



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18FR691

Site Name: Interceptor #2

Prehistoric

Other name(s)

Historic

Brief Description:

Late Archaic & possibly Early Woodland short-term resource procurement

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 17

SCS soil & sediment code

Latitude 39.4221

Longitude -77.3360

Physiographic province Eastern Piedmont

Terrestrial site

Underwater site

Elevation 82 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) Linganore 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

Contact period site

ca. 1820 - 1860

Archaic site

MD Adena

ca. 1630 - 1675

ca. 1860 - 1900

Early archaic

Early woodland

ca. 1675 - 1720

ca. 1900 - 1930

Middle archaic

Mid. woodland

ca. 1720 - 1780

Post 1930

Late archaic

Late woodland

ca. 1780 - 1820

Unknown historic context

Unknown prehistoric 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

Misc. ceremonial

Village

Rock art

Hamlet

Shell midden

Base camp

STU/lithic scatter

Rockshelter/cave

Quarry/extraction

Earthen mound

Fish weir

Cairn

Production area

Burial 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"/>	1
Vernon	<input type="checkbox"/>	
Piscataway	<input type="checkbox"/>	
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	
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"/>	Porcelain	<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"/>	43
Ground stone	<input type="checkbox"/>	
Stone bowls	<input type="checkbox"/>	
Fire-cracked rock	<input type="checkbox"/>	1
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 checked="" type="checkbox"/>	Ironstone	<input checked="" 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"/>	
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: +/- 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 Frederick County DPW

Additional raw data may be available online

Summary Description:

The Interceptor #2 Site (18FR691) in Frederick County, MD is a Late Archaic & possibly Early Woodland short-term use resource procurement site. It is a fairly light density lithic scatter measuring approximately 101 X 107 m in size. It is situated on the low, broad floodplain of Linganore Creek. Soils at the site consist of Chewacla Silt Loams.

The site was first identified during Phase I archeological investigations in preparation for the proposed Linganore Creek Sewer Interceptor Extension. Four segments of the sewer line corridor were surveyed using shovel testing and several archeological sites were identified, including 18FR691. A total of five shovel tests were excavated at 20 meter intervals within the site boundaries along the sewer line corridor. Artifacts recovered consisted of a rhyolite Patuxent-like point, a rhyolite projectile point tip (possible Susquehanna Broadspear), four flakes (one utilized), one retouched flake tool, two block/shatter fragments, one core, and one piece of fire-cracked rock. The projectile points suggest that the site was occupied during the Late Archaic/Transitional period.

Phase II testing was recommended at the site, as it would be directly impacted by the sewer/waste water interceptor line. Formal investigations were undertaken in accordance with Section 106 of the National Historic Preservation Act of 1966 in anticipation of application for a wetlands permit from the U.S. Army Corps of Engineers. Prior to excavations, intensive surface collection was undertaken within the entire plowed corn field in the vicinity of the site in an effort to further delimit the surface manifestation of the site and to identify artifact concentrations within it. A baseline was established along the centerline of the proposed sewer line. A datum point and four 1 X 1 meter test units were placed along this baseline at 20 m intervals, except Test Unit 4 which was placed at 30 m due to the extremely low density of prehistoric materials on the surface in this portion of the site. A single transect of four shovel tests extended north from the site datum at 30 m intervals. These shovel tests were intended to provide additional geomorphological data and to search for any intact archeological deposits north of the project corridor. Three of these shovel tests were placed within the site boundaries as identified during Phase I. The fourth was placed on the terrace above the site.

A total of 33 prehistoric artifacts, including 32 unmodified flakes and one biface fragment were recovered during Phase II testing at the site. The density of materials varied little across the surface of the site. Stratigraphic evidence indicates that much of this material is in secondary context, either plowed into a plowzone or redeposited from elsewhere during historic times. Although two plowzones and a plowscar were identified, no other features were found. Nearly 97% of the assemblage was composed of debitage, and most of this was rhyolite. Lesser amounts of quartz and ironstone were also recovered. Secondary reduction, biface thinning, and tool maintenance appear to have been the dominant lithic reduction activities at the site. Despite the fact that rhyolite outcrops occur within a few kilometers of the site, the lithic assemblage from the site included no cortical debitage.

Site 18FR691 is comprised of a diffuse scatter of prehistoric lithic artifacts. Stratigraphic and archeological data indicate that most, if not all, of the assemblage is in secondary context. Nearly all of the small assemblage from the site was recovered from within a buried plowzone and in recent alluvial material above it. The small number of artifacts below the buried Ap2 horizon (Ap plowzone) appear to be associated with extensive root disturbances within Test Unit 4. It is unlikely that the site (as currently defined) will yield additional significant archeological data. However, the Phase I survey which identified the current site boundaries focused primarily on the environs of the staked pipeline right-of-way. Field archaeologists report a much larger area containing lithic material at this location (see the MHT Walkersville Quad File #7), including the recovery of a rhyolite celt. Additional work may be warranted to determine if the site boundaries need to be expanded, or if the site is the result of the redepositing of small flakes (through flooding events) transported from another site upstream.

External Reference Codes (Library ID Numbers):

00006080