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TRACKER
Archaeology Services, Inc.
Tracking the Footsteps of the Ancestors

REPORTS OF INVESTIGATIONS

Phase I Archaeological Investigations
for a proposed subdivision at Wards Point
Township of Shelter Island
Suffolk County, New York

2001

A10307.000724 - FIRST - identified in this REPORT - But previously Reported to us for USN. - Report NOT SENT until Now.

Prepared for:

EN-Consultants, Inc., Southampton, New York

H.O.C. Investments, LLC, Loudonville, New York

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Report #: 110

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ABSTRACT

During July and August, 2000, TRACKER-Archaeology Services conducted Phase I archaeological investigations for the H.O.C. Investments, LLC property at Wards Point in Shelter Island, New York. The purpose of the study was to provide evidence for the presence or absence of prehistoric or historic archaeological remains.

Documentary evidence had revealed that project area was situated in a location that evidenced a high potential for the recovery of prehistoric and historic archaeological sites.

The field survey consisted of the excavation of 211 shovel test pits across the property. A prehistoric site was encountered on the property. No historic archaeological artifacts were encountered. Numerous historic structures were apparent on the property.

A Phase II intensive testing is recommended for Lot four (4) of the project area if its information is threatened. Lot 4 contains the prehistoric site as well as most of the historic structures.

The Phase II work should include additional shovel testing to determine both site density and tighten site borders. Additional shovel testing should also be conducted around the historic 3 story residence at this time to further search for any historic archaeological features relating to the Ward family. Excavation units should also be conducted as part of the Phase II intensive testing.

No further archaeological work is recommended for the remaining portion of the project area, which includes Lots, 1, 2, 3, 5 and 6.

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INTRODUCTION

Between July 31 and August 18, 2000 TRACKER-Archaeology Services conducted a Phase IA documentary study and a Phase IB archaeological survey for the proposed subdivision at Wards Neck, Township of Shelter Island, Suffolk County, New York.

The purpose of the documentary study was to determine the prehistoric and historic potential of the project area for the recovery of archaeological remains. The Phase IA was implemented by a review of the original and current environmental data, archaeological site files, other archival literature, maps and documents.

The prehistoric and historic site file search was conducted utilizing the resources of the New York State Historic Preservation Office in Waterford, New York. The National Archaeological Data Base, a federally sponsored project, was queried via the internet to review any pertinent site information. Research institutions utilized included: Shelter Island Historical Society, New York State archives at Stony Brook, and the library at TRACKER-Archaeology Services.

The purpose of the survey was to recover physical evidence for the presence or absence of archaeological sites on the property. This was accomplished through subsurface testing and ground surface reconnaissance.

The size of the property was about 16 acres in size. However, this included the bluffs, the beach and acreage occupied by the numerous structures on the property. The actual surveayable portion of the property was closer to 12 or 12.5 acres.

The study was completed by TRACKER-Archaeology Services, Inc. of North Babylon, New York. Prehistoric and historic research was conducted by Alfred Cammisa, M.A. Phase IB field work was completed by Alfred Cammisa, Felicia Cammisa, B.A., Caitlin Shann, B.A and Patrick Burgos. Report preparation was by Alfred Cammisa. Editing assistance by Felicia Cammisa. Text on Word Perfect 8. Topographic assistance with Terrain Navigator 5.

The work was conducted for EN-Consultants of Southampton, New York and H.O.C. Investments, LLC of Loudonville, New York.

ENVIRONMENT

Geology

The project area is located in the southeast portion of New York State in the eastern part of Suffolk County. This portion of New York lies in the Atlantic Coastal Plains Physiographic Province. The coastal plain slopes gently eastward and is actually a strip of recently emerged sea bottom. The soils in this region consist largely of sand, clay and marl (a mixture of clay, finely fragmented shell and calcite). This region of Suffolk County appears to lie on a recessional moraine north of the Ronkonkoma Moraine (Schuberth 1968:cover map, 9, 184-187; Soren and Jensen 1974; Sirkin 1995:32, 45-47, 143, 144).

Soils and Topography

Soils on the property consist of Montauk fine, sandy loam, 3 to 8 percent slopes, Bridgehampton silt loam, till substratum 2 to 6 percent slopes, and Beach (Warner 1975: map 10, 62, 65, and 74).

Montauk soils are deep, well drained to moderately well drained, moderately coarse textured to medium-textured soils. The 3 to 8 percent slopes are found on moraines. Native vegetation is white oak, red oak, and scarlet oak (Warner 1975: 73-74).

Bridgehampton soils consist of deep well drained to moderately well drained, medium-textured soils. The 2 to 6 percent slopes are found on the moraine near Montauk although a few small areas are on Shelter Island.

Beaches are made up of sandy, gravelly, or cobbly areas between water at mean sea level and dunes or escarpments Warner 1975: 62).

Elevations range from sea level to approximately 265 feet above mean sea level. Bluffs overlooking the beach are nearly vertical and range from about 3 feet high to approximately 30 feet high.

Hydrology

The project property is situated along the western portion of a peninsula or neck (of land) known locally as Wards Neck. Shelter Island Sound flows along the south portion of the study area, while West Neck Harbor flows along the western portion of the property before draining into the Sound.

Vegetation

The predominant forest community inhabiting the Coastal Plain in this vicinity (Cape Cod to the Carolinas) was the Northern Pine-Oak Forest. These forests are maintained largely by the effects of

frequent forest fires. Were it not for these fires which the pine species have adapted to, these forests would slowly change to Mesic, dominated by oak, hickory and red maple. Northern Pine-Oak forests occur on sandy or otherwise poor soils that are overly dry. They generally have lower species diversity than bottomland forests (Kricher 1988:16-17, 65-66). The reason the forest soils and surfaces are so dry in this moist region is due to the excessive drainage of overly sandy soils on the Coastal Plain.

Prior to the intensive utilization of the area by Euro-American populations, the primary vegetation cover in the general project area probably consisted of pitch pine, virginia pine, bear oak, blackjack oak, chinkapin oak, scarlet oak, post oak, black oak, and eastern red cedar. The understory was most likely of bearberry, huckleberry, inkberry, broom crowberry, lowbush blueberry, sheep laurel, and wild raisin (Kricher 1988:65; Little 1984:298, 397).

At the time of the Phase IB investigations the project area consisted mostly of a grass lawn. Two small bamboo stands were situated on the project area, one stand near the center of the property and the other at the eastern edge of the property. A small wooded area was situated along the northwest section of the property. High bluffs (about 30 foot high) bordered the west and south west edges of the parcel. Bluffs narrowed down to about a few feet or so at the southeast edge of the parcel.

PREHISTORIC POTENTIAL

New York can be divided up into three broad cultural groupings or time zones, briefly described as:

The Paleoindian Period, circa 10000 to 8000 B.C. These people lived in small, widely scattered bands, hunting large grazing mammals such as mammoth and barren ground caribou in a park-tundra habitat, large browsing mammals such as mastodon, caribou, woodland musk ox, moose elk, etc. in a boreal habitat, and any small game or plant food that could be gathered. They had a small inventory of chipped stone tools, with the fluted spear or javelin point as the principal item. They generally camped along large waterways.

The Archaic Period, circa 8000 to 1000 B.C. These peoples lived by hunting, fishing and gathering wild foods and shellfish in a habitat of mixed coniferous-deciduous forest. These people lived in both small inland camps near small streams or marshes and in large recurrently occupied fishing camps near large bodies of water. They lived in a more species rich environment and exploited it with a larger and more varied tool industry, including the atalatal, or spear thrower.

The Woodland Period, circa 1000 B.C. to 1600 A.D. These people also lived by hunting, fishing and wild food and shellfish gathering. In addition, they developed a system of horticulture based on corn, beans, and squash as the primary cultigens. They lived in both small camps, either temporary or recurrent, and much larger villages which were sometimes palisaded for protection. They made and used pottery, copper tools, smoking pipes, the bow and arrow, and in general, had a larger and more varied tool industry than the preceding cultures.

For more information, the reader is urged to consult Ritchie (1980) and Ritchie and Funk (1973).

A prehistoric site file search was conducted at the New York State Historic Preservation Office (NYSHPO). The search included a 2 mile radius around the project area. The following sites were recorded:

NYSM Sites	NYSHPO Sites	Site Description
4887		Arthur C. Parker (ACP) Suffolk 18: a burial site. This site may be possibly located on, or adjacent to, the project area. However, the exact position is not known.
488		ACP Site 19: Village.
7350		Fort Manhassett: a village and fort site. This site may also be possibly located on, or adjacent to, the project area. Its exact provenience is also not known.
5967		Smith site: This is a stratified village and burial containing Late Woodland and Transitional Period components.
7302		ACP site: camp.
7303		ACP site: shell midden.
		Fresh Pond Site: The same as below. Late Woodland village.
7349	A10307.000005	Fresh Pond site. This may have associated burials. Owners exhausted the site in the 1920's.
7351		Smith site: This is Late Archaic, Transitional shell midden and burials.
7350		no information, but this site appears to 'Encircle the Study Area and beyond'.

	A10352.0003	Shell midden on nearby creek: This is Middle Woodland, Late Woodland, with corn cob fragment, pestle, animal bones and shell remains.
	A10307.000004	Bittner site: This is a shell midden. This site appears to be located 'On, or Adjacent to, the project area'. Site is in bog-like area. May have been heavily pot hunted.

Assessing the known environmental and prehistoric data, we can summarize the following points:

-The study area is located on a peninsula along a bluff top. This location offers views across the Shelter Island Sound to North Haven and as far as Noyack beach and possibly the Paynes Creek Sites (Cammisa 1997). Views of West Neck Creek and surrounding land to the west can be had as well as views of Mashomack Preserve on the Shelter Island Sound. This area would have provided an easy transportation route via canoe to these and other areas and surrounding areas. Fishing and sea mammal hunting could have also been conducted here.

-Two sites are located within, or adjacent to, the study area.

-Numerous sites are located immediately around the study area.

In our opinion, the study area has a high potential for the recovery of prehistoric archaeological remains. The type of site encountered could range from village site to small procurement/processing or base camps sites. Any prehistoric period could be represented here.

HISTORIC POTENTIAL

Contact Period (Seventeenth Century)
At the time of European contact and settlement, the study area and surrounding territory were occupied by either the Manhassett or the Mashomuck. The Mashomuck were probably a branch of the Manhassett tribe (Stone nd:map; Stone-Levine 1980:161). A Contact Period burial and fort were located about 2 miles east of the study area (Stone nd:map). The Indian name for Shelter Island was "Manhanseek-ahaquash-wornock" meaning an island sheltered by islands (Thompson 1918:210).

Population estimates for original inhabitants of Shelter Island are limited. Estimates range from "a few to 100 families". Duvall (1952) mentions that the Manhassett tribe could summon 500 fighting men at this time. He is probably referring to all branches of the tribe. They lived in semi-permanent villages that were moved according to seasonal food procurement. By the end of the century, the Indians virtually disappeared from Shelter Island history (in Lightfoot 1985:65; Duvall 1952:9).

The first European to Shelter Island was James Farrett in 1638. He bargained with the Indians to buy it. He owned Shelter Island for three years and during that time the island was referred to as Mr. Farrett's Island. In 1641 he sold the island to Stephen Goodyear of New Haven. In 1651 Mr.Goodyear sold it to four merchants in the sugar industry in Barbados, Thomas Middleton, Thomas Rouse, Nataniel and Constant Sylvester. The Sylvesters were the only ones to live on the island (Duvall 1952:19-20). The island was called Sylvester's Island before it was named Shelter Island (Thompson 1918:213).

It might be noted that the Native Americans had no previous custom of selling land. They did, however, have a practice of loaning or renting use of their customarily occupied territory for periods of time. The distinction between selling and renting or loaning use of the land was probably blurred to the advantage of the newcomers as their population outstripped that of the original inhabitants. The migratory settlement patterns of the native Americans were also an advantageous to the colonists. The settlers were able to appropriate lands, usually the most fertile, during a season or year the natives camped elsewhere (Cammisa 1984:75).

Nathaniel Sylvester died in 1680 leaving his property to his sons, including Giles, Constant, Peter and Benjamin (Thompson 1918:217).

Eighteenth Century

Shelter Island was organized as a Town in 1730. Before 1730 the Town associated with Southold Town and Shelter Island's Town meetings (and records) were held in Southold (Thompson 1918: 218; Wood in Bailey 1949:172).

Giles Sylvester eventually acquired four-fifths of Shelter Island (Thompson 1918:217). When Giles died in 1706, one half of the island belonged to William Nicoll, George Havens owned 1000 acres near the center of the island and the remainder was owned by Brinley Sylvester. His portion included land north of a line from Deering Creek to Cockle's Harbor (Ross 1903:1029).

A large portion of land was open to subdivision after the Town of Shelter Island was organized (1730). Outside families moved into Shelter Island and the population doubled from about 100 to 200 by the end of the century (Wood in Bailey 1949:172; Ross 1903:1031).

A meeting house, cemetery and church were all constructed about 1742-43 (Thompson 1918:218).

A ferry was established around the middle of the century (Wood in Bailey 1949:177-78).

Large portions of Shelter Island's forests were denuded by the British navy and army for timber (Thompson 1918:221).

Nineteenth Century

The 1838 U.S. Coast Survey map shows Wards Point. A road (currently Route 114) leading from the ferry port, inland is depicted to the east. No structure are located on, or adjacent to, the study area (Figure 3).

The 1858 Chace map shows that Shelter Island is established as a town now. A house is shown just west of current Route 114. No structures are on, or adjacent to, the study area at this time (Figure 4).

The Nicoll family still owned their land on Shelter Island by 1865. The Sylvester portion was now supposed to be owned by Henry Dering who sold it to Lawrence V.B. Woodruff (Ross 1903:1031).

The 1888 U.S. Coast and Geodetic map shows a possible structure adjacent to the study area. It is located at the east edge of the study area (Figure 5).

The population of Shelter Island was supposed to be about 650 near the end of the century. The center of the island was more thickly settled than the remainder of the Town (Bayles 1962:396).

In 1892 Artemas Ward purchased the Martin Farm. By 1896 he purchased the Cartwright Farm giving him ownership of Ward's Neck. Artemas Ward had made a fortune in advertising and wished to pursue his interest/recreation in model farms and experimental agriculture. His farm encompassed 220 acres. The Manor house is on present day Shorewood Road. The estate contained a carriage house, water tower, Italian Gardens, a beach house and a large stone boathouse which is currently located on present day Pheasant Road, about 1 block west of the project area. The boathouse is now owned by the Shorewood Civic Association. The Ward Farm also included breeding facilities for pheasant, hogs, and other animals and a deer park. Mr. Ward was instrumental in developing the Island's economy year round and long term. He also organized yachting activities at his pier (Hefner nd; NYSOPRHP form).

The 1896 Hyde map shows Artemas Ward's house with the street (Shorewood Road) leading to his door. Artemas also owns another building off the study area to the north (Figure 6; NYSOPRHP form).

Twentieth Century

The 1906 Hyde map shows the Artemas Ward property/farm and his house. No other structures are shown at this time on the study area (Figure 7).

Artemas Ward died in 1925 leaving his estate to Harvard University and his son Artemas Ward Jr. The son died in 1946 (Hefner nd).

According to a New York Times article (August 12, 1990) the Garr family later owned the Ward Estate. In 1990, The (now) Garr Estate willed the entire 200 plus acre estate to the United Jewish Appeal Israel Emergency Fund. However, this was contested by a former live-in companion of Mrs. Garr, a Martin Gangel.

The New York State Historic Preservation Office had declared the estate eligible for the National Register of Historic Places (NY Times: August 12, 1990).

An historic site file search was conducted at the New York State Historic Preservation Office (NYSHPO). The search included a 2 mile radius around the study area. The following sites are recorded:

NYSM Sites	NYSHPO Sites	Site Description
	A10352.00004	Havens house site: This includes an 18th century foundation. Occupied 1733-1864.

	A10307.0384	Frank M. Smith Estate: This is pre-1906.
	A10307.000385	Great Central Mansion (Nicoll Havens Estate).
	A10307.000386	Site of Smith Farm.
	A10307.000387	Daniel Lord Shipyard and residence, ca. 1800.
	A10307.000720	Mareneck Dump Site 1: 19th to mid 20th century with sandstone foundation stones machine parts, glass bottle, etc.
	A10307.000721	Mareneck Dump Site 2: Mid 20th century with glass bottles, enamel tin water jug, shell, stoneware, etc.

Assessing the known environmental and historical data we can summarize the following points:

-The late 19th to early 20th century Artemas Ward estate, complete with residence and a variety of (above mentioned) structures are situated on the project parcel. The entire estate has been found eligible for the National Register of Historic Places.

In our opinion, the study area therefore has a high potential for the recovery of historic archaeological remains. The type of archaeological site encountered would likely be related to the late 19th to early 20th century Artemas Ward estate.

FIELD METHODS

Walkover

Exposed ground surfaces were walked over at about 3 to 5 meter width transects to observe for artifacts. Covered ground terrain was also reconnoitered but at about 15 meter intervals for any above ground features, such as berms, depressions, or rock configurations which might be evidence for a prehistoric or historic site. Photographs were taken of the project area, including topographic, environmental and architectural detail and general work in progress.

Shovel Testing

Shovel test pits were excavated at about 15 meter intervals, or less, across the project property. Each shovel test pit measured about 30 cm. in diameter and was dug into the underlying subsoil (B horizon) 10 to 20 cm. or more when possible.

All soils were screened through 1/4 inch wire mesh and observed for artifacts. Shovel test pits were flagged in the field. All shovel test pits were mapped on the project area map at this time.

Steep slopes (more than 30 degree angle) and the beach were excluded from shovel testing.

Soil stratigraphy was recorded according to texture and color. Soil color was matched against the Munsell color chart for soils. Notes were transcribed on pre-printed field forms and in a note book. Pre-printed field forms were completed for shovel test pits.

FIELD RESULTS

Field testing of the H.O.C. Investments, L.L.C. property included the excavation of 211 shovel test pits.

The beaches were walked over in an attempt to located artifacts on the surface. The steep eroded bluffs were visually assessed as best as possible from the beach. The rest of the project property was shovel tested and reconnoitered.

A prehistoric site was encountered. Eighteen "positive" shovel test pits (STP's) were recorded and 5 surface finds (SF's). Numerous historic standing structures were encountered. The standing structures were apparently constructed by Artemas Ward between the late 19th century and the early 20th century (see Historic Potential and appendix 5).

Stratigraphy

Stratigraphy on the project area included the following:

-O horizon - 2 to 5 cm. thick of root mat, leaf litter, and humus. For the most part this consisted of a grass lawn. Exceptions to this were a small wooded area in the northwest corner of the property, a small bamboo woods near the center of the property, and another bamboo stand at the east edge of the property.

-Ap horizon - 10 to 31 cm. thick of 10YR4/4 dark yellow brown with some 10YR4/3 brown loamy sand. The loam content was rather high (not far from a sandy loam). This horizon appeared to have an "old" (100 years or so?) plow scar. The plow scar appeared rather faint in most places but still sharp enough for the designation, although other areas less sharp. Virtually all of the artifacts recovered were from this stratum.

-B horizon - 10 to 14 cm. dug into of 10YR5/6 with some 10YR5/8 yellow brown loamy sand.

Terrain was fairly level, with the highest spot on the property situated where the 3-story residence was built on Lot 4. The terrain tended to slope downward from this house. Most artifacts were recovered from Lot 4 within approximately 300 feet or less of the bluffs overlooking the beach and water below. However, SF 5 (FCR) was located on the beach during a walkover/recon. This may have eroded out from the bluff top or have been from a hearth on the beach itself.

Radial STP's

Additional, radial STP's were conducted around STP 104 and SF 2. The artifacts encountered from these places were both located on Lot 5 approximately 300 or more feet north of the rest of the prehistoric site on Lot 4. It was thought that STP 104 and SF 5 were isolated events associated with the rest of the site. Radial shovel testing was conducted around STP 104 and SF 5 at about 3 meter intervals in the 4 cardinal directions around each. No other artifacts were recovered indicating that these were indeed isolated finds associated with the rest of the site.

Twenty five foot STP intervals were conducted immediately around the 2 story house (carriage house) on Lot 3. No features were encountered. (Additional STP's at the 25 foot interval around the 3 story residence on Lot 4 were not completed at this time. They are recommended in conjunction with any Phase II work on the prehistoric site).

Features

All the below mentioned features were encountered on Lot 4, except the carriage house which was Lot 3 (see Figure 2):

-The Artemas Ward Residence (listed as 3-story residence on survey) (see appendix 5, Plates 1, 2, & 3, Figure 2).

-The Carriage House (listed as 2-story residence on survey)(see appendix 5, Plates 4 & 5, Figure 2).

-The concrete Water Tower (see appendix 5, Plate 9, Figure 2).

-The Garden Parterre (actually no gardens remain) consisting of concrete walls with pools (see appendix 5, Plate 8, Figure 2).

-The Bath House (listed as cottage on survey) (see appendix 5, Plate 6, Figure 2).

-Shed (listed as a garage on the survey) (see Plate 14, Figure 2).

-Concrete stairway (collapsed) situated from Lot 4 near the residence and leading down the bluff to the beach (see Plate 12, Figure 2).

-Concrete retaining walls along part of the bluff toe. The beach is also rip-rapped with concrete slabs (Figure 2).

-Concrete pilings along part of the beach in the vicinity of the stairway (appendix 5, Plate 13, Figure 2).

-Two brick wells. The well near the tower was only a few feet deep and the floor was of concrete. A metal water pipe was evident inside it. The other well was located near the potting shed and appeared partially collapsed (see appendix 5, Plates 10 & 11, Figure 2)

-One concrete semi-subterraneum structure. This is the Potting Shed mentioned behind the gardens (see appendix 5, Plate 7, Figure 2).

-One concrete covered hole (possible septic?) (see Figure 2, Plate 10).

-Tennis court of recent 20th century origin (actually situated east-west length way and slightly north of the position on the survey) (Figure 2).

LABORATORY METHODS

Processing

The artifacts recovered and retained during the Phase I field work were transferred to TRACKER-Archaeology Services' laboratory in North Babylon, New York. The artifacts were washed in room temperature tap water. The drying procedure consisted of slow air drying. After cleaning, the artifacts were rebagged.

Inventory numbers, based on the Harris matrix System for recording stratigraphy, were assigned to each artifact. The inventory codes are as follows: unprovenienced surface finds are 1000, provenienced surface finds are 2000, shovel test pits are 3000, trenches are 4000, excavation units are 5000, and excavated features are 6000. The first four digit numeric base code can be divided into two parts - the first digit indicating the type of field technique used (see above) while the last three digits indicate the specific stratum in which the artifacts were found. For example: 3001-02 = shovel test pit #1, level 2.

The archaeological remains were also identified utilizing an altered version of the National Park Service Material Culture Data Base Taxonomy. Artifacts were indexed according to "function" and minimally included: functional group, class, morphology, and material. A fuller explanation to the codes are supplied in appendix 3.

LABORATORY RESULTS

Phase IB field work resulted in the recovery of 56 prehistoric artifacts. They are briefly described below:

Debitage
This category included 46 items

Fire Cracked Rock (FCR)
This category included 10 items.

Material
Quartz: 51 artifacts
Quartzite: 4 artifacts, all FCR
Hematite: 1 artifact, an FCR.

All can be found locally on the island. They are not traded in material.

CONCLUSIONS AND RECOMMENDATIONS

The purpose of the Phase IA documentary study is to determine archaeological potential of the study area. The purpose of the Phase IB survey is to provide actual evidence for the presence or absence of archaeological remains.

The archaeological documentary study determined that the property had a high potential for the recovery of prehistoric and historic archaeological sites.

A prehistoric site was encountered. Preliminary site boundaries indicate that the site is situated along the bluff top within approximately 300 or less of the bluff edge on Lot 4. Isolated finds are situated further north near Apple Orchard Lane on Lot 5.

If any construction or ground breaking activities are planned for now, or in the future, and the site's information endangered, Phase II intensive testing of any discovered archaeological site is then specified by the regulations of the New York State Historic Preservation Office and the National Advisory Council on Historic Preservation. Phase II investigation methods should interpret the site and determine if the site is eligible for the nomination to State or National Register of Historic Places. Phase II investigations would supply information needed to make this determination and would include:

1)Site integrity, including the depth and extent of undisturbed soil horizons and the presence or absence of cultural features, and the degree of natural and/or human disturbance to those features.
2)Cultural components/affiliation and time range present.
3)Vertical and horizontal distribution of archaeological remains (spatial boundaries and stratigraphic levels).
4)Site interpretation, including any uniqueness/significance, in a local or regional context, must be demonstrated.

No archaeological remains were encountered on Lots 1, 2, and 6. Isolated prehistoric finds were encountered on Lot 5. The 2 story house (carriage house) is situated on Lot 3. No other artifacts or archaeological features were encountered on Lots 1, 2, 3, 5, and 6. Therefore, no further archaeological work is recommended for Lots 1, 2, 3, 5, and 6.

In summary, Lot 4 contains a prehistoric site (and the remainder of historic structures). Lot 4 is recommended to be subjected to a Phase II intensive testing if the site's information is endangered. The Phase II work should include additional shovel testing to

determine both site density and "tighten" site borders. Additional shovel testing should also be conducted around the historic 3 story residence at this time to further search for any historic archaeological features relating to the Ward family. Excavation units should also be conducted as part of the Phase II intensive testing.

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United States Coast Survey
1838 *Map of Shelter Island.* United States Coast Survey.

United States Geologic Survey
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APPENDIX 1

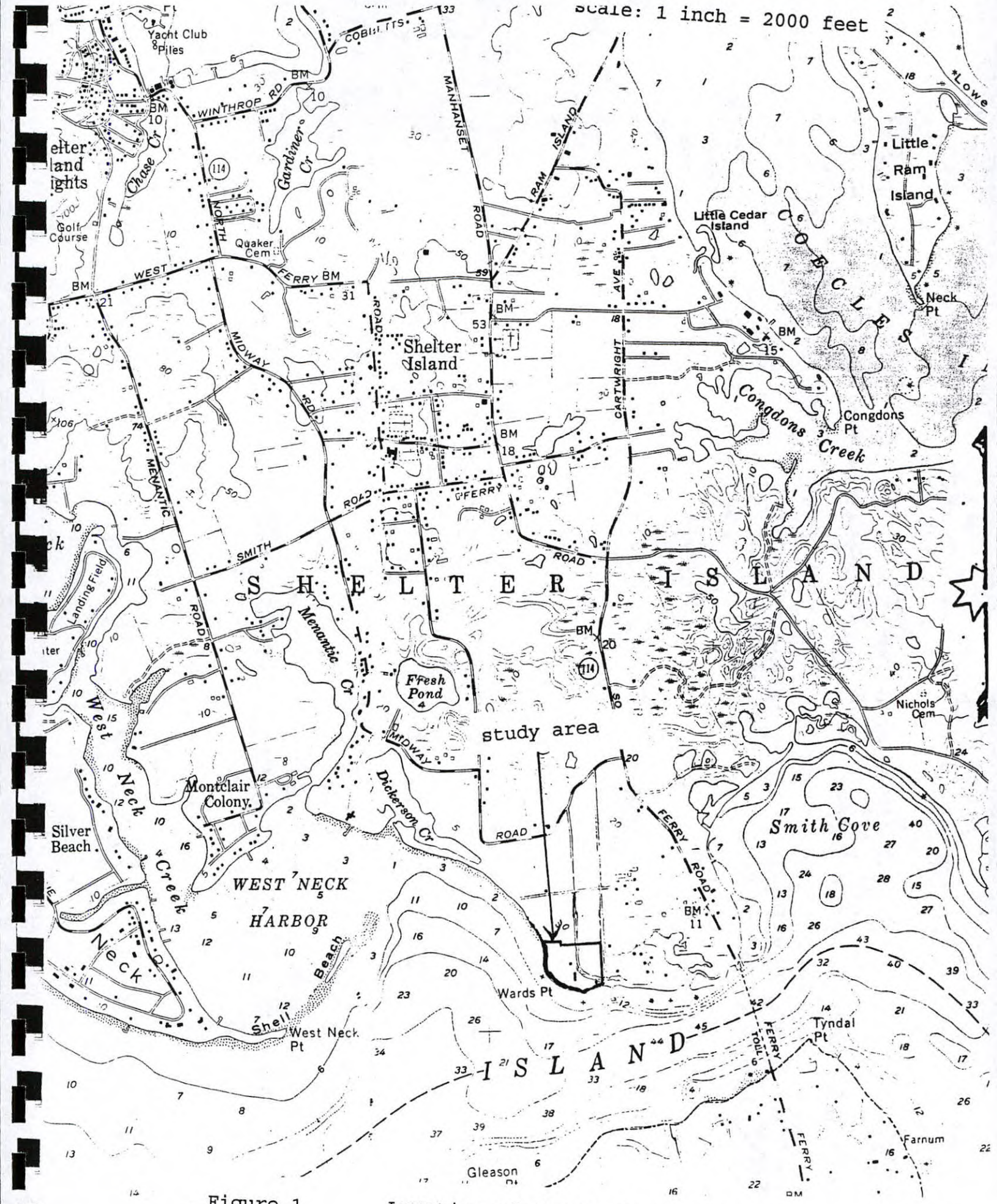


Figure 1

Location of the study area shown on a portion of the U.S.G.S. 7.5 minute series, Greenport, New York quadrangle map

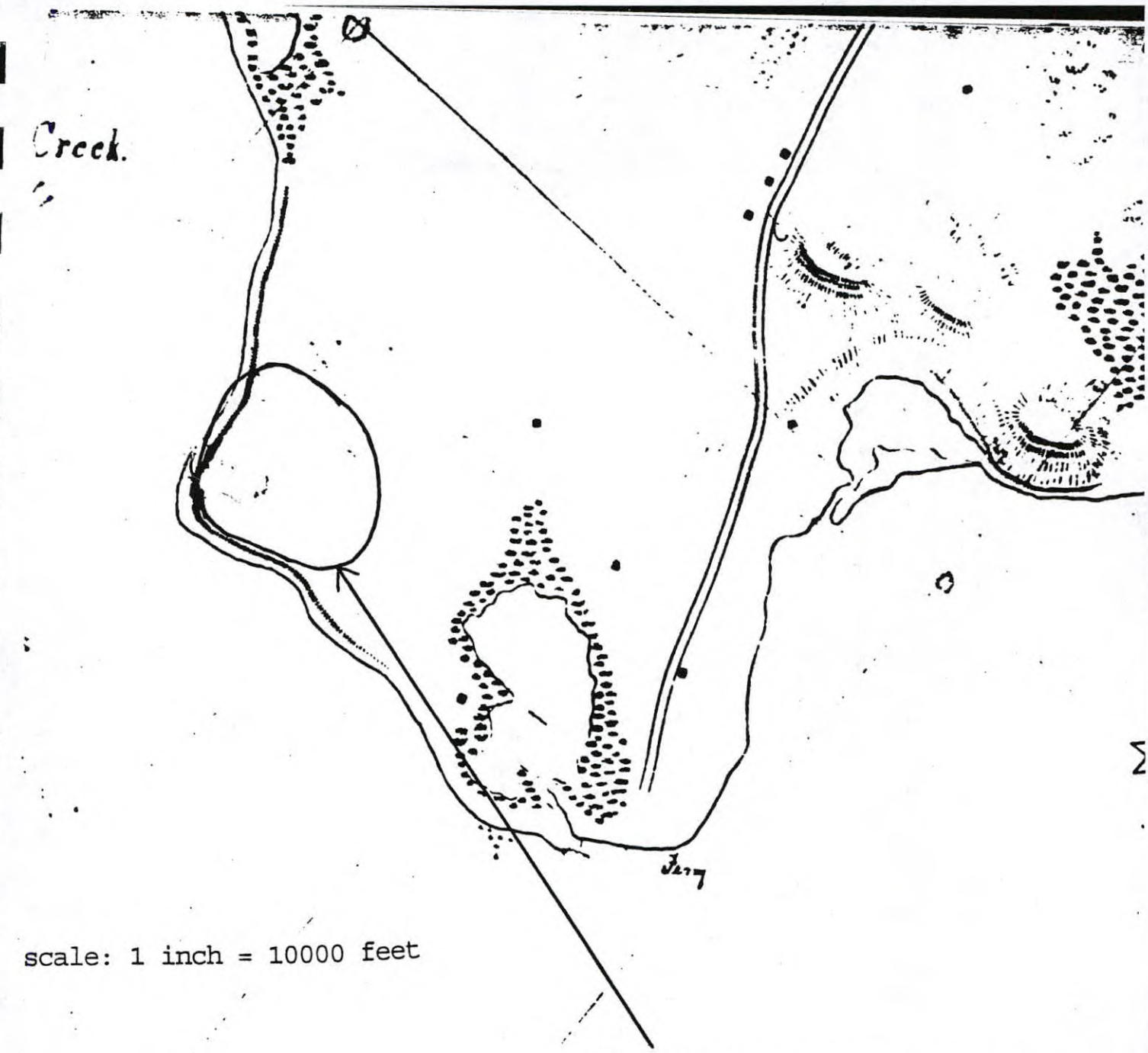


Figure 3 Portion of the 1838 U.S. Coast Survey map

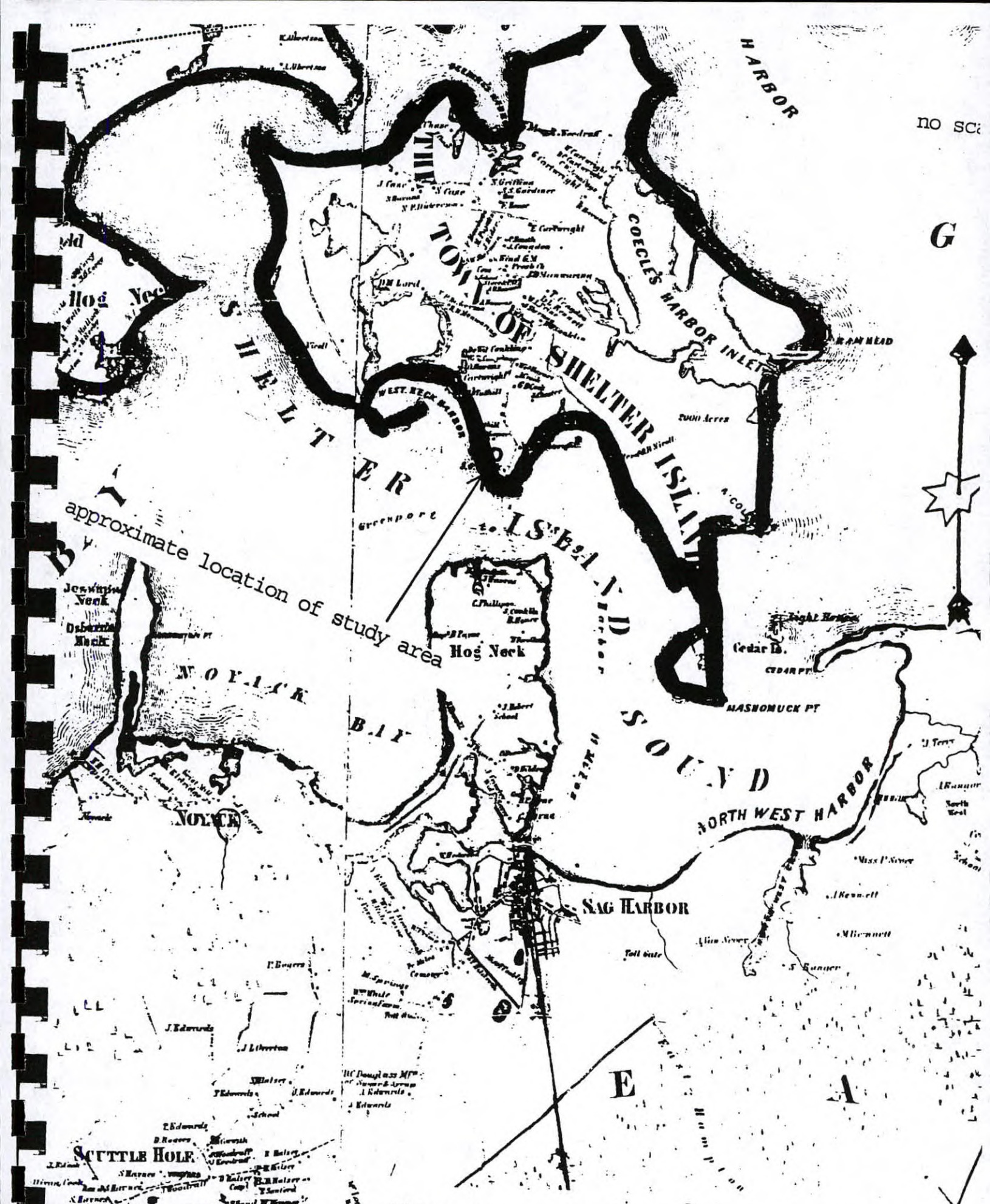


Figure 4 Portion of the 1858 Chace map

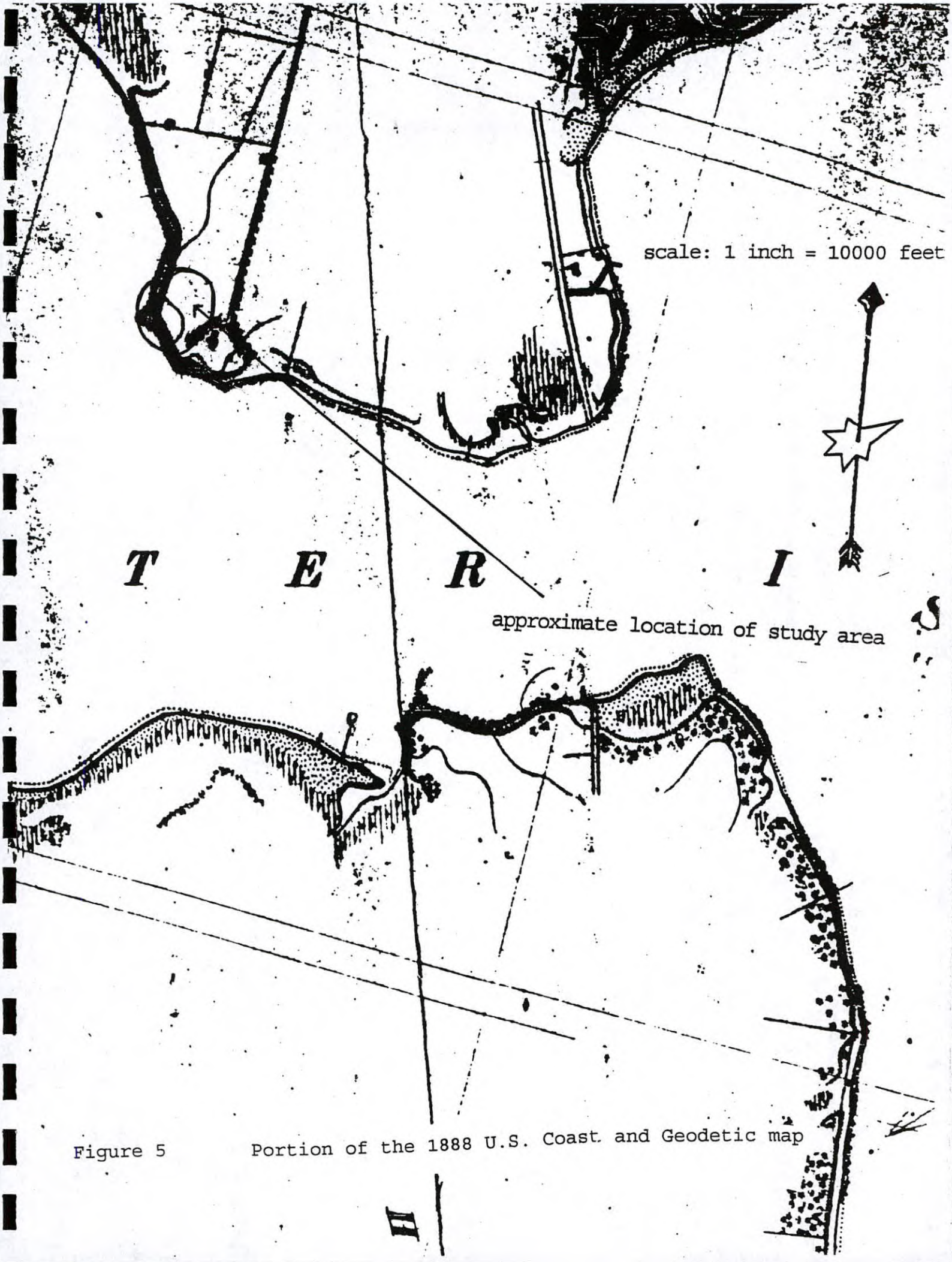


Figure 5 Portion of the 1888 U.S. Coast and Geodetic map

Figure 7 Portion of the 1906 Hyde map

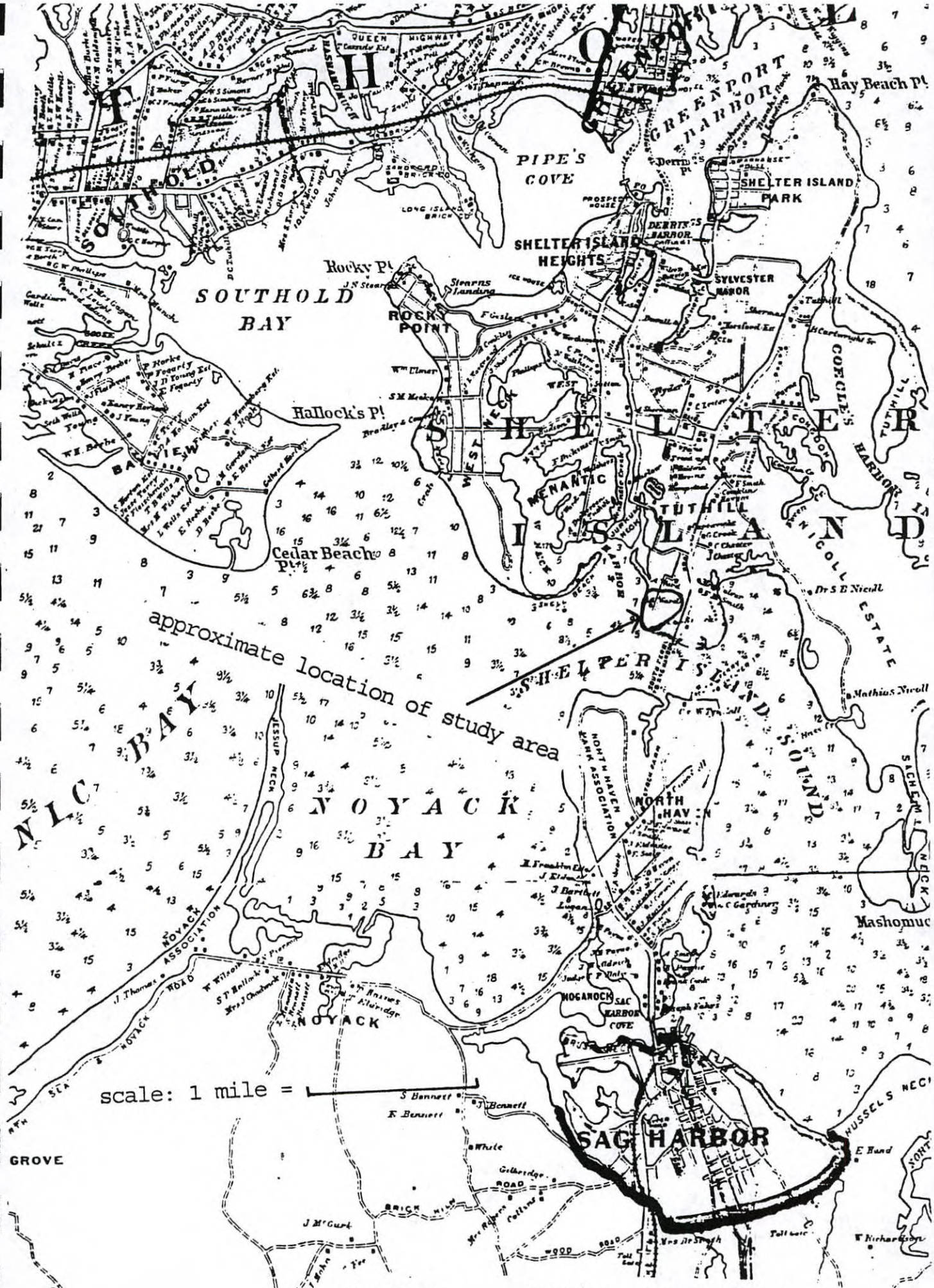


Figure 6 Portion of the 1896 Hyde map

Plate 1 Looking west at the front of the 3 story residence from driveway.

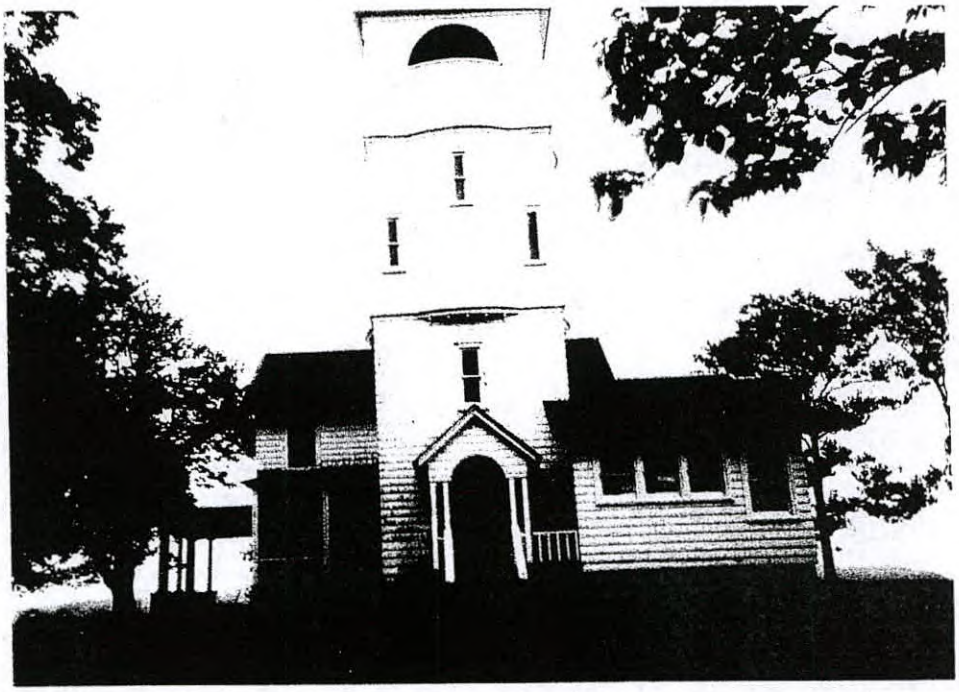


Plate 2 Looking south at the 3 story residence from shed.

Plate 3 Looking east at back of 3 story residence.

Plate 4 Looking west at front of 2 story house (carriage house) on Lot 3 from driveway

Plate 5 Looking east at back of 2 story house (carriage house) on Lot 3.

Plate 6 Looking west at cottage (bath house) on shore.

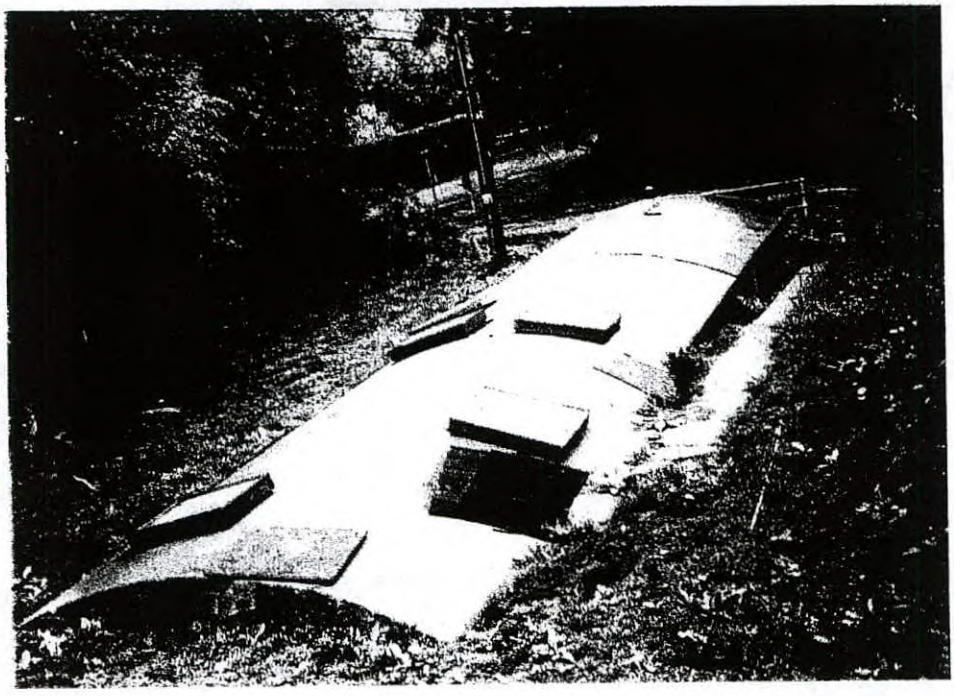


Plate 7 Looking down and east at rear of semi-subterraneum shelter (potting shed).

Plate 8 Looking south from top of concrete wall at garden parterre.

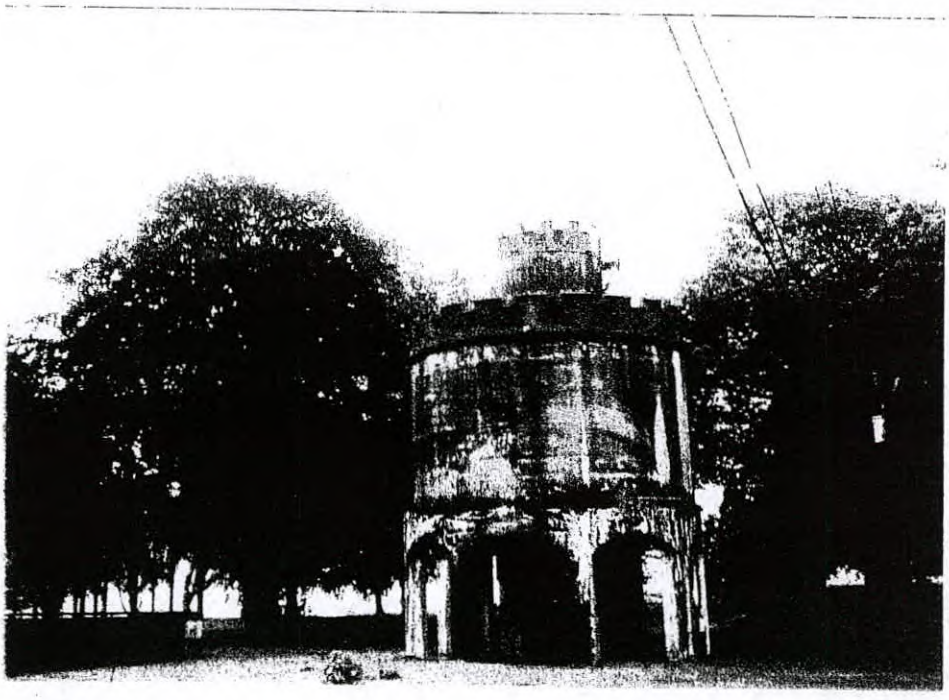


Plate 9 Looking south at tower from driveway.

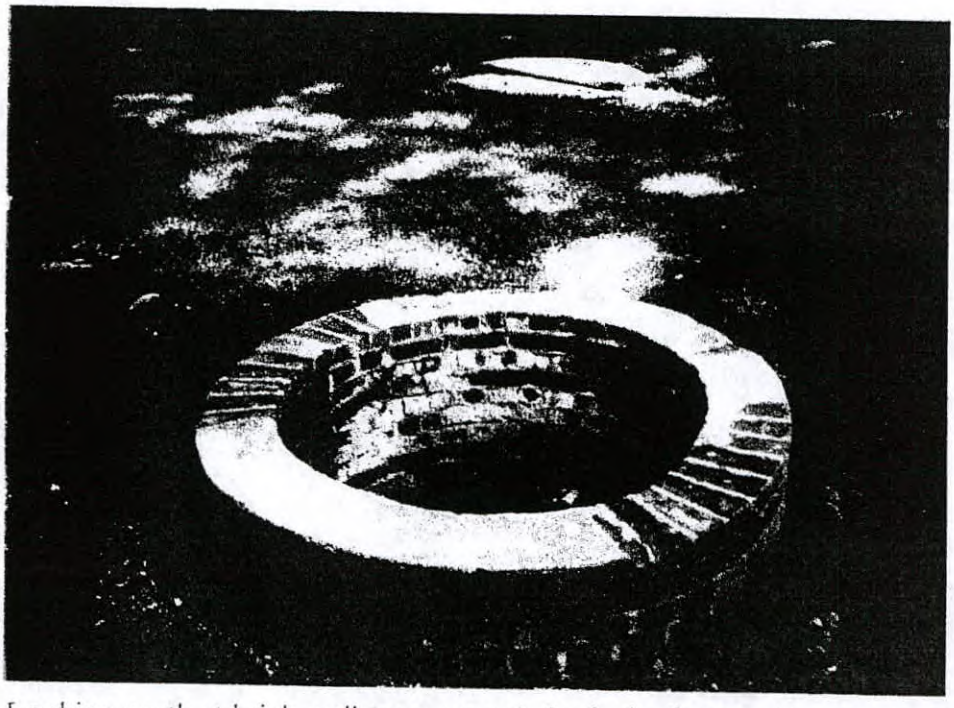


Plate 10 Looking north at brick well (near tower). In the background is a concrete cover for possible septic.

Plate 11 Looking down at caved in brick well hole (near potting shed)

Plate 12 Looking north at collapsed concrete stairway from beach.

Plate 13 Looking east at concrete pilings leading to concrete stairway.

Plate 14 Looking south at shed from 2 story house (carriage house).

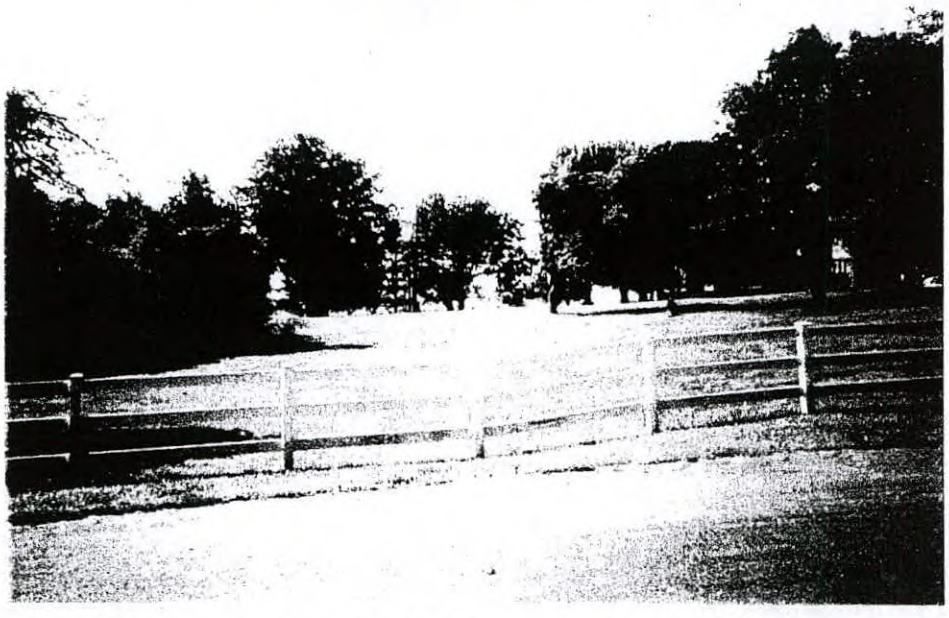


Plate 15 Looking south from Apple Orchard Lane at project area (Lots 5 and 6). Shelter Island Sound can be seen in background.

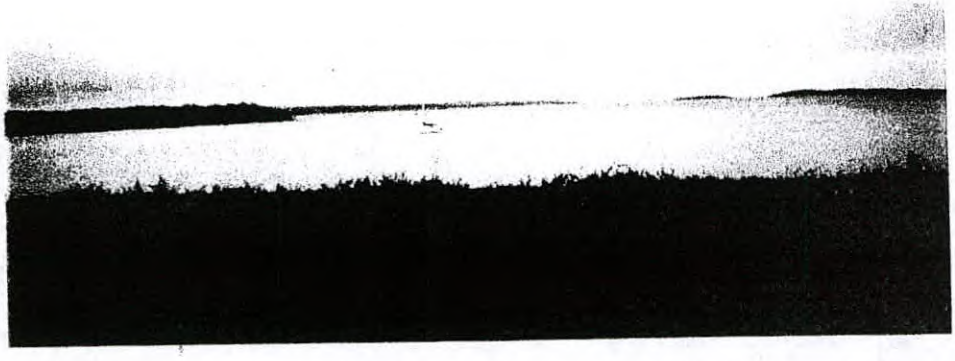


Plate 16 Looking south at Novack Beach in background and Shelter Island Sound in foreground.

APPENDIX 2

TEST PIT PROFILE FORM

N NE
CNW CNB
C E
CSW CSB
S SE

Project Name: HOC
Phase: Ib Date: 8-1-00
Site Name:
Excavators:

J.T.P.
Block: Unit Size:
Transect: Compass Heading:
Array: Interval:

KEY:
STERILE
HISTORIC H
PREHISTORIC P

SOIL KEYS:

TIGRAPHY
Duff AO
Podzol AE
A Horizon A/A2
Plowzone Ap
B Horizon B/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP1	STP2	STP3	STP4	STP5	STP6
0	0 root mat	0 root mat	0 root mat	Sod root mat	0 Sod root mat	0 root mat
5	LS 10YR A 4/4	A 10YR LS 4/4	A 10YR LS 4/4	A 10YR LS 4/3	A 10YR LS 4/3	A LS
34	LS 10YR B 5/6	B 10YR LS 5/6	B 10YR LS 5/6	B 10YR 5/6	B 10YR 5/6	B LS
44		gravel		some gravel throughout		
	red cedar, bryars, vines, NCM	Clear area, tree dumping, vines Cedars NCM	on clear area, edge of woods Cedar, pines NCM	on clearing NCM	NCM on clearing	NCM

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC
Phase: Ib Date: 8-1-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE
HISTORIC H
PREHISTORIC P

SOIL KEYS:

ATIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP7	STP8	STP9	STP10	STP11	STP12
0	O root mat	O root mat	O root mat	O root mat	O root mat	O root sod mat
3	A LS loyR 4/3	A LS loyR 4/3	A LS loyR 4/3	A LS loyR	A LS loyR 4/3	A LS loyR 4/3
15	B LS loyR 5/6	B LS loyR 5/6	B LS loyR 5/6	B LS loyR 5/6	B LS loyR 5/6	B LS loyR 5/6
25	soils wet from constant raining	////	wet soils			
	stripped, area has been cleared NCM	~~[illegible]~~ clear area NCM	NCM on clear area close to shore western section	on clearing NCM	on clearing NCM	clear area NCM

TEST PIT PROFILE FOR PAGE

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC
Phase: Fb Date: 8-1-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval: 50'

KEY:
STERILE
HISTORIC H
PREHISTORIC P

SOIL KEYS:

ATIGRAPHY
Duff AD
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP13	STP14	STP15	STP16	STP17	STP18
0	O sod root mat	O root sod mat	root mat	O root mat	O sod root mat	O root mat
3	A 10YR 4/3 LS	A LS 10YR 4/3	A 10YR LS 4/3	A 10YR LS 4/3	A 10YR LS 4/3	A 10YR LS 4/3
30	Impeded by rocks	B LS 10YR 5/6	B 10YR LS 5/6	B 10YR LS 5/6	B 10YR LS 5/6	B 10YR LS 5/6
	Ncm on clear area	on clear Area, Ncm	Ncm on clearing	Ncm on clearing	on clearing Ncm	on clearing Ncm

W	N	NE
☐CNW		☐CNE
W	☐C	E☐
☐CSW		☐CSE
	S	SE

Project Name: Hoc

J.T.P.

Phase: Ib Date: 8-1-00

Block:

Unit Size:

Site Name:

Transect:

Compass Heading:

Excavators:

Array:

Interval: 50'

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

SOIL KEYS:

STRATIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 19	STP 20	STP 21	STP 22	STP 23	STP 24
0	sod root mat	root mat	0 root mat	0 root mat	0 root mat	0 root mat
4	A LS 10YR 4/4	A 10YR 4/3	A LS 10YR 4/3	Ap 10YR 4/3	Ap 10YR 4/4	A 10YR
30	B LS 10YR 5/6	B 10YR 5/6	Impeded by roots	B 10YR 5/6	B 10YR 5/6	B 10YR
40						coal discarded
	on clearing Nem	soils becoming loamier Nem on clearing	Nem on clearing	Nem on clearing visible plow scar	on clearing Nem	on clearing near shore Nem

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HoC
J.T.P.:
Phase: Ib
Date: 8-1-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval: 50'

KEY:
STERILE
HISTORIC H
REHISTORIC P

SOIL KEYS:

STRATIGRAPHY	
Duff	AO
Podzol	AE
A Horizon	A1/A2
Plowzone	Ap
B Horizon	B1/B2
Feature	FEA
C Horizon	C
Fill	FL
Organic	O
Other	OT
Wet	WET
Water	H2O
TEXTURE	
Clay	CL
Silt	SLT
Greasy	GSY
Sand	SD
Gravel	GR
Rock	RK
Coarse	C
Medium	M
Fine	F
Very	V
COLOR	
Black	BK
Brown	BN
Red	RD
Yellow	YW
Grey	GY
Mottled	MOT
Olive	OL
Dark	DK
Light	LT
Strong	STG
Roots	RT
Disturbed	DIST

	STP 25	STP 26	STP 27	STP 28	STP 29	STP 30
0	sod root mat	0 root mat	0 root mat	0 root mat	0 root sod mat	0 sod root mat
3	Ap 10YR 4/4	4 Ap 10YR 4/4	3 A 10YR 4/4	3 A 10YR 4/4	3 A 10YR 4/3	4 Ap 10YR 4/3
26	B 10YR 5/6	27 B 10YR 5/6	12 B 10YR 5/6	19 B 10YR 5/6	18 B 10YR 5/6	26 B 10YR 5/6
36		38 / / //	22	29	18 Impeded by 100 year old roots from oak tree.	37 / //
	Near bluff Nem	Nem on clearing	Stripped	Nem on clearing	Nem	Nem

[illegible]EST[illegible]T P[illegible]OFI[illegible] FO[illegible]

PAGE ___ OF ___

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HoC
J.T.P.
Phase: Ib
Date: 8-1-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval: 50'

KEY:
STERILE
HISTORIC H
HISTORIC P

OIL KEYS:

GRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

EXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 31	STP 32	STP 33	STP 34	STP 35	STP 36
0	sod root mat	sod root mat	0 sod root mat	0 sod root mat	0 sod	root mat
3	A 10YR 4/4	A 10YR 4/4	A 10YR 4/4	A 10YR 4/4	A 10YR 4/4	AP 10YR 4/4
20	Impeded by roots	B 10YR 5/6	B 10YR 5/6	B 10YR 5/6	B 10YR 5/6	B 10YR 5/6
25						
27						
35						
36						
37						
38						
45						
	landscaped area Nem	near driveway landscaped Nem	landscaped Nem	Nem landscaped area.	landscaped Nem	bermed up Nem

[redacted]EST[redacted]T [redacted]OFI[redacted]FO[redacted] PA[redacted]

N NE
☐CNW ☐CNE
☐C E☐
☐CSW ☐CSE
S SE

Project Name: HoC
Phase: Ib Date: 8-1-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

SOIL KEYS:

TIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP37	STP38	STP39	STP40	STP41	STP42
0	root mat	0 root mat	0 root mat	0 root mat	0 root mat sod	0 root mat sod
3	A 10YR 4/4	A 10YR 4/4	A 10YR 4/4	A 10YR SL 4/4	Ap 10YR SL 4/4	Ap 10YR SL 4/4
24	B 10YR 5/6	B 10YR 5/4	B 10YR 5/4	B 10YR SL 5/4	1 10YR SL 5/4	B 10YR 5/4
34						
	next to hedges Nem	next to hedge Nem	near hedges	next to bluff	Landscaped Nem near bluff	Nem landscaped

TEST PIT PROFILE FORM

PAGE ____ OF ____

N | NE | CNW | CNE | C | E | CSW | CSE | S | SE

Project Name: HoC
J.T.P.:
Phase: Ib
Date: 8-1-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval: 50'

KEY:
STERILE
HISTORIC H
EHISTORIC P

OIL KEYS:

IGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP43	STP44	STP45	STP46	STP47	STP48
0	0 sod root mat	0 root mat sod	0 sod	0 sod root mat	0 sod root mat	asphalt driveway
4	A 10YR 4/4	A 10YR 4/4	A 10YR 4/4 & 10YR 4/2	A 10YR 4/4	A 10Y 4/4	not excavated
26	B 10YR 5/6	B 10YR 5/6	asphalt	B 10YR 5/6	B 10YR 5/6	
36						
	landscaped Nem	Nem Landscaped area.	Filling episodes near 2 story house	In front of 2 story house Nem	Nem Landscaped near driveway	

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC J.T.P. ___

Phase: Ib Date: 8-1-00 Block: ___ Unit Size: ___

Site Name: ___ Transect: ___ Compass Heading: ___

Excavators: ___ Array: ___ Interval: ___

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

SOIL KEYS:

GRAPHY
Duff AO
Podzol AE
A Horizon A/A2
Plowzone Ap
B Horizon B/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP49	STP50	STP51	STP52	STP53	STP54
0	Sod	Sod root mat	Sod	Sod	Sod root mat	Sod root mat
	A 10YR 4/4 SL	A 10YR 4/4 mottled w/ 4/2	A 10YR 4/4 SL	A 10YR 4/4 SL	A 10YR 4/3 SL	A 10YR 4/4 SL
	B 10YR 5/6 SL	B 10YR 5/6	B 10YR 5/6 SL	B 10YR 5/6 SL	B 10YR 5/6 SL	B SL 10YR5/6
	Landscaped NCM	Near shed Northwest Corner of shed NCM	Landscaped NCM	Landscaped NCM	Landscaped NCM	Landscaped NCM

Impeded by roots

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
CNW CNE
C E
CSW CSB
S SE

Project Name: HOC J.T.P. ___

Phase: Ib Date: 8-1-02 Block: ___ Unit Size: ___

Site Name: ___ Transect: ___ Compass Heading: ___

Excavators: ___ Array: ___ Interval: 50

KEY:
STERILE ☐
HISTORIC H
PREHISTORIC P

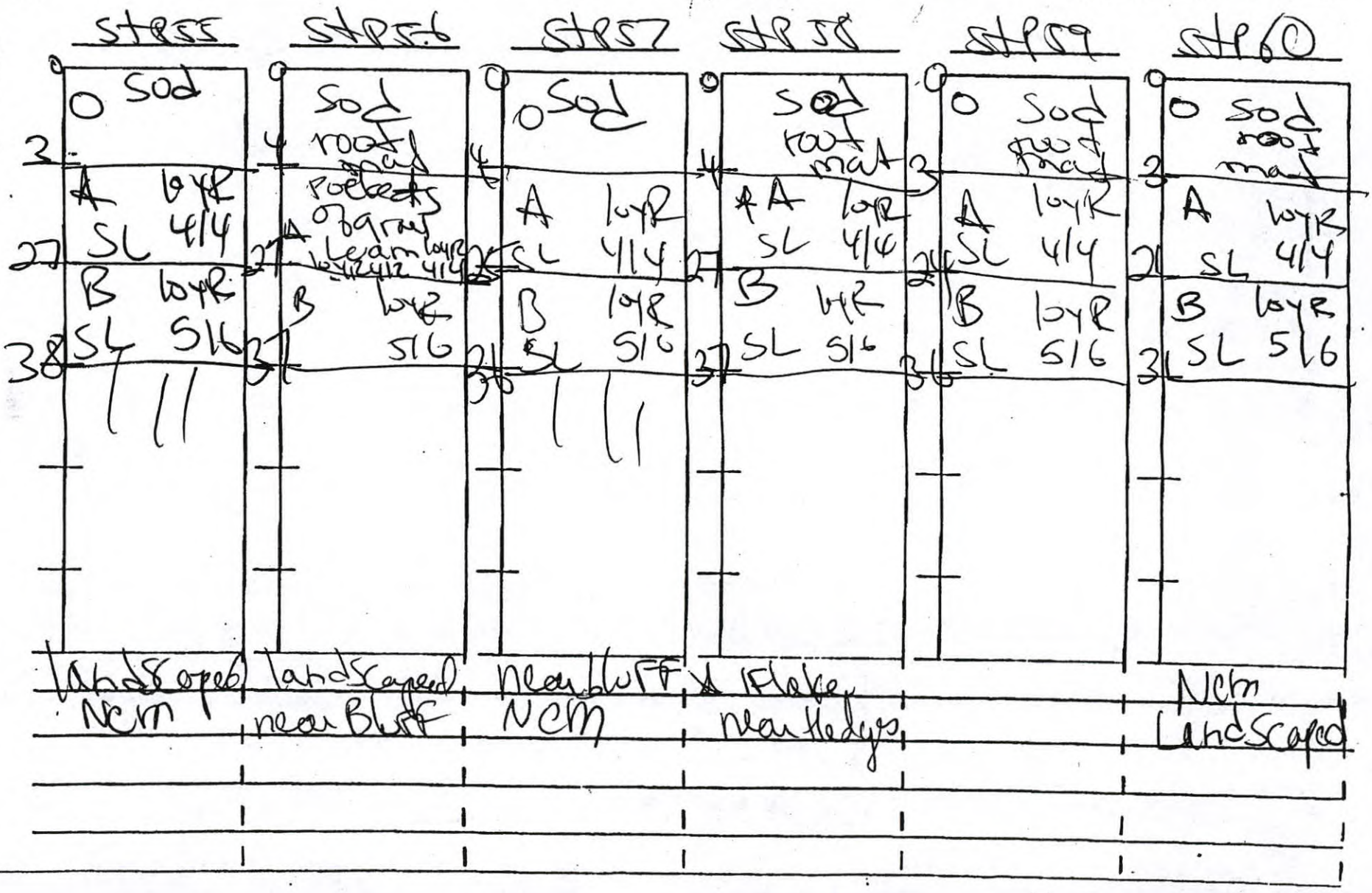
SOIL KEYS:

TIGRAPHY
Duff AO
Podzol AE
A Horizon AUA2
Plowzone Ap
B Horizon BUB2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST



TEST PIT PROFILE FORM

PAGE ____ OF ____

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: [illegible] Hoc
J.T.P. ____
Phase: Ib
Date: 8-1-00
Block: ____
Unit Size: ____
Site Name: ____
Transect: ____
Compass Heading: ____
Excavators: ____
Array: ____
Interval: 50'

KEY:
STERILE
HISTORIC H
REHISTORIC P

SOIL KEYS:

HIGRAPHY	
Duff	AO
Podzol	AE
A Horizon	A1/A2
Plowzone	Ap
B Horizon	B1/B2
Feature	FEA
C Horizon	C
Fill	FL
Organic	O
Other	OT
Wet	WET
Water	H2O
TEXTURE	
Clay	CL
Silt	SLT
Greasy	GSY
Sand	SD
Gravel	GR
Rock	RK
Coarse	C
Medium	M
Fine	F
Very	V
COLOR	
Black	BK
Brown	BN
Red	RD
Yellow	YW
Grey	GY
Mottled	MOT
Olive	OL
Dark	DK
Light	LT
Strong	STG
Roots	RT
Disturbed	DIST

	STP61	STP62	STP63	STP64		
0	Sod	Sod	Sod	Sod		
4	root mat	root mat	root mat			
22	A 10YR SL 4/4	A 10YR SL 4/4	A 10YR SL 4/4	A 10YR SL 4/4		
33	B 10YR SL 5/6	B 10YR SL 5/6	B 10YR SL 5/6	B 10YR SL 5/6		
	Landscaped	Landscaped	Landscaped	Nem		
	Nem	near Hedge	Nem	Landscaped		

W N NE
☐CNW ☐CNE
IW ☐C E☐
☐CSW ☐CSE
W S SE

Project Name: Hoc
Phase: Ib Date: 8-8-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

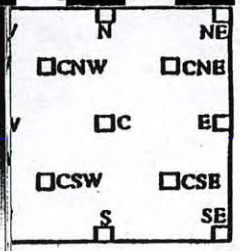
SOIL KEYS:

STRATIGRAPHY
Duff AD
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
STG

	Stp 65	Stp 66	Stp 67	Stp 68	Stp 69	Stp 70
0	O root mat sod	O sod root mat	O sod root mat	O sod root mat	O root mat sod	O sod root mat
4	AB LS 10YR 4/4	Ap 10YR LS 4/4	Ap LS 10YR 4/4	Ap 10YR LS 4/4	Ap 10YR 4/4	Ap 10YR LS 4/4
24	B 10YR 5/6 LS	B 10YR LS 5/6	B 10YR 5/6 LS	B 10YR 5/6	B 10YR 5/6	B 10YR LS 5/6
35	Impeded by roots				bottom of small swale	
		behind			Lv 2	
	On Landscape area	Near 3 story structure	Landscaped area	NCM	3 Flakes, 2 FCR?	Nem
	NCM	Nem		X piece of slate - discarded	1 unidentifiable	



Project Name: HOC

Phase: Jb Date: 8-8-02

Site Name:

Excavators:

J.T.P.

Block:

Unit Size:

Transect:

Compass Heading:

Array:

Interval:

KEY:

STERILE ☐

HISTORIC [H]

PREHISTORIC [P]

SOIL KEYS:

STRATIGRAPHY

Duff	AO
Podzol	AE
A Horizon	AVA2
Plowzone	Ap
B Horizon	BVB2
Feature	FEA
C Horizon	C
Fill	FL
Organic	O
Other	OT
Wet	WET
Water	H2O

TEXTURE

Clay	CL
Silt	SLT
Greasy	GSY
Sand	SD
Gravel	GR
Rock	RK
Coarse	C
Medium	M
Fine	F
Very	V

COLOR

Black	BK
Brown	BN
Red	RD
Yellow	YW
Grey	GY
Mottled	MOT
Olive	OL
Dark	DK
Light	LT
Strong	STG
Roots	RT
Disturbed	DIST

STP 71	STP 72	STP 73	STP 74	STP 75	STP 76
0 root mat sod	0 root mat sod	0 sod root mat	0 root mat sod	0 root mat sod	0 root mat
3 Ap 10YR 4/4	3 Ap 10YR 4/4	3 Ap	3 Ap 10YR	3 Ap LS	3 Ap LS
20 LS	20 LS	20 LS	28 LS 4/4	26 * 10YR 4/4	28 10YR 4/4
30 B 10YR 5/6	30 B 10YR	30 B	38 B 10R	38 B 10YR	B LS
40 LS	40 LS 5/6	40	LS 5/6	LS 5/6	38 LS 10YR 5/6
Nem	Nem	Nem	Nem	Lv. Flake	Nem
	Landscaped		Landscaped	Landscaped	
				Slight	
				depression	

[redacted]

N	NE
☐CNW	☐CNE
☐C	E☐
☐CSW	☐CSE
S	SE

Project Name: Hoc

J.T.P.

Phase: 7b Date: 8-8-00

Block:

Unit Size:

Site Name:

Transect:

Compass Heading:

Excavators:

Array:

Interval:

KEY:
STERILE ☐
HISTORIC [H]
EHISTORIC [P]

OIL KEYS:

IGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 77	STP 78	STP 79	STP 80	STP 81	STP 82
0	root mat sod	0 root mat	root mat sod	root mat sod	root mat sod	0 root mat
3	Ap 10YR LS 414	Ap 10YR LS 414	Ap * 10YR LS 414	Ap 10YR LS * 414	* Ap LS 10YR 414	Ap LS
29	B 10YR LS 516	B 10YR LS 516	B 10YR LS 516	B 10YR LS 516	B 10YR 516	B 10YR LS 516
39						
	Birch trees Nem	Landscaped	* LU2-1Flake Landscaped	LU2-1Flake 1Possible hammerstone	LU2-3Flakes 1FCR	Nem

TEST PIT PROFILE FORM

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N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC
J.T.P.:
Phase: Ib
Date: 8-8-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval:

KEY:
STERILE
HISTORIC H
PREHISTORIC P

SOIL KEYS:

STIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 83	STP 84	STP 85	STP 86	STP 87	STP 88
0	0 sod	0 root mat	0 root mat	0 root mat sod	0 root mat	0 root mat
3	Ap LS 10YR 4/4	Ap LS	Ap LS 10YR 4/4	Ap LS 10YR 4/4	A LS 10YR 4/4	A LS some gravel
25	B LS 10YR 5/6	B LS	B LS 10YR 5/6	B LS 10YR 5/6	B LS 10YR 5/6	B LS
36			uniden. bone fragments discarded		gravel	
	Nem Landscaped	Nem	Nem Landscaped	Lv 2 1FCR Landscaped	Lv 2 - 1Flake 1FCR	Nem

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
☐CNW ☐CNE
☐C E☐
☐CSW ☐CSE
S SE

Project Name: HOC
J.T.P.:
Phase: Ib
Date: 8-8-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval:

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

SOIL KEYS:

TIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP89	STP90	STP91	STP92	STP93	STP94
0	O	O sod root mat	O root mat	O root mat	O root mat	O root mat
3	Ap	A 10YR 4/4 LS	A 10YR 4/4 LS	Ap 10YR 4/4 LS	A 10YR 4/4 LS	A LS
29	B	B 10YR 5/6 LS	B 10YR 5/6 LS	B 10YR 5/6 LS	B 10YR 5/6 LS	B LS
39	NEM	gravel throughout				
	middle 88 89-SP#1 15 Flakes	NEM	LV2 1 Flake	NEM	square nail - discarded	NEM

TEST PIT PROFILE FORM PAGE ___ OF ___

N NE
CNW CNE
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CSW CSE
S SE

Project Name: Ho C
J.T.P.
Phase: Ib Date: 8-8-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval:

KEY:
STERILE
HISTORIC H
EHISTORIC P

OIL KEYS:

GRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP95	STP96	STP97	STP98	STP99	STP100
0	O root mat sod	O root mat	O root mat sod	O root mat sod	O root mat	root mat
2	A 10YR LS 4/4	A LS	Ap 10YR LS 4/4	Ap 10YR LS 4/4	A 10YR LS 4/4	A 10YR LS 4/4
23	B 10YR LS 5/6	B LS	B 10YR LS 5/6	B 10YR LS 5/6	B 10YR LS 5/6	Impeded by large roots
28	Impeded by roots	Impeded by roots		Nem	gravel Nem	
	Nem	Nem	Nem near water tower	middle of brick design obstructed by grass	Near concrete steps 12 meters long 55 cm wide	Nem Near bamboo Forest

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N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC
Phase: Ib Date: 8-8-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE
HISTORIC H
EHISTORIC P

OIL KEYS:

IGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 101	STP 102	STP 103	STP 104	STP 105	STP 106
0	root mat	0 root mat sod	root mat sod	0 root mat	root mat sod	0 root mat
2		3	3	3	3	3
23	A 10YR 4/4 LS	26 Ap 10YR 4/4 LS	27 Ap LS	26 Ap 10YR 4/4 LS	20 Ap 10YR 4/4 LS	22 Ap LS
	Impeded by roots	36 B 10YR 5/6 LS	37 B LS	36 B 10YR 5/6 LS	Impeded by roots	32 B LS
	bamboo Forest	Nem	Nem Landscaped	LV2 1 Flake near apple orchard road.	Nem	Nem Near bamboo Forest

TEST PIT PROFILE FORM

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N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC — J.T.P. ___

Phase: Ib — Date: 8-8-00 — Block: ___ — Unit Size: ___

Site Name: ___ — Transect: ___ — Compass Heading: ___

Excavators: ___ — Array: ___ — Interval: ___

KEY:
STERILE ☐
HISTORIC H
PREHISTORIC P

OIL KEYS:

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

STP 107	STP 108	STP 109	STP 110	STP 111	STP 112
0 root mat	0 root mat sod	0 root mat	0 root mat	0 root mat	0 root mat sod
2 A	2 A LS 10YR 4/4	3 A LS 10YR 4/4	3 A LS 10YR 4/4	3 A LS 10YR 4/4	3 A LS 10YR 4/4
18 B	22 B LS 10YR 5/6	18 B LS 10YR 5/6	19 B LS 10YR 5/6	20 B LS 10YR 5/6	22 B LS
28	32	28	30	30	32
NCM		NCM	2 concrete structures 25' west of STP 110 well, 1 covered drainage hole		NCM
NCM inside fenced yard	30 from tennis court	west 100' tennis court	NCM	NCM	NCM

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N NE
CNW ☐CNE
☐C E☐
CSW ☐CSE
S SE

Project Name: HOC
J.T.P.
Phase: Ib Date: 8-8-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval:

KEY:
STERILE ☐
HISTORIC [H]
HISTORIC [P]

OIL KEYS:

GRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

EXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 113	STP 114	STP 115	STP 116	STP 117	STP 118
0	0 root mat	0 root mat sod	0 root mat	0 root mat	0 root mat	0 root mat
3	Ap 10YR 4/4 LS	A 10YR 4/4 LS	Ap LS	Ap * 10YR 4/4 LS	Ap 10YR 4/4	A 10YR 4/4
27	B 10YR 5/6 LS	B 10YR 5/6 LS	B LS	Impeded by a rock	B 10YR 5/6	B 10YR 5/6
37						
	Nem	Nem	Nem	* Cl 2 1 Flake	Nem	Nem

TEST PIT PROFILE FORM

N	NE
☐CNW	☐CNE
☐C	E☐
☐CSW	☐CSE
S	SE

Project Name: HoC
J.T.P.:
Phase: Ib
Date: 8-8-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval:

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

SOIL KEYS:

ATIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 119	STP 120	STP 121	STP 122	STP 123	STP 124
0–3	0 root mat	0 root mat sod	1 Flake on surface; 0 Ap 10YR 4/4 LS	0 root mat sod	0 root mat sod	0 root mat sod
3–25	Ap LS	3 Ap 10YR LS 4/4	25 B 10YR LS 5/6	2 A mottled 4/4 w/ red & gray LS	2 A 10YR 4/4 mottled w/ red & gray	3 A 10YR LS 4/4
25–35	B LS	26 B 10YR LS 5/6	34 Impeded by roots	15 10YR 5/6 B LS	12 B 10YR LS 5/6	20 B 10YR LS 5/6
35	\\	36 Nem	No O horizon	25 \\ Stripped & disturbed	22 \\ Nem	30
	Nem	Landscaped	IFCR Lv. 2	Nem	Stripped A horizon	Nem Near tennis court

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
☐CNW ☐CNE
☐C E☐
☐CSW ☐CSE
S SE

Project Name: Hoc
Phase: Ib Date: 8-8-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

SOIL KEYS:

TIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	Stp 125	Stp 126	Stp 127	Stp 128	Stp 129	Stp 130
0	0 root mat	0 root sod mat	0 root mat sod	0 root mat	0 root mat sod	0 root mat
3	A LS	A LS	A LS	Ap 10YR 4/4 LS	Ap 10YR	Ap
18	B LS	B LS	B LS	B LS	B 10YR LS	B
28						
		Nem	Nem			Nem
	Nem	Landscaped	near Bamboo forest	Nem	Nem	near apple orchard road

[redacted]ST[redacted]P[redacted]FIL[redacted]OR[redacted] PAG[redacted]

N	NE
CNW	CNE
C	E
CSW	CSE
S	SE

Project Name: HOC

Phase: Ib Date: 8-15-00

Site Name:

Excavators:

J.T.P.

Block:

Transect:

Array:

Unit Size:

Compass Heading:

Interval:

KEY:
STERILE
HISTORIC H
HISTORIC P

OIL KEYS:

GRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 131	STP 132	STP 133	STP 134	STP 135	STP 136
0	O root LS mat	O Sod	Sod	Sod	O Sod root mat	Sod root mat
3	Ap 10YR 4/4 LS	A LS	A 10YR 4/4 LS	A 10YR 4/4 LS	Ap LS	Ap
19	B 10YR 5/6 LS	B	B 10YR 5/6 LS	B 10YR 5/6 LS	B LS	B
29						
	Nem	Nem	Nem	Nem	Nem	

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
CNW CNB
C E
CSW CSB
S SE

Project Name: HOC
Phase: Ib Date: 8-15-00
Site Name:
Excavators:

J.T.P.
Block: Unit Size:
Transect: Compass Heading:
Array: Interval:

KEY:
STERILE
HISTORIC H
PREHISTORIC P

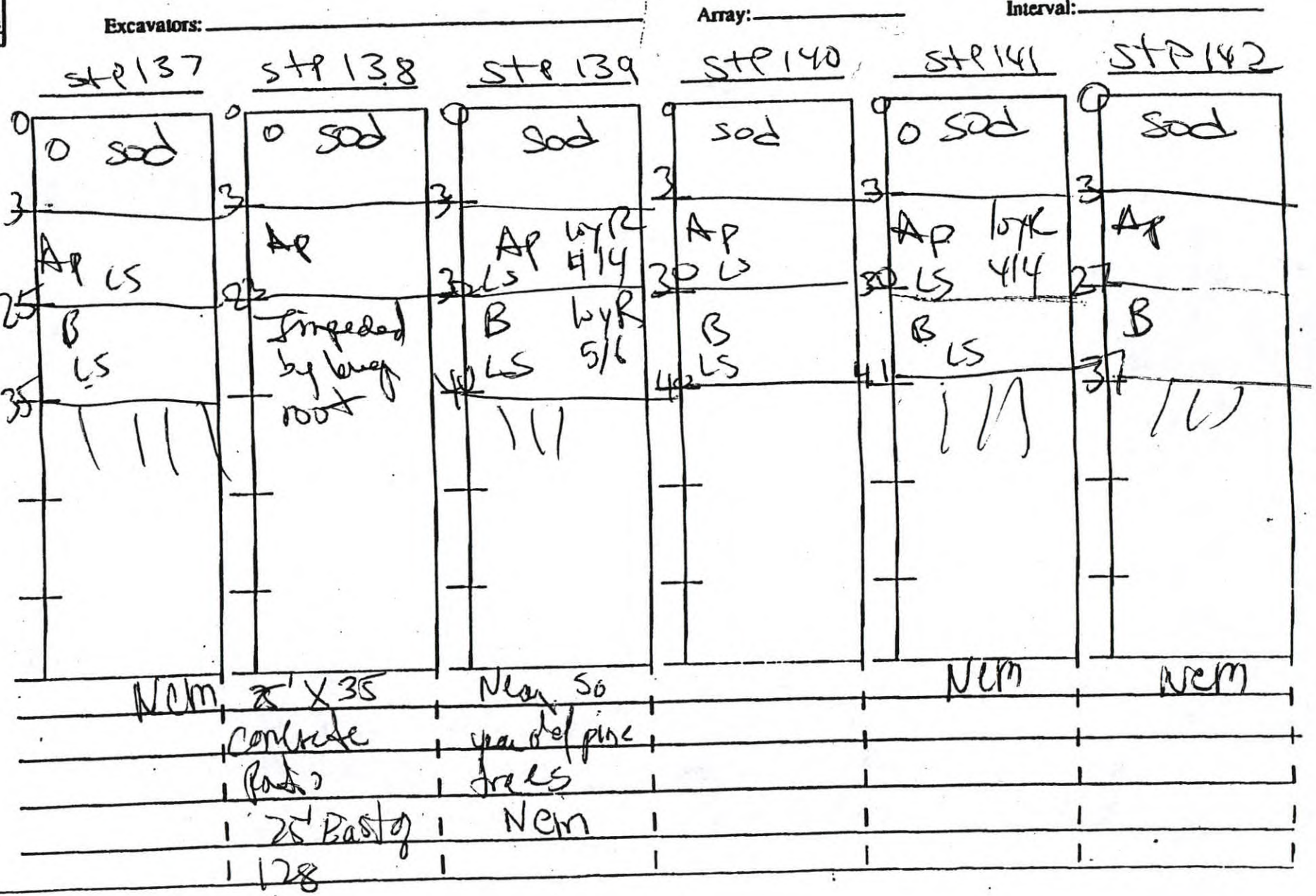
SOIL KEYS:

TOPOGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST



TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
NW CNE
C E
SW CSE
S SE

Project Name: HoC
Phase: Ib Date: 8-15-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE
ISTORIC H
ISTORIC P

L KEYS:

RAPHY
Duff AD
Podzol AE
Horizon A1/A2
lowzone Ap
Horizon B1/B2
Feature FEA
Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

XTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 143	STP 144	STP 145	STP 146	STP 147	STP 148
0	sod	0 sod	0 sod	sod	0 sod root mat	sod
3	Ap LS 10YR 414	Ap LS	Ap LS	Ap LS 10YR 412	Ap 10YR 412	Ap LS
25	B LS	B LS	B LS	B LS 10YR 516	B 10YR 516	B LS
35						
		Near Boat house 15 ~30' East of STP 144	NCM	1 Flake - Lu. 2	Surface Find 3 located ~6' East of STP 147	

TEST PIT PROFILE FORM PAGE ___ OF ___

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: _____ J.T.P. _____

Phase: _____ Date: _____ Block: _____ Unit Size: _____

Site Name: _____ Transect: _____ Compass Heading: _____

Excavators: _____ Array: _____ Interval: _____

KEY:
STERILE ☐
HISTORIC H
PREHISTORIC P

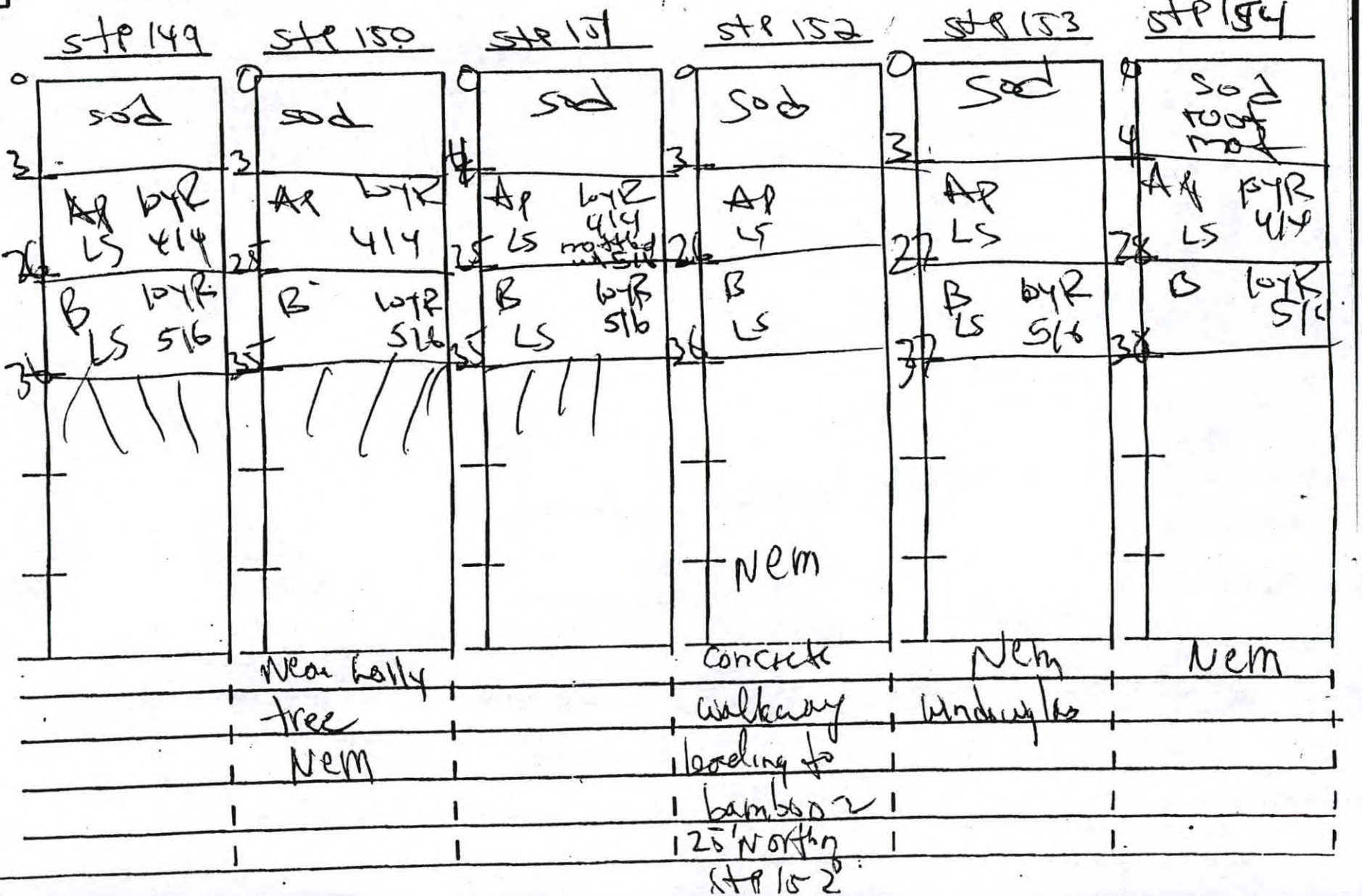
SOIL KEYS:

STRATIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST



TEST PIT PROFILE FORM PAGE ___ OF ___

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC J.T.P. ____

Phase: IB Date: 8-15-00 Block: ____ Unit Size: ____

Site Name: ____ Transect: ____ Compass Heading: ____

Excavators: ____ Array: ____ Interval: ____

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

SOIL KEYS:

TOPOGRAPHY
Duff AO
Podzol AE
A Horizon A1A2
Plowzone Ap
B Horizon B1B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

STP155	STP156	STP157	STP158	STP159	STP160
0	0	0	0	0	0
	sod root mat	sod	sod root	sod	sod
3	3	4	3	3	3
Ap LS	Ap LS	Ap LS	Ap	Ap LS	Ap LS
25	26	26	25	22	25
B LS	B 10YR 5/6 LS	B 10YR 5/6 LS	B LS	B 10YR 5/6 LS	B LS
35	36	38	35	37	35
NCM	NCM	NCM	NCM	NCM	NCM

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC

Phase: Jb Date: 8-13-00

Site Name:

Excavators:

J.T.P.

Block:

Transect:

Array:

Unit Size:

Compass Heading:

Interval:

KEY:
STERILE
HISTORIC H
EHISTORIC P

SOIL KEYS:

IGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 161	STP 162	STP 163	STP 164	STP 165	STP 166
0	O sod	sod	O sod root mat		sod	O sod
3	Ap LS	Ap LS	Ap 10YR 4/4 LS		10YR 4/4 Ap	Ap 10YR LS 4/4
20	B LS	LS B	B 10YR 5/6 LS		Lens of dead leaves	B 10YR LS 5/6
30					B 10YR 5/6	
	Next to concrete walkway leading to bamboo forest	Nem	~ 20' East concrete wall		Nem	

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
NW CNE
C E
CSW CSE
S SE

Project Name: MOC
Phase: II Date: 8-15-00
Site Name:
Excavators:

J.T.P.
Block:
Unit Size:
Transect:
Compass Heading:
Array:
Interval:

KEY:
STERILE
HISTORIC H
HISTORIC P

OIL KEYS:

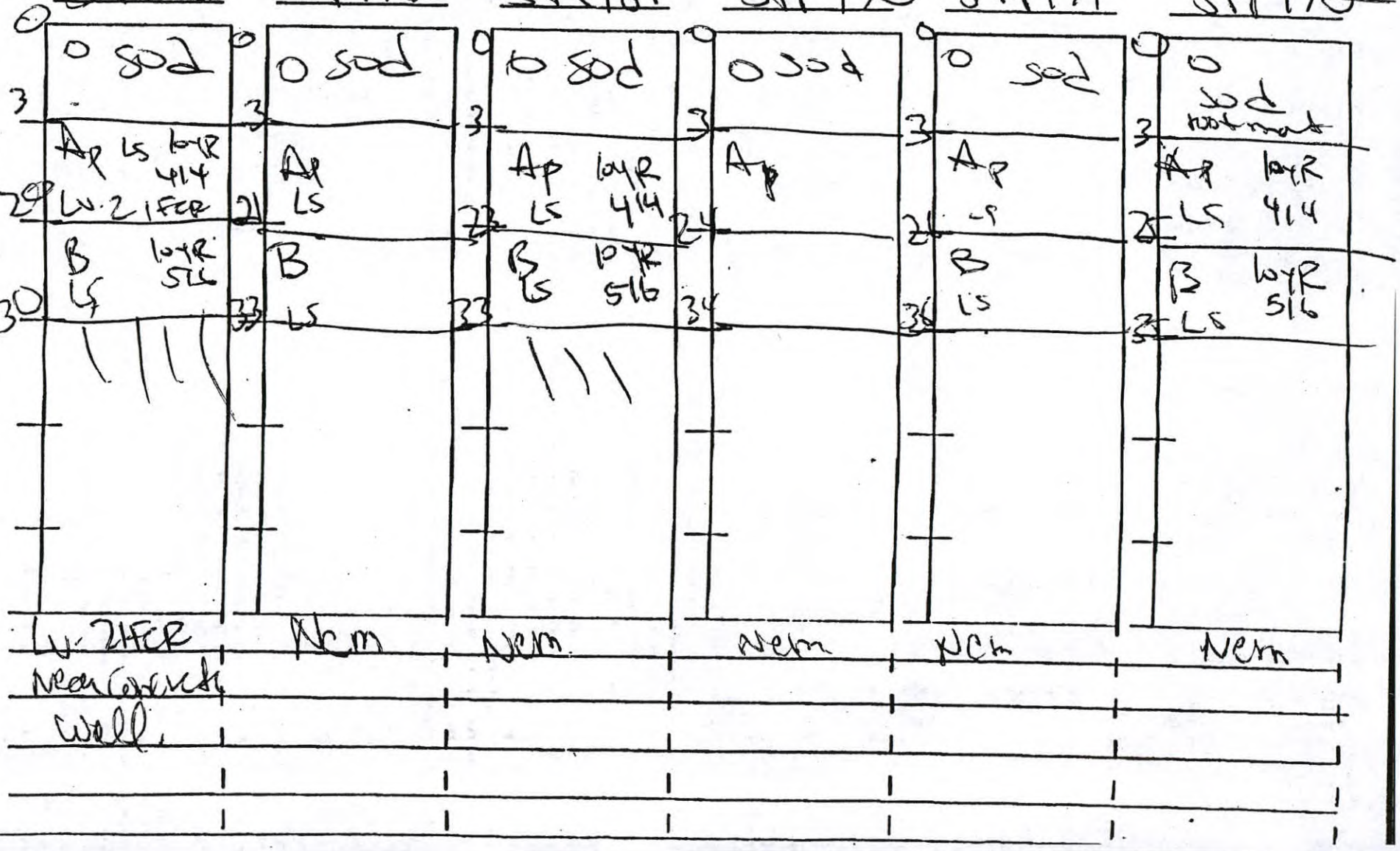
STRAPHY
Duff AO
Podzol AE
Horizon AVA2
Plowzone Ap
Horizon BVB2
Feature FEA
Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

STP 167 | STP 168 | STP 169 | STP 170 | STP 171 | STP 172



TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
NW CNE
C E
SW CSE
S SE

Project Name: HOC
J.T.P.:
Phase:
Date: 8-15-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval:

KEY:
STERILE
HISTORIC H
HISTORIC P

IL KEYS:

RAPHY
Duff AO
Podzol AE
Horizon A1/A2
Plowzone Ap
Horizon B1/B2
Feature FEA
Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

EXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP173	STP174	STP175	STP176	STP177	STP178
0	0 sod	0 sod	0 sod	0 sod	0 sod	0 sod
3	root mat	3	3	3 root mat	3	3 root mat
	Ap 10YR 4/4 LS	Ap	Ap LS	Ap 10YR 4/4	Ap 10YR 4/4 LS	Ap LS
30		27	25	24		12
	B 10YR 5/6 LS	B	B LS	Impeded by root.	B 10YR LS 5/6	B LS
40		37	35			25
						1217
	6' south of concrete wall	approx 5' south of pond.	Nem	inside concrete wall structure near pond.	inside concrete structure	Nem
	Nem	Nem				

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
NW CNE
C E
SW CSE
S SE

Project Name: HOC
Phase: Ib Date: 8-15-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE
HISTORIC H
HISTORIC P

IL KEYS:

RAPHY
Duff AO
Podzol AE
Horizon A1/A2
Plowzone Ap
Horizon B1/B2
Feature FEA
Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

EXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP179	STP180	STP181	STP182	STP183	STP184
0	0 sod	root mat	0 root mat	seed root mat	0 sod	sod
3	Ap	Ap LS	Ap LS	Ap	Ap LS	Ap
15	B LS	B LS	B LS	Impeded by root	B LS	B
38				NCM		
	edge of bamboo Forest	inside Bamboo Forest	inside bamboo Forest	In bamboo Forest		Near Fence NCM
	bluish plastic button — discarded					

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC
J.T.P.
Phase: Ib
Date: 8-15-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval:

KEY:
STERILE
HISTORIC H
HISTORIC P

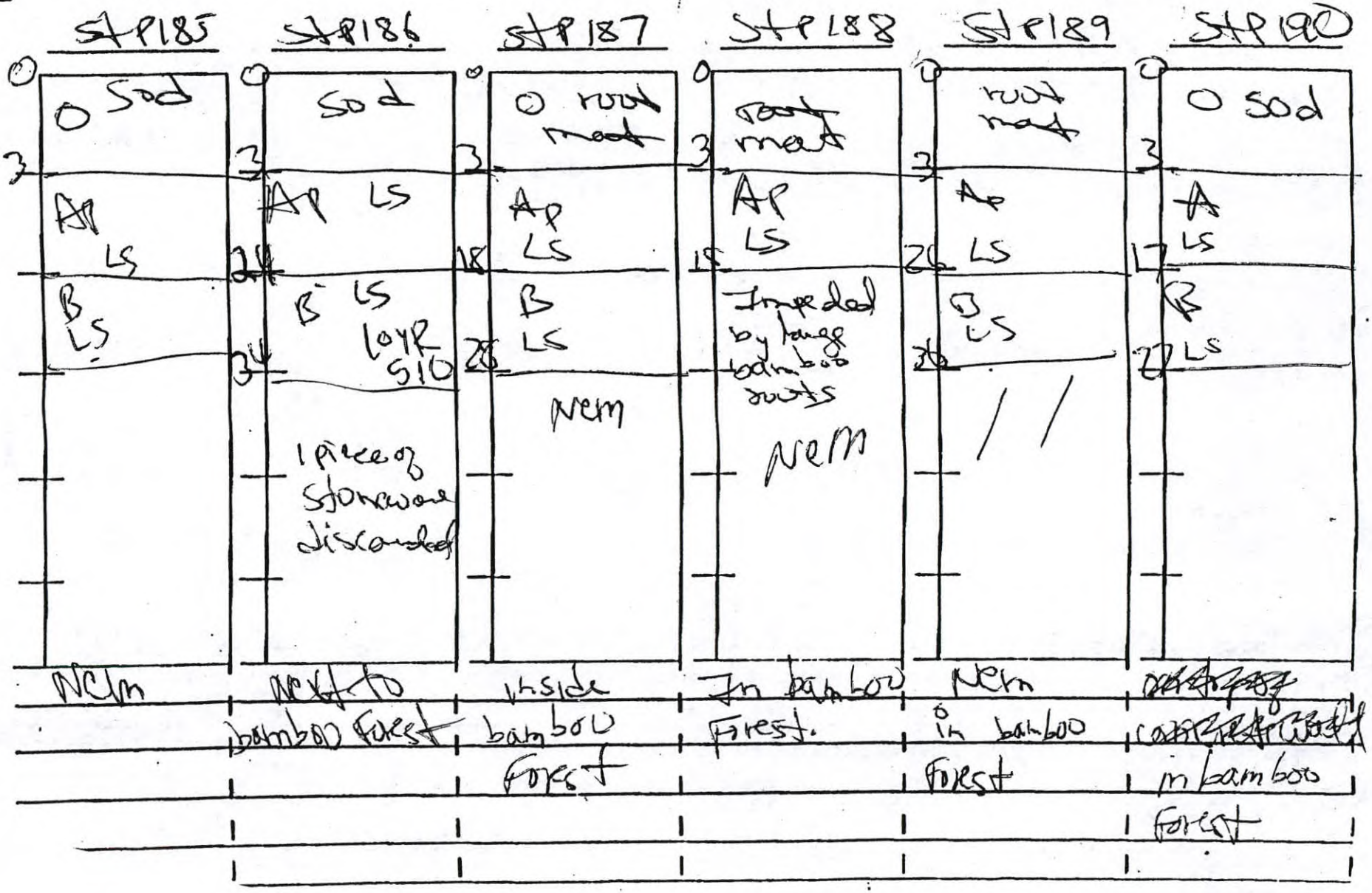
OIL KEYS:

GRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

EXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
DIST



	STP185	STP186	STP187	STP188	STP189	STP190
0	0 Sod	0 Sod	0 root mat	0 root mat	0 root mat	0 Sod
3	Ap LS	Ap LS	Ap LS	Ap LS	Ap LS	A LS
24	B LS	B LS 10YR 5/0	B LS	Impeded by large bamboo roots	B LS	B LS
34		1 piece of stoneware discarded	Nem	Nem	//	
	Nem	next to bamboo forest	inside bamboo forest	In bamboo forest.	Nem in bamboo forest	~~[illegible]~~ in bamboo forest

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
CNW CNE
C E
CSW CSE
S SE

Project Name: HOC
Phase: 7b Date: 8-15
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE
HISTORIC H
EHISTORIC P

OIL KEYS:

GRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	Stp 191	Stp 192	Stp 193	Stp 194	Stp 195	Stp 196
0	sod	0 sod	0 sod	0 sod	0 sod	0 sod road mat
3	Ap LS	3 Ap LS	3 Ap LS	3 Ap LS	3 Ap 10YR LS 4/4	3 Ap 10YR
17	B LS	20 B LS	B LS	17 B LS	B 10YR LS 5/6	22 B 10YR 5/6
28		30 X Flake Lv-2	NCM	27 NCM		32 w/ gravel
	on top of concrete wall structure	inside concrete structure near pond oval		inside concrete structure w/ pond	inside concrete structure w/ pond NCM	NCM

TEST PIT PROFILE FORM

PAGE ___ OF ___

N NE
NW CNE
C E
SW CSE
S SE

Project Name: Hoc
J.T.P.:
Phase: Ib Date: 8-15-00
Block:
Unit Size:
Site Name:
Transect:
Compass Heading:
Excavators:
Array:
Interval:

KEY:
STERILE
ISTORIC H
ISTORIC P

L KEYS:

RAPHY
Duff AO
Podzol AE
Horizon A1/A2
lowzone Ap
Horizon B1/B2
Feature FEA
Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

XTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP197	STP198	STP199	STP200	STP 201	STP 202
0	0 root mat sod	0 sod root mat	0 sod	0 sod	0 sod	0 sod
3	Ap LS 10YR 4/4	mottled A&B	Ap LS	Ap 10YR LS 4/4	Ap 10YR LS	Ap 10YR LS 4/4
20	B 10YR LS 5/6	1 piece of FCR	B 10YR LS 5/6	Impeded by rocks	B 10YR LS 5/6	B 10YR LS 5/6
30						
	Landscaped area		Nem radial of SF#2 North	South Nem	East Nem	West Nem

N NE
☐CNW ☐CNE
☐C E☐
☐CSW ☐CSE
S SE

Project Name: [redacted] HOC
Phase: Fb Date: 8-15-00
Site Name:
Excavators:

J.T.P.
Block:
Transect:
Array:

Unit Size:
Compass Heading:
Interval:

KEY:
STERILE ☐
HISTORIC [H]
PREHISTORIC [P]

SOIL KEYS:

ATIGRAPHY
Duff AO
Podzol AE
A Horizon A1/A2
Plowzone Ap
B Horizon B1/B2
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

	STP 203	STP 204	STP 205	STP 206		
0	Sod	Sod root mat	Sod	Sod root mat		
3	Ap 10YR 4/4 LS	Ap LS	Ap 10YR LS 4/4	Ap 10YR LS		
20	B 10YR LS 5/6	B LS	B 10YR LS 5/6	B 10YR LS 5/6		
30	\\\	Nem	Nem			
	radial of STP 104 Nem North	South	East	West Nem		

TEST PIT PROFILE FORM

PAGE ___ OF ___

NW N NE
CNW CNE
W C E
CSW CSE
SW S SE

Project Name: Wards point
Phase: Ib Date: 5-17-01
Site Name:
Excavators: AC FC CS

J.T.P.
Block:
Unit Size:
Transect:
Compass Heading:
Array:
Interval:

KEY:
STERILE ☐
HISTORIC H
PREHISTORIC P

SOIL KEYS:

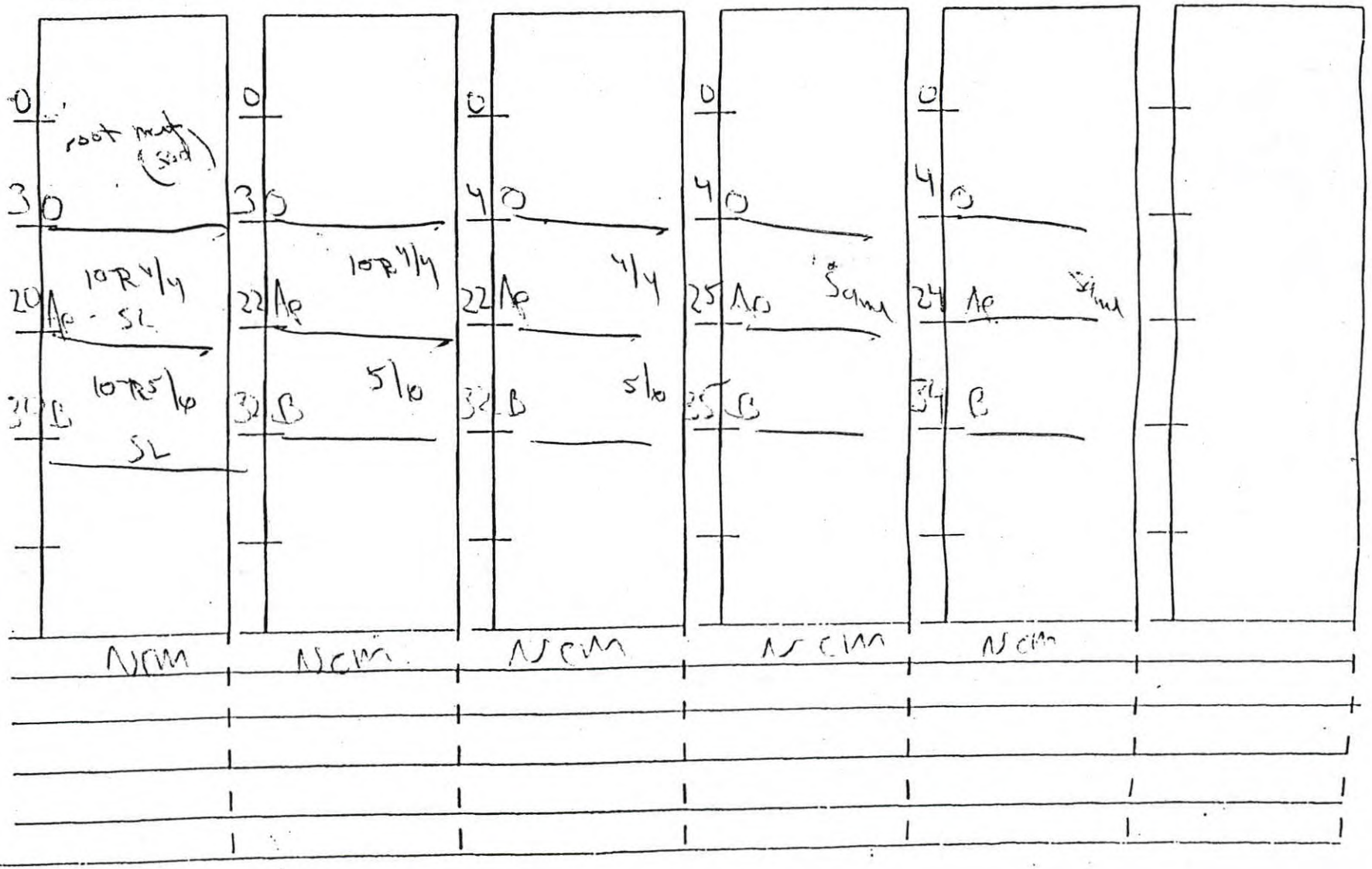
STRATIGRAPHY
Duff AO
Podzol AE
A Horizon AHA1
Plowzone Ap
B Horizon BHB1
Feature FEA
C Horizon C
Fill FL
Organic O
Other OT
Wet WET
Water H2O

TEXTURE
Clay CL
Silt SLT
Greasy GSY
Sand SD
Gravel GR
Rock RK
Coarse C
Medium M
Fine F
Very V

COLOR
Black BK
Brown BN
Red RD
Yellow YW
Grey GY
Mottled MOT
Olive OL
Dark DK
Light LT
Strong STG

Roots RT
Disturbed DIST

STP 207 | STP 208 | STP 209 | STP 210 | STP 211



APPENDIX 3

APPENDIX 3

BITTNER 2 SITE - BITTNER 2 SITE

CAT	LATCX	VERCX	GP	CL	MAT	MOR	IDENTITY	WT	CT
1	2001		10	3	53	29	TERTIARY	5.50	15.00
2	2001		10	3	53	28	SECONDARY	9.60	4.00
3	2002		10	3	53	29	TERTIARY	0.50	2.00
4	2003		10	3	53	29	TERTIARY	1.85	3.00
5	2003		10	3	53	29	SECONDARY	5.40	1.00
6	2004		10	3	53	28	SECONDARY	4.20	1.00
7	2004		10	3	53	27	PRIMARY	4.10	1.00
8	2005		10	9	53	1	FCR	31.40	1.00
9	3058	2	10	3	53	29	TERTIARY	0.30	1.00
10	3068	2	10	9	57	1	FCR	15.80	1.00
11	3069	2	10	3	53	29	TERTIARY	1.90	2.00
12	3069	2	10	3	53	27	PRIMARY	0.50	1.00
13	3069	2	10	9	53	1	FCR	3.00	2.00
14	3075	2	10	3	53	27	PRIMARY	1.50	1.00
15	3079	2	10	3	53	29	TERTIARY	0.15	1.00
16	3080	2	10	3	53	28	SECONDARY	0.70	1.00
17	3080	2	10	3	53	21	HAMMERSTONE	90.80	1.00
18	3081	2	10	3	53	29	TERTIARY	1.40	3.00
19	3081	2	10	9	54	1	FCR	13.50	1.00
20	3086	2	10	9	54	1	FCR	69.60	1.00
21	3087	2	10	3	53	29	TERTIARY	0.30	1.00
22	3087	2	10	9	53	1	FCR	41.40	1.00
23	3091	2	10	3	53	29	TERTIARY	0.50	1.00
24	3104	2	10	3	53	29	TERTIARY	0.50	1.00
25	3116	2	10	3	53	28	SECONDARY	0.55	1.00
26	3121	2	10	3	53	29	TERTIARY	5.40	1.00
27	3121	2	10	9	54	1	FCR	2.60	1.00
28	3146	2	10	3	53	28	SECONDARY	5.70	1.00
29	3147	2	10	9	53	1	FCR	11.80	1.00
30	3167	2	10	9	54	1	FCR	11.00	1.00
31	3192	2	10	3	53	29	TERTIARY	0.15	1.00
32	3198	2	10	3	53	32	TESTED	40.30	1.00

TOTAL CT: 56.00

NATIONAL PARK SERVICE
MATERIAL CULTURE DATA BASE TAXONOMY

Contact: Beth Acuff or
Douglass Comer, Chief Archaeologist
Northeast Archaeology Team
P.O. Box 77
Seneca, Maryland 20837

PREHISTORIC GROUP (10) (continued)

Domestic Equipment (02)
Morphological Design:

13 vessel
(see material common list 80-84 for clay tempers)
14 mortar
15 pestle
16 muller
17 groundstone fragment

Stone Working (03)
Morphological Design:

21 hammmerstone
22 baton
23 tine
24 splinter
25 drift or "punch"
26 anvil
27 flake - primary
28 flake - secondary
29 bifacial thinning flake - tertiary
30 core
31 blank
32 tested piece
33 shatter
34 retouched

Wood working (04)
Morphological Design:

37 celt
38 grooved axe
39 spokeshave
40 axe

Secondary Morphological Design:

131 nobbed
132 full grooved
133 3/4 grooved

Digging Tools (05)
Morphological Design:

45 hoe

PREHISTORIC GROUP (10) (continued)

Miscellaneous Artifacts (09)
Morphological Design:

Firecracked Rock

01 FCR
02 cooking stone
03 hearth stone

MATERIAL - COMMON LIST

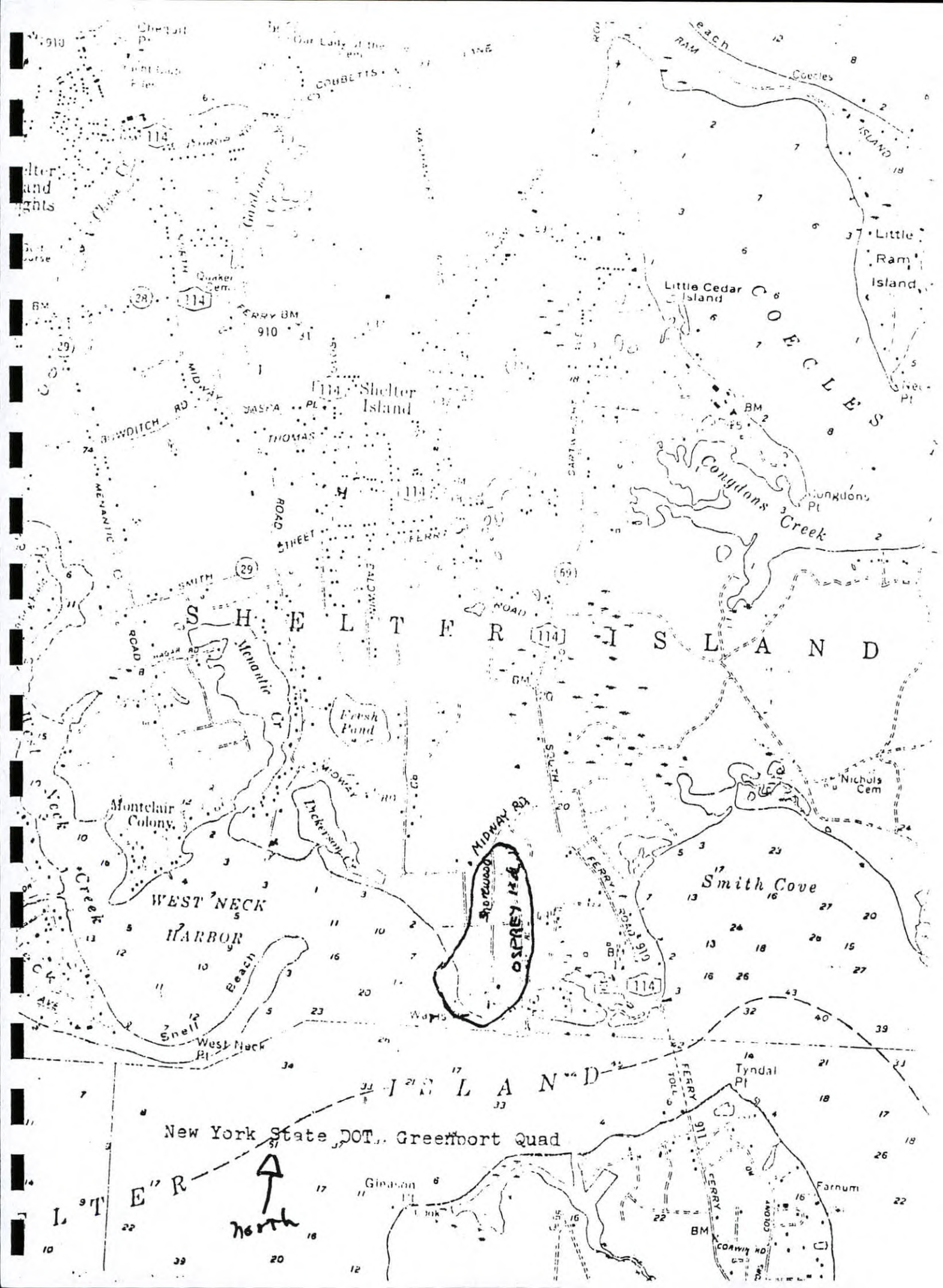
01 porcelain
02 stoneware
03 earthenware
04 ironstone/granite china/whiteware
05 tin
06 wood
07 pewter
08 plastic
09 rubber, hard
10 rubber, elastic
11 paper
12 glass, frosted
13 glass, milk
14 glass, flashed
15 leather
16 hair
17 bone
18 horn
19 silver
20
21 gold
22 nickel/copper
23 nickel
24 copper
25 brass
26 other cupreous metal
27 stainless steel
28 ferrous alloys
29 aluminum
30 cast iron
31 wrought iron
32 steel
33 pot metal
34 lead
35 chrome
36 zinc
37 amber
38 limestone
39 sandstone
40 slate
41 marble
42 granite
43 schist
44 shale
45 bluestone
46 gravel
47 clay
48 graphite
49 mica
50 flint
51 jasper
52 chert
53 quartz
54 quartzite
55 basalt
56 chalcedony
57 ochre
58 obsidian
59 rhyolite
60 steatite
61 catlinite
62 kaolin
63 petrified wood
64 diamond
65 ruby
66 emerald
67 pearl
68 other precious stone
69 brick
70 mortar/cement
71 concrete
72 plaster
73 carbon
74 spun glass
75 asbestos
76 wax
77 soap
78 glass
79 red clay
80 clay, shell-tempered
81 clay, grit-tempered
82 clay, grog-tempered
83 clay, sand-tempered
84 clay, vegetable material-tempered
85 hemp
86 cotton, mercerized
87 cotton, not mercerized
88 nylon
89 shell
90 sponge, natural
91 sponge, synthetic
92 cork
93 asphalt
94 foil
95 coal
96 mercury
100 crystal
101 linoleum
102 tar paper
103 celluloid - as in buttons
104 synthetic
105 wool
106 felt
107 silk
108 burlap
109 jet
110 glass patina
111 metal unknown
112 slag and clinker
113 aluminum oxide

APPENDIX 4

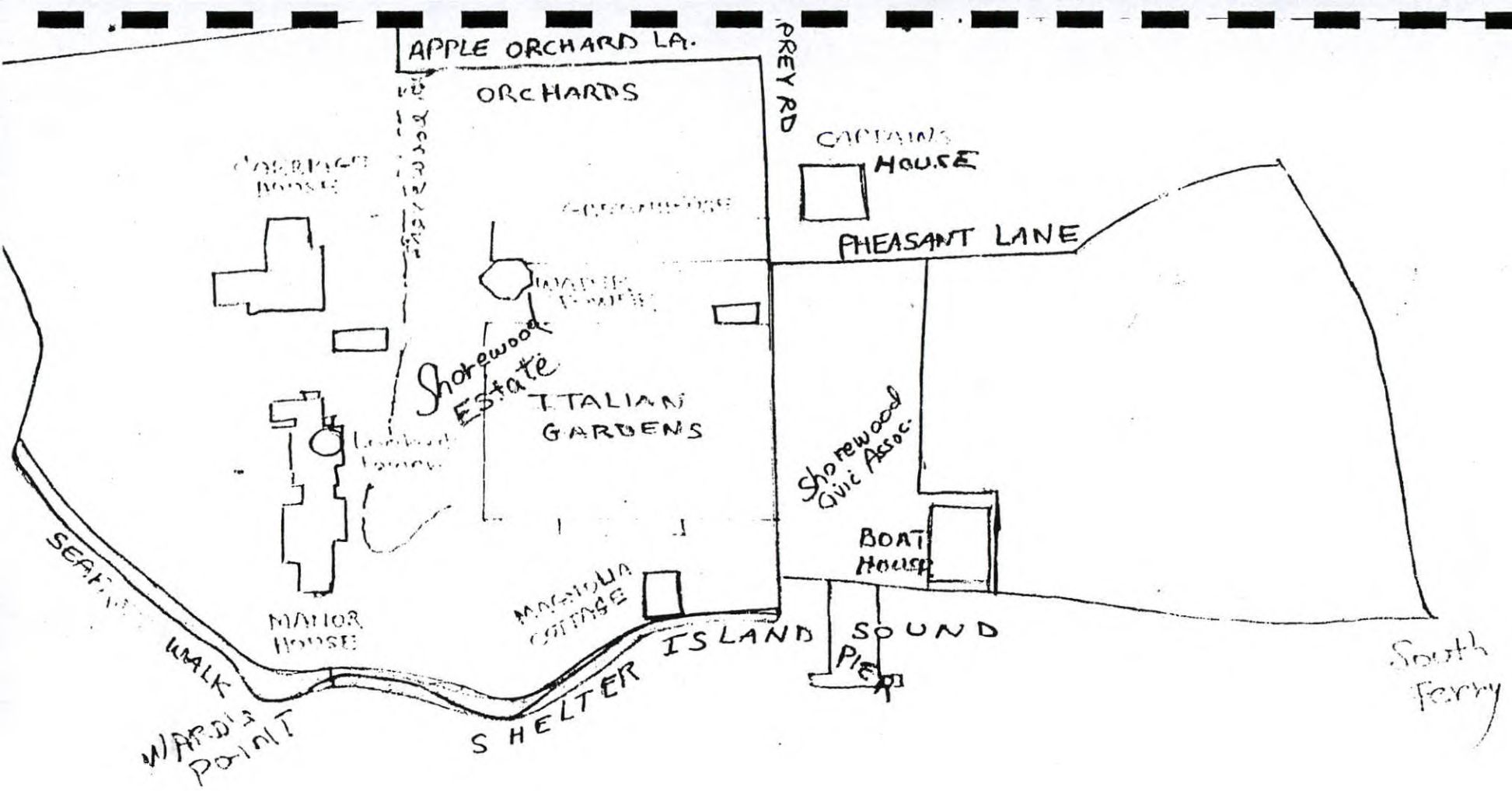
MAP DOCUMENTED STRUCTURES

Location	**Map**	**On, or Adjacent To Study Area**	**Owner**	**Eco-Niche**	**Comments**
Wards Point	1888	Adjacent	na	farm	Figure 4
Wards Point	1896	On	Ward	na	Figure 6
Wards Point	1906	On	Ward	na	Figure 7

APPENDIX 5



Little Ram Island
Little Cedar Island
COECLES
Shelter Island
Congdons Creek
Congdons Pt
SHELTER ISLAND
Menantic Cr
Fresh Pond
Montclair Colony
Nichols Cem
Smith Cove
WEST NECK HARBOR
Snell Beach
West Neck Pt
MIDWAY RD
OSPREY Id
Tyndal Pt
Farnum
Gleason Pt
New York State DOT Greenport Quad
north


APPLE ORCHARD LA.
ORCHARDS
PREY RD
CAPTAIN'S HOUSE
PHEASANT LANE
Shorewood Estate
ITALIAN GARDENS
Shorewood Civic Assoc.
BOAT HOUSE
MANOR HOUSE
MAGNOLIA COTTAGE
SEA WALK
WARD'S POINT
SHELTER ISLAND SOUND
PIER
South Ferry

BUILDING-STRUCTURE INVENTORY FORM

DIVISION FOR HISTORIC PRESERVATION
NEW YORK STATE PARKS AND RECREATION
ALBANY, NEW YORK (518) 474-0479

FOR OFFICE USE ONLY
UNIQUE SITE NO. 103-07-0226 Dec 11
QUAD
SERIES
NEG. NO.

YOUR NAME: Ellen Cole/ SPLIA DATE: April 28, 1978
YOUR ADDRESS: 93 North Country Rd. Setauket, N.Y. 11733 TELEPHONE: 516 941-9444
ORGANIZATION (if any): Shelter Island Historical Society

* *

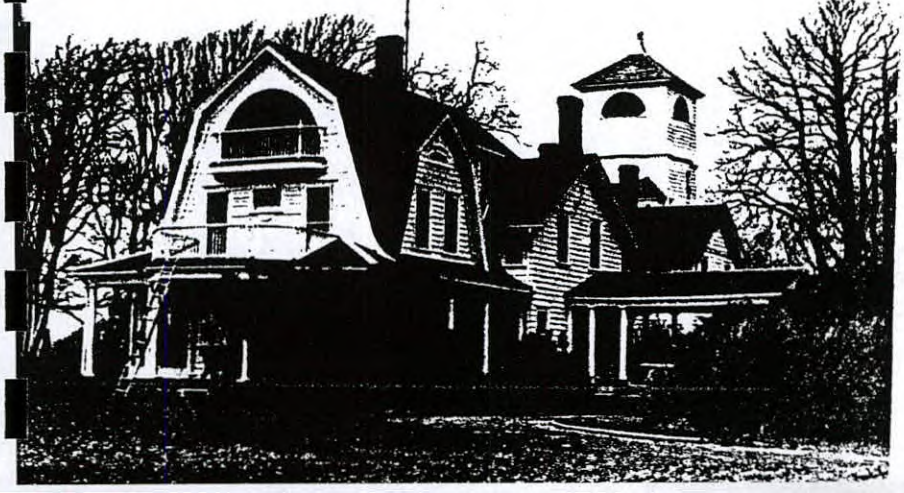
IDENTIFICATION

1. BUILDING NAME(S): Artemus Ward house
2. COUNTY: Suffolk TOWN/CITY: Shelter Isl. VILLAGE:
3. STREET LOCATION: Shorewood Drive; west side; S. of Midway Rd.
4. OWNERSHIP: a. public ☐ b. private ☒
5. PRESENT OWNER: Jean Garr Gangle ADDRESS: Shorewood Farms, Shelter Isl.
6. USE: Original: residence Present: residence
7. ACCESSIBILITY TO PUBLIC: Exterior visible from public road: Yes ☐ No ☒
   Interior accessible: Explain by appointment

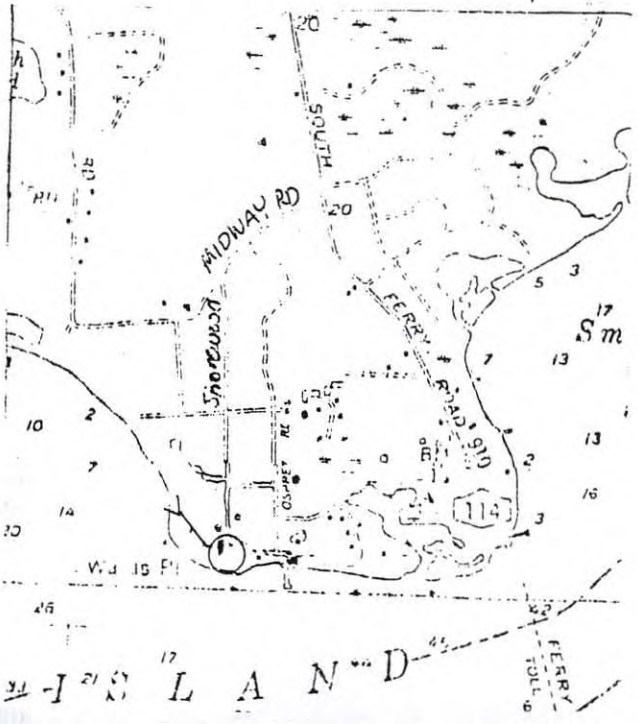
DESCRIPTION

8. BUILDING MATERIAL: a. clapboard ☐ b. stone ☐ c. brick ☐ d. board and batten ☐ e. cobblestone ☐ f. shingles ☒ g. stucco ☐ other:
9. STRUCTURAL SYSTEM: (if known) a. wood frame with interlocking joints ☐ b. wood frame with light members ☒ c. masonry load bearing walls ☐ d. metal (explain) e. other
10. CONDITION: a. excellent ☐ b. good ☒ c. fair ☐ d. deteriorated ☐
11. INTEGRITY: a. original site ☒ b. moved ☐ if so, when? c. list major alterations and dates (if known):

12. PHOTO: ELC I, # 9A from SE, south end & east side



13. MAP: NYS DOT Greenport Quad



14. THREATS TO BUILDING: a. none known ☒ b. zoning ☐ c. roads ☐
d. developers ☐ e. deterioration ☐
f. other: _____

15. RELATED OUTBUILDINGS AND PROPERTY:
a. barn ☐ b. carriage house ☒ c. garage ☐
d. privy ☐ e. shed ☐ f. greenhouse ☐
g. shop ☐ h. gardens ☒
i. landscape features: Shelter Island Sound
j. other: concrete water tower

16. SURROUNDINGS OF THE BUILDING (check more than one if necessary):
a. open land ☒ b. woodland ☐
c. scattered buildings ☒
d. densely built-up ☐ e. commercial ☐
f. industrial ☐ g. residential ☐
h. other: _____

17. INTERRELATIONSHIP OF BUILDING AND SURROUNDINGS:
(Indicate if building or structure is in an historic district)

This is the main house on the Artemus Ward summer estate, now Shorewood Farms.

18. OTHER NOTABLE FEATURES OF BUILDING AND SITE (including interior features if known):

Situated on Ward's Point, overlooking water on three sides of house. Part of the house may have existed earlier as the Lover farmhouse.

SIGNIFICANCE

19. DATE OF INITIAL CONSTRUCTION: c. 1892. Old section of house pre-1873.

ARCHITECT: _____

BUILDER: _____

20. HISTORICAL AND ARCHITECTURAL IMPORTANCE:

Large, rambling one and one-half story, gambrel roof, Shingle Style house with bracketed balcony inside south gable. Panelling between windows under balcony and applied decorative motif under center 2nd floor window on south facade. Four story tower topped with shingled, open belvedere at the north end of the house, with upper two stories containing curved bay sections supported on brackets.

Queen Anne front door with stained glass sidelights. Rusticated concrete block foundation.

21. SOURCES: Belcher-Hyde, E., Atlas of Suffolk County, south side, ocean shore, Vol. II, pl. 16, 1916.
Interview: Mrs. Jean Garr Gangle, owner, Shorewood Farms, forme: Artemus Ward Estate, April 15, 1978.

22. THEME: Duvall, R., History of Shelter Island, p. 206.

BUILDING-STRUCTURE INVENTORY FORM

DIVISION FOR HISTORIC PRESERVATION
NEW YORK STATE PARKS AND RECREATION
ALBANY, NEW YORK (518) 474-0479

FOR OFFICE USE ONLY
UNIQUE SITE NO. 03-07-0227-0011
QUAD
SERIES
NEG. NO.

YOUR NAME: Ellen Cole/SPLIA DATE: April 28, 1978
YOUR ADDRESS: 93 North Country Rd. Setauket, N.Y. 11733 TELEPHONE: 516 941-9444
ORGANIZATION (if any): Shelter Island Historical Society

* *

IDENTIFICATION

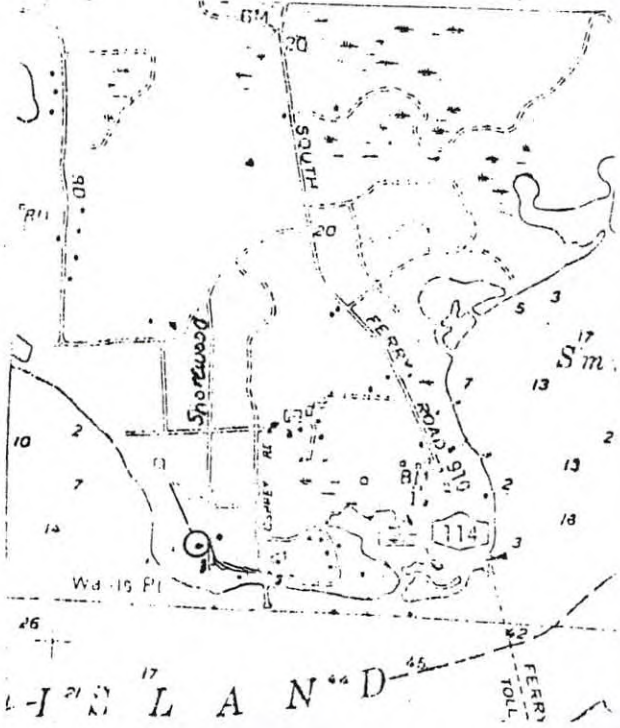
1. BUILDING NAME(S): ARTEMUS WARD ESTATE; CARRIAGE HOUSE
2. COUNTY: Suffolk TOWN/CITY Shelter Isl. VILLAGE:
3. STREET LOCATION: Sherwood Dr; West Side; South of Midway Rd.
4. OWNERSHIP: a. public ☐ b. private ☒
5. PRESENT OWNER: Jean Garr Gangle ADDRESS: Shorewood Drive, Shelter Islan
6. USE: Original: carriage house Present: apartments
7. ACCESSIBILITY TO PUBLIC: Exterior visible from public road: Yes ☐ No ☒
   Interior accessible: Explain by appointment

DESCRIPTION

8. BUILDING MATERIAL: a. clapboard ☒ b. stone ☐ c. brick ☐ d. board and batten ☐ e. cobblestone ☐ f. shingles ☐ g. stucco ☐ other:
9. STRUCTURAL SYSTEM: (if known) a. wood frame with interlocking joints ☐ b. wood frame with light members ☒ c. masonry load bearing walls ☐ d. metal (explain) e. other
10. CONDITION: a. excellent ☐ b. good ☒ c. fair ☐ d. deteriorated ☐
11. INTEGRITY: a. original site ☒ b. moved ☐ if so,when? c. list major alterations and dates (if known):

12. PHOTO: ELC I, 11A from E, front & south side

13. MAP: NYS DOT Greenport Quad



14. THREATS TO BUILDING: a. none known ☒ b. zoning ☐ c. roads ☐
d. developers ☐ e. deterioration ☐
f. other: _____

15. RELATED OUTBUILDINGS AND PROPERTY:
a. barn ☐ b. carriage house ☐ c. garage ☐
d. privy ☐ e. shed ☐ f. greenhouse ☐
g. shop ☐ h. gardens ☐
i. landscape features: near Shelter Island Sound
j. other: Shorewood Farms main house, water tower etc.

16. SURROUNDINGS OF THE BUILDING (check more than one if necessary):
a. open land ☐ b. woodland ☐
c. scattered buildings ☒
d. densely built-up ☐ e. commercial ☐
f. industrial ☐ g. residential ☐
h. other: _____

17. INTERRELATIONSHIP OF BUILDING AND SURROUNDINGS:
(Indicate if building or structure is in an historic district)

This is one of many buildings which form the summer estate of Artemus Ward, built in the late nineteenth and early twentieth century.

18. OTHER NOTABLE FEATURES OF BUILDING AND SITE (including interior features if known):

cupola atop hip roof.

SIGNIFICANCE

19. DATE OF INITIAL CONSTRUCTION: c. 1892

ARCHITECT: _____

BUILDER: _____

20. HISTORICAL AND ARCHITECTURAL IMPORTANCE:

A typical Queen Anne structure. Two story, foursquare, hip roof carriage house with second story overhang and bay. Brick foundation.

21. SOURCES: Belcher-Hyde, E., Atlas of Suffolk County, south side, ocean shore, Vol. II, 1916, pl. 16.
Interview: Mrs. Jean Garr Gangle, owner, April 15, 1978.

22. THEME:

BUILDING-STRUCTURE INVENTORY FORM

DIVISION FOR HISTORIC PRESERVATION
NEW YORK STATE PARKS AND RECREATION
ALBANY, NEW YORK (518) 474-0479

FOR OFFICE USE ONLY
UNIQUE SITE NO. 103-07-0228-D011
QUAD
SERIES
NEG. NO.

YOUR NAME: Ellen Cole/ SPLIA DATE: April 28, 1978

YOUR ADDRESS: 93 North Country Rd. Setauket, N.Y. 11733 TELEPHONE: 516 941-9444

ORGANIZATION (if any): Shelter Island Historical Society

* *

IDENTIFICATION

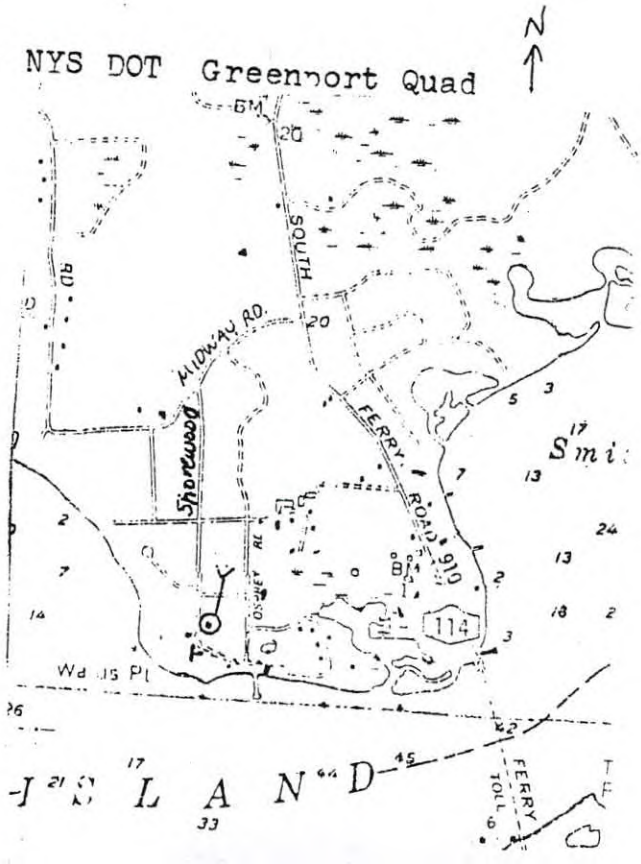
1. BUILDING NAME(S): ARTEMUS WARD ESTATE: WATER TOWER ~~[illegible]~~
2. COUNTY: Suffolk TOWN/CITY: Shelter Isl. VILLAGE:
3. STREET LOCATION: Shorewood Dr; east side; south of Midway Dr. ~~[illegible]~~
4. OWNERSHIP: a. public ☐ b. private ☒
5. PRESENT OWNER: Jean Garr Gangle ADDRESS: Shorewood Farms, Shelter Island
6. USE: Original: water tower Present: unused
7. ACCESSIBILITY TO PUBLIC: Exterior visible from public road: Yes ☐ No ☒
Interior accessible: Explain by appointment

DESCRIPTION

8. BUILDING MATERIAL: a. clapboard ☐ b. stone ☐ c. brick ☐ d. board and batten ☐ e. cobblestone ☐ f. shingles ☐ g. stucco ☐ other: poured concrete
9. STRUCTURAL SYSTEM: (if known)
   a. wood frame with interlocking joints ☐
   b. wood frame with light members ☐
   c. masonry load bearing walls ☒
   d. metal (explain)
   e. other
10. CONDITION: a. excellent ☐ b. good ☐ c. fair ☒ d. deteriorated ☐
11. INTEGRITY: a. original site ☒ b. moved ☐ if so, when?
   c. list major alterations and dates (if known):

12. PHOTO: ELC I, 12A from SW

13. MAP: NYS DOT Greenport Quad



SI 30

14. THREATS TO BUILDING: a. none known ☒ b. zoning ☐ c. roads ☐
d. developers ☐ e. deterioration ☐
f. other: _____

15. RELATED OUTBUILDINGS AND PROPERTY:
a. barn ☐ b. carriage house ☒ c. garage ☐
d. privy ☐ e. shed ☐ f. greenhouse ☐
g. shop ☐ h. gardens ☒
i. landscape features: Shelter Island Sound to south
j. other: main house

16. SURROUNDINGS OF THE BUILDING (check more than one if necessary):
a. open land ☐ b. woodland ☐
c. scattered buildings ☒
d. densely built-up ☐ e. commercial ☐
f. industrial ☐ g. residential ☐
h. other: _____

17. INTERRELATIONSHIP OF BUILDING AND SURROUNDINGS:
(Indicate if building or structure is in an historic district)

This is one of the many interesting structures on the Artemus Ward summer estate, Shorewood Farms, dating from the late nineteenth and early twentieth centuries.

18. OTHER NOTABLE FEATURES OF BUILDING AND SITE (including interior features if known):

SIGNIFICANCE

19. DATE OF INITIAL CONSTRUCTION: before 1916, c. 1905

ARCHITECT: _____

BUILDER: _____

20. HISTORICAL AND ARCHITECTURAL IMPORTANCE:

Poured concrete, round water tower supported on arches a la Newport stone tower. Parapet on top.

21. SOURCES: Belcher-Hyde, E., Atlas of Suffolk County, south side, ocean shore, Vol. II, pl. 16, 1916.
Interview: Mrs. Jean Garr Gangle, owner, Shorewood Farms, April 15, 1978.

22. THEME:

BUILDING-STRUCTURE INVENTORY FORM

DIVISION FOR HISTORIC PRESERVATION
NEW YORK STATE PARKS AND RECREATION
ALBANY, NEW YORK (518) 474-0479

FOR OFFICE USE ONLY
UNIQUE SITE NO. 103-07-0229-D11
QUAD
SERIES
NEG. NO.

YOUR NAME: Ellen Cole/ SPLIA DATE: April 28, 1978
YOUR ADDRESS: 93 North Country Rd. Setauket, N.Y. 11733 TELEPHONE: 516 941-9444

ORGANIZATION (if any): Shelter Island Historical Society

* *

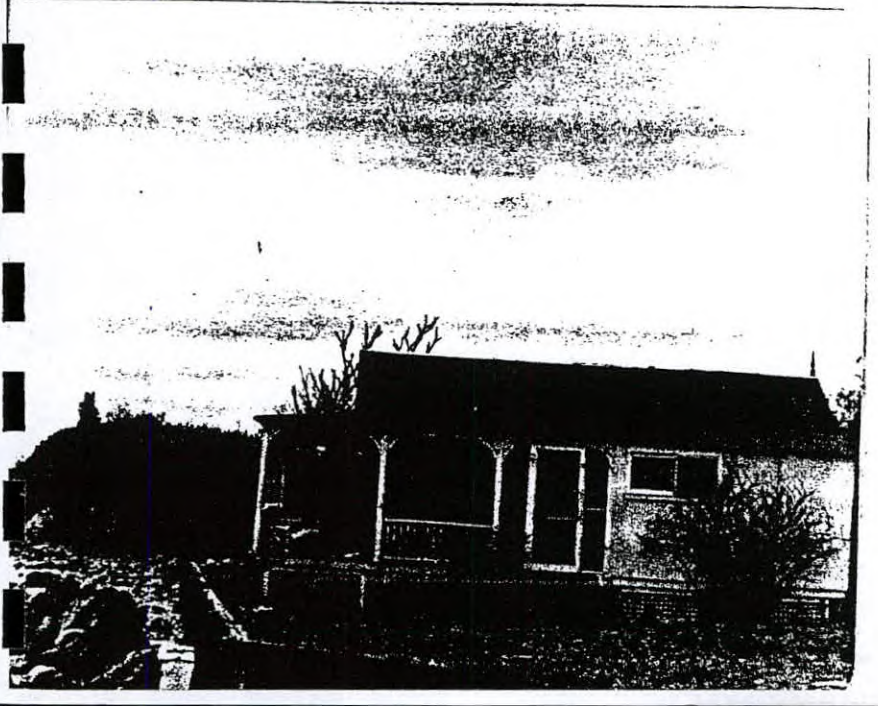
IDENTIFICATION

1. BUILDING NAME(S): ARTEMUS WARD ESTATE : BATH HOUSE ~~Shorewood Drive~~
2. COUNTY: Suffolk TOWN/CITY Shelter Island VILLAGE:
3. STREET LOCATION: Shorewood Dr; South side; West of Osprey Rd. ~~Shorewood Drive~~
4. OWNERSHIP: a. public ☐ b. private ☒
5. PRESENT OWNER: Jean Garr Gangle ADDRESS: Shorewood Farms, Shelter Island
6. USE: Original: beach house Present: cottage
7. ACCESSIBILITY TO PUBLIC: Exterior visible from public road: Yes ☒ No ☐
   Interior accessible: Explain by appointment

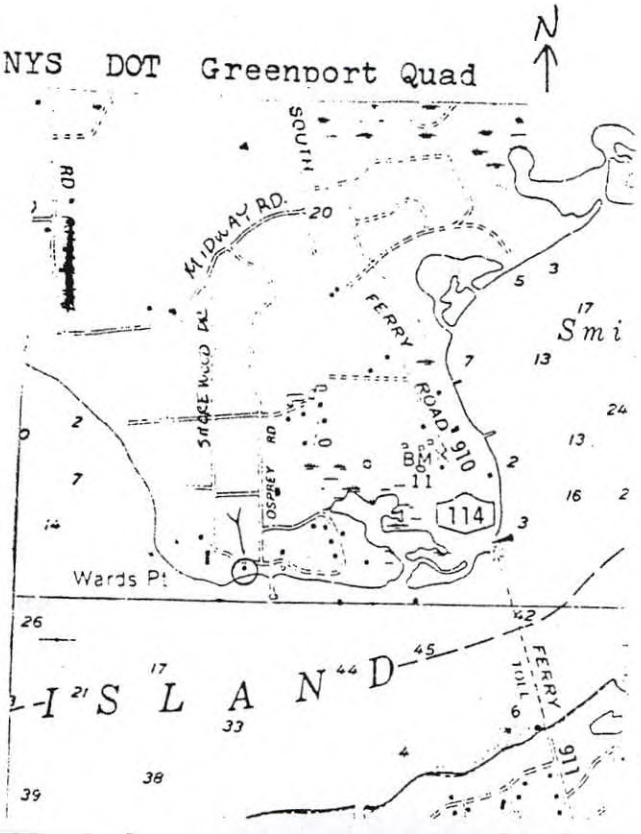
DESCRIPTION

8. BUILDING MATERIAL: a. clapboard ☐ b. stone ☐ c. brick ☐ d. board and batten ☒
   e. cobblestone ☐ f. shingles ☐ g. stucco ☐ other:
9. STRUCTURAL SYSTEM: (if known)
   a. wood frame with interlocking joints ☐
   b. wood frame with light members ☒
   c. masonry load bearing walls ☐
   d. metal (explain)
   e. other
10. CONDITION: a. excellent ☐ b. good ☒ c. fair ☐ d. deteriorated ☐
11. INTEGRITY: a. original site ☒ b. moved ☐ if so, when?
    c. list major alterations and dates (if known):

12. PHOTO: ELC I, #15A
from E, east side



13. MAP: NYS DOT Greenport Quad



14. THREATS TO BUILDING: a. none known ☐ b. zoning ☐ c. roads ☐
d. developers ☐ e. deterioration ☐
f. other: _____

15. RELATED OUTBUILDINGS AND PROPERTY:
a. barn ☐ b. carriage house ☐ c. garage ☐
d. privy ☐ e. shed ☐ f. greenhouse ☐
g. shop ☐ h. gardens ☒
i. landscape features: Shelter Island Sound
j. other: beach. Main House

16. SURROUNDINGS OF THE BUILDING (check more than one if necessary):
a. open land ☐ b. woodland ☐
c. scattered buildings ☒
d. densely built-up ☐ e. commercial ☐
f. industrial ☐ g. residential ☐
h. other: water

17. INTERRELATIONSHIP OF BUILDING AND SURROUNDINGS:
(Indicate if building or structure is in an historic district)

This is one of the structures which make up the Artemus Ward Farm and summer estate. See forms SI 31-42.

18. OTHER NOTABLE FEATURES OF BUILDING AND SITE (including interior features if known):

SIGNIFICANCE

19. DATE OF INITIAL CONSTRUCTION: c. 1892 or before

ARCHITECT: _____

BUILDER: _____

20. HISTORICAL AND ARCHITECTURAL IMPORTANCE:

Small Victorian, board and batten beach house with original porch with posts with sawn decoration, and lattice work. Finials on north and south peaks.

21. SOURCES: Interview: Mrs. Jean Garr Gangle, owner of Shorewood Farms, April 15, 1978.
Belcher-Hyde E., Atlas of Suffolk County, south side, ocean shore, Vol. II, 1916, pl. 16.

22. THEME:

BUILDING-STRUCTURE INVENTORY FORM

DIVISION FOR HISTORIC PRESERVATION
NEW YORK STATE PARKS AND RECREATION
ALBANY, NEW YORK (518) 474-0479

FOR OFFICE USE ONLY
UNIQUE SITE NO. 03-07-0225-D011
QUAD
SERIES
NEG. NO.

SI-40

YOUR NAME: Ellen Cole/ SPLIA DATE: April 28, 1978
YOUR ADDRESS: 93 North Country Rd. Setauket, N.y. 11733 TELEPHONE: 516 941-9444

ORGANIZATION (if any): Shelter Island Historical Society

* *

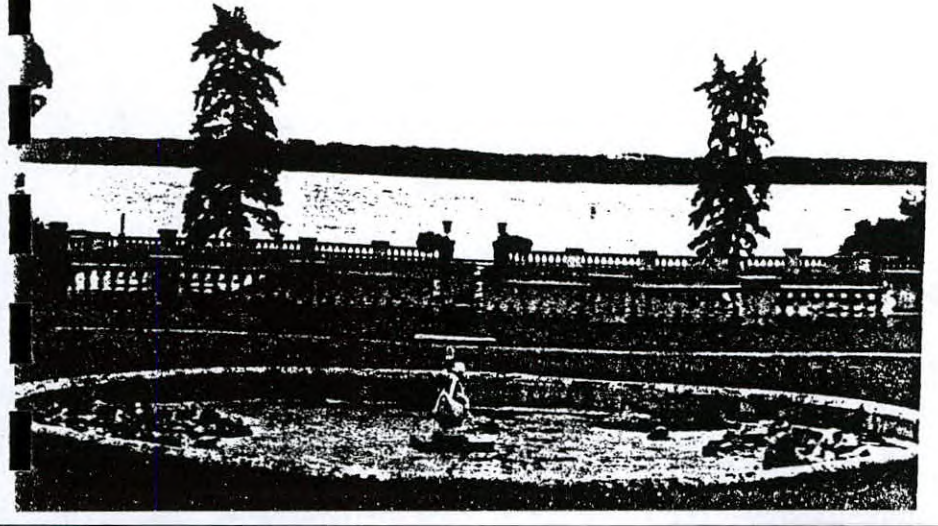
IDENTIFICATION

1. BUILDING NAME(S): ARTEMUS WARD ESTATE; GARDEN PARTERRE ~~s Ward Estate~~)
2. COUNTY: Suffolk TOWN/CITY Shelter Isl. VILLAGE:
3. STREET LOCATION: Shorewood Dr ~~ive; [illegible]; [illegible]~~ west Osprey Rd. east side of
4. OWNERSHIP: a. public ☐ b. private ☒
5. PRESENT OWNER: Jean Garr Gangle ADDRESS: Shorewood Farms, Shelter Islan
6. USE: Original: formal garden Present: same
7. ACCESSIBILITY TO PUBLIC: Exterior visible from public road: Yes ☐ No ☒
   Interior accessible: Explain by appointment

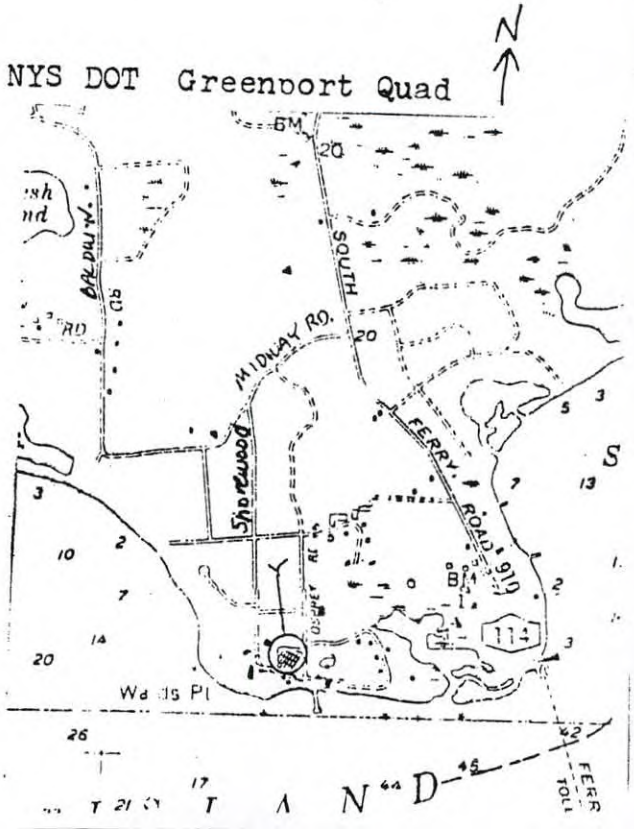
DESCRIPTION

8. BUILDING MATERIAL: a. clapboard ☐ b. stone ☐ c. brick ☐ d. board and batten ☐
   e. cobblestone ☐ f. shingles ☐ g. stucco ☐ other: poured concrete
9. STRUCTURAL SYSTEM: (if known)
   a. wood frame with interlocking joints ☐
   b. wood frame with light members ☐
   c. masonry load bearing walls ☒
   d. metal (explain)
   e. other
10. CONDITION: a. excellent ☐ b. good ☒ c. fair ☐ d. deteriorated ☐
11. INTEGRITY: a. original site ☒ b. moved ☐ if so,when?
    c. list major alterations and dates (if known):

12. PHOTO: ELC I, #16A
from N, overlooking S.I.Sound



13. MAP: NYS DOT Greenport Quad



14. THREATS TO BUILDING: a. none known ☒ b. zoning ☐ c. roads ☐
d. developers ☐ e. deterioration ☐
f. other: _____

15. RELATED OUTBUILDINGS AND PROPERTY:
a. barn ☐ b. carriage house ☐ c. garage ☐
d. privy ☐ e. shed ☐ f. greenhouse ☐
g. shop ☐ h. gardens ☒
i. landscape features: overlooks Shelter Island Sound
j. other: main house, tennis courts, potting shed

16. SURROUNDINGS OF THE BUILDING (check more than one if necessary):
a. open land ☐ b. woodland ☐
c. scattered buildings ☒
d. densely built-up ☐ e. commercial ☐
f. industrial ☐ g. residential ☐
h. other: water

17. INTERRELATIONSHIP OF BUILDING AND SURROUNDINGS:
(Indicate if building or structure is in an historic district)

This is the formal garden built at the turn of the century by Artemus Ward. See forms SI 31-42.

18. OTHER NOTABLE FEATURES OF BUILDING AND SITE (including interior features if known):

Poured concrete potting shed, now unused at back of this garden, below the level of the land, as this is constructed on a gentle slope.

SIGNIFICANCE

19. DATE OF INITIAL CONSTRUCTION: after 1892, c. 1905

ARCHITECT: _____

BUILDER: _____

20. HISTORICAL AND ARCHITECTURAL IMPORTANCE:

Garden parterre with concrete wall with arched panels, two rows of balustrades, a circular founatin and pool on one level and two small rectangular pools on the lower level.

21. SOURCES: Belcher-Hyde, E., Atlas of Suffolk County, south side, ocean shore, Vol. II, pl. 16, 1916.
Interview: Mrs. Jean Garr Gangle, present owner, April 15, 1978.

22. THEME:

NEW YORK STATE PREHISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

For Office Use Only--Site Identifier A10307-000724

Date 5-16-01

Project Identifier

Your Name Alfred Cammisa Phone (631) 224 4212

Address P O Box 2916
North Babylon NY
Zip 11703

Organization (if any) TRACKER- Archaeology Services

1. Site Identifier(s) Bitther 2 Site
2. County Suffolk One of following: City
Township Shelter Island
Incorporated Village
Unincorporated Village or
Hamlet

3. Present Owner H.O.C. Investments
Address Loudonville NY
12 Stafford St
Zip 12211

4. Site Description (check all appropriate categories):

Site
- __ Stray find
- __ Pictograph
- __ Burial
- ✓ Surface evidence
- __ Material below plow zone
- __ Single component
- __ Cave/Rockshelter
- __ Quarry
- __ Shell midden
- ✓ Camp
- ✓ Buried evidence
- __ Evidence of features
- __ Multicomponent
- __ Workshop
- __ Mound
- __ Village
- ✓ Material in plow zone
- __ Intact occupation fl
- __ Stratified

Location
- __ Under cultivation
- __ Pastureland
- ✓ Upland
- __ Never cultivated
- __ Woodland
- ✓ Previously cultivate
- __ Floodplain
- __ Sustaining erosion

Soil Drainage: excellent __ good ✓ fair __ poor __
Slope: flat __ gentle ✓ moderate __ steep __
Distance to nearest water from site (approx.) on Shelter Island Sound + West Neck Bo
Elevation: 26' above msl to southwest

5. Site Investigation (append additional sheets, if necessary):

Surface date(s) 7-31-00 to 8-18-00
__ Site Map (Submit with form*)
__ Collection

Subsurface--date(s) 7-31-00 to 8-18-00
Testing: shovel ✓ coring __ other ( ) unit size 30cm
no. of units 206 (Submit plan of units with form*)

Excavation: unit size — no. of units
(Submit plan of units with form*)

* Submission should be 8½"x11", if feasible

Investigator Alfred Cammisa

Manuscript or published report(s) (reference fully):
- Phase I Archaeological Investigations for a proposed subdivision at Wards Point, Shelter Island, Suffolk County, New York

Present repository of materials TRACKER

6. Component(s) (cultural affiliation/dates):

na

7 List of material remains (be as specific as possible in identifying object and material):

debitage
FCR

If historic materials are evident, check here and fill out historic site form. __

8. Map References: Map or maps showing exact location and extent of site must accompany this form and must be identified by source and date. Keep this submission to 8½"x11" if possible.

USGS 7½ Minute Series Quad. Name Greenport NY

For Office Use Only__UTM Coordinates _____

9. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print(s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.