



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN748

Site Name: Chestnut Hill Farm 6/7

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

prehistoric lithic scatter

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code CcrB,SMF

Latitude 39.1631

Longitude -76.5550

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m Site slope 2-40%

Ethnobotany profile available Maritime site

Nearest Surface Water

Name (if any) Unnamed tributary of Nabb

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Minimum distance to water is 15 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 High terrace

Hilltop/bluff Rockshelter/cave

Interior flat Hillslope

Upland flat Unknown

Ridgetop Other

Terrace Low terrace

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		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	<input type="checkbox"/> 6	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)	<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"/>
		European flint	<input type="checkbox"/>
		Basalt	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<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"/>	Burial(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Well/cistern	<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:

Chestnut Hill Farm 6/7 (18AN748) is a prehistoric lithic scatter east of Glen Burnie and north of Pasadena in northern Anne Arundel County, Maryland. The site is situated on a low, flat terrace north of an east-west running streambed that has cut a significant ravine into the surrounding landscape. The gradually rising land just to the north of the terrace is also part of the site. 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 ravine area encompassing 18AN748 entailed investigation with 37 shovel test pits (STPs), most of which were at 15.24 m (50 ft) intervals roughly parallel to the stream courses. Three shovel tests were excavated at closer intervals on the terrace, where a concentration of artifacts was noted. STPs were around 45 cm in diameter and in all cases were excavated into sterile subsoil. The average depth excavated ranged from 35 to 36 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 3 quartz flakes and 3 pieces of quartz shatter. No historic artifacts were encountered during shovel testing in the vicinity of the site. 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 39 STPs and two 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 that the water table was very near the surface (as little as 27 cm below the surface). No artifacts were recovered during the excavation of the Phase II STPs. The two square test units were placed adjacent to positive STPs from the Phase I survey. Excavation of these proceeded by natural strata and all soils were screened through hardware cloth. During excavation of these units, soil conditions were very wet with sterile clay subsoils being reached at relatively shallow depths. Upon completion of each unit, one wall profile was drawn to scale and photographed. Data and appropriate measurements were recorded on standardized forms. Again, no artifacts were recovered (from either unit) and no cultural features were encountered.

Based on the nature of the soil conditions containing high concentrations of water, it was felt that this area would not have been conducive for prehistoric or historic activities. The prehistoric artifacts recovered from Phase I survey probably represent tool maintenance that would accompany hunting or foraging activities by occupants of larger hunting or base camps located in more suitable environments. Site integrity appeared high based on the lack of evidence for ground disturbance, but no cultural affiliation could be determined based on the lack of diagnostic artifacts. The site should not be considered a significant archeological resource.

External Reference Codes (Library ID Numbers):

00000583, 00000633