



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN816 Site Name: The National Business Park

Prehistoric

Other name(s)

Historic

Brief Description: Late Archaic lithic scatter

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 8

SCS soil & sediment code

Latitude 39.1160 Longitude -76.7879

Physiographic province Western Shore Coastal

Terrestrial site Underwater site

Elevation 52 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

Ownership

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

Nearest Surface Water

Name (if any) Geyers Branch

- | 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 m

Temporal & Ethnic Contextual Data:

- | | | | |
|--|---|---|--|
| Paleoindian site <input type="checkbox"/> | Woodland site <input type="checkbox"/> | Contact period site <input type="checkbox"/> | ca. 1820 - 1860 <input type="checkbox"/> |
| Archaic site <input type="checkbox"/> | MD Adena <input type="checkbox"/> | ca. 1630 - 1675 <input type="checkbox"/> | ca. 1860 - 1900 <input type="checkbox"/> |
| Early archaic <input type="checkbox"/> | Early woodland <input type="checkbox"/> | ca. 1675 - 1720 <input type="checkbox"/> | ca. 1900 - 1930 <input type="checkbox"/> |
| Middle archaic <input type="checkbox"/> | Mid. woodland <input type="checkbox"/> | ca. 1720 - 1780 <input type="checkbox"/> | Post 1930 <input type="checkbox"/> |
| Late archaic <input checked="" type="checkbox"/> | Late woodland <input type="checkbox"/> | ca. 1780 - 1820 <input type="checkbox"/> | |
| Unknown prehistoric context <input type="checkbox"/> | | Unknown historic context <input type="checkbox"/> | |
| | | Unknown context <input type="checkbox"/> | |

Ethnic Associations (historic only)

- | | |
|---|---|
| Native American <input type="checkbox"/> | Asian American <input type="checkbox"/> |
| African American <input type="checkbox"/> | Unknown <input type="checkbox"/> |
| Anglo-American <input type="checkbox"/> | Other <input type="checkbox"/> |
| Hispanic <input type="checkbox"/> | |

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 | Furnace/forge <input type="checkbox"/> | Military | Post-in-ground <input type="checkbox"/> |
| Urban/Rural? <input type="checkbox"/> | Other <input type="checkbox"/> | Battlefield <input type="checkbox"/> | Frame-built <input type="checkbox"/> |
| Domestic | Transportation <input type="checkbox"/> | Fortification <input type="checkbox"/> | Masonry <input type="checkbox"/> |
| Homestead <input type="checkbox"/> | Canal-related <input type="checkbox"/> | Encampment <input type="checkbox"/> | Other structure <input type="checkbox"/> |
| Farmstead <input type="checkbox"/> | Road/railroad <input type="checkbox"/> | Townsite | Slave related <input type="checkbox"/> |
| Mansion <input type="checkbox"/> | Wharf/landing <input type="checkbox"/> | Religious | Non-domestic agri <input type="checkbox"/> |
| Plantation <input type="checkbox"/> | Maritime-related <input type="checkbox"/> | Church/mtg house <input type="checkbox"/> | Recreational <input type="checkbox"/> |
| Row/townhome <input type="checkbox"/> | Bridge <input type="checkbox"/> | Ch support bldg <input type="checkbox"/> | Midden/dump <input type="checkbox"/> |
| Cellar <input type="checkbox"/> | Ford <input type="checkbox"/> | Burial area | Artifact scatter <input type="checkbox"/> |
| Privy <input type="checkbox"/> | Educational | Cemetery <input type="checkbox"/> | Spring or well <input type="checkbox"/> |
| Industrial | Commercial | Sepulchre <input type="checkbox"/> | Unknown <input type="checkbox"/> |
| Mining-related <input type="checkbox"/> | Trading post <input type="checkbox"/> | Isolated burial <input type="checkbox"/> | Other context <input type="checkbox"/> |
| Quarry-related <input type="checkbox"/> | Store <input type="checkbox"/> | Bldg or foundation | |
| Mill <input type="checkbox"/> | Tavern/inn <input type="checkbox"/> | Possible Structure <input type="checkbox"/> | |
| Black/metalsmith <input type="checkbox"/> | | | |

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		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"/>		

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		Other fired clay	
Flaked stone	68	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)	7	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"/>	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 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 checked="" 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		Tobacco related	
Pottery (all)	<input type="checkbox"/>	Activity item(s)	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	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"/>
Personal items	<input type="checkbox"/>	Other	<input type="checkbox"/>

Historic Features

Privy/outhouse	<input type="checkbox"/>	Depression/mound	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Const feature	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>	Burial(s)	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Trash pit/dump	<input type="checkbox"/>	Railroad bed	<input type="checkbox"/>
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 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



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Late Archaic lithic scatter

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External Samples/Data:

Collection curated at

Additional raw data may be available online

Summary Description:

Site 18AN816, the National Business Park Site, is a Late Archaic lithic scatter near Annapolis Junction in western Anne Arundel County. The site is situated on an interior flat just west of a tributary stream to the Little Patuxent River. The area surrounding the stream and just to the east of the site is a freshwater swamp. Most of the surrounding landscape is level to gently-sloping terrain. Native vegetation in the region consisted of oak and other hardwood species with Virginia Pine encroaching in secondary growth areas. Soils at the site were primarily Chillum gravelly loams.

The site was first identified during the course of a 1991 Phase I survey that was expanded into a Phase II testing program. Title 3, Section 109 of the Anne Arundel County Subdivision Regulations stipulates that historic places, architecturally significant buildings and similar irreplaceable assets, including cultural resources, shall be preserved whenever possible. Archeological assessments are required on development projects in areas judged by the County Archeologist to have a high probability of prehistoric and historic materials within their boundaries. In compliance with these regulations, a Phase I archeological survey was conducted on approximately 33 acres (encompassing the location of 18AN816) proposed for development of the National Business Park. The Phase I survey identified several concentrations of historic and prehistoric cultural remains within the (then) proposed construction project area. The County Archeologist subsequently required a Phase II study be performed in areas of artifact concentration.

The Phase I survey entailed both systematic surface collection and shovel test pit (STP) excavation. Most of the study area was plowed fields at the time of the survey and were subjected to surface collection by walking transects spaced 10 meters apart. The transects varied in length from 25 to 110 meters. Several portions of the project area were forested and un-plowable. STPs were dug in these areas at 20 meter intervals. The Phase I survey was to include 125 transects and 20 STPs, however, the nature of the terrain limited the number of transects actually laid out to 83. To adequately test the remaining portions of the project area, a total of 50 STPs were dug during the Phase I investigation.

The Phase II investigation at the National Business Park included 83 shovel test pits, spaced 5 and occasionally 10 meters apart. At two locations where significant artifacts were discovered during Phase I (one positive STP and one surface find), nine STPs were placed around the find spot in groups of four, two meters from the center. Thus, the total number of STPs dug during Phase I and II investigations was 133.

Shovel test pits in both Phase I and II studies were relatively unproductive, indicating that the artifacts are almost entirely confined to the plowzone (with two exceptions). STPs were dug in the vicinity of the prehistoric and historic areas of artifact concentration, but produced minimal findings. Two one-meter square units were dug in what appeared to be anomalous hard-packed soil formations. While initially these appeared to be possible living surfaces or cellar floors, these proved to be hard surfaces of alluvial deposition, and were encountered at widely spaced locations in the project area. No features or other cultural indications were identified below the surface. No additional information is available on the field methods used during 1991.

The total of prehistoric artifacts found during the Phase I and II investigations included one diagnostic argillite Holmes/Bare Island projectile point, 5 quartz and rhyolite point fragments, 2 quartz bifaces, 60 quartz, quartzite, and rhyolite flakes, and 7 hammerstones.

Based on the above findings, a logical conclusion would be that the study area was the site of a short-term hunting camp, probably seasonally occupied between the Late Archaic and Early Woodland Periods, from about 4,000 - 1,900 BC. However, a previous occupant of the site area, a Mr. Henry Bowie, collected a great many more diagnostic projectile points from the fields at the site. Mr. Bowie's collection contained projectile points from a broad time span (Early Archaic-Late Woodland). As precise tallies and locations are not available, these materials are not included in the artifact tables above.

Mid-19th to 20th century artifacts, including kaolin pipe fragments, whiteware, stoneware, and bottle glass were found scattered throughout the plowzone in the construction project area. However, these materials were concentrated primarily outside of the general area of 18AN816. Interviews with Mr. Bowie suggest that these materials may be largely the result of secondary deposit as household trash, ashes, etc. were frequently dumped in the fields by wheelbarrow during his tenure on the property.

Since the site had no stratigraphic integrity and no foundations or prehistoric/historic features were found, no additional archeological work was recommended. The National Business Park now stands at the site, which was almost certainly entirely destroyed during construction. Thus, 18AN816 is not a significant archeological resource.

External Reference Codes (Library ID Numbers):

00000699