



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN1019

Site Name: Driving Range

Prehistoric

Other name(s)

Historic

Brief Description:

Early 18th century artifact concentration; Late 19th-20th century artifact concentration

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 38.9925

Longitude -76.4597

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) Mill Creek

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 87 m

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 Y ca. 1900 - 1930

ca. 1720 - 1780 Y Post 1930

ca. 1780 - 1820

Unknown historic context

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

Interpretive Sampling Data:

Prehistoric context samples

Soil samples taken

Flotation samples taken

Other samples taken

Historic context samples

Soil samples taken N

Flotation samples taken N

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"/>	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		Staffordshire		Stoneware	
Astbury	<input type="checkbox"/>	Jackfield	<input type="checkbox"/>		<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>		<input type="checkbox"/>	Whiteware	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Nottingham	<input type="checkbox"/>
Creamware	<input type="checkbox"/>	Pearlware	<input type="checkbox"/>		<input type="checkbox"/>		<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			
Flaked stone	<input type="checkbox"/>	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	<input type="checkbox"/>	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"/>

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 type="checkbox"/>	Fer quartzite	<input type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Quartz	<input type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Steatite	<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"/>

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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Unknown

External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

Summary Description:

The Driving Range Site (18AN1019) consists of both an Early 18th Century artifact concentration and Late 19th-20th century artifact concentration on US Naval Academy property north of Annapolis in Anne Arundel County. The site is situated on a high terrace above Mill Creek, a tidal tributary that drains into Whitehall Bay. The surrounding landscape is gently rolling to hilly and moderately dissected by broad, shallow valleys a few meters above sea level. Vegetation at the site at the time of its discovery in the summer of 2005 was grass expanses surrounded by dense secondary growth. Soils at the site are primarily Cumberstone and Mattapex silt loams.

The site was first identified during the summer of 2005 during the course of a Phase I survey prior to the (then) proposed construction of the Naval Academy Athletic Facility (NAAF) on 18.2 acres of land owned by the US Navy. In accordance with provisions of the National Environmental Policy Act of 1969, the National Historic Preservation Act of 1966, and the Archeological Resources Protection Act of 1979, federally funded, licensed, or approved undertakings must assess their effects on significant cultural resources, including archeological sites and historic standing structures. In order to do this, potentially significant sites must first be identified. Because the project would be located on land owned by the US Navy, the provisions of these legislative acts apply.

Phase I work in the vicinity of the site consisted of surface reconnaissance and the excavation of fourteen shovel test pits (STP) at 20 meter intervals with radials placed at 5 m intervals around positive finds. The STPs were 35 cm in diameter and extended at least 10 cm into undisturbed natural subsoil. All manually excavated soil was passed through hardware cloth to ensure uniform recovery of cultural materials. The locations of all excavations were recorded on a project map and profiles of all shovel test units were recorded. Conditions affecting survey methods and results were documented photographically.

The Phase I investigations encountered a light-density scatter of 18th century materials including plain creamware, white salt-glazed stoneware, buff-bodied stoneware, one possible fragment of Whieldon ware, two kaolin pipestem fragments, and 4 fragments of olive green container glass. All of this material was recovered from plowzone contexts, but together, these materials defined a cluster of contiguous shovel tests with the potential to yield datable materials from the same era. Additionally, tin-glazed "Delft" earthenware and a daub fragment were recovered from one test, possibly signalling the presence of 17th-century deposits (though neither of these finds is necessarily diagnostic of the period). Based on these findings, Phase II testing was carried out that same summer.

The 2005 Phase II investigation entailed the excavation of additional STPs at 5 m intervals, but no formal test unit excavation. Phase II STPs were 40.6 cm in diameter and extended into undisturbed natural subsoil just over 9 cm. All manually excavated soil was passed through hardware cloth to ensure uniform recovery of cultural materials and recordation was carried out as in the Phase I survey.

A total of 283 STPs were excavated in 2005 in association with the Driving Range Site, 60 of which produced artifacts. Stratigraphy in this area consisted, in general, of a brown to yellow silty loam to silty clay loam ranging in depth from 10 to 33 cm below surface. Subsoil consisted of a brownish yellow to yellow clay. A concentration of mixed fill, possibly associated with existing utilities, was identified, but no other features were identified. Occasionally the upper stratum was discerned as two layers: the uppermost consisting of a brownish yellow clay loam reaching a depth of 15 cm followed by a yellow clay to a depth of 25 cm below surface. A few STPs exhibited a distance humic layer. Artifacts suggest occupation in the early 18th century, as well as the late 19th thru 20th centuries. Nearly all of the artifacts were dispersed across the site, suggesting little to no integrity for the site.

The 2005 artifact assemblage from 18AN1019 (both Phase I and II) consisted of 1 washer, 8 pieces of window glass, 23 brick fragments, 2 asphalt fragments, 1 cut nail, 11 wire nails, 8 unidentified nail fragments, 1 piece of mortar, 1 Buckley sherd, 1 tin-glazed earthenware sherd, 3 whiteware sherds, 4 porcelain sherds, 1 Rhenish stoneware sherd, 21 pieces of bottle glass, 1 bone fragment, 46 oyster shell fragments, 12 pieces of shell, 1 kaolin pipe stem, 11 pieces of slag, 12 pieces of charcoal, 2 pieces of coal, 9 ferrous metal fragment, a concretion, and 3 pebbles.

Based on the relatively ephemeral nature of these deposits and the lack of subsurface integrity, it is unlikely that further investigation of the Driving Range site (18AN1019) would provide significant information concerning life in the past. The resource was not recommended eligible for listing on the NRHP. No further investigation is recommended.

External Reference Codes (Library ID Numbers):

97002559, Site Files