



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN185

Site Name: Upper Stony III

Prehistoric

Other name(s)

Historic

Brief Description:

Early & Late Archaic and Middle & Late Woodland short-term resource procurement camps

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code PgB,ZBA

Latitude 39.1334

Longitude -76.7006

Physiographic province Western Shore Coastal

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) Stony Run

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

Minimum distance to water is 34 m

Freshwater

Stream/river

Swamp

Lake or pond

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

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?

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

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	1	Perkiomen	<input type="checkbox"/>
Palmer	<input type="checkbox"/>	Susquehana	<input type="checkbox"/>
Kirk (notch)	2	Vernon	<input type="checkbox"/>
Kirk (stem)	1	Piscataway	2
Le Croy	<input type="checkbox"/>	Calvert	<input type="checkbox"/>
Morrow Mntn	1	Selby Bay	1
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	1
		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	2		

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"/>			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	236	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	36	Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Ceramics (all)	2	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

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 checked="" type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input 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

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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External Samples/Data:

Collection curated at

Additional raw data may be available online

Summary Description:

The Upper Stony III site (18PR185) is the archeological remains of a series of Early to Late Archaic, as well as Middle to Late Woodland short-term resource procurement camps near Arundel Mills, in Anne Arundel County. The site is situated on a low, flat terrace overlooking Stony Run, a tributary of the Patapsco River. The site is located within an agricultural field with field edges wooded. Native vegetation in the area consists of scrub hardwoods which have been invaded by Virginia pine. Soils at the site are primarily Evesboro loamy sands.

The site was first identified in the late 1960s or early 1970s by Wayne Clark, who walked the area in a systematic manner and recovered a total of 43 artifacts. While Clark primarily collected tools, projectile points, rhyolite debitage, and ceramic sherds, some debitage of the locally available quartz was also collected. His collection from the site included 3 Early Archaic points (a Big Sandy side-notched point, a Kirk corner-notched point, and a Kirk stemmed point), 7 Late Archaic points (including a Morrow Mountain, a Halifax side-notched point, a Genesee stemmed point, and 2 Lamoka points), and 4 Woodland points (2 Piscataways, an Adena stemmed point, and a quartz Potomac/Madison), 6 unidentifiable points, 7 other bifaces, 14 other flaked stone objects, and 2 Potomac Creek sherds.

The site was not examined professionally again until November of 2006. At that time the site was subject to a Phase I survey prior to subdivision of the former truck farm property for development into residential housing lots. The Phase I investigation was undertaken in compliance with Article 17, Title 6-502 of the Anne Arundel County Subdivision Regulations and at the request of the Anne Arundel County Department of Planning and Zoning and the County Archeologist. During the course of the survey, Site 18AN185 was re-identified along with two other sites.

Phase I work entailed the excavation of 45 shovel test pits (STPs) which produced a total of 2 artifacts. An additional 29 artifacts were recovered from the surface during the course of fieldwork. One of the surface recovered artifacts was an Early or Middle Archaic projectile point made from quartzite.

The site was then subjected to a Phase II testing program in June of 2007 as a condition of approval for the subdivision of the farm. The 2007 testing began with establishment of a 15.24 m (50 ft) grid across the site area (as identified by previous work). Each of the twenty-three 15.24 X 15.25 m grid square was walked at 3.05 m (10 ft) intervals. Artifacts visible on the surface were flagged in order to provide a visual indication of artifact density. Each was subsequently collected according to their provenience by grid square. The coordinates for each square were taken from the southwest corner and tied to a fixed datum. Once the artifact count for each square had been determined, the numbers and type of artifacts recovered from each square were reviewed and areas of interest within each the site were identified. Because no artifact concentrations were discerned through the systematic surface collection, it appears that no formal test units were excavated within the site.

All of the provenience squares were found to contain artifacts, as was a larger, more amorphous area that incorporated the northern tip of the site. This area, was not identified during the 2006 Phase I as being part of the site, had not been recently plowed and was under tall grass at the time of the investigation. In addition, a local informant reported that a subsurface pipeline had been run through this area during the recent past. Due to the lack of surface visibility this area was only given a cursory walk over.

A total of 200 prehistoric artifacts were recovered from the 24 surface collection squares within Site 18AN185. All of the artifacts recovered from the site were prehistoric lithic in nature, with no prehistoric or historic ceramics evident within the assemblage. The full Phase II assemblage consisted of 5 projectile points, 27 other flaked stone tools, 16 cores/tested cobbles, 117 pieces of debitage, and 36 pieces of fire-cracked rock. Among the projectile points were a quartz Hardaway side-notched point, a quartz Kirk Corner-Notched point, a quartz Lamoka, and a jasper Fox Creek point. Lithic raw materials included quartz (135 objects), quartzite (12), rhyolite (18), chert (1), jasper (1), and miscellaneous stone (21).

The temporally diagnostic artifacts recovered from the site span the period of prehistory from the Early Archaic to the Late Woodland, with a heavy utilization of the locally available quartz material and, to a much lesser degree, the non-local rhyolite. With all stages of lithic reduction and biface reduction represented within the assemblage, as well as a number of tools reflecting animal butchery and hide processing, the site most likely represents a seasonal encampment or short term resource procurement camp. However, the evidence from this investigation along with a reinterpretation of the lithics recovered during Clark's original work has extended the dates of likely occupation of the site to a maximum period of almost 9000 years, with a maximum span stretching from the Early Archaic period through to the end of the Late Woodland period.

Unfortunately, much like 18AN35 (see synopsis report), over the years the site has undergone considerable disturbance by erosional processes coupled with intense agricultural cultivation during the historic period, as well as more recent artifact collecting. Therefore, it is not possible to define the various temporal occupations or the lifeways associated with them.

External Reference Codes (Library ID Numbers):

95000891, Site Files