MARYLAND HISTORICAL TRUST

Phase II and Phase III Archaeological Database and Inventory

Site Number: 18WO193 **Site Name:** MD 22

Other name(s)

Prehistoric ☑ Historic ☑ Unknown ☐

Brief Description: Late Archaic, and Early, Middle, & Late Woodland short-term res. pro. camp, 19th century field scatter

Site Location and Environmental Data:

Latitude 38.3903 Longitude -75.1986

Elevation m Site slope 2-10%

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

Maryland Archaeological Research Unit No. 1 SCS soil & sediment code

Physiographic province Eastern Shore Coastal P Terrestrial site ☑ Underwater site ☐

Ethnobotany profile available ☐ Maritime site ☐

Topography

Floodplain	☐	High terrace	☐
Hilltop/bluff	☐	Rockshelter/ cave	☐
Interior flat	☐	Hillslope	☐
Upland flat	☐	Unknown	☐
Ridgetop	☐	Other	☐
Terrace	☑		
Low terrace	☐		

Ownership

Private	☑
Federal	☐
State of MD	☐
Regional/ county/city	☐
Unknown	☐

Nearest Surface Water

Name (if any) Church Branch

Saltwater		Freshwater	
Ocean	☐	Stream/river	☑
Estuary/tidal river	☐	Swamp	☐
Tidewater/marsh	☑	Lake or pond	☐
		Spring	☐

Minimum distance to water is 12 m

Temporal & Ethnic Contextual Data:

Paleoindian site		Woodland site		Contact period site		ca. 1820 - 1860	Y
Archaic site		MD Adena		ca. 1630 - 1675		ca. 1860 - 1900	Y
Early archaic		Early woodland	Y	ca. 1675 - 1720		ca. 1900 - 1930	
MIddle archaic		Mid. woodland	Y	ca. 1720 - 1780		Post 1930	
Late archaic	Y	Late woodland	Y	ca. 1780 - 1820			

Unknown prehistoric context ☐ Unknown historic context ☐ Unknown context ☐

Ethnic Associations (historic only)

Native American		Asian American	
African American		Unknown	Y
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	☑	Furnace/forge	☐	**Military**	☐	Post-in-ground	☐
Homestead	☐	Other	☐	Battlefield	☐	Frame-built	☐
Farmstead	☐	**Transportation**	☐	Fortification	☐	Masonry	☐
Mansion	☐	Canal-related	☐	Encampment	☐	Other structure	☐
Plantation	☐	Road/railroad	☐	**Townsite**	☐	**Slave related**	☐
Row/townhome	☐	Wharf/landing	☐	**Religious**	☐	**Non-domestic agri**	☐
Cellar	☐	Maritime-related	☐	Church/mtg house	☐	**Recreational**	☐
Privy	☐	Bridge	☐	Ch support bldg	☐	**Midden/dump**	☐
Industrial	☐	Ford	☐	**Burial area**	☐	**Artifact scatter**	☑
Mining-related	☐	**Educational**	☐	Cemetery	☐	**Spring or well**	☐
Quarry-related	☐	**Commercial**	☐	Sepulchre	☐	**Unknown**	☐
Mill	☐	Trading post	☐	Isolated burial	☐	**Other context**	☑
Black/metalsmith	☐	Store	☐	**Bldg or foundation**	☐	field scatter?	
		Tavern/inn	☐	Possible Structure	☐		

Interpretive Sampling Data:

Prehistoric context samples

Soil samples taken Y

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

Clovis		Koens-Crispin	
Hardaway-Dalton		Perkiomen	
Palmer		Susquehana	
Kirk (notch)		Vernon	
Kirk (stem)		Piscataway	
Le Croy		Calvert	
Morrow Mntn		Selby Bay	2
Guilford		Jacks Rf (notch)	
Brewerton	1	Jacks Rf (pent)	
Otter Creek		Madison/Potomac	
		Levanna	12

All quantities exact or estimated minimal counts

Prehistoric Sherd Types

				Shepard		Keyser	
Marcey Creek		Popes Creek	147	Townsend		Yeocomico	
Dames Qtr		Coulbourn	3	Minguannan	6	Monongahela	
Selden Island		Watson		Sullivan Cove		Susquehannock	
Accokeek		Mockley		Shenks Ferry			
Wolfe Neck	44	Clemson Island		Moyaone			
Vinette		Page		Potomac Crk			

Historic Sherd Types

		Ironstone	6	Staffordshire		**Stoneware**	
Earthenware		Jackfield		Tin Glazed		English Brown	
Astbury		Mn Mottled		Whiteware	1	Eng Dry-bodied	
Borderware		North Devon		**Porcelain**		Nottingham	
Buckley		Pearlware				Rhenish	
Creamware	1					Wt Salt-glazed	

Other Artifact & Feature Types:

Prehistoric Artifacts

		Other fired clay	
Flaked stone	2540	Human remain(s)	☐
Ground stone	2	Modified faunal	
Stone bowls		Unmod faunal	
Fire-cracked rock	6	Oyster shell	☐
Other lithics (all)	37	Floral material	☐
Ceramics (all)	510	Uncommon Obj.	
Rimsherds	9	Other ☐	

Prehistoric Features

Mound(s)		Storage/trash pit	☐
Midden	☐	Burial(s)	☐
Shell midden	☐	Ossuary	☐
Postholes/molds	☐	Unknown	☐
House pattern(s)	☐	Other	☐
Palisade(s)	☐		
Hearth(s)	☐		
Lithic reduc area	☐		

Lithic Material

		Fer quartzite	☐	Sil sandstone	☐
Jasper	☑	Chalcedony	☑	European flint	☐
Chert	☑	Ironstone	☐	Basalt	☐
Rhyolite	☑	Argilite	☐	Unknown	☐
Quartz	☑	Steatite	☐	Other	☑
Quartzite	☑	Sandstone	☑	conglomerate	

☐ **Dated features present at site**

Historic Artifacts

		Tobacco related	2
Pottery (all)	24	Activity item(s)	1
Glass (all)	678	Human remain(s)	☐
Architectural	446	Faunal material	☑
Furniture		Misc. kitchen	1
Arms		Floral material	☐
Clothing		Misc.	61
Personal items		Other ☑	coal

Historic Features

		Privy/outhouse	☐	Depression/mound	☐
Const feature	☐	Well/cistern	☐	Burial(s)	☐
Foundation	☐	Trash pit/dump	☐	Railroad bed	☐
Cellar hole/cellar	☐	Sheet midden	☐	Earthworks	☐
Hearth/chimney	☐	Planting feature	☐	Mill raceway	☐
Postholes/molds	☐	Road/walkway	☐	Wheel pit	☐
Paling ditch/fence	☐				

Unknown	☐	
Other	☐	

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

☐ Additional raw data may be available online

Summary Description:

Site MD 22 (18WO193) is a multicomponent site with a prehistoric component dated to the Late Archaic and Woodland periods and a small 19th century historic component. The site is located on a terrace and bluff above Church Branch partly in a cultivated field and partly in a wooded rise in Worcester County. Evidence of the historic occupation was found scattered across the site. The prehistoric component was confined to the southern and western portion of the site that measured approximately 40X40 m. The soil type at the site is Fort Mott loamy sand, deep and well-drained soils that occur on uplands. The artifact density and distribution indicated that the entire site area measures 110X50 m at its maximum and encompasses approximately 5,500 m².

The site was initially identified in early 1997 during Phase I surface collection, auger testing, and the excavation of 5 shovel test pits (STPs) for (then) planned improvements to US113. Phase II work was conducted at MD 22 between November and December 1997. The goals of the Phase II study were to determine if undisturbed prehistoric artifacts existed below the plowzone, if there were archeological features associated with the prehistoric component, and to determine the level of disturbance across the site. Phase II methods employed the excavation of 83 STPs at 20 m intervals (except in the southern and eastern sections where the interval was reduced to 10 m in order to clarify the site boundary), ten 1X1 m test units (TUs), one 1X2 m TU, and 3 backhoe trenches. Surface collection was also done in thirteen 10X10 m grid stations. No site-specific historical background research was conducted for MD 22 because the Phase I results suggested that the historical component had minimal information potential. Soil samples were taken from TU 8 and submitted for Oxidizable Carbon Ratio (OCR) analysis. Two assays returned dates of 3,000 BP for Stratum II and 7,872 BP for Stratum III. A total of 610 artifacts were recovered from the Phase I and Phase II work. These items are combined with the Phase III artifacts in the total counts given below.

Phase III data recovery was started at the end of 1999. Investigation took place only within the portions of the site that were to be impacted by the proposed construction along US 113, which involves the western portion of the site. Due to the nature of the planned construction, in situ avoidance and preservation was not possible. Research goals for this phase of fieldwork were to establish a fine-grained chronology of occupation at the site, to investigate the depositional history and stratigraphic chronology at the site, to investigate subsistence patterns, and attempt to determine site function, seasonality, and settlement plan. A total of thirty 1 m² TUs were excavated in 4 blocks (5 TUs in Block A, 5 TUs in Block B, 2 TUs in Block C, 18 TUs in Block D) as part of the Phase III fieldwork.

A total of 3,104 prehistoric artifacts were collected from Site MD 22 (18WO193). Diagnostic projectile points include 1 Meadowood, 1 Brewerton Eared, 12 Levanna, 5 Rossville, and 2 Selby Bay types. There was 1 unidentified projectile point base. The rest of the 2,540 chipped stone items include 16 bifaces and biface fragments, 4 scrapers, 1 drill, 3 modified flakes, 24 utilized flakes, and 2,470 debitage and cores. Other lithics (37) include 4 cobble fragments, 1 hammerstone, 1 battered cobble, 26 cracked rocks, and 5 fire reddened rocks. There were 2 groundstone fragments and 6 fire-cracked rocks. Jasper was the dominant material type at the site followed by quartzite, quartz, and rhyolite. There was a total of 510 ceramic items (40 Wolf Neck Cordmarked, 4 Wolf Neck Net Impressed, 3 Coulbourn Net Impressed, 109 Rappahannock Fabric Impressed, 38 Rappahannock Incised, 4 Minguannan Fabric Impressed, 2 Minguannan Incised, and 310 unidentified sherds). Nine of the sherd fragments were rims. Blocks A, B, and C had a considerably disturbed A horizon plow zone and a majority of the artifacts recovered from the blocks were historic (82%). Although the A Horizon of Block D also appeared to be disturbed, artifact patterning is apparent. The distribution of artifacts in Block D points to Middle Woodland projectile points clustering in the eastern half of the block with Middle Woodland ceramics clustering in the western half of the block. These patterns could indicate some internal partitioning of activity areas.

A total of 789 historic artifacts were collected from the site. There was 1 activity item (a metal strap loop). There were 446 architecture-related items (16 brick fragments, 3 cut nails, 4 wire nails, 410 window glass shards, 1 mortar fragment, 1 roofing slate tile, 1 asbestos shingle, and 2 spikes. There were 279 kitchen items (254 bottle glass fragments, 6 late refined earthenware, 1 buff-bodied earthenware, 1 creamware, 6 ironstone, 2 gray stoneware, 1 gray salt-glazed stoneware, 1 whiteware, and 6 redware sherds, and 1 shell fragment). Sixty-one miscellaneous items include 14 unidentified glass shards, 39 unidentified metal fragments, 3 pieces of plastic, and 5 pieces of coal. Two tobacco items were 1 clay pipe stem and 1 clay pipe bowl fragments. The items represent a 19th artifact scatter.

Temporally diagnostic materials from Site MD 22 (18WO193) are associated with the Late Archaic, early Middle Woodland, late Middle Woodland, and Late Woodland components. Prehistoric material found within the proposed construction right-of-way was low-density and was associated with the Early, Middle, and Late Woodland periods. The site appears to have been used on a short-term basis by small groups as a hunting camp and/or procurement site. The data recovery and fieldwork mitigates the adverse impact to the ROW portion of this significant archeological resource. The portion outside of the ROW contains undisturbed, intact deposits and no further study is recommended in association with this site.

External Reference Codes (Library ID Numbers):

00005093, 00007274, 97000418