



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18AN1150

Site Name: Linda Avenue

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

19th - 20th century house site

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 7

SCS soil & sediment code

Latitude 39.1781

Longitude -76.7092

Physiographic province Western Shore Coastal

Terrestrial site

Underwater site

Elevation 43 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

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Spring

Minimum distance to water is 458 m

Freshwater

Stream/river

Swamp

Lake or pond

Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Archaic site

MD Adena

Early archaic

Early woodland

Middle archaic

Mid. woodland

Late archaic

Late woodland

Unknown prehistoric context

Contact period site

ca. 1820 - 1860

ca. 1630 - 1675

ca. 1860 - 1900

ca. 1675 - 1720

ca. 1900 - 1930

ca. 1720 - 1780

Post 1930

ca. 1780 - 1820

Unknown historic 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? 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

Flotation samples taken

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"/>
Dames Qtr	<input type="checkbox"/>	Coulbourn	<input type="checkbox"/>
Selden Island	<input type="checkbox"/>	Watson	<input type="checkbox"/>
Accokeek	<input type="checkbox"/>	Mockley	<input type="checkbox"/>
Wolfe Neck	<input type="checkbox"/>	Clemson Island	<input type="checkbox"/>
Vinette	<input type="checkbox"/>	Page	<input type="checkbox"/>
Shepard	<input type="checkbox"/>	Townsend	<input type="checkbox"/>
Minguannan	<input type="checkbox"/>	Sullivan Cove	<input type="checkbox"/>
Shenks Ferry	<input type="checkbox"/>	Moyaone	<input type="checkbox"/>
Potomac Crk	<input type="checkbox"/>	Keyser	<input type="checkbox"/>
Yeocomico	<input type="checkbox"/>	Monongahela	<input type="checkbox"/>
Susquehannock	<input type="checkbox"/>		

Historic Sherd Types		Ironstone		Staffordshire		Stoneware	
Earthenware			2			English Brown	<input type="checkbox"/>
Astbury	<input type="checkbox"/>	Jackfield	<input type="checkbox"/>	Tin Glazed	<input type="checkbox"/>	Eng Dry-bodied	<input type="checkbox"/>
Borderware	<input type="checkbox"/>	Mn Mottled	<input type="checkbox"/>	Whiteware	13	Nottingham	<input type="checkbox"/>
Buckley	<input type="checkbox"/>	North Devon	<input type="checkbox"/>	Porcelain	<input type="checkbox"/>	Rhenish	<input type="checkbox"/>
Creamware	<input type="checkbox"/>	Pearlware	1			Wt Salt-glazed	<input type="checkbox"/>

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts			
Flaked stone	<input type="checkbox"/>	Other fired clay	<input type="checkbox"/>
Ground stone	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Stone bowls	<input type="checkbox"/>	Modified faunal	<input type="checkbox"/>
Fire-cracked rock	<input type="checkbox"/>	Unmod faunal	<input type="checkbox"/>
Other lithics (all)	<input type="checkbox"/>	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		Fer quartzite		Sil sandstone	
Jasper	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartz	<input type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Sandstone	<input type="checkbox"/>		

Dated features present at site

Late 19th or 20th century foundation remnant.

Historic Artifacts			
Pottery (all)	20	Tobacco related	<input type="checkbox"/>
Glass (all)	33	Activity item(s)	3
Architectural	69	Human remain(s)	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Faunal material	<input checked="" type="checkbox"/>
Arms	<input type="checkbox"/>	Misc. kitchen	23
Clothing	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Personal items	1	Misc.	172
		Other	<input type="checkbox"/>

Historic Features			
Const feature	<input type="checkbox"/>	Privy/outhouse	<input type="checkbox"/>
Foundation	<input type="checkbox"/>	Well/cistern	<input type="checkbox"/>
Cellar hole/cellar	<input type="checkbox"/>	Trash pit/dump	<input type="checkbox"/>
Hearth/chimney	<input type="checkbox"/>	Sheet midden	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>	Planting feature	<input type="checkbox"/>
Paling ditch/fence	<input type="checkbox"/>	Road/walkway	<input type="checkbox"/>
		Depression/mound	<input type="checkbox"/>
		Burial(s)	<input type="checkbox"/>
		Railroad bed	<input type="checkbox"/>
		Earthworks	<input type="checkbox"/>
		Mill raceway	<input type="checkbox"/>
		Wheel pit	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<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:

The Linda Avenue site (18AN1150) is the location of a 19th - 20th century house near Hanover in northern Anne Arundel County, Maryland. The site is situated in a forested flat upland area near an unnamed intermittent tributary of Stony Run, just west of the Baltimore Washington International (BWI) Airport. The woods within which the site is located are primarily rows of young pine trees that were likely planted when the property was taken out of agriculture. It was plowed at one time. Soils at the site are primarily Patapsco sands and Fort Mott loamy sands.

The site was first identified in 1999 as the result of a Combined Phase I/II investigation of a 116 acre area either owned or of interest to the Maryland Aviation Administration west of the BWI Airport. The work was conducted in the fall of that year to determine the impact of potential development of the area, related to airport operations. The nature of future development plans required archeological investigation to assess any potential adverse effects to any cultural resources present under Section 106 of the National Historic Preservation Act, and Article 83B, paragraph 5-618 (g) of the Annotated Code of Maryland.

Phase I work in the vicinity of 18AN1150 entailed the excavation of systematic shovel test pits (STPs) at 20 meter intervals. STPs were excavated according to stratigraphic layers and all excavated material was passed through hardware cloth screens for uniformity of artifact recovery.

The Linda Avenue site was identified by a cluster of positive STPs roughly 99 X 99 m (325 X 325 ft). The STPs contained a combination of historic ceramics and an assortment of window glass and coal fragments. One piece of yellowware, and one piece of pearlware were among the fragments of historic ceramics recovered within this concentration. The full assemblage is described below along with the Phase II materials.

A feature was discovered along the northeastern edge of the site. After excavating approximately 22 cm of dark brown sandy loam fill with a 30% gravel content, a solid piece of concrete slab, along with several broken pieces of concrete were discovered in the STP. In addition to the concrete, pieces of tile and tarpaper were also recovered from the shovel test. At approximately 30 cm below ground surface the STP was halted, and the feature was left intact. Feature 5 possibly represented part of a late 19th or 20th century structural foundation.

Based on the analysis of Phase I STPs, the decision was made to proceed to a Phase II level of testing and two 1 X 1 m test units were excavated to examine soil stratigraphy and site integrity at 18AN1150. Both test units were located between rows of pine in order to minimize root disturbance and maximize the potential for excavating natural soil stratigraphy. Each test unit was excavated at least 10 cm into sterile subsoil. Test units were excavated using 10 cm arbitrary levels within natural soils layers.

Most material throughout the site encountered during Phase II was recovered from the upper plowzone, but some material was recovered from the underlying second stratum.

A second feature was found in one of the test units. It consisted of a dark soil stain that likely represents a very deep plow scar or a naturally created gully at the base of the slope which filled with some cultural refuse over time. The latter is more likely because of the irregularity of the feature's shape. The total artifact assemblage included 305 artifacts. Horizontal distribution peaks were as high as 23 artifacts in a single STP, but roughly half of the total site assemblage came from the Phase II test units.

The project boundary was expanded after the Phase II test units had been completed, and more STPs were excavated as part of the Phase II work. The STP excavations in this northern area indicated multiple areas of disturbance associated with mid 20th century road construction and residences at this location.

In general, Phase I field results had suggested a 19th through 20th century site with good vertical integrity, including the possibility of subplowzone features or deposits. Conversely, Phase II investigation of the site indicates that the plowzone had penetrated through most yard deposits, leaving only a thin in situ remnant near the center of the site.

The full artifact assemblage collected in 1999 (both Phase I and II work) included 3 activity items (1 pencil lead and 2 unidentified items), 69 architectural artifacts, 61 kitchen-related artifacts, 1 personal object, and 172 miscellaneous and modern objects (142 of which were pieces of coal). The architectural assemblage consisted of 5 pieces of asphalt and tar, 23 pieces of brick, a cement fragment, 15 pieces of window glass, 4 cut nails, 8 other iron fasteners, 4 linoleum fragments, 3 pieces of architectural stone, 5 mortar fragments, and an unidentified architectural artifact. The kitchen assemblage consisted of 20 ceramic sherds (1 pearlware, 13 whiteware, 2 ironstone, 1 Rockingham, 1 other yellowware, and 2 buff-bodied stoneware), 18 pieces of container glass, and 23 oyster shell fragments.

Based on these findings, the site was determined to likely be the remains of a domestic site dating principally to the late 19th or 20th century. The site was determined to have little if any significant research value and no further work was conducted. Subsequent to the 1999 archeological work, facilities at BWI have expanded and the site was likely destroyed.

External Reference Codes (Library ID Numbers):

97000456