# PHASE IB ARCHAEOLOGICAL INVESTIGATION OF THE AREA OF POTENTIAL EFFECT FOR THE CHARLESTON TOWERS PROJECT AREA

# 55 ANDROVETTE STREET (FORMERLY 53, 65, AND 83 ANDROVETTE STREET) BLOCK 7407, LOTS 1, 82, AND 80 STATEN ISLAND/RICHMOND COUNTY, NEW YORK CITY, NEW YORK

**Prepared for:** 

65 Androvette Street, LLC, 101 Tyrellan Avenue, Staten Island, Richmond County New York City, New York

**Prepared by:** 

Eugene J. Boesch Ph.D., R.P.A. Principal Investigator

November 30, 2009

TABLE OF CONTENTS

# PAGE

MANAGEMENT SUMMARY	i
1.0 INTRODUCTION	1
1.1 Charleston Towers Project Area Description and Area of Potential Effect	
1.2 Background	
1.3 Methodology	
2.0 RESULTS OF FIELD TESTING	6
2.1 Introduction	
2.2 Field Results – Shovel Tests	
2.2.1 Southern Portion of Lot Number 1	.7
2.2.2 Northern Portion of Lot Number 1	.9
2.2.3 Lot 82	10
2.2.4 Lot 80	12
2.3 Field Results – Excavation Trenches and Area Soil Removal	
2.3.1 Lot 1	
2.3.2 Lot 82	
2.4 Other Portions of the Project Area	15
3.0 CONCLUSIONS AND RECOMMENDATIONS	17
3.1 Conclusions	17
3.1.1 Stratigraphic Sequences Within Lot Number 1	17
3.1.2 Stratigraphic Sequences Within Lot Number 82	
3.1.3 Stratigraphic Sequences Within Lot Number 80	17
3.1.4 Excavation Trenches and Area Soil Removal – Lot Number 1	
3.1.5 Excavation Trenches and Area Soil Removal – Lot Number 82	18
3.2 Recommendations	18
4.0 REFERENCES CITED	19

## FIGURES:

Figure	1 - Charleston	Towers	Project	Area	Location
Inguie	1 Charleston	10,0013	TTOJECT	Incu	Location

- Figure 2 Charleston Towers Project Area Showing Lot Numbers and the Locations of Archaeological Shovel Tests
- Figure 3 Charleston Towers Project Area Showing Lot Numbers and the Locations of Excavation Trenches

## **PHOTOGRAPHS:**

7407
)7 Lot
s to the
ot;
g
s

Garage and Wood Pile Block 7407 Lot 1 – View is to the West

Photograph 8	- 53 Androvette Street – Northern Portion of Lot Showing Garage Block 7407 Lot 1 – View is to the Southwest
Photograph 9	- North Central Portion of 53 Androvette Street B Block 7407 Lot 1 – View is to the East
	- Northwest Portion of 53 Androvette Street Block 7407 Lot 1 – View is to the Northeast
Photograph 11	- Residence at 65 Androvette Street Block 7407 Lot 82 - View is to the Northwest
Photograph 12	- Residence at 65 Androvette Street Block 7407 Lot 82 - View is to the Northeast
Photograph 13	- Residence at 65 Androvette Street and lawn West of Building Block 7407 Lot 82 – View is to the East
Photograph 14	- Lawn South of Residence at 65 Androvette Street Block 7407 Lot 82 - View is to the East
	- Wooded Area North of Residence at 65 Androvette Street Block 7407 Lot 82 – View is to the Northeast
Photograph 16	- Outbuilding Northwest of Residence at 65 Androvette Street Block 7407 Lot 82 – View is to the North
Photograph 17	- Disturbed/Excavated Area North of Residence at 65 Androvette Street Block 7407 Lot 82 – View is to the Southeast
Photograph 18	<ul> <li>Wetland in Northwest Portion of 83 Androvette Street Block 7407 Lot 80 – View is to the West</li> </ul>
Photograph 19	- Residence at 83 Androvette Street Block 7407 Lot 80 – View is to the North
Photograph 20	- Lawn and Other Vegetation Behind Residence at 83 Androvette Street Block 7407 Lot 80 – View is to the North
Photograph 21	- Locations of Excavation Trenches A-F
Photograph 22	– Excavation Trench A – Typical West Profile
Photograph 23	- Excavation Trench B - Typical West Profile
Photograph 24	– Excavation Trench C – Typical East Profile
Photograph 25	– Excavation Trench D – Typical East Profile
Photograph 26	– Excavation Trench E – Typical South Profile
Photograph 27	<ul> <li>Excavation Trench F – Typical South Profile</li> </ul>
	– Excavation Trench G – Typical South Profile
	<ul> <li>Excavation Trench H – Typical East Profile</li> </ul>
Photograph 30	– Excavation Trench I – Typical East Profile

# **APPENDICES:**

Appendix A – Archaeological Stratigraphy and Artifact Inventory

Appendix B – Locations of Photographic Views Included in this Report as Photographs 1 – 30

# MANAGEMENT SUMMARY

Involved State, Federal, and Local Agencies:	New York City Landmarks Preservation Commission	
Phase of Survey:	IB	
Location Information		
Location:	53, 65, and 83 Androvette Street (Block 7407, Lots 1, 80, and 82) Charleston section of Borough of Staten Island, New York City, New York	
Minor Civil Division:		
County:	Richmond County, New York City, New York	
Survey Area: Proposed Charleston Towers S Acreage: Three acres	enior Residential Development Project Area	
USGS 7.5 Minute Quadrangle Map: Arthur	Kill, New York-New Jersey	
Archaeological Survey Overview		
Number and Interval of Shovel Tests	<ul><li>115 shovel tests at 20-25 foot intervals</li><li>9 backhoe trenches</li></ul>	
Results of Archaeological Survey:		
Number and name of prehistoric sites ide		
Number and name of historic sites identi	fied: None	
Results of Architectural Survey		
Number of buildings/structures/cemeteri		
Number of buildings/structures/cemeteri		
Number of previously determined NR lis		
structures/cemeteries/districts within pro Number of identified eligible buildings/s		
districts adjacent project area:	a actures/centerenes/	
Report Author: Eugene J. Boesch Ph.D., R.F.	P.A.	
Date of Report: November 30, 2009		

This report presents the results of a Phase IB archaeological investigation of the proposed approximately three acre Charleston Towers Senior Residential Development project area located in the Charleston (formerly known as Androvetteville and Kreischerville) section of southwest Staten Island, Richmond County, New York City, New York (Figures 1 - 3). The study has been conducted and this document prepared for 65 Androvette Street, LLC, 101 Tyrellan Avenue, Staten Island, New York at the request of the New York City Landmarks Preservation Commission.

The Phase IB testing of the Charleston Towers project area consisted of two stages of investigation. The first stage consisted of the excavation of 115 archaeological shovel tests located at approximately 20 to 25 foot intervals (Figure 2 and 3). The purpose of the shovel tests was to determine whether potentially significant archaeological deposits and/or Native American artifacts were present in the tested area.

Following completion of the shovel testing, backhoe trenching and area soil removal was conducted under the supervision of the project archaeologist north and northeast of the existing residence on Lot 80 (65 Androvette Street) and in the vicinity of the mid to late nineteenth century residence (now demolished) formerly located on Lot 1. This was the second stage of the Phase IB sub-surface investigation. The objective of the backhoe

excavations and area soil removal was to identify any buried archaeological features or deposits that may be presence in the vicinity of the existing and formerly existing residences.

The sub-surface testing within the archaeologically sensitive portions of the Charlestown Towers Project's Area of Potential Effect did not encounter any potentially significant Historic period deposits or features or any Pre-Contact period Native American sites (Figures 2 and 3). In addition, no individual Pre-Contact period artifacts were recovered by the testing.

Based upon the results of the fieldwork, no additional archaeological investigations are recommended for the proposed Charleston Towers project area.

## **1.0 INTRODUCTION**

This report presents the results of a Phase IB archaeological investigation of the archaeologically sensitive portions of the area of potential effect (APE) for the Charleston Towers residential development project area. The approximately three acres (125,000 square feet) property is located on three lots, which together are referred to as 55 Androvette Street (Block 7407, Lots 1, 80, and 82). The lots are located near the Arthur Kill shoreline in the Charleston (known historically as Androvetteville and Kreischerville) section of southwestern Staten Island (Richmond County), New York City, New York (Figures 1 - 3). Individually, the three lot addresses are numbers 53 (Lot 1), 65 (Lot 82), and 83 (Lot 80) Androvette Street. Each lot contains a late nineteenth century residence. According to recent determinations by staff at the New York City Landmarks Preservation Commission (NYCLPC), the residential properties located at what formerly were 53 Androvette Street (Block 7407, Lot 1) and 65 Androvette Street (Block 5074, Lot 82) appear eligible for listing on the New York State and National Registers of Historic Places (Santucci 2008, 2009). Lot 1 also contains an outbuilding, now used as a commercial garage, while Lot 82 contains five outbuildings and sheds. A portion of an artificially created pond also formerly was located in the northwestern corner of the property on Lot 82. Lot number 80 currently does not contain any outbuildings (Figure 2).

The study has been conducted and this document prepared for 65 Androvette Street, LLC, 101 Tyrellan Avenue, Staten Island, New York, at the request of the NYCLPC. The study is being undertaken in partial fulfillment of the terms of a *Declaration* filed with the Office of the Richmond County Clerk between 65 Androvette Street, LLC and other parties (Conti 2009). The terms of the *Declaration* commit 65 Androvette Street, LLC to have appropriate cultural resource investigations conducted for the project area prior to its development.

The proposed project at 55 Androvette Street will consist of the construction of a three story, eighty-one unit residential building with parking areas. It will be a market rate building and will be age restricted for persons 55 years of age and older. Amenities include a library, dinning and fitness rooms, laundry, transportation, housekeeping, and security (Piccininni 2009).

The Phase IB investigation consists of sub-surface testing involving the excavation of archaeological shovel tests and limited area excavations by a tractor mounted backhoe and operator. The backhoe investigation occurred within Lot 1 (53 Androvette Street) in the vicinity of a residential dwelling that was constructed by 1874, and in the vicinity of the northeast and north sides of the existing house on Lot 82.

The objective of this Phase IB investigation is to determine whether archaeological resources, which are possibly eligible for listing on the New York State and National Registers of Historic Places, are present within the sensitive area and to recommend any necessary further investigations. The study has been conducted and this document prepared in accordance with the *Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation, Federal Register, Volume 48, Number 190* and the guidelines and standards for cultural resource investigations currently adopted by the NYCLPC and the New York State Office of Parks, Recreation and Historic Preservation [NYSOPRHP] (New York Archaeological Council 1994, 2000; New York State Office of Parks, Recreation and Historic Preservation and Historic Preservation 2005).

## 1.1 Charleston Towers Project Area Description and Area of Potential Effect

The proposed Charleston Towers project area consists of three lots (numbers 1, 80, and 82) within Block 7407 (Figures 2 and 3). It is bordered on the east by Manley Street and on the south by Androvette Street. Residential properties border the project area to the north and west (Block 7407, Lots 17, 40, 65, and 77). The project area landform consists of a raised but sloping terrace-like area that is located within 225 feet of what is referred to in the Phase IA report as Androvette Creek, a fresh or brackish water tributary of the Arthur Kill, and its associated wetlands, which flows through a distinct gully or draw. The stream may be seasonal or otherwise ephemeral. The Arthur Kill and associated shoreline salt marshes are located about a quarter mile west of the current project area. Lot 1 (53 Androvette Street) within the project area is an inverted L-shaped parcel that is 1.4 acres in size (Figures 2 and 3). It contains a late nineteenth century, two and a half story frame residence with a one story addition to its rear. The residence is set back from Androvette Street (Photographs 1 - 3). The house currently is occupied. NYCLPC staff has determined it to be eligible for listing on the New York State and National Registers of Historic Places (Santucci 2008). The building will be demolished as part of the proposed construction project. The land east and south of the house is relatively level to gently sloping to the south and covered by grass and shrub vegetation (Photographs 4 and 5). A red brick driveway and small section of lawn are located west and southwest of the house. The portion of the lot north of the house is used commercially by the Family Tree Removal Company. That area is relatively level to gently sloping upward to the northeast and is paved with asphalt. Portions of it appear to have been filled. The area is used to store vehicles and other equipment operated by the Family Tree Removal Company (Photographs 6 and 7). Large piles of split wood also cover portions of the commercially used area. A one story garage now used by the tree removal service is located north of the house (Photograph 8). It also is slated to be demolished as part of the development project. Soils within part of the north central and northwestern portions of the L-shaped lot appear to have been excavated creating borrow areas of disturbance that are now covered by wetland and scrub vegetation (Photographs 9 and 10). As indicated by the Phase IB testing, some of the removed soils apparently were deposited in the northeastern most part of the lot to grade the ground.

Lot 82 (65 Androvette Street) within the project area is an almost square shaped parcel that is approximately 1.29 acres in size (Figures 2 and 3). A strip of property 133.6 feet by 30 feet in size that constitutes Lot 80 (83 Androvette Street) was subdivided from Lot 82 during the early twentieth century. A three and a half story frame residence, constructed during the mid-nineteenth century, with a one story rear section added subsequently, is set back from Androvette Street on Lot 82 (Photographs 11 and 12). The building is not currently occupied. NYCLPC staff has determined it to be eligible for listing on the New York State and National Registers of Historic Places (Santucci 2009). Five frame outbuildings and sheds are located north west of the residence. Areas around the shed apparently have been filled, raising the ground to facilitate the movement of machinery in and out of some of the outbuildings. The residence and outbuildings will be demolished as part of the current project. The area to the south, east, and west of the residence consists of relatively level, grass and tree covered ground (Photographs 13 and 14). The portion of Lot 82 north of the house is covered by dense woodland and scrub vegetation (Photographs 15 and 16). Locations within the northern portion of the lot have been dug out creating depressions with sharp embankments (Photograph 17). The removed soils were possibly deposited near the Lot 82 outbuildings and/or within the northern part of Lot 1. The northwestern most portion of the lot is currently covered by wetland vegetation (Photograph 18). The area was part of an artificially created pond established during the early twentieth century period, possibly within an earlier wetland area (see Boesch 2009: 28).

Lot 80 (83 Androvette Street) is a relatively small and level, rectangular shaped parcel, approximately 133.6 feet by 30 feet in size (0.09 acres; Figures 2 and 3). A one-story frame building, constructed during the early twentieth century, is located on the lot, fronting onto Androvette Street (Photograph 19). The portion of the lot immediately north of the residence is grass covered beyond which are dense stands of wetland and invasive vegetation (Photograph 20).

The area of potential effect (APE) for the proposed development project consists of all of the land that comprises the three project property lots (Lots 1, 80, and 82; Figures 2 and 3). Ground disturbance within the three lots will result from construction of the three story residential building, driveways, and parking areas, and the installation of storm water basins and utilities, as well as landscaping of portions of the property.

None of the soils mapped for the project area by the previously completed Phase IA report (Boesch 2009:7) consist of alluvial deposits so the presence of deeply buried Native American archaeological sites within the project area was considered unlikely.

### 1.2 Background

In July 2009, a report was submitted to 65 Androvette Street, LLC presenting the results of a Phase IA archaeological investigation of the proposed Charleston Towers residential development project area (Figures 1-

3; Boesch 2009). The Phase IA report stated that based upon the presence of at least 26 previously recorded Native American sites in the project vicinity, and the former and current topographic and physiographic setting of the 55 Androvette Street property (raised, terrace like ground overlooking Androvette Creek to the south and in proximity to the Arthur Kill and its adjoining bluffs), which is similar to that of previously recorded aboriginal sites in southwestern Staten Island, as well as the limited development that has occurred there, the current project area, and its APE, was considered to be sensitive for the presence of Pre-Contact and/or Contact period archaeological sites.

The Phase IA report also determined that portions of the three acre project area were sensitive for the presence of Historic period domestic type archaeological sites. This determination was based on the fact that:

- A dwelling, the residence of Peter Androvette, had been constructed within the southwestern corner of Lot 1 (53 Androvette Street) fronting onto Androvette Street by 1874. A public water supply was not available in the area when the house was constructed so it is likely that it was built with water retention and sanitary features (wells, cisterns, privies) in its immediate vicinity. Midden deposits or other Historic period cultural deposits of potential significance associated with the occupation of the house also may be present on the lot. This structure was demolished sometime between 1887 and 1898 and a new residence constructed by Peter Androvette, set back from Androvette Street. That house still exists and has been determined to be eligible for listing on the National Register of Historic Places by the NYCPLA. A public water supply was available in Androvette Street by 1898 so it is possible that the second structure on the lot was constructed with connections to that utility, making the use of wells, privies, and/or cisterns unnecessary. It also is possible that construction of the second Peter Androvette residence impacted the earlier backyard, destroying any archaeological features that may have been present. Alternatively, such features may have been present within areas not impacted by the post-1887 construction and Historic period midden deposits preserved in areas removed from the footprint of the existing dwelling. Accordingly, Lot 1 was considered by the Phase IA report to be sensitive for Historic period domestic type archaeological resources dating to the late nineteenth and early twentieth century period.
- The residence of J.M. Androvette (Peter's brother) was constructed on Lot 82 (65 Androvette Street) by 1874. The house still exists, set back from the street, and has been determined to be eligible for listing on the National Register of Historic Places by the NYCPLA. A public water supply was not available in the area when the house was built so it is likely that privies wells, and/or cisterns were in use and located in proximity to the residence. Midden deposits or other Historic period cultural deposits of potential significance associated with the occupation of the house also may be present on the lot. Other than construction of the house and a number of outbuildings, as well as some soil removal in the north central part of the lot, extensive disturbance does not seem to have occurred within this portion of the project area. Accordingly, Lot 82 is considered to be sensitive for Historic period domestic type archaeological resources dating to the late nineteenth and early twentieth century period.
- The dwelling that still exists on Lot 80 (83 Androvette Street) was constructed sometime between 1887 and 1898. It likely was constructed with connections to the public water supply so it is unlikely that privies, wells, or cisterns, were associated with the occupation of the building. Midden deposits or other Historic period cultural deposits of potential significance associated with the occupation of the house, however, may be present on the lot. Accordingly, the lot is considered to be sensitive for the presence of Historic period domestic type archaeological resources dating to the late nineteenth and early twentieth century period.
- If Historic period archaeological deposits are located within the project area, they most probably would be associated with the Androvette brothers' occupations of the two lot parcels. Both individuals, members of the well known Androvette family in Staten Island

history, were successful businessmen and ship captains in the New York–New Jersey maritime transportation industry. Archaeological investigation of deposits associated with these individuals could provide data on that industry, and on individuals who were responsible for its operation on a daily basis. The industry was critical to the economic growth and development of New York City and its metropolitan area during the nineteenth and early twentieth centuries.

Based on the results of the documentary research and sensitivity assessment, the Phase IA report recommended that Phase IB level sub-surface testing following current NYLPC and NYSOPRHP standards and requirements be undertaken within the current project area. A field testing plan to guide the sub-surface testing of the project area was prepared and submitted to NYCLPC for review. NYCLPC subsequently approved the plan prior to the start of the sub-surface investigation.

### 1.3 Methodology

The Phase IB testing of the archaeologically sensitive portions of the APE was undertaken in two stages. The first stage consisted of the excavation of 115 archaeological shovel tests (Figure 2 and 3). The shovel tests typically covered approximately 0.75 square meters (2.5 square feet) of ground surface and were extended to depths below which naturally occurring, culturally sterile, sub-soil was encountered. Each shovel test was excavated stratigraphically. The purpose of the shovel tests was to determine whether archaeological deposits and/or Native American artifacts were present in the tested area.

The testing strategy involved the placement of shovel tests at approximately 20 - 25 foot (six to 7.5 meter) intervals within the APE. In locations where tests revealed the presence of Native American activity or Historic period deposits, the methodology required additional shovel tests to be excavated in the immediately surrounding area to further investigate those locations. The additional tests would be excavated at the cardinal locations surrounding the spot of the initial shovel test find at 10 foot (three meter) and 20 foot (six meter) intervals. The additional testing was not necessary as part of the current investigation.

All soil removed from the shovel tests was screened through 1/4 inch mesh (hardware cloth) to detect the presence of artifacts. Separation of artifacts from different stratigraphic contexts was maintained to the extent possible with the procedures used.

Following completion of the shovel testing, backhoe trenching was conducted under the supervision of the project archaeologist north and northeast of the existing residence on Lot 82 (65 Androvette Street) and in the vicinity of the mid to late nineteenth century residence (now demolished) formerly located on Lot 1. Soils also were removed to a depth of approximately 24 inches from larger areas around the trenches in the two lots to search for buried archaeological features. This constituted the second stage of the Phase IB sub-surface testing. The mechanized testing was undertaken within the limits of acceptable worker safety. The objective of the backhoe excavations and area soil removal was to identify any buried archaeological features or deposits that may be presence in the vicinity of the existing and formerly existing residences. No such features were encountered by the mechanized excavations. If features or deposit were encountered by the trench excavations, small test units were to be archaeologically excavated to investigate and appropriately record and evaluate the resources.

Artifacts recovered by the sub-surface testing were returned to the laboratory where they were washed, tabulated, and placed in plastic bags labeled according to provenience. Appendix A to the report lists the stratigraphy encountered in each test and trench and the artifacts recovered from each stratigraphic context. Appropriate metrics are provided for the artifacts. Shovel test locations are shown on Figure 2 with each shovel test identified by a number (1 - 115). Excavation trench locations are shown on Figure 3 with each backhoe trench identified by a letter (A - I).

The first stage of analysis consisted of laboratory processing of the artifacts recovered. Each artifact was cleaned, examined, and identified as to type, function, cultural affiliation, and period of manufacture where possible. The cleaned artifacts were placed in labeled plastic bags.

The second stage of analysis consisted of studying the stratigraphy encountered by the shovel tests in conjunction with the artifacts recovered in order to interpret the survey results.

Appendix B indicates the locations of the photographic views included in this report as Photographs 1 - 30.

## 2.0 RESULTS OF FIELD TESTING

#### 2.1 Introduction

Sub-surface testing of the Area of Potential Effect (APE) for the Charleston Towers project area was aimed at detecting any possibly significant deposits associated with Pre-Contact Native American or Historic period utilization of the area that may be present. Any Native American materials most likely would be associated with small unrecorded campsites oriented towards the exploitation of subsistence resources associated with Androvette Creek, a fresh or brackish water tributary of the Arthur Kill, and its associated wetlands, which flows through a distinct gully or draw. The most likely settings for such camp sites are the areas of raised but sloping terrace-like ground that is located within 225 feet (68 meters) of the creek. None of the soils mapped for the area consist of alluvial deposits so the presence of deeply buried Native American archaeological sites within the tested area was considered unlikely by the previously completed Phase IA report for the project area (Boesch 2009: 7).

The APE also is considered sensitive for Historic period domestic type archaeological resources dating to the mid to late nineteenth century (see Chapter 1.2).

One hundred and fifteen (115) archaeological shovel tests were excavated within the APE. Sixty-two (62) of these were located within Lot 1 (45 in the southern portion of the lot in the vicinity of the existing house at 53 Androvette Street and 17 in the northern part of the lot currently used by the Family Tree Removal Company); 48 shovel tests were located within Lot 82; and five shovel tests were excavated within Lot 80. In general, the testing strategy involved the placement of shovel tests at approximately 20 to 25 foot intervals within the archaeologically sensitive portions of the APE. Areas of steep slope (greater than 15 degrees in slope), locations of obvious disturbance such as the dug out areas in all three lots, and the existing wetland were not tested. The purpose of the tests was to determine the stratigraphic sequence present within the tested area and discover whether any Native American or Historic period artifacts were associated with those strata.

The stratigraphy encountered in each sub-surface test excavated during the field testing and an inventory of the artifacts recovered are presented in Appendix A.

#### 2.2 Field Results – Shovel Tests

Nine stratigraphic sequences were encountered by the 45 shovel tests excavated in the southern part of Lot 1 (53 Androvette Street). One of the sequences indicated the former presence of agricultural soils overlying the natural sub-soil. The other seven sequences indicated localized or otherwise restricted areas of filling, soil removal (grading or stripping), or other localized ground disturbance. The nature of the stratigraphy indicated that portions of Lot 1 in the vicinity of the existing house (53 Androvette Street) previously had been cultivated or used as an orchard with some disturbance caused by construction of that structure or the former residence located there.

Three stratigraphic sequences indicative of disturbed or wetland related soils were encountered by the 17 shovel tests excavated within the northern portion of Lot 1, which is currently used by the Family Tree Removal Service Company. The sequence indicated filling, grading, and other ground disturbance had occurred there, probably as a result of landscaping and the use of the area as a vehicle storage lot and cut wood storage area for the tree service. The second and third sequences were encountered in the north central portion of Lot 1 within a lower-lying, damp area along the margin of a wetland type environmental setting.

Four stratigraphc sequences were encountered by the 48 shovel tests excavated in Lot 82 (65 Androvette Street). One of the sequences indicated the former presence of agricultural related soils overlying the natural sub-soil. The other three sequences indicated localized or otherwise restricted areas of filling, soil removal (grading stripping), or other ground disturbance. The nature of the stratigraphy indicated that portions of Lot 82 in the vicinity of the existing house (65 Androvette Street) previously had been cultivated or used as an orchard with some disturbance caused by construction of that structure or the associated outbuildings.

Two stratigarphic sequences were encountered by the five shovel tests excavated in Lot 80 (83 Androvette Street). One sequence represented graded or fill soil, consisting of a mix of sub-soil and former agricultural-related soils that extended across much of the grassy back yard of the house. The second sequence consisted of recently formed sod overlying a wetland type soil deposit.

## 2.2.1 Southern Portion of Lot Number 1

Nine stratigraphic sequences were encountered by the 45 shovel tests excavated in the southern part of Lot 1 (53 Androvette Street). One of the sequences indicated the former presence of agricultural soils overlying the natural sub-soil. The other seven sequences indicated localized or otherwise restricted areas of filling, soil removal (grading or stripping), or other localized ground disturbance. The nature of the stratigraphy indicated that portions of Lot 1 in the vicinity of the existing house (53 Androvette Street) previously had been cultivated or used as an orchard with some disturbance caused by construction of that structure or the former residence located there.

### Shovel Tests 1-3, 9-28, 37-38, 41, 44, and 45

These 28 shovel tests were located in the grassy lawn of 53 Androvette Street. The soil stratigraphy revealed in the tests consisted generally of relatively recently developed sod and underlying leaching zone soil overlying what is apparently a former agricultural layer. Beneath the agricultural layer was the naturally occurring subsoil which in some tests was preceded by a sub-soil transition layer.

The initial one to three inches seen in these 28 shovel tests consisted of relatively recently developed surface sod (Stratum I) below which was a three to four inch thick layer of dark gray brown to gray brown to gray black sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the sod. Together Strata I and II represent the recently formed near surface soils for the grassy lawn for 53 Androvette Street. Cultural material recovered from the strata consist of a small quantity of relatively recently manufactured items such as plastic, asphalt, glass, red brick, unglazed redware, undecorated ironstone, as well as coal and slag. The artifacts were recovered from shovel test #s 2, 3, 9, 10, 11. 13, 14, 16-19, 21, and 25.

Below Strata I and II was encountered a layer of brown to dark brown to gray brown to dark gray brown sandy silt (Strata III and/or IV) that was between two and 16 inches thick, extending to between 10 and 22 inches below grade. The thinner portions of the stratum appear to have been in areas that were landscaped or other wise graded. The deposit appears to represent a former plow zone or other agricultural related layer in the grassy lawn area and may pre-date construction activities on the Lot. Limited quantities of refined earthenware (whiteware and pearlware), salt glazed stoneware, red brick, clear and amber tinted glass, slag, and coal, as well as a wire nail and a battery fragment , were recovered from the former agricultural related layer in shovel test #s 10-12, 14, 15, 17-28, 38, and 41.

Below the former cultivation layer, at 10 to 22 inches below grade, was encountered the culturally sterile subsoil transition layer (brown, dark brown or gray brown sandy silt mottled with yellow brown sandy silt – Stratum IV) or the culturally sterile sub-soil (yellow brown sand, yellow brown sandy silt, or yellow brown silty sand – Stratum V). In tests where the sub-soil transition layer was absent, the naturally occurring sub-soil was noted immediately under the former agricultural layer.

#### Shovel Tests 4 - 6

Shovel tests 4 - 6 were located in the northeastern portion of Lot number 1 and appear to have been excavated in the former locations of trees, possibly associated with the remnant orchard that is currently located on part of the lot.

The initial two inches seen in these three shovel tests consisted of loosely packed, brown black sandy silt

humus (Stratum I) below which was a one to two inch thick layer of dark brown to gray brown sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the humus. Together Strata I and II represent recently formed near surface soils. A small quantity of coal and plastic from shovel tests 4 and 5 were the only artifacts recovered from these contexts. Beneath Stratum II, at three inches below grade, was encountered a six to ten inch thick layer of brown to gray brown sandy silt. A limited quantity of artifacts consisting of undercoated whiteware, oxidized wire nail, glass, and coal were recovered from this soil layer from shovel tests 4 and 6.

Below the loosely packed soils, at 13 to 14 inches in depth, was encountered the culturally sterile sub-soil which in these units was a dark yellow or yellow brown sandy silt. A two inch thick sub-soil transition layer was noted in shovel test 6 overlying the natural sub-soil.

### Shovel Tests 7 and 8

Shovel tests 7 and 8 were located in the northeastern portion of Lot number 1 within low-lying areas that appeared to have been excavated and subsequently refilled to grade.

The initial one to two inches seen in these two shovel tests consisted of black sandy silt humus (Stratum I) below which was a one to two inch thick layer of dark gray brown sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the humus. Together Strata I and II represent recently formed near surface soils. A small quantity of coal and glass were the only artifacts recovered from these contexts. Beneath Stratum II, at two to three inches below grade, was encountered a 14 to 15 inch thick fill layer of orange brown sand. Single fragments of whiteware, coal, hard shell clam, bottle glass, and clear glass were recovered from the fill.

Below the fill, at 18 to 21 inches in depth, was encountered the culturally sterile sub-soil which in these units was a yellow brown sand.

## Shovel Tests 29 – 36

These eight shovel tests were excavated in the south western portion of Lot number 1 immediately in front of the existing house. The location of the tests corresponds to the former location of the residential structure that was constructed on the Lot by 1874. No structural remains or potentially significant deposits associated with the house were encountered by the shovel tests. The tests did encounter what appear to be disturbed soils that may reflect grading of the area subsequent to the demolition of the house sometime between 1887 and 1898 (see Boesch 2009: 28). The stratigraphy revealed by the shovel tests is consistent with that seen in Excavation Trenches A-F, which were excavated there to further investigate the area subsequent to the shovel testing portion of the sub-surface investigation (see Chapter 2.6xx).

The initial two inches seen in these shovel tests consisted of sod (Stratum I) below which was a one to three inch thick layer of dark gray brown sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the humus. Together Strata I and II represent recently formed near surface soils. One fragment of clear, flat glass from Stratum II in shovel test 32 was the only item of cultural material recovered from the near surface soils. Beneath Stratum II, at three to five inches below grade, was encountered an 11 to 15 inch thick fill layer of dark brown to brown sandy silt. A small quantity of coal, slag, refined earthenware (single fragments of pearlware and whiteware), and oxidized, machine cut nails were recovered from Stratum III, which appears to be a grading and/or fill layer deposited over the area, likely when the demolition of the early structure on the lot had been completed..

Below Stratum III, at 16 to 20 inches in depth, was encountered the culturally sterile sub-soil transition layer (yellow brown sandy silt mottled with brown or dark brown sandy silt – Stratum IV) followed by the naturally occurring sub-soil (yellow brown sandy silt to sand – Stratum V).

#### Shovel Test 39

This shovel test was excavated adjacent to the foundation wall on the west side of the existing structure on Lot 1. The initial one inch seen in the shovel test consisted of brown sandy silt humus (Stratum I) below which was a one inch thick layer of dark gray brown sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the humus. Together Strata I and II represent recently formed near surface soils. No cultural material was recovered from the strata. Beneath Stratum II was encountered a deposit of orange brown sand mixed and mottled with brown sandy silt which apparently represents a builders trench for the foundation (with basement) wall. One fragment of hard shell clam and a complete red brick extending perpendicular to the wall at 15 inches below grade were the only artifacts recovered from the deposit, which was excavated to 32 inches below grade. The base of the deposit was not reached. It likely extends to the depth of the basement floor which, based upon an examination of the interior room during the field work, is approximately six feet below modern grade.

#### Shovel Test 40

This shovel test was excavated in the vicinity of the northwest corner of the existing house on Lot 1. Below four inches of sod and underlying leaching zone soil (black sandy silt) was encountered a six inch thick fill deposit of orange brown sandy silt mottled with black sandy silt (Stratum III). No artifacts were recovered from Strata 1 - 3. Below the fill was a 10 inch thick layer of ash, coal, and slag (Stratum IV) that extended to 20 inches below grade. Other than the ash, coal, and slag, no cultural materials were recovered from this deposit, which likely represents the waste materials removed from a coal stove or coal furnace formerly associated with the existing residence. Below Stratum IV was encountered the naturally occurring, culturally sterile sub-soil which in this shovel test was orange brown sand.

### Shovel Test 42

Shovel test 42 was located in the narrow back yard of the existing house on lot one and encountered what apparently is a former patio area. Below the recently formed four inch thick sod and underlying leaching zone soil (gray brown sandy silt) was encountered a concrete slab. The slab was found to extend outward from the back door to the house for at least 10 feet. It likely represents a former patio over which soil has accumulated over the years. No cultural material, other than the concrete slab, was encountered in shovel test 42.

## Shovel Test 43

Shovel test 43 was located northwest of the existing house on Lot 1 in an area that appears to have been graded. Beneath three inches of relatively recently formed near surface soils in this shovel test was encountered the culturally sterile sub-soil which in this location was a yellow brown sandy silt. No cultural material was recovered from shovel test 43.

### 2.2.2 Northern Portion of Lot Number 1

Three stratigraphic sequences indicative of disturbed or wetland related soils were encountered by the 17 shovel tests excavated within the northern portion of Lot 1, which is currently used by the Family Tree Removal Service Company. The sequence indicated filling, grading, and other ground disturbance had occurred there, probably as a result of landscaping and the use of the area as a vehicle storage lot and cut wood storage area for the tree service. The second and third sequences were encountered in the north central portion of Lot 1 within a lower-lying, damp area along the margin of a wetland type environmental setting.

### Shovel Tests 94 - 108

The initial two inches seen in these shovel tests consisted of black sandy silt humus (Stratum I) below which was a two to four inch thick layer of dark gray brown sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the humus. Together Strata I and II represent recently formed near surface soils. Two fragments of plastic and a piece of mortar from shovel test #s 97, 101, and 105 were the only artifacts recovered from the near surface soils. Beneath Stratum II in shovel tests 94 - 108, beginning at four to six inches below grade, was an eight to 20 inch thick layer of dark brown sandy silt mixed with yellow brown sandy silt that represents a graded fill deposit placed within the northern portion of Lot 1 to facilitate its commercial use. The only artifacts recovered from Stratum III were a fragment of coal from shovel test 100 and a fragment of mammal bone from shovel test 103.

Below Stratum III, between 14 to 24 inches in depth, was encountered the culturally sterile sub-soil, which in these shovel tests was a yellow brown sandy silt (Stratum IV).

#### Shovel Test 109

Shovel test 109 was placed in the north central portion of Lot 1 along the margin of a wetland-like area. The initial strata encountered consisted of two inches of sod (Stratum I) followed by five inches of a dark gray brown sandy silt (Stratum II) deposit which represents the underlying leaching zone for the sod. Beneath Stratum II, at seven inches in depth, was encountered a rust brown sandy silt mixed with clay (Stratum III) that appears to represent a wetland type soil. Excavations were terminated in shovel test 109 at 25 inches below grade. No cultural material was recovered from this shovel test.

#### Shovel Test 110

Shovel test 110 also was placed in the north central portion of Lot 1 along the margin of the wetland-like area. The initial strata encountered consisted of two inches of sod (Stratum I). Immediately below it was encountered a rust brown sandy silt mixed with clay (Stratum III) that appears to represent another wetland type soil. Excavations were terminated in shovel test 110 at 36 inches below grade. No cultural material was recovered from this shovel test.

#### 2.2.3 Lot 82

Four stratigraphc sequences were encountered by the 48 shovel tests excavated in Lot 82 (65 Androvette Street). One of the sequences indicated the former presence of agricultural soils overlying the natural sub-soil. The other three sequences indicated localized or otherwise restricted areas of filling, soil removal (grading or stripping), or other ground disturbance. The nature of the stratigraphy indicated that portions of Lot 82 in the vicinity of the existing house (65 Androvette Street) previously had been cultivated or used as an orchard with some disturbance caused by construction of that structure or the associated outbuildings.

#### Shovel Tests 46-56, 60, and 61

These 13 shovel tests were located in the southern, eastern, and western portions of Lot 82, surrounding the existing house at 65 Androvette Street. The area is generally covered by a grassy lawn. The soil stratigraphy revealed in the tests consisted generally of relatively recently developed sod and underlying leaching zone soils overlying what is apparently a former agricultural related layer. Beneath the agricultural related layer was the naturally occurring sub-soil.

The initial one to two inches seen in these 13 shovel tests consisted of relatively recently developed surface sod (Stratum I) below which was a one to eight inch thick layer of dark gray brown sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the sod. Together Strata I

and II represent the recently formed near surface soils for the grassy lawn for 65 Androvette Street. Cultural material recovered from the strata consist of a small quantity of mammal bone, cut nail, glass, coal, slag, and red brick, as well as relatively recently manufactured items such as plastic and styrofoam, recovered from shovel test #s 46, 47, 49, 54, 60, and 61.

Below Strata I and II, at three to 10 inches in depth, was encountered a layer of dark brown sandy silt (Stratum III) that was between two and 20 inches thick, extending to between seven and 24 inches below grade. The thinner portions of the stratum appear to have been in areas that were landscaped or other wise graded. The deposit appears to represent a former plow zone or other agricultural layer in the grassy lawn area and may predate the construction activities on the Lot. Limited quantities of pipe stem (white ball clay), refined earthenware (undecorated creamware), unglazed redware, red brick, hard shell clam, mammal bone, slag, and coal, as well as a cut nail were recovered from the former agricultural-related layer in shovel tests 46-53, 55, and 56.

Below the former cultivation layer, at seven to 24 inches below grade, was encountered the culturally sterile sub-soil which in these tests was a yellow brown sand, yellow brown sandy silt or an orange brown sandy silt (Stratum IV).

#### Shovel Tests 57 and 58

Shovel tests 57 and 58 were located in the southeastern most portion of Lot 82, within an area that appeared to be graded with most of the top soils stripped away. The initial two inches seen in these shovel tests consisted of the recently developed sod (Stratum I) below which was a one to five inch thick layer of dark gray brown sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the sod. Together Strata I and II represent recently formed near surface soils. Fragments of coal and slag were recovered from Stratum II in both tests. Single fragments of plastic, hard shell clam, and an oxidized nail were recovered from Stratum II from shovel test 57 while four fragments of clear glass were recovered from that context from shovel test 58. Beneath Stratum II in both tests, at three to seven inches below the modern surface, was encountered the culturally sterile sub-soil which in these two shovel tests was a yellow brown sandy silt (Stratum III).

#### Shovel Tests 59

Shovel test 59 was located in the same graded area as shovel tests 57 and 58. The stratigraphy encountered in the test was similar to that seen in those two other tests with the exception that the encountered sub-soil was an orange brown sandy silt. The initial two inches seen in shovel test 59 consisted of the recently developed sod (Stratum I) below which was a one inch thick layer of dark gray brown sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the sod. Together the two strata represent recently formed near surface soils. Beneath Stratum II, at three inches below the modern surface, was encountered the culturally sterile sub-soil which in this shovel test was an orange brown sandy silt (Stratum II). No cultural material was recovered from shovel test 59.

#### Shovel Tests 62-93

These 32 shovel tests were located in the northern portion of Lot 82 within the wooded and brush covered area that extends north from the house at 65 Androvette Street. The soil stratigraphy revealed in the tests consisted generally of relatively recently developed sod and underlying leaching zone soil overlying what is apparently a former agricultural-related layer. Beneath the agricultural layer was the naturally occurring sub-soil .

The initial two to three inches seen in these 32 shovel tests consisted of relatively recently developed surface sod (Stratum I) below which was a two to three inch thick layer of dark gray brown to black sandy silt (Stratum II). Stratum II represents the relatively recently formed, underlying leaching zone layer beneath the sod. Together Strata I and II represent recently formed near surface soils. Cultural material recovered from the strata

consist of a small quantity of clear glass, coal, and plastic recovered from shovel test #s 68, 69, 75, 76, 85, and 89.

Below Stratum II, at four to five inches in depth, was encountered a layer of dark brown sandy silt mixed with yellow brown sandy silt (Stratum III) that was between six and 19 inches thick, extending to between 10 and 24 inches below grade. The deposit appears to represent a graded soil that is a mixture of sub-soil and former agricultural related soils possibly occurring during the construction of the existing dwelling on Lot 82. Limited quantities of whiteware, clear glass, plastic, coal, slag, red brick, oxidized metal, mortar, and hard shell were recovered from Stratum III in shovel tests 62, 65, 68, 69, 71, 72, 75, 76, 78, 79, 80, 81, 85, 88, 89, and 90.

Below Stratum III, at 10 to 24 inches below grade, was encountered the culturally sterile sub-soil which in these tests was a yellow brown sandy silt (Stratum IV).

### 2.2.4 Lot 80

Two stratigarphic sequences were encountered by the five shovel tests excavated in Lot 80 (83 Androvette Street). One sequence represented graded or fill soil, consisting of a mix of sub-soil and former agricultural related soils that extended across much of the grassy back yard. The second sequence consisted of recently formed sod overlying a wetland type soil deposit.

## Shovel Tests 111-113

Shovel tests 111-113 were placed in the back yard of the residence at 83 Androvette Street which is situated on Lot 80. The backyard is located along the margin of the former pond that was situated within the northwest corner of the project area in the late nineteenth century. The initial strata encountered consisted of two inches of sod (Stratum I) followed by two to five inches of a dark gray brown sandy silt (Stratum II), which represents the underlying leaching zone for the sod. Beneath Stratum II, at four to five inches in depth, was encountered an apparent fill deposit of dark brown sandy silt mixed with yellow brown sandy silt (Stratum III). Beneath Stratum III was encountered the naturally occurring yellow brown sandy silt sub-soil. No cultural material was recovered from shovel test 111-113.

#### Shovel Tests 114 and 115

Shovel tests 114 and 115 were placed in the back yard of the residence at 83 Androvette Street which is situated on Lot 80. The tests were near the margin of the former pond that was situated within the northwest corner of the project area in the late nineteenth century. The initial strata encountered consisted of two inches of sod (Stratum I). Below the sod was a wetland type soil consisting of rust, brown, black, silty clay (Stratum II). This stratum was excavated to between 28 and 30 inches below the modern surface. No cultural material was recovered from shovel test 114 and 115.

### 2.3 Field Results – Excavation Trenches and Area Soil Removal

## 2.3.1 Lot 1

Six excavation trenches (A-F) ranging in length between 12 and 35 feet were excavated in the southwestern corner of Lot 1. Following the excavation of the trenches, soil was removed in their vicinity to a depth of approximately 24 inches. The area of soil removal measured approximately 25 by 25 feet. The trenches and other backhoe work were excavated by a qualified operator using a standard tractor mounted backhoe under the supervision of the Principal Investigator for this Phase IB investigation. The objective of the trench excavations and area soil removal was to determine whether any structural remains or stratigraphic evidence for the former residence that was located there by 1874 was present. The existing residence on Lot 1 is situated within the former backyard of the earlier home. That former backyard area would have been the most likely location of

water retention (wells, and cisterns) and/or sanitary features (privies) associated with the earlier structure. Accordingly, it is possible that construction of the existing house would have destroyed those features.

#### **Excavation Trench A**

No potentially significant archaeological resources were encountered in excavation trench A (Figure 3 and Photograph 22). The trench was 25 feet long (north to south) and three feet wide (east to west). It was located about 50 feet north of Androvette Street and about five feet west of the Lot 1 driveway (53 Androvette Street) in the former vicinity of the mid to late nineteenth century residence formerly located on the lot. The stratigraphy encountered along the length of the trench profile was similar and reflected a disturbed soil layer underlying the near surface soils and overlying the naturally occurring sub-soil. The initial three inches revealed by the trench consisted of the recently developed sod (Stratum I) below which was a three inch thick layer of gray brown sandy silt (Stratum II), representing the near surface soil leaching zone underlying the sod. Beneath Stratum II, at six inches below grade, was encountered an 11 inch thick fill or otherwise disturbed soil layer consisting of light gray brown sandy silt (Stratum III). Below Stratum III, at 17 inches below grade, was encountered an initial sub-soil layer of yellow brown sandy silt. This layer was approximately eight inches thick. Below it, at 25 inches below grade, was a second sub-soil layer consisting of rust brown sand with clay. A limited quantity of coal, slag and red brick associated with Strata II and III was noted in the profile for excavation trench A. No other artifacts were noted during the trench's excavation or within its profile walls.

## **Excavation Trench B**

No potentially significant archaeological resources were encountered in excavation trench B (Figure 3 and Photograph 23). The trench was 12 feet long (north to south) and three feet wide (east to west). It was located about 35 feet north of Androvette Street and about five feet east of the Lot 1 driveway (53 Androvette Street) in the former vicinity of the mid to late nineteenth century residence formerly located on the lot. A north to south oriented gas pipe line and its trench were uncovered in the trench excavation. The initial three inches revealed by the trench excavation consisted of the recently developed sod (Stratum I) below which was a six inch thick layer of dark gray brown sandy silt (Stratum II). Stratum II represents the near surface soil leaching zone underlying the sod. Beneath Stratum II, at six inches below grade, was encountered a six inch thick fill or otherwise disturbed soil layer consisting of dark brown sandy silt (Stratum III). Below Stratum III, at 19 inches below grade, was encountered a fill deposit for the gas pipe line trench. The trench fill consisted of yellow brown sandy silt with dark brown sandy silt mottling which represents the upper most sub-soil deposit in the area that became mixed with near surface soils as the pipe trench was dug and subsequently backfilled. The trench extended to 24 inches below the modern surface. At the base of the trench was encountered the two inch diameter gas pipe line. Below the pipe and the trench fill was seen the rust brown sand with clay sub-soil, which is the second or lower sub-soil deposit in this area. Other than the gas pipe, no artifacts were noted during the trench's excavation or within its profile walls.

### **Excavation Trench C**

No potentially significant archaeological resources were encountered in excavation trench C (Figure 3 and Photograph 24). The trench was 35 feet long (north to south) and three feet wide (east to west). It was located about 36 feet north of Androvette Street and about 27 feet west of the Lot 1 driveway (53 Androvette Street) in the former vicinity of the mid to late nineteenth century residence formerly located on the lot. The stratigraphy encountered along the length of the trench profile was similar and reflected a disturbed soil layer underlying the near surface soils and overlying the naturally occurring sub-soil. The initial three inches revealed by the trench consisted of the recently developed sod (Stratum I) below which was a three inch thick layer of dark gray brown sandy silt (Stratum II), representing the near surface soil leaching zone underlying the sod. Beneath Stratum II, at eight inches below grade, was encountered a 13 inch thick fill or otherwise disturbed soil layer consisting of light brown to brown sandy silt (Stratum III). Below Stratum III, at 21 inches below grade, was encountered an initial sub-soil layer of yellow brown sandy silt. This layer was approximately 10 inches thick. Below it, at 31 inches below grade, was a second sub-soil layer consisting of rust brown sand with clay. A limited quantity of

coal, slag, red brick, and mortar associated with Strata II and III was noted in the profile for excavation trench C. No other artifacts were noted during the trench's excavation or within its profile walls.

#### **Excavation Trench D**

No potentially significant archaeological resources were encountered in excavation trench D (Figure 3 and Photograph 25). The trench was 35 feet long (north to south) and three feet wide (east to west). It was located about 36 feet north of Androvette Street and about 39 feet west of the Lot 1 driveway (53 Androvette Street) in the former vicinity of the mid to late nineteenth century residence formerly located on the lot. The stratigraphy encountered along the length of the trench profile was similar and reflected a disturbed soil layer underlying the near surface soils and overlying the naturally occurring sub-soil. The initial two inches revealed by the trench consisted of the recently developed sod (Stratum I) below which was a five inch thick layer of dark gray brown sandy silt (Stratum II), representing the near surface soil leaching zone underlying the sod. Beneath Stratum II, at seven inches below grade, was encountered a 10 inch thick fill or otherwise disturbed soil layer consisting of brown sandy silt (Stratum III). Below Stratum III, at 17 inches below grade, was encountered an initial sub-soil layer of yellow brown sandy silt. This layer was approximately 15 inches thick. Below it, at 32 inches below grade, was a second sub-soil layer consisting of rust brown sand with clay. A limited quantity of coal and slag associated with Strata II and III was noted in the profile for excavation trench D. No other artifacts were noted during the trench's excavation or within its profile walls.

### **Excavation Trench E**

No potentially significant archaeological resources were encountered in excavation trench E (Figure 3 and Photograph 26). The trench was 25 feet long (east to west) and three feet wide (north to south). It was located about eight feet south of the existing house at 53 Androvette Street and about 18 feet west of the Lot 1 driveway in the former vicinity of the mid to late nineteenth century residence formerly located on the lot. The stratigraphy encountered along the length of the trench profile was similar and reflected a disturbed soil layer underlying the near surface soils and overlying the naturally occurring sub-soil. The initial two inches revealed by the trench consisted of the recently developed sod (Stratum I) below which was a three inch thick layer of dark gray brown sandy silt (Stratum II), representing the near surface soil leaching zone underlying the sod. Beneath Stratum II, at five inches below grade, was encountered a 10 inch thick fill or otherwise disturbed soil layer consisting of brown sandy silt (Stratum III). Below Stratum III, at eight inches below grade, was encountered an initial sub-soil layer of yellow brown sandy silt. This layer was approximately 16 inches thick. Below it, at 24 inches below grade, was a second or lower sub-soil layer consisting of rust brown sand with clay. A limited quantity of coal, slag, and modern bottle glass associated with Strata II and III was noted in the profile for excavation trench E. No other artifacts were noted during the trench's excavation or within its profile walls.

#### **Excavation Trench F**

No potentially significant archaeological resources were encountered in excavation trench F (Figure 3 and Photograph 27). The trench was 25 feet long (east to west) and three feet wide (north to south). It was located about 14 feet south of the existing house at 53 Androvette Street and about 18 feet west of the Lot 1 driveway in the former vicinity of the mid to late nineteenth century residence formerly located on the lot. The stratigraphy encountered along the length of the trench profile was similar and reflected a disturbed soil layer underlying the near surface soils and overlying the naturally occurring sub-soil. The initial two inches revealed by the trench consisted of the recently developed sod (Stratum I) below which was a three inch thick layer of dark gray brown sandy silt (Stratum II), representing the near surface soil leaching zone underlying the sod. Beneath Stratum II, at five inches below grade, was encountered a 13 inch thick fill or otherwise disturbed soil layer consisting of brown to dark brown sandy silt (Stratum III). Below Stratum III, at 18 inches below grade, was encountered an initial sub-soil layer of yellow brown sandy silt. This layer was approximately 12 inches thick. Below it, at 26 inches below grade, was a second sub-soil layer consisting of rust brown sand with clay. A limited quantity of

coal, slag, and modern bottle glass associated with Strata II and III was noted in the profile for excavation trench F. No other artifacts were noted during the trench's excavation or within its profile walls.

#### Area Soil Removal

Following completion of the trench excavations, soil was removed to a depth of about 24 inches within an area that was approximately 25 feet by 25 feet in size in the southwest part of Lot 1 (Figure 3). The area investigated was the former location of the rear portion of the pre-1874 house on Lot 1 and part of its former backyard. The existing house on the lot (53 Androvette Street) is situated within the remaining portion of the earlier residence's backyard. Its construction may have destroyed features that were associated with the earlier residence. No potentially significant archaeological resources were identified by the soil removal work.

#### 2.3.2 Lot 82

Three excavation trenches (G-I) ranging in length between 12 and 15 feet were excavated north and northeast of the existing residence (65 Androvette Street) on Lot 82. These are the most likely locations for the presence of archaeological features. North of the house the topography rises rapidly leaving only a narrow area between the rising bank and the north face of the house testable by backhoe. The northeast corner of the house is an L-shaped area across which extends a buried, near surface red brick patio surface.

Following the excavation of the trenches, soil was removed in their vicinity to a depth of approximately 24 inches. The trenches and other backhoe work were excavated by a qualified operator using a standard tractor mounted backhoe under the supervision of the Principal Investigator for this Phase IB investigation. The objective of the trench excavations and the area soil removal was to determine whether any archaeological resources, such as water retention features (wells, and cisterns) and/or sanitary features (privies), associated with the house, are present.

#### **Excavation Trench G**

No potentially significant archaeological resources were encountered in excavation trench G, located north of the 65 Androvette Street house (Figure 3 and Photograph 28). The trench was 15 feet long (east to west) and three feet wide (north to south). The stratigraphy encountered along the length of the trench profile was similar and reflected a disturbed soil layer underlying the near surface soils and overlying the naturally occurring subsoil. The initial two inches revealed by the trench consisted of the recently developed sod (Stratum I) below which was a five inch thick layer of dark gray brown sandy silt (Stratum II), representing the near surface soil leaching zone underlying the sod. Beneath Stratum II, at five inches below grade, was encountered a 16 inch thick fill or otherwise disturbed soil layer consisting of light brown to brown sandy silt (Stratum III). Below Stratum III, at 19 inches below grade, was encountered an initial sub-soil layer of yellow brown sandy silt. This layer was approximately nine inches thick. Below it, at 28 inches below grade, was a second sub-soil layer consisting of rust brown sand with clay. A limited quantity of plastic and modern bottle glass associated with Strata II and III was noted in the profile for excavation trench G. No other artifacts were noted during the trench's excavation or within its profile walls.

#### **Excavation Trench H**

No potentially significant archaeological resources were encountered in excavation trench H, located northeast of the 65 Androvette Street house (Figure 3 and Photograph 29). The trench was 15 feet long (north to south) and three feet wide (east to west). The stratigraphy encountered along the length of the trench profile was similar and reflected a disturbed soil layer underlying the near surface soils and overlying the naturally occurring sub-soil. The initial three inches revealed by the trench consisted of the recently developed black sandy silt sod and humus (Stratum I) below which was a five inch thick layer of laid red brick that likely represents a former patio (Stratum II). The laid brick was intermittent suggesting that some of it had been

partially removed from the patio surface in this area. Beneath Stratum II, at five inches below grade, was encountered a 13 inch thick fill or otherwise disturbed soil layer consisting of brown sandy silt (Stratum III). Below Stratum III, at 21 inches below grade, was encountered an initial sub-soil layer of yellow brown sandy silt. This layer was approximately nine inches thick. Below it, at 34 inches below grade, was a second, lower sub-soil layer consisting of rust brown sand with clay. A limited quantity of plastic and wood associated with Strata II and III, was noted in the profile for excavation trench H. No other artifacts were noted during the trench's excavation or within its profile walls.

## **Excavation Trench I**

No potentially significant archaeological resources were encountered in excavation trench I, located northeast of the 65 Androvette Street house (Figure 3 and Photograph 30). The trench was 12 feet long (northwest to southeast) and three feet wide (southwest to northeast). The stratigraphy encountered along the length of the trench profile was similar and reflected a disturbed soil layer underlying the near surface soils and overlying the naturally occurring sub-soil. The initial two inches revealed by the trench consisted of the recently developed sod (Stratum I) below which was a five inch thick layer of dark gray brown sandy silt (Stratum II), representing the near surface soil leaching zone underlying the sod. Beneath Stratum II, at five inches below grade, was encountered a three inch thick fill or otherwise disturbed soil layer consisting of dark brown sandy silt with yellow brown sandy silt mottling (Stratum III). Underlying Stratum III was a second fill layer consisting of a 14 inch thick layer of orange brown sand silt with coal and ash (Stratum IV). Below Stratum IV, at 22 inches below grade, was encountered an initial sub-soil layer of yellow brown sandy silt. This layer was approximately 10 inches thick. Below it, at 32 inches below grade, was a second sub-soil layer consisting of rust brown sand with clay. Other than the coal and slag noted in Stratum IV, no artifacts were noted during the excavation of Trench I or within its profile walls.

#### Area Soil Removal

Following completion of the trench excavations on Lot 82, soil was removed to a depth of about 24 inches within an area that was approximately 15 feet by 20 feet in size north and northeast of the exiting residence on the lot (Figure 3). No potentially significant archaeological resources were identified by the soil removal work.

## 2.4 Other Portions of the Project Area

Remaining portions of the project area consist of areas of steep slope and embankments (greater than 15 degrees in slope), locations of obvious disturbance such as dug out areas in all three lots, and the existing wetland. These areas were not considered to be archaeologically sensitive and, accordingly, were not tested. The locations are confined to the north central and northwestern portions of the project area (see Figure 2).

## 3.0 CONCLUSIONS AND RECOMMENDATIONS

#### 3.1 Conclusions

Sub-surface testing within the archaeologically sensitive portions of the Charleston Towers Project's Area of Potential Effect did not encounter any potentially significant Historic period deposits or any Pre-Contact period Native American sites (Figures 2 and 3). In addition, no individual Pre-Contact period artifacts were recovered by the testing. The lack of Native American artifacts being located on the property was supported by a local, long time artifact collector who informed the Principal Investigator that he has never found any Native American artifacts, or heard of any such artifacts, being collected or found on the current project area property.

### 3.1.1 Stratigraphic Sequences Within Lot Number 1

Nine stratigraphic sequences were encountered by the 45 shovel tests excavated in the southern part of Lot 1 (53 Androvette Street). One of the sequences indicated the former presence of agricultural – related (cultivation, orchard) soils overlying the natural sub-soil. The other seven sequences indicated localized or otherwise restricted areas of filling, soil removal (stripping), or other localized ground disturbance. The nature of the stratigraphy indicated that portions of Lot 1 in the vicinity of the existing house at 53 Androvette Street previously had been cultivated, used as an orchard, or for other agricultural purposes with some disturbance caused by construction of that structure or the former residence located there.

Three stratigraphic sequences indicative of disturbed or wetland related soils were encountered by the 17 shovel tests excavated within the northern portion of Lot number 1, which is currently used by the Family Tree Service Company. One sequence indicated filling, grading, and other ground disturbance had occurred there, probably as a result of landscaping and the use of the area as a vehicle storage lot and cut wood storage area for the tree service. The second and third sequences were encountered in the north central portion of Lot 1 within a low-lying, damp area along the margin of a wetland type environmental setting.

## 3.1.2 Stratigraphic Sequences Within Lot Number 82

Four stratigraphc sequences were encountered by the 48 shovel tests excavated in Lot number 82 (65 Androvette Street). One of the sequences indicated the former presence of agricultural related soils overlying the natural sub-soil. The other three sequences indicated localized or otherwise restricted areas of filling, soil removal (stripping), or other ground disturbance. The nature of the stratigraphy indicated that portions of Lot 82 in the vicinity of the existing house at 65 Androvette Street previously had been cultivated or used as an orchard with some disturbance caused by construction of that structure or the associated outbuildings.

#### 3.1.3 Stratigraphic Sequences Within Lot Number 80

Two stratigarphic sequences were encountered by the five shovel tests excavated in Lot 80 (83 Androvette Street). One sequence represented graded or fill soil, consisting of a mix of sub-soil and former agricultural soils, which extended across much of the grassy back yard. The second sequence consisted of recently formed sod overlying a wetland type soil deposit.

#### 3.1.4 Excavation Trenches and Area Soil Removal – Lot Number 1

The six excavation trenches placed within Lot 1 and the subsequent area soil removal activity did not encounter any structural remains or potentially significant deposits associated with the pre-1874 residence formerly located on the lot. The trenching did identify disturbed/fill soils that may be associated with the demolition of the house or subsequent grading of the area. The current residence on Lot 1 (53 Androvette Street) is located within the former backyard for the pre-1874 house. Any archaeological features associated with the earlier structure likely would have been situated within its backyard and destroyed when the current house was constructed.

## 3.1.5 Excavation Trenches and Area Soil Removal – Lot Number 82

The three excavation trenches placed within Lot 82 and the subsequent area soil removal activity did not encounter any structural remains or potentially significant deposits associated with the occupation of the existing residence on the lot (65 Androvette Street). The remains of a buried red brick patio-like structure, likely of relatively recent origin, was found just below the modern sod and humus at the northeast corner of the house. Disturbed/fill deposits encountered in the three excavation trenches below the near surface soils and the partially demolished red brick patio at the rear of the house likely were associated with construction of the existing residence and/or its patio.

#### 3.2 Recommendations

Based upon the results of the fieldwork, no additional archaeological investigations are recommended for the proposed Charleston Towers project area.

## 4.0 REFERENCES CITED

- Boesch, Eugene J.
  - 2009 Phase IA Archaeological Investigation of the Area of Potential Effect for the Charleston Towers Project Area, 55 Androvette Street (Formerly 53, 65, and 83 Androvette Street) Block 7407, Lots 1, 82, and 80, Staten Island/Richmond County, New York City, New York. Prepared for 65 Androvette Street, LLC. Staten Island, New York.
- Conti, Alfredo
  - 2009 "Declaration for Block 7404, Lots 1, 80, and 82." Copy on file at the Office of Richmond County Clerk, Staten Island, New York.
- New York Archaeological Council
  - 1994 <u>Standards for Cultural Resource Investigations and the Curation of Archaeological</u> <u>Collections in New York State</u>. Prepared by the New York Archaeological Council. Adopted by the New York State Office of Parks, Recreation and Historic Preservation.
- 2000 <u>Cultural Resource Standards Handbook</u>. <u>Guidance for Understanding and Applying the</u> <u>New York State Standards for Cultural Resource Investigations</u>. The New York Archaeological Council. Adopted by the New York State Office of Parks, Recreation and Historic Preservation.
- New York State Office of Parks, Recreation and Historic Preservation (NYSOPRHP) 2005 <u>New York State Historic Preservation Office (SHPO) Archaeological Report Format</u> <u>Requirements</u>. Prepared by the New York State Office of Parks, Recreation and Historic Preservation Waterford, New York.

#### Piccininni, Melissa

2009 Personal Communication. The Tides at Charleston, Residential Development, Staten Island, New York.

#### Rogers Surveying, PLLC

- 2006 <u>Androvette Street, Manley Street Staten Island, New York</u>. Prepared by Rogers Surveying, PLLC, Staten Island, New York.
- Santucci, Gina
  - 2006 <u>Environmental Review 65 Androvette Street Senior Housing</u>. The City of New York Landmarks Preservation Commission, New York, New York.
  - 2007 <u>Environmental Review 65 Androvette Street Senior Housing</u>. The City of New York Landmarks Preservation Commission, New York, New York.

#### United States Geological Survey

1974 <u>Arthur Kill, New York – New Jersey, 7.5 Minute Series (Topographic)</u>. United States Department of the Interior, Geological Survey, Washington, D.C.

FIGURES

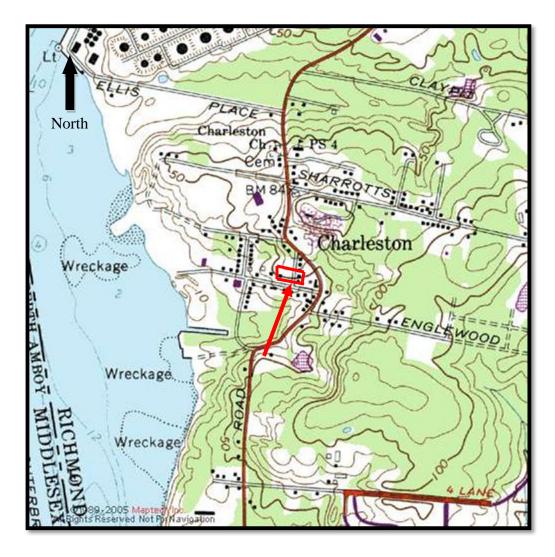
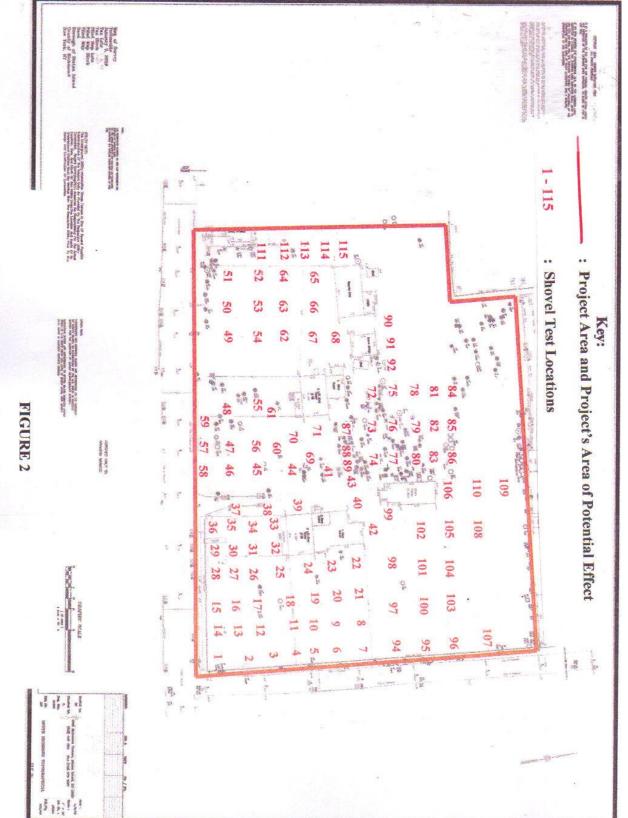


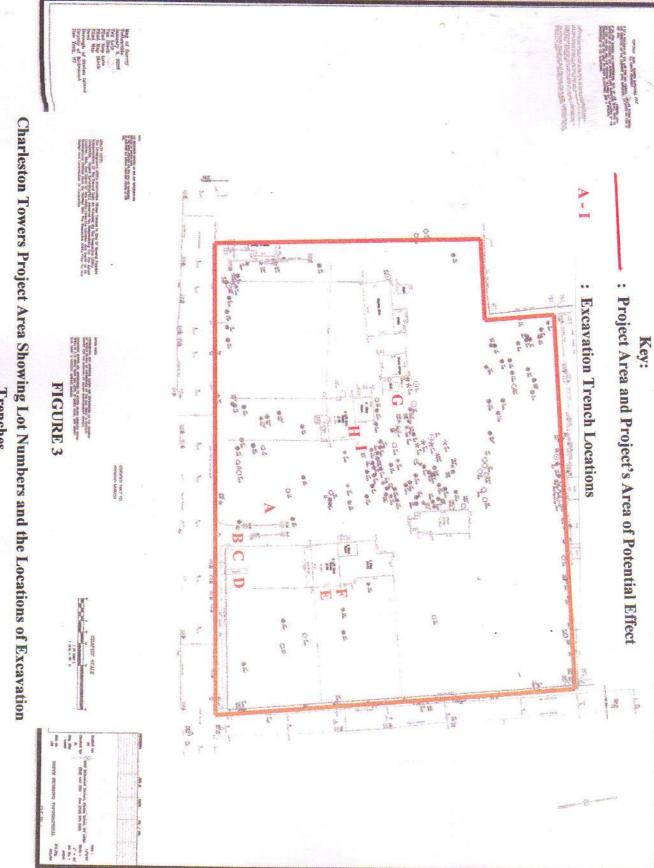
FIGURE 1 Charleston Towers Project Area Location Base Map Source: United States Geological Survey 1975 Scale of Original: 1:24,000 Contour Interval: 10 feet Arrow indicates approximate location of the project area.



Base Map Source: Rogers Surveying, PLLC 2006

**Archaeological Shovel Tests** 

Charleston Towers Project Area Showing Lot Numbers and the Locations of



Base Map Source: Rogers Surveying, PLLC 2006

Trenches

PHOTOGRAPHS



PHOTOGRAPH 1 Residence at 53 Androvette Street Block 7407 Lot 1 View is to the North



PHOTOGRAPH 2 West Side of Residence at 53 Androvette Street Showing Brick Paved Driveway Block 7407 Lot 1 View is to the North



PHOTOGRAPH 3 Rear Portion of Residence at 53 Androvette Street Showing 1-Story Addition Block 7407 Lot 1 View is to the South



PHOTOGRAPH 4 Residence at 53 Androvette Street and Front and Side Lawn Block 7407 Lot 1 View is to the Northeast



PHOTOGRAPH 5 53 Androvette Street and Front and Side Lawns Block 7407 Lot 1 View is to the East



PHOTOGRAPH 6 53 Androvette Street – Commercial Vehicle Parking Area in Northernmost Portion of Lot Block 7407 Lot 1 View is to the Southwest



PHOTOGRAPH 7 53 Androvette Street – Paved Commercial Area in Northernmost Portion of Lot Showing Garage and Wood Pile Block 7407 Lot 1 View is to the West



PHOTOGRAPH 8 53 Androvette Street – Northern Portion of Lot Showing Garage Block 7407 Lot 1 View is to the Southwest



PHOTOGRAPH 9 North Central Portion of 53 Androvette Street Block 7407 Lot 1 View is to the East



PHOTOGRAPH 10 Northwest Portion of 53 Androvette Street Block 7407 Lot 1 View is to the Northeast



PHOTOGRAPH 11 Residence at 65 Androvette Street Block 7407, Lot 82 View is to the Northwest



PHOTOGRAPH 12 Residence at 65 Androvette Street Block 7407, Lot 82 View is to the Northeast



PHOTOGRAPH 13 Residence at 65 Androvette Street and Lawn West of Building Block 7407, Lot 82 View is to the East



PHOTOGRAPH 14 Lawn South of Residence at 65 Androvette Street Block 7407, Lot 82 View is to the East



PHOTOGRAPH 15 Wooded Area North of Residence at 65 Androvette Street Block 7407, Lot 82 View is to the Northeast



PHOTOGRAPH 16 Outbuilding Northwest of Residence at 65 Androvette Street Block 7407, Lot 82 View is to the North



PHOTOGRAPH 17 Disturbed/Excavated Area North of Residence at 65 Androvette Street Block 7407, Lot 82 View is to the Southeast



PHOTOGRAPH 18 Wetland in Northwest Portion of 83 Androvette Street Block 7407, Lot 80 View is to the West



PHOTOGRAPH 19 Residence at 83 Androvette Street Block 7407, Lot 80 View is to the North



PHOTOGRAPH 20 Lawn and Other Vegetation Behind Residence at 83 Androvette Street Block 7407, Lot 80 View is to the North



Locations of Excavation Trenches A-F



**Excavation Trench A – Typical West Profile** 



Excavation Trench B – Typical West Profile



**Excavation Trench C – Typical East Profile** 



**Excavation Trench D – Typical East Profile** 



**Excavation Trench E – Typical South Profile** 



**Excavation Trench F – Typical South Profile** 



**Excavation Trench G – Typical South Profile** 



Excavation Trench H – Typical East Profile



Excavation Trench I – Typical East Profile

APPENDICES

### APPENDIX A

### ARCHAEOLOGICAL STRATIGRAPHY AND ARTIFACT INVENTORY

### SHOVEL TESTS

### LOT 1

#### SHOVEL TEST 1

**Depth (in.):** 0-2 **Depth (in.):** 2-5 **Depth (in.):** 5-8 Stratum: IV **Depth (in.):** 8-12 Description: Yellow Brown Sandy Silt with Dark Brown Sandy Silt Mottling Cultural Materials: None Stratum: V Depth (in.): 12-16 Description: Yellow Brown Sand Cultural Materials: None **SHOVEL TEST 2** Stratum: I Depth (in.): 0 - 2 **Description:** Sod Cultural Materials: None

Stratum: II **Description:** Gray Black Sandy Silt **Cultural Materials:** 

1 fragment coal. wt.: 14.2 grams

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials: None

Depth (in.): 5-8

**Depth (in.):** 2 -5

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II **Description:** Gray Black Sandy Silt **Cultural Materials:** 

2 fragments mortar, wt.: 4.6 grams

Stratum: III **Description:** Dark Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow/Brown Silty Sand with Dark Brown Mottling	<b>Depth (in.):</b> 8-10
Cultural Materials: None	
Stratum: V Description: Yellow Brown Sand Cultural Materials: None	<b>Depth (in.):</b> 10-20
SHOVEL TEST 3	
Stratum: I	<b>Depth (in.):</b> 0 - 3
Description: Sod Cultural Materials: None	
Stratum: II	<b>Depth (in.):</b> 3-5
<b>Description:</b> Gray Black Sandy Silt <b>Cultural Materials:</b>	
2 fragments coal, wt.: 5.9 grams	
2 asphalt shingle fragments	
Stratum: III Description: Dark Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 5-8
Stratum: IV Description: Yellow/Brown Silty Sand with Dark Brown Mottling Cultural Materials: None	<b>Depth (in.):</b> 8-14
Stratum: V Description: Yellow Brown Sand Cultural Materials: None	<b>Depth (in.):</b> 14-20
SHOVEL TEST 4	
Stratum: I	<b>Depth (in.):</b> 0-2
<b>Description:</b> Brown Black Sandy Silt <b>Cultural Materials:</b> None	
Stratum: II	<b>Depth (in.):</b> 2-3
<b>Description:</b> Dark Gray Brown Sandy Silt <b>Cultural Materials:</b>	
3 fragments coal, wt.: 18.6 grams	

#### **Stratum:** III **Description:** Gray Brown Sandy Silt **Cultural Materials:**

**Depth (in.):** 3-12

wire nail – oxidized
 fragment blue green tinted flat glass

1 fragment blue green tinted bottle glass

Stratum: IVDepth (in.): 12-16Description:Dark Yellow Brown Sandy SiltCultural Materials:None

Stratum: V Description: Yellow Brown Sand Cultural Materials: None Depth (in.): 16-20

### SHOVEL TEST 5

Stratum: I Description: Brown Black Sandy Silt Cultural Materials:

2 fragments green and white plastic

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials:

1 white plastic tube

Stratum: III Description: Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Gray Brown Sandy Silt Cultural Materials: None

Stratum: V Description: Brown Sandy Silt Cultural Materials: None

Stratum: VI Description: Yellow Brown Sandy Silt Cultural Material: None **Depth (in.):** 2-3

Depth (in.): 0-2

**Depth (in.):** 3-4

Depth (in.): 4 - 9

**Depth (in.):** 9 -14

Depth (in.): 14-20

Stratum: I Description: Dark Brown Black Sandy Silt Cultural Materials: None

Stratum: II Description: Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Brown Sandy Silt **Cultural Materials:** 

1 fragment undecorated (plain) whitewear 1 fragment coal, wt.: 3.8 grams

Stratum: IV **Depth (in.):** 13-15 Description: Yellow Brown Sandy Silt with Brown Sandy Silt mottling Cultural Materials: None

Stratum: V Description: Yellow Brown Sand Cultural Materials: None

#### **SHOVEL TEST 7**

Stratum: I Description: Black Sandy Silt **Cultural Materials:** 

1 fragment coal, wt.: 8.7 grams

Stratum: II Description: Dark Gray Brown Sandy Silt **Cultural Materials:** 

1 fragment coal, wt.: 7.8 grams

Stratum: III Description: Orange Brown Sand **Cultural Materials:** 

1 fragment blue transfer printed whiteware

1 fragment coal; wt.: 5.8 grams

Depth (in.): 1-2

Depth (in.): 7-21

Depth (in.): 0 -1

Depth (in.): 15-20

Depth (in.): 7-13

Depth (in.): 1-7

Depth (in.): 0 -1

Stratum: IV Description: Yellow Brown Sand Cultural Materials: None **Depth (in.):** 21-25

SHOVEL TEST 8		
Stratum: I Description: Black Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 0 -2	
1 fragment clear glass		
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 2-3	
1 fragment coal, wt.: 1.9 grams		
Stratum: III Description: Orange Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 3-18	
1 fragment clear glass1 fragment blue green bottle glass	gment hard shell clam, wt.: 7.9 grams	
Stratum: V Description: Yellow Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 18-19	
Stratum: I Description: Sod Cultural Materials: None	SHOVEL TEST 9 Depth (in.): 0 - 2	
Stratum: II Description: Dark Gray Brown Sand Cultural Materials:	<b>Depth (in.):</b> 2-3	
1 fragment undecorated (plain) redware 7 fragments coal, wt.: 16.2 grams	1 fragment clear glass	
Stratum: III Description: Gray Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 3-13	
3 fragments slag, wt.: 4.6 grams		

Stratum: IV Depth (in): 13-15 Description: Yellow Brown Sandy Silt with Gray Brown Sandy Silt mottling Cultural Materials: None

Stratum: V Description: Yellow Brown Sand Cultural Materials: None

Depth (in): 15-20

### **SHOVEL TEST 10**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray/Brown Sandy Silt **Cultural Materials:** 

1 fragment hard shell clam; wt.: 2.3 grams 1 fragment coal, wt.: 8.4 grams

#### Stratum: III Description: Gray Black Sandy Silt **Cultural Materials:**

1 fragment light blue transfer printed whiteware 1 fragment gray bodied salt glazed stoneware 1 fragment undecorated plain refine earthenware (pearlware)

1 fragment slag, wt.: 6.2 grams

Stratum: IV Depth (in.): 8-10 Description: Gray Brown Sandy Silt with Yellow Brown Sandy Silt mottling Cultural Materials: None

Stratum: V Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: VI Description: Yellow Brown Sand Cultural Materials: None

**SHOVEL TEST 11** 

Stratum: I Description: Sod Cultural Materials: None Depth (in.): 0 -1

Depth (in): 10-14

Depth (in): 14-20

Depth (in.): 2-8

Depth (in.): 0 -1

Depth (in.): 1-2

2 fragments hard shell clam, wt.: 19.6 grams 1 fragment coal, wt.: 2.8 grams Depth (in.): 2-9 Stratum: III Description: Dark Brown Sandy Silt **Cultural Materials:** 1 fragment brown glazed ironstone 1 fragment amber tinted curved glass 4 fragments slag; wt.: 2.6 grams Depth (in.): 9-13 Stratum: IV Description: Yellow Brown Sandy Silt with Dark Brown Sandy Silt mottling Cultural Materials: None Stratum: V Depth (in.): 13-15 **Description:** Yellow Brown Sandy Silt Cultural Materials: None **SHOVEL TEST 12** Stratum: I Depth (in.): 0 -2 **Description:** Sod Cultural Materials: None Stratum: II Depth (in.): 2-3 Description: Dark Gray/Brown Sandy Silt Cultural Materials: None Stratum: III Depth (in.): 3-8 **Description:** Gray Black Sandy Silt **Cultural Materials:** 3 fragments hard shell clam, wt.: 21.6 grams 4 fragment coal, wt.: 12.9 grams 1 fragment slag, wt.; 3.8 grams Stratum: IV Depth (in.): 8-22 Description: Yellow Brown Sandy Silt with Gray Black Sandy Silt mottling Cultural Materials: None

Stratum: V Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: II

**Cultural Materials:** 

Description: Dark Gray/Brown Sandy Silt

**Depth (in):** 22-25

**Depth (in.):** 1-2

SHOVEL TEST 13		
Stratum: I Description: Sod Cultural Materials: None	<b>Depth (in.):</b> 0 – 2	
Stratum: II Description: Dark Gray/Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 2-3	
2 fragments slag, wt.: 10.6 grams 1 fragment coal, wt.: 2.2 grams		
Stratum: III Description: Dark Brown Black Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 3 -8	
Stratum: IV Description: Yellow Brown Sandy Silt with dark Brown Sandy Silt m Cultural Materials: None	Depth (in.): 8-16 nottling	
Stratum: V Description: Yellow Brown Sandy Silt Cultural Materials: None	<b>Depth (in):</b> 16-21	
Stratum: VI Description: Yellow Brown Sand Cultural Materials: None	<b>Depth (in):</b> 21-25	
SHOVEL TEST 14		
Stratum: I Description: Sod Cultural Materials: None	Depth (in.): 0-2	
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:	Depth (in.): 2-3	
4 fragments slag, wt.: 9.6 grams 1 fragment coal, wt.: 2.5 grams		

**Depth (in): 25-28** 

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 3-9
1 fragment undecorated (plain) refined earthenware (pearlware)	
Stratum: IV Description: Brown Sand y Silt Cultural Materials: None	<b>Depth (in.):</b> 9-14
Stratum: V Description: Yellow Brown Sandy Silt with Brown sandy Silt mottlin Cultural Materials: None	<b>Depth (in):</b> 14-17
Stratum: VI Description: Yellow Brown Sandy Silt Cultural Materials: None	<b>Depth (in):</b> 17-20
SHOVEL TEST 15 Stratum: I Description: Sod Cultural Materials: None	<b>Depth (in.):</b> 0 -2
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 2-3
Stratum: III Description: Gray Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 3-5
1 fragment clear glass 3 fragments coal, wt.: 7.2 grams 2 fragments slag, wt.: 3.3 grams	
Stratum: IV Description: Gray Black Sandy Silt with Brown Sandy Silt mottling Cultural Materials: None	<b>Depth (in.):</b> 5-10
Stratum: V Description: Brown Sand Cultural Materials: None	<b>Depth (in):</b> 10- 20

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt **Cultural Materials:** 

1 fragment dark green bottle glass 2 fragments coal, wt.: 2.7 grams

Stratum: III Description: Gray Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Brown Sandy Silt **Cultural Materials:** 

6 fragments slag, wt.: 27.5 grams

Depth (in): 13-14 Stratum: V Description: Brown Sandy Silt with Yellow Brown Sandy Silt mottling Cultural Materials: None

Stratum: VI Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: VII Description: Yellow Brown Sand Cultural Materials: None

### SHOVEL TEST 17

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt **Cultural Materials:** 

**Depth (in.):** 2-3

**Depth (in.):** 0 -2

2 fragments coal, wt.: 5.6 grams

1 fragment slag, wt.: 4.1 grams

Depth (in.): 0 -2

Depth (in.): 2-3

Depth (in.): 7-13

Depth (in): 16-20

**Depth (in):** 14-16

**Depth (in.):** 3-7

Stratum: III		
Description:	Dark Brown Black Brown Sandy Silt	
Cultural Materials:		

1 fragment hard shell clam, wt. 13.6 grams

Stratum: IV Description: Gray Brown Silty Sand Cultural Materials: None

Stratum: V Description: Yellow/Brown Sandy Silt Cultural Materials: None **Depth (in.):** 6-19

Depth (in.): 19-22

#### SHOVEL TEST 18

**Depth (in.):** 0 - 2

**Depth (in.):** 2 – 3

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray/Brown Sandy Silt Cultural Materials:

1 fragment clear glass

Stratum: III Description: Dark Brown Black Sandy Silt Cultural Materials:

27 fragments coal, wt.: 56.8 grams30 fragments coal, wt.: 67.5 grams1 fragment cobalt blue hand painted refined earthenware (pearlware)

**Stratum:** IV **Description:** Gray Brown Silty Sand **Cultural Materials:** 

1 fragment hard shell clam, wt.: 6.8 grams

Stratum: V Depth (in.): 8-14 Description: Yellow Brown Sandy Silt with Gray Brown Sandy Silt mottling Cultural Materials: None

Stratum: VI Description: Yellow Brown Sand Cultural Materials: None **Depth (in.):** 3-6

**Depth (in.):** 6-8

**Depth (in):** 14-20

**Depth (in.):** 3-6

Stratum: I Description: Sod Cultural Materials: None	<b>Depth (in.):</b> 0 - 2
Stratum: II Description: Dark Gray/Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 2-3
1 fragment blue plastic	
Stratum: III Description: Brown Black Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 3-6
1 fragment undecorated (plain) whiteware	
Stratum: IV Description: Gray Brown Silty Sand Cultural Materials: None	<b>Depth (in.):</b> 6-8
Stratum: V Description: Yellow Brown Sandy Silt with Gray Brown Cultural Materials: None	<b>Depth (in.):</b> 8-14 Sandy Silt mottling
Stratum: VI Description: Yellow Brown Sand Cultural Materials: None	<b>Depth (in.):</b> 14-20
SHOVEL T	EST 20
Stratum: I Description: Sod Cultural Materials: None	<b>Depth (in.):</b> 0 -2
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 2-3
Stratum: III Description: Dark Gray Black Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 3-7

fragment hand painted green pearlware
 fragments clear window glass
 fragment oyster shell; wt.: 2.1 grams

Stratum: V Description: Yellow/Brown Sandy Silt Cultural Materials: None

Stratum: VI Description: Yellow Brown Sand Cultural Materials: None

Depth (in.): 12-15

Depth (in): 15-20

# **SHOVEL TEST 21**

**Depth (in.):** 0 -2

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt **Cultural Materials:** 

1 fragment clear glass

Stratum: III Description: Dark Gray Brown Sandy Silt **Cultural Materials:** 

2 fragments coal, wt.: 6.5 grams 4 fragments slag, wt.: 7.9 grams 1 fragment hard shell clam, wt.: 3.4 grams

Stratum: IV Description: Dark Gray Brown Sandy Silt with Yellow Brown Sandy Silt mottling Cultural Materials: None

Stratum: V Description: Yellow/Brown Sandy Silt Cultural Materials: None

**SHOVEL TEST 22** 

Depth (in.): 0 - 2

Depth (in.): 3-8

Depth (in.): 8-17

Depth (in.): 17-20

1 fragment clear plastic

Stratum: I

Description: Sod **Cultural Materials:** 

Depth (in.): 2-3

Depth (in.): 7-12

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:

5 fragments coal, wt.: 6.1 grams
3 fragments slag, wt.: 5.9 grams
2 fragment hard shell clam, wt.: 3.9 grams
1 fragment yellow bodied ceramic paste, no glaze present

Stratum: IV

Depth (in.): 8-20

Depth (in.): 20-25

**Description:** Yellow Brown Sandy Silt with Dark Brown Sandy Silt mottling **Cultural Materials:** None

Stratum: V Description: Yellow Brown Sandy Silt Cultural Materials: None

Cultural Materials: None

Stratum: I Description: Dark Gray Brown Sandy Silt Cultural Materials: None	SHOVEL TEST 23 Depth (in.): 0 - 2
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 2-3
Stratum: III Description: Dark Brown Black Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 3-6
7 fragments coal, wt.: 16.4 grams 5 fragments slag, wt.: 4.9 grams	
Stratum: IV Description: Dark Brown Sandy Silt with Y Cultural Materials: None	<b>Depth (in.):</b> 6-13 Tellow Brown Sandy Silt mottling
Stratum: V Description: Yellow Brown Sand	<b>Depth (in.):</b> 13-18

**Depth (in.):** 2 -3

**Depth (in.):** 3-8

**Depth (in.):** 0 - 2

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:

1 fragments red brick, wt.: 9.8 grams

Stratum: III Description: Dark Gray Brown Sandy Silt Cultural Materials: **Depth (in.):** 2 -4

**Depth (in.):** 4-6

fragment undecorated (plain) refined earthenware (pearlware)
 fragment green tinted curved glass
 fragment copper alloy circular rod – battery fragment; wt.: 17.6 grams
 wire nail spike – oxidized
 fragments coal, wt.: 18.6 grams
 fragments slag, wt.: 14.9 grams

Stratum: IV Depth (in.): 6-16 Description: Dark Brown Sandy Silt with Yellow Brown Sandy Silt mottling Cultural Materials: None

Stratum: V Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: VI Description: Yellow Brown Sand Cultural Materials: None **Depth (in.):** 16-18

**Depth (in.):** 18-20

SHOVEL TEST 25

**Depth (in.):** 0 - 2

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Black Sandy Silt Cultural Materials:

fragment clear glass
 fragment unglazed redware

Depth (in.): 2-4

# Stratum: III Depth (in.): 4-16 Description: Dark Brown Sandy Silt **Cultural Materials:** 1 fragment coal, wt.: 2.5 grams 6 fragments slag, wt.: 17.8 grams 1 fragment hard shell clam, wt.: 4.8 grams Stratum: IV **Depth (in):** 23-26 Description: Yellow Brown Sandy Silt with Dark Brown Sandy Silt mottling Cultural Materials: None Stratum: V Depth (in): 26-30 Description: Yellow Brown Sand Cultural Materials: None **SHOVEL TEST 26** Stratum: I **Depth (in.):** 0 -2 Description: Black Sandy Silt Cultural Materials: None Stratum: II **Depth (in.):** 2-3 Description: Dark Gray Brown Sandy Silt Cultural Materials: None Stratum: III Depth (in.): 3-16 Description: Dark Brown Sandy Silt **Cultural Materials:** 8 fragments coal, wt.: 9.8 grams 11 fragments slag, wt.: 21.8 grams Stratum: IV **Depth (in.):** 16-23 Description: Dark Brown Sandy Silt with Yellow Brown Sandy Silt Cultural Materials: None Stratum: V Depth (in.): 23-26 Description: Yellow Brown Sandy Silt Cultural Materials: None Stratum: VI Depth (in.): 26-29 **Description:** Yellow Brown Sand Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt **Cultural Materials:** 

1 fragment undecorated (plain) whiteware 2 fragments coal, wt.: 8.5 grams 3 fragments slag, wt.: 6.9 grams 6 fragment hard shell clams, wt.: 7.4 grams **Depth (in.):** 2 – 4

Stratum: IV Depth (in.) 6-13 Description: Yellow Brown Sandy Silt with Dark brown Sandy Silt mottling Cultural Materials: None

Stratum: V Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: VI Description: Yellow Brown Sand Cultural Materials: None

#### **SHOVEL TEST 28**

Depth (in.): 0-2

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Brown Sandy Silt **Cultural Materials:** 

4 fragments coal, wt.: 18.9 grams 8 fragments slag, wt.: 4.7 grams 3 fragments hard shell clam, wt.: 8.6 grams Depth (in.): 2-3

Depth (in.): 3-14

Depth (in.) 13-16

Depth (in.) 16-20

**Depth (in.):** 4-6

**Depth (in.):** 0 - 2

Stratum: IVDepth (in.): 14-16Description: Yellow Brown Sandy Silt with Dark brown Sandy Silt mottlingCultural Materials: None

<b>Stratum:</b> IV <b>Description:</b> Yellow Brown Sandy Silt <b>Cultural Materials:</b> None		Depth (in.): 16-22
Stratum: I Description: Sod Cultural Materials: None	SHOVEL TEST 29	<b>Depth (in.):</b> 0 - 2
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None		<b>Depth (in.):</b> 2 - 5
Stratum: III Description: Brown Sandy Silt Cultural Materials: None		<b>Depth (in.):</b> 5 -20
Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None		Depth (in.): 20-22
Stratum: I Description: Sod Cultural Materials: None	SHOVEL TEST 30	<b>Depth (in.):</b> 0 - 2
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None		<b>Depth (in.):</b> 2 - 5
Stratum: III Description: Brown Sandy Silt Cultural Materials:		<b>Depth (in.):</b> 5 -18
2 fragments coal, wt.: 9.5 grams 4 fragments slag, wt.: 12.9 grams		
Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None		Depth (in.): 18-20

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt **Cultural Materials** 

Stratum: IV Description: Yellow Brown Sandy Silt with Dark Brown Sandy Silt mottling Cultural Materials: None

Cultural Materials: None

Stratum: V Description: Yellow Brown Sand Cultural Materials: None

#### **SHOVEL TEST 32**

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt **Cultural Materials:** 

1 fragment clear flat glass

Stratum: III Description: Dark Brown Sandy Silt **Cultural Materials:** 

3 cut nails - oxidized 1 fragment blue painted refined earthenware (pearlware) 1 fragment undecorated (plain) whiteware 8 fragments coal, wt.: 16.5 grams 6 fragments slag, wt.: 12.9 grams

Stratum: IV Description: Yellow Brown Sandy Silt with Dark Brown Sandy Silt mottling Cultural Materials: None

Depth (in.): 2-5

Depth (in.): 0-2

Depth (in.): 5-16

**Depth (in.):** 16-22

Depth (in.): 22-26

Depth (in.): 0 - 2

Depth (in.): 2 - 3

Depth (in.): 3-18

Depth (in.): 18-19

Stratum: V Description: Yellow Brown Sand Cultural Materials: None **Depth (in.):** 19-26

SHOVEL TEST 33	
Stratum: I Description: Sod Cultural Materials: None	Depth (in.): 0-2
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 2-3
Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 3-18
1 fragment red brick, wt.: 8.9 grams 2 fragments coal, wt.: 2.5 grams 4 fragments slag, wt.: 4.9 grams	
Stratum: IV Description: Yellow Brown Sandy Silt with Dark Brown Cultural Materials: None	<b>Depth (in.):</b> 18-21 n Sandy Silt mottling
Stratum: V Description: Yellow Brown Sand Cultural Materials: None	<b>Depth (in.):</b> 21-26
SHOVEL ' Stratum: I Description: Sod Cultural Materials: None	TEST 34 Depth (in.): 0 -2
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 2-4
Stratum: II Description: Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 4-18
Stratum: V Description: Yellow Brown Sandy Silt with Brown Sand Cultural Materials: None	<b>Depth (in.):</b> 18-20 dy Silt mottling

Stratum: VI Description: Yellow Brown Sand Cultural Materials: None Depth (in.): 20-21

Cultural Materials: None			
	SHOVEL TEST 35		
Stratum: I Description: Sod Cultural Materials: None		<b>Depth (in.):</b> 0 -2	
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None		<b>Depth (in.):</b> 2-3	
Stratum: III Description: Brown Sandy Silt Cultural Materials: None		<b>Depth (in.):</b> 3-17	
Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None		Depth (in.): 17-22	
Stratum: I Description: Sod Cultural Materials: None	SHOVEL TEST 36	<b>Depth (in.):</b> 0 - 2	
Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None		<b>Depth (in.):</b> 2 -3	
Stratum: III Description: Dark Brown Sandy Silt Cultural Materials: None		<b>Depth (in.):</b> 3-18	
Stratum: IV Description: Yellow Brown Sandy Silt Cultural Material: None		<b>Depth (in.):</b> 18-24	
	SHOVEL TEST 37		
Stratum: I Description: Sod Cultural Materials: None		<b>Depth (in.):</b> 0 -2	
Stratum: II		<b>Depth (in.):</b> 2-3	

**Description**: Dark Gray Brown Sandy Silt **Cultural Materials:** None Stratum: III Description: Dark Gray Brown Sandy Silt with Yellow Brown Sandy Silt mottling Cultural Materials: None

Stratum: IV Description: Yellow Brown Sand Cultural Materials: None

#### **SHOVEL TEST 38**

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III **Description:** Brown Sandy Silt **Cultural Material:** 

1 fragment light blue green tinted flat glass

Stratum: IV Description: Orange Brown Silt mottled with Rust Orange Sandy Silt Cultural Materials: None

**SHOVEL TEST 39** 

Stratum: I **Description:** Brown Sandy Silt Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Depth (in.): 2-32 Description: Orange Brown mixed and mottled with Brown Sandy Silt Cultural Materials: None

1 red brick footing extending from west foundation wall of 53 Androvette Street house 1 fragment hard shell clam, wt.: 7.9 grams

Depth (in.): 0 -1

**Depth (in.):** 1-2

**Depth (in.):** 1-2

**Depth (in.):** 2-3

Depth (in.): 3-10

Depth (in.): 0 -1

Depth (in.): 3-10

Depth (in.): 10-15

Stratum: I Depth (in.): 0 -2 Description: Sod Cultural Materials: None Stratum: II Depth (in.): 2-4 **Description:** Black Sandy Silt Cultural Materials: None Stratum: III Depth (in.): 4-10 Description: Orange Brown Sandy Silt mottled with Black Sandy Silt Cultural Materials: None Stratum: IV Depth (in.): 10-20 Description: Ash, Slag and Coal **Cultural Materials:** 25 fragments coal, wt.: 45.7 grams 30 fragments slag, wt.: 27.6 grams Stratum: V Depth (in.): 20-27 Description: Orange Brown Sand Cultural Materials: None **SHOVEL TEST 41** Stratum: I Depth (in.): 0-2 Description: Sod Cultural Materials: None Depth (in.): 2-9 Stratum: II Description: Gray Brown Sandy Silt Cultural Materials: None Depth (in.): 9-17 Stratum: III Description: Brown Sandy Silt **Cultural Materials:** 4 fragments red brick, wt.: 103.6 grams Stratum: IV Depth (in.): 17-20 Description: Yellow Brown Silty Sand Cultural Materials: None

Stratum: II Description: Gray Brown Sandy Silt Cultural Materials: None

Stratum: III **Description:** Concrete Slab Cultural Materials: None

Depth (in.): 3-4

**Depth (in.):** 0-3

Depth (in.): 4

# **SHOVEL TEST 43**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Yellow Brown Sandy Silt Cultural Materials: None

# **SHOVEL TEST 44**

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Brown Sandy Silt Cultural Materials: None Stratum: IV Description: Yellow Brown Sand Cultural Materials: None

**Depth (in.):** 0-2

**Depth (in.):** 2-3

Depth (in.): 3-19

Depth (in.): 19-25

Depth (in.): 0-2

Depth (in.): 2-3

Depth (in.): 3-30

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None **Depth (in.):** 2-6

**Depth (in.):** 0-2

**Depth (in.):** 6-15

**Depth (in.):** 15-18

# LOT 82

#### **SHOVEL TEST 46**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:

fragment mammal long bone; wt.: 15.6 grams
 fragment red brick; wt.: 3.4 grams
 machine cut nail – oxidized

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:

1 ball clay pipe bowl fragment 4 fragments coal, wt.: 4.8 grams

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None **Depth (in.):** 2-10

Depth (in.): 0-2

**Depth (in.):** 10-22

Depth (in.): 22-26

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:

2 fragments coal, wt.: 12.9 grams 2 fragments clear glass

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:

**Depth (in.):** 2-7

Depth (in.): 7-19

Depth (in.): 19-26

1 fragment unglazed redware

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### **SHOVEL TEST 48**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Clay Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:

1 fragment coal, wt.: 3.6 grams 3 fragments slag, wt.: 5.8 grams 1 machine cut nail

Stratum: IV Description: Yellow Brown Sand Cultural Materials: None **Depth (in.):** 0-2

**Depth (in.):** 2-4

Depth (in.): 4-24

Depth (in.): 24-28

Depth (in.): 0-2

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:

fragment white plastic
 fragment Styrofoam
 fragment green tinted bottle glass

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:

9 fragments coal, wt.: 14.7 grams 5 fragments slag, wt.: 16.8 grams

**Stratum:** IV **Description:** Yellow Brown Sandy Silt **Cultural Materials:** None **Depth (in.):** 2-7

**Depth (in.):** 0-2

**Depth (in.):** 7-10

Depth (in.): 10-15

#### SHOVEL TEST 50

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt with Orange Brown Sandy Silt Cultural Materials:

fragment coal; wt.: 8.9 grams
 fragments hard shell clam; wt.: 17.8 grams
 fragment mammal bone: wt.: 3.2 grams

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None **Depth (in.):** 0-2

**Depth (in.):** 2-3

**Depth (in.):** 3-7

Depth (in.): 7-10

**Depth (in.):** 0-2

Stratum: II **Depth (in.):** 2-5 Description: Dark Gray Brown Sandy Silt Cultural Materials: None Stratum: III **Depth (in.):** 5-15 Description: Dark Brown Sandy Silt **Cultural Materials:** 1 fragment undecorated (plain) creamware 5 fragments slag, wt.: 21.8 grams 7 fragments coal: 7.9 grams Stratum: IV Depth (in.): 15-20 Description: Yellow Brown Sandy Silt Cultural Materials: None SHOVEL TEST 52 Stratum: I **Depth (in.):** 0-3 Description: Sod Cultural Materials: None Stratum: II Depth (in.): 3-6 Description: Dark Gray Brown Sandy Silt Cultural Materials: None Stratum: III Depth (in.): 6-16 Description: Dark Brown Sandy Silt **Cultural Materials:** 5 fragments slag, wt.: 21.8 grams 7 fragments coal: 7.9 grams Stratum: IV Depth (in.): 16-20 Description: Yellow Brown Sandy Silt Cultural Materials: None **SHOVEL TEST 53** 

Stratum: I Description: Sod Cultural Materials: None **Depth (in.):** 0-2

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:

19 fragments slag, wt.: 26.9 grams 17 fragments coal: 27.8 grams

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None **Depth (in.):** 10-22

Depth (in.): 22-26

## SHOVEL TEST 54

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:

11 fragments slag, wt.: 33.1 grams 12 fragments coal: wt.: 17.2 grams

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### SHOVEL TEST 55

Stratum: I Description: Brown Sandy Silt Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None **Depth (in.):** 2-4

**Depth (in.):** 6-12

**Depth (in.):** 12-15

**Depth (in.):** 2-6

**Depth (in.):** 0-2

**Depth (in.):** 0-2

**Depth (in.):** 2-10

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:

1 fragment red brick, wt.: 56.7 grams

Stratum: IV Description: Orange Brown Sandy Silt: Cultural Materials: None

#### SHOVEL TEST 56

Stratum: I Description: Brown Sandy Silt Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials:

fragments slag, wt.: 2.9 grams
 fragments coal: wt.: 2.8 grams
 fragment hard shell clam, wt.: 6.7 grams

**Stratum:** IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### SHOVEL TEST 57

Stratum: I Description: Sod Cultural Materials:

1 fragment coal, wt.: 4.6 grams

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:

1 wire nail – oxidized
 1 fragment white plastic
 1 fragment hard shell clam, wt.: 13.2 grams

**Depth (in.):** 14-20

**Depth (in.):** 2-4

**Depth (in.):** 0-2

**Depth (in.):** 4-16

**Depth (in.):** 16-20

**Depth (in.):** 0-2

**Depth (in.):** 2-3

**Depth (in.):** 4-14

Stratum: III Description: Yellow Brown Sandy Silt Cultural Materials: None **Depth (in.):** 3-8

**SHOVEL TEST 58** Stratum: I **Depth (in.):** 0-2 **Description:** Sod **Cultural Materials:** 4 fragments slag, wt.: 7.9 grams 5 fragments coal: 14.3 grams Stratum: II **Depth (in.):** 2-7 Description: Dark Gray Brown Sandy Silt Cultural Materials: 4 fragments clear glass Stratum: III Depth (in.): 7-10 **Description:** Yellow Brown Sandy Silt Cultural Materials: None **SHOVEL TEST 59** Depth (in.): 0-2 Stratum: I **Description:** Sod Cultural Materials: None Stratum: II Depth (in.): 2-3 Description: Dark Gray Brown Sandy Silt **Cultural Materials:** 1 fragment yellow plastic Stratum: III **Depth (in.):** 3-8 Description: Orange Brown Sandy Silt Cultural Materials: None **SHOVEL TEST 60** Stratum: I **Depth (in.):** 0-2 **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:

1 fragment clear plastic Stratum: III Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

# SHOVEL TEST 61

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials:

2 fragments white plastic

Stratum: III Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### SHOVEL TEST 62

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Dept Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials:

3 fragments white plastic

**Depth (in.):** 2-6

**Depth (in.):** 6-12

**Depth (in.):** 12-15

Depth (in.): 0-2

Depth (in.): 2-10

Depth (in.): 10-20

**Depth (in.):** 20-25

**Depth (in.):** 0-2

**Depth (in.):** 2-4

**Depth (in.):** 4-13

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: I

Description: Sod

Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

**SHOVEL TEST 63** 

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV **Description:** Yellow Brown Sandy Silt Cultural Materials: None

**SHOVEL TEST 65** 

Stratum: I **Description:** Sod Cultural Materials: None Depth (in.): 13-25

Depth (in.): 0-2

Depth (in.): 2-5 **Depth (in.):** 5-12 Depth (in.): 12-24 **SHOVEL TEST 64** 

Depth (in.): 0-2

Depth (in.): 2-4

**Depth (in.):** 4-12

Depth (in.): 12-25

**Depth (in.):** 0-2

**SHOVEL TEST 66** Depth (in.): 0-2 Depth (in.): 2-4 **Depth (in.):** 4-14 Depth (in.): 14-24 SHOVEL TEST 67 Stratum: I Depth (in.): 0-2

Stratum: IV Description: Yellow Brown Sandy Silt

1 fragment hand painted blue floral pattern whiteware

Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt

Cultural Materials: None

Description: Dark Brown Sandy Silt

Cultural Materials: None

Cultural Materials: None

Stratum: I Description: Sod Cultural Materials: None

Stratum: II

Stratum: III

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt mottled with Yellow Brown Sandy Silt Cultural Materials: None

Depth (in.): 2-4

Depth (in.): 4-13

Depth (in.): 13-27

Depth (in.): 2-4

Depth (in.): 4-11

Stratum: IV **Description:** Yellow Brown Sandy Silt **Cultural Materials:** None **Depth (in.):** 11-22

SHOVEL TEST 68		
Stratum: I Description: Sod Cultural Materials: None	<b>Depth (in.):</b> 0-2	
Stratum: II Description: Dark Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 2-4	
1 fragment clear glass		
Stratum: III Description: Dark Brown Sandy Silt mottled with Yellow Brown Sand Cultural Materials:	<b>Depth (in.):</b> 4-11 dy Silt	
1 fragment hard shell clam, wt.: 7.9 grams		
Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None	Depth (in.): 11-23	
SHOVEL TEST 69		
Stratum: I Description: Sod Cultural Materials: None	<b>Depth (in.):</b> 0-2	
Stratum: II Description: Dark Brown Sandy Silt Cultural Materials:	<b>Depth (in.):</b> 2-4	
4 fragments coal, wt.: 7.8 grams		
Stratum: III Description: Dark Brown Sandy Silt mottled with Yellow Brown Sand Cultural Materials: None	<b>Depth (in.):</b> 4-10 dy Silt	
Stratum: IV	<b>Depth (in.):</b> 10-21	

Strat Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: IIIDepth (in.): 4-12Description: Dark Brown Sandy Silt mottled with Yellow Brown Sandy SiltCultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

## SHOVEL TEST 71

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: IIIDepth (in.): 4-13Description: Dark Brown Sandy Silt mottled with Yellow Brown Sandy SiltCultural Materials: None

1 fragment undecorated (plain) whiteware

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

SHOVEL TEST 72

Stratum: I Description: Sod Cultural Materials: None **Depth (in.):** 0-2

Depth (in.): 2-4

**Depth (in.):** 12-25

**Depth (in.):** 2-4

Depth (in.): 0-2

**Depth (in.):** 13-27

**Depth (in.):** 0-2

Cultural Materials: None Stratum: III

Description: Dark Brown Sandy Silt mottled with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt **Cultural Materials:** 

**Description:** Dark Brown Sandy Silt

3 fragments coal, wt.: 6.9 grams 1 fragment slag, wt.: 1.2 grams

Stratum: II

# **SHOVEL TEST 73**

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt mottled with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

## SHOVEL TEST 74

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Depth (in.): 4-10

**Depth (in.):** 10-21

**Depth (in.):** 0-2

**Depth (in.):** 2-4

**Depth (in.):** 4-12

Depth (in.): 12-23

**Depth (in.):** 0-2

**Depth (in.):** 2-4

Depth (in.): 4-11

**Stratum:** IV **Description:** Yellow Brown Sandy Silt **Cultural Materials:** None

Cultural Materials: None

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials:

1 fragment green plastic

Stratum: IIIDepth (in.): 5-13Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy SiltCultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### SHOVEL TEST 76

**SHOVEL TEST 75** 

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials:

1 fragment pink plastic

Stratum: III Depth (in.): 4-13 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None Depth (in.): 13-20

**Depth (in.):** 0-2

**Depth (in.):** 2-4

Depth (in.): 13-22

**Depth (in.):** 2-5

**Depth (in.):** 0-2

Depth (in.): 11-28

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

**Depth (in.):** 4-12 Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

## **SHOVEL TEST 78**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Depth (in.): 5-14 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt **Cultural Materials:** 

6 fragments coal, wt.: 31.3 grams 9 fragments slag, wt.: 18.6 grams 1 fragment red brick, wt.: 8.7 grams

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

**SHOVEL TEST 79** 

Stratum: I **Description:** Sod Cultural Materials: None Depth (in.): 0-2

Depth (in.): 14-21

**Depth (in.):** 2-5

Depth (in.): 0-2

Depth (in.): 2-4

Depth (in.): 0-2

Depth (in.): 12-21

#### Stratum: II Description: Dark Brown Sandy Silt **Cultural Materials:**

1 fragment coal, wt.: 3.7 grams 1 fragment cigarette filter

Stratum: III **Depth (in.):** 4-17 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV **Description:** Yellow Brown Sandy Silt Cultural Materials: None

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Depth (in.): 4-20 Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt **Cultural Materials:** 

1 fragment misc. metal, wt.: 32.1 grams 2 fragments red brick, wt.: 21.9 grams

Stratum: IV **Description:** Yellow Brown Sandy Silt Cultural Materials: None

## **SHOVEL TEST 81**

**SHOVEL TEST 80** 

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Depth (in.): 2-4

**Depth (in.):** 0-2

Depth (in.): 2-4

Depth (in.): 17-20

**Depth (in.):** 2-4

# Depth (in.): 0-2

Depth (in.): 20-30

#### Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt **Cultural Materials:**

13 fragments coal, wt.: 15.2 grams

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

## **SHOVEL TEST 82**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Depth (in.): 5-23 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

# **SHOVEL TEST 83**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III **Depth (in.):** 4-22 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt **Cultural Materials:** 

2 fragments undecorated (plain) whiteware

Depth (in.): 0-2

Depth (in.): 2-4

**Depth (in.):** 2-5

Depth (in.): 0-2

Depth (in.): 23-30

Depth (in.): 21-29

Depth (in.): 4-21

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

SHOVEL TEST 84

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: IIIDepth (in.): 5-24Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy SiltCultural Materials: None

**Stratum:** IV **Description:** Yellow Brown Sandy Silt **Cultural Materials:** None

## SHOVEL TEST 85

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials:

1 fragment orange plastic

Stratum: IIIDepth (in.): 5-15Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy SiltCultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None **Depth (in.):** 15-21

**Depth (in.):** 0-3

**Depth (in.):** 3-5

Depth (in.): 24-34

**Depth (in.):** 2-5

**Depth (in.):** 0-2

**Depth (in.):** 22-32

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Depth (in.): 5-15 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### **SHOVEL TEST 87**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Depth (in.): 5-16 Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### **SHOVEL TEST 88**

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Depth (in.): 0-2

**Depth (in.):** 2-5

Depth (in.): 15-23

**Depth (in.):** 2-5

Depth (in.): 16-21

**Depth (in.):** 2-5

Depth (in.): 0-2

Depth (in.): 0-2

Stratum: III	<b>Depth (in.):</b> 5-24
<b>Description:</b> Dark Brown Sandy Silt mixed with Yello <b>Cultural Materials:</b> None	w Brown Sandy Silt
2 fragments coal, wt.: 11.2 grams	
Stratum: IV Description: Yellow Brown Sandy Silt	<b>Depth (in.):</b> 24-20

**SHOVEL TEST 89** 

Stratum: I Description: Sod Cultural Materials: None

Cultural Materials: None

Cultural Materials: None

Stratum: II **Description:** Dark Brown Sandy Silt **Cultural Materials:** 

1 fragment clear glass 2 fragments blue green bottle glass

Stratum: III Depth (in.): 6-16 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV **Description:** Yellow Brown Sandy Silt Cultural Materials: None

#### **SHOVEL TEST 90**

Stratum: I Description: Black Sandy Silt Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

**Depth (in.):** 5-15

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt **Cultural Materials:** 

2 fragments mortar, wt.: 5.9 grams

# 1-26

Depth (in.): 0-3

**Depth (in.):** 3-6

Depth (in.): 16-24

**Depth (in.):** 0-2

**Depth (in.):** 2-5

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None **Depth (in.):** 15-23

SHOVEL TEST 91		
Stratum: I Description: Black Sandy Silt Cultural Materials: None	Depth (in.): 0-2	
Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 2-4	
Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Cultural Materials: None	<b>Depth (in.):</b> 4-17 9 Silt	
Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 17-20	
SHOVEL TEST 92		
Stratum: I Description: Black Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 0-2	
Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None	<b>Depth (in.):</b> 2-4	
Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Cultural Materials: None	<b>Depth (in.):</b> 4-23 9 Silt	
Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None	Depth (in.): 23-31	

Stratum: I Depth (in.): 0-2 **Description:** Black Sandy Silt Cultural Materials: None Stratum: II **Depth (in.):** 2-5 Description: Dark Brown Sandy Silt **Cultural Materials:** 1 fragment misc. metal, wt.: 6.9 grams Stratum: III Depth (in.): 5-16 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None Stratum: IV Depth (in.): 16-24 Description: Yellow Brown Sandy Silt Cultural Materials: None **SHOVEL TEST 94** Stratum: I Depth (in.): 0-2 Description: Black Sandy Silt Cultural Materials: None Stratum: II **Depth (in.):** 2-5 Description: Dark Brown Sandy Silt Cultural Materials: None Depth (in.): 5-15 Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None Stratum: IV Depth (in.): 15-23 Description: Yellow Brown Sandy Silt Cultural Materials: None **SHOVEL TEST 95** Stratum: I Depth (in.): 0-2 **Description:** Black Sandy Silt Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None **Depth (in.):** 2-4

Stratum: III Depth (in.): 4-16 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

Depth (in.): 16-24

## **SHOVEL TEST 96**

Stratum: I **Description:** Black Sandy Silt Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

**Depth (in.):** 2-5

Depth (in.): 0-2

Depth (in.): 5-24 Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### **SHOVEL TEST 97**

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt **Cultural Materials:** 

1 fragment pink plastic

Stratum: III **Depth (in.):** 6-15 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

Depth (in.): 15-22

Depth (in.): 0-3

**Depth (in.):** 3-6

Depth (in.): 24-36

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Depth (in.): 4-14 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### **SHOVEL TEST 99**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Depth (in.): 5-16 Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

#### **SHOVEL TEST 100**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

**Depth (in.):** 2-5

Depth (in.): 0-2

**Depth (in.):** 2-5

Depth (in.): 16-23

Depth (in.): 2-4

Depth (in.): 0-2

Depth (in.): 14-23

Depth (in.): 0-2

Stratum: III Depth (in.): 5-24 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt **Cultural Materials:** 

5 fragments coal, wt.: 6.8 grams

Stratum: IV **Description:** Yellow Brown Sandy Silt Cultural Materials: None

### SHOVEL TEST 101

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt **Cultural Materials:** 

1 fragment mortar, wt.: 2.1 grams

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV **Description:** Yellow Brown Sandy Silt Cultural Materials: None

## **SHOVEL TEST 102**

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Depth (in.): 5-15 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Depth (in.): 18-21

Depth (in.): 0-2

**Depth (in.):** 2-5

Depth (in.): 0-3

**Depth (in.):** 3-5

Depth (in.): 5-18

Depth (in.): 24-31

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

Stratum: I

Cultural Materials: None

Description: Sod

Stratum: II

Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Depth (in.): 5-16 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt **Cultural Materials:** 

1 fragment mammal bone, wt.: 4.2 grams

Stratum: IV **Description:** Yellow Brown Sandy Silt Cultural Materials: None

### SHOVEL TEST 104

**SHOVEL TEST 103** 

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III **Depth (in.):** 4-24 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV **Description:** Yellow Brown Sandy Silt Cultural Materials: None

Depth (in.): 15-22

Depth (in.): 0-2

Depth (in.): 2-5

Depth (in.): 16-25

**Depth (in.):** 2-4

Depth (in.): 24-34

**Depth (in.):** 0-2

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II **Description:** Dark Brown Sandy Silt **Cultural Materials:** 

1 fragment yellow plastic

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

### **SHOVEL TEST 106**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

### SHOVEL TEST 107

Stratum: I Description: Sod Cultural Materials: None Depth (in.): 0-3

**Depth (in.):** 3-5

**Depth (in.):** 5-15

Depth (in.): 15-21

**Depth (in.):** 0-2

**Depth (in.):** 2-6

Depth (in.): 6-14

Depth (in.): 14-21

## Depth (in.): 0-2

Stratum: III Depth (in.): 5-16 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None Stratum: IV Depth (in.): 16-25 **Description:** Yellow Brown Sandy Silt Cultural Materials: None **SHOVEL TEST 108** Stratum: I Depth (in.): 0-2 **Description:** Sod Cultural Materials: None Stratum: II **Depth (in.):** 2-5 Description: Dark Brown Sandy Silt Cultural Materials: None Stratum: III Depth (in.): 5-16 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None Stratum: IV Depth (in.): 16-25 Description: Yellow Brown Sandy Silt Cultural Materials: None **SHOVEL TEST 109** Stratum: I Depth (in.): 0-2 **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Gray Brown Sandy Silt Cultural Materials: None

Stratum: III **Description:** Rust Brown Sandy Silt mixed with Clay Cultural Materials: None

Depth (in.): 7-25

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

**Depth (in.):** 2-5

**Depth (in.):** 2-7

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Rust, Brown, Black Silty Clay Cultural Materials: None

# LOT 80

### **SHOVEL TEST 111**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II **Description:** Dark Brown Sandy Silt Cultural Materials: None

Stratum: III Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

### **SHOVEL TEST 112**

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III **Depth (in.):** 4-15 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

**Depth (in.):** 0-2

**Depth (in.):** 2-4

Depth (in.): 2-36

Depth (in.): 0-2

**Depth (in.):** 0-2

Depth (in.): 5-16

**Depth (in.):** 2-5

Depth (in.): 16-26

Stratum: IV Description: Yellow Brown Sandy Silt

Cultural Materials: None

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Dark Brown Sandy Silt Cultural Materials: None

Stratum: III **Depth (in.):** 4-17 Description: Dark Brown Sandy Silt mixed with Yellow Brown Sandy Silt Cultural Materials: None

Stratum: IV Description: Yellow Brown Sandy Silt Cultural Materials: None

### **SHOVEL TEST 114**

**SHOVEL TEST 113** 

Stratum: I **Description:** Sod Cultural Materials: None

Stratum: II Description: Rust, Brown, Black Silty Clay Cultural Materials: None

## **SHOVEL TEST 115**

Stratum: I Description: Sod Cultural Materials: None

Stratum: II Description: Rust, Brown, Black Silty Clay Cultural Materials: None

Depth (in.): 15-20

Depth (in.): 0-2

**Depth (in.):** 2-4

Depth (in.): 17-25

Depth (in.): 2-30

**Depth (in.):** 0-2

Depth (in.): 0-2

Depth (in.): 2-28

# **EXCAVATION TRENCHES**

## LOT 1

Strat	um Description	Depth (in.)	Cultural Context
т	Sod	0-3	Tongoil
1	Sou	0-5	Topsoil
II	Gray Brown Sandy Silt	3-6	Near Surface Leaching Zone Soil
III	Light Gray Brown Sandy Si	lt 6-17	Disturbed/Fill Soil
IV	Yellow Brown Sandy Silt	17-25	1 <sup>st</sup> Sub-soil Deposit
V	Rust Brown Sand with Clay	25-32	2nd Sub-soil Deposit

## **EXCAVATION TRENCH B – WEST PROFILE**

	rface Leaching Zone Soil
IV Yellow Brown Sandy Silt 19-24 Trench Fi	d/Fill Soil 'ill
with Dark Brown Sandy Silt mottling	
2 inch gas pipe at 24 inches below gradeVRust Brown Sand with Clay 24-27Sub-soil I	Deposit

## **EXCAVATION TRENCH C – EAST PROFILE**

Stra	tum Description	Depth (in.)	Cultural Context
Ι	Sod	0-3	Topsoil
II	Dark Gray Brown Sandy Si	ilt 3-8	Near Surface Leaching Zone Soil
	Light Brown/Brown Sandy S		Disturbed/Fill Soil
	Yellow Brown Sandy Silt	21-31	1 <sup>st</sup> Sub-soil Deposit
V	Rust Brown Sand with Clay	31-37	2nd Sub-soil Deposit
	•		-

## **EXCAVATION TRENCH D – EAST PROFILE**

 Stratum	Description I	Depth (in.)	Cultural Context
I	Sod	0-2	Topsoil
II Dark (	Fray Brown Sandy Silt	2-7	Near Surface Leaching Zone Soil
III F	Frown Sandy Silt	7-17	Disturbed/Fill Soil
IV Yellow	Brown Sandy Silt	17-32	1 <sup>st</sup> Sub-soil Deposit
V Rust B	rown Sand with Clay	32-38	2nd Sub-soil Deposit
	·		-

## **EXCAVATION TRENCH E – SOUTH PROFILE**

Strat	um Description	Depth (in.)	Cultural Context
T	Sod	0-2	Topsoil
I	Dark Gray Brown Sandy	• =	Near Surface Leaching Zone Soil
III	<b>Brown Sandy Sil</b>	t 5-8	Disturbed/Fill Soil
IV	Yellow Brown Sandy Silt	t 8-24	1 <sup>st</sup> Sub-soil Deposit
V	Rust Brown Sand with C	Clay 24-30	2nd Sub-soil Deposit
	· ·		-

### **EXCAVATION TRENCH F – SOUTH PROFILE**

Stratum	Description	Depth (in.)	Cultural Context
Т	Sod	0-2	Topsoil
II Dark	Gray Brown Sand	• =	Near Surface Leaching Zone Soil
III Brown	n/Dark Brown Sand	ly Silt 5-18	Disturbed/Fill Soil
IV Yello	w Brown Sandy Sil	t 18-26	1 <sup>st</sup> Sub-soil Deposit
V Rust	Brown Sand with	Clay 26-28	2nd Sub-soil Deposit

## LOT 82

### **EXCAVATION TRENCH G – SOUTH PROFILE**

Stratum Description Dep	th (in.) Cultural Context	
I Sod II Dark Gray Brown Sandy Silt III Light Brown/Brown Sandy Silt IV Yellow Brown Sandy Silt 1	0-2 Topsoil 2-8 Near Surface Leaching	Zone Soil

## **EXCAVATION TRENCH H – EAST PROFILE**

Stratu	m Description	Depth (in.)	Cultural Context
Ι	Black Sandy Silt and Soc	1 0-3	Topsoil
II	Red Brick	3-8	Patio
III	Brown Sandy Silt	8-21	<b>Disturbed/Fill Soil</b>
IV	Yellow Brown Sandy Silt	21-34	1 <sup>st</sup> Sub-soil Deposit
V	Rust Brown Sand with Clay	y 34-36	2 <sup>nd</sup> Sub-soil Deposit

Stra	atum Description	Depth (in.)	Cultural Context
	I Black Sandy Silt	0-2	Humus
]	I Dark Gray Brown	Sandy 2-5	Near Surface Leaching Zone Soil
	Silt	-	_
II	I Dark Brown Sandy S	Silt 5-10	Disturbed/Fill Soil
IV	<b>Dark Brown Sandy S</b>	Silt 8-22	Disturbed/Fill Soil
	with Yellow Brown	Sandy	
	Silt mottling		
V	Yellow Brown Sandy	Silt 22-32	1 <sup>st</sup> Sub-soil Deposit
VI	Rust Brown Sand with C	Clay 32-34	2 <sup>nd</sup> Sub-soil Deposit

## **APPENDIX B**

# LOCATIONS OF PHOTOGRAPHIC VIEWS INCLUDED IN THIS REPORT AS PHOTOGRAPHS 1 - 30

