="checkbox"/>	Vernon	<input type="checkbox"/>
Kirk (notch)	<input type="checkbox"/>	Piscataway	<input type="checkbox"/>
Kirk (stem)	<input type="checkbox"/>	Calvert	<input type="checkbox"/>
Le Croy	<input type="checkbox"/>	Selby Bay	<input type="checkbox"/>
Morrow Mntn	<input type="checkbox"/>	Jacks Rf (notch)	<input type="checkbox"/>
Guilford	<input type="checkbox"/>	Jacks Rf (pent)	<input type="checkbox"/>
Brewerton	<input type="checkbox"/>	Madison/Potomac	<input type="checkbox"/>
Otter Creek	<input type="checkbox"/>	Levanna	<input type="checkbox"/>

Prehistoric Sherd Types			
Marcey Creek	<input type="checkbox"/>	Popes Creek	<input type="checkbox"/>
Dames Qtr	<input type="checkbox"/>	Coulbourn	<input type="checkbox"/>
Selden Island	<input type="checkbox"/>	Watson	<input type="checkbox"/>
Accokeek	<input type="checkbox"/>	Mockley	<input type="checkbox"/>
Wolfe Neck	<input type="checkbox"/>	Clemson Island	<input type="checkbox"/>
Vinette	<input type="checkbox"/>	Page	<input type="checkbox"/>
Shepard	<input type="checkbox"/>	Townsend	<input type="checkbox"/>
Keyser	<input type="checkbox"/>	Minguannan	<input type="checkbox"/>
Yeocomico	<input type="checkbox"/>	Sullivan Cove	<input type="checkbox"/>
Monongahela	<input type="checkbox"/>	Shenks Ferry	<input type="checkbox"/>
Susquehannock	<input type="checkbox"/>	Moyaone	<input type="checkbox"/>
		Potomac Crk	<input type="checkbox"/>

Historic Sherd Types		Ironstone		Staffordshire		Stoneware	
Earthenware		197					
Astbury	<input type="checkbox"/>	Jackfield	<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain	1	Nottingham	<input type="checkbox"/>
Creamware	<input type="checkbox"/>	Pearlware	39			Rhenish	<input type="checkbox"/>
						Wt Salt-glazed	<input type="checkbox"/>

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts		Other fired clay	
Flaked stone	2	Human remain(s)	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Unmod faunal	<input type="checkbox"/>
Fire-cracked rock	<input type="checkbox"/>	Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/>	Uncommon Obj.	<input type="checkbox"/>
Rimsherds	<input type="checkbox"/>	Other	<input type="checkbox"/>

Prehistoric Features	
Mound(s)	<input type="checkbox"/>
Midden	<input type="checkbox"/>
Shell midden	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>
House pattern(s)	<input type="checkbox"/>
Palisade(s)	<input type="checkbox"/>
Hearth(s)	<input type="checkbox"/>
Lithic reduc area	<input type="checkbox"/>
Storage/trash pit	<input type="checkbox"/>
Burial(s)	<input type="checkbox"/>
Ossuary	<input type="checkbox"/>
Unknown	<input type="checkbox"/>
Other	<input type="checkbox"/>

Lithic Material		Fer quartzite		Sil sandstone	
Jasper	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartz	<input type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Sandstone	<input type="checkbox"/>		<input type="checkbox"/>

Dated features present at site

Historic Artifacts		Tobacco related	
Pottery (all)	270	Activity item(s)	1
Glass (all)	825	Human remain(s)	<input type="checkbox"/>
Architectural	706	Faunal material	<input type="checkbox"/>
Furniture	1	Misc. kitchen	117
Arms	4	Floral material	<input type="checkbox"/>
Clothing	5	Misc.	362
Personal items	3	Other	<input type="checkbox"/>

Historic Features		Privy/outhouse		Depression/mound		Unknown	
Const feature	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>	Burial(s)	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>
Foundation	<input type="checkbox"/>	Trash pit/dump	<input checked="" type="checkbox"/>	Railroad bed	<input type="checkbox"/>	brick piers,brick floor	
Cellar hole/cellar	<input type="checkbox"/>	Sheet midden	<input type="checkbox"/>	Earthworks	<input type="checkbox"/>		
Hearth/chimney	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>	Mill raceway	<input type="checkbox"/>		
Postholes/molds	<input checked="" type="checkbox"/>	Road/walkway	<input type="checkbox"/>	Wheel pit	<input type="checkbox"/>		
Paling ditch/fence	<input type="checkbox"/>						

All quantities exact or estimated minimal counts

Radiocarbon Data:

Sample 1: +/- years BP Reliability Sample 2: +/- years BP Reliability Sample 3: +/- years BP Reliability

Sample 4: +/- years BP Reliability Sample 5: +/- years BP Reliability Sample 6: +/- years BP Reliability

Sample 7: +/- years BP Reliability Sample 8: +/- years BP Reliability Sample 9: +/- years BP Reliability

Additional radiocarbon results available



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18DO82

Site Name: Wilke III

Prehistoric

Other name(s)

Historic

Unknown

Brief

Description:

late 19th and early 20th century house site

External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

Summary Description:

The Wilke III Site (18DO82) is a mid-late 19th century house site. This site is located on the western part of Bloodsworth Island Naval Reservation (BINR) on Pone Island (the site is also referred to as the Pone Island Site) in Dorchester County, Maryland. Pone Island, like Bloodsworth Island proper, has a sufficiently low elevation so that most of the land area of the island is subject to periodic tidal flooding. As a consequence, salt marsh conditions prevail over nearly all of Pone Island. Along the shoreline are a series of ridges or hummocks of higher ground, which may be the remnants of a Pleistocene sand ridge or dune. These hummocks are not subject to periodic tidal flooding and support a vegetation cover similar to that of freshwater swamps. Site 18DO82 is situated in a densely wooded area on the southernmost of these hummocks. The hummock has a total land area of less than two acres, and is steadily eroding along its western side. Sea level rise is also causing the encroachment of the salt marsh that lies to the north, east, and south of the hummock. It can be presumed that the hummock has shrunk considerably in size over the last century. Numerous large (bomb) craters occur within the wooded area as the result of military/explosives activities in the area and unexploded ordinance was encountered within, and adjacent to, the site.

Three basic soil levels were identified at the site. The uppermost 1-10 cm consisted of a narrow band of medium to fine sand with a large amount of organic material and was dark brown in color (10YR 3/3). The level appeared to be of very recent formation and probably resulted from the reforestation of the site after human occupation ceased approximately a century ago. The level is totally absent from a few areas of the site where erosion has been especially severe in recent times. Below this is another layer of sand, which contains a smaller organic component, and ranges from dark yellowish-brown (10YR 4/4) to grayish-brown (10YR 5/2). This is presumably the parent material for the upper level soil and is chiefly distinguished from it by a lack of recent organic staining. This level varies significantly in thickness, up to 22 cm thick over some parts of the site to totally absent from other parts of the site. The lowest level is yellowish-brown (10YR 4/4) to dark yellowish-brown (10YR 5/4) in color, becoming progressively lighter as it gets deeper. This yellow-brown silty sand seems to be the basic material that forms the hummock upon which the site is located.

Phase I background and field research was conducted in 1980. Archival research revealed that 2 structures had at one time been situated on the site as indicated on the 1849 U.S. Coast Survey Topographic map as well as on 1901 and 1903 maps. However, no structures were depicted on the 1877 land ownership map except that a dwelling owned by a waterman named Mr. W. Parks located some 457 m (1500') south of the site likely coincides with the site. Field work consisted of surface inspection and the excavation of 2 test pits. No standing structures were located within the site area but a brick rubble pile was located. A 0.5 m² test pit (Test Pit B) was excavated within the limits of the rubble scatter and a 1 m² test pit (Test Pit A) was excavated on the edge of the rubble mound about 2 m to the east.

A total of 27 historic period artifacts were recovered during the Phase I testing. The only activity-related item was 1 possible lamp glass fragment. Architectural items included 3 fragments of window glass and 2 iron stakes. There was 1 clothing item, a Prosser-type white glass button. There were 18 kitchen-related items including 4 bottle glass fragments, 6 table glass fragments, 6 whiteware sherds, 1 red earthenware sherd, and 1 pearlware sherd. Two miscellaneous items were unidentifiable iron fragments.

Phase II investigations at 18DO82 were conducted in late 1981 by the Lower Delmarva Regional Center for Archaeology, Salisbury State College. First, a survey and surface collection of the site was conducted during which time a site datum and grid system were established. The locations of 122 brick fragments were recorded relative to the grid system (but the brick was not collected). Second, shovel test pits (STPs) were dug at 3.05 m (10') intervals over the site area. All the soil was screened through ¼" mesh and dug to sterile subsoil. Third, on the basis of information obtained from the STPs, 3 excavation units measuring 1.524 m² (5' x 5') were excavated in two areas of the site where in situ structural features had been found in shovel test pits, and 2 more units measuring 2.44 m X 0.914 m (8'X3') were laid out. The units were dug to explore the limits of the house structure and to test for cultural deposits both within and without the walls of the house. Based on the Phase II work, it was determined that all cultural materials visible on the surface were confined to an area of about 9.14 m X 10.66 m (30'X35') near the crest of the hummock and that most of the artifacts were concentrated on a low mound that measured about 3.04 m X 6.09 m (10'X20').

Subsurface testing revealed a number of features below the surface. During the excavation of Test Unit 1 (T 1) two features were identified. Feature T1/1 consisted of an L-shaped brick configuration that was encountered in the southwestern corner of the excavation unit. Feature T1/1 extended 1.28 m to the east then turned north and extended 0.914 m. Feature T1/2 was a less substantial brick and rubble feature that abutted the northern end of Feature T1/1. Feature T1/2 continued the line of Feature T1/1 for 0.46 m then turned into the west baulk of T 1. The archeologists suggested that Feature T1/2 was built after the construction of Feature T1/1. Within Test Unit 2 an area of brick paving was revealed. It measured approximately 1.15 m X 1.08 m and extends into the northern and eastern baulks of the test unit. Within Test Unit 3 (T 3), there was a brick feature which appeared to be the continuation of Feature T1/1. Also found in T 3 was a post mold measuring 40.8 cm in diameter. Another post mold was encountered in Test Unit 4 (T 4) and measured about 22.25 cm in diameter. The largest concentration of oyster shell from the site (29 whole and 13 fragments) was also located in T 4. Two features were identified in Test Unit 5 (T 5). Feature T5/1 appeared to be a continuation of the brick paving that was seen in T 3. Feature T5/2 was a brick pier with three courses of brick stacked together without mortar. It was estimated by the structural remains that the dwelling that at one time stood on the site measured approximately 3.35 m X 6.09+ m (11'X20'+) but the total length cannot be determined because of the apparent destruction to the southern end of the structure. It was probably a two story frame dwelling supported on brick piers and short wooden posts.

A total of 1,743 historic artifacts were collected during the Phase II study. There were 701 architectural items (531 window glass fragments and 170 cut nails). There were 4 clothing items (1 brass buckle, 2 ceramic buttons, and 1 brass button). There was 1 possible furniture item (a brass nail). There were 660 kitchen-related items (276 bottle glass fragments, including many pharmaceutical bottles, 5 shards of table glass, 38 pearlware sherds, 1 black luster ware sherd, 197 white ware/ironstone sherds, 1 Chinese porcelain sherd, 16 stoneware sherds, 9 glazed redware sherds, 1 bone knife handle, 1 clasp knife handle, 30 animal bone fragments, 80 whole and fragmentary oyster shells, 4 whole and fragmentary clam shells, and 1 crab claw fragment). There were 360 miscellaneous objects (unidentifiable iron fragments). There were 3 personal objects (1 glass bead, 1 glass jewelry inset, and 1 Indian Head penny, date unreadable). There were 12 tobacco-related items (clay pipe fragments). There were 2 arms-related items (1 modern rifle cartridge, 1 English gunflint).

Two prehistoric quartz flakes were also recovered from the site.

The Wilke III Site (18DO82) represents a 19th century dwelling as suggested by the artifact assemblage which dates the site's main period of occupation to ca. AD 1840-1880. Little archeological work has been done in the region on domestic sites associated with waterman. As one such site, the Wilke III site had

MARYLAND
HISTORICAL



TRUST

Phase II and Phase III Archaeological Database and Inventory

Site Number: 18DO82

Site Name: Wilke III

Prehistoric

Other name(s)

Historic

Brief

Description:

late 19th and early 20th century house site

Unknown

the potential to contribute to a general understanding of the social and economic structure of the region in the 19th century. However, the site has been badly damaged by erosion activity and a not so small amount of ordinance impact and as such, it maintains little integrity. No further work is recommended for 18DO82.

External Reference Codes (Library ID Numbers):

00000186, 00000199