



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CE284

Site Name: Herron Lane

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Early Archaic short-term resource procurement

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 6

SCS soil & sediment code

Latitude 39.6310

Longitude -75.8565

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation 18 m

Site slope

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) Little Elk Creek

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Minimum distance to water is 0 m

Freshwater

Stream/river

Swamp

Lake or pond

Spring

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
- 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?

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 | <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 | | | |
|-----------------------|--------------------------|------------------|--------------------------|
| 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 checked="" type="checkbox"/> | Fer quartzite | <input type="checkbox"/> | Sil sandstone | <input type="checkbox"/> |
| Chert | <input checked="" 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 checked="" 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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External Samples/Data:

Collection curated at MAAR, Associates

Additional raw data may be available online

Summary Description:

The Herron Lane Site (18CE284) represents an Early Archaic specialized procurement site. It is located near Childs in Cecil County. The site is situated on the first terrace on a meander of Little Elk Creek. There were 2 soil profiles identified in the site area. The first consisted of three stratigraphic layers (ca. 10 cm of brown 10YR 5/3 silt loam (plowzone), ca. 20 cm pale brown 10YR 6/3 silt loam, and ca. 8 cm brownish-yellow 10YR 6/6 clayey silt subsoil) and the second consisted of plowzone underlain by subsoil. The site area measures approximately 183 m by 61 m.

Site 18CE284 was identified during a Phase I/II transmission line survey conducted in late 1990 and early 1991, which was undertaken on behalf of the Conowingo Power Company of Maryland. When constructed, the transmission line, which was to extend approximately 25.75 km (16 miles) from the Colora Substation near Rising Sun to the Cecil Substation in Elkton, was to consist of single pole structures trending in an east-west orientation across the county. These were to parallel existing lines. Along the transmission line corridor, the right-of-way ranged from 30.48 m to 51.8 m (100-170 ft) in width. An alignment shift from the initial construction plan meant that two Phase I surveys were conducted between I-95 and Elkton. The goals of the investigations were to locate and identify any cultural resources within the proposed right-of-way (ROW), to determine site boundaries and site integrity, to evaluate the impact of the proposed construction on those resources, and to determine if any of those resources were eligible for listing on the National Register of Historic Places.

Phase I/II investigations involved the examination of individual pole structure locations either through a surface collection of the area, or through the excavation of a 1 m² test unit, or both. If artifacts were recovered from the initial investigation, then shovel test pits (STPs) were dug around the proposed structure location. Wooded and overgrown areas along the proposed alignment were tested through the excavation of 2 transects of STPs placed at 20 m intervals. Additional surface collection procedures and the excavation of additional STPs and test units were done where appropriate. Detailed documentary and historical research was conducted for several of the sites located during the field investigations. For ease of presentation, the transmission line right-of-way was divided into 8 arbitrary segments from west to east, designated as Segments A through H.

Site 18CE284 was located at proposed Structure 14/2 and Shovel Test Pit Area 22 within the proposed original alignment of Segment G. Artifacts were surface collected from an area encompassing approximately 45.72 m x 91.44 m (150x300 ft), and artifacts were recovered from two 1 m² test units and from 8 of the 14 STPs that were dug. No cultural features were encountered. All artifacts were recovered from the A-horizon.

A total of 131 artifacts were recovered from the transmission line ROW as listed in the artifact inventory. There were 64 prehistoric artifacts including 63 flakes (34 jasper, 28 quartz, 1 chert) and 1 black jasper LeCroy point. Primary, secondary, and tertiary flakes were recovered. The text indicated that a jasper biface and an undisclosed number of fire-cracked rock fragments were also recovered from the site; however, these items were not listed in the artifact inventory and are not included in the table above.

A total of 67 historic artifacts were also collected. This included 17 architectural items (1 window glass shard, 1 flat glass fragment, 4 wire nails, 11 unidentified nails), 32 kitchen-related items (3 bottle glass fragments, 1 table glass fragment, 1 milk glass fragment, 6 redware sherds (2 glazed, 4 unglazed), 1 whiteware sherd, 11 tin can pieces), and 18 miscellaneous items (4 pieces of slag, 14 pieces of coal). It is unclear why there is a discrepancy between the number of historic items listed in the artifact inventory (n=67) and the number stated in the text (n=19).

The Herron Lane Site (18CE284) was interpreted to represent an Early Archaic specialized procurement site. The historic field scatter was determined not to contribute to the significance of the site. The Conowingo Power Company chose an alternate alignment for this portion of the transmission line and relocated it to the west of the original alignment. Due to these changes in the design plan, site 18CE284 was not impacted by the construction. If earth moving activities are at some point undertaken at the site, then additional archeological testing may help to define the site boundaries and perhaps determine site functionality.

External Reference Codes (Library ID Numbers):

00005737