



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18BA432

Site Name: Lyonsfield II

Prehistoric

Other name(s)

Historic

Brief Description:

prehistoric lithic scatter

Unknown

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 14

SCS soil & sediment code

Latitude 39.3951

Longitude -76.8057

Physiographic province Eastern Piedmont

Terrestrial site

Underwater site

Elevation m Site slope 0

Ethnobotany profile available Maritime site

Nearest Surface Water

Name (if any) Unnamed tributary of Red

Saltwater

Ocean

Estuary/tidal river

Tidewater/marsh

Minimum distance to water is 0 m

Freshwater

Stream/river

Swamp

Lake or pond

Spring

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

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?

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		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	<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		Other fired clay	
Flaked stone	1034	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	1	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 checked="" 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	<input type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Jasper	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>
Chert	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>	Argilite	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>
Quartzite	<input checked="" 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

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

Additional raw data may be available online

Summary Description:

The Lyonsfield II Site (18BA432) is a prehistoric lithic scatter representing a short-term resource procurement camp. Lithic material from the site indicated a primary function as a prehistoric quarry where local quartz and quartzite was processed. The site is located near Owings Mills in Baltimore County, Maryland. The closest water source is an unnamed tributary of Red Run. Soils on the terrace above the floodplain are of the Glenville silt loam series and the poorly drained seasonal wetland soils that border the stream are within the Manor-Glenelg association. Dense cobble deposits are present throughout the soil column.

Archival investigation revealed that no prehistoric or historic archeological sites had been recorded within and in the immediate vicinity of the site area prior to archeological investigations in 1993. There was, however, considerable activity in the larger area during those times. The nearest sites were recorded over 0.5 km away from Site 18BA431. Prehistoric and historic sites were identified during surveys to the north and east of the site; a total of 19 previously recorded prehistoric sites were located within the Red Run drainage.

Phase I and Phase II archeological investigations were undertaken at the site in 1993 ahead of development at the proposed Villages of Lyonsfield Run residential subdivision location. The survey was required as a condition of approval of a wetlands permit from the US Army Corps of Engineers. The objectives of the study were to identify all archeological resources within the designated area of potential effects, to review those results in light of specific historic contexts, to evaluate the potential significance of those resources, applying National Register of Historic Places criteria, and to establish impacts and mitigation needs for any significant sites or components. These objectives were met through a combination of archival investigation, archeological fieldwork, and analysis.

The designated area of potential effect (the project area) encompassed an approximately 6.94 hectare (17.14 ac) portion of the total 75 hectare (185 ac) proposed development site. The project area was bordered by undeveloped woodlot to the south and the southwest, by residential properties to the north, and by Lathe Road to the east. The project area consisted of 3 contiguous areas: Area A was a 0.44 ha area located within a wooded tract bounded to the north by a small tributary of Red Run; Area B was a 0.46 ha tract located about 240 m northwest of Area A in a gently sloping woodlot bounded to the south by a deeply cut tributary of Red Run; Area C was a 6.04 ha tract located between those two tributaries on a low ridge that runs from west to east.

Phase I field investigations consisted of systematic shovel test pit (STP) excavations placed within a 20 m grid across each of the survey areas with close interval shovel testing (5 m) around positive STPs. Soils were removed by natural strata and screened through 0.635 cm (0.25 in) hardware mesh. Phase II investigations entailed close-interval shovel testing (5 m intervals in Area A and 10 m intervals in Areas B and C) and the excavation of 1 m² test units. The soil from test units was first screened through 0.635 cm mesh then all screened residue was retained for water screening. During the analysis of the Phase I assemblage from Areas A, B, and C, quartz and quartzite were combined under the rubric 'quartz'. This also applied to the Phase II, Area A assemblage; however, during the analysis of the Phase II assemblages from Areas B and C the materials were divided into quartz and quartzite.

Three prehistoric sites (18BA431, 18BA432, and 18BA433) were identified during the Phase I testing; Site 18BA431 was a small processing site and 18BA433 was a larger quarry/processing site with a more intensive occupation component. A total of 21 STPs were excavated in Area B. Site 18BA432 was identified as a 60 x 60 meter area located on the stream terrace of the southern boundary of Area B. No features or diagnostic artifacts were found. A total of 124 lithic artifacts were recovered during the Phase I testing. There were 38 quartz flakes, 72 pieces of quartz shatter, 12 quartz cores, 1 piece of quartzite shatter and 1 small rhyolite flake.

Phase II testing at the site was restricted to the general area of the proposed stream crossing (the western portion of Area B). Six STPs and 2 test units were excavated. A total of 911 artifacts were recovered during the Phase II investigations. There were 893 quartzite flakes, 1 quartz flake, 13 rhyolite flakes, 1 basalt flake, and 2 quartzite core fragments. A quartzite fire-cracked rock fragment was also collected. Activity appeared to be focused on the intensive reduction of quartzite boulders found eroding out of the soil in the general vicinity of the site. Flakes were large, cores were poorly formed, and few finished tools were recovered. The rhyolite flakes were thinning and retouch flakes that are mostly associated with the maintenance of existing tools. Unfortunately, no diagnostic artifacts were recovered from the site and no cultural features were found.

The Lyonsfield II Site (18BA432) is a prehistoric lithic scatter representing a short-term resource procurement camp. Lithic material from the site indicated a primary function as a prehistoric quarry where local quartz and quartzite was processed. The lithic material from the site is morphologically and functionally undifferentiated and no chronological indicators were present. It was determined that those portions within the area of potential effect lacked substantive research potential and the qualities of significance for listing on the National Register of Historic Places. No further archeological work is warranted for Site 18BA432.

External Reference Codes (Library ID Numbers):

00005516