



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18BA578

Site Name: MAMB Segment 10 Locus 1

Prehistoric

Other name(s): RCGA Line MAMB prehistoric Site 1

Historic

Unknown

Brief Description:

Prehistoric lithic scatter

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 15

SCS soil & sediment code

Latitude 39.4549

Longitude -76.7334

Physiographic province Eastern Piedmont

Terrestrial site

Underwater site

Elevation m Site slope 8-15%

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 North

- | 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 91 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
- Unknown prehistoric context

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

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
 - 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"/>	
Hardaway-Dalton	<input type="checkbox"/>	
Palmer	<input type="checkbox"/>	
Kirk (notch)	<input type="checkbox"/>	
Kirk (stem)	<input type="checkbox"/>	
Le Croy	<input type="checkbox"/>	
Morrow Mntn	<input type="checkbox"/>	
Guilford	<input type="checkbox"/>	
Brewerton	<input type="checkbox"/>	
Otter Creek	<input type="checkbox"/>	
Koens-Crispin	<input type="checkbox"/>	
Perkiomen	<input type="checkbox"/>	
Susquehana	<input type="checkbox"/>	
Vernon	<input type="checkbox"/>	
Piscataway	<input type="checkbox"/>	1
Calvert	<input type="checkbox"/>	
Selby Bay	<input type="checkbox"/>	
Jacks Rf (notch)	<input type="checkbox"/>	
Jacks Rf (pent)	<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	English Brown	<input type="checkbox"/>
Astbury	Jackfield	<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>	
Borderware	Mn Mottled	<input type="checkbox"/>	Whiteware	<input type="checkbox"/>	Nottingham	<input type="checkbox"/>	
Buckley	North Devon	<input type="checkbox"/>	Porcelain	<input type="checkbox"/>	Rhenish	<input type="checkbox"/>	
Creamware	Pearlware	<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"/>	449
Ground stone	<input type="checkbox"/>	
Stone bowls	<input type="checkbox"/>	
Fire-cracked rock	<input type="checkbox"/>	
Other lithics (all)	<input type="checkbox"/>	
Ceramics (all)	<input type="checkbox"/>	
Rimsherds	<input type="checkbox"/>	
Other fired clay	<input type="checkbox"/>	
Human remain(s)	<input type="checkbox"/>	
Modified faunal	<input type="checkbox"/>	
Unmod faunal	<input type="checkbox"/>	
Oyster shell	<input type="checkbox"/>	
Floral material	<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 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 type="checkbox"/>		

Dated features present at site

Historic Artifacts		
Pottery (all)	<input type="checkbox"/>	
Glass (all)	<input type="checkbox"/>	1
Architectural	<input type="checkbox"/>	
Furniture	<input type="checkbox"/>	
Arms	<input type="checkbox"/>	
Clothing	<input type="checkbox"/>	
Personal items	<input type="checkbox"/>	
Tobacco related	<input type="checkbox"/>	
Activity item(s)	<input type="checkbox"/>	
Human remain(s)	<input type="checkbox"/>	
Faunal material	<input type="checkbox"/>	
Misc. kitchen	<input type="checkbox"/>	
Floral material	<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: 0 +/- 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

Additional raw data may be available online

Summary Description:

Site 18BA578, also known as MAMB Segment 10 Locus 1 or RCGA Line MAMB prehistoric Site 1, is a prehistoric short-term use lithic chipping station located between Cockeysville and Reistertown in Baltimore County. The site is situated on a narrow finger ridge overlooking the confluence of two small unnamed tributaries of Jones Falls. The site is wooded and the surrounding topography consists of broad and rolling upland ridge tops that are dissected by narrow and steep-sided drainage valleys. The primary vegetation at the site is a mixed deciduous canopy of poplar, oak, locust, and sycamore. Soils at the site are Manor loams.

The site was first identified during a Phase I survey carried out from December 2011 to February 2012 in both Baltimore and Harford counties. The work was carried out in preparation for the construction of a (then) proposed transmission pipeline for Columbia Gas Transmission, LLC. The project was carried out under a Federal Energy Regulatory Commission (FERC) Section 7 (c) filing that the project constituted a Federal "undertaking". The archeological work was carried out in partial fulfillment of Section 106 of the National Historic Preservation Act (NHPA) of 1966 (as amended) for Federal undertakings. The area of potential effect (APE) for the project included the construction workspace needed for the pipeline and new facilities, as well as access roads to the construction right-of-way (ROW) and facilities. The total acreage for the APE for archeological survey was approximately 752.01 acres.

Site 18BA578 was identified through systematic shovel test pit (STP) survey using 20 m intervals along the centerline of the project APE, followed by delineation shovel tests at 10 m intervals around positive STPs. Shovel tests measured a minimum of 35 cm in diameter and were excavated to a minimum depth of 40 cm or 10 cm into culturally sterile subsoil. Soils were screened through hardware mesh. Each STP was recorded in the field, noting its location within the testing pattern, the depth of soil horizons, and the presence or absence of cultural materials. The nature of each stratum or soil horizon within the survey area was also recorded in the field. Soil characteristics such as color and texture were recorded using standard methods and soils nomenclature. A total of 6 shovel tests were excavated during Phase I work, 4 of which produced artifacts.

The Phase I artifact assemblage consisted of 4 pieces of lithic debitage. Two pieces were derived from quartzite and one piece each derived from quartz and chert. A typical soil profile included two distinct strata: a 9-14 cm thick upper horizon of dark brown to dark grayish brown loose and organic-rich silt loam, and a minimum of 20 cm of a yellowish brown loose silt loam with 5 to 10% native quartz and quartzite gravel inclusions. Three of the 4 flakes were recovered from the upper portion of the B horizon soils. Although the artifact density observed was relatively light, 75% of the artifacts were recovered from seemingly intact buried soil horizons. Based on these findings Phase II work was recommended and was carried out in March of 2012.

Phase II work at the site entailed the excavation of an additional 37 shovel test pits (on a 5 m grid) and ten 1 X 1 m units distributed throughout the site. A total of approximately 12.6 m² of the site was excavated during the evaluation. The test units were excavated in 10 cm levels following natural or cultural strata until 10 cm into sterile subsoil. All soils were screened through hardware mesh. Other excavation and recordation methods followed the same parameters as were used during Phase I.

A total of 445 prehistoric artifacts were recovered during the Phase II evaluation of the site. Of these, 27 were recovered from STP excavations and 418 were recovered from test unit excavations. Prehistoric artifacts included 5 finished bifacial tools or tool fragments, 13 other bifaces, 3 cores, 1 uniface, and 423 pieces of debitage. Only one of the finished tools was diagnostic: a quartz Piscataway point, which most recent data suggests was used anywhere from the Middle Archaic to the Early Woodland period. A single piece of colorless bottle glass was also recovered during the Phase II work. It likely represents nothing more than casual discard.

No cultural features were identified.

Site 18BA578 appears to reflect a series of short-term hunting preparation (bifacial lithic tool manufacture and maintenance) and processing stations. The site contained little evidence for horizontally differentiable activity areas or for vertically intact deposits. The absence of evidence for cultural features and horizontally differentiable activity areas is explained by the bioturbation impacts and also by the relatively short-term nature of the site occupational activities.

Site 18BA578 lacks the ability to address research questions regarding intra-site activities, does not have the potential to yield significant information about the past beyond that gathered during the Phase I and II studies. No further archeological investigation is recommended.

External Reference Codes (Library ID Numbers):

95001857