



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CH751

Site Name: Highland Farm 1

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Late Archaic and Late Woodland base camp & lithic procurement site

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 11

SCS soil & sediment code Aura

Latitude 38.5363

Longitude -76.9270

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) Unnamed tributary of Kerric

- | Saltwater                                    | Freshwater                                       |
|--|--|
| Ocean <input type="checkbox"/>               | Stream/river <input checked="" type="checkbox"/> |
| Estuary/tidal river <input type="checkbox"/> | Swamp <input type="checkbox"/>                   |
| Tidewater/marsh <input type="checkbox"/>     | Lake or pond <input type="checkbox"/>            |
|  | Spring <input type="checkbox"/>                  |

Minimum distance to water is 100 m

## 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 <input checked="" type="checkbox"/> | Misc. ceremonial <input type="checkbox"/>             |
| Village <input type="checkbox"/>                    | Rock art <input type="checkbox"/>                     |
| Hamlet <input type="checkbox"/>                     | Shell midden <input type="checkbox"/>                 |
| Base camp <input checked="" type="checkbox"/>       | STU/lithic scatter <input type="checkbox"/>           |
| Rockshelter/cave <input type="checkbox"/>           | Quarry/extraction <input checked="" type="checkbox"/> |
| Earthen mound <input type="checkbox"/>              | Fish weir <input type="checkbox"/>                    |
| Cairn <input type="checkbox"/>                      | Production area <input type="checkbox"/>              |
| Burial area <input type="checkbox"/>                | Unknown <input type="checkbox"/>                      |
| Other context <input type="checkbox"/>              |   |

### Historic

Urban/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 N

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	2
		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	2

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	1762	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	222	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	113	Oyster shell	<input type="checkbox"/>
Ceramics (all)	2	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 checked="" 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 checked="" type="checkbox"/>
Chert	<input checked="" type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>
Fer quartzite	<input type="checkbox"/>
Chalcedony	<input type="checkbox"/>
Ironstone	<input type="checkbox"/>
Argilite	<input type="checkbox"/>
Steatite	<input type="checkbox"/>
Sandstone	<input type="checkbox"/>
Sil 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			
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.	22
		Other <input type="checkbox"/>	<input type="checkbox"/>

Historic Features	
Const feature	<input type="checkbox"/>
Foundation	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>
Hearth/chimney	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>
Paling ditch/fence	<input type="checkbox"/>
Privy/outhouse	<input type="checkbox"/>
Well/cistern	<input type="checkbox"/>
Trash pit/dump	<input type="checkbox"/>
Sheet midden	<input type="checkbox"/>
Planting feature	<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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Brief Description:

Late Archaic and Late Woodland base camp & lithic procurement site

Unknown

## External Samples/Data:

Collection curated at

Additional raw data may be available online

## Summary Description:

Highland Farm 1 (18CH751) is a Late Archaic and Late Woodland base camp east of La Plata in rural Charles County. The majority of the site consists of a relatively flat, open field that was, by the time of the site's excavation in 2005, covered with young trees and succession undergrowth. A dirt agricultural track crossed the field from the northeast to the southwest. The easternmost portion of the site was more steeply sloped and was also a more mature woodland environment. Soils at the site are primarily Beltsville silt loams.

The site was first identified in the fall of 2005 during the course of a Phase I survey for the Highland Farm residential development. The project would later be expanded to a Phase II level of effort at 18CH751, with work continuing until February of 2006. Phase I survey was carried out across 57 acres of a 143 acre former farm property. The remaining 85 acres were to be set aside as open space and were not surveyed. The study was undertaken as part of a Section 404 (wetland) permit evaluation. It was carried out in accordance with provisions of the National Environmental Policy Act of 1969, the National Historic Preservation Act of 1966 (as amended), and the Archeological Resources Protection Act of 1979, which necessitate assessment of a project's impact of cultural resources when the work is federally funded or (as in the case) approved.

The Phase I project entailed both pedestrian survey and the excavation of 756 shovel test pits (STPs) over the entire 57 acre survey area. STPs were placed at 20 m intervals and judgmentally in order to ensure full coverage of all vegetated areas thought to have archeological potential. In the vicinity of Site 18CH751 a total of 106 STPs were excavated, 36 of which produced artifacts. The materials produced were primarily prehistoric lithics and, thus, prehistoric site 18CH751 was defined.

In total 195 lithic artifacts were recovered during the Phase I work at Highland Farm 1. No prehistoric ceramics or historic artifacts were recovered and the artifact density varied between 1 and 15 artifacts per STP. The site was defined as a roughly 200 by 145 meter swathe running northeast/southwest. Most of the lithic objects in the assemblage were quartz (131 objects) or quartzite (58 objects). Only three items of non-local "exotic" lithic materials were recovered including a small, non-diagnostic rhyolite projectile point. The full Phase I assemblage consisted of 1 Bare Island point, 1 spokeshave, 3 bifaces, 6 unifaces, 3 flake tools, 19 flakes, 48 pieces of shatter, 5 cores, and 104 other lithics.

Based upon the identification of the single diagnostic (Bare Island) point and the lack of evidence for the existence of any prehistoric ceramics, subject to further investigations, the prehistoric component of Site 18CH751 was assigned a tentative occupation date within the Late Archaic/Early Woodland Periods. Based on the type, density, and provenience of the artifacts recovered from the site it was determined that this site was potentially eligible for listing on the NRHP and a Phase II archeological evaluation was conducted.

Phase II work at the site entailed the excavation of nineteen 1 X 1 m test units (two of the units were adjacent forming a 1 X 2 m block) and a total of 13 supplemental STPs excavated in the vicinity of a soil anomaly. Units were excavated by natural stratigraphy and where strata were thick, by 10 cm arbitrary levels. Written records were kept detailing the excavation of each unit and units were photographed and drawn in profile and plan as appropriate. Shovel tests measured approximately 40 cm (16 in) in diameter and extended into undisturbed natural subsoil. Manually excavated soil was passed through hardware cloth to ensure uniform artifact recovery. Test unit and STP locations were recorded on a plan map and a profile of each test unit was also recorded. Narrative field notes and photographs were also produced to document the results of the field investigation.

Initially, 10 test units were laid in an excavated based on the results of the Phase I survey together with site topography. The locations of the remaining 9 units were then determined based upon a combination of the same formula and the results of the preceding ten units. A number of units were also placed with consideration to the location of a proposed road which would pass through the site as part of the new development.

Diagnostic materials recovered during the Phase II work identified two archeological components: a Late Archaic occupation and a Late Woodland occupation. Phase II work did not identify any cultural features, however, a number of artifact concentrations were identified, along with possible activity areas (based on tool assemblage and the recovery of heat-treated cobbles and fire-cracked rock). In general it was not possible to draw anything but the most generalized of conclusions regarding these areas due to the agricultural disturbances that have affected the site.

Phase I and II archeological investigations of 18CH751 highlighted the fact that, while covering a large surface area, much of the subsurface vertical integrity of the site has been disturbed. This is primarily due to intense historic agricultural disturbance in the central and northern section of the site, although (due to the coarseness of the site's sandy soils) soil conflation is also an issue throughout the site as a whole. One portion of the site did exhibit a comparatively deep plowzone in an area of pronounced elevation. It was posited that this anomalous soil morphology might be an indication of sub-plowzone integrity in this area, but excavations did not demonstrate such.

The Phase II artifact assemblage included 1,964 artifacts, the vast majority (1,940 objects) being prehistoric lithics. Again, the vast majority of the lithic items were quartz (1,140 objects) and quartzite (710 objects). Exotic, non-local materials such as chert, jasper, and rhyolite comprised a nominal amount. The remaining artifacts were 2 prehistoric sherds and 22 modern items.

The Phase II artifact assemblage consisted of 7 Bare Island points, 2 triangular Potomac points, 33 other bifaces, 22 unifaces, 40 flake tools, 61 cores of core fragments, 40 tested cobbles, 1,163 flakes, 308 pieces of shatter, 9 other lithics (hammerstones and grinding stones), 222 pieces of fire-cracked rock, and 2 Potomac Creek sherds.

Based on the data accumulated during the Phase II evaluation of Highland Farm 1 (18CH751), the site was interpreted as a relatively large base camp, primarily occupied during the Late Archaic period. An additional, smaller, occupational component probably dating to the Late Woodland Period was also identified within the site's boundaries, overlaying the Archaic component. The Phase II researchers recommended that additional work be carried out at the site prior to final approvals for the impending development, based on the possibility that intact deposits might be encountered in the area of anomalous soil morphology (see above). However, the MHT disagreed with this assessment and stated that the site's loss of integrity, complete lack of cultural features, and the site's inability to address specific data recovery-level research questions precluded requiring additional work out of the developer. Any remaining portions of the site have likely been heavily impact by the subsequent construction of the new development. The site should no longer be considered a significant archeological resource.

MARYLAND  
HISTORICAL



TRUST

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Site Number:

Site Name:

Prehistoric

Other name(s)

Historic

**Brief  
Description:**

Late Archaic and Late Woodland base camp & lithic procurement site

Unknown

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**External Reference Codes (Library ID Numbers):**