



Phase II and Phase III Archaeological Database and Inventory

Site Number: 18GA25

Site Name: Meadow Mountain Chert Quarry

Prehistoric

Other name(s)

Historic

Unknown

Brief Description:

Late Woodland chert quarry

Site Location and Environmental Data:

Maryland Archaeological Research Unit No. 24

SCS soil & sediment code CuB

Latitude 39.5532 Longitude -79.2664

Physiographic province Allegheny Plateau

Terrestrial site

Underwater site

Elevation 811 m Site slope 0-5%

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

Minimum distance to water is 61 m

Freshwater

Stream/river

Swamp

Lake or pond

Spring

Temporal & Ethnic Contextual Data:

Paleoindian site

Woodland site

Archaic site

MD Adena

Early archaic

Early woodland

Middle archaic

Mid. woodland

Late archaic

Late woodland

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

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts			
Flaked stone	2658	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)	1	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"/>
Midden	<input type="checkbox"/>
Shell midden	<input type="checkbox"/>
Postholes/molds	<input type="checkbox"/>
House pattern(s)	<input type="checkbox"/>
Palisade(s)	<input type="checkbox"/>
Hearth(s)	<input type="checkbox"/>
Lithic reduc area	<input type="checkbox"/>
Storage/trash pit	<input type="checkbox"/>
Burial(s)	<input type="checkbox"/>
Ossuary	<input type="checkbox"/>
Unknown	<input type="checkbox"/>
Other	<input type="checkbox"/>

Lithic Material			
Jasper	<input type="checkbox"/>	Fer quartzite	<input type="checkbox"/>
Chert	<input checked="" type="checkbox"/>	Sil sandstone	<input type="checkbox"/>
Rhyolite	<input type="checkbox"/>	Chalcedony	<input type="checkbox"/>
Quartz	<input type="checkbox"/>	Ironstone	<input type="checkbox"/>
Quartzite	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
		European flint	<input type="checkbox"/>
		Argilite	<input type="checkbox"/>
		Steatite	<input type="checkbox"/>
		Unknown	<input type="checkbox"/>
		Other	<input checked="" type="checkbox"/>
		Sandstone	<input type="checkbox"/>
		limestone	<input type="checkbox"/>

Dated features present at site

Historic Artifacts			
Pottery (all)	<input type="checkbox"/>	Tobacco related	<input type="checkbox"/>
Glass (all)	<input type="checkbox"/>	Activity item(s)	<input type="checkbox"/>
Architectural	<input type="checkbox"/>	Human remain(s)	<input type="checkbox"/>
Furniture	<input type="checkbox"/>	Faunal material	<input type="checkbox"/>
Arms	<input type="checkbox"/>	Misc. kitchen	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	Floral material	<input type="checkbox"/>
Personal items	<input type="checkbox"/>	Misc.	<input type="checkbox"/>
		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"/>	Unknown	<input type="checkbox"/>
Burial(s)	<input type="checkbox"/>	Other	<input type="checkbox"/>
Railroad bed	<input type="checkbox"/>		
Earthworks	<input type="checkbox"/>		
Mill raceway	<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 MAC, Carnegie

Additional raw data may be available online

Summary Description:

The Meadow Mountain Chert Quarry (18GA25) in Garrett County, MD is an apparent Late Woodland lithic procurement locale. The site is situated southwest of Bittinger near an area known as the Glades; a large peat bog at the headwaters of the Casselman River. The surface of the site is pocked with irregularities that may be the remains of prehistoric quarrying pits. The exact nature of the depressions could be the focus of more intensive investigations in the future. Soils at the site are classified as Cookport and Ernest very stony silt loams.

The site has been known to local collectors since at least the 1940s, but the first systematic study at 18GA25 was conducted in the early 1950s by the Carnegie Museum's Upper Ohio Valley Survey with the assistance of Bob Corliss, a local avocational archeologist. The survey work involved a limited amount of surface and test excavation work, but little else is known about the field methods or the data recovered. The Corliss collection from the site contains 2 triangular points (though 3 are illustrated in his notes), several cores and block flakes, and over 100 chert flakes. More than a dozen of the flakes do not originate from the outcrops on the site, but are of non-local lithic material. It is not known whether this collection is the result of Corliss' collaboration with the Carnegie or is from independent work at the site, or both combined. Corliss' notes also contain a site map, indicating that at some point prior to 1970 a 101.6 cm X 60.96 cm (40 in X 24 in) test unit was excavated at the site. Again, it is not known if this is the testing performed at the site as part of the Carnegie survey or is a test unit independently dug by Corliss.

Subsequent work by the Maryland Geological Survey archeologists (now the MHT) in 1972 was confined to the collection of additional chert samples from the surface and the placement of four small test units on the site. One end scraper, 1 triangular point, and numerous chert pieces were retrieved from the excavations. No formal report has ever been prepared regarding this testing, but the collection is accessioned in the Maryland Archeological Conservancy Lab as 1972.016.003.

The site was revisited in 1987 as part of the Western Maryland Coal Region Survey. A series of five 1 meter test units were randomly placed in an area measuring roughly 10 by 20 meters. Previously excavated pits (from 1972) were not discernable, however, a recent logging road had cut through the site, exposing an extensive scatter of chert quarry debris. No features were revealed in any of the test units, but after removal of a very shallow A horizon, artifacts were present in a sandy clay B horizon. It is thought that the generally moist soil conditions on the site and the shallow A horizon has contributed to the working of quarried and discarded materials down into the B horizon, rather than the B horizon representing an undisturbed buried cultural deposit.

A total of 2,528 pieces of lithic quarry debris were collected from the surface and from the 5 test units. Much of the material is in raw form and is difficult to classify as worked or natural. As a direct result of quarrying, a number of fragments classified as chunks, blocks, shatter, and so forth comprise the bulk of the assemblage. Some of the breaks on pieces may be natural due to heat or frost action, however, many of the pieces exhibit definite flake scars which could only have been inflicted through intentional human action. Overall, the lithic assemblage from the 1987 work included mainly large chunks, smaller pieces of shatter, burnt blocks and fragments of chert, cores, flakes without platforms and bulbs of percussion, and flakes with bulbs. Only one hammerstone was recovered and there was a conspicuous absence of quarry blanks and bifaces in various stages of manufacture. It is expected that there were definite areas at the site where such items were being produced, but they were not located during the 1987 field season. The boundaries of the site are not well known and perhaps such activities were taking place in peripheral areas of the site. Additional work is warranted to better understand the process of prehistoric chert quarrying in western Maryland.

External Reference Codes (Library ID Numbers):

00000381, 97000645