



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN986

Site Name: H-1 Site 1

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Possibly Early or Late Archaic lithic scatter

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 8

SCS soil & sediment code

Latitude 39.1103

Longitude -76.7398

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation 55 m

Site slope

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) Midway Branch

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 50 m

Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Contact period site

ca. 1820 - 1860

Archaic site

MD Adena

ca. 1630 - 1675

ca. 1860 - 1900

Early archaic

Early woodland

ca. 1675 - 1720

ca. 1900 - 1930

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=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?

Domestic

- Homestead
- Farmstead
- Mansion
- Plantation
- Row/townhome
- Cellar
- Privy

Industrial

- Mining-related
- Quarry-related
- Mill
- Black/metalsmith
- Furnace/forge
- Other

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

Flotation samples taken

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	<input type="checkbox"/>	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

Earthenware		Ironstone	<input type="checkbox"/>	Staffordshire	<input type="checkbox"/>	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"/>			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	96	Other fired clay	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Fire-cracked rock	<input type="checkbox"/>	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Oyster shell	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/>	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

Fer quartzite	<input type="checkbox"/>	Sil sandstone	<input checked="" type="checkbox"/>
Jasper	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>	Argilite	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Sandstone	<input type="checkbox"/>

Dated features present at site

Historic Artifacts			
Pottery (all)	<input type="checkbox"/>	Tobacco related	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/>	Activity item(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Faunal material	<input type="checkbox"/>
Arms	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Personal items	<input type="checkbox"/>	Misc.	<input type="checkbox"/>
		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 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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Brief

Description:

Possibly Early or Late Archaic lithic scatter

Unknown

External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

Summary Description:

Site 18AN986, also known as H-1 Site 1, consists of a prehistoric lithic scatter located on the Fort George G. Meade property in Anne Arundel County. The site is situated on a ridgetop above Midway Branch. At the time of the site's discovery, the site setting was wooded, but was surrounded by residential development for the military base as well as a base golf course. A gravel road was to the north. Soils at the site include Evesboro and Galestown loamy sands, Sassafras sandy loams, and Croom gravelly loams.

The site was first identified in 1995 during the course of a Phase I survey of approximately 2,210 acre of the Fort George G. Meade property. The work was conducted to supplement a Cultural Resource Management Plan being developed for the base. The Phase I work entailed the excavation of 397 shovel test pits (STPs) at 20 m intervals throughout the woods, with retests at 10 m intervals between positive finds. STPs were approximately 30 X 40 cm in size. During the excavation in 1995, 17 chipped stone debitage fragments and one amorphous biface were recovered. Because Site 18AN986 appeared to retain integrity based on the Phase I study, it was recommended for Phase II evaluation.

Phase II work was carried out at the site in 2002. In May of that year, a 50 year land lease was signed conveying all housing, except historical homes, to Meade Communities, LCC: a total of 2,862 dwelling units on the base in 5 parcels. In addition, about 1,000 acres were leased for the construction of approximately 308 new family housing units, ancillary support facilities, and for the development of storm water management and community aesthetic enhancement. The proposed action constitutes an undertaking that is subject to the requirements of Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended. The archeological evaluation of Site 18AN986 was also carried out in accordance with Army Regulation 200-4 and the Archeological Resources Protection Act of 1979, which requires that all archeological investigations on federal property be carried out by permit issued by the Federal land manager (in this case, the Installation Commander).

The Phase II investigation of 18AN986 included manual excavation of shovel test pits and 1 X 1 m square test units. A review of the Phase I survey indicated that a sufficient number of STPs were excavated to adequately identify the boundaries of the site. Phase II STPs were used to re-identify the site and to identify artifact concentrations. Soils were excavated in 10 cm increments within natural soil strata. All field data was recorded on standard field forms and in general field notes. A site map depicting the locations of STPs, test units, above-ground features, and areas of disturbance was prepared. Photographs of any archeological features, soil layers, and general site conditions were taken. All soil from STPs and test units was screened for artifacts through hardware mesh. Following the archeological fieldwork, a Trimble Pro XRS Global Position System (GPS) backpack unit was used to map the boundaries of the site.

Eighteen STPs at 10 m intervals were excavated at 18AN986 in 2002. Based on the STPs, the site was about 30 square meters (0.2 acres) in size. No artifact concentrations were found, and STPs yielded between one and three artifacts each.

Five 1 X 1 m test units were excavated within undisturbed areas of the prehistoric site. Disturbance included two military fox holes, each about eight meters in diameter, excavated in the center of the site. Soil profiles of the five test units were similar, except that subsoil on the western half of the site contained a higher concentration of water-rounded pebbles and cobbles. A typical soil profile consisted of four strata: a very dark brown loamy sand (Ao) averaging 5 cm in thickness, a gray clayey sand (A1) averaging 8 cm in thickness, a light yellowish brown clayey sand (B) averaging 40 cm in thickness, and a strong brown mottled with pale yellow clayey sand subsoil. Stratum B graded into subsoil.

Test units revealed a low-density scatter of quartz lithic debitage. Artifacts included two chipped stone tools (a projectile point and a biface), four fragments of blocky shatter, and 72 fragments of chipped stone flake debitage produced during stone tool manufacture. The projectile point could not be assigned to a particular type or era within the prehistoric period because it had been extensively reworked. Most artifacts were made of local quartz and quartzite. Non-local materials included 9 rhyolite flakes and 1 rhyolite projectile point. The non-local materials may have been obtained from exchange with or travel to western Maryland.

Site 18AN986 appears to have been a temporary camp site, possibly for procurement of raw materials, such as quartz cobbles which are prevalent on-site. The date of the site within the prehistoric period is not known. Although artifacts were recovered from Stratum B, the site's integrity has been compromised as a result of 20th century excavation of large foxholes. In addition, the site yielded a low density of artifacts. Because the site appeared to be occupied for a short period of time, it is unlikely that subsurface features are present. The site appears to have limited research potential.

External Reference Codes (Library ID Numbers):

97001526, Site Files