



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN1079

Site Name: CJV P2

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

prehistoric lithic scatter

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code AsB

Latitude 38.9507

Longitude -76.5915

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m

Site slope 2-5%

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
- Bench

Ownership

- Private
- Federal
- State of MD
- Regional/county/city
- Unknown

Nearest Surface Water

Name (if any) Flat Creek

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Minimum distance to water is 9 m

Freshwater

Stream/river

Swamp

Lake or pond

Spring

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

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		Koens-Crispin	
Clovis	<input type="checkbox"/>	Perkiomen	<input type="checkbox"/>
Hardaway-Dalton	<input type="checkbox"/>	Susquehana	<input type="checkbox"/>
Palmer	<input type="checkbox"/>	Vernon	<input type="checkbox"/>
Kirk (notch)	<input type="checkbox"/>	Piscataway	<input type="checkbox"/>
Kirk (stem)	<input type="checkbox"/>	Calvert	<input type="checkbox"/>
Le Croy	<input type="checkbox"/>	Selby Bay	<input type="checkbox"/>
Morrow Mntn	<input type="checkbox"/>	Jacks Rf (notch)	<input type="checkbox"/>
Guilford	<input type="checkbox"/>	Jacks Rf (pent)	<input type="checkbox"/>
Brewerton	<input type="checkbox"/>	Madison/Potomac	<input type="checkbox"/>
Otter Creek	<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		Ironstone		Staffordshire		Stoneware	
Earthenware		Jackfield	<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>	English Brown	<input type="checkbox"/>
Astbury	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain	<input type="checkbox"/>	Nottingham	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	Pearlware	<input type="checkbox"/>	Rhenish	<input type="checkbox"/>	Wt Salt-glazed	<input type="checkbox"/>
Creamware	<input type="checkbox"/>						

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts		Other fired clay	
Flaked stone	<input type="checkbox"/> 75	Human remain(s)	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Unmod faunal	<input type="checkbox"/>
Fire-cracked rock	<input type="checkbox"/>	Oyster shell	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/>	Uncommon Obj.	<input type="checkbox"/>
Rimsherds	<input type="checkbox"/>	Other	<input type="checkbox"/>

Prehistoric Features	
Mound(s)	<input type="checkbox"/>
Midden	<input type="checkbox"/>
Shell midden	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>
House pattern(s)	<input type="checkbox"/>
Palisade(s)	<input type="checkbox"/>
Hearth(s)	<input type="checkbox"/>
Lithic reduc area	<input type="checkbox"/>
Storage/trash pit	<input type="checkbox"/>
Burial(s)	<input type="checkbox"/>
Ossuary	<input type="checkbox"/>
Unknown	<input type="checkbox"/>
Other	<input type="checkbox"/>

Lithic Material		Fer quartzite		Sil sandstone	
Jasper	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Sandstone	<input type="checkbox"/>		

Dated features present at site

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

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

Additional raw data may be available online

Summary Description:

Site 18AN1079 was the location of a temporary camp at one time or multiple times in prehistory. It is north of Broad Stream Lane, in the community of Davidsonville, and south of a tributary of Flat Creek, which drains into the South River on Maryland's western shore. At the time of discovery, the area surrounding the site was a secondary woodland containing sparse amounts of undergrowth, with a combination of level, upland benches and gentle, east-facing slopes. A large portion of the site has since been disturbed by the construction of a house.

People have inhabited the South River basin since at least 12,500 years ago; evidenced by the discovery of fluted projectile points. Archaeological and historical evidence shows that the area surrounding the site (18AN1079) was inhabited by Native people up until and after European contact. European settlement of the area began in the early to middle 17th century. In historic times, the area of site 18AN1079 was plowed for cultivation. Cultivation of the area had ceased by the mid 20th century and the area became forested.

Site 18AN1079 was identified in June of 1998 by Hettie Ballweber of ACS Consultants during a Phase I survey in advance of construction of the CJV Joint Venture housing development project. Shovel test pits were excavated at 15 meter intervals throughout the areas where development was expected to disturb soil integrity. Of these, six contiguous shovel test pits were positive for prehistoric cultural materials; including primary, secondary, and tertiary flakes of quartz and rhyolite. All of the artifacts were recovered from 30-45 cm in depth, within the B horizon.

It was determined that site 18AN1079 could not be avoided by the development project, so Phase II testing was carried out between July 13 and August 27, 1998 to determine if the site was culturally significant. Two 1x1m excavation units were placed within the site boundary in locations where the archaeologists hypothesized intact cultural features were most likely to be present.

Phase II testing revealed a generally consistent soil profile. The uppermost or plowzone layer was characterized by a 10YR 4/4 (dark yellowish brown) loamy sand containing only minimal amounts of small to medium sized pebbly quartz and ranged in depth from 25 to 36 centimeters. Overlaying the plowzone was a deep and well developed (ca. 10-15 centimeter) humus/root mat. Beneath the plowzone layer was a continuous sterile subsoil consisting of 10YR 5/6 (yellowish brown) loamy sand containing small pebbly quartz pieces and small to medium ironstone inclusions. The majority of the artifacts were recovered from within the plowzone layer.

A total of 75 artifacts were recovered during the Phase II archaeological testing. All of the cultural material consisted of chipped stone artifacts and the entire assemblage was comprised of debitage. Test Unit 1 yielded 21 artifacts and Test Unit 2 yielded 54. Quartzite was the dominant raw material (57.4%) recovered from the site, followed by equal amounts of rhyolite (21.3%) and quartz. The quartzite and quartz artifacts are most likely from local sources. No tools or diagnostic artifacts were recovered from the site. Thus, no definitive date of occupation could be postulated for the site.

The quartzite artifacts (n=43) as well as the rhyolite artifacts (n=16) consisted entirely of secondary flakes. The quartz assemblage (n=16) consisted of 1 worked cobble, 2 modified chunks, 5 primary flakes, and 8 secondary flakes. This assemblage indicates that quartz was being picked up at the site in cobble form and being reduced into tools. Conversely, the rhyolite and quartzite artifacts indicate that tool maintenance activities were taking place and that recycling and retouching of finished tools was being accomplished.

The presence of prehistoric cultural material at the site is not surprising given its location on a hilltop near a spring and drainage of Flat Creek. Numerous sites are located in such locations along the South River and its tributaries. In addition, other similar sites are located along the banks of the rivers near the Chesapeake Bay. The moderately small quantity of artifacts and the dearth of cultural features reflect one or more transient food procurement camps and/or hunting stations of short duration at the site.

The fact that no subsurface features were exposed during Phase II testing was not surprising given the nature of the plowzone soil and the limited number of test units excavated at this site. In all areas of the site a relatively deep plowzone laid directly over the subsoil. It is likely that had features been present at the site, they would have been disturbed by plowing. It is also likely that those artifacts found within the deeper portions of the test units (30-40 centimeters) may have been moved via root action into the lower levels. This interpretation is based on the fact that the site soils are sandy and numerous root casts were observed in the test unit profiles during excavation.

It is also not surprising that the site would have been chosen as a feasible temporary campsite. The site's overall location along a springhead and near Flat Creek and South River indicates that groups traveling through the area were camping along the available water sources. Virtually all of the documented prehistoric campsites are located in such settings in the project area. The larger habitation sites are located within the larger stream drainages such as South River.

The site was determined to not be culturally significant because no intact features or diagnostic artifacts were discovered. Therefore it was not avoided by the housing development project and a portion of it was disturbed by the construction of a house. No further work is recommended.

External Reference Codes (Library ID Numbers):

95002561, 18AN1079 SF