



# Phase II and Phase III Archeological Database and Inventory

Site Number: 18ST372

Site Name: Long

Prehistoric

Other name(s) Tract 59

Historic

Brief Description:

Early, Middle, and Late Woodland artifact scatter, 18th - 19th century artifact scatter

Unknown

## Site Location and Environmental Data:

Maryland Archeological Research Unit No. 10

SCS soil & sediment code Ot,MuA

Latitude 38.1502

Longitude -76.4186

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m Site slope 0-2%

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
- 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

### Nearest Surface Water

Name (if any) Molls Cove

#### Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

#### Freshwater

Stream/river

Swamp

Lake or pond

Spring

Minimum distance to water is 289 m

## Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Contact period site  ca. 1820 - 1860  Y

ca. 1630 - 1675  ca. 1860 - 1900  Y

Archaic site

MD Adena

ca. 1675 - 1720  ca. 1900 - 1930

Early archaic

Early woodland  Y

ca. 1720 - 1780  Post 1930

Middle archaic

Mid. woodland  Y

ca. 1780 - 1820  Y

Late archaic

Late woodland  Y

Unknown historic context

Unknown prehistoric 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
- 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? 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

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

Refuse Disposal

## Interpretive Sampling Data:

### Prehistoric context samples

Soil samples taken N

Flotation samples taken N

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 |                          | 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 Mtn             | <input type="checkbox"/> | Jacks Rf (notch) | <input type="checkbox"/>   |
| Guilford               | <input type="checkbox"/> | Jacks Rf (pent)  | <input type="checkbox"/> 1 |
| 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"/> 1 | 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"/> 1 |               |                          |
|               |                            |                |                          | Potomac Cr    | <input type="checkbox"/>   |               |                          |

### Historic Sherd Types

|                    |                            |             |                            |                  |                          |                  |                          |
|--------------------|----------------------------|-------------|----------------------------|------------------|--------------------------|------------------|--------------------------|
| <b>Earthenware</b> |                            | Ironstone   | <input type="checkbox"/>   | Staffordshire    | <input type="checkbox"/> | <b>Stoneware</b> |                          |
| 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-bodie    | <input type="checkbox"/> |
| Buckley            | <input type="checkbox"/>   | North Devon | <input type="checkbox"/>   | <b>Porcelain</b> | <input type="checkbox"/> | Nottingham       | <input type="checkbox"/> |
| Creamware          | <input type="checkbox"/> 1 | Pearlware   | <input type="checkbox"/> 1 |                  |                          | 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"/> 63 | 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"/> 74 | Oyster shell                   | <input checked="" type="checkbox"/> |
| Other lithics (all)   | <input type="checkbox"/>    | Floral material                | <input type="checkbox"/>            |
| Ceramics (all)        | <input type="checkbox"/> 2  | Uncommon Obj.                  | <input type="checkbox"/>            |
| Rimsherds             | <input type="checkbox"/>    | Other <input type="checkbox"/> | <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 checked="" type="checkbox"/> | Chalcedony     | <input type="checkbox"/>            |
| Chert         | <input checked="" type="checkbox"/> | European flint | <input type="checkbox"/>            |
| Rhyolite      | <input type="checkbox"/>            | Ironstone      | <input type="checkbox"/>            |
| Quartz        | <input checked="" type="checkbox"/> | Basalt         | <input type="checkbox"/>            |
| Quartzite     | <input type="checkbox"/>            | Argilite       | <input type="checkbox"/>            |
|               |                                     | Unknown        | <input checked="" type="checkbox"/> |
|               |                                     | Steatite       | <input type="checkbox"/>            |
|               |                                     | Other          | <input type="checkbox"/>            |
|               |                                     | Sandstone      | <input type="checkbox"/>            |

Dated features present at site

| Historic Artifacts |                            | Tobacco related                |                             |
|--------------------|----------------------------|--------------------------------|-----------------------------|
| Pottery (all)      | <input type="checkbox"/> 2 | Activity item(s)               | <input type="checkbox"/>    |
| Glass (all)        | <input type="checkbox"/> 8 | Human remain(s)                | <input type="checkbox"/>    |
| Architectural      | <input type="checkbox"/> 9 | 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"/> 65 |
| Personal items     | <input type="checkbox"/>   | Other <input type="checkbox"/> | <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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Brief

Description:

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Unknown

## External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

## Summary Description:

The Long Site (18ST372) is an Early-Middle Woodland artifact scatter and historic refuse scatter at the Webster Field Annex of the Naval Air Station Patuxent River in St. Mary's County. The site is situated within an agricultural field that is part of a larger interior flat. St. Ingoes Creek is situated a short distance to the north, and Fort Point and an unnamed stream and pond are to the west. Soils at the site are primarily Othello silt loams, with some Mattapex silt loams present as well.

The site was first identified during a 1981 St. Mary's City archeological field school, run in conjunction with the Southern Maryland Regional Preservation Center (now a part of the Jefferson Patterson Park and Museum). The survey was carried out over 19 agricultural fields at Webster Field. The fields were surveyed through a controlled surface collection and in a few cases subsurface testing.

The 1981 field school identified the Long Site based on controlled surface collection, and defined it as the full extent of a farm field, encompassing 2.9 acres. The site was found to have a prehistoric component dating to the Early and Middle Woodland periods and was thought to be a short-term resource procurement site and encampment. Field records indicate that the survey recovered 134 prehistoric artifacts, including a sherd of Accokeek cordmarked, a Jack's Reef Pentagonal point, and an un-typed projectile point/knife. The remaining prehistoric artifacts were debitage (58) and fire-cracked rock (73).

The site also was found to have a historic component, with 65 artifacts recovered spanning the 19th and 20th centuries. Recovered artifacts include American blue and gray stoneware, redware, bottle glass and brick fragments. The historic assemblage was thought to be indicative of either the presence of outbuildings or the result of field dumping. The historic artifacts are all cataloged as "miscellaneous" items in the table above. The site was considered potentially significant and additional investigation of the site was recommended.

No further archeological work is documented to have taken place at 18ST372 until 2010. At that time, the site was investigated as part of National Historic Preservation Act (NHPA) compliance studies related to new construction at the installation. The Army National Guard, a tenant activity at the Webster Field Annex, was planning to construct a new hangar for Unmanned Aerial Vehicles (UAVs) that might impact a portion of the Long Site.

In the 2010 Phase II investigation of 18ST372, the scope of the project was to define the boundaries of the site and to determine its nature, research potential, and state of integrity. To this end, systematic subsurface testing via shovel testing was carried out to determine the structure of the site, what activities took place, and how they were organized spatially. Based on the distribution of artifacts revealed by shovel testing and the Phase I work, 8 formal test units were then excavated.

Shovel tests were initially placed at 15 meter intervals on four transects oriented the length of the field. "Transect A" was positioned along the western margin of the field, near a drainage ditch, and was only excavated in its southern extent because of standing water and wetlands further north. The four transects were spaced 7.5 meters apart, and the grid was staggered. Thick vegetation made it very difficult to accurately position shovel tests and maintain proper spacing along the transects, leading to imperfections in the grid. Close-interval shovel tests with 7.5 meter spacing were excavated around positive finds. Test units were excavated to examine artifact densities more closely, to search for features, and to allow a more detailed examination of site stratigraphy. In all, 115 shovel tests were excavated during the Phase II project.

Each shovel test measured approximately 35 cm in diameter and extended a minimum of 10 cm into subsoil. All soil from the shovel tests was screened through hardware cloth for the recovery of artifacts. Artifacts post-dating 1950 were noted and discarded in the field. Brick was sampled, with most of the material discarded in the field. Shovel tests were recorded on standardized field forms with soils data and field maps were generated showing testing locations. Digital photographs were taken to document the investigation areas.

Test units were excavated in areas where the Phase I survey had identified artifact concentrations and where Phase II shovel testing yielded artifact concentrations. Test units measured 1 X 1 m and were excavated into subsoil. The plowzone was screened in its entirety and excavated as a single level. Below the plowzone, excavation levels followed natural stratigraphy with arbitrary 10 cm levels for vertical control. Subsoil was sampled with the excavation of one 10 cm thick level across the entirety of the unit, followed by a 50 X 50 cm window a further 10 cm into the subsoil. Each stratum or level was recorded on standardized field forms, and scaled stratigraphic profiles and plan views were drawn. Test unit locations were recorded on field maps as well.

The stratigraphy of the site was found to consist of a thin humus above a plowzone. Underneath the plowzone is a gleyed, fine-textured subsoil. No features were identified at the site. Artifacts were typically recovered from the humus and plowzone strata, although one piece of quartz debitage was recovered from below the plowzone in a shovel test.

The investigation yielded only traces of prehistoric and historic activity, all concentrated in the central and northern portions of the site. A total of 11 historic artifacts was recovered from the site, including a fragment of creamware (1762-1820), a fragment of hand-painted pearlware (1775-1820), a machine-cut nail, and 8 pieces of window glass. The historic assemblage of the site is interpreted as a refuse scatter spanning the 18th through the 20th century. The prehistoric assemblage from the Phase II investigation totaled 5 artifacts, consisting of 1 piece of prehistoric pottery (likely Late Woodland Moyaone ware), 3 pieces of debitage, and 1 piece of fire-cracked rock. The site assemblage suggests that short-term resource procurement was the primary site activity, with perhaps wetland resources, such as Tuckahoe (Peltandra virginica), or tree mast procured and cooked on site. Given that Early Woodland and Middle Woodland diagnostic artifacts were recovered during the Phase II investigation, it would appear that the procurement activities at the site spanned the Woodland period, from circa 1200 BC to AD 1600.

The Long Site (18ST372) has very low information potential with low artifact counts and no identified features. The site has two components, a prehistoric occupation associated with short-term resource procurement, and historic artifacts, which are a refuse scatter in a plowed field. Both resource types are commonplace in the region, and this site is not an outstanding example of those resource types. The Phase II investigation showed that the site has poor integrity, with artifacts from the occupations found principally in a plowzone. The site is not a significant resource.

## External Reference Codes (Library ID Numbers):



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