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STAGE 1B ARCHAEOLOGICAL SURVEY
OF THE MANEE AVENUE PROJECT
STATEN ISLAND, NEW YORK

CEQR #95DEP214R

1b

1B Manee

MANEE Ave

Prepared for:
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LIST OF PERSONNEL

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Kenneth Richter	-	Field Technician
Paula M. Crowley	-	Laboratory Directory Co-Author Editor Word Processor



INTRODUCTION

The purpose of this Stage 1B Archaeological Survey is to document the presence or absence of potential prehistoric and/or historic archaeological resources within the Manee Avenue development project area in southwestern Staten Island, Richmond County, New York through the use of physical testing techniques.

The Manee Avenue Development project area is located in southwestern Staten Island. The project area consists of approximately 3.5 acres which is located to the southeast of the Pleasant Plains Station. See Figure 1 for the location of the project area. The Stage 1A Archaeological/Historical Sensitivity Evaluation Report on this development concluded that this parcel could preserve evidence from the prehistoric period. A Stage 1B survey consisting of shovel tests on a 50 foot grid pattern was recommended for all of the project area that remains undisturbed and will be impacted by the proposed construction (Greenhouse Consultants 1995:17).

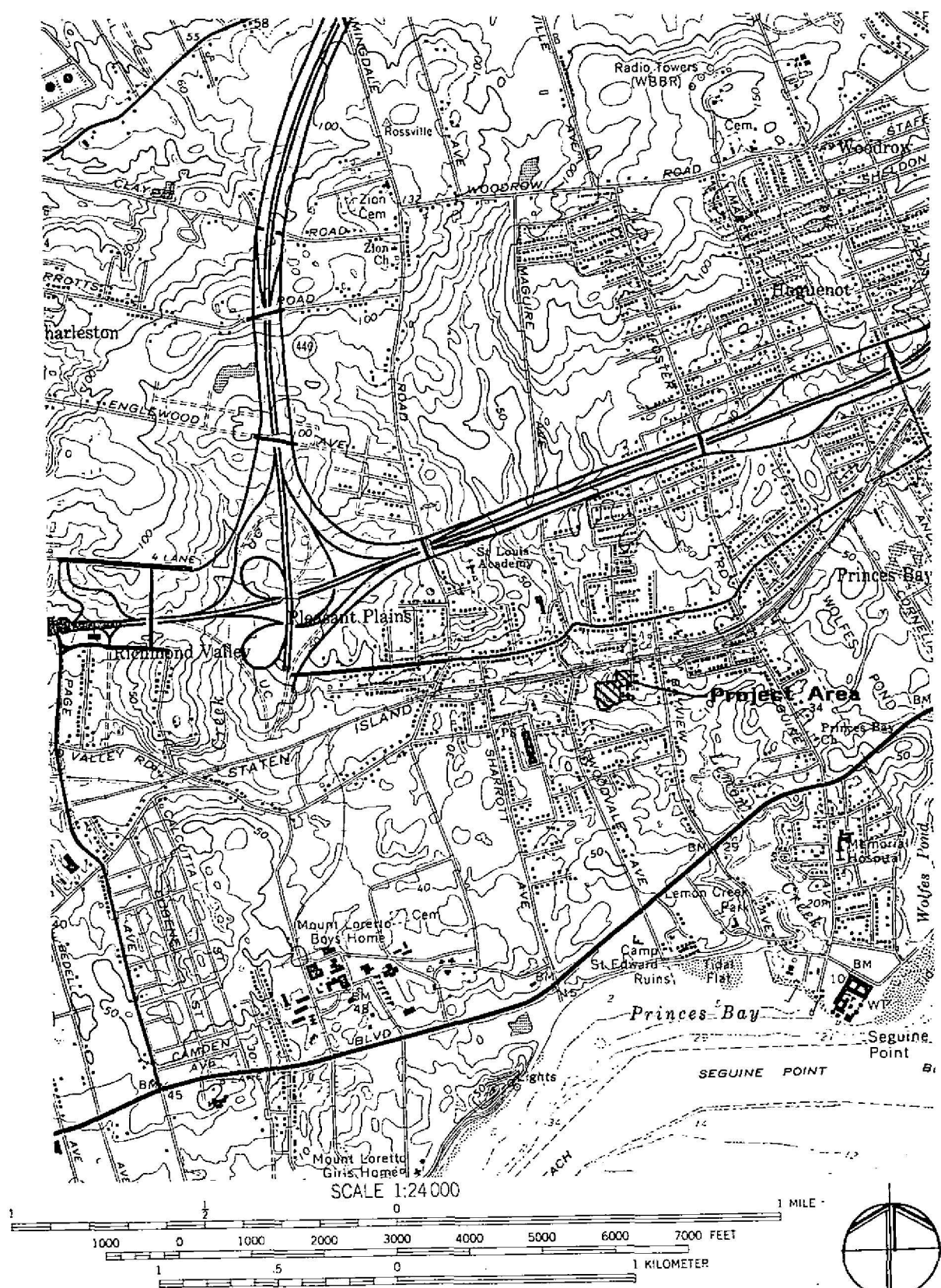


Figure 1 Project area location shown on portion of U.S.G.S. 7.5 minute series Arthur Kill quadrangle, 1966, photorevised 1981.

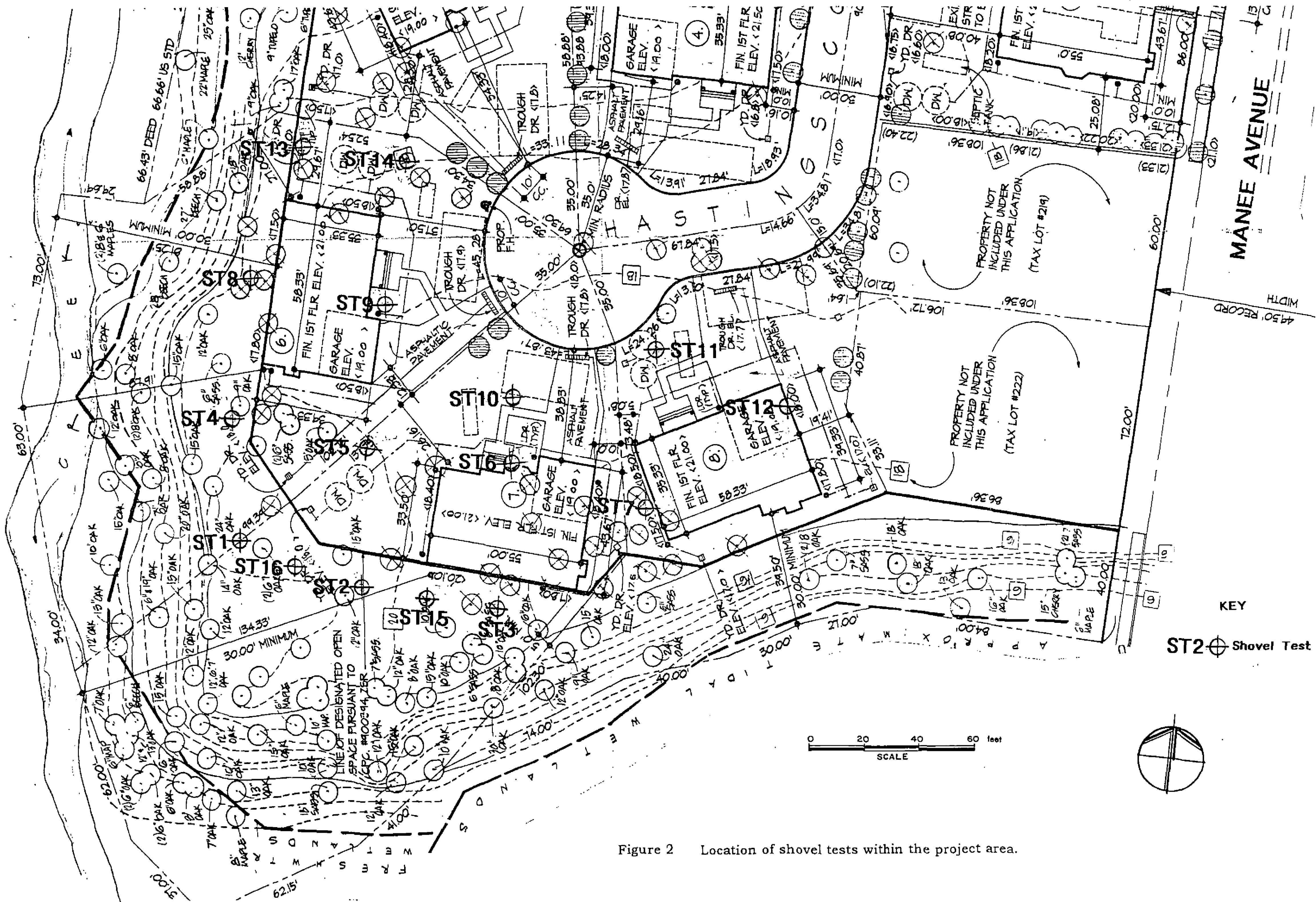


FIELD TESTING

The Stage 1B testing of the Manee Avenue project area took place on June 2, 1995. This parcel of approximately 3.5 acres was investigated by excavating shovel tests located on a 50 foot grid pattern or as close as possible to the grid intersections. During the Stage 1B testing of the project area, sixteen shovel tests were excavated. Fourteen of these tests were on or near grid locations. Two more tests were excavated at 25 foot intervals along the transect closest to the edge of the southern bluff above Lemon Creek. Obstacles encountered were piles of rubble and/or fill, occasionally boulders, trees and their roots. Brambles and other dense undergrowth were encountered especially in the south center of the project area, but these conditions did not require the abandonment of any tests. See Figure 2 for the location of the shovel tests.

The methodology employed for the shovel tests was straight forward. Roughly square tests approximately 1.5 feet across were excavated until 0.5 feet of the subsoil was explored, or until the test was impeded by excessive ground water or by other 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 original survey record forms.

Surface inspection was used in areas of good surface visibility to supplement the shovel testing. No artifacts were recovered from the Manee Avenue surface collecting, although this procedure did confirm the disturbed nature of the central portion of the project area.





SUMMARY OF STRATIGRAPHY

Three or four layers were identified in the sixteen shovel tests excavated within the Manee Avenue project area. Fifteen of the tests had three layers, and the other test had four layers.

The top layer was described as humus with root mat in three-fourths of the shovel tests. In one case it was described as silt with root mat and in two cases as turf or turf with silty loam. The color of this layer generally ranged from very dark greyish brown through very dark brown to dark brown. Very dark brown predominated. The exception was Shovel Test 10 where the top layer was a brown to dark brown silt with pebbles. This was the only test where pebbles were noted in the top layer, and the only location where this layer had a Munsell color in the 7.5YR range. Thickness of the top layer ranged from 0.1 to 0.3 feet, averaging 0.2 feet thick. The top layer was interpreted as topsoil with the exception of Shovel Test 10 where the actual topsoil appears to have been removed and replaced by a thin deposit of silt and pebbles. The second layer in Shovel Test 10 was a dark yellowish brown silty loam which is similar to that in surrounding tests.

The second layer of soil was described as silty loam in thirteen shovel tests, as silt in one test, and as slightly sandy silt in another test. Inclusions were few. Color was consistently dark yellowish brown. The only exception was Shovel Test 12 where the second layer was a compact silt with cobbles and pebbles. The color was a mottled mixture of dark yellowish brown, dark greyish brown, and yellowish red. Thickness of the second layer ranged from 0.4 to 1.0 feet, averaging 0.7 feet thick. The second layer was interpreted as a probable plowzone, with the exception of that in Shovel Test 12, which may have been fill. Shovel Test 3 had another layer of dark yellowish brown silt beneath its second layer. This layer differentiated by a slight difference in color and less organic material. This layer was 1.4 feet thick. It was also interpreted as a probable plow zone.

The bottom layer encountered during the shovel testing ranged in texture from silt through sandy silt to silty sand. Silt predominated. Inclusions noted were pebbles in five tests and cobbles in two. Color ranged from brown and dark brown, through strong brown, to dark yellowish brown. Strong brown was most common. The top of this layer was found from 0.6 to 2.1 feet below grade, averaging 1.0 feet below grade. The bottom layer was interpreted as subsoil.



ARTIFACT PROCESSING AND ANALYSIS

A total of 15 artifacts from six shovel tests were brought to the Greenhouse Laboratory for processing and analysis. Artifacts were washed in lukewarm water and then air-dried on screens at room temperature. After drying, artifacts were labeled with their context provenance in India ink and bagged in context labeled resealable polyethylene bags. Artifacts were identified and coded as to their functional group, class and material. This information was recorded on tyvek labels and placed within the bags with the artifacts.

Fourteen artifacts from five shovel tests were from the historic period. None had any datable diagnostic technological attributes. Fragments of ironstone ceramics, bottle glass, brick, oyster shell and flat glass were the objects found in Shovel Tests 6, 9, 10, 12 and 15.

One prehistoric artifact was found in Shovel Test 16. The distal end of a secondary flake made on a grey chert came from the second level. The quality of the chert was fine. Secondary flakes result from the stone tool manufacturing process. Once a tool maker removes the cortex flakes from the core and starts to shape the tool, secondary flakes are discarded as the tool is shaped.

See Appendix 2 for the complete artifact inventory and coding information.



RESULTS

One prehistoric artifact was recovered from Shovel Test 16. None of the other fifteen shovel tests produced prehistoric remains. This artifact is a chert flake, a waste product produced during the manufacture or modification of a stone tool.

A total of fourteen artifacts from the historic period were recovered from Shovel Tests 6, 9, 10, 12 and 15. All are relatively small fragments probably derived from agricultural use of this land during the nineteenth or twentieth centuries. The 1910 Topographical Survey shows this location as a meadow (Greenhouse Consultants 1995: Figure 7).



CONCLUSIONS AND RECOMMENDATIONS

This final report documents the procedures and results of the Stage 1B archaeological testing of the Manee Avenue Development project in Staten Island, New York. Based on this objective ground testing, it can be concluded that only one prehistoric resource is present within the Manee Avenue project area. This small site, represented by one chert flake, is located outside of the present impact area. It is situated on the edge of the bluff overlooking Lemon Creek to the south. This location is surrounded by a fence which will serve to keep all construction vehicles out of this zone adjacent to the creek. Since the prehistoric site at this location will not be impacted by the proposed housing construction, it is our recommendation that no further archaeological work is necessary here. We recommend that this location be cleared for construction activities.



Plate 1 Excavation in progress, Shovel Test 12, looking east.

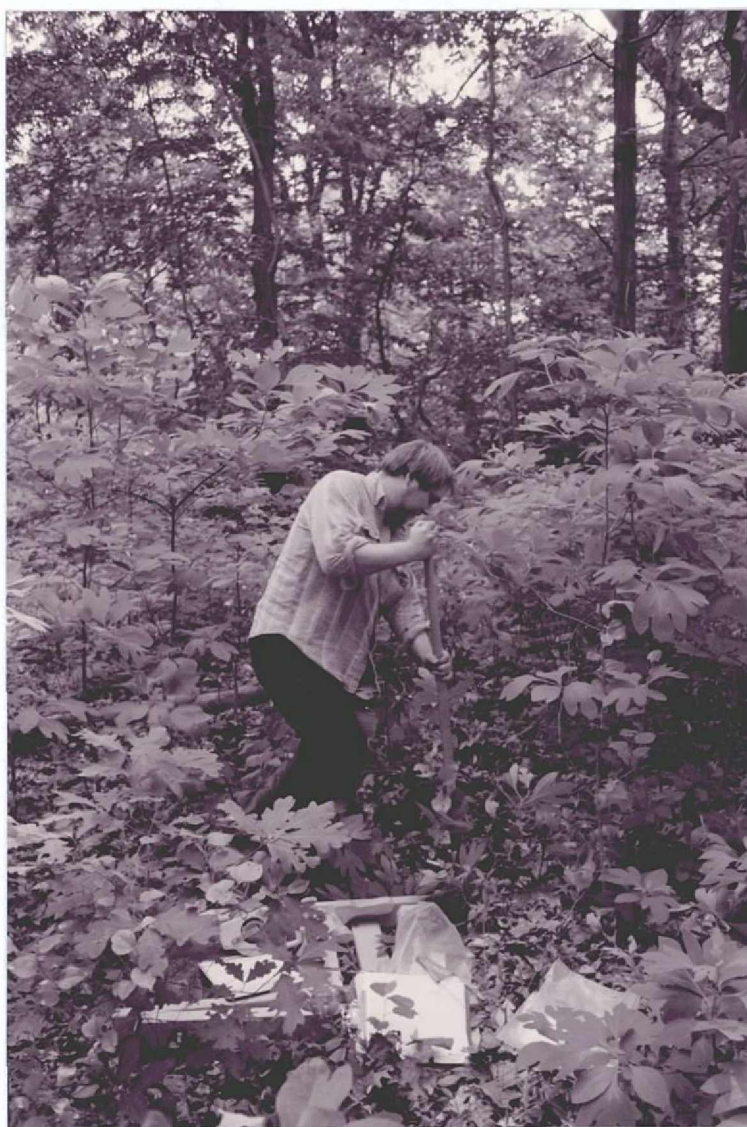


Plate 2 Excavation in progress, Shovel Test 16, looking west.



APPENDIX 1
FIELD RECORD FORMS
CONTEXT NUMBERING AND PROVENIENCE LABELING



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:

1. unprovenienced surface collection
2. provenienced surface collection
3. shovel testing
4. trenching
5. excavation units
6. feature excavation

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).

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>MANEE AVE</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 1</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	<u>0.0'-0.2'</u>	<u>humus w/red dirt</u>	<u>10y 2 1/2</u> <u>very dark</u> <u>brown</u>	<u>NCM</u>	
2	<u>-0.8'</u>	<u>silty loam w/roots</u>	<u>10y 3 1/4</u> <u>dark yellow</u> <u>brown</u>	<u>slaty (disc.)</u>	
3	<u>-1.2'</u>	<u>slightly sandy silt</u> <u>w/ coarse</u>	<u>7-5 4/6</u> <u>strong brown</u>	<u>NCM</u>	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
<u>7 stopped at 1.2'</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>MANEE AVE</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 2</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	<u>0.0'-0.2'</u>	<u>humus & root mat</u>	<u>10y 2 1/2</u> <u>very dark</u> <u>brown</u>	<u>NCM</u>	
2	<u>-0.8'</u>	<u>silty loam w/ roots</u>	<u>10y 3 1/4</u> <u>dark yellow</u> <u>brown</u>	<u>cent (disc.)</u>	
3	<u>-1.2'</u>	<u>compact</u> <u>silt w/ cobbles</u>	<u>10y 4/6</u> <u>strong brown</u>	<u>NCM</u>	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
<u>Stopped at 1.2'</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Mane Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>NR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 3</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	<u>0.0'-0.1'</u>	<u>humus & root mat</u>	<u>104m 3/2</u> <u>very dark</u> <u>grayish</u> <u>brown</u>	<u>NCM</u>	
2	<u>-0.7'</u>	<u>silty loam</u>	<u>104m 3/4</u> <u>dark yellowish</u> <u>brown</u>	<u>coal (disc.)</u> <u>clam shell (disc.)</u>	
3	<u>-2.1'</u>	<u>silt</u>	<u>104m 4/4</u> <u>dark yellowish</u> <u>brown</u>	<u>coal (disc.)</u>	
4	<u>-2.4'</u>	<u>silt</u>	<u>7.54m</u> <u>4/6</u> <u>grayish</u> <u>brown</u>	<u>NCM</u>	
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
<u>* stopped at 2.6</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Mane Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>NR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 4</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	<u>0.0'-0.2'</u>	<u>humus w/ root mat</u>	<u>104m 2/2</u> <u>very dark</u> <u>brown</u>	<u>NCM</u>	
2	<u>-1.2'</u>	<u>silt</u>	<u>104m 4/4</u> <u>dark yellowish</u> <u>brown</u>	<u>NCM</u>	
3	<u>-2.4'</u>	<u>compacted silt</u>	<u>7.54m</u> <u>4/6</u> <u>grayish</u> <u>brown</u>	<u>NCM</u>	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
<u>* stopped at 2.8</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Maise Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 5</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	<u>0.0' - 0.2'</u>	<u>humus & root MAT</u>	<u>10 ym 2/2</u> <u>very dark</u> <u>Brown</u>	<u>NCM</u>	
2	<u>- 0.8'</u>	<u>slightly sandy</u> <u>silt</u>	<u>10 ym 4/4</u> <u>dark yellow</u> <u>Brown</u>	<u>Coat silt (disc.)</u>	
3	<u>- 1.8'</u>	<u>sandy silt</u>	<u>10 ym 4/6</u> <u>strong brown</u>	<u>NCM</u>	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Maise Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 6</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	<u>0.0' - 0.2'</u>	<u>humus w/ root MAT</u>	<u>10 ym 2/2</u> <u>very dark</u>	<u>NCM</u>	
2	<u>- 0.8'</u>	<u>silty loam</u>	<u>10 ym 4/4</u> <u>dark yellow</u> <u>Brown</u>	<u>black frag</u> <u>clay shell</u> <u>Coat silt (disc.)</u>	
3	<u>- 7'</u>	<u>silty sand w/ pebbles</u> <u>pebbles</u>	<u>7.5 4/6</u> <u>grayish</u> <u>Brown</u>	<u>NCM</u>	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
<u>* stopped at 2'</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Manice Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 7</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0.0' - 0.2'	humus w/ roots Mt T	10 yd 2/2 very dark brown	NCM	
2	- 0.9'	Silty loam	10 yd 3/4 dark yellow brown	NCM	
3	- ? 1.4	compact silty w/ pebbles	10 yd 4/6 brown silty	NCM	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
* Stopped at 2.0'					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Manice Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 8</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0.0' - 0.3'	humus silty MAT	10 yd 2/2 very dark brown	NCM	
2	- 1.1'	Silty loam	10 yd 3/4 dark yellowish brown	NCM	
3	- 2.4 1.8	Slightly sandy silt w/ fibrous roots	10 yd 4/4 brownish silty	NCM	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
* stopped at 1.8'					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>MANCE AVE</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 9</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	<u>0.0'-0.1'</u>	<u>Turf</u>	<u>NA</u>	<u>NCM</u>	
2	<u>-0.8'</u>	<u>Silty loam</u>	<u>104 x 3/4</u> <u>dark reddish brown</u>	<u>bottle glass</u>	
3	<u>-2.4</u>	<u>silt w/ pebbles</u>	<u>7.5 x 4 1/2</u> <u>strong brown</u>	<u>NCM</u>	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.) <u>Stopped at 1.8'</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>MANCE AVE</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 10</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	<u>0.0'-0.3'</u>	<u>Silt w/ pebbles</u>	<u>7.5 x 4 1/4</u> <u>Brown / B. Brown</u>	<u>NCM</u>	<u>Fill</u>
2	<u>-0.9'</u>	<u>Silty loam</u>	<u>104 x 4 1/4</u> <u>dark yellowish brown</u>	<u>in clayiness, common</u>	<u>horizontal Ap</u>
3	<u>-2.4</u>	<u>Slightly sandy silt w/ pebbles</u>	<u>7.5 x 4 1/4</u> <u>Brown / B. Brown</u>	<u>NCM</u>	<u>horizontal B</u>
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.) <u>Stopped at 1.9'</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Mance Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	WR	KR	1/4"	6/2/95	ST 11
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0.0' - 0.1'	humus w/ leaf litter & turf	104x 4/3 dark brown	NCM	
2	0.1' - 0.3'	compacted silty loam	104x 4/4 dark greyish brown	WAT (disc.)	
3	0.3' - 1.3'	compacted slightly sandy silt	104x 4/6 strong brown	NCM	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Mance Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	WR	KR	1/4"	6/2/95	ST 12
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0.0' - 0.2'	silty loam w/ turf	104x 3/3 Dark brown	NCM	Topsoil
2	0.2' - 0.9'	very compact silt w/ pebbles	104x 4/4 medium brown	CCAM - coal (disc.)	Possible bed
3	0.9' - 7.5'	compact silt w/ pebbles	7.5' - 9.5' 4/4 Brownish grey	NCM	Subsoil
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
+ Stopped 1.2'					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Manassas Ave.</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	WR	KR	1/4"	6/2/95	ST 13
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0.0'-0.2'	silt w/ root mat	10y 2/2 brown dirt Brown	NCM	
2	- 0.7'	Silty loam	10y 4/4 dark yellow Brown	consist (disc.)	
3	- 1.2	silt	7.5 y 4/4 4/6 Brown/Brown	NCM	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
* ST 11 to 1.7'					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Manassas Ave.</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED ?	DATE :	TEST TYPE AND NO. :
	WR	KR	1/4"	6/2/95	ST 14
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0.0'-0.2'	humus & root mat	10y 4/4 dark dirt Brown	NCM	
2	- 0.6'	Silty loam	10y 4/4 dark yellow Brown	NCM	
3	- 2.8'	compact silt w/ pebbles	7.5 y 4/4 brown/dk Brown	NCM	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
* Stopped at 1.2'					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger Holes, Shovel tests

PROJECT : <u>Mance Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED :	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 15</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0.0'-0.2'	humus & root mat	10y 2/6 very dark brown	NCM	
2	~1.1'	Silty loam w/ roots	10y 4/4 Dark brown brown	back (fine) cont. sing (disc.) cont. (disc.) Pecan	
3	~2.4'	slightly sandy silt	7.5y 4/6 strong brown	NCM	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.) * Stopped at 1.7'					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Mance Ave</u>			COORDINATES :		
SITE :	SUPERVISOR :	EXCAVATOR :	SCREENED :	DATE :	TEST TYPE AND NO. :
	<u>WR</u>	<u>KR</u>	<u>1/4"</u>	<u>6/2/95</u>	<u>ST 16</u>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0.0'-0.2'	humus w/ root mat	10y 2/6 very dark brown	NCM	
2	~0.9'	silty loam	10y 4/4 Dark brown brown		
3	~2.4'	compact silt	7.5y 4/6 strong brown	NCM	
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.) * Stopped at 1.6'					
Cross Refs :					
Plan			Photos		
Section			Notebook		



APPENDIX 2
COMPLETE ARTIFACT INVENTORY
TABLES FOR CODING MATERIAL CULTURE

- A. Table for National Park Service Material Culture Data Base Coding Chart: Groups, Classes and Material
- B. Table for Data Base Coding Chart: Groups and Classes
- C. Table for Data Base Coding Chart: Prehistoric Artifacts - Class and Morphology
- D. Table for Data Base Coding Chart: Ambiguous Items of Material Culture

APPENDIX 2
A. Table for National Park Service Material Culture Data Base Coding Chart: Groups, Classes and Materials

GROUPS AND CLASSES		MATERIALS- COMMON LIST (CLASSIFIED)	
01 KITCHEN GROUP	09 ACTIVITIES GROUP	INORGANIC MATERIALS	ORGANIC MATERIALS
01 Dishes	01 Construction tools	CERAMIC	CELLULOSIC
02 Containers	02 Farm tools	001 Porcelain	115 Bark
03 Tableware	03 Leisure activities	002 Stoneware	108 Burlap
04 Kitchenware	04 Fishing gear	003 Earthenware	128 Charcoal
	05 ---	004 Whiteware/ironstone/granite	092 Cork
02 FAUNAL/FLORAL GROUP	06 ---	134 Undifferentiated ceramic	087 Cotton
01 Mammalia	07 Pottery class	CLAY	131 Fiberboard/masonite
02 Aves	08 Storage items	047 Clay	085 Hemp
03 Reptilia	09 ---	062 Kaolin	011 Paper
04 Amphibia	10 Stable and barn	079 Red clay	006 Wood
05 Pisces	11 Miscellaneous hardware		121 Cellulose seeds/ seed covering
09 Ethnofaunal/Zoological	12 Specialized activities	CONSTRUCTION	
16 Ethnobotanical	13 Military objects	069 Brick	CONSTRUCTION
	14 Housekeeping	071 Cement	093 Asphalt
03 ARCHITECTURAL GROUP	15 Public services	070 Mortar	125 Formica
01 Window glass		072 Plaster	101 Linoleum
02 Nails	10 PREHISTORIC GROUP		102 Tar paper
03 Spikes	01 Hunting and fishing activities	GLASS	
04 Door & Window hardware	02 Domestic activities	013 Milk glass	WAX
05 Other structural hardware	03 Stoneworking	076 Glass	076 Wax
06 Construction materials	04 Woodworking	112 Slag and clinker	
	05 Digging tools		GUM/RESIN
04 FURNITURE GROUP	06 Other fabricating or processing tools		010 Rubber, elastic
01 Hardware	07 Other general utility tools	METALS	009 Rubber, hard
02 Materials	08 Ceremonial & ornamental	005 Tin	
03 Lighting device	09 Miscellaneous	019 Silver	PETROCHEMICALS
04 Decorative furnishings		021 Gold	073 Carbon
	11 SAMPLES	026 Cuprous metal	095 Coal
05 ARMS GROUP	-- Charcoal samples for radiocarbon dating	028 Ferrous alloy	048 Graphite
01 Projectiles	-- Flotation samples	029 Aluminum	116 Tar
02 Cartridge case	-- light fraction	032 Steel	
03 Arms accessories	-- heavy fraction	034 Lead	PROTEIN
04 Gun parts	-- Soil samples	035 Chrome	118 Chitin (arthropod, exoskeleton)
		096 Mercury	106 Felt
06 CLOTHING GROUP	08 UNSPECIFIED GROUP	136 Undifferentiated metal	122 Flesh
01 Apparel			016 Hair
02 Ornamentation		STONE	117 Keratin (horns/fingernail/claws)
03 Making and repair		129 Agate	015 Leather
04 Fasteners		075 Asbestos	107 Silk
		133 Chalk	090 Sponge, natural
07 PERSONAL GROUP		052 Chert	105 Wool
01 Coins		042 Granite	
02 Keys		046 Gravel	COMBINATION MATERIALS
03 Writing paraphernalia		109 Jet	017 Bone
04 Grooming and hygiene		038 Limestone	132 Ivory
05 Personal ornamentation		041 Marble	067 Pearl
06 Other personal items		049 Mica	089 Shell
		058 Obsidian	
08 TOBACCO PIPE GROUP		057 Ochre	SYNTHETIC MATERIALS
01 Kaolin pipe class		068 Precious stone	103 Celluloid
02 Nonkaolin pipe		053 Quartz	088 Nylon
03 Smoking accessories		054 Quartzite	008 Plastic
		039 Sandstone	077 Soap
		044 Shale	091 Sponge, synthetic
		040 Slate	104 Synthetic
		060 Steatite	
		043 Schist	TEXTILE
		126 Undifferentiated stone	151 Undifferentiated textile



APPENDIX 2
B. Table for Data Base Coding Chart: Groups and Classes

GROUPS AND CLASSES	
01 KITCHEN	SAMPLE ARTIFACTS
01 Dishes	Plate, cup, salt cellar
02 Containers	Bottle, glass, fragments
03 Tableware	Eating utensils
04 Kitchenware	Cooking utensils, pot, kettle
02 FAUNAL/FLORAL GROUP	
01 Mammalia	Mammal
02 Aves	Bird
03 Reptilia	Reptile
04 Amphibia	Amphibian
05 Pisces	Fish
09 Other ethnofaunal/zoological	Oyster, crab, egg shells
16 Ethnobotanical	Seeds, nuts
03 ARCHITECTURAL GROUP	
01 Window glass	Window pane glass
02 Nails	Nails
03 Spikes	Railroad spikes
04 Door & Window hardware	Doorknob, doorhinge
05 Other Structural hardware	Pipe, fireplace tiles
06 Construction materials	Brick, mortar, roofing
04 FURNITURE GROUP	
01 Hardware	Handle, drawer pull, latch
02 Materials	Stoveparts, chair part, bedframe
03 Lighting device	Candlestick, lamp base
04 Decorative furnishings	Flowerpot, clock parts, vase
05 ARMS GROUP	
01 Projectiles	Shot, bullets
02 Cartridge case	Cartridge
03 Arms accessories	Gun flints, bullet molds, powderhorn
04 Gun parts	Pistol barrel, flintlock assembly
06 CLOTHING GROUP	
01 Apparel	Hat, coat, scarves, glove, shoe
02 Ornamentation	Beads, sequin, hatpin, feather
03 Making and Repair	Thimble, straightpin, scissors
04 Fasteners	Buttons, snaps, buckles, cufflink
07 PERSONAL GROUP	
01 Coins	Coins
02 Keys	Doorlock keys, padlock keys
03 Writing paraphernalia	Quill, fountainpen nib, graphite pencil
04 Grooming & hygiene	Hairbrush, razor, mirror, tweezers
05 Personal ornamentation	Jewelry, ribbon, ornamental comb
06 Other personal items	Pocketwatch, key chain, pocketknife

GROUPS AND CLASSES	
08 TOBACCO PIPE GROUP	
01 Kaolin pipe	Kaolin pipe
05 Nonkaolin pipe	Corncob pipe
06 Smoking accessories	Snuff tin, cusplord, tobacco tin, pipe cleaner
09 ACTIVITIES GROUP	
01 Construction tools	Axe head, drill bit, saw, paintbrush
02 Farm tools	Hoe, rake, plowblade
03 Leisure activities	Marbles, jew's harp, doll parts
04 Fishing gear	Fishhooks, sinkers, crab trap
05 ---	
06 ---	
07 Pottery class	Indian waterjar, effigy pot
08 Storage items	Crock, barrel staves, sacks
09 ---	
10 Stable and barn	Stirrup, horseshoe, rein, harness belt
11 Miscellaneous hardware	Rope, bolts, nuts, washers, chain
12 Specialized activities	Button blanks, metallurgic debris, saggars
13 Military objects	Insignia, bayonets
14 Housekeeping	Broom, coathanger, washboard
15 Public services	Sewer pipe, water pipe
10 PREHISTORIC GROUP	
01 Hunting and Fishing	Projectile point, atlatl hook
02 Domestic	Vessel, mortar, pestle
03 Stoneworking	Hammerstone, baton, flake, core
04 Woodworking	Celt, grooved axe
05 Digging Tools	Hoe
06 Other fabricating or processing tools	Drill, chisel, needle
07 Other general utility tools	Knife, prismatic blade, chopper
08 Ceremonial & ornamental	Sheet, gorget, bead
09 Miscellaneous	Function unknown





APPENDIX 2

C. Table for Data Base Coding Chart: Prehistoric Artifacts - Class and Morphology

Class 01: Hunting and Fishing Activities

- 01 - Projectile point
- 02 - Birdstone
- 03 - Bannerstone
- 04 - Boatstone
- 05 - Fish hook
- 06 - Netsinker
- 07 - Atlatl hook

Class 02: Domestic Activities

- 13 - vessel
- 14 - mortar
- 15 - pestle
- 16 - muller
- 17 - groundstone fragment

Class 03: Stone Working

- 21 - Hammerstone
- 22 - Baton
- 23 - Tine
- 24 - Splinter
- 25 - Drift or "punch"
- 26 - Anvil
- 27 - Flake, primary
- 28 - Flake, secondary
- 29 - Bifacial thinning flake
- 30 - Core
- 31 - Blank
- 32 - Tested piece

Class 04: Wood Working

- 37 - Celt
- 38 - Grooved axe
- 39 - Spokeshave

Class 16: Ethnobotanical

- Seeds
- Nuts

Class 06: Other Fabricating or Processing Tools

- 51 - Perforator
- 52 - Drill
- 53 - Awl
- 54 - Reamer
- 55 - Chisel
- 56 - Microperforator
- 57 - Needle
- 58 - Graver

Class 07: General Utility Tools

- 67 - Knife
- 68 - Side scraper
- 69 - Core scraper
- 70 - Stemmed end scraper
- 71 - Other end scraper
- 73 - Prismatic blade
- 74 - Chopper
- 75 - Utilized/Retouched flake
- 76 - Pitted pebble
- 77 - Gouge
- 78 - Maul
- 79 - Abrader
- 80 - Whetstone
- 81 - Biface
- 82 - Adze
- 83 - Distolateral scraper
- 84 - Bifacial end scraper
- 85 - Bifacial scraper

Class 08: Ceremonial & Ornamental Objects

- 85 - Angled pipe
- 86 - Tube
- 87 - Platform pipe
- 88 - Cloud blower pipe
- 89 - Sheet
- 90 - Plates
- 91 - Comb
- 92 - Bead
- 93 - Gorget
- - Hematite
- - Ochre



APPENDIX 2

D. Table for Data Base Coding Chart: Ambiguous Items of Material Culture

Note: The items listed below may be ambiguous or hard to place in a taxonomic category, but as a convention, for inventory purposes, will be coded as follows:

Unidentified wood fragments	98	00	006
Construction wood	03	06	006
Pegs, Wood planks	03	06	006
Twigs, branches	09	16	006
Burned wood (partial)	Code as wood (above) and put "burnt wood" in the comments section		
Charcoal and all small fragments of completely burnt wood	Code as charcoal		
Coal	98	00	095
Slag, burned coal, vitrified metalworking or manufacturing by-products	98	00	112
Pantiles	03	06	003
Delft fireplace tiles, wall skirting, etc.	04	04	003
Porcelain bathroom tiles, other bathroom furniture (tub, toilet, etc.)	03	05	001
Chamber pot	04	02	00-
Flowerpot	04	04	002 00-
Teeth	02	--	132
Fish scales	02	09	118
Coral	04	04	119
Eggshell	02	09	119
Seeds, seed covering	02	16	121
Schist (construction)	03	06	043
Schist (unidentified)	98	00	043
Red brick	03	06	169
Yellow brick	03	06	155
Linoleum	03	06	101
Metal hardware (probably construction)	03	06	()
Furniture hardware	04	01	()
Miscellaneous hardware (other and unidentified including screws, car parts)	09	11	()
Leather shoe parts	06	01	015
Unidentified leather scraps	98	00	015
Leather personal items	07	()	015

MANEE AVENUE PROJECT
STATEN ISLAND, NEW YORK
ARTIFACT INVENTORY

Page 1

Context : 3008.02

<u>Cat#</u>	<u>Context</u>	<u>Gp</u>	<u>Cl</u>	<u>Mat</u>	<u>Identity</u>	<u>Count</u>	<u>Comments</u>	<u>Reference</u>	<u>Range</u>
1	3008.02	03	06	069	Brick	2			
2	3008.02	02	09	089	Oyster shell	1			
						Subtotal =	3		

Context : 3009.02

<u>Cat#</u>	<u>Context</u>	<u>Gp</u>	<u>Cl</u>	<u>Mat</u>	<u>Identity</u>	<u>Count</u>	<u>Comments</u>	<u>Reference</u>	<u>Range</u>
3	3009.02	01	02	078	Bottle glass	1	Neck		
						Subtotal =	1		

Context : 3010.02

<u>Cat#</u>	<u>Context</u>	<u>Gp</u>	<u>Cl</u>	<u>Mat</u>	<u>Identity</u>	<u>Count</u>	<u>Comments</u>	<u>Reference</u>	<u>Range</u>
4	3010.02	01	01	004	Ironstone	4			
5	3010.02	01	01	004	Ironstone	1	Underglaze decorated blue		
6	3010.02	01	02	078	Bottle glass	1	Amber		
7	3010.02	01	02	078	Bottle glass	1	Aqua		
8	3010.02	03	01	078	Flat glass	1			
						Subtotal =	8		

Context : 3012.02

<u>Cat#</u>	<u>Context</u>	<u>Gp</u>	<u>Cl</u>	<u>Mat</u>	<u>Identity</u>	<u>Count</u>	<u>Comments</u>	<u>Reference</u>	<u>Range</u>
9	3012.02	01	01	004	Ironstone	1	Blue tinted glaze		
						Subtotal =	1		

Context : 3015.02

<u>Cat#</u>	<u>Context</u>	<u>Gp</u>	<u>Cl</u>	<u>Mat</u>	<u>Identity</u>	<u>Count</u>	<u>Comments</u>	<u>Reference</u>	<u>Range</u>
10	3015.02	01	01	004	Ironstone	1	Rim		
						Subtotal =	1		

Context : 3016.02

<u>Cat#</u>	<u>Context</u>	<u>Gp</u>	<u>Cl</u>	<u>Mat</u>	<u>Identity</u>	<u>Count</u>	<u>Comments</u>	<u>Reference</u>	<u>Range</u>
11	3016.02	10	03	052	Secondary flake	1	Grey chert		
						Subtotal =	1		
						Total =	15		