



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AG8

Site Name: Barton II

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Late Archaic, Early & Late Woodland base camp

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 22

SCS soil & sediment code Pn

Latitude 39.5590

Longitude -78.8461

Physiographic province Ridge and Valley

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 Poto

- | Saltwater | | Freshwater | |
|--|--|--|--------------------------------|
| Ocean <input type="checkbox"/> | Estuary/tidal river <input type="checkbox"/> | Stream/river <input checked="" type="checkbox"/> | Swamp <input type="checkbox"/> |
| Tidewater/marsh <input type="checkbox"/> | Lake or pond <input type="checkbox"/> | Spring <input type="checkbox"/> | |

Minimum distance to water is 5 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

Contact period site

ca. 1820 - 1860

ca. 1630 - 1675

ca. 1675 - 1720

ca. 1720 - 1780

ca. 1780 - 1820

Unknown historic context

Unknown prehistoric 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?

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 Y

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		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"/> 2

Prehistoric Sherd Types

Marcey Creek	<input type="checkbox"/>	Popes Creek	<input type="checkbox"/>	Shepard	<input type="checkbox"/>	Keyser	<input type="checkbox"/> 3
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"/> 11	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"/> 86	Shenks Ferry	<input type="checkbox"/>		
Vinette	<input type="checkbox"/> 1	Page	<input type="checkbox"/> 1	Moyaone	<input type="checkbox"/>		
				Potomac Crk	<input type="checkbox"/>		

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"/> 1	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		Other fired clay	
Flaked stone	<input type="checkbox"/> 3159	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"/> 2
Fire-cracked rock	<input type="checkbox"/> 290	Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/> 22	Floral material	<input checked="" type="checkbox"/>
Ceramics (all)	<input type="checkbox"/> 176	Uncommon Obj.	<input type="checkbox"/>
Rimsherds	<input type="checkbox"/> 1	Other	<input type="checkbox"/>

Prehistoric Features

Mound(s)	<input type="checkbox"/>	Storage/trash pit	<input checked="" 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 type="checkbox"/>	European flint	<input type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Quartz	<input type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>
		Sandstone	<input checked="" type="checkbox"/>	Shriver chert, Fl	<input type="checkbox"/>

Dated features present at site

A paleosol encountered at about 80 cmbs was C-14 dated along with strata directly above it.

Historic Artifacts		Tobacco related	
Pottery (all)	<input type="checkbox"/> 4	Activity item(s)	<input type="checkbox"/> 1
Glass (all)	<input type="checkbox"/> 5	Human remain(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/> 6	Faunal material	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/>
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Misc.	<input type="checkbox"/> 14
Personal items	<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: 170 +/- 80 years BP

Reliability

Sample 2: 320 +/- 50 years BP

Reliability

Sample 3: 520 +/- 70 years BP

Reliability

B-24724: Carbon sample from just above the S200E170 paleosol

Mod

B-24722: Samples collected from a shallow portion of a paleosol in S200E170, lithics, grit-tempered pottery, & a shell-tempered sherd also found

Mod

B-24723: Samples collected from a shallow portion of a paleosol in S200E170, lithics, grit-tempered pottery, & a shell-tempered sherd also found

70

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:

Late Archaic, Early & Late Woodland base camp

Unknown

External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

Summary Description:

The Barton II site (18AG8) is a large (110 x 120 meter) multi-component Archaic and Early/Middle Woodland period site located near the eastern edge of a low, broad floodplain terrace of the Potomac River. Soils belong primarily to the Weikert-Calvi-Lehav association, shallow and well-drained shaly to stony soils. The site was first identified in 1958 by Henry Wright, but was not substantially excavated until 1987 when it was the subject of the Archeological Society of Maryland annual field school. These investigations revealed intact Early and Middle Woodland period occupation features overlying stratigraphic horizons containing probable Archaic period cultural deposits. In 2002, a portion of Site 18AG8 was identified within the limits of a proposed outfall for a planned sewage treatment plant for the Barton Business Park. The Phase I archaeological survey conducted within the proposed construction corridor for the outfall identified a possible prehistoric pit feature and intact cultural horizons that likely dated from the Archaic Period. Phase II testing was recommended for the portion of Site 18AG8 that was located within the footprint of the proposed corridor extension. The details of all three studies (the fieldschool, Phase I, and Phase II) are provided below.

In 1986 and the spring of 1987, Wall and Curry conducted preliminary investigation at Barton II in preparation for the planned ASM field session in the summer of 1987 to identify site boundaries and paleosols. This investigation involved auger borings in transects perpendicular to the floodplain, followed by a preliminary surface collection, several shovel tests, and four 1 X 1 m test units. At the opening of the 1987 field session, a controlled surface survey was carried out on the upper terrace (T1) in the northern portion of the site. This was followed by the placement of 14 excavation units (1 X 1 m and 1 X 2 m). All test units were excavated in 10 cm arbitrary levels below the plowzone. The plowzone was shoveled and sifted as a single stratigraphic unit.

Test units placed on the crest of the terrace identified an Early Woodland period pit feature beneath the plowzone containing a single Vnette-like rimsherd, along with 27 other crushed rock-tempered ceramics, an Adena-like point, a fishtail point, debitage, and calcined bone. Concentrations of lithic debitage at depths of 30 to 60 cm on the crest of the terrace probably represent the remains of lithic reduction areas dating from the mid-Holocene Archaic period. Stratified Late Woodland period deposits were recorded in association with a paleosol approximately 80 cm below the plowzone at the toe of the terrace. These deposits contained lithic debitage as well as shell-tempered and grit-tempered ceramics. Radiocarbon results of samples taken from this paleosol as well as the strata directly above it are reported above. The entire collection from the 1986-1987 work included 135 flaked stone tools (13 points, 24 other bifaces or bifacially worked flakes, 2 scrapers, 7 utilized/retouched flakes, 3 cores, and 1464 pieces of debitage). In addition, 4 hammerstones were found. Forty-four unspecified pottery sherds, 25 grit-tempered sherds (1 rim), 4 chert-tempered sherds, 1 sand-tempered sherd, and 1 shell-tempered sherd. Flotation samples taken at the site yielded 17 tiny flakes (all chert), pottery crumbs, walnut, pokeweed, grape, and locust seeds.

Phase I work in 2002 (in anticipation of the construction of the sewage outfall facility) resulted in the expansion of the site boundaries to their current dimensions and the identification of intact cultural deposits that probably date from the Archaic period. The survey included the excavation of 11 shovel tests (at 10 m intervals), two mechanized trenches, and one 1 X 2 m test unit. One basin shaped soil stain containing charcoal fragments and an area of soil reddening was identified in intact stratigraphic horizons beneath the plowzone. It was interpreted as a possible prehistoric pit feature.

The Phase I survey yielded 147 prehistoric artifacts and 4 historic artifacts. Prehistoric artifacts recovered from Site 18AG8 consisted of 119 pieces of debitage, 4 cores, 23 pieces of fire-cracked rock, and one utilized flake. The vast majority of the debitage (98%) was chert. The historic artifacts consisted of 1 whiteware sherd, 2 red-bodied earthenware sherds, and 1 piece of solarized bottle glass.

Phase II testing was designed to determine: 1) the nature, age, and function of the archeological resource, 2) its horizontal and vertical boundaries, and 3) its integrity. Site-specific research focused on determining whether the Late Woodland period paleosol and the Early Woodland and Archaic components identified in 1987 were present within the project corridor. Testing involved the excavation of 55 shovel tests (at 5 m intervals) along three transects. These lead to the placement of six 1 X 2 m test units (shown on map as 14 1 X 1s, but TU 3 & 4 are from the Phase 1 study) which were excavated to a depth of 150 cm below the surface or the top of a relict channel lag deposit. In test units where the lag deposits were more than 150 cm below surface, a 50 X 50 cm director's window was placed in the southwest corner of that unit to expose the top of the lag deposit. Auger tests were conducted in director's windows where the lag deposit exceeded 200 cm below surface.

The Phase II ceramic assemblage included 85 early Clemson Island, 1 Clemson Island, 3 Keyser, 1 Page, and 11 Watson sherds. Flaked Stone tools consisted of 14 bifaces, 7 cores, 44 utilized/retouched flakes, and 1440 pieces of debitage. Two of the bifaces are possible Levanna triangular points and a third is similar to Late/Transitional Archaic fishtail points. In addition to the flaked tools 5 hammerstones, 1 possible abrader, 11 unmodified cultural lithics (manuports), 1 heat-treated cobble, and 267 fire-cracked rocks were recovered. Four unidentified organics were also excavated. The historic artifacts encountered included 1 buff-bodied ceramic sherd, 2 pieces of bottle glass, 6 architectural objects (1 piece of window glass, 4 roofing shingles, 1 wire nail), 1 activity item (a metal plow), and numerous miscellaneous objects (9 unidentified, 1 piece of unidentifiable glass, 3 pieces of metal, and 1 piece of stone).

The studies indicate that Site 18AG8 is comprised of several intact prehistoric components including: 1) Early Woodland and Archaic period components on the crest of the terrace, 2) a late Woodland component associated with an buried paleosol at the toe of the terrace (eastern margin), and 3) a Late Woodland component associated with an Ab horizon on the margins of a relict flood chute on the western edge of the site. The site is the subject of ongoing excavations by Robert D. Wall.

External Reference Codes (Library ID Numbers):

97001671, MDARC28-1