



# Phase II and Phase III Archaeological Database and Inventory

Site Number: 18WA462

Site Name: A-1

Prehistoric

Other name(s)

Historic

Brief Description:

Middle-Late Archaic short-term resource procurement camp

Unknown

## Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 19

SCS soil & sediment code

Latitude 39.6020

Longitude -77.7667

Physiographic province Great Valley

Terrestrial site

Underwater site

Elevation 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) Unnamed tributary of St. Ja

- | 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 47 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

- |                                                                                                                                                                                       |                                                                                                                                                |                                                                                               |                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Historic</b>                                                                                                                                                                       | Furnace/forge <input type="checkbox"/> <td><b>Military</b></td> <td>Post-in-ground <input type="checkbox"/> </td>                              | <b>Military</b>                                                                               | Post-in-ground <input type="checkbox"/>   |
| <b>Urban/Rural?</b> <input type="checkbox"/> <td>Other <input type="checkbox"/> <td>Battlefield <input type="checkbox"/> <td>Frame-built <input type="checkbox"/> </td></td></td>     | Other <input type="checkbox"/> <td>Battlefield <input type="checkbox"/> <td>Frame-built <input type="checkbox"/> </td></td>                    | Battlefield <input type="checkbox"/> <td>Frame-built <input type="checkbox"/> </td>           | Frame-built <input type="checkbox"/>      |
| <b>Domestic</b>                                                                                                                                                                       | Homestead <input type="checkbox"/> <td><b>Transportation</b></td> <td>Fortification <input type="checkbox"/> </td>                             | <b>Transportation</b>                                                                         | Fortification <input type="checkbox"/>    |
| Farmstead <input type="checkbox"/> <td>Mansion <input type="checkbox"/> <td>Canal-related <input type="checkbox"/> <td>Encampment <input type="checkbox"/> </td></td></td>            | Mansion <input type="checkbox"/> <td>Canal-related <input type="checkbox"/> <td>Encampment <input type="checkbox"/> </td></td>                 | Canal-related <input type="checkbox"/> <td>Encampment <input type="checkbox"/> </td>          | Encampment <input type="checkbox"/>       |
| Plantation <input type="checkbox"/> <td>Row/townhome <input type="checkbox"/> <td>Road/railroad <input type="checkbox"/> <td>Other structure <input type="checkbox"/> </td></td></td> | Row/townhome <input type="checkbox"/> <td>Road/railroad <input type="checkbox"/> <td>Other structure <input type="checkbox"/> </td></td>       | Road/railroad <input type="checkbox"/> <td>Other structure <input type="checkbox"/> </td>     | Other structure <input type="checkbox"/>  |
| Cellar <input type="checkbox"/> <td>Privy <input type="checkbox"/> <td>Wharf/landing <input type="checkbox"/> <td><b>Townsite</b></td> </td></td>                                     | Privy <input type="checkbox"/> <td>Wharf/landing <input type="checkbox"/> <td><b>Townsite</b></td> </td>                                       | Wharf/landing <input type="checkbox"/> <td><b>Townsite</b></td>                               | <b>Townsite</b>                           |
| <b>Industrial</b>                                                                                                                                                                     | Mining-related <input type="checkbox"/> <td>Maritime-related <input type="checkbox"/> <td>Church/mtg house <input type="checkbox"/> </td></td> | Maritime-related <input type="checkbox"/> <td>Church/mtg house <input type="checkbox"/> </td> | Church/mtg house <input type="checkbox"/> |
| Quarry-related <input type="checkbox"/> <td>Mill <input type="checkbox"/> <td>Bridge <input type="checkbox"/> <td>Ch support bldg <input type="checkbox"/> </td></td></td>            | Mill <input type="checkbox"/> <td>Bridge <input type="checkbox"/> <td>Ch support bldg <input type="checkbox"/> </td></td>                      | Bridge <input type="checkbox"/> <td>Ch support bldg <input type="checkbox"/> </td>            | Ch support bldg <input type="checkbox"/>  |
| Black/metalsmith <input type="checkbox"/> <td>Trading post <input type="checkbox"/> <td>Ford <input type="checkbox"/> <td><b>Burial area</b></td> </td></td>                          | Trading post <input type="checkbox"/> <td>Ford <input type="checkbox"/> <td><b>Burial area</b></td> </td>                                      | Ford <input type="checkbox"/> <td><b>Burial area</b></td>                                     | <b>Burial area</b>                        |
|                                                                                                                                                                                       | Store <input type="checkbox"/> <td><b>Educational</b></td> <td>Cemetery <input type="checkbox"/> </td>                                         | <b>Educational</b>                                                                            | Cemetery <input type="checkbox"/>         |
|                                                                                                                                                                                       | Tavern/inn <input type="checkbox"/> <td><b>Commercial</b></td> <td>Ch support bldg <input type="checkbox"/> </td>                              | <b>Commercial</b>                                                                             | Ch support bldg <input type="checkbox"/>  |
|                                                                                                                                                                                       |                                                                                                                                                | Trading post <input type="checkbox"/> <td>Isolated burial <input type="checkbox"/> </td>      | Isolated burial <input type="checkbox"/>  |
|                                                                                                                                                                                       |                                                                                                                                                | Store <input type="checkbox"/> <td><b>Recreational</b></td>                                   | <b>Recreational</b>                       |
|                                                                                                                                                                                       |                                                                                                                                                | Tavern/inn <input type="checkbox"/> <td>Midden/dump <input type="checkbox"/> </td>            | Midden/dump <input type="checkbox"/>      |
|                                                                                                                                                                                       |                                                                                                                                                | Possible Structure <input type="checkbox"/> <td><b>Artifact scatter</b></td>                  | <b>Artifact scatter</b>                   |
|                                                                                                                                                                                       |                                                                                                                                                |                                                                                               | Spring or well <input type="checkbox"/>   |
|                                                                                                                                                                                       |                                                                                                                                                |                                                                                               | <b>Unknown</b>                            |
|                                                                                                                                                                                       |                                                                                                                                                |                                                                                               | Other context <input type="checkbox"/>    |

## 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"/>	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	1241	Other fired clay	<input type="checkbox"/>
Ground stone	1	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Fire-cracked rock	1	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	1	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"/>

### 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 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 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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Prehistoric

Other name(s)

Historic

Brief Description:

Middle-Late Archaic short-term resource procurement camp

Unknown

## External Samples/Data:

Collection curated at MAC

Additional raw data may be available online

## Summary Description:

Site A-1 (18WA462) can be characterized generally as a Middle to Late Archaic mixed-resource extraction site. The site is located along a gently sloping plateau and secondary southward facing terrace southwest of Hagerstown in Washington County, Maryland. Soils at the site are of the Hagerstown and Lindside soil series. An intermittent stream runs near the site.

The site was first identified during a Phase I study carried out in 1995 to locate and define potentially significant architectural and archeological resources in an area to be impacted by construction of a new interchange at the intersection of MD 632 and I-70. The Phase I work entailed a combination of archival background research, archeological field investigation, and laboratory analysis of recovered remains. The entire survey area was divided up into sub-areas A, B, C, D, and E. Site 18WA462 was located within sub-area A, where a baseline was established and 53 transects were laid out on a 20 m grid. A total of 577 shovel tests were excavated in the sub-area as a whole, relocating a previously identified site and three previously unidentified resources. The only one of these deemed to be potentially significant was the newly identified site 18WA462. The site was represented by 47 shovel tests positive for prehistoric cultural materials, 2 shovel tests positive for historic cultural materials, and 1 shovel test positive for both prehistoric and historic cultural materials. To determine whether Phase II testing was warranted, four 1 X 1 meter excavation units were placed in two areas of the site. Two units were placed in the area of greatest artifact density and 2 units were placed in an area where shovel testing seemed to reveal the presence of a buried cultural horizon. Finally, the northwestern portion of the site was subjected to a controlled surface collection after agricultural produce had been harvested.

Site A-1 was recommended for Phase II testing based on the fact that soil profiles documented in many of the shovel tests and all four Phase I test units suggested that sections of the site retained intact cultural deposits below the plowzone. Although no prehistoric features were recorded in either the shovel tests or test units, the extent and depth of the B horizon containing intact cultural materials, which extended as deep as 70 cm below surface, indicated that there was the potential for intact prehistoric features. Phase II testing involved close interval shovel testing at 10 m intervals over the entire site area in order to define the boundaries of the site. A total of 124 additional shovel tests were excavated at the site. Fifteen 1 X 1 m units also were excavated during the Phase II evaluation. The locations of the test units were determined by the results of the Phase I work, and of the requirements of the potential construction project design.

Ultimately, no cultural features were encountered at the site and significant evidence of disturbance was uncovered (see below). However, a total of 1,244 prehistoric artifacts were recovered from the site during Phase I and Phase II excavations at 18WA462. The artifacts include 11 projectile points or point fragments; four of which are diagnostic. Among the diagnostic points are 1 whole and 1 basal fragment from rhyolite Otter Creek points, a rhyolite Brewerton corner-notched point, and 1 nearly complete rhyolite Savannah River point. Fourteen other bifaces were also encountered, including 11 amorphous bifaces, 1 possibly hafted biface, 1 possible esquilles, and a bifacially worked fragment that is too incomplete to identify. Other flaked stone tools were 3 cores, 44 retouched or utilized flakes, 85 pieces of block/shatter, and 1,084 unmodified flakes. A single groundstone object (a quartzite abradar) and a single use-modified tool (a quartzite hammerstone) were also recovered. The only other artifact reported was a single piece of fire-cracked rock.

Over most of Site 18WA462, activity areas and artifact concentrations have been disturbed by extensive plowing and deflation of soils. This is true on ridgetop and terrace/bench areas of the site. On the ridgetop, the plowzone rests directly on residual pre-Holocene soils or bedrock and virtually all artifacts were recovered from the plowzone. A terrace/bench in the southeast portion of the site yielded the densest concentrations of artifacts and was probably the primary locus of activity. However, this area has been disturbed by plowing and there was no indication of the preservation of sub-plowzone features or artifact concentrations. A small area of buried prehistoric artifacts was identified in a swale zone (alluvial/colluvial deposit) at the southern end of the site. However, the artifact density below the plowzone was quite low, compared to the plowzone in the rest of the site. There was no evidence of features in this buried soil and the low artifact density limits the research potential of the collection from it.

The lithic collection suggests that the site was occupied during the Middle and Late Archaic periods based on the presence of Brewerton, Otter Creek, and Savannah River points. There also seems to be evidence that the primary lithic industry at the site is secondary and late stage lithic reduction. The average unmodified flake weight at the site was 1.31 g. This is within the range for secondary reduction flakes. The relatively high number of biface thinning flakes and generally small flake size also suggest secondary lithic reduction. The very low amount of cortical debitage suggests that the site was some distance from the source of raw material and further supports secondary reduction as the focus of the lithic industry. Most of the material at 18WA462 is rhyolite, the nearest source of which seems to be 15 miles to the east. These findings suggest that the site served as an extractive camp during the latter portions of the Archaic period. The range of activities suggested for the site include secondary lithic reduction, tasks associated with expedient tools, and tasks associated with curated tools. The generally limited range of artifact types and inferred activities suggests that 18WA462 was a transitory site rather than a base camp. Because of the extensive plowing and soil deflation over most of the site, 18WA 462 lacks sufficient integrity and cannot address substantive research issues other than those briefly mentioned here. The small swale area with intact deposits had such low artifact density that its research potential is limited. Additional investigation at the site will not yield information important on prehistory.

## External Reference Codes (Library ID Numbers):

00006364