



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CE154

Site Name: 10001-2

Prehistoric

Other name(s)

Historic

Brief Description:

Early and possibly Late/Terminal Archaic short-term resource procurement; Historic artifact scatter

Unknown

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 16

SCS soil & sediment code

Latitude 39.7001

Longitude -76.1774

Physiographic province Eastern Piedmont

Terrestrial site

Underwater site

Elevation 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) tributary of Conowingo Cre

- | 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 184 m

## Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Contact period site  ca. 1820 - 1860

ca. 1630 - 1675  ca. 1860 - 1900

Archaic site

MD Adena

ca. 1675 - 1720  ca. 1900 - 1930

Early archaic

Early woodland

ca. 1720 - 1780  Post 1930

Middle archaic

Mid. woodland

ca. 1780 - 1820

Late archaic

Late woodland

Unknown historic context

Unknown prehistoric context

Unknown context

### Ethnic Associations (historic only)

- |   |   |
|---|---|
| Native American <input type="checkbox"/>  | Asian American <input type="checkbox"/>     |
| African American <input type="checkbox"/> | Unknown <input checked="" type="checkbox"/> |
| Anglo-American <input type="checkbox"/>   | Other <input type="checkbox"/>              |
| Hispanic <input type="checkbox"/>         |   |

Y=Confirmed, P=Possible

## Site Function Contextual Data:

### Prehistoric

- |   |  |
|---|--|
| Multi-component <input 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 type="checkbox"/>        | STU/lithic scatter <input checked="" type="checkbox"/> |
| Rockshelter/cave <input type="checkbox"/> | Quarry/extraction <input 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? 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 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)	1	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"/>
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	<input type="checkbox"/>	Keyser	<input type="checkbox"/>
Yeocomico	<input type="checkbox"/>	Monongahela	<input type="checkbox"/>
Susquehannock	<input type="checkbox"/>		

Historic Sherd Types			
<b>Earthenware</b>		Ironstone	<input type="checkbox"/>
Astbury	<input type="checkbox"/>	Jackfield	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>
Creamware	<input type="checkbox"/>	Pearlware	<input type="checkbox"/>
Staffordshire	<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>
Whiteware	1	Porcelain	<input type="checkbox"/>
Stoneware		English Brown	<input type="checkbox"/>
Eng Dry-bodied	<input type="checkbox"/>	Nottingham	<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	143	Other fired clay	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Stone bowls	9	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"/>
Chert	<input checked="" type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	European flint	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>
		Basalt	<input type="checkbox"/>
		Argilite	<input type="checkbox"/>
		Unknown	<input checked="" type="checkbox"/>
		Steatite	<input checked="" type="checkbox"/>
		Other	<input type="checkbox"/>
		Sandstone	<input type="checkbox"/>

Dated features present at site

Historic Artifacts			
Pottery (all)	4	Tobacco related	<input type="checkbox"/>
Glass (all)	2	Activity item(s)	<input type="checkbox"/>
Architectural	5	Human remain(s)	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Faunal material	<input type="checkbox"/>
Arms	1	Misc. kitchen	1
Clothing	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Personal items	<input type="checkbox"/>	Misc.	1
		Other	<input type="checkbox"/>

Historic Features			
Const feature	<input type="checkbox"/>	Privy/outhouse	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>	Trash pit/dump	<input type="checkbox"/>
Hearth/chimney	<input type="checkbox"/>	Sheet midden	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>
Paling ditch/fence	<input type="checkbox"/>	Road/walkway	<input type="checkbox"/>
Depression/mound	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Burial(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Railroad bed	<input type="checkbox"/>		
Earthworks	<input type="checkbox"/>		
Mill raceway	<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 MAC Lab

Additional raw data may be available online

## Summary Description:

Site 10001-2 (18CE154) represents a short-term resource procurement camp, possibly dating to the Archaic period. It is located near Rock Springs in Cecil County, not far south of the Pennsylvania/Maryland border. The site is situated in a cultivated field, extending eastward from the top of a slight rise, down to the base of the slope. Soils in the site area consist of Montalto silt loam (3-8% slope), Montalto silt loam (8-15% slope), and Neshaminy silt loam (3-8% slope). These soils are all moderately to severely eroded, but not all of the topsoil was removed.

This site was first recorded in 1981 during a pipeline corridor survey for the Columbia Gas Transmission Corporation. The work involved the installation of a 50.8 cm (20") gas replacement pipeline in Harford and Cecil Counties, Maryland. The project area consisted of a 9.144-21.33 m (30-70 ft) wide corridor that extended approximately 11.1 km (6.9 miles) from Dublin, Maryland to the Pennsylvania/Maryland border. The purpose of the project was to locate, identify, and assess any cultural resources that may have been impacted by the installation of the pipeline. The proposed pipeline was to run parallel to, and ultimately replace, the then existing pipeline; the project area has therefore already been impacted by previous construction.

A pedestrian survey at 18CE154 was conducted in March of 1981. The site was initially identified as a surface scatter consisting primarily of prehistoric materials (although 1 historic artifact was found). The prehistoric artifacts were clustered around a serpentine outcropping. Based on the 1981 Phase I survey, the prehistoric component of the site was interpreted to be a procurement site, exploiting both lithic resources and natural resources, as well as exploiting a nearby soapstone outcrop. It was recommended that further testing be conducted at the site in order to determine if intact soils were present.

Prehistoric artifacts (n=28) collected during the non-systematic surface survey in 1981 consisted of 12 quartz flakes, 1 chert flake, 6 jasper flakes and cores, and 1 utilized quartz flake. There were also 8 soapstone fragments, recorded as Stone Bowls in the table above, 1 of which was possibly incised with a groove. Historic artifacts collected during the surface survey consisted of 1 kitchen-related item (a redware sherd).

In May of 1981, archeologists returned to the site to conduct a Phase II investigation. The purpose of testing was to define the site limits, determine cultural affinities if possible, and to determine the functional characteristics of the site. A 10 m x 10 m grid was placed over the portion of the site located within the pipeline corridor. Sixteen grid units were surface collected on top of the ridge (the West Sector) and 6 units at the base of the slope (the East Sector). Subsurface testing consisted of the excavation of 72 shovel test pits (STPs) at 5 m intervals and eleven 1 m x 1 m test units. Soils removed from the STPs were not screened but were trowel-sorted, and all soils removed during the test unit excavations were screened through ¼" mesh. Only the portion of the site within the pipeline corridor was tested.

Testing revealed that the topsoil had been repeatedly plowed to a depth of 25 to 40 cm below the ground surface. The only diagnostic artifact recovered during the surface collection was a Kirk point, which is dated to the Early-Middle Archaic periods (ca. 7000-4000 BC). No artifacts were found in any of the STPs. Test unit excavations indicated that the core of the site was located at the top of the ridge; the materials recovered from the base of the slope were considered to be the result of slope wash.

A total of 136 artifacts were recovered during the Phase II testing. There were 124 prehistoric items: flakes (13 quartz, 95 chert), 1 quartz core or possible core fragment, 13 chert cores, 1 chert Kirk point, and 1 steatite fragment recorded as a Stone Bowl in the table above. There were 12 historic items: 5 architectural items (1 window glass shard, 1 nail fragment, 3 roofing slate fragments), 5 kitchen-related items (1 bottle glass fragments, 2 redware sherds, 1 whiteware sherd, 1 tin can fragment), 1 miscellaneous item (a metal wire fragment), and 1 arms item (a bullet).

Site 10001-2 (18CE154) represents a short-term resource procurement camp, possibly dating to the Archaic period. The identification of the site as a resource procurement station contributes to the knowledge of prehistoric exploitation patterns within the Piedmont region. However, archeological testing failed to reveal occupation levels or subsurface features, and only one diagnostic artifact was identified. Therefore, the site's research potential is limited and no further archeological work was recommended for Site 18CE154.

## External Reference Codes (Library ID Numbers):

00005711, 00005712, Site File