



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CE280

Site Name: Long Green Farm II

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

prehistoric short-term resource procurement

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 16

SCS soil & sediment code

Latitude 39.6625

Longitude -75.9981

Physiographic province Eastern Piedmont

Terrestrial site

Underwater site

Elevation 98 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) Northeast Creek

#### Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

Minimum distance to water is 0 m

#### Freshwater

Stream/river

Swamp

Lake or pond

## 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			
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

<b>Earthenware</b>		Ironstone	<input type="checkbox"/>	Staffordshire	<input type="checkbox"/>	<b>Stoneware</b>	
Astbury	<input type="checkbox"/>	Jackfield	1	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	4	Eng Dry-bodied	<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"/>	Pearlware	3			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	257	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 checked="" 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)	18	Tobacco related	<input type="checkbox"/>
Glass (all)	5	Activity item(s)	<input type="checkbox"/>
Architectural	4	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.	2
		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:

Long Green Farm II (18CE280) represents a temporally undiagnostic prehistoric resource procurement camp. A small historic scatter was also present across the site. It is located in a fallow field near Zion, in Cecil County. The site is situated on a narrow terrace at the toe of a gentle slope, south of and adjacent to North East Creek. The terrace is only slightly elevated above the creek, making the site subject to occasional flooding. Soils in the area are primarily Glenelg loam (8-15% slope), Glenville silt loam (3-8% slope), and Hatboro silt loam (0-3%). The site area measures approximately 70 m by 30 m. The long axis of the site parallels the creek.

Site 18CE280 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 m<sup>2</sup> test unit, or both. If artifacts were recovered from the initial investigation, then shovel test pits (STPs) were dug around the proposed structure location at 10 m intervals. 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 18CE280 was located during the course of the excavation of four 1 m<sup>2</sup> test units placed at the proposed location of Structure 6/4 and the excavation of 14 STPs in Segment C. The excavation of an additional 37 STPs and 6 test units was undertaken following initial identification of the site. The southern boundary of the site was determined by the limits of the ROW. Excavations revealed a series of 3 separate strata or A horizons, each of which was thought to represent several superimposed historic plowzones and levels of colluvial soil. All but 12 (4% of the total) of the recovered artifacts were found in the plowzone. No diagnostic artifacts were recovered.

One feature (Feature 1) was identified at 40 cm below the ground surface in the test unit placed at the proposed location of Structure 6/4. It was comprised of an oblong 1 m x 1.5 m concentration of largely unbroken river cobbles. The feature was interpreted to be either the base of a hearth or a collection of raw materials for knapping. The test unit, and hence the feature, was placed adjacent to the stream bank which suggested that the raw material was being collected from and worked in that location. Most of the artifacts recovered from the site were found at the location of proposed Structure 6/4.

A total of 257 prehistoric artifacts were recovered from the transmission line ROW. There were 248 pieces of debitage (241 quartz, 3 jasper, 1 quartzite, 3 chert), 8 quartz cores, and 1 non-diagnostic quartz biface fragment. The quartz debitage represents all phases of tool production.

A total of 29 historic artifacts were recovered from the transmission line ROW. There were 4 architectural items (2 brick fragments, 1 cut nail, 1 spike), 23 kitchen items (5 bottle glass fragments, 1 Jackfield sherd, 3 pearlware sherds, 4 whiteware sherds, 9 redware sherds, 1 unidentified stoneware sherd), and 2 miscellaneous items (pieces of coal). These 19th century historic artifacts were widely scattered along the surface of the tested area, and throughout the plowzone. They did not appear to be associated with an in situ occupation of the area; rather, they were probably the result of the spreading of fertilizer or incidental discard.

The Long Green Farm II Site (18CE280) appeared to the excavators to represent a very short term encampment at which a single activity occurred. The activity likely consisted of the manufacture of quartz tools from locally procured river cobble materials. Although containing a relatively undisturbed feature associated with a disturbed and mixed activity area (disturbed from plowing and natural processes like water action), it was determined that the site had no potential for yielding additional significant data.

## External Reference Codes (Library ID Numbers):

00005737