



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN1240

Site Name: T-10

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Terminal Archaic Base Camp

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 8

SCS soil & sediment code EsC

Latitude 39.0934

Longitude -76.7670

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation

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 Midw

- | 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 50 m

## Temporal & Ethnic Contextual Data:

- Paleoindian site
- Archaic site
- Early archaic
- Middle archaic
- Late archaic
- Woodland site
- MD Adena
- Early woodland
- Mid. woodland
- Late woodland

- Contact period site
- ca. 1820 - 1860
- ca. 1630 - 1675
- ca. 1675 - 1720
- ca. 1720 - 1780
- ca. 1780 - 1820
- ca. 1860 - 1900
- ca. 1900 - 1930
- Post 1930

Unknown historic context

Unknown context

### Ethnic Associations (historic only)

- Native American
- African American
- Anglo-American
- Hispanic
- Asian American
- Unknown
- Other

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			
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"/> 1
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

<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"/> 293	Other fired clay	<input type="checkbox"/>
Ground stone	<input type="checkbox"/> 5	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Fire-cracked rock	<input type="checkbox"/> 4	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"/>	<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 checked="" 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 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)	<input type="checkbox"/>	Tobacco related	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/> 1	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"/> 1	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"/>	<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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Terminal Archaic Base Camp

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## External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

## Summary Description:

The T-10 Site (18AN1240), also known as Locus 2), is an apparent Terminal Archaic Base camp on the Fort George G. Meade property in western Anne Arundel County. The site is situated on the end of a high ridge above an unnamed tributary to the Little Patuxent River. Soils at the site are very shallow Evesboro and Galestown soils. The surrounding landscape ranges from suburban to semi-rural land use.

In 2003, at the request of the US Army's Department of Public Works-Environmental Management Office at Fort George G. Meade, a combined Phase I/II investigation was conducted on several previously identified archeological sites at Fort Meade. The investigation was warranted because a 50 year lease was signed in 2002 on 1,000 acres of property at the installation for the construction of approximately 308 new family housing units (for military families), ancillary support facilities, and associated storm water management and other facilities. The construction constituted an undertaking that was subject to the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended. The archeological studies were also carried out in accordance with Army Regulation 200-4 and the Archeological Resources Protection Act of 1979, which requires that all archeological investigations on federal property be carried out by permit issued by the Federal land manager.

The investigation of 18AN1240 came about due to Phase II testing at nearby site 18AN931, which had already been surveyed and examined archeologically in 1993. The 2003 work at 18AN931 began with an intensive survey of the entire ridge, even beyond the area identified as 18AN931 in 1993. STPs were spaced at an interval of 15 meters, and the survey was aimed at re-identifying the site location. Each STP was approximately 40 cm in diameter and was excavated in stratigraphic layers to a depth of 10 cm into subsoil, or culturally sterile horizon. Soils from the excavated tests were screened through hardware cloth in order to assure uniform recovery of cultural materials. Detailed notes on soils, depth of each STP, artifact recovery, and profile data were recorded on standardized forms.

The survey was broken into three study areas based on topography. Loci 1 and 2 were located along the ridge and separated by a slight change in elevation and a narrowing of the ridge, while Locus 3 consisted of the small level area below the ridge and adjacent to the stream. Prehistoric artifacts were recovered from each of these three areas, but ultimately it was determined that Locus 1 was the location of 18AN931 as defined in 1993, Locus 2 was a separate concentration of artifacts and therefore a separate site (18AN1240), and Locus 3 was an area of secondary artifact deposits from both 18AN930 and 18AN1240.

Fifteen STPs were excavated during the initial survey of the ridge, leading to the identification of Locus 2 or 18AN1240. Five of these produced prehistoric artifacts in a concentration roughly 2,700 square meters in size. Twelve 1 X 1 m square test units were then excavated within the artifact concentration. Test units were excavated stratigraphically to culturally sterile soils and soils were screened through hardware cloth. Again, appropriate data was recorded on standardized forms. Drawings and photographs were taken of the soil profiles. Photographs were also taken of any cultural features and to document field conditions.

Soil development across the site was not uniform, especially in the upper 20 cm of the site soils. Shallow O and A horizons were underlain by discontinuous AB/BA, E, or BE horizons. The variability in the upper 20 cm may be due, in part, to minor ground disturbances from use of the area by the US Army. Despite this variability, profiles tended to be fairly consistent with a shallow A horizon and a deep, well-developed Bt horizon, from which the majority of the artifacts were recovered. The STPs and test units yielded between 1 and 85 artifacts each. The densest concentration of artifacts occurred at the southern end of the site. No cultural features were identified.

In total, 302 prehistoric artifacts were recovered during the 2003 examination of 18AN1240. The full assemblage included 3 projectile points, 3 bifaces, 3 biface fragments, 2 unifaces, 7 cores, 261 flakes, 14 pieces of shatter, 4 fragments of fire-cracked rock, and 5 fragments of steatite stone bowl (likely a single vessel). The projectile points included one Genesee, one possible Genesee, and one re-sharpened Susquehanna Broadspire. These, along with the presence of a steatite stone bowl, suggest that the site dates to the Late Archaic period, and the terminal Late Archaic specifically. The flaked stone at the site include quartz (162 objects), rhyolite (121), quartzite (6), chert (3), and unidentifiable stone (1). The quartz and quartzite are available locally in pebble and cobble form from the ground and stream beds. Steatite, which was commonly used during the Late Archaic, is non-local, and was obtained from the Piedmont area of Maryland, Pennsylvania, or Virginia. Two historic artifacts were also recovered: a single M-14/M-16 brass cartridge and a glass bottle fragment.

Site 18AN1240 appears to have been a base camp dating to the terminal Late Archaic Period. The site's location overlooking a tributary of the Little Patuxent River would have been attractive to prehistoric inhabitants of the region. No cultural features were identified, however, a large amount of debitage and tools were recovered. The quantity of debitage and tools suggests either a single intensive occupation, or a series of less intensive occupation, or a series of less intensive occupations, are present on the site. The majority of the artifacts were recovered from a 20 to 40 cm thick Bt horizon that appears to be intact and undisturbed. The undisturbed, possibly stratified, deposits of 18AN1240 have the potential to yield cultural features, as well as data on activity areas, environmental adaptations, lithic sourcing and technology, trade, and settlement/community patterning. As such, it should be considered a significant archeological resource and appropriate mitigation should take place should the site become threatened by future development at the Army facility.

## External Reference Codes (Library ID Numbers):

00000748, 97002686