



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN1250

Site Name: Vineyard Prehistoric Site II

Prehistoric

Other name(s)

Historic

Brief Description:

Prehistoric lithic scatter/transitory hunting camp

Unknown

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 8

SCS soil & sediment code

Latitude 38.7693

Longitude -76.6087

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m

Site slope 0-5%

Ethnobotany profile available

Maritime site

## Nearest Surface Water

Name (if any) Lyons Creek

### Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

Minimum distance to water is 31 m

### Freshwater

Stream/river

Swamp

Lake or pond

Spring

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

## Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Archaic site

MD Adena

Early archaic

Early woodland

Middle archaic

Mid. woodland

Late archaic

Late woodland

Unknown prehistoric context

Contact period site

ca. 1820 - 1860

ca. 1630 - 1675

ca. 1860 - 1900

ca. 1675 - 1720

ca. 1900 - 1930

ca. 1720 - 1780

Post 1930

ca. 1780 - 1820

Unknown historic 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	<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"/>
Dames Qtr	<input type="checkbox"/>	Coulbourn	<input type="checkbox"/>
Selden Island	<input type="checkbox"/>	Watson	<input type="checkbox"/>
Accokeek	<input type="checkbox"/>	Mockley	<input type="checkbox"/>
Wolfe Neck	<input type="checkbox"/>	Clemson Island	<input type="checkbox"/>
Vinette	<input type="checkbox"/>	Page	<input type="checkbox"/>
Shepard	<input type="checkbox"/>	Townsend	<input type="checkbox"/>
Minguannan	<input type="checkbox"/>	Sullivan Cove	<input type="checkbox"/>
Shenks Ferry	<input type="checkbox"/>	Moyaone	<input type="checkbox"/>
Potomac Crk	<input type="checkbox"/>	Keyser	<input type="checkbox"/>
Yeocomico	<input type="checkbox"/>	Monongahela	<input type="checkbox"/>
Susquehannock	<input type="checkbox"/>		

Historic Sherd Types		Stoneware	
<b>Earthenware</b>	Ironstone <input type="checkbox"/>	Staffordshire <input type="checkbox"/>	English Brown <input type="checkbox"/>
Astbury <input type="checkbox"/>	Jackfield <input type="checkbox"/>	Tin Glazed <input type="checkbox"/>	Eng Dry-bodied <input type="checkbox"/>
Borderware <input type="checkbox"/>	Mn Mottled <input type="checkbox"/>	Whiteware <input type="checkbox"/>	Nottingham <input type="checkbox"/>
Buckley <input type="checkbox"/>	North Devon <input type="checkbox"/>	<b>Porcelain</b> <input type="checkbox"/>	Rhenish <input type="checkbox"/>
Creamware <input type="checkbox"/>	Pearlware <input type="checkbox"/>		Wt Salt-glazed <input type="checkbox"/>

All quantities exact or estimated minimal counts

## Other Artifact & Feature Types:

Prehistoric Artifacts			
Flaked stone	42	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	3	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"/>	<input type="checkbox"/>

Prehistoric Features	
Mound(s)	<input type="checkbox"/>
Midden	<input type="checkbox"/>
Shell midden	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>
House pattern(s)	<input type="checkbox"/>
Palisade(s)	<input type="checkbox"/>
Hearth(s)	<input type="checkbox"/>
Lithic reduc area	<input type="checkbox"/>
Storage/trash pit	<input type="checkbox"/>
Burial(s)	<input type="checkbox"/>
Ossuary	<input type="checkbox"/>
Unknown	<input type="checkbox"/>
Other	<input type="checkbox"/>

Lithic Material			
Jasper	<input type="checkbox"/>	Fer quartzite	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Chalcedony	<input checked="" type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	European flint	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Ironstone	<input type="checkbox"/>
		Basalt	<input type="checkbox"/>
		Argilite	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<input 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"/>	<input type="checkbox"/>

Historic Features			
Const feature	<input type="checkbox"/>	Privy/outhouse	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>	Trash pit/dump	<input type="checkbox"/>
Hearth/chimney	<input type="checkbox"/>	Sheet midden	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>
Paling ditch/fence	<input type="checkbox"/>	Road/walkway	<input type="checkbox"/>
		Depression/mound	<input type="checkbox"/>
		Burial(s)	<input type="checkbox"/>
		Railroad bed	<input type="checkbox"/>
		Earthworks	<input type="checkbox"/>
		Mill raceway	<input type="checkbox"/>
		Wheel pit	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<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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Prehistoric

Other name(s)

Historic

Brief Description:

Prehistoric lithic scatter/transitory hunting camp

Unknown

## External Samples/Data:

Collection curated at

Additional raw data may be available online

## Summary Description:

The Vineyard Prehistoric Site II (18AN1250) is a prehistoric lithic scatter or transitory hunting camp near Tracey's Landing in Anne Arundel County. The site is situated on a terrace along the east edge of an agricultural field overlooking Lyons Creek. It is associated with swampy surroundings and may have represented an ideal hunting location in prehistoric times. Soils at the site are Sassafras fine sandy loams, and sandy loams of the Marr and Dodon complex.

The site was first identified in the spring of 2004 during a Phase I survey for the (then) proposed Vineyard/Pear Tree Estates near Tracey's Landing. This new subdivision could potential lead to impacts to any unidentified cultural resources in the area, and Anne Arundel County has enacted local legislation requiring consideration for such resources during the subdivision review process.

Phase I work in 2004 entailed systematic surface survey and the excavation of shovel test pits (STPs) at 20 m intervals on the subject property. Prehistoric artifacts were recovered from both the surface and within plowzone deposits in some of the STPs. However, no artifacts were encountered in deeper deposits and no sub-plowzone features were identified. The Phase I assemblage consisted of a bifacially flaked quartzite tool, a unifacial quartz scraper, 11 quartz flakes, 4 quartz shatter fragments, and 2 possible fire-cracked rock fragments. Given the location of the site within a plowed field, the possibility for plow fractured stone cannot be overlooked and the last two objects are not included in the table of artifacts above. The site was determined to measure approximately 245 meters north to south by 30 meters east to west. No further work was recommended.

In June of 2009, a Phase II testing program was carried out at 18AN1250. While no further archeological investigations were recommended for the site in 2004, due to the ephemeral nature of the artifact deposits as well as an apparent lack of any subsurface features, a review of the Phase I investigation by the Anne Arundel County Archeologist's office prompted reconsideration. As a result of plans to develop Lot 18 (the location of two of the sites identified in 2004), Phase II testing was carried out at 18AN1250.

The Phase II archeological investigation of the site consisted of both close-interval STP survey followed by the excavation of two formal test units placed in areas of high artifact density. Excavation units measured 1 m by 1 m and were excavated in arbitrary 10 cm levels within natural soil strata. All of the excavated soil was passed through hardware mesh and all recovered artifacts were kept for processing in a laboratory setting.

An initial walkover of the site revealed that the far north end of the site exhibited disturbance related to a dirt and gravel farm track. This portion of the site area was therefore omitted from the subsurface survey. Four prehistoric artifacts were recovered from the surface of the site during this walkover: one quartz late-stage biface fragment, a quartzite bipolar core, 1 quartz flake fragment, and a piece of quartz cobble shatter.

A total of 103 STPs were excavated within 18AN1250. The STPs were excavated at 7 m intervals in four transects laid out parallel to the tree line that formed the east boundary of the site. Stratigraphy within 18AN1250 generally consisted of a 25-35 cm plowzone layer of yellowish brown sandy loam over a subsoil of yellowish brown sandy clay.

Seventeen of the excavated STPs were positive for prehistoric artifacts, representing a range of types and materials including quartz bipolar cores (1 object), quartz biface reduction flakes (2 objects), quartz biface reduction flakes (2 objects), chalcedony biface reduction flakes (3), quartz flake fragments (3), chalcedony flake fragments (1), quartz cobble shatter (4), and fire-cracked rock (3). The artifacts were lightly scattered within the positive STPs: only 2 STPs contained more than a single artifact. The positive STPs were clustered primarily in the north half of the site. A second, smaller cluster of positive STPs was defined near the center of the site. The STPs to the south of the smaller cluster were uniformly negative for cultural material.

Several of the positive STPs occurred adjacent to the west and east boundaries of the site. Additional STPs were excavated beyond the west boundary of the site in order to determine whether the distribution of prehistoric artifacts extended beyond the site boundaries established during the Phase I survey. No additional STPs were placed beyond the east boundary of the site as these would have fallen within a designated forest conservation easement. All of the STPs excavated beyond the site boundary were negative for cultural material.

Following the STP survey, two 1 X 1 m test units were excavated at the site in order to investigate vertical distribution of artifacts within the site and to search for possible subsurface features. One unit was placed at the north end of the site, between two positive STPs. The other unit was placed within a small cluster of positive STPs near the center of the site. Artifacts recovered from these two units included 2 quartz biface reduction flakes, and 3 quartz flake fragments. The only feature encountered was a plowscar.

While an analysis of the artifact assemblage suggests that 18AN1250 may have been used as a short-term resource procurement camp, excavations carried out during the Phase II investigation indicate that the site is both ephemeral and confined to the plowzone. This was especially apparent during the excavation of the two test units, from which only a small quantity of artifacts (5 objects) were recovered. No artifact clusters were identified, chronologically discrete occupations and activity areas cannot be isolated, and the site cannot provide significant information related to Maryland's prehistory. No further archeological investigation of the site is recommended.

## External Reference Codes (Library ID Numbers):

95001843, Site Files