



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CH732

Site Name: P-CB-28

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Prehistoric lithic scatter

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 11

SCS soil & sediment code Bo

Latitude 38.6346

Longitude -76.9885

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation

m

Site slope

5-10%

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) Unnamed tributary of Matta

- | Saltwater | | Freshwater | |
|--|--|--|--------------------------------|
| Ocean <input type="checkbox"/> | Estuary/tidal river <input type="checkbox"/> | Stream/river <input checked="" 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 23 m

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
- 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
- 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



Phase II and Phase III Archaeological Database and Inventory

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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	17	Other fired clay	<input type="checkbox"/>
Ground stone	1	Human remain(s)	<input type="checkbox"/>
Stone bowls		Modified faunal	<input type="checkbox"/>
Fire-cracked rock	4	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	1	Oyster shell	<input type="checkbox"/>
Ceramics (all)		Floral material	<input type="checkbox"/>
Rimsherds		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 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 checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Sandstone	<input checked="" type="checkbox"/>		

Dated features present at site

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

Prehistoric lithic scatter

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External Samples/Data:

Collection curated at

Additional raw data may be available online

Summary Description:

Site 18CH732 (P-CB-28) is a lithic scatter of unknown prehistoric age located in northern Charles County, Maryland. The artifact concentrations are within two site areas on distinct landforms, including "Area A" on a mid-slope terrace and "Area B" 15 m downslope to the west on an unnamed creek floodplain. The two site areas are separated by a steep downslope descending westward from the upper Area A terrace down to the lower Area B floodplain. The unnamed creek west of the site flows northward to its confluence with a second unnamed stream. Both site areas are situated within dense woods. Soils at the site are of the Grosstown-Marr-Hoghole complex.

The site was first identified during Phase I survey in 2004 as part of a liquefied natural gas (LNG) pipeline project in Calvert, Charles, and Prince George's Counties. The proposed construction work involved the installation of a 36-inch pipeline over 48 miles of right-of-way, as well as construction of ancillary facilities (e.g. pipeyards and access roads). As such, Phase I and, in some cases, Phase II work was conducted throughout the pipeline right-of-way and in other areas that might be impacted by the construction. In the vicinity of Site 18CH732, this work entailed the excavation of shovel test pits (STPs) where the LNG pipeline right-of-way (ROW) crossed through the site. Typically, this involved two transects of STPs deployed along either side of the ROW centerline, with STPs excavated every 15 meters. Positive STPs were investigated with 4 radial shovel tests surrounding them. STPs measured approximately 50 cm in diameter, and were excavated in natural soil horizons 15 cm into sterile subsoil. Excavated soils were screened through hardware mesh. Five positive STPs led to the identification of the site as a dispersed Native American lithic scatter. Ten radial STPs excavated at 5 m intervals around the find spots failed to recover additional artifacts. Lithic artifacts recovered during Phase I survey included a biface, 3 pieces of debitage, a possible mano fragment, and 2 pieces of fire-cracked rock.

Based on Phase I shovel testing, stratigraphy at Site 18CH732 was determined to consist of soil sequences (1) an A-B sequence of topsoil and subsoil silt loams in most STPs, and (2) an A-B sequence of silt loams overlying a buried Ab-B1b-B2b sequence in a single STP. The latter consisted of silt loam topsoil and clay loam subsoil. Most STPs at the site yielded artifacts from both the A horizon and the B horizon. Artifacts were also found in the buried Ab horizon of the STP with the unique profile. The site was interpreted to be a lithic reduction station, at which an individual or a small group stopped briefly to conduct early-stage stone tool production and maintenance activities. The presence of the fire-cracked rock and possible mano indicated the potential to recover evidence of additional activities at the site, including cooking and/or plant and animal processing. Since the site could not be avoided during pipeline construction, Phase II testing was recommended.

Phase II work was conducted in April of 2005 and included additional shovel testing as well as the excavation of 1 X 1 m test units. A grid was established using a total station and the centerline of the ROW as an arbitrary east-west axis. Grid North was oriented approximately 5° west of magnetic north. Phase II fieldwork included the excavation of 43 additional STPs at 5 m intervals within 12 north-south transects. The same excavation methods were employed. The goal of the additional STP excavations was to better understand artifact distributions and to confirm site boundaries defined during Phase I survey. Only 3 STPs on the upper mid-slope terrace of Area A yielded single lithic artifacts, while the remaining 40 STPs were negative for cultural materials, suggesting a low-density lithic scatter.

To probe for possible prehistoric features, and to further sample cultural materials at the site, three 1 X 1 m test units were excavated across the site; 2 in Area A and 1 in Area B. Test units were hand-excavated by arbitrary 10 cm levels within natural strata to a minimum depth of 10 cm into the B horizon and 10 cm below the last recovered artifact. Three lithic artifacts were recovered from each test unit and no cultural features were encountered. All three test units exhibited an A-BE-Bt horizon sequence with moderate soil development. Phase II excavations, including 43 STPs and 3 test units, yielded a total of 16 artifacts (11 from Area A, and 5 from Area B). Phase II artifacts include 13 flakes, 2 pieces of fire-cracked rock, and a hammerstone.

Overall, lithic artifact densities are low at the site, indicating short-term occupation of fairly low intensity on both landforms. Quartz (52%) and quartzite (39.1%) comprise the majority of the materials used to produce artifacts at the site, with only single artifacts produced from chert and sandstone. Cortex on artifacts is exclusively of the cobble variety, indicating procurement of quartz and quartzite stream cobbles for reduction into flaked-stone tools at 18CH732. No diagnostic artifacts indicative of the site's age were encountered in the lithic assemblage.

The assemblage reflects a short-term camp or lithic-reduction station where an individual or a small group of Native Americans briefly rested during hunting and gathering activities in uplands near Mattawoman Creek. While at the site, they conducted low-intensity tool production and maintenance activities. The site's undated status, its low artifact density, and the apparent lack of features indicate that its information potential is poor. The site does retain good integrity, as reflected by an undisturbed soil profile in the STPs and test units. However, due to low information potential, Site 18CH732 is unlikely to contribute any significant data to aid in interpreting Maryland's prehistory.

External Reference Codes (Library ID Numbers):

97002596