5368R

Greenhouse 2004

PHASE 1B ARCHAEOLOGICAL SURVEY
BROOKSIDE LOOP DEVELOPMENT
STATEN ISLAND, NEW YORK
TAX BLOCK 7020
LOTS 128, 133, 200, 250, 123, 372, AND 382

prepared for:
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INTRODUCTION

The Brookside Loop Development project area is located on Staten Island, south of Anthony Street and north of Richmond Parkway. It is bounded to the west by Winant Avenue and on the east by Warner Avenue. The Tax Block is 7020, with Lots 123, 128, 133, 200, 250, 372 and 382 subject to the Phase 1A and Phase 1B research. The dimensions of the project area are 300 feet (west-east) by 840 feet (north-south). See Figure 1 for the location of the Brookside Loop Development on the United States Geological Survey, Arthur Kill Quadrangle.

The results of the Phase 1A study, completed in October 2003 and revised in January 2004, found that the project area was largely agricultural throughout the historic period. Because of its elevation and proximity to the Sandy Brook and other known prehistoric sites, the study concluded that the project area lay within a sensitive archaeological area and had the potential for yielding evidence of prehistoric occupation. There was a minimal degree of historic period components. The study recommended that Phase 1B archaeological testing be conducted within the Brookside Loop Development project to determine the presence or absence of intact archaeological deposits.

A scope of work was submitted to the Landmarks Preservation Commission on January 28, 2004. The scope of work noted that the Sandy Brook site was located immediately south of the project area, along with the location of the project area near to fresh water and level, well-drained soils. Evidence for prehistoric occupation may have existed at the project area. The scope planned 102 shovel tests, measuring 18 inches in diameter, excavated at 50 foot intervals, throughout the entirety of the project area. Nearly every portion of the property was proposed to have some amount of subsurface intrusion related to development. The scope anticipated that if any single shovel test was positive, it would be further explored with the excavation of four additional shovel tests, spaced 25 feet from the positive shovel test in each of the four cardinal directions. Upon approval of the scope of work by the Landmarks Preservation Commission, and the cooperation of the weather, Phase 1B testing was conducted.

FIELD METHODOLOGY

The Stage 1B archaeological testing of the Brookside Loop Development project area took place from February 26 to March 2, 2004. The purpose of a Stage 1B archaeological survey is to document the presence or absence of potential archaeological resources within the project area through the use of physical testing techniques. The technique used was the excavation of shovel tests on a grid pattern at 50 foot intervals, or as close as possible to these locations. This strategy would cover all proposed impacts in the undisturbed part of the project area. See Figure 2 for the locations of shovel tests in the project area.

A total of 102 shovel tests were planned and 100 were completed. Two shovel tests were eliminated due an existing pool house.

The methodology employed for the shovel testing was straight forward. Roughly square tests approximately 1.5 feet across were excavated until approximately 0.5 feet of the subsoil was explored, or until the test was impeded by obstacles. All soils from the shovel tests were screened through ¼-inch mesh for the recovery of artifacts. Soils were excavated and recorded by natural stratigraphic deposits. For all of the shovel tests, the strata encountered were measured, described, and recorded in terms of texture, inclusions and Munsell colors. See Appendix 1 for the survey record forms.

Of the 100 shovel tests excavated, 14 had one layer exposed, 12 had two layers exposed, and 73 had three layers exposed. Those shovel tests without three layers had been disturbed, the topsoil and/or A horizon had been stripped. All shovel tests excavated were completed until 0.5 feet of sterile subsoil had been exposed.

STRATIGRAPHIC SUMMARY

The typical shovel test profile at the Brookside Loop Development project area consisted of three layers: a topsoil of very dark brown sandy loam overlying an A horizon of dark yellowish brown sand and a B horizon of yellowish brown sand.

Table 2
Summary of Shovel Test Stratigraphy

Layer	Texture	Color	# of Tests	%
Topsoil				
(N=86)	Sandy loam	Very dark brown (28)	37	43.02%
		Black (9)		
	Silty loam	Very dark brown (15)	24	27.91%
		Very dark greyish brown (9)		
	Silty sand	Very dark brown (23)	23	26.74%
	Clayey silt	Black (2)	2	2.32%
A Horizon				
(N=73)	Sand	Dark yellowish brown (41)	68	93.15%
		Brown (24)		
		Dark brown (3)		
	Clayey silt	Dark yellowish brown (2)	2	2.74%
	Silty sand	Dark yellowish brown (2)	2	2.74%
	Clayey sand	Dark yellowish brown (1)	1	1.37%
B Horizon				
(N=98)	Sand	Yellowish brown (75)	87	88.77%
		Dark yellowish brown (12)		
	Sandy clay	Yellowish red (4)	7	7.14%
		Dark yellowish brown (2)		
		Yellowish brown (1)		
	Clayey sand	Dark yellowish brown (1)	2	2.04%
		Yellowish brown (1)		

Layer	Texture	Color	# of Tests	%
	Silty clay	Strong brown (2)	2	2.04%

Four textures were identified with the topsoil: sandy loam (43.02 percent), silty loam (27.91 percent), silty sand (26.74 percent) and clayey silt (2.32 percent). The number of textures were due to previous disturbance and proximity to the wetlands. The average thickness encountered in this layer was 0.144 feet.

Four textures were associated with the A horizon: sand (93.15 percent), clayey silt (2.74 percent), silty sand (2.74 percent) and clayey sand (1.37 percent). The average thickness in the A horizon was 0.53 feet.

The B horizon was also associated with four soil textures: sand (88.77 percent), sandy clay (7.14 percent), clayey sand (2.04 percent), and silty clay (2.04 percent). The average thickness exposed in this layer was 0.52 feet. The top of the B horizon was encountered from

ARTIFACT PROCESSING AND ANALYSIS

Laboratory Methodology

Artifacts recovered from the Stage 1B field testing at the Brookside Loop Development project area were brought to the Greenhouse Consultants laboratory for processing and analysis. Artifacts were washed in room temperature tap water, dried, marked and catalogued. The drying procedure was slow air drying on screens in the laboratory processing area. The artifacts were then labeled with their appropriate context number.

Artifacts were identified using a modified form of the Cultural Material Data Base Taxonomy of the National Park Service. Artifacts were coded for their functional group, class and material. Technological and stylistic manufacturing ranges were assigned when an artifact exhibited a datable attribute. Establishing a range of the manufacture of artifacts provides a time frame for establishing dates after which the refuse deposits were made. This information was recorded on a tyvek label which was inserted with the artifact into a clear polyethylene ziplock bag. The bags were also labeled with context and catalog numbers.

Contexts were assigned series numbers in accordance to the type of data recovery method. The data recovery method employed was shovel testing. Shovel testing is identified by the 3000 series. The second layer of Shovel Test 1 would be identified as 3001.02. See Appendix 1 for the context labeling system.

Artifact Analysis

A total of 29 artifacts were recovered, eleven from a dump located 25 feet northeast of Shovel Test 8 and 18 from eight shovel tests. All recovered artifacts were from the historic period, particularly the twentieth century.

Shovel Tests

Context 3011.02
- Brick, red 1

Context 3021.02
- Clam shell 1
- Nail 1
- Ironstone ceramic, rim spall 1

Context 3026.02
- Flat glass 1

Context 3029.02
- Clam shell 1
- Oyster shell 1

Context 3044.02
- Brick, red 1
- Clam shell 2
- Oyster shell 4

Context 3052.02
Clam shell 1

Context 3054.02
Clam shell 1

Context 3084.02
Nail 1
Brick, red 1

Dump
Context 2001
Bottle glass 7
Jar glass 2
Cork 1
Stoneware 1

Three functional groups were represented in the shovel test contexts: kitchen, food, and architectural. The architectural group was represented by three fragments of red brick, two rusty nails and one piece of flat or window glass. The food category was represented by clam and oyster shells. One small spall of an ironstone rim sherd was the only example of the kitchen functional group. These artifacts held no diagnostic attributes that would identify them to a particular historic period.

The dump, located 25 feet northeast of Shovel Test 8 contained twentieth century material, mostly in the form of glass artifacts. Seven bottles were found, mostly beverage or food related. Two of the bottles were embossed with RUBSAM & HORRMANN BREWING CO., STATEN ISLAND N.Y. A bottle fragment was embossed CASTORIA. Fletcher's Castoria was introduced in the 1890s as a "... vegetable preparation for assimulating the food and regulating stomach and bowels of infants and children" (Fike 1987:162). Two glass jars, for cosmetics and food were also retrieved from the dump, along with a wide mouth cork. One ceramic, a stoneware crock rim sherd was also found. The sherd was decorated with cobalt blue floral salt glazed exterior and an Albany slipped interior.

In summary, artifacts retrieved from the shovel tests contained no particular diagnostic information to assign them to a specific historic period. The artifacts were mainly architectural and food related items. The artifacts from the dump area are categorized as containers for food, beverages, medicines, and cosmetics. Diagnostic attributes can be dated to as early as the 1890s through the twentieth century.

CONCLUSIONS AND RECOMMENDATIONS

The Phase 1A archaeological and historical survey report found that 29 recorded prehistoric sites lay within a two-mile radius of the Brookside Loop Development project area. Because the Sandy Brook prehistoric site lays immediately south of the project area, and may have encroached upon it, the Brookside Loop Development was deemed to have potential for prehistoric sensitivity.

The Phase 1A survey report also found that the potential for historic period remains were low since the project area lay a significant distance from concentrated areas of habitation.

The Phase 1B testing of the Brookside Loop Development in Staten Island, New York used 100 shovel tests to explore the property. No prehistoric artifacts or features were found during the testing. The only artifacts recovered from shovel testing were eighteen historic period artifacts which had no diagnostic attributes. There was no concentration of shovel tests holding historic artifacts or other significant patterning. A historic feature in the form of a dump was located 25 feet northeast of Shovel Test 8. This dump contained only historic artifacts from the late nineteenth and twentieth centuries. Because this dump lies in a disturbed area near the model home, it is not considered a significant archaeological resource.

It is our conclusion that no further archaeological investigation needs to be conducted at the Brookside Loop Development.

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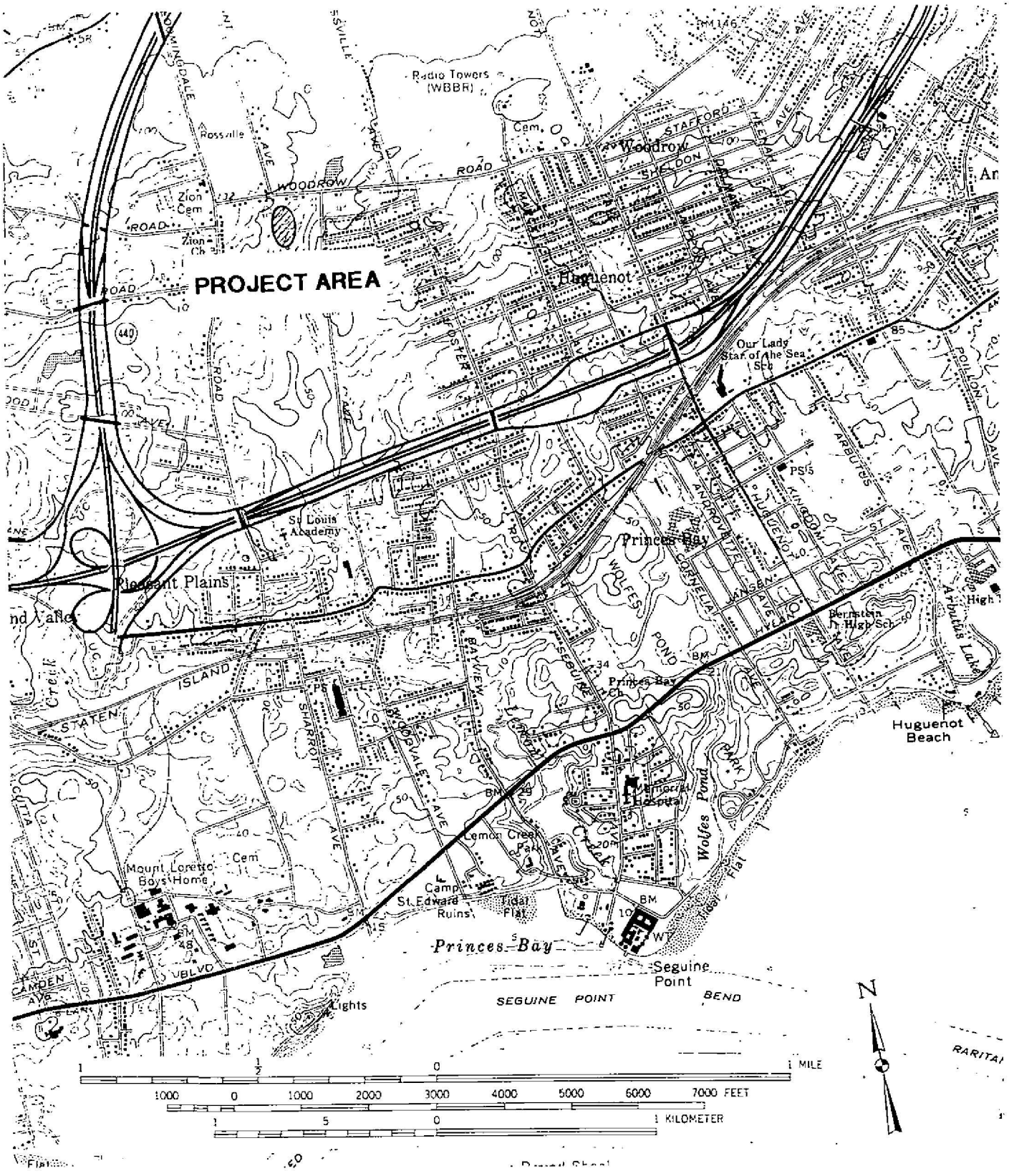

Figure 1 USGS 1966 *Arthur Kill Quadrangle,* New York – New Jersey. 7.5 minute series (topographic), photo-revised 1981.

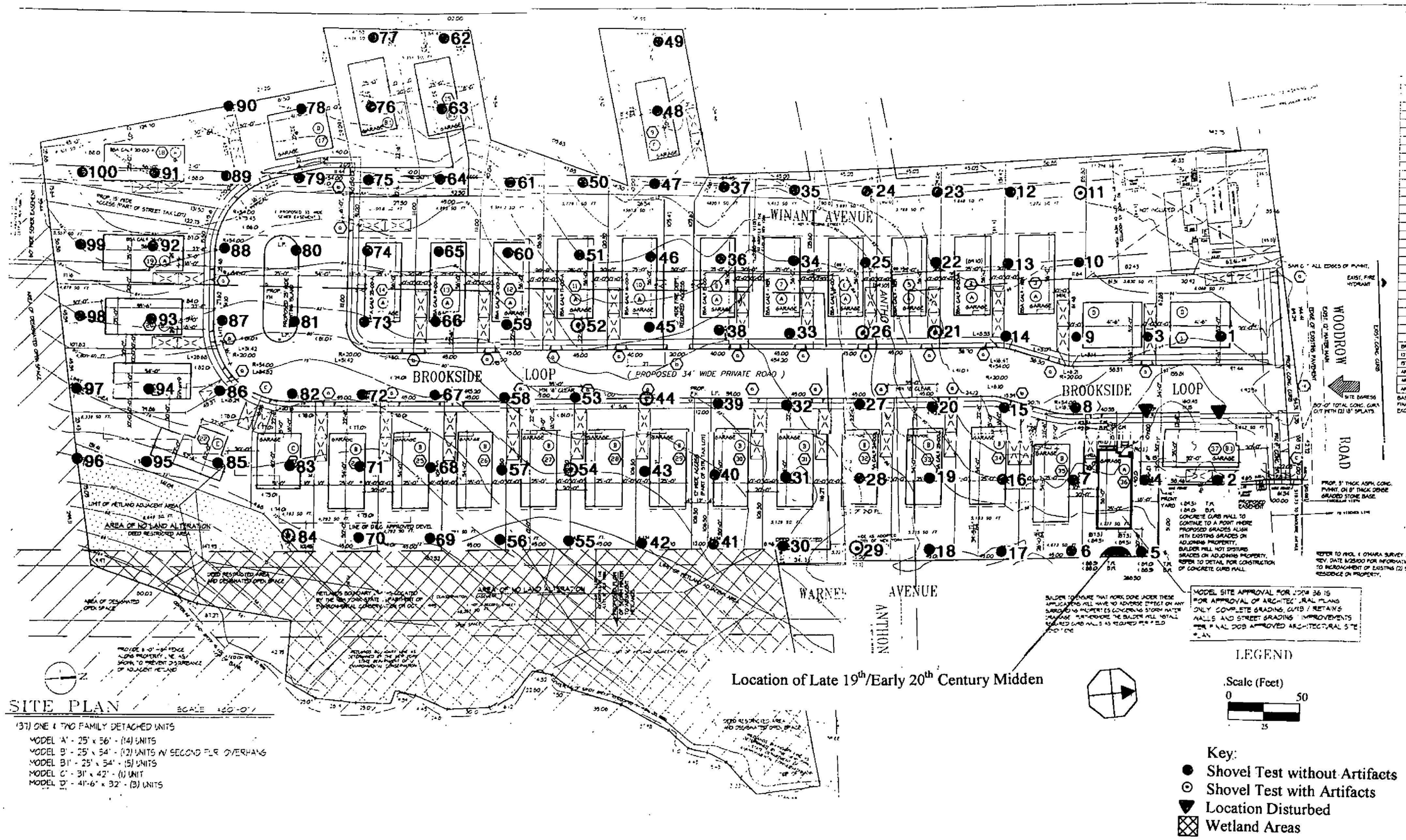

Figure 2 Location of shovel tests at the Brookside Loop Development, and location of historic dump.

APPENDIX 1

SUMMARY OF SHOVEL TEST STRATIGRAPHY AND CONTEXT NUMBERING

APPENDIX 1
CONTEXT NUMBERING AND PROVENIENCE LABELING

A field recording system which encompasses a variety of conditions and situations is optimal for any archaeological project. Among these situations are the size of the project, the number of different field techniques and the number of expected artifacts. The field recording system used was developed by Greenhouse Consultants and was based on modifications of other accepted systems.

All contexts are numbered in the field and these numbers are applied to the artifacts. The format for numbering is XX-9999.99 where X is alphanumeric and 9 is numeric. The alphanumeric characters to the left of the hyphen are the prefix. The two digits to the right of the decimal point are used only when it is necessary to refer to strata within a context. The four digits between the prefix and decimal subdivision may be called the base code.

The prefix is a two character designation of the project parcel. The four digit numeric base code can be divided into two parts; the first digit being separate from the last three. The first numeric digit indicates the type of field technique used. The codes are as follows:

1000: unprovenienced surface collection
2000: provenienced surface collection
3000: shovel testing
4000: trenching
5000: excavation units
6000: feature excavation
7000: borings
8000:
9000: transects

The three digits following the technique code are unique for each location and are assigned sequentially. Decimal subdivisions may be used for techniques three through six to indicate specific strata. For example, 01-3001.02 refers to Area 1 (01), shovel test (3), number 1 (001), at the second layer (.02).

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3001.01	10YR5/6	Yellowish brown	Sand	0-0.5	B	Topsoil & A stripped; 50' S Woodrow Rd
3002.01	5YR5/6	Yellowish red	Sandy clay	0-0.5	B	Topsoil & A stripped; 100' E ST1
3003.01	5YR5/6	Yellowish red	Sandy clay	0-0.5	B	Topsoil & A stripped; 50' E ST1
3004.01	10YR2/1	Black	Sandy loam	0-0.1	Topsoil	50' S ST2
3004.02	10YR4/3	Brown	Sand	0.1-0.5	A	
3004.03	5YR5/6	Yellowish red	Sandy clay	0.5-1.0	B	
3005.01	10YR2/1	Black	Sandy loam	0-0.1	Topsoil	50' E ST4
3005.02	10YR4/3	Brown	Sand	0.1-0.4	A	
3005.03	5YR5/6	Yellowish red	Sandy clay	0.4-0.9	B	
3006.01	10YR2/1	Black	Sandy loam	0-0.1	Topsoil	50' S ST5
3006.02	10YR4/3	Brown	Sand	0.1-0.7	A	
3006.03	10YR5/6	Yellowish brown	Sand	0.7-1.2	B	
3007.01	10YR2/1	Black	Sandy loam	0-0.1	Topsoil	50' W ST6
3007.02	10YR4/3	Brown	Sand	0.1-0.7	A	
3007.03	10YR5/6	Yellowish brown	Sand	0.7-1.2	B	
3008.01	10YR2/1	Black	Sandy loam	0-0.1	Topsoil	50' W ST7
3008.02	10YR5/6	Yellowish brown	Sand	0.1-0.6	B	
3009.01	10YR2/1	Black	Sandy loam	0-0.1	Topsoil	50' W ST8
3009.02	10YR5/6	Yellowish brown	Sand	0.1-0.6	B	
3010.01	10YR2/1	Black	Sandy loam	0-0.2	Topsoil	50' W ST9; Stopped by water
3011.01	10YR2/1	Black	Sandy loam	0-0.1	Topsoil	50' W ST10
3011.02	10YR4/3	Brown	Sand	0.1-0.6	A	brick
3011.03	10YR5/6	Yellowish brown	Sand	0.6-1.1	B	
3012.01	10YR2/1	Black	Sandy loam	0-0.1	Topsoil	50' S ST11
3012.02	10YR3/3	Dark brown	Sand	0.1-0.7	A	
3012.03	10YR4/6	Dark yellowish brown	Sand	0.7-1.2	B	
3013.01	10YR5/6	Yellowish brown	Sand	0-0.5	B	50' E ST12; Topsoil & A stripped
3014.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST13
3014.02	10YR5/6	Yellowish brown	Sand	0.1-0.6	B	
3015.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST14
3015.02	10YR4/3	Brown	Sand	0.1-0.7	A	
3015.03	10YR5/6	Yellowish brown	Sand	0.7-1.2	B	
3016.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST15
3016.02	10YR4/3	Brown	Sand	0.1-1.0	A	
3016.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	
3017.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST16
3017.02	10YR4/3	Brown	Sand	0.1-0.6	A	
3017.03	10YR5/6	Yellowish brown	Sand	0.6-1.1	B	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3018.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' S ST17
3018.02	10YR4/3	Brown	Sand	0.1-0.5	A	
3018.03	10YR5/6	Yellowish brown	Sand	0.5-1.0	B	
3019.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST18
3019.02	10YR3/3	Dark brown	Sand	0.1-0.4	A	
3019.03	10YR4/6	Dark yellowish brown	Sand	0.4-0.9	B	
3020.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST19
3020.02	10YR3/3	Dark brown	Sand	0.1-1.0	A	
3020.03	10YR4/6	Dark yellowish brown	Sand	1.0-1.5	B	
3021.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST20
3021.02	10YR4/3	Brown	Sand	0.1-0.9	A	ceramic, nail, shell
3021.03	10YR5/6	Yellowish brown	Sand	0.9-1.4	B	
3022.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST21
3022.02	10YR5/6	Yellowish brown	Sand	0.1-0.6	B	
3023.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST22
3023.02	10YR4/3	Brown	Sand	0.1-0.3	A	
3023.03	10YR5/6	Yellowish brown	Sand	0.3-0.8	B	
3024.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' S ST23
3024.02	10YR4/3	Brown	Sand	0.1-1.0	A	
3024.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	
3025.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST24
3025.02	10YR5/6	Yellowish brown	Sand	0.1-0.6	B	
3026.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST25
3026.02	10YR4/3	Brown	Sand	0.1-0.9	A	glass
3026.03	10YR5/6	Yellowish brown	Sand	0.9-1.4	B	
3027.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST26
3027.02	10YR4/3	Brown	Sand	0.1-0.8	A	
3027.03	10YR5/6	Yellowish brown	Sand	0.8-1.3	B	
3028.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST27
3028.02	10YR4/3	Brown	Sand	0.1-0.9	A	
3028.03	10YR5/6	Yellowish brown	Sand	0.9-1.4	B	
3029.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST28
3029.02	10YR4/3	Brown	Sand	0.1-1.2	A	shell
3029.03	10YR5/6	Yellowish brown	Sand	1.2-1.7	B	
3030.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' S ST29
3030.02	10YR4/3	Brown	Sand	0.1-0.6	A	
3030.03	10YR5/6	Yellowish brown	Sand	0.6-1.1	B	
3031.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST30
3031.02	10YR4/3	Brown	Sand	0.1-0.4	A	
3031.03	10YR5/6	Yellowish brown	Sand	0.4-0.9	B	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3032.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST31
3032.02	10YR4/3	Brown	Sand	0.1-0.8	A	
3032.03	10YR4/6	Dark yellowish brown	Sandy clay	0.8-1.3	B	
3033.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST32
3033.02	10YR4/6	Dark yellowish brown	Sand	0.1-0.6	B	
3034.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST33
3034.02	10YR4/6	Dark yellowish brown	Sand	0.1-0.6	B	
3035.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST34
3035.02	10YR5/6	Yellowish brown	Sand	0.1-0.6	B	
3036.01	10YR5/6	Yellowish brown	Sand	0-0.5	B	50' S ST34; Topsoil & A stripped
3037.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' W ST37
3037.02	10YR4/3	Brown	Sand	0.1-0.3	A	
3037.03	10YR5/6	Yellowish brown	Sand	0.3-0.8	B	
3038.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' E ST36
3038.02	10YR4/3	Brown	Sand	0.1-0.3	A	
3038.03	10YR5/6	Yellowish brown	Sand	0.3-0.8	B	
3039.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' S ST32
3039.02	10YR4/3	Brown	Sand	0.1-0.5	A	
3039.03	10YR5/6	Yellowish brown	Sand	0.5-1.0	B	
3040.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' S ST31
3040.02	10YR4/3	Brown	Sand	0.1-0.6	A	
3040.03	10YR5/6	Yellowish brown	Sand	0.6-1.1	B	
3041.01	10YR2/2	Very dark brown	Sandy loam	0-0.1	Topsoil	50' S ST30
3041.02	10YR4/3	Brown	Sand	0.1-0.5	A	
3041.03	10YR5/6	Yellowish brown	Sand	0.5-1.0	B	
3042.01	10YR2/2	Very dark brown	Sandy loam	0-0.2	Topsoil	50' S ST41
3042.02	10YR3/4	Dark yellowish brown	Sand	0.2-1.0	A	
3042.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	
3043.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' S ST40
3043.02	10YR3/4	Dark yellowish brown	Sand	0.2-1.0	A	
3043.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	
3044.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' S ST39; Access road
3044.02	10YR5/6	Yellowish brown	Sand	0.2-1.0	B	Brick, shell
3045.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' S ST38
3045.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3045.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3046.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' S ST37
3046.02	10YR3/4	Dark yellowish brown	Sand	0.2-1.0	A	
3046.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3047.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' S ST36
3047.02	10YR4/4	Dark yellowish brown	Sand	0.2-1.0	A	
3047.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	
3048.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' W ST47
3048.02	10YR3/4	Dark yellowish brown	Sand	0.2-1.0	A	
3048.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	
3049.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' W ST48
3049.02	10YR3/4	Dark yellowish brown	Sand	0.2-1.0	A	
3049.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	
3050.01	10YR2/2	Very dark brown	Silty sand	0-0.1	Topsoil	50' S ST47
3050.02	10YR5/6	Yellowish brown	Sand	0.1-0.6	B	
3051.01	10YR2/2	Very dark brown	Silty sand	0-0.1	Topsoil	50' E ST50
3051.02	10YR5/6	Yellowish brown	Sand	0.1-0.6	B	
3052.01	10YR2/2	Very dark brown	Silty sand	0-0.1	Topsoil	50' E ST51
3052.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.3	A	
3052.03	10YR5/6	Yellowish brown	Sand	0.3-0.8	B	
3053.01						missing shovel test form
3054.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' E ST53
3054.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.4	A	
3054.03	10YR5/6	Yellowish brown	Sand	0.4-0.9	B	
3055.01	10YR2/1	Black	Clayey silt	0-0.4	Topsoil	50' E ST54; Close to wetlands border
3055.02	10YR3/6	Dark yellowish brown	Clayey silt	0.4-1.0	A	
3055.03	10YR4/6	Dark yellowish brown	Sand	1.0-1.5	B	
3056.01	10YR2/1	Black	Clayey silt	0-0.5	Topsoil	50' S ST55; Close to wetlands border
3056.02	10YR3/6	Dark yellowish brown	Clayey silt	0.5-1.0	A	
3056.03	10YR4/6	Dark yellowish brown	Sand	1.0-1.5	B	
3057.01	10YR2/2	Very dark brown	Silty sand	0-0.1	Topsoil	50' W ST56
3057.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.4	A	
3057.03	10YR5/6	Yellowish brown	Sand	0.4-0.9	B	
3058.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' W ST57
3058.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3058.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3059.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' W ST58
3059.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3059.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3060.01	10YR2/2	Very dark brown	Silty sand	0-0.1	Topsoil	50' W ST59
3060.02	10YR5/6	Yellowish brown	Sand	0.1-0.5	B	
3061.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' W ST60
3061.02	10YR3/4	Dark yellowish brown	Sand	0.2-1.0	A	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3061.03	10YR5/6	Yellowish brown	Sand	1.0-1.5	B	
3062.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	150' S ST49
3062.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3062.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3063.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	150' S ST48
3063.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.5	A	
3063.03	10YR5/6	Yellowish brown	Sand	0.5-1.0	B	
3064.01	10YR5/6	Yellowish brown	Sand	0-0.5	B	50' S ST61; Disturbed area
3065.01	10YR2/2	Very dark brown	Silty sand	0-0.1	Topsoil	50' E ST64
3065.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.3	A	
3065.03	10YR5/6	Yellowish brown	Sand	0.3-0.8	B	
3066.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' E ST65
3066.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.4	A	
3066.03	10YR5/6	Yellowish brown	Sand	0.4-0.9	B	
3067.01	10YR2/2	Very dark brown	Silty sand	0-0.1	Topsoil	50' E ST66
3067.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.4	A	
3067.03	10YR5/6	Yellowish brown	Sand	0.4-0.9	B	
3068.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' E ST67; moving toward wetland boundary
3068.02	10YR3/4	Dark yellowish brown	Silty sand	0.2-0.5	A	
3068.03	7.5YR5/6	Strong brown	Silty clay	0.5-1.0	B	
3069.01	10YR2/2	Very dark brown	Silty sand	0-0.2	Topsoil	50' E ST68; moving toward wetland boundary
3069.02	10YR3/4	Dark yellowish brown	Silty sand	0.2-0.5	A	
3069.03	7.5YR5/6	Strong brown	Silty clay	0.5-1.0	B	
3070.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.2	Topsoil	50' S ST69; near wetland border
3070.02	10YR3/4	Dark yellowish brown	Clayey sand	0.2-0.8	A	
3070.03	10YR5/6	Yellowish brown	Sand	0.8-1.5	B	
3071.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' W ST70
3071.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.5	A	
3071.03	10YR5/6	Yellowish brown	Sand	0.5-1.0	B	
3072.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' W ST71
3072.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.5	A	
3072.03	10YR5/6	Yellowish brown	Sand	0.5-1.0	B	
3073.01	10YR5/6	Yellowish brown	Sand	0-0.4	B	50' W ST72; near "paintball" blind
3074.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' W ST73
3074.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.9	A	
3074.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3075.01	10YR5/6	Yellowish brown	Sand	0-0.6	B	50' W ST74; near "paintball" blind
3076.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.2	Topsoil	50' W ST75
3076.02	10YR3/4	Dark yellowish brown	Sand	0.2-1.0	A	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3076.03	10YR4/4	Dark yellowish brown	Sand	1.0-1.5	B	
3077.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.2	Topsoil	50' W ST76
3077.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.6	A	
3077.03	10YR4/4	Dark yellowish brown	Sand	0.6-1.1	B	
3078.01	10YR5/6	Yellowish brown	Sand	0-0.6	B	50' S ST56; near "paintball" blind
3079.01	10YR5/6	Yellowish brown	Sand	0-0.6	B	50' E ST78; near "paintball" blind
3080.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.1	Topsoil	50' E ST79
3080.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.5	A	
3080.03	10YR4/6	Dark yellowish brown	Sand	0.5-1.0	B	
3081.01	10YR2/2	Very dark brown	Silty loam	0-0.2	Topsoil	50' E ST80
3081.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.6	A	
3081.03	10YR4/6	Dark yellowish brown	Sand	0.6-1.1	B	
3082.01	10YR2/2	Very dark brown	Silty loam	0-0.2	Topsoil	50' E ST81
3082.02	10YR4/6	Dark yellowish brown	Sand	0.2-0.5	A	
3082.03	10YR5/4	Yellowish brown	Clayey sand	0.5-1.0	B	
3083.01	10YR2/2	Very dark brown	Silty loam	0-0.2	Topsoil	50' E ST82
3083.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3083.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3084.01	10YR2/2	Very dark brown	Silty loam	0-0.2	Topsoil	50' E ST83; near wetland border
3084.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	brick, nail
3084.03	10YR4/6	Dark yellowish brown	Clayey sand	0.9-1.5	B	
3085.01	10YR2/2	Very dark brown	Silty loam	0-0.2	Topsoil	50' S ST83; near wetland border
3085.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3085.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3086.01	10YR2/2	Very dark brown	Silty loam	0-0.2	Topsoil	50' W ST85
3086.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3086.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3087.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' W ST86
3087.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.3	A	
3087.03	10YR5/6	Yellowish brown	Sandy clay	0.3-0.8	B	
3088.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' W ST87
3088.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.6	A	
3088.03	10YR4/6	Dark yellowish brown	Sand	0.6-1.1	B	
3089.01	10YR5/6	Yellowish brown	Sand	0-0.6	B	50' W ST88; near "paintball" blind
3090.01	10YR5/6	Yellowish brown	Sand	0-0.6	B	50' W ST89; near "paintball" blind
3091.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' S ST89
3091.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.3	A	
3091.03	10YR5/6	Yellowish brown	Sand	0.3-0.8	B	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3092.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' E ST91
3092.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.5	A	
3092.03	10YR5/6	Yellowish brown	Sand	0.5-1.0	B	
3093.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' E ST92
3093.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.3	A	
3093.03	10YR5/6	Yellowish brown	Sand	0.3-0.8	B	
3094.01	10YR2/2	Very dark brown	Silty loam	0-0.1	Topsoil	50' E ST93
3094.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.6	A	
3094.03	10YR4/6	Dark yellowish brown	Sandy clay	0.6-1.1	B	
3095.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.2	Topsoil	50' S ST85
3095.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3095.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3096.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.2	Topsoil	50' S ST95
3096.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3096.03	10YR5/6	Yellowish brown	Sand	0.9-1.5	B	
3097.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.2	Topsoil	50' W ST96
3097.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.9	A	
3097.03	10YR5/6	Yellowish brown	Sand	0.9-1.4	B	
3098.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.2	Topsoil	50' W ST97
3098.02	10YR3/4	Dark yellowish brown	Sand	0.2-0.7	A	
3098.03	10YR5/6	Yellowish brown	Sand	0.7-1.3	B	
3099.01	10YR5/6	Yellowish brown	Sand	0-0.6	B	50' W ST98; near modern trash dump
3100.01	10YR3/2	Very dark greyish brown	Silty loam	0-0.1	Topsoil	50' W ST99
3100.02	10YR3/4	Dark yellowish brown	Sand	0.1-0.3	A	
3100.03	10YR5/6	Yellowish brown	Sand	0.3-0.8	B	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3055.01	10YR2/1	Black	Clayey silt	-0.4	Topsoil	50' E ST54; Close to wetlands border
3056.01	10YR2/1	Black	Clayey silt	-0.5	Topsoil	50' S ST55; Close to wetlands border
3004.01	10YR2/1	Black	Sandy loam	-0.1	Topsoil	50' S ST2
3005.01	10YR2/1	Black	Sandy loam	-0.1	Topsoil	50' E ST4
3006.01	10YR2/1	Black	Sandy loam	-0.1	Topsoil	50' S ST5
3007.01	10YR2/1	Black	Sandy loam	-0.1	Topsoil	50' W ST6
3008.01	10YR2/1	Black	Sandy loam	-0.1	Topsoil	50' W ST7
3009.01	10YR2/1	Black	Sandy loam	-0.1	Topsoil	50' W ST8
3010.01	10YR2/1	Black	Sandy loam	-0.2	Topsoil	50' W ST9; Stopped by water
3011.01	10YR2/1	Black	Sandy loam	-0.1	Topsoil	50' W ST10
3012.01	10YR2/1	Black	Sandy loam	-0.1	Topsoil	50' S ST11
3014.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST13
3015.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST14
3016.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST15
3017.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST16
3018.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' S ST17
3019.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST18
3020.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST19
3021.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST20
3022.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST21
3023.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST22
3024.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' S ST23
3025.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST24
3026.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST25
3027.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST26
3028.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST27
3029.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST28
3030.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' S ST29
3031.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST30
3032.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST31
3033.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST32
3034.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST33
3035.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST34
3037.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' W ST37
3038.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' E ST36
3039.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' S ST32
3040.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' S ST31
3041.01	10YR2/2	Very dark brown	Sandy loam	-0.1	Topsoil	50' S ST30
3042.01	10YR2/2	Very dark brown	Sandy loam	-0.2	Topsoil	50' S ST41
3071.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' W ST70
3072.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' W ST71
3074.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' W ST73
3081.01	10YR2/2	Very dark brown	Silty loam	-0.2	Topsoil	50' E ST80
3082.01	10YR2/2	Very dark brown	Silty loam	-0.2	Topsoil	50' E ST81
3083.01	10YR2/2	Very dark brown	Silty loam	-0.2	Topsoil	50' E ST82
3084.01	10YR2/2	Very dark brown	Silty loam	-0.2	Topsoil	50' E ST83; near wetland border
3085.01	10YR2/2	Very dark brown	Silty loam	-0.2	Topsoil	50' S ST83; near wetland border
3086.01	10YR2/2	Very dark brown	Silty loam	-0.2	Topsoil	50' W ST85
3087.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' W ST86
3088.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' W ST87
3091.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' S ST89
3092.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' E ST91
3093.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' E ST92
3094.01	10YR2/2	Very dark brown	Silty loam	-0.1	Topsoil	50' E ST93

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3070.01	10YR3/2	Very dark greyish brown	Silty loam	-0.2	Topsoil	50' S ST69; near wetland border
3076.01	10YR3/2	Very dark greyish brown	Silty loam	-0.2	Topsoil	50' W ST75
3077.01	10YR3/2	Very dark greyish brown	Silty loam	-0.2	Topsoil	50' W ST76
3080.01	10YR3/2	Very dark greyish brown	Silty loam	-0.1	Topsoil	50' E ST79
3095.01	10YR3/2	Very dark greyish brown	Silty loam	-0.2	Topsoil	50' S ST85
3096.01	10YR3/2	Very dark greyish brown	Silty loam	-0.2	Topsoil	50' S ST95
3097.01	10YR3/2	Very dark greyish brown	Silty loam	-0.2	Topsoil	50' W ST96
3098.01	10YR3/2	Very dark greyish brown	Silty loam	-0.2	Topsoil	50' W ST97
3100.01	10YR3/2	Very dark greyish brown	Silty loam	-0.1	Topsoil	50' W ST99
3043.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' S ST40
3044.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' S ST39; Access road
3045.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' S ST38
3046.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' S ST37
3047.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' S ST36
3048.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' W ST47
3049.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' W ST48
3050.01	10YR2/2	Very dark brown	Silty sand	-0.1	Topsoil	50' S ST47
3051.01	10YR2/2	Very dark brown	Silty sand	-0.1	Topsoil	50' E ST50
3052.01	10YR2/2	Very dark brown	Silty sand	-0.1	Topsoil	50' E ST51
3054.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' E ST53
3057.01	10YR2/2	Very dark brown	Silty sand	-0.1	Topsoil	50' W ST56
3058.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' W ST57
3059.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' W ST58
3060.01	10YR2/2	Very dark brown	Silty sand	-0.1	Topsoil	50' W ST59
3061.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' W ST60
3062.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	150' S ST49
3063.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	150' S ST48
3065.01	10YR2/2	Very dark brown	Silty sand	-0.1	Topsoil	50' E ST64
3066.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' E ST65
3067.01	10YR2/2	Very dark brown	Silty sand	-0.1	Topsoil	50' E ST66
3068.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' E ST67; moving toward wetland boundary
3069.01	10YR2/2	Very dark brown	Silty sand	-0.2	Topsoil	50' E ST68; moving toward wetland boundary
			Total =	-12.4		
		N = 86	Average =	0.14418604651		

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3070.02	10YR3/4	Dark yellowish brown	Clayey sand	-0.6	A	
3055.02	10YR3/6	Dark yellowish brown	Clayey silt	-0.6	A	
3056.02	10YR3/6	Dark yellowish brown	Clayey silt	-0.5	A	
3004.02	10YR4/3	Brown	Sand	-0.4	A	
3005.02	10YR4/3	Brown	Sand	-0.3	A	
3006.02	10YR4/3	Brown	Sand	-0.6	A	
3007.02	10YR4/3	Brown	Sand	-0.6	A	
3011.02	10YR4/3	Brown	Sand	-0.5	A	brick
3015.02	10YR4/3	Brown	Sand	-0.6	A	
3016.02	10YR4/3	Brown	Sand	-0.9	A	
3017.02	10YR4/3	Brown	Sand	-0.5	A	
3018.02	10YR4/3	Brown	Sand	-0.4	A	
3021.02	10YR4/3	Brown	Sand	-0.8	A	ceramic, nail, shell
3023.02	10YR4/3	Brown	Sand	-0.2	A	
3024.02	10YR4/3	Brown	Sand	-0.9	A	
3026.02	10YR4/3	Brown	Sand	-0.8	A	glass
3027.02	10YR4/3	Brown	Sand	-0.7	A	
3028.02	10YR4/3	Brown	Sand	-0.8	A	
3029.02	10YR4/3	Brown	Sand	-1.1	A	shell
3030.02	10YR4/3	Brown	Sand	-0.5	A	
3031.02	10YR4/3	Brown	Sand	-0.3	A	
3032.02	10YR4/3	Brown	Sand	-0.7	A	
3037.02	10YR4/3	Brown	Sand	-0.2	A	
3038.02	10YR4/3	Brown	Sand	-0.2	A	
3039.02	10YR4/3	Brown	Sand	-0.4	A	
3040.02	10YR4/3	Brown	Sand	-0.5	A	
3041.02	10YR4/3	Brown	Sand	-0.4	A	
3012.02	10YR3/3	Dark brown	Sand	-0.6	A	
3019.02	10YR3/3	Dark brown	Sand	-0.3	A	
3020.02	10YR3/3	Dark brown	Sand	-0.9	A	
3042.02	10YR3/4	Dark yellowish brown	Sand	-0.8	A	
3043.02	10YR3/4	Dark yellowish brown	Sand	-0.8	A	
3045.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3046.02	10YR3/4	Dark yellowish brown	Sand	-0.8	A	
3047.02	10YR4/4	Dark yellowish brown	Sand	-0.8	A	
3048.02	10YR3/4	Dark yellowish brown	Sand	-0.8	A	
3049.02	10YR3/4	Dark yellowish brown	Sand	-0.8	A	
3052.02	10YR3/4	Dark yellowish brown	Sand	-0.2	A	
3054.02	10YR3/4	Dark yellowish brown	Sand	-0.2	A	
3057.02	10YR3/4	Dark yellowish brown	Sand	-0.3	A	
3058.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3059.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3061.02	10YR3/4	Dark yellowish brown	Sand	-0.8	A	
3062.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3063.02	10YR3/4	Dark yellowish brown	Sand	-0.3	A	
3065.02	10YR3/4	Dark yellowish brown	Sand	-0.2	A	
3066.02	10YR3/4	Dark yellowish brown	Sand	-0.2	A	
3067.02	10YR3/4	Dark yellowish brown	Sand	-0.3	A	
3071.02	10YR3/4	Dark yellowish brown	Sand	-0.4	A	
3072.02	10YR3/4	Dark yellowish brown	Sand	-0.4	A	
3074.02	10YR3/4	Dark yellowish brown	Sand	-0.8	A	
3076.02	10YR3/4	Dark yellowish brown	Sand	-0.8	A	
3077.02	10YR3/4	Dark yellowish brown	Sand	-0.4	A	
3080.02	10YR3/4	Dark yellowish brown	Sand	-0.4	A	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3081.02	10YR3/4	Dark yellowish brown	Sand	-0.4	A	
3082.02	10YR4/6	Dark yellowish brown	Sand	-0.3	A	
3083.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3084.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	brick, nail
3085.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3086.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3087.02	10YR3/4	Dark yellowish brown	Sand	-0.2	A	
3088.02	10YR3/4	Dark yellowish brown	Sand	-0.5	A	
3091.02	10YR3/4	Dark yellowish brown	Sand	-0.2	A	
3092.02	10YR3/4	Dark yellowish brown	Sand	-0.4	A	
3093.02	10YR3/4	Dark yellowish brown	Sand	-0.2	A	
3094.02	10YR3/4	Dark yellowish brown	Sand	-0.5	A	
3095.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3096.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3097.02	10YR3/4	Dark yellowish brown	Sand	-0.7	A	
3098.02	10YR3/4	Dark yellowish brown	Sand	-0.5	A	
3100.02	10YR3/4	Dark yellowish brown	Sand	-0.2	A	
3068.02	10YR3/4	Dark yellowish brown	Silty sand	-0.3	A	
3069.02	10YR3/4	Dark yellowish brown	Silty sand	-0.3	A	
			Total =	-39		
		N = 73	Average =	0.534247		

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3084.03	10YR4/6	Dark yellowish brown	Clayey sand	-0.6	B	
3082.03	10YR5/4	Yellowish brown	Clayey sand	-0.5	B	
3012.03	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3019.03	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3020.03	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3033.02	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3034.02	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3055.03	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3056.03	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3076.03	10YR4/4	Dark yellowish brown	Sand	-0.5	B	
3077.03	10YR4/4	Dark yellowish brown	Sand	-0.5	B	
3080.03	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3081.03	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3088.03	10YR4/6	Dark yellowish brown	Sand	-0.5	B	
3001.01	10YR5/6	Yellowish brown	Sand	-0.5	B	Topsoil & A stripped; 50' S Woodrow Rd
3006.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3007.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3008.02	10YR5/6	Yellowish brown	Sand	-0.5	B	
3009.02	10YR5/6	Yellowish brown	Sand	-0.5	B	
3011.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3013.01	10YR5/6	Yellowish brown	Sand	-0.5	B	50' E ST12; Topsoil & A stripped
3014.02	10YR5/6	Yellowish brown	Sand	-0.5	B	
3015.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3016.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3017.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3018.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3021.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3022.02	10YR5/6	Yellowish brown	Sand	-0.5	B	
3023.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3024.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3025.02	10YR5/6	Yellowish brown	Sand	-0.5	B	
3026.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3027.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3028.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3029.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3030.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3031.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3035.02	10YR5/6	Yellowish brown	Sand	-0.5	B	
3036.01	10YR5/6	Yellowish brown	Sand	-0.5	B	50' S ST34; Topsoil & A stripped
3037.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3038.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3039.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3040.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3041.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3042.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3043.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3044.02	10YR5/6	Yellowish brown	Sand	-0.8	B	Brick, shell
3045.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3046.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3047.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3048.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3049.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3050.02	10YR5/6	Yellowish brown	Sand	-0.5	B	
3051.02	10YR5/6	Yellowish brown	Sand	-0.5	B	

Stage 1B Shovel Test Stratigraphy
Brookside Loop, Staten Island

Context	Munsell	Color	Texture	Depth	Horizon	Comments
3052.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3054.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3057.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3058.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3059.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3060.02	10YR5/6	Yellowish brown	Sand	-0.4	B	
3061.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3062.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3063.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3064.01	10YR5/6	Yellowish brown	Sand	-0.5	B	50' S ST61; Disturbed area
3065.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3066.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3067.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3070.03	10YR5/6	Yellowish brown	Sand	-0.7	B	
3071.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3072.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3073.01	10YR5/6	Yellowish brown	Sand	-0.4	B	50' W ST72; near "paintball" blind
3074.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3075.01	10YR5/6	Yellowish brown	Sand	-0.6	B	50' W ST74; near "paintball" blind
3078.01	10YR5/6	Yellowish brown	Sand	-0.6	B	50' S ST56; near "paintball" blind
3079.01	10YR5/6	Yellowish brown	Sand	-0.6	B	50' E ST78; near "paintball" blind
3083.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3085.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3086.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3089.01	10YR5/6	Yellowish brown	Sand	-0.6	B	50' W ST88; near "paintball" blind
3090.01	10YR5/6	Yellowish brown	Sand	-0.6	B	50' W ST89; near "paintball" blind
3091.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3092.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3093.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3095.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3096.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3097.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3098.03	10YR5/6	Yellowish brown	Sand	-0.6	B	
3099.01	10YR5/6	Yellowish brown	Sand	-0.6	B	50' W ST98; near modern trash dump
3100.03	10YR5/6	Yellowish brown	Sand	-0.5	B	
3032.03	10YR4/6	Dark yellowish brown	Sandy clay	-0.5	B	
3094.03	10YR4/6	Dark yellowish brown	Sandy clay	-0.5	B	
3087.03	10YR5/6	Yellowish brown	Sandy clay	-0.5	B	
3002.01	5YR5/6	Yellowish red	Sandy clay	-0.5	B	Topsoil & A stripped; 100' E ST1
3003.01	5YR5/6	Yellowish red	Sandy clay	-0.5	B	Topsoil & A stripped; 50' E ST1
3004.03	5YR5/6	Yellowish red	Sandy clay	-0.5	B	
3005.03	5YR5/6	Yellowish red	Sandy clay	-0.5	B	
3068.03	7.5YR5/6	Strong brown	Silty clay	-0.5	B	
3069.03	7.5YR5/6	Strong brown	Silty clay	-0.5	B	
			Total =	-51.1		
		N = 98	Average =	0.521429		

ARTIFACT INVENTORY
Brookside Loop Development
Staten Island, New York

Context	Gp	Cl	Mph	Mat	Identity	Count	Comments	Reference	Range	Cat#
* Context 3011.02										
3011.02	03	06	015	069	Brick	1	Red			1
** Subtotal **						1				
* Context 3021.02										
3021.02	02	02		089	Shell	1	Clam			2
3021.02	03	02		028	Nail	1	Rusted & corroded			3
3021.02	01	01		004	Ironstone	1	Rim spall			4
** Subtotal **						3				
* Context 3026.02										
3026.02	03	01	001	078	Flat glass	1				5
** Subtotal **						1				
* Context 3029.02										
3029.02	02	02		089	Shell	1	Clam			6
3029.02	02	02		089	Shell	1	Oyster			7
** Subtotal **						2				
* Context 3044.02										
3044.02	03	06	015	069	Brick	1	Red			8
3044.02	02	02		089	Shell	2	Clam			9
3044.02	02	02		089	Shell	4	Oyster			10
* Subtotal **						7				
** Context 3052.02										
3052.02	02	02		089	Shell	1	Clam			11
** Subtotal **						1				
* Context 3054.02										
3054.02	02	02		089	Shell	1	Clam			12
** Subtotal **						1				
* Context 3084.02										
3084.02	03	02		028	Nail	1	Rusted & corroded			13
3084.02	03	06	015	069	Brick	1	Red			14
** Subtotal **						2				
* Context 2001										
2001	01	02		078	Bottle glass	1	Complete Amber Circular body & base Machine made Dump 25 feet NE ST8	Jones & Sullivan 1985:39	1904+	15
2001	01	02	002	028	Bottle glass	1	Pale green Base, body & neck Circular body & base Embossed w/shield HORMANN BREWING CO. 12 1/2 OZ. Dump 25 feet NE ST8			16
2001	01	02		078	Bottle glass	1	Pale green Paneled body Embossed: GEORGETOWN/MASS. Dump 25 feet NE ST8			17
2001	01	02		078	Bottle glass	1	Emerald green Neck & shoulders Straight finish Dump 25 feet NE ST8			18

ARTIFACT INVENTORY
Brookside Loop Development
Staten Island, New York

Context	Gp	Cl	Mph	Mat	Identity	Count	Comments	Reference	Range	Cat#
2001	01	02		078	Bottle glass	1	Clear Neck & lip Flattened side lip Dump 25 feet NE ST8			19
2001	01	02	008	078	Bottle glass	1	Light green Perry Davis type finish Rectangular base & body 4 recessed panels Embossed: CASTORIA Dump 25 feet NE ST8			20
2001	01	02		078	Bottle glass	1	Light green Circular body & base Embossed: RUBSAM & HORRMANN BREWERING CO/STATEN ISLAND N.Y. REGISTERED Dump is 25 feet NE ST8			21
2001	01	02	015	078	Jar glass	1	Complete Clear Snap top Tapered body Dump 25 feet NE ST8			22
2001	01	02	030	092	Cork	1	Wide, flat			23
2001	01	02	015	013	Jar glass	1	Milk glass Circular body & base Dump 25 feet NE ST8			24
2001	01	02	027	002	Stoneware	1	Rim Buff paste Albany slipped interior Salt glazed exterior Cobalt blue floral exterior Dump 25 feet NE ST8			25
** Subtotal **						11				
*** Total ***						29				