



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CH739

Site Name: P-JLK-40

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Prehistoric lithic scatter

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 11

SCS soil & sediment code AuD3

Latitude 38.6344

Longitude -77.0267

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation m

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 Matta

- | 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 76 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



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CH739

Site Name: P-JLK-40

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Prehistoric lithic scatter

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	<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		Other fired clay	
Flaked stone	<input type="checkbox"/> 20	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)	<input type="checkbox"/>	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 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		Tobacco related	
Pottery (all)	<input type="checkbox"/>	Activity item(s)	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	Faunal material	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/>
Arms	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Misc.	<input type="checkbox"/>
Personal items	<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



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18CH739

Site Name: P-JLK-40

Prehistoric

Other name(s)

Historic

Brief Description:

Prehistoric lithic scatter

Unknown

External Samples/Data:

Collection curated at

Additional raw data may be available online

Summary Description:

Site 18CH739 (P-JLK-40) is a prehistoric lithic scatter in northern Charles County, Maryland. The site is situated on a high, narrow terrace overlooking an unnamed tributary of Mattawoman Creek to the south. This landform has been highly dissected by erosion, with slopes dropping off to the north and south. The site is wooded and soils in the area are primarily of the Grosstown-Marr-Hoghole complex. The site is also situated very near Site 18CH657 (see synopsis report), which was first examined in the late 1990s as part of a housing subdivision project. It appears that examination during that study may have crossed over the boundary with 18CH739 and the spatial relationship between the two sites is somewhat uncertain.

The site was first identified as 18CH739 during Phase I survey in 2004 as part of a liquefied natural gas (LNG) pipeline project in Calvert, Charles, and Prince George's Counties. Again, the site may have already been investigated during the 1990s and considered a part of 18CH657. The proposed construction work involved the installation of a 36-inch pipeline over 48 miles of right-of-way, as well as construction of ancillary facilities (e.g. pipeyards and access roads). As such, Phase I and, in some cases, Phase II work was conducted throughout the pipeline right-of-way (ROW) and in other areas that might be impacted by the construction.

Phase I work in the pipeline ROW began in 2004 and involved the excavation of 15 meter interval shovel test pits (STPs) along two transects laid out across the terrace landform. STPs measured approximately 50 cm in diameter, and were excavated in natural soil horizons 15 cm into sterile subsoil. Excavated soils were screened through hardware mesh. Three adjacent STPs were positive, yielding 9 prehistoric artifacts. Shovel test artifact density ranged from 1 to 7 artifacts per STP. These finds delineate a prehistoric lithic scatter measuring 20 meters in diameter. An isolated retouched quartz flake was also recovered in a drainage cut approximately 20 meters southeast of the site.

The Phase I artifact assemblage consisted of 9 wasteflakes, all manufactured from either quartz or quartzite. No diagnostic artifacts were recovered. Based on Phase I shovel testing stratigraphy at 18CH739 appeared to be relatively undisturbed, consisting of an A-B1-B2 soil sequence. Artifacts were recovered from the A and B1 horizons, emphasizing the near-surface nature of this lithic scatter. Phase I shovel testing suggested that the site represents the remains of an undated prehistoric occupation, possibly a single encampment that included lithic reduction and scraping tasks. Since the site could not be avoided during pipeline construction, Phase II testing was recommended.

Phase II work was conducted in May of 2005 and included additional shovel testing as well as the excavation of a single 1 X 1 m test unit. A grid was established using a total station and the centerline of the ROW as an arbitrary east-west axis. Phase II testing began with the excavation of 6 transects of shovel tests at 5 meter intervals to clarify site boundaries and internal artifact distributions. The same methods for STP excavation were utilized in this study, as were used during Phase I work. Of the 20 Phase II shovel tests excavated, 5 were positive, yielding 9 additional lithic artifacts. This work confirmed the previous site boundary of 20 meters east-west by 20 meters north-south.

Subsequent to shovel testing, researchers excavated a single 1 X 1 m test unit to further sample the site's area of relatively higher artifact density. The test unit was placed on the eastern margin of the site, one meter west of a Phase I STP where 7 artifacts were recovered. Excavation of the test unit produced only two prehistoric lithics, for a total of 11 Phase II artifacts. Both of these were found exclusively in the A horizon while artifacts recovered from shovel tests were found in the A (5), BE (3), and B horizons (1). The Phase II STPs and test unit reveal that the typical soil profile at 18CH739 consists of an A-BE-Bt soil horizon sequence, probably formed in eroding Coastal Plain sediments.

Phase I and II investigations of Site 18CH739 produced 20 prehistoric artifacts, consisting of 1 broken middle-stage biface and 19 pieces of debitage. No diagnostic artifacts were recovered. An analysis of raw material types indicates that the assemblage is composed entirely of quartz (60%) and quartzite (40%). These materials are most likely of local or semi-local origin. Also, one quarter of the lithic artifacts retain cobble cortex and the remainder lack cortex, suggesting that lithic raw materials were obtained from secondary stream deposits rather than bedrock sources.

Site 18CH739 represents the remains of a small, undated prehistoric lithic scatter. The site has good-moderate integrity, but artifacts were only recovered from near surface deposits. Its undated status, low artifact density, small size and lack of identified cultural features indicate that it has little potential to yield significant information on local and regional prehistory.

External Reference Codes (Library ID Numbers):

00005812, 97002596