



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18FR150

Site Name: US RT. 15-#2

Prehistoric

Other name(s)

Historic

Brief Description:

Late Archaic base camp, 19th-20th century artifact concentration

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 17

SCS soil & sediment code PaB2

Latitude 39.6888 Longitude -77.3271

Physiographic province Lancaster/Frederick Lowl

Terrestrial site Underwater site

Elevation 420 m Site slope 0-5%

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

Ownership

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

Nearest Surface Water

Name (if any) Toms Creek

- | 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 100 m

Temporal & Ethnic Contextual Data:

- | | | | | |
|--|---|---|--|---|
| Paleoindian site <input type="checkbox"/> | Woodland site <input type="checkbox"/> | Contact period site <input type="checkbox"/> | ca. 1820 - 1860 <input type="checkbox"/> | Y |
| Archaic site <input type="checkbox"/> | MD Adena <input type="checkbox"/> | ca. 1630 - 1675 <input type="checkbox"/> | ca. 1860 - 1900 <input type="checkbox"/> | Y |
| Early archaic <input type="checkbox"/> | Early woodland <input type="checkbox"/> | ca. 1675 - 1720 <input type="checkbox"/> | ca. 1900 - 1930 <input type="checkbox"/> | Y |
| Middle archaic <input type="checkbox"/> | Mid. woodland <input type="checkbox"/> | ca. 1720 - 1780 <input type="checkbox"/> | Post 1930 <input type="checkbox"/> | Y |
| Late archaic <input checked="" type="checkbox"/> | Late woodland <input type="checkbox"/> | ca. 1780 - 1820 <input type="checkbox"/> | Y | |
| Unknown prehistoric context <input type="checkbox"/> | | Unknown historic context <input type="checkbox"/> | | |
| | | Unknown context <input type="checkbox"/> | | |

Ethnic Associations (historic only)

- | | |
|--|---|
| Native American <input type="checkbox"/> | Asian American <input type="checkbox"/> |
| African American <input type="checkbox"/> | Unknown <input type="checkbox"/> |
| Anglo-American <input checked="" type="checkbox"/> | Other <input type="checkbox"/> |
| Hispanic <input type="checkbox"/> | |

Y=Confirmed, P=Possible

Site Function Contextual Data:

- ### Prehistoric
- | | |
|---|--|
| Multi-component <input type="checkbox"/> | Misc. ceremonial <input type="checkbox"/> |
| Village <input type="checkbox"/> | Rock art <input type="checkbox"/> |
| Hamlet <input type="checkbox"/> | Shell midden <input type="checkbox"/> |
| Base camp <input type="checkbox"/> | STU/lithic scatter <input checked="" type="checkbox"/> |
| Rockshelter/cave <input type="checkbox"/> | Quarry/extraction <input type="checkbox"/> |
| Earthen mound <input type="checkbox"/> | Fish weir <input type="checkbox"/> |
| Cairn <input type="checkbox"/> | Production area <input checked="" type="checkbox"/> |
| Burial area <input type="checkbox"/> | Unknown <input type="checkbox"/> |
- Other context

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

Flotation samples taken N 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"/>	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		Staffordshire		Stoneware	
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	103	Eng Dry-bodied	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain	2	Nottingham	<input type="checkbox"/>
Creamware	29	Pearlware	51			Rhenish	<input type="checkbox"/>
						Wt Salt-glazed	<input type="checkbox"/>

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts		Other fired clay	
Flaked stone	525	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)	1	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"/>	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 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 checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Sandstone	<input type="checkbox"/>		

Dated features present at site

Historic Artifacts		Tobacco related	
Pottery (all)	297	Activity item(s)	447
Glass (all)	350	Human remain(s)	<input type="checkbox"/>
Architectural	1841	Faunal material	<input checked="" type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	97
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	3	Misc.	113
Personal items	3	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 MAC

Additional raw data may be available online

Summary Description:

US Route 15 site number 2 (18FR150) near Emmitsburg in Frederick County, MD is a probable Late Archaic base camp which also has a significant historic component in one portion of the site. The site is located on a low terrace near Tom's Creek and is roughly 30.5 m X 91.5 m in size. It was first identified in 1977 during a Phase I survey by the Maryland Geological Survey, Office of Archeology. The Phase I work involved surface collection to identify sites within the US Route 15 right-of-way. Projectile point fragments indicate occupation of the site during the Late Archaic period. The Stone House site (18FR336) is located nearby. It was once the site of the first convent of Saint Elizabeth Seton, foundress of the Catholic Sisters of Charity. Situated just west of 18FR150, resides a small grove of oak trees referred to historically as the "Circle of Oaks". The "Circle of Oaks" was significant to the Sisters of Charity. The grove rests on a bluff overlooking Tom's Creek and was at one time (an may still be) protected by a larger circle of shrubs which surrounded it. The grove is believed to have been a historic period (18th century) Native American cemetery, but no evidence of this has ever been encountered. Throughout the 19th and early 20th centuries, the sisters maintained the grove and placed a statue of "Our Lady of the Field" in the center. The statue has since been removed. It is likely that the historic deposits at 18FR150 relate to the activities of this religious community.

Initially, it was only the prehistoric component of the site that was identified. Prehistoric lithic materials were found scattered upon the surface of a plowed corn field. It was argued that the site probably extended into the adjacent grassy area known as the "Circle of Oaks", but no shovel test pits (STPs) were dug here since it was a religious shrine. Likewise, no STPs were dug in the plowed field because the field was planted with corn. Artifacts recovered during this study include 1 expanding stem rhyolite projectile point, 1 side-notched rhyolite point base, 3 rhyolite bifaces, 5 rhyolite bifaces fragments, 13 quartz chunks, and 99 pieces of debitage (73 rhyolite, 25 quartz, 1 chert). The stemmed rhyolite point closely resembles the Buffalo Expanding Stem type found in West Virginia (Late Archaic).

In 1994, another Phase I survey re-located the site and Phase II testing was carried out at 18FR150 as part of that same project. The 1994 archeological investigations were requested by the Federal Emergency Management Agency (FEMA) due to a construction project on the campus of the National Emergency Training Center (formerly the campus of St. Joseph's College). The project area would be impacted by the construction of a warehouse, office building, additional walkways, stormwater management pond, and sewer line on the campus.

During the Phase I portion of the FEMA project a series of shovel test pits were excavated at 15.24 m (50 ft) intervals into sterile subsoil, where possible. The STPs indicated that the boundaries of 18FR150 needed to be expanded slightly. It also identified a historic component which overlapped the prehistoric site and was comprised of a dense historic scatter, with diagnostic ceramics dating from the early 19th century into the 20th century. Thus, Phase II testing was undertaken at the site to better define the site boundaries and to determine whether either component of site 18FR150 met the eligibility criteria for the National Register. Phase II involved the placement of shovel tests at 7.62 m (25 ft) intervals throughout the site area until sterile pits or other obstructions delimited the periphery of the site. A total of 237 shovel test pits were excavated in the vicinity of 18FR150. Six 0.762 m X 0.762 m (2.5 ft X 2.5 ft) test units were placed in the areas that would be directly impacted by the construction of the warehouse, the office building, and stormwater management area. One major criterion for the placement of test units within these areas was the concentration of artifacts. Four of the test units were placed in areas that yielded a comparatively high artifact recovery rate during shovel testing. One test unit was located to examine a potential historic feature and another to examine a possible sub-plowzone prehistoric level.

The prehistoric assemblage recovered during the 1994 Phase I/II project included a total of 404 lithic objects. Five of these objects were projectile points or projectile point fragments. Only two points (both made of rhyolite) were sufficiently complete and could be reliably assigned to diagnostic categories; a Savannah River point and a Bare Island point fragment broken during manufacture. The other lithic items were 2 bifaces, 4 quartz cores, a hammerstone, 301 flakes (249 are rhyolite), and 73 pieces of shatter. During the Late Archaic period the most commonly used lithic material at prehistoric sites in the Monocacy region is rhyolite or metarhyolite, which matches up nicely with the suite of diagnostic points thus far recovered from the site. The large amount of debitage present provides evidence that lithic reduction activities were occurring on the site. Rhyolite was probably transported to the site as blanks and worked into finished form. The finished tools were likely taken elsewhere (due to their minimal presence at the site). A low percentage of tertiary rhyolite flakes and resharpened tools indicates that tools or projectiles were also resharpened elsewhere. No prehistoric ceramics were identified and no features of any kind were encountered. In fact, fire-cracked rock was completely absent, all of which suggests that the site was only temporarily or seasonally occupied.

Two separate deposits were encountered within the historic component of the site, a burned/fill layer and the plowzone deposits surrounding it. The former had a high quantity of architectural debris, yet the absence of any historic features at the site would seem to indicate that this is intrusive fill generated on another portion of the campus and later redeposited in the 18FR150 survey area. The plowzone deposits have fewer architectural remains, but are difficult to characterize due to their disturbed nature. The site is best characterized as a simple artifact scatter.

A total of 447 activity items were recovered, most of which are unidentified agricultural tools (432). The remainder includes 4 pieces of barbed wire, 2 fragments of headlight glass, 3 pieces of machinery hardware, 5 pieces of lamp glass, and a portion of a glass base for a votive candle (likely a religious item). A total of 1841 architectural items were recovered from the site, including 34 pieces of asphalt, 577 fragments of brick, 74 ceramic pieces (tiles and pipes), 149 pieces of plate glass, 483 pieces of iron hardware (including 28 cut nails, 43 wire nails, 18 non-wire nails, 2 wrought nails, and 35 unidentifiable nail forms), 18 pieces of architectural stone, 183 fragments of mortar, 60 pieces of plaster, 69 fragments of slate (roofing tiles), 176 fragments of wood, 8 insulation or filter fibers, and 10 miscellaneous architectural items. Three clothing objects were excavated; a piece of fabric, a brass shank button, and a porcelain button. There were 587 kitchen items in the historic assemblage. Most of these were ceramics and glass. A total of 297 ceramic pieces were encountered, including 29 creamware sherds, 51 pearlware sherds, 3 creamware/whiteware sherds, 4 pearlware/whiteware sherds, 49 fragments of refined earthenware, 4 pieces of unidentified earthenware, a piece of ironstone, 2 sherds of soft paste porcelain, 22 redware sherds, 13 stoneware sherds, 3 terra cotta fragments, 96 whiteware sherds, 4 yellowware sherds and 16 unidentified sherds. The glass objects included 12 bottle glass shards, 6 pieces of vessel glass, and 175 pieces of unidentified domestic glass (may include lamp glass and other types not considered "kitchen" objects). The remaining kitchen-related items were 3 pieces of aluminum foil, an animal tooth, and 93 pieces of animal bone (pig, cow, and chicken). Only three personal items were recovered; 2 fragments of wood combs, and an unidentified personal item. One tobacco-related object was encountered; a kaolin pipe bowl. And finally, a total of 113 miscellaneous objects were recovered including 44 modern items such as styrofoam, soft plastic sheeting, and hard plastic; and 69 unidentified objects (mostly corroded iron).

Again, investigations at 18FR150 failed to reveal any prehistoric or historic features. Historic records and stratigraphic analysis confirm that the site was

MARYLAND
HISTORICAL



TRUST

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Late Archaic base camp, 19th-20th century artifact concentration

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repeatedly plowed during the 19th and 20th centuries. In addition, sections of the project area have been disturbed by 20th century construction and drainage control efforts. Phase II excavations indicated that this site lacks vertical integrity.

External Reference Codes (Library ID Numbers):

00005966, 00006060