



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CH270

Site Name: IH-22

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Late Woodland short-term camp/artifact scatter, mid-19th to early 20th century house site

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 11

SCS soil & sediment code Ms

Latitude 38.5786

Longitude -77.1933

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation 17 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) Potomac River

#### Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

#### Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 80 m

## Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Contact period site

ca. 1820 - 1860

Y

Archaic site

MD Adena

ca. 1630 - 1675

ca. 1860 - 1900

Y

Early archaic

Early woodland

ca. 1675 - 1720

ca. 1900 - 1930

Y

Middle archaic

Mid. woodland

ca. 1720 - 1780

Post 1930

Late archaic

Late woodland

ca. 1780 - 1820

Unknown historic context

Unknown prehistoric context

Unknown context

### Ethnic Associations (historic only)

Native American

Asian American

African American

Unknown

Anglo-American

Other

Hispanic

Y

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 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		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"/>	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"/>	7	

## Historic Sherd Types

Earthenware		Ironstone		Staffordshire		Stoneware	
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	<input type="checkbox"/>	Nottingham	<input type="checkbox"/>
Creamware	<input type="checkbox"/>	Pearlware	<input type="checkbox"/>		<input type="checkbox"/>	Rhenish	<input type="checkbox"/>
						Wt Salt-glazed	<input type="checkbox"/>
							1

All quantities exact or estimated minimal counts

## Other Artifact & Feature Types:

Prehistoric Artifacts		Other fired clay	
Flaked stone	<input type="checkbox"/>	46	
Ground stone	<input type="checkbox"/>		
Stone bowls	<input type="checkbox"/>		
Fire-cracked rock	<input type="checkbox"/>	8	
Other lithics (all)	<input type="checkbox"/>		
Ceramics (all)	<input type="checkbox"/>	7	
Rimsherds	<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 checked="" 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 type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Chert	<input checked="" type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Sandstone	<input type="checkbox"/>		

Dated features present at site

Historic Artifacts		Tobacco related	
Pottery (all)	<input type="checkbox"/>	27	
Glass (all)	<input type="checkbox"/>	82	
Architectural	<input type="checkbox"/>	419	
Furniture	<input type="checkbox"/>		
Arms	<input type="checkbox"/>		
Clothing	<input type="checkbox"/>	1	
Personal items	<input type="checkbox"/>		

## Historic Features

Const feature	<input checked="" type="checkbox"/>	Privy/outhouse	<input type="checkbox"/>	Depression/mound	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Foundation	<input checked="" type="checkbox"/>	Well/cistern	<input type="checkbox"/>	Burial(s)	<input 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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## External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

## Summary Description:

The IH-22 Site (18CH270) is the previous site of a mid-19th to early 20th century domestic structure on the property of the Naval Surface Warfare Center in Charles County, Maryland. Evidence of a small prehistoric base camp or possibly a hamlet of Late Woodland age is also present. The site is situated on a prominent knoll at the junction of two rural roads, several meters inland from the Potomac River. Two small springs are situated just to the south. The site sits on a small patch of Matawan loamy sand within a large block of Elkton silt loam.

The site was originally examined in 1985 as part of a preliminary Phase I archeological survey conducted throughout the Naval Ordnance Station (now the Naval Surface Warfare Center). This survey was conducted in order to satisfy the requirements of the National Historic Preservation Act of 1966, and involved inventorying all known archeological sites on the federally-owned/managed property and conducting Phase I survey to identify unknown sites, and to make management recommendations concerning said sites. 18CH270 was selected for excavation because a nautical map dating to 1863 depicted a structure at this locale. The same structure was also shown on USGS quad maps published in 1911 and 1913, but surveyed in 1890. The maps are consistent in showing a structure, probably a house, on the same distinct topographic feature at the intersection of the two country roads. The structure no longer appears on maps after 1918, when the Navy acquired the property. Excavations were undertaken to determine whether or not any features were left that may have been associated with the structure.

Excavation commenced with the placement of 6 trenches criss-crossing the site. Test Trenches 1 and 2 were placed parallel to one of the country roads across the summit of the knoll, while 3 and 4 were placed along a line at right angles to Trench 2. Trenches 5 and 6 were placed along lines running at right angles to the original line, with Trench 6 crossing a large possible foundation stone. Trenches 1, 2, and 3 were 2 m X 50cm in extent, while 4 and 5 were 1 m X 50cm in extent. Trench 6 was originally 2m X 50cm, though it was eventually increased in length by 50cm. Subsequent to the placement of the 6 trenches, a shovel cut transect running parallel to Trenches 1 and 2 was excavated, with shovel cuts spaced 10 meters apart. The material from the first 7 of these are included within the 18CH270 site designation. Excavation proceeded by the removal of natural soil horizons, which were subdivided into smaller arbitrary units when necessary. Plan maps were made of any artifact clusters; profiles were drawn of one wall, soil colors being measured using Munsell standard.

The material recovered from the excavations revealed two components, one a Late Woodland occupation as evidenced by the presence of Potomac Creek ceramics, and the second a 19th Century occupation which undoubtedly is the remains of the structure indicated on the above noted maps. Excavation revealed a small cluster of 5 postmolds in Trench 2 and 4 amorphous features in Trench 6. Four of the 5 postmolds are essentially the same size; approximately 5 cm across the top. The other postmold measured 12cm across the top. It is not known whether these are part of the prehistoric or historic component of the site. Feature 1 appeared as a wide linear stain with no artifacts atop it. Feature 2 was a small irregular shaped stain between a boulder and Feature 1. There were several metal fragments in the top of it. Feature 3 was a dark stain running along the south side of this same boulder. The fill was dark with flecks of brick and mortar mixed in. And finally, Feature 4 was the corner of a rectangular shaped stain with brick and mortar fragments within it. It was much looser in texture than the surrounding subsoil. All of these features were probably structural in nature, especially 3 and 4, with the brick fragments within them. Feature 4 (rectangular in shape) may be a foundation or chimney footing.

Prehistoric artifacts encountered during the 1985 excavations at 18CH270 include 1 quartz core, 11 quartz flakes, 19 quartzite flakes, 2 pieces of chert shatter, 10 pieces of quartz shatter, 3 pieces of quartzite shatter, 8 pieces of fire-cracked rock, 7 Potomac Creek sherds, and an unidentified fired clay lump. The historic assemblage was more extensive and included 6 activity items (2 pieces of lamp glass, 1 piece of chain link, 2 square nuts, and an eye bolt), 419 architectural artifacts (241 pieces of brick, 2 pieces of mortar, 19 fragments of window glass, 3 wrought nails, 90 cut nails, 31 wire nails, 19 unidentified nails, 3 spikes, a piece of copper chimney flashing, 9 fragments of painted wood, and a piece of lead-glazed sewer tile), 1 clothing item (a glass button), 128 kitchen-related artifacts (27 ceramic sherds, 4 blown-in-mold and 59 unidentified container glass fragments, 1 zinc cap liner, 10 animal bones, 21 pieces of oyster shell, and 6 knife parts), 1 tobacco-related item (a pipe stem), and 9 miscellaneous objects (unidentified pieces of metal). Among the historic sherds were a piece of buff-bodied earthenware, 5 pearlware, 1 porcelain, 1 ironstone, 14 whiteware, 1 yellowware, 1 redware, 1 white salt-glazed stoneware, and 2 miscellaneous stoneware sherds.

There are 2 important aspects concerning the Late Woodland occupation at 18CH270. The presence of the occupation dating to the Late Woodland on the Matawan loamy sand has been suggested as a predictive factor for prehistoric settlement. The loose nature of the soil and its permeability have been noted as perhaps being important requirements for the implementation of swidden horticultural practices. Though an area large enough in extent was not excavated, the postmolds encountered in Trench 2 may be part of the Potomac Creek component. The postmolds were developed below the plowzone, and likely predate the 19th Century structure. The lack of any clear alignment of the several postmolds rules out the presence of a fence. The affiliation of these will necessarily have to be determined by further excavation. The possibility that they may represent a small Potomac Creek hamlet associated with a swidden field would be a significant addition to knowledge concerning Late Woodland settlement patterns in the Potomac drainage. The historic component that is presented at 18CH270 appears to date at least to the mid 19th Century, and continue up to the turn of the century. Although the dateable artifact categories were few and low in number, the cumulative evidence suggests that the occupation dates as early as 1850. The structure present on the nautical maps is at least dated to 1863 and is present until shortly after the turn of the century. The structure was probably removed and the area leveled, as no dense concentrations of architectural debris were encountered. The presence of several features around a large boulder, suggest that it was once part of the foundation or footing for the structure. Further excavation should be able to ascertain the ground plan of the structure if other features are present. Thus, both the prehistoric and historic components of site 18CH270 are believed to have additional research potential. Both diagnostic artifacts and intact features were encountered at the site and it is considered to have sufficient integrity to address research questions related to the Late Woodland and mid-late 19th Century.

## External Reference Codes (Library ID Numbers):

00005757