



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CE285

Site Name: Laurel Run

Prehistoric

Other name(s)

Historic

Brief Description:

Middle Archaic, Late Archaic, Late Woodland base camp

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 6

SCS soil & sediment code

Latitude 39.6310

Longitude -75.8623

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) Laurel Run

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

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

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	2	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	2

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	3	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	577	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	2	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	13	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 checked="" type="checkbox"/>	European flint	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Ironstone	<input checked="" type="checkbox"/>	Basalt	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Argilite	<input checked="" type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Sandstone	<input type="checkbox"/>		

Dated features present at site

Historic Artifacts			
Pottery (all)	5	Tobacco related	<input type="checkbox"/>
Glass (all)	5	Activity item(s)	2
Architectural	5	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.	5
		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 Laurel Run Site (18CE285) is a multicomponent site with Middle Archaic, Late Archaic, and Late Woodland base camps. It is located south and west of Laurel Run in Cecil County. The majority of the site is located in a section of wooded terrace adjacent to agricultural fields and to a narrow band of wetland associated with the creek. Local soils are classified as Elsinboro silt loam (3-5% slope). The maximum extent of the site measures approximately 130 m long by 30 m wide.

Site 18CE285 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 18CE285 was identified at the proposed location of Structure 14/1 in the Segment G realignment. In all, ten 1 m² test units, 12 STPs in the wooded portion of the ROW, and an additional 51 STPs designed to establish horizontal boundaries for the site were excavated. Surface collection was conducted in the plowed field immediately south of the wooded portion of the site. Plowing related to agricultural activities appeared to have affected only the topsoil and no plow scars were encountered in any of the units. Soil disturbances at the site appeared to be largely confined to the A stratum, and would have resulted from natural erosion processes and from localized disturbances associated with activities such as logging.

The core of the site was comprised of 3 almost contiguous loci (Locus A-Locus C) and a fourth locus (Locus D) was located near the west boundary of the site. Loci A and B were defined primarily as a result of the concentration of debitage; these areas contained 85% of the debitage recovered from the site. Seventeen of the 19 tools recovered from the site were also found in Loci A and B. Loci C and D were defined by the low recovery of debitage and of tools (n=2). The large quantities and varieties of debitage recovered indicated that activities relating to the manufacture of tools from locally available raw material and the maintenance of curated tools were undertaken at the site. Primary reduction debris accounted for almost half of the debitage and secondary and tertiary reduction debris each accounted for almost 25% of the debitage. The quartz was likely obtained from Laurel Run while the jasper was probably procured from nearby quarries.

According to the artifact inventory in Appendix B of the original report, a total of 669 artifacts were recovered from the transmission line ROW. There were 649 prehistoric objects including 577 pieces of debitage (474 quartz, 88 jasper, 3 quartzite, 8 chert, 1 ironstone, 3 chalcedony), 38 cores (34 quartz, 3 jasper, 1 sandstone), 2 uniface tools (quartz), 1 utilized quartz flake, 1 jasper graver, 5 bifaces (4 quartz, 1 jasper) and 1 quartz point fragment. Nine diagnostic projectile points were identified: 3 Lamoka (1 jasper, 2 quartz) (Middle to Late Archaic), 2 Levanna (1 quartz, 1 chert) (Late Woodland), 2 Morrow Mountain (1 quartz, 1 jasper) (Middle Archaic), 1 jasper Bare Island (Late Archaic to Early Woodland), and 1 argillite Lackawaxen (Late Archaic). There were 13 other lithic items (2 hammerstones and 11 river cobble fragments), and 2 fire-cracked rock fragments. A total of 20 historic artifacts were also retrieved. There were 2 activity items (1 chimney glass piece and 1 staple), 5 architectural items (2 window glass shards and 3 unidentified nails), 8 kitchen items (3 bottle glass fragments, 2 redware sherds, and 3 whiteware sherds), and 5 miscellaneous objects (2 pieces of coal and 3 unidentifiable metal fragments).

The Laurel Run Site (18CE285) is a multicomponent site with Middle Archaic, Late Archaic, and Late Woodland base camps. The site appears to be a revisited specialized resource procurement camp that would have invited the exploitation of resources such as fish, bird, turtle, fur-bearing animals in the creek and wetlands, and upland game species. The site is significant for its in situ deposits, horizontally discrete cultural components, and activity areas with good horizontal and vertical integrity. Subsequent to the archeological testing, the Conowingo Power Company rerouted the proposed access road to the opposite side of Laurel Run in order to avoid the site. During construction, the trees were topped off and left in place to avoid any adverse impacts to the site. If in the future earth-moving activities are unavoidable at the site location, then further archeological testing is recommended.

External Reference Codes (Library ID Numbers):

00005737