



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CA81

Site Name: Goldsboro Watershed Survey 17

Prehistoric

Other name(s) Locus 17

Historic

Brief Description:

Late Archaic and Late Woodland (and possibly Early or Middle Woodland) short-term camps, historic cemetery

Unknown

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 4

SCS soil & sediment code HoB,HbA,HbB,

Latitude 39.0742 Longitude -75.7826

Physiographic province Eastern Shore Coastal P

Terrestrial site  Underwater site

Elevation m Site slope 0-5%

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

### Ownership

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

### Nearest Surface Water

Name (if any) Unnamed tributary of Broad

- | Saltwater                                |  | Freshwater                                       |   |
|--|--|--|---|
| Ocean <input type="checkbox"/>           | Estuary/tidal river <input type="checkbox"/> | Stream/river <input checked="" type="checkbox"/> | Swamp <input checked="" type="checkbox"/> |
| Tidewater/marsh <input type="checkbox"/> | Lake or pond <input type="checkbox"/>        | Spring <input type="checkbox"/>                  |   |
| Minimum distance to water is 950 m       |  |  |   |

## Temporal & Ethnic Contextual Data:

- Paleoindian site
- Archaic site
- Early archaic
- Middle archaic
- Late archaic
- Woodland site
- MD Adena
- Early woodland
- Mid. woodland
- Late woodland
- Unknown prehistoric context

- Contact period site
- ca. 1820 - 1860
- ca. 1630 - 1675
- ca. 1675 - 1720
- ca. 1720 - 1780
- ca. 1780 - 1820
- Unknown historic context
- Unknown context
- ca. 1820 - 1860
- ca. 1860 - 1900
- ca. 1900 - 1930
- Post 1930
- Unknown historic context
- Unknown context

### Ethnic Associations (historic only)

- Native American
- African American
- Anglo-American
- Hispanic
- Asian American
- Unknown
- Other

Y=Confirmed, P=Possible

## Site Function Contextual Data:

- ### Prehistoric
- Multi-component
  - Village
  - Hamlet
  - Base camp
  - Rockshelter/cave
  - Earthen mound
  - Cairn
  - Burial area
  - Misc. ceremonial
  - Rock art
  - Shell midden
  - STU/lithic scatter
  - Quarry/extraction
  - Fish weir
  - Production 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
  - field scatter

## Interpretive Sampling Data:

Prehistoric context samples Soil samples taken N

Flotation samples taken N Other samples taken

Historic context samples Soil samples taken N

Flotation samples taken N Other samples taken



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## Diagnostic Artifact Data:

Projectile Point Types			
Clovis	<input type="checkbox"/>	Koens-Crispin	<input type="checkbox"/>
Hardaway-Dalton	<input type="checkbox"/>	Perkiomen	<input type="checkbox"/>
Palmer	<input type="checkbox"/>	Susquehana	<input type="checkbox"/>
Kirk (notch)	<input type="checkbox"/>	Vernon	<input type="checkbox"/>
Kirk (stem)	<input type="checkbox"/>	Piscataway	<input type="checkbox"/>
Le Croy	<input type="checkbox"/>	Calvert	<input type="checkbox"/>
Morrow Mntn	<input type="checkbox"/>	Selby Bay	<input type="checkbox"/>
Guilford	<input type="checkbox"/>	Jacks Rf (notch)	<input type="checkbox"/>
Brewerton	1	Jacks Rf (pent)	<input type="checkbox"/>
Otter Creek	<input type="checkbox"/>	Madison/Potomac	<input type="checkbox"/>
		Levanna	<input type="checkbox"/>

### Prehistoric Sherd Types

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

### Historic Sherd Types

<b>Earthenware</b>		Ironstone	8	Staffordshire	<input type="checkbox"/>	<b>Stoneware</b>	
Astbury	<input type="checkbox"/>	Jackfield	1	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	19	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	<b>Porcelain</b>	<input type="checkbox"/>	Nottingham	<input type="checkbox"/>
Creamware	<input type="checkbox"/>	Pearlware	3			Rhenish	<input type="checkbox"/>
						Wt Salt-glazed	<input type="checkbox"/>

All quantities exact or estimated minimal counts

## Other Artifact & Feature Types:

Prehistoric Artifacts			
Flaked stone	172	Other fired clay	<input type="checkbox"/>
Ground stone	1	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Fire-cracked rock	52	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	10	Oyster shell	<input type="checkbox"/>
Ceramics (all)	4	Floral material	<input type="checkbox"/>
Rimsherds	<input type="checkbox"/>	Uncommon Obj.	<input type="checkbox"/>
		Other	<input type="checkbox"/>

### Prehistoric Features

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

### Lithic Material

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

Dated features present at site

Historic Artifacts			
Pottery (all)	36	Tobacco related	2
Glass (all)	121	Activity item(s)	23
Architectural	52	Human remain(s)	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Faunal material	<input checked="" type="checkbox"/>
Arms	<input type="checkbox"/>	Misc. kitchen	27
Clothing	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Personal items	<input type="checkbox"/>	Misc.	6
		Other	<input type="checkbox"/>

### Historic Features

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



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Unknown

## External Samples/Data:

Collection curated at MAC Lab

Additional raw data may be available online

## Summary Description:

The Goldsboro Watershed Survey 17 Site (18CA81) represents Late Archaic and temporally undefined Woodland short-term camps, and late 19th-early 20th century artifact concentrations. The site is located in a large cultivated field northeast of Broadway Branch in Caroline County. In the middle of the site is a deep wetland feature called a Delmarva basin/bay, described as a depression with no surface outlet or apparent drainage that at almost all times contains some water. The main soil type at the site is Sassafras loam.

Site 18CA81 was first located in 1982 during a pedestrian survey of the Goldsboro Watershed for the Soil Conservation Service, USDA. The study was conducted ahead of anticipated drainage improvements within the watershed. The goal of the investigation was to identify, map, evaluate, and interpret any cultural remains that might be impacted by the proposed channel construction. The survey area was divided into 18 loci. The site, whose boundaries were defined by landforms, was located within Locus 17. It was suggested that the site was a good location for a camp because animals that went to the basin for water could be easily hunted. Surface examination yielded 1 groundstone artifact (celt) and 1 sherd of prehistoric pottery. A soil map of the vicinity showed the location of a cemetery that had apparently been obliterated by plowing. The landowner pointed out the site but indicated that no markers had been found before it was cleared. It is unclear if the cemetery was included within the defined boundaries of 18CA81 and no further information on it was available.

Phase II work was conducted at the site in mid 2002 ahead of construction of a proposed new residential development. The Corps of Engineers and the Maryland Historical Trust (MHT) were asked to comment on the impact of the proposed subdivision on the nearby wetlands. The MHT also required additional archeological investigation of site 18CA81 pursuant to Section 106 of the National Historic Preservation Act. The goals of the Phase II study were to define the horizontal and vertical boundaries of the site, to determine the potential for finding buried intact prehistoric cultural deposits, and assess the site's eligibility for listing on the National Register of Historic Places. The large agricultural field encompassing the site was divided into 3 areas (Fields 1-3). The fields were walked in parallel transects about 5-6 m apart. Non-diagnostic or commonplace objects were bagged as general surface collection within the 3 areas, isolated finds were noted by sequential number within a field, and noteworthy items or clusters of artifacts were given a sequential number separated from the general field number by a decimal.

A concentration of late 19th-early 20th century artifacts (Locus 1) was identified at the northern end of Field 1. The concentration measured approximately 73 x 34 meters. Nearly three quarters (or about 70) of the items recovered from the locus were bottle glass fragments. Amethyst glass and ironstone ceramic sherds were also recovered from the locus. Two loci were identified in Field 2. They were determined to form a continuous distribution, but they were separated on the basis that Locus 1 contained twice as many prehistoric artifacts as Locus 2. Field 2, Locus 1 was the location of the 2 artifacts found during the 1982 survey. It was situated on a sand ridge south of the bay/basin and measured 67 X 91 meters. Numerous fire-cracked rocks (FCR) and lithics (n=58), as well as a prehistoric sherd, were found in Locus 1 along with several (n=19) historic artifacts (mostly brick fragments). Field 2, Locus 2 was located south of Locus 1 and measured approximately 134 x 46 meters. Artifacts collected during the pedestrian survey included lithic debitage and historic materials. Two loci were also identified in Field 3. Locus 1, which measured 80 x 40 m, consisted of 82 prehistoric artifacts including FCR, debitage, and lithic tools. Field 3, Locus 2 measured 35 x 21 meters and consisted of 58 historic artifacts, generally of a mid-late 19th century date.

A total of 10 test units (TUs) measuring 1 m<sup>2</sup> were then placed in areas where artifact concentrations were identified during the surface collection. All excavated soil was screened through ¼" mesh. The plowzone layer measured up to 20 cm in thickness. It was removed and screened as one block. Subsequent soil was removed in 10 cm arbitrary levels. At total of 64 artifacts were recovered from the test units (52 prehistoric and 12 historic). Except for 13 prehistoric artifacts, all material was recovered from the plowzone. No cultural features were identified as a result of the excavations.

A total of 237 prehistoric artifacts were recovered from the site. There were 157 pieces of debitage and 2 cores. In all, 13 lithic tools were found including 3 scrapers, 1 early stage biface fragment, 1 biface, 1 possible graver, 2 Piney Island and 1 Brewerton side-notched Late Archaic points, and 4 unidentified point fragments. There were 10 other lithic items (3 hammerstones and 7 broken cobbles/pebbles). There were 52 FCR fragments. There were 3 ceramic sherds, 2 cord-marked and quartz tempered and 1 plain shell tempered. Analysis of the prehistoric artifacts suggested that the site was utilized as a procurement and food processing site that was occupied sporadically during the Late Archaic and Woodland periods.

A total of 272 historic artifacts were recovered from the site. There were 23 activity items (21 field tile fragments and 2 fragments of battery rods). There were 52 architectural items (42 brick fragments, 9 window glass shards, and 1 roofing slate piece). There were 189 kitchen-related items (94 bottle glass and jar fragments, 6 table glass fragments, 9 milk glass lid fragments, 1 clear glass jar lid piece, 2 milk glass fragments, 14 red-bodied earthenware sherds, 3 pearlware sherd, 19 whiteware sherds, 8 ironstone sherds, 2 gray salt-glazed stoneware sherds, 1 Jackfield-like sherd, 2 Albany glazed stoneware sherds, 1 buff-bodied sherd, 2 tinware fragments, 1 iron pot fragment, and 24 oyster shell fragments). There were 6 miscellaneous items (2 unidentified pieces of brass and 4 coal pieces). There were 2 tobacco items (white clay pipe stem fragments). Analysis of the historic artifacts, particularly the ceramics and glass, indicated a long duration of refuse disposal at the site.

The Goldsboro Watershed Survey 17 site (18CA81) represents Late Archaic and temporally undefined Woodland short-term camps, and late 19th-early 20th century artifact concentrations. The assemblage was apparently mixed (probably through plowing activity) and was restricted to the plowzone. Given the nature of the materials and in the absence of features, it was concluded that 18CA81 was not eligible for listing on the National Register of Historic Places. No further work was recommended for the site.

## External Reference Codes (Library ID Numbers):

00000341, 97001528