



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18WA13

Site Name: Chickadee

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

possible Paleoindian, Archaic, Woodland rockshelter

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 19

SCS soil & sediment code Rk

Latitude 39.4713

Longitude -77.6764

Physiographic province Great Valley

Terrestrial site

Underwater site

Elevation 134 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) Little Antietam Creek

#### Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

Minimum distance to water is 50 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
- 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

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"/> 1	Watson	<input type="checkbox"/>	Minguannan	<input type="checkbox"/>	Monongahela	<input type="checkbox"/>
Accokeek	<input type="checkbox"/>	Mockley	<input type="checkbox"/> 3	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"/> 2	Page	<input type="checkbox"/> 4	Moyaone	<input type="checkbox"/>		
		Potomac Crk	<input type="checkbox"/> 6				

### Historic Sherd Types

<b>Earthenware</b>		Ironstone	<input type="checkbox"/>	Staffordshire	<input type="checkbox"/>	<b>Stoneware</b>	
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"/>	<b>Porcelain</b>	<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	<input type="checkbox"/> 2581	Other fired clay	<input type="checkbox"/>
Ground stone	<input type="checkbox"/> 2	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/> 3
Fire-cracked rock	<input type="checkbox"/> 4	Unmod faunal	<input type="checkbox"/> 59
Other lithics (all)	<input type="checkbox"/> 143	Oyster shell	<input type="checkbox"/>
Ceramics (all)	<input type="checkbox"/> 84	Floral material	<input type="checkbox"/>
Rimsherds	<input type="checkbox"/> 8	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 checked="" 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 checked="" type="checkbox"/>	European flint	<input type="checkbox"/>
Rhyolite	<input checked="" 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)	<input type="checkbox"/>	Tobacco related	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/>	Activity item(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	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.	<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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## External Samples/Data:

Collection curated at UMD?

Additional raw data may be available online

## Summary Description:

This site was excavated as part of the Masters project performed by James Ivor Gross of the University of Maryland. The rockshelter site was first documented in the fall of 1968 by the Anthropological Society of the University of Maryland, upon investigation of a rumor that a local resident had discovered projectile points and pottery while digging about in a rockshelter. The work was undertaken with the goal of excavating a representative sample of artifacts from the site, sufficient to document the prehistoric activity at the site and preserve this information from the impacts of burrowing rodents, pothunters, and local vandals that frequented the rockshelter. Work was carried out by Gross and a handful of student volunteers on weekends and holidays.

Upon initiation of the excavation an arbitrary elevation datum was established in the back wall of the shelter by inserting a peg in a drilled hole. A grid of six 1.524 meter (5 foot) squares was laid out. Three additional pits were opened to take excavations up to the rock wall. In addition, a tenth square was opened up in the center of a sinkhole depression in front of the shelter overhang. In the early stages of the excavation, backdirt was screened through ¼" hardware cloth; however this was found unsatisfactory due to the great quantity of limestone talus that had to be examined, and the possibility of losing the small material being noted in screened backdirt. Little Antietam Creek is located nearby and, thus, all backdirt was carried in buckets to be washed through window screen. In this manner a great deal of debitage, small bone, and pottery fragments were recovered.

One feature was recognized during excavation of the shelter. It consists of a concentration of large broken pieces of quartz, one of which is a fire-cracked, stream-worn boulder of rose quartz. The extent of this feature remains undetermined, as most of it lay just outside the edge of the excavated area. Some of these rocks have not been fire-cracked, and no charcoal is present. Occasional pieces of rose quartz that appear to come from the broken boulder appear throughout the excavation.

The site report for 18WA13 does not provide sherd quantities for the ceramics encountered during the excavations. However, it does provide photographs of representative examples of each sherd type. There is also a description of each type, which sometimes denotes whether rim sherds were recovered, and (in the case of very small samples) the number of sherds involved. Thus, it is possible to arrive at a minimal count of sherd types. These numbers are used in the artifact tallies above and in the description below.

At least 84 prehistoric pottery sherds were recovered from the site, including at least 8 rims. Several of the sherds can be classified into diagnostic types. At least Fifteen sherds are classified as Abermarle, at least 6 are Radford sherds, at least 6 appear to be Potomac Creek sherds, 1 is a Stony Creek sherd, 1 is a Selden Island sherd, a minimum of 3 appear to be Mockley Net Impressed, 4 are Page cordmarked, and at least 2 are Vinnette I sherds. In addition to these, at least 29 limestone-tempered sherds, 12 quartz-tempered, 3 crushed schist-tempered, 1 crushed rock tempered, and 1 ware reminiscent of some Middle Mississippian wares have been recovered.

The lithic assemblage from the site included a total of 55 projectile points and bifaces. Thirteen are triangular points, 1 is corner notched, 5 are side notched, 3 are parallel stemmed, 2 are contracting stemmed, 4 are expanded stemmed, 3 have lobate bases, 1 has a bifurcated base, and 1 is fluted. In addition to these, 1 uncategorized point, 7 bifaces or point "blanks", and 14 unidentified point fragments have been recovered. Other flaked stone objects were recovered including approximately 2500 pieces of debitage, 2 scrapers, 1 knife or blade, 2 drills, 3 cores, and 18 utilized/retouched flakes. One hammerstone and two ground stone objects (a two-holed bar gorget and a full grooved axe) were recovered. Other lithics encountered include 4 pieces of fire-cracked rock, 126 cobbles transported to the site, and 16 unworked pieces of slate.

The faunal collection was not described in detail, but it is estimated that at least 50 bones (1000 grams) and 9 pieces of freshwater mussel shell were recovered. Most of the bone was calcined, and those bones that were not are predominantly recent rodent bones. Deer bones and turtle carapace were also recognized within the sample, but no formal analysis has been performed. Three of the animal bones bear evidence of modification. Two are cut antler tines and the third is a long bone fragment that has been ground flat on the end to produce a flat facie that is angled at 45° to the body of the bone.

The site appears to be a multi-component prehistoric rockshelter which has only been minimally investigated. Of great interest is the apparent Paleoindian component indicated by the presence of a fluted projectile point. Review of the extant site map indicates that significant deposits may be preserved beneath rockfall and in unexcavated portions of the site (both within and just outside the rockshelter) that could not be examined with the resources available to the previous researcher (an MA student).

## External Reference Codes (Library ID Numbers):

00006320