

**REPORT ON ARCHEOLOGICAL INVESTIGATIONS CONDUCTED FOR THE
INSTALLATION OF A PARKING LOT AT GREAT MAHO BAY, VIRGIN
ISLANDS NATIONAL PARK**



By

J. Lauran Riser, Ken S. Wild and Michal F. Wigal

Contributors

Katie Fuller, Holly Norton, Kelsi Lindquist, McKenna Garcia, Ed Garcia
Kathryn Lamzik Jennifer Roberts and Susanna Pershern

VIIS Accession Number: 274

Virgin Islands National Park
1300 Cruz Bay Creek
St. John, VI 00830

2009

MANAGEMENT SUMMARY

The proposal for a parking lot at Great Maho Bay is recommended by the Virgin Islands National Park to stop vegetation removal for car parking areas along the main road. This will prevent further shoreline erosion and allow for the reclamation of those areas that have been illegally cleared for parking. The area at Great Maho Bay currently belongs to the Trust for Public Lands (TPL), for land transfer purposes to the National Park Service. The land was archeologically surveyed in order to locate and assess any cultural resources present, so that the parking lot would not impact the integrity of any resources.

With the introduction of the public into this area it is recommended that the remains of the historic bake oven be stabilized to prevent damage that may result from increased visitation. The parking should be designed to avoid possible damage to the bake oven by the introduced vehicular traffic. In order to preserve the site's integrity for future generations as well as preserving the stratigraphy of the soils that hold the prehistoric and historic record, a layer of filter fabric cloth must be placed over the ground surface, followed by an appropriate layer of sand that will prevent any intrusion into the archeological record by the coarser materials that will be used to surface the parking lot. Since the archeological record extends from the immediate surface down extreme care should be given to preserving this resource. This is particularly important when preparing the grounds for the parking lot as tree removal, establishing a level grade and heavy equipment use has the potential to seriously impact the site. Therefore, all site preparation work must be monitored by an archaeologist to prevent any adverse impacts.

TABLE OF CONTENTS

MANAGEMENT SUMMARY	ii
LIST OF FIGURES	iii
I. INTRODUCTION	1
HISTORIC BACKGROUND	2
II. METHODOLOGY	4
FIELD METHODS	4
LABORATORY ANALYSIS AND CONSERVATION	7
III. INVESTIGATIONS	7
INTRODUCTION AND RESULTS	7
SITE STRATIGRAPHY	10
IV. CONCLUSIONS	11
REFERENCES CITED	13
APPENDIX 1	14

LISTOF FIGURES

Figure		Page
1	Aerial of St. John and the project area at Great Maho Bay.....	1
2	Oxholm's 1780 map depicting the Maho Estate.....	3
3	Maho Bay base map.....	6
4	Photograph of a decorated 19 th century pipe bowl from ST#3 by volunteer Kelsi Lindquist.....	8
5	Photograph- side A of a decorated 19 th century pipe bowl from ST#9.....	9
6	Photograph- side B of a decorated 19 th century pipe bowl from ST#9.....	10
7	Photograph of the North wall of Shovel test pit 10 depicting site stratigraphy...	11

I. INTRODUCTION

Archeological investigations were conducted at Maho Bay for a proposed parking lot between 27 June 2008 and 5 August 2008. Additional testing at this site was carried out between 2 December and 19th December 2008. A gravel parking lot will be established in order to prevent parking along the beach side of the street. This will eliminate vegetation removal and stop the beach erosion process at Great Maho Bay. Figure 1 depicts a map of St. John and the project area at Maho Bay.



Figure 1. Aerial of St. John and the project area at Great Maho Bay.

From June 27 to August 5, 2008 Ken S. Wild, Katie Fuller and Holly Norton and three volunteers; Kelsi Lindquist, McKenna, and Ed Garcia, conducted the initial archeological testing at Great Maho Bay at the site of the proposed parking lot. From December 2 to December 19, 2008, Lauran Riser and Mick Wigal continued with the investigations and completed the archeological testing at Maho Bay. In January 2009, Lauran Riser completed the analysis of all materials recovered. The total number of artifacts recovered is 470. The project resulted in the identification of prehistoric occupation and an eighteenth, nineteenth, and twentieth century historic occupation of the site area. Visible structural elements on the site of the proposed parking lot are limited to the remains of an eighteenth century brick bake oven and a modern trailer home.

HISTORIC BACKGROUND

The history of the site area at Maho Bay has not been fully investigated in the archives and it is recommended that this research be completed, however for these report purposes some information about the site and ownership has come forward. The parking area at Great Maho Bay falls within the Maho Bay Plantation boundaries that were very possibly established as early as 1718. One of the first owners of the plantation appears to be Lucas Van Bec. This information appears on a 1728 Danish landlist of the island that states that the estate was sold to a “Willem Vessup” by Bec and that the plantation was 4,040 feet long by 3,200 feet wide. These dimensions are quite large and indicate that this was one of the largest estates, if not the largest plantation on the island, besides the Danish West India Company’s plantation in Coral Bay. In 2007, Danish researchers Jonas M. Pedersen and Laura Thatt discovered in the Danish archives that William Vessup had committed a murder and had left this property for the British Virgin Islands to avoid capture prior to the 1733 slave revolt. There was also evidence that Vessup may have contacted the revolting slaves to sell them arms at Maho. Unfortunately, this information was only verbally reported to Ken Wild and not included in their report since it was outside of their research focus of Lameshur Bay. On Oxholm’s 1780 map of St. John (Figure 2) the owner at this time is a R. or P. Wood.



Figure 2. Oxholm's 1780 map depicting the Maho Estate

Oxholm's 1800 map of the island does not record an owner or plantation name. The historic structure that is on the edge of the road at the eastern end of the bay, just across the street from the proposed parking area appears in both of Oxholm's 1780 and 1800 maps of the island.

Over the last several years the Trust for Public Lands has endeavored to identify and locate the current owners of property in Maho Bay. The Trust conducted this research to preserve, as is, as much of this land as possible to prevent the Virgin Islands National Park from being divided in half by proposed development. In their effort they discovered that a Harvey Monroe Marsh (B. 1868 D. 1971) owned all the property in Maho Bay Estate, comprised of approximately 415 acres. He left the property to his 11

grandchildren in an undivided estate. His 8 children; Argist Marsh, Arnett Marsh, I.O.I. Kean, Hallie Ortiz, Leila Adler, Irma Calijohni, Carlyle Marsh and Ouida Nelson were given life tenancy on the 415 acre property. Hallie Ortiz was given the 3.35 acre property in exchange for taking care of her ailing father, H.M. Marsh. This tract of land was one of the first properties purchased by the Trust for Public Lands and is where the parking lot will be constructed. The historic building across the street, which is on the Oxholm maps, was inhabited by Aegist Marsh until he passed away in the 1980s. The beach front property adjacent to the Ortiz property was occupied up until recently by Leila Adler and Irma Calijohni.

II. METHODOLOGY

FIELD METHODS

The purpose of this project was to assess and locate any cultural remains that could potentially be impacted during construction and subsequent use as a parking lot. Remains of an historic brick bake oven are visible, although the southwest corner of the structure has collapsed due to a recently fallen palm tree. The site was expected to have both prehistoric and historic components and shovel test pits (STP) were strategically located to define both occupations within the proposed parking area.

The investigations began with a sketch map by Holly Norton placing the initial shovel test pits on a Grid North. Grid north is at 310°, 50° west from True North. Luran Riser also used a sketch map to help in the placement of the shovel tests excavated and all visible structural elements.

Investigations began with a surface collection covering the area of the proposed parking lot and the wetland, a swampy mangrove area behind the trailer house. Artifacts were photographed, collected, and GPS points were taken. If surface artifacts were found within 1.5 meters of each other, they were bagged together and the GPS point was taken in the middle of the artifact cluster.

All shovel tests were 50 x 50 centimeter (cm) square shovel test pits excavated in 10 cm arbitrary levels. Each STP was photographed before excavation and at the base of each level. A profile map was drawn for each shovel test pit.

During summer 2008, Holly Norton and Katie Fuller excavated the first two shovel tests; one about 4 meters northeast of the bake oven and one about 12 meters northwest of the oven. Ken S. Wild and the three volunteers excavated two additional 50x50 cm shovel test pits. They placed these two shovel test pits following the dirt driveway south toward the mobile home structure.

In December 2008, Laurant Riser and Mick Wigal continued the testing of the site area. Eight additional shovel test pits were placed near the east, north, and south walls of the historic bake oven. Two shovel test pits were placed on the east side and two on the west side of the modern dirt road that runs grid north towards Great Maho Bay. To follow up on investigation of the historic bake oven, a STP was placed three meters north of the bake oven. One STP was placed directly on top of the remnants of a possible structure and an additional one was excavated southeast of that possible archeological feature. The feature appeared to be a pile of rocks, indicating a possible fallen wall or other type of structure at the driveway entrance. To test for a prehistoric occupation, one STP was placed along the edge of the wetland/swamp area southwest of the historic bake oven. Figure 3 depicts the archaeological base map created using GPS data in ARC GIS for the Maho Bay project.

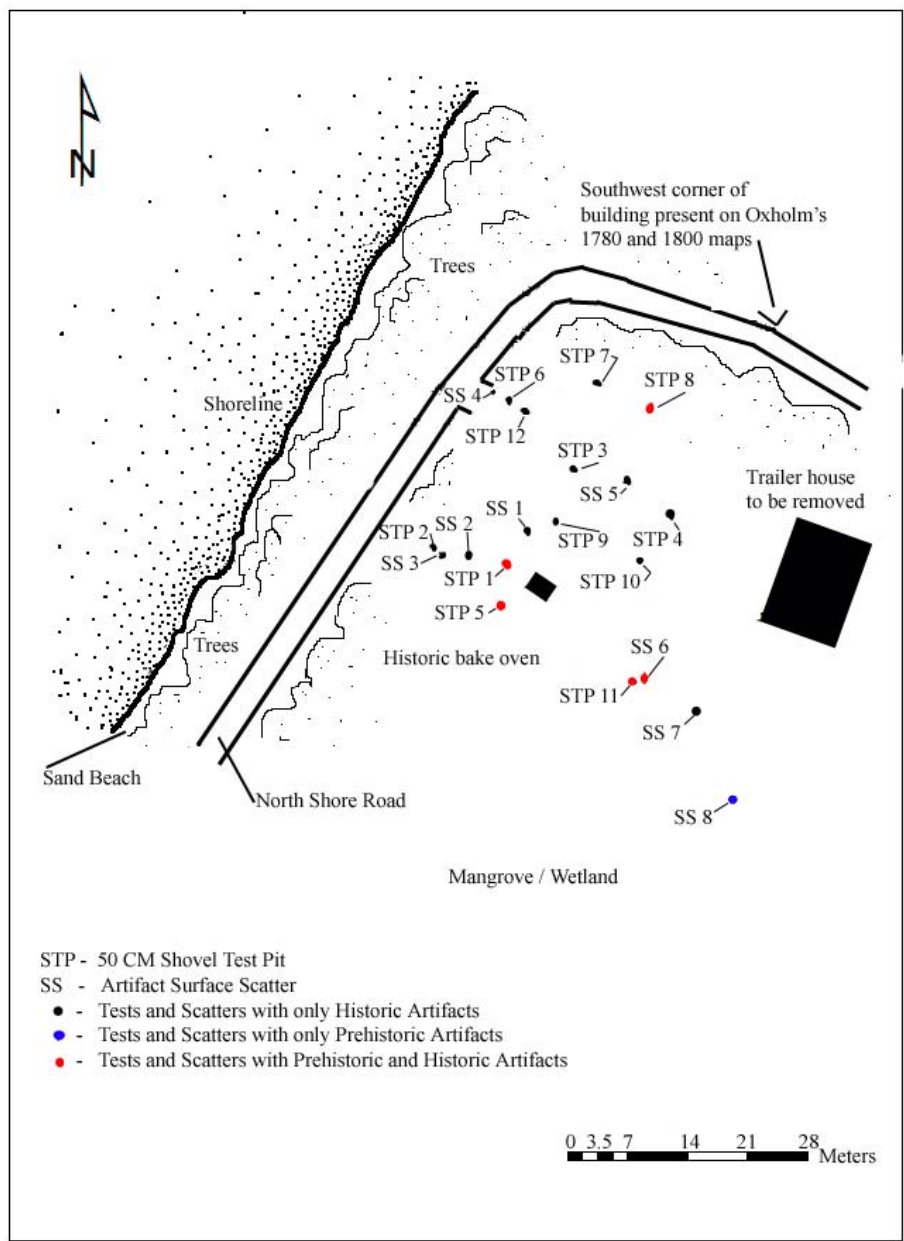


Figure 3. Maho Bay project base map.

LABORATORY ANALYSIS AND CONSERVATION

Following the completion of the field investigation, the artifacts were processed at the Cinnamon Bay archeological laboratory where they were cleaned, sorted, and re-bagged for long term storage. The accession number obtained from the park for this Maho Bay archeological project is (Acc. 274). The classification and cataloging of the artifacts followed the guidelines set forth in the *Cataloging Manual for Archeological Objects* Vols. I, II, III (National Park Service 1990) and the *Museum Handbook, Museum Records*, part II (National Park Service 1984). All artifacts were counted, weighed, and identified. Modern materials or materials that were not at least 50 years old or older, were counted, weighed, identified, and then discarded. Historic artifact analysis for this project was completed by Lauran Riser. Prehistoric pottery sherds were identified by Ken Wild.

All artifacts recovered from the project were entered into the Automated National Catalog System (ANCS). The artifacts to be curated were labeled with the park acronym and its assigned catalog number in archival indelible ink where no decoration occurs, eg. VIIS-5678. If the artifact was too fragile or small to be labeled, the specific information was recorded on the bag within which the artifacts are placed and on an acid free tag within the bag. These artifacts are stored in the climate controlled Bally Building located at the offices of the Virgin Islands National Park's biosphere center.

III. INVESTIGATIONS

INTRODUCTION AND RESULTS

The investigation of the proposed parking lot area at Great Maho Bay consisted of Phase I surface collection and Phase II shovel testing. The ground surface collection carried out by Lauran Riser and Mick Wigal yielded a prehistoric pot sherd, some nineteenth century artifacts such as ceramics, pipe stems, and glass, mixed with twentieth century glass and ceramics with modern trash from the beach (See Appendix 1 for artifact dates).

STP 1 placed northeast of the brick bake oven, yielded hand-built, prehistoric pot sherds, whiteware, lead glazed earthenware, porcelain, glass, pipe stems, discarded mortar, coral fragments, brick fragments, and shells. STP 2 was located 8 meters north of STP 1. STP 2 yielded only historic artifacts consisting of creamware, whiteware, ferrous metal, a pipestem, clear and olive green bottle glass fragments, discarded brick fragments, and mortar. STP 3 was placed on the modern driveway, 14 meters east of STP 1. STP 3 yielded only historic artifacts consisting of nails, a 19th century molded, decorated pipe bowl, flat glass, clear and green bottle glass fragments, charcoal, discarded brick fragments, stoneware, creamware, redware, and shell fragments. The date for the decorated clay pipe bowl was determined to be from the 19th century because the stem bore diameter is smaller and consistent with bore diameter measurements of 19th century pipe bowls. J.C. Harrington (1978) determined that earlier pipe stems have relatively

larger holes, while the bore diameters in later pipes are much smaller. Figure 4 depicts the molded, basket decorated pipe bowl recovered from STP 3.



Figure 4. Molded, decorated 19th century pipe bowl recovered from STP 3 by volunteer Kelsi Lindquist .

STP 4 was placed 13 meters south of STP 3. Artifacts from STP 4 consisted of whiteware, creamware, a wire nail, milkglass, brown lead glazed earthenware, mochaware, clear bottle glass fragments, charcoal fragments, and discarded brick and mortar fragments. STP 5 was placed 4.5 meters west of STP 1. STP 5 yielded 2 prehistoric pot sherds, charcoal, brick and mortar, ferrous metal, feather edged creamware, porcelain, slipware, lead-glazed coarse earthenware, olive green bottle glass, plain whiteware, and sponged whiteware. STP 6 was placed .5 meters east of Feature 1, which appeared to be a pile of stones indicating a structure or a wall. STP 6 revealed an unarticulated piling of stones with mortar and other artifacts such as creamware, nails, ferrous metal, stoneware, bottle glass, 1 hand-built, prehistoric pot sherd, 1 Danish West Indies 1913 penny, and 1 lead casting net weight. STP 7, placed three meters southeast of STP 6 yielded nails, ferrous metal, bottle glass, mortar, charcoal, 1 hand built, possible prehistoric pot sherd, a utensil handle, yellow lead glazed slipware, pearlware, sponged

whiteware, annular whiteware, plain whiteware, and hand painted green whiteware. STP 8 was placed 6 meters southwest of STP 7 to continue testing the area east of the modern driveway. STP 8 yielded a hand built, prehistoric pot sherd, ferrous metal, bone, brick and mortar, bottle glass, plain whiteware, plain porcelain, lead glazed coarse earthenware, and hand painted blue on white porcelain. STP 9 was placed on the west side of the modern driveway 6 meters southeast of STP 1. STP 9 yielded brick, mortar, kaolin clay tobacco pipe stems, a button, a 19th century molded decorated kaolin clay tobacco pipe bowl, ferrous metal, bottle glass, metal shoe rivets, hand painted polychrome pearlware, plain creamware, delft, plain porcelain, yellow slipware, plain whiteware, plain pearlware, and shells.



Figure 5. Photograph of Side A depicting a hand on a molded decorated 19th century pipe bowl recovered from STP 9.



Figure 6. Photograph of Side B depicting a hatched heart on a molded decorated 19th century pipe bowl recovered from STP 9.

STP 10 was placed 4 meters southeast of STP 9. Artifacts were only recovered from the first 10-centimeter level in STP 10. These artifacts consisted of a kaolin clay tobacco pipe stem, nails, brick and mortar, bottle glass, and brown lead glazed coarse earthenware. STP 11 was placed in the swampy area west of the modern driveway near the surface find that yielded the prehistoric pot sherd. STP 11 yielded very little historic artifacts, mostly prehistoric pot sherds. Brick, glass, and charcoal were the only historic artifacts recovered in STP 11. STP 12 was placed directly on top of the unarticulated stone pile (Feature 1). Excavation of this unit was abandoned due to lack of artifacts recovered and articulation of the stones. Feature 1 in STP 12 yielded only clear bottle glass and a nail fragment. For a complete listing of artifacts recovered from this project, see Addendum 1.

SITE STRATIGRAPHY

Soil stratigraphy at the site consisted of a 20-40 centimeter dark gray silty sand denoting the historic strata. This historic strata begins at the surface. The strata is followed by a 40-80 cm yellowish brown to pale yellow silty sand denoting the prehistoric strata. Some prehistoric pot sherds were recovered in the historic strata; however most were recovered between 40-80 cm below the surface datum. Figure 8, (STP 10) depicts the typical stratigraphy as found throughout the area investigated.

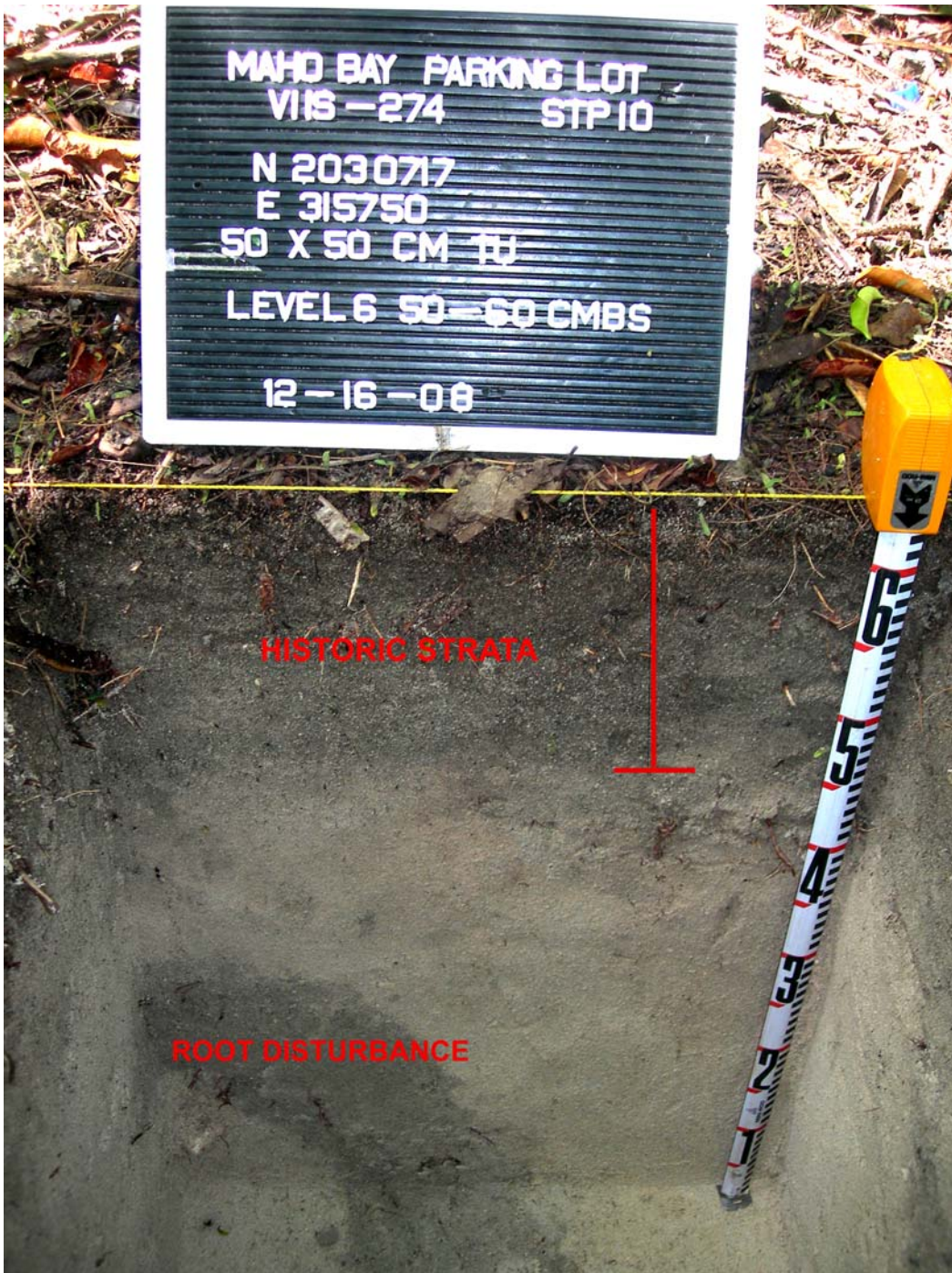


Figure 7. Photograph of the North wall of STP 10 showing typical site stratigraphy.

IV. CONCLUSIONS

Archaeological testing for the parking lot at Great Maho Bay revealed a broad historic occupation period. This chronology was defined in the surface reconnaissance, remaining structural features, and shovel testing, which revealed historic artifacts dating from the

eighteenth century until the mid twentieth century. An additional structural element besides the bake oven was discovered to the east of the modern driveway. This feature (Feature 1) is an unarticulated piling of stones and mortar and is indicative of some type of historic structure. The tested area also revealed a prehistoric occupation as defined by typical hand-built pottery sherds. The prehistoric sherds were plain, undecorated and only indicate an occupation post dating AD 900. The majority of the prehistoric sherds were recovered around the wetland area in STP 11 (Figure 3). Prehistoric sherds were recovered from two surface scatters (SS) #6 and #8 that are located near the wetland. Prehistoric materials were also recovered in the historic strata of some shovel test pits (see Appendix 1).

The proposed parking lot will cover prehistoric and historic strata and Feature 1, but will not adversely impact these resources if the installation of the parking is constructed as recommended in the management summary of this report.

REFERENCES CITED

Harrington, J.C.

1978 Dating Stem Fragments of Seventeenth and Eighteenth Century Clay Tobacco Pipes. Chapter 15 In *Historical Archeology: A Guide to Substantive and Theoretical Contributions*. Robert L. Schuyler, ed. Pp. 63-65. Baywood Publishing Company, Inc., New York.

National Park Service

1984 *Museum Handbook, Museum Records*, Part II. U.S. Department of the Interior, Washington, D.C.

1990 *Cataloging Manual for Archeological Objects*, Vols. I, II, and III. Southeast Archeological Center, Tallahassee, Fl.

APPENDIX 1. LIST OF ARTIFACTS

Within Site	Object, Object(NOM)	Key Descript	Description	Manufact. Date	Catalog #
STP#1 Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware	Red Banded Whiteware	1828-1840	VIIS 44759
STP#1 Level 1, (0-10cmbs)	CHARCOAL	Charcoal	Charcoal		VIIS 44760
STP#1 Level 1, (0-10cmbs)	VESSEL FRAGMENT	Slipware	Yellow lead glazed slipware	1670-1795	VIIS 44761
STP#1 Level 1, (0-10cmbs)	VESSEL FRAGMENT	Ferrous metal fragment	Ferrous metal vessel fragment with handle		VIIS 44762
STP# 1, Level 2, (10-20cmbs)	Pipe Bowl		Kaolin clay pipe bowl fragment	19 th Century	VIIS 44763
STP# 1, Level 2, (10-20cmbs)	VESSEL FRAGMENT	Porcelain	American plain white porcelain	1769-present	VIIS 44764
STP# 1, Level 2, (10-20cmbs)	VESSEL FRAGMENT	Glass	Dark Green		VIIS 44765
STP# 1, Level 2, (10-20cmbs)	CHARCOAL		Charcoal fragments		VIIS 44766
STP# 1, Level 2, (10-20cmbs)	VESSEL FRAGMENT	Rim sherd	Brown Lead glazed coarse earthenware	1490-1900	VIIS 44767
STP#1, Level 3 (30-40cmbs)	CHARCOAL		Charcoal fragments		VIIS 44768
STP#1, Level 3 (30-40cmbs)	VESSEL FRAGMENT	Handbuilt pot sherds	Handbuilt pot sherds		VIIS 44769
STP#2, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Decal decorated Whiteware	Whiteware, decal decorated	1820-1988	VIIS 44770
STP#2, Level 1, (0-10cmbs)	BOTTLE FRAGMENT		Colorless bottle glass fragments		VIIS 44771
STP#2, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Creamware	Creamware vessel fragment	1762-1820	VIIS 44772
STP#2, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware	Handpainted polychrome whiteware body fragment	1825-1860	VIIS 44773
STP#2, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware, red banded rim sherd	Whiteware, red painted banded rim sherd	1828-1840	VIIS 44774
STP#2, Level 1, (0-10cmbs)	UID METAL		Unidentified ferrous metal fragments		VIIS 44775
STP#2, Level 2, (10-20cmbs)	BOTTLE FRAGMENT		Green wine bottle glass fragment		VIIS 44776
STP#2, Level 3, (20-30cmbs)	VESSEL FRAGMENT	Whiteware	Undecorated whiteware vessel fragment	1815-present	VIIS 44777
STP#2, Level 3, (20-30cmbs)	PIPE FRAGMENT	Pipe stem	Kaolin clay tobacco pipe stem fragment	19 th Century	VIIS 44778
STP#3, Level 1, (0-10cmbs)	Pipe Bowl		Kaolin clay pipe bowl-molded decoration	19 th Century	VIIS 44779
STP#3, Level 1, (0-10cmbs)	NAIL		wrought nail fragment		VIIS 44780
STP#3, Level 1, (0-10cmbs)	Unidentified	Flat glass	colorless flat glass	Post 1917	VIIS 44781
STP#3, Level 1, (0-10cmbs)	BOTTLE FRAGMENT		unidentified glass fragment, probably bottle glass		VIIS 44782
STP#3, Level 1, (0-10cmbs)	Unidentified	Flat glass	Aqua flat glass	Pre 1920	VIIS 44783

STP#3, Level 1, (0-10cmbs)	CHARCOAL		Charcoal sample		VIIS 44784
STP#3, Level 1, (0-10cmbs)	BOTTLE FRAGMENT		Gin case bottle glass fragment	1730-1870	VIIS 44785
STP#3, Level 1, (0-10cmbs)	Earthenware Fragment	Lead Glaze	Lead Glazed Earthenware- 19th century ink bottle (?)	19th Century	VIIS 44786
STP#3, Level 2 (10-20cmbs)	STONE	Ferruginous red sandstone	Ferruginous red sandstone fragment		VIIS 44787
STP#3, Level 2 (10-20cmbs)	SHELL FRAGMENT	Smooth edged jewel box	Smooth edged jewel box shell (chama sinuosa)		VIIS 44788
STP#3, Level 2 (10-20cmbs)	CHARCOAL		Charcoal sample		VIIS 44789
STP#3, Level 2 (10-20cmbs)	NAIL	Nail Fragments	Ferrous metal nail fragments - square head		VIIS 44790
STP#3, Level 3, (20-30cmbs)	VESSEL FRAGMENT	Creamware	Undecorated Creamware vessel fragment (1762-1820)	1762-1820	VIIS 44791
STP#3, Level 3, (20-30cmbs)	CHARCOAL		Charcoal sample		VIIS 44792
STP#3, Level 3, (20-30cmbs)	SHELL FRAGMENT	Whelk	West Indian Topshell Whelk (Citarium Pica)		VIIS 44793
STP#3, Level 4, (30-95cmbs)	Unidentified	Colorless glass	Colorless flat glass fragments		VIIS 44794
STP#3, Level 4, (30-95cmbs)	SHELL FRAGMENT	Whelk	Whole West Indian Topshell Whelk (Citarium Pica)		VIIS 44795
STP#3, Level 4, (30-95cmbs)	CHARCOAL		Charcoal sample		VIIS 44796
STP# 4, Level 1, (0-10cmbs)	BOTTLE FRAGMENT		Dark green vessel glass		VIIS 44797
STP# 4, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Creamware	Undecorated creamware fragment (1762-1820)	1762-1820	VIIS 44798
STP# 4, Level 1, (0-10cmbs)	CHARCOAL		Charcoal Sample		VIIS 44799
STP# 4, Level 1, (0-10cmbs)	GLASS BOTTLE FRAGMENT	Milk Glass	Milk glass fragment	19th Century	VIIS 44800
STP# 4, Level 1, (0-10cmbs)	NAIL		Ferrous metal nail		VIIS 44801
STP# 4, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware	Whiteware- pink glaze (1815-present)	1815	VIIS 44802
STP# 4, Level 1, (0-10cmbs)	SHELL FRAGMENT		Smooth edged jewel box shell (chama sinuosa)		VIIS 44803
STP# 4, Level 1, (0-10cmbs)	BOTTLE FRAGMENT		Colorless glass fragment	Post 1917	VIIS 44804
STP# 4, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Transfer print Whiteware	Transfer Print Whiteware, Lavender floral pattern (1828-1900)	1828-1900	VIIS 44805
STP# 4, Level 2, (10-20cmbs)	TILE	Roofing Tile	Terra Cotta roofing tile		VIIS 44806
STP# 4, Level 2, (10-20cmbs)	Earthenware Fragment	Coarse Earthenware	El Morro Lead Glazed Coarse Earthenware (1550-1825)	1550-1825	VIIS 44807
STP# 4, Level 2, (10-20cmbs)	VESSEL FRAGMENT	Slipware	Yellow lead glazed combed or trailed slipware (1670-1795)	1670-1795	VIIS 44808

STP# 4, Level 3, (20-30cmts)	VESSEL FRAGMENT	Creamware	Undecorated Creamware (1762-1820)	1762-1820	VIIS 44809
STP# 4, Level 3, (20-30cmts)	Earthenware Fragment	Coarse Earthenware	El Morro Lead Glazed Coarse Earthenware (1550-1825)	1550-1825	VIIS 44810
STP#4, Level 4, (30-60cmts)	SHELL FRAGMENT		Carved star shell (Astraea caelata)		VIIS 44811
Surface Collection #1	Unidentified	Possible porcelain figurine	Porcelain "Knick-Knack" (figurine)		VIIS 44812
Surface Collection #1	PIPE FRAGMENT	Pipe Stems	Kaolin clay pipe stems- Bore measurements: 2 measure 1/16", 2 measure 5/64", and 1 measures 3/32".		VIIS 44813
Surface Collection #1	PIPE FRAGMENT	Pipe Bowl	Kaolin clay pipe bowl fragment		VIIS 44814
Surface Collection #1	BUTTON		Mother-of-pearl 2 hole button	19th Century	VIIS 44815
Surface Collection #1	NAIL		Ferrous nail, probably a cut nail		VIIS 44816
Surface Collection #1	VESSEL FRAGMENT	Whiteware	Whiteware, hand painted polychrome (1825-1860)	1825-1860	VIIS 44817
Surface Collection #1	VESSEL FRAGMENT	Pearlware	Pearlware, undecorated (1 could be transition whiteware) (1780-1830)	1780-1830	VIIS 44818
Surface Collection #1	VESSEL FRAGMENT	Porcelain	Porcelain, American (1769-present)	1796	VIIS 44819
Surface Collection #1	VESSEL FRAGMENT	Stoneware	Stoneware, Nottingham? (1683-1810)	1683-1810	VIIS 44820
Surface Collection #1	VESSEL FRAGMENT	Whiteware	Whiteware, undecorated (1815-present) 1 rim fragment	1815	VIIS 44821
Surface Collection #1	VESSEL FRAGMENT	Creamware	Creamware, undecorated (1762-1830) 2 rim fragments	1762-1830	VIIS 44822
Surface Collection #1	BOTTLE FRAGMENT		Olive green bottle (case bottle) body fragments		VIIS 44823
Surface Collection #1	VESSEL FRAGMENT	Slipware	Slipware, "cat-eye" (1670-1795)	1670-1795	VIIS 44824
Surface Collection #1	BOTTLE FRAGMENT		Aqua glass bottle fragments	Pre-1920	VIIS 44825
Surface Collection #2	BOTTLE FRAGMENT		Olive green bottle glass fragments		VIIS 44826
Surface Collection #2	BOTTLE FRAGMENT	Stoneware	Salt-glazed stoneware, ale bottle fragment (1860s)	1860s	VIIS 44827
Surface Collection #2	VESSEL FRAGMENT	Whiteware	Whiteware, sponged/banded (1830-1865)	1830-1865	VIIS 44828
Surface Collection #3	VESSEL FRAGMENT	Earthenware	Bown, lead glazed coarse earthenware (1490-1900)	1490-1900	VIIS 44829

Surface Collection #3	BOTTLE FRAGMENT		Light olive green bottle base, glass vessel fragment		VIIS 44830
Surface, Found in Brick Oven	BOTTLE FRAGMENT		Hand Blown large olive green bottle base, found in brick oven	1700-1860	VIIS 44831
Surface Find #5	VESSEL FRAGMENT	Whiteware	Whiteware, modern. Fragment is burnt	Modern 20th Century	VIIS 44832
Surface Collection #6	SHERD	Handbuilt	Handbuilt potsherd	Pre-1492	VIIS 44833
Surface Collection #6	VESSEL FRAGMENT	Whiteware-sponged	Whiteware, cut-sponged and banded (red)	1845-1930	VIIS 44834
Surface Collection #6	VESSEL FRAGMENT	Porcelain	Porcelain, American (1769-present)	1769	VIIS 44835
Surface Collection #6	VESSEL FRAGMENT	Earthenware	Brown Lead Glazed Earthenware	1490-1900	VIIS 44836
Surface Collection #8	SHERD	Handbuilt	Handbuilt potsherd	Pre-1492	VIIS 44837
STP#5, Level 1, (0-10cmbs)	BRICK	Brick	Brick Fragments		VIIS 44838
STP#5, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Porcelain	Porcelain, American (1769-present)	1769	VIIS 44839
STP#5, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware-sponged	Whiteware, cut-sponged and banded (red & blue)	1845-1930	VIIS 44840
STP#5, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware	Whiteware, undecorated (1815-present) 1 body fragment	1815	VIIS 44841
STP#5, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Creamware	Feather edged creamware fragment (1765-1820)	1765-1820	VIIS 44842
STP #5, Level 2(10-20cmbs)	VESSEL FRAGMENT	Porcelain	Porcelain, American (1769-present)	1769	VIIS 44843
STP#5, Level 2, (10-20cmbs)	BRICK	Brick	Brick Fragments		VIIS 44844
STP#5, Level 2, (10-2-cmbs)	VESSEL FRAGMENT	Whiteware	Whiteware, transfer print, blue	1830-1992	VIIS 44845
STP#5, Level 2, (10-20cmbs)	VESSEL FRAGMENT	Iron can fragments	Iron can fragemtns		VIIS 44846
STp#5, Level 2 (10-20cmbs)	VESSEL FRAGMENT	Creamware	Creamware, undecorated (1762-1830) rim fragments	1762-1820	VIIS 44847
STp#5, Level 2 (10-20cmbs)	VESSEL FRAGMENT	Slipware, Cateye	Slipware, Cateye-eye, combed and trailed (1670-1795)	1670-1795	VIIS 44848
STP# 5, Level 2(10-20cmbs)	BOTTLE FRAGMENT		olive green wine bottle fragments		VIIS 44849
STP# 5, Level 2(10-20cmbs)	VESSEL FRAGMENT	Earthenware	Brown Lead Glazed Earthenware	1490-1900	VIIS 44850
STP#5, Level 3, (20-30cmbs)	BRICK	Brick	Brick Fragments		VIIS 44851
STP#5, Level 3, (20-30cmbs)	SHELL	C. Pica	Whelk Shell		VIIS 44852
STP#5, Level 3, (20-30cmbs)	SHERD	Handbuilt	Handbuilt sherd	Pre-1492	VIIS 44853
STP#5, Level 4, (30-40cmbs)	SHELL	C. Pica	Whelk Shell		VIIS 44854

STP#5, Level 4, (30-40cmbs)	BRICK	Brick	Brick Fragments		VIIS 44855
STP#5, Level 5, (40-50cmbs)	BRICK	Brick	Brick Fragment		VIIS 44856
STP#6, Level 1, (0-10cmbs)	NAIL	Nail Fragments	Ferrous metal nail /spike fragment		VIIS 44857
STP#6, Level 1, (0-10cmbs)	BRICK	Brick	Brick Fragment		VIIS 44858
STP#6, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware	Whiteware, hand painted polychrome	1825-1860	VIIS 44859
STP#6, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Slipware	Combed and trailed Slipware	1670-1795	VIIS 44860
STP#6, Level 1, (0-10cmbs)	METAL FRAGMENT		Ferrous metal wire fragments		VIIS 44861
STP#6, Level 1, (0-10cmbs)	NAIL	Nail Fragments	Ferrous metal nail /spike fragment		VIIS 44862
STP#6, Level 1, (0-10cmbs)	METAL FRAGMENT	Metal Can Fragment	Ferrous metal can fragment		VIIS 44863
STP#6, Level 2, (10-20cmbs)	NAIL	Nail Fragments	Ferrous metal nail /spike fragment		VIIS 44864
STP#6, Level 2, (10-20cmbs)	COIN	Danish West Indies Coin	Danish West Indies Coin, one cent, 1913	1913	VIIS 44865
STP#6, Level 2, (10-20cmbs)	VESSEL FRAGMENT	Pearlware	Pearlware, plain	1780-1830	VIIS 44866
STP#6, Level 2, (10-20cmbs)	NAIL	Nail	Wire Finishing Nail		VIIS 44868
STP#6, Level 2, (10-20cmbs)	BONE FRAGMENTS		Animal bone fragment		VIIS 44869
STP#6, Level 2, (10-20cmbs)	BRICK		Brick Fragment		VIIS 44870
STP#6, Level 3 (20-30cmbs)	VESSEL FRAGMENT	Creamware	Creamware, undecorated (1762-1830) rim fragments	1762-1820	VIIS 44871
STP#6, Level 3 (20-30cmbs)	NAIL	Nail	Nail fragments without heads		VIIS 44872
STP#6, Level 3 (20-30cmbs)	NAIL	Nail	Nail		VIIS 44873
STP#6, Level 3 (20-30cmbs)	SHELL JEWELRY		Possible prehistoric-made shell jewelry	Pre-1492	VIIS 44874
STP#6, Level 3 (20-30cmbs)	BRICK		Brick Fragment		VIIS 44875
STP#6, Level 3 (20-30cmbs)	METAL FRAGMENT	Metal Can Fragment	Ferrous metal can fragment		VIIS 44876
STP#6, Level 3 (20-30cmbs)	LEAD WEIGHT	Cast Net Fishing Weight	Cast Net Fishing Weight		VIIS 44877
STP#6, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware	Whiteware, plain	1815	VIIS 44878
STP#6, Level 4 (30-40cmbs)	NAIL		nail fragment without head		VIIS 44879
STP#6, Level 4 (30-40cmbs)	NAIL		Hand wrought nail fragment		VIIS 44880
STP#6, Level 4 (30-40cmbs)	BRICK		brick fragment		VIIS 44881
STP#6, Level 4 (30-40cmbs)	VESSEL FRAGMENT		English Stoneware, Ginger Beer and Ale bottle	1860	VIIS 44882
STP# 7, Level 1, (0-10cmbs)	VESSEL FRAGMENT	Whiteware	Whiteware, Hand painted fine line and broad line	1825-1860	VIIS 44883

Surface find #7	BOTTLE FRAGMENT	Glass	olive green bottle glass finished-hand blown applied	1800-1820	VIIS 44884
STP# 7, Level 1, (0-10dcmb)	BOTTLE	Bottle Fragment	Olive Green wine bottle glass fragment		VIIS 44885
STP# 7, Level 1, (0-10dcmb)	VESSEL FRAGMENT	Handbuilt	Handbuilt potsherd	Pre-1492	VIIS 44886
STP#7, Level 2 (10-20cmb)	VESSEL FRAGMENT	Whiteware	Transition whiteware, plain	1815	VIIS 44887
STP#7, Level 2 (10-20cmb)	VESSEL FRAGMENT	Whiteware	Whiteware, handpainted, green	1825-1860	VIIS 44888
STP#7, Level 2 (10-20cmb)	BOTTLE	Bottle Fragments	Olive Green bottle glass fragments		VIIS 44889
STP#7, Level 3 (20-30cmb)	VESSEL FRAGMENT	Whiteware	Modern, transfer print whiteware	Modern 20th Century	VIIS 44890
STP#7, Level 3 (20-30cmb)	METAL FRAGMENT		Ferrous metal fragments		VIIS 44891
STP#7, Level 3 (20-30cmb)	VESSEL FRAGMENT	Whiteware	Cut-sponged whiteware	1845-1930	VIIS 44892
STP#7, Level 3 (20-30cmb)	METAL FRAGMENT		Wheat Penny, USA	1909-1958	VIIS 44893
STP#7, Level 2 (10-20cmb)	METAL FRAGMENT		Ferrous metal wire scraps, UID		VIIS 44894
STP#7, Level 4 (30-40cmb)	VESSEL FRAGMENT	Whiteware	Sponged whiteware-holloware body fragment	1830-1865	VIIS 44897
STP#7, Level 4(30-40cmb)	METAL FRAGMENT		Ferrous metal UID-nail fragments		VIIS 44898
STP#7, Level 4(30-40cmb)	METAL FRAGMENT		Ferrous metal UID-can fragments		VIIS 44899
STP#7, Level 5 (40-50cmb)	NAIL		Ferrous metal UID-nail fragments		VIIS 44900
STP#7, Level 5 (40-50cmb)	GLASS BOTTLE BASE FRAGMENT		Olive green bottle glass fragments base with molded lettering and body fragment		VIIS 44901
STP#7, Level 2 (10-20cmb)	METAL FRAGMENT		Ferrous metal fragments		VIIS 44902
STP#7, Level 6 (50-60cmb)	VESSEL FRAGMENT	Pearlware	Pearlware, Plain	1780-1830	VIIS 44903
STP#7, Level 6 (50-60cmb)	VESSEL FRAGMENT	Slipware	Yellow Slipware	1670-1795	VIIS 44904
STP#7, Level 6 (50-60cmb)	BRICK		Brick Fragments		VIIS 44905
	SHELL FRAGMENT	Whelk	West Indian Topshell Whelk (Citarium Pica)		VIIS 44906
STP#7, Level 6	METAL FRAGMENT		Ferrous metal fragments-uid		VIIS 44907
STP#7, Level 6	HANDLE	Utensil Handle	Lead/Pewter mix utensil handle	18th Century-19th Century	VIIS 44908
	GLASS BOTTLE FRAGMENT		Olive green bottle glass fragments		VIIS 44909
STP#8 (Level 1 (0-10cmb))	GLASS BOTTLE FRAGMENT		Clear glass fragments	Post 1917	VIIS 44910
STP#8 (Level 1 (0-10cmb))	GLASS BOTTLE FRAGMENT		Olive green bottle glass fragments		VIIS 44911
STP #8 (Level 1 (0-10cmb))	SHELL FRAGMENT	Whelk	West Indian Topshell Whelk (Citarium Pica)		VIIS 44912
STP#8 (Level 1 (0-10cmb))	GLASS BOTTLE FRAGMENT		Olive green bottle glass fragment		VIIS 44913

STP#8 (Level 1 (0-10cmbs))	VESSEL FRAGMENT		Whiteware, Plain	1815-present	VIIS 44914
STP#8, Level 2 (10-20cmbs)	METAL FRAGMENT		Ferrous metal fragments-uid		VIIS 44915
STP#8, Lvel 2 (10-20cmbs)	SHERD	Handbuilt	Handbuilt potsherd	Pre-1492	VIIS 44916
STP#8, Lvel 2 (10-20cmbs)	BRICK		Brick Fragments		VIIS 44917
STP#8, Lvel 2 (10-20cmbs)	GLASS BOTTLE FRAGMENT		Olive green bottle glass fragment		VIIS 44918
STP#8, Lvel 2 (10-20cmbs)	SHELL FRAGMENT	Whelk	West Indian Topshell Whelk (Citarium Pica)		VIIS 44919
STP#8, Lvel 2 (10-20cmbs)	VESSEL FRAGMENT	Porcelain	Plain white American Porcelain	1769	VIIS 44920
STP#8, Level 2 (10-20cmbs)	NAIL		Nail fragment without head-UID		VIIS 44921
STP#8, Lvel 3 (20-30cmbs)	VESSEL FRAGMENT	Whiteware	Hand painted, banded whiteware	1825-1860	VIIS 44922
STP#8, Lvel 3 (20-30cmbs)	VESSEL FRAGMENT	Whiteware	Whiteware, plain	1815-present	VIIS 44923
STP#8, Lvel 3 (20-30cmbs)	GLASS BOTTLE FRAGMENT		Olive green bottle glass fragment		VIIS 44924
STP#8, Lvel 3 (20-30cmbs)	SHERD	Handbuilt	Handbuilt potsherd	Pre-1492	VIIS 44925
STP#8, Lvel 3 (20-30cmbs)	BRICK		Brick Fragments		VIIS 44926
STP#8, Lvel 3 (20-30cmbs)	VESSEL FRAGMENT	Creamware	Undecorated Creamware	1762-1820	VIIS 44927
STP#8, Lvel 3 (20-30cmbs)	BONE FRAGMENTS		3rd molar pig(mandipular) Bone shaft fragment cut (long bone)		VIIS 44928
STP#8, Level 3(20-30cmbs)	NAIL		Nail fragment--UID		VIIS 44929
STP#8, Level 3(20-30cmbs)	NAIL		Hand wrought Nails		VIIS 44930
STP#8, Lvel 3 (20-30cmbs)	SHELL FRAGMENT	Whelk	West Indian Topshell Whelk (Citarium Pica)		VIIS 44931
STP#8, Level 4 (30-40cmbs)	METAL FRAGMENT		Ferrous Metal Fragment-UID		VIIS 44932
STP#8, Level 4 (30-40cmbs)	BRICK		Brick Fragment		VIIS 44933
STP#8, Level 4 (30-40cmbs)	VESSEL FRAGMENT		Lead glazed course earthenware	1490-1900	VIIS 44934
STP#8, Lvel 4 (30-40cmbs)	BONE FRAGMENTS		Animal Bone Fragment		VIIS 44935
STP#8, Level 4 (30-40cmbs)	METAL FRAGMENT		Ferrous Metal Fragment-UID-Large		VIIS 44936
STP#8, Lvel 5 (40-50cmbs)	VESSEL FRAGMENT	Porcelain	Ching blue on wite porcelain	1644-1912	VIIS 44937
STP#8, Level 5 (40-50cmbs)	METAL FRAGMENT		Ferrous Metal conglomerate		VIIS 44938
STP#8, Level 5 (40-50cmbs)	SHELL JEWELRY		Organic shell, Egg Cockle, punctured (cultural)		VIIS 44939
STP #9 (Level 1 (0-10 cmbs))	Pipe Bowl		Kaolin pipe bowl (whole), bore diameter 1/16"	19th Century	VIIS 44940
STP #9 (Level 1 (0-10 cmbs))	Vessel fragment		Transition whiteware-looks like pearlware (1815-present)	1815-19 th century	VIIS 44941

STP #9 (Level 1 (0-10 cmbs))	Brick		Brick fragments		VIIS 44942
STP #9 (Level 1 (0-10 cmbs))	Vessel fragment	Handle	Yellow Slipware (1670-1795)-handle	1670-1795	VIIS 44943
STP #9 (Level 1 (0-10 cmbs))	Vessel fragment		Plain, undecorated whiteware (1815-present) 2 rims	1815-present	VIIS 44944
STP #9 (Level 1 (0-10 cmbs))	Shell		Deltoid rock shell		VIIS 44945
STP #9 (Level 1 (0-10 cmbs))	Glass Bottle Fragment	olive green glass	Olive green wine bottle fragments		VIIS 44946
STP #9 (Level 1 (0-10 cmbs))	Vessel fragment	Ironstone	Plain ironstone (1813-present)	1813-present	VIIS 44947
STP #9 (Level 1 (0-10 cmbs))	Ferrous Metal		unidentified ferrous metal		VIIS 44948
STP #9 (Level 1 (0-10 cmbs))	Button		Metal button, probably early 20th century	20th Century	VIIS 44949
STP #9 (Level 1 (0-10 cmbs))	Glass Bottle Fragment		Unidentified, probably olive green wine bottle glass fragments		VIIS 44950
STP #9 (Level 1 (0-10 cmbs))	Glass Bottle Fragment	Colorless glass	Colorless glass fragments (cup frags) Late 19th century	Post 1917	VIIS 44951
STP #9 (Level 1 (0-10 cmbs))	Vessel fragment	Whiteware	Annular whiteware, banded and sponged 1845-1900	1845-1900	VIIS 44952
STP #9 (Level 1 (0-10 cmbs))	Vessel fragment	Creamware	Creamware, plain 1762-1820	1762-1820	VIIS 44953
STP #9 (Level 1 (0-10 cmbs))	Ferrous Metal	Unidentified	Unidentified ferrous metal fragment		VIIS 44954
STP #9 (Level 1 (0-10 cmbs))	Non-Ferrous	Unidentified	Unidentified non-ferrous metal (shoe rivet)		VIIS 44955
STP#9, Level 2 (10-20cmbs)	VESSEL FRAGMENT	Creamware	Undecorated Creamware	1762-1820	VIIS 44956
STP#9, Level 2 (10-20cmbs)	METAL FRAGMENT		Ferrous Metal conglomerate		VIIS 44957
STP#9, Level 2 (10-20cmbs)	PIPESTEM		Kaolin clay pipe stem fragments: 1/16th and 5/64 bore diameters		VIIS 44958
STP#9, Level 2 (10-20cmbs)	GLASS BOTTLE FRAGMENT		Olive green bottle glass fragment, wine bottle.		VIIS 44959
STP#9, Level 2 (10-20cmbs)	VESSEL FRAGMENT	Pearlware	Hand painted pearlware (polychrome)	1795-1830	VIIS 44960
STP#9, Level 2 (10-20cmbs)	VESSEL FRAGMENT	Delft	Delft, blue on white	1600-1802	VIIS 44961
STP#9, Level 2 (10-20cmbs)	METAL FRAGMENT		Ferrous Metal Fragments-UID-Strap		VIIS 44962
STP #9 (Level 3 (20-30cmbs))	Brick		Brick Fragments		VIIS 44963
STP #9 (Level 3 (20-30cmbs))	Ferrous Metal	Unidentified	Unidentified ferrous metal fragment (possible nail frags)		VIIS 44964
STP #9 (Level 3 (20-30cmbs))	Ferrous Metal	Unidentified	Unidentified ferrous metal fragment		VIIS 44965

STP #9 (Level 3 (20-30cmbs))	Vessel fragment	Porcelain	Plain white porcelain, teaware Remnants of overglaze on interior (1769-present)	1769-present	VIIS 44966
Unit 10 (Level 1 (0-10 cmbs))	Glass Bottle Fragment	Bottle fragment	olive green bottle glass, neck fragment		VIIS 44967
Unit 10 (Level 1 (0-10 cmbs))	Pipe Fragment	Pipe stem	Kaolin clay pipe stem fragment (1/16")		VIIS 44968
Unit 10 (Level 1 (0-10 cmbs))	Vessel fragment		Lead glazed coarse earthenware 1 rim fragment; 1 body fragment	1492-1900	VIIS 44969
Unit 10 (Level 1 (0-10 cmbs))	Vessel fragment	Creamware	Plain creamware-flatware fragment (1762-1820)	1762-1820	VIIS 44970
Unit 10 (Level 1 (0-10 cmbs))	Ferrous Metal		Nail fragment-unidentified		VIIS 44971
STP 11 (Level 1 (0-10 cmbs))	Ferrous Metal		Ferrous metal iron fragments, clear melted glass attached	Past 1917	VIIS 44972
STP 11 (Level 1 (0-10 cmbs))	Ferrous Metal	Nail	Ferrous metal, nail fragment		VIIS 44973
STP 11 (Level 1 (0-10 cmbs))	Glass Bottle Fragment		Colorless glass fragment (bottle)		VIIS 44974
STP 11 (Level 1 (0-10 cmbs))	Bone		Burned Bone fragments		VIIS 44975
STP 11 (Level 1 (0-10 cmbs))	Brick	Brick fragment	Brick fragment		VIIS 44976
STP 11 (Level 1 (0-10 cmbs))	SHERD	Handbuilt	Prehistoric pottery sherds, handbuilt	Pre-1492	VIIS 44977
STP 11 (Level 2 (10-20 cmbs))	Brick	Brick Fragment	Brick Fragment		VIIS 44978
STP 11 (Level 2 (10-20 cmbs))	SHERD	Handbuilt	Prehistoric pottery sherd	Pre-1492	VIIS 44979
STP 11 (Level 3 (20-30 cmbs))	Glass Bottle Fragment		Olive green wine bottle glass fragment		VIIS 44980
STP 11 (Level 3 (20-30 cmbs))	SHERD	Handbuilt	Prehistoric pottery sherd	Pre-1492	VIIS 44981
STP 11 (Level 4 (30-40 cmbs))	Brick	Brick Fragment	Brick Fragment		VIIS 44982
STP 11 (Level 4 (30-40 cmbs))	SHERD	Handbuilt	Prehistoric pottery sherd	Pre-1492	VIIS 44983
Unit 12 (Feature #1 (East 1/2))	Ferrous Metal	Nail	Nail fragment-unidentified, probably cut-nail		VIIS 44984