



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN750

Site Name: Chestnut Hill Farm 9

Prehistoric

Other name(s)

Historic

Brief Description:

prehistoric lithic scatter, late 18th-19th century house site

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code ZBA, SMF, Rh

Latitude 39.1633

Longitude -76.5446

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m

Site slope 0-40%

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) Tributary of Nabbs Creek

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Minimum distance to water is 23 m

Freshwater

Stream/river

Swamp

Lake or pond

Spring

Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Contact period site

ca. 1820 - 1860

Y

Archaic site

MD Adena

ca. 1630 - 1675

ca. 1860 - 1900

Y

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

Y

Unknown historic context

Unknown prehistoric context Y

Unknown context

Ethnic Associations (historic only)

Native American

Asian American

African American

Unknown Y

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? 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



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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	12	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	172	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain	24	Nottingham	<input type="checkbox"/>
Creamware	6	Pearlware	58			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	10	Human remain(s)	<input type="checkbox"/>
Ground stone	1	Modified faunal	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Unmod faunal	<input type="checkbox"/>
Fire-cracked rock	1	Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	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 type="checkbox"/>	Argilite	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Sandstone	<input type="checkbox"/>

Dated features present at site

Historic Artifacts		Tobacco related	
Pottery (all)	338	Activity item(s)	<input type="checkbox"/>
Glass (all)	394	Human remain(s)	<input type="checkbox"/>
Architectural	289	Faunal material	<input checked="" type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	10
Arms	<input type="checkbox"/>	Floral material	<input checked="" type="checkbox"/>
Clothing	<input type="checkbox"/>	Misc.	239
Personal items	5	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"/>	Burial(s)	<input type="checkbox"/>	Other	<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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External Samples/Data:

Collection curated at

Additional raw data may be available online

Summary Description:

Chestnut Hill Farm 9 is a prehistoric lithic scatter and late 18th-19th century house site east of Glen Burnie and north of Pasadena in northern Anne Arundel County, Maryland. The site is situated on a high terrace on the east bank of a small, southeast-trending intermittent stream. The surrounding area is gently sloping, heavily wooded, and is essentially a large spit of land surrounded on three sides by tidal estuary creeks. Soils at the site are loamy and clayey soils, primarily of the Russett-Christiana-Hambrook complex.

The wooded landscape contains mixed stands of comparatively young red maple, red oak, sweet gum, and other moisture tolerant hardwoods, along with other species of oak in the better drained areas, and Virginia pine, a typical invader of cut woodland or abandoned farmland. The area was in fact used as farmland in the 18th and 19th centuries, and the relatively immature nature of the forest cover suggests that the land remained cleared well into the 20th century. The understory consists of woody plants, such as sumac and sassafras, along with greenbriar, honeysuckle and other vines and creepers. At the time of the site's discovery (1988), evidence of a comparatively recent burn-off event was observed in the form of charred stumps and patches of charred bark on pines. The vegetation described harbors a variety of wildlife, including deer, fox, raccoon, opossum, and skunk, reptiles such as box turtle and black snake, and various song and raptor birds. The nearby estuary systems can support numerous tidal freshwater or estuarine fish species, as well as anadromous herrings, shad, perch, catadromous eel, and various mollusks, clam, oyster, mussel, and crab.

The site was first identified during a Phase I survey conducted in 1988. This survey was conducted across a 143.3 acre parcel of land owned by a development company. The property owners hoped to expand a nearby industrial park (also owned by them) onto the property and the required zoning changes necessitated consideration for archeological resources due to county law.

The Phase I work in the area encompassing 18AN750 entailed investigation with 27 shovel test pits (STPs), most of which were at 15.24 m (50 ft) intervals roughly parallel to the stream courses. Four shovel tests were excavated at closer intervals in an area of suspected prehistoric activity. STPs were around 45 cm in diameter and in all cases were excavated to an average depth of 80 to 100 cm below the surface. The subsoil was encountered in only one instance, at a depth of 90 cm. STPs were excavated by natural stratigraphy and all soils were passed through hardware cloth.

Prehistoric artifacts were recovered from five STPs. Prehistoric artifacts recovered during the course of the Phase I survey included 7 quartz shatter fragments and a piece of fire-cracked rock. Historic materials were also recovered, along both banks of the intermittent stream. On the west bank, materials consisted of 20th century glass and ceramics. Artifacts were more widely spread and occurred in higher frequency on the east bank, where the consisted of late 18th to 20th century domestic debris: ceramics, bottle and vessel glass, clam and oyster shell, and small brick fragments, window glass and nails. Also of interest was a fragment of brown English flint. The historic assemblage consisted of 67 bricks, 9 pieces of window glass, a cut nail, a wire nail, a refined earthenware sherd, a coarse earthenware sherd, 2 creamware sherds, 3 pearlware sherds, 28 whiteware sherds, an annularware sherd, 3 ironstone sherds, 8 porcelain sherds, 2 redware sherds, 2 yellowware sherds, a Rockingham sherd, 69 bottle glass shards, 5 clear vessel glass fragments, 4 clam shell fragments, 6 oyster shell fragments, a kaolin pipe bowl fragment, an unidentified glass fragment, 2 cinder fragments, and an unidentified metal object. Based on these findings, Phase II testing was recommended to gain a better understanding of the nature of the site.

Phase II testing was carried out in 1990 and entailed the excavation of an additional 97 STPs and four 91 cm (3 ft) square test units. First, a center line was established at the site running basically north-south and transects were measured at right angles to the center line and extended east and west. Dependent on the emerging site limits, the grid was extended until no artifacts were recovered from the STPs, or the property boundary was encountered. These STPs were on average ca. 50 cm in diameter and excavated into sterile subsoil. All shovel tests were excavated by natural stratum and screened through hardware cloth.

The STPs revealed a natural stratigraphy that typically consisted of a 3-7 cm thick root mat (Stratum A), a 17-30 cm dark brown silty sand layer (Stratum B), a 12-28 cm thick yellowish brown silty sand layer (Stratum C), 40-48 cm of strong brown sandy silt (Stratum D), and a 10-14 cm red sandy clay loam layer (Stratum E) atop bedrock. Only 4 prehistoric artifacts were recovered from the Phase II STPs: 3 flakes and a grinding stone. Numerous additional historic artifacts were recovered. These are described below.

The four test units were placed in the areas of highest artifact concentration. Excavation proceeded by natural strata and all soils were screened through hardware cloth. Excavation was discontinued 10 cm into the sterile subsoil layer. Upon completion of the unit, one wall profile was drawn to scale and photographed. Data and appropriate measurements were recorded on standardized forms. No additional prehistoric artifacts were recovered, but several historic artifacts were collected from the test units. No features were identified.

The full Phase II historic artifact assemblage consisted of 211 architectural artifacts (73 brick fragments, 94 window glass fragments, 38 nails, and 6 other objects), 286 ceramic sherds (4 creamware, 55 pearlware, 3 export porcelain, 2 European porcelain, 11 undetermined porcelain, 3 semiporcelain, 144 whiteware, 9 ironstone, 13 redware, 2 Rockingham, 8 yellowware, 7 miscellaneous stoneware, 25 unidentified ceramics), 216 bottle and vessel glass fragments, 5 personal items (3 fragments of a resin comb, a cut glass bead, and a fragment of a porcelain figurine), 2 tobacco pipe fragments, and 235 miscellaneous objects. The diagnostic materials range in date from the mid 18th to late 19th centuries. A mean ceramic date of 1847 was calculated on the assemblage.

Analysis of all materials and their vertical and horizontal distribution indicates that while most materials were recovered from Stratum B, that all artifacts were distributed horizontally throughout the site. Due to the close interval STP strategy employed it was felt that there were no structures on the site. A structure may be situated somewhere in the vicinity, or the artifacts may have come from dumping activity.

The lack of prehistoric materials encountered at 18AN750 indicates very limited prehistoric land use in this area. Historic artifacts were recovered but probably represent dumping or remains associated with a structure located off-site. No further work was recommended and the site is not considered to have any significant research potential.

External Reference Codes (Library ID Numbers):

MARYLAND
HISTORICAL



TRUST

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Prehistoric

Other name(s)

Historic

**Brief
Description:**

Unknown

00000583, 00000633