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PHASE 1B CULTURAL RESOURCE REPORT,
RED HOOK WATER POLLUTION CONTROL PROJECT
(CONTRACT 1B-2).
BROOKLYN, NEW YORK

Prepared For:
New York State Department of Environmental Conservation

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INTRODUCTION

In accordance with the dictates of the N.Y.S. Department of Environmental Conservation, we are submitting the following final report for Phase 1B testing within Contract 1B-2 of the Red Hook Water Pollution Control Project. This final report includes a detailed discussion of the internal stratigraphy and cultural contents of the six test trenches which ranged from 14 to 24 feet on a side and from 7 to 10 feet in depth, as well as a quantified inventory of all recovered materials. For each of the natural stratigraphic deposits, the range of variation and time periods of the artifacts encountered have been identified, photographic documentation of the diagnostic artifacts provided and computer tabulated graphs of the relative percentages of various types of artifacts within each deposit generated. This documentation has been analyzed by the project field supervisor, Mr. William I. Roberts IV, in order to address relevant research issues pertaining to the date ranges, sequences and processes of site formation.

The initial test trench field work for Contract 1B-2 was undertaken from the 13th of December 1984 until the 11th of January 1985. The fieldwork for the additional test trench for the Contract 1B-2 extension, was undertaken from the 1st through the 3rd of July, 1985. Out of a possible maximum of eight test trenches, six were excavated, based on the goal of establishing the presence or absence of two categories of remains: 1) mid-19th century structural or backyard remains on the north side of Kane Street, and 2) prehistoric and/or early historic remains on the pre-landfill Locust Island.

Detailed examination of the cartographic evidence indicated that the impact corridor missed the mid-19th century structure and its yard north of Kane Street, so the first five trenches were concentrated on testing the highest indicated area of Locust Island. One of the five test trenches, which were cut by backhoe to the interface of the bottom of the fill and the surface of Locust Island, immediately filled with water which caused portions of the sections to collapse. These safety hazards made further work at this location impossible, so our efforts were further concentrated on the remaining four test trenches. In these, 5'x10' units were manually excavated into the surface of Locust Island. These four test trenches (designated I, II, IV and V) were recorded in the field as a series of approximately 125 natural stratigraphic deposits identified by discreet "Context" numbers, reflecting differences in color, composition, and contents. Test Trench VI was positioned to investigate the edge of Locust Island where it began to drop off in elevation towards the East River. A 5'x10' unit was manually excavated to test the surface of Locust Island. Test Trench VI was recorded as a series of 16 contexts. Recovered materials from all test trenches were screened through 1/4" mesh, yielding a total of 1734 artifacts as well as 97.58 kilograms of building materials,

industrial wastes and shell. The relative stratigraphic relationships of these contexts within each test trench have been reconstructed as a Harris Matrix for that test trench.

Subsequent to the field work, all recovered materials were washed, marked, stabilized and catalogued according to a National Park Service taxonomy for historic artifacts. All diagnostic materials consisting of glass, ceramics and pipe fragments, were dated based on stylistic and technical criteria according to their TPQ (the beginning date for manufacture of each artifact type identified). This TPQ date provided a time frame for establishing the initial date after which the deposit had to be laid down. All artifacts were then computer inventoried on the in-house microcomputer data base system, which provided sorted catalogues with totals and dates for each excavated group of artifacts by natural units of stratigraphic association. Based on the artifact dates of the various context deposits, these were then grouped into larger "Components" reflecting units of contemporaneity and episodes of deposition.

The consulting geologist, Dr. John Sanders, made two brief visits to the site during which he collected samples of peat from about 20 feet below grade near Kane Street. These samples are being dated and a report will be forthcoming.

THE COMPUTER ASSISTED UNDERGROUND TOPOGRAPHIC MAP

The possible presence of a 17th-19th century shoreline island, known as Locust Island, was identified in the 1984 Phase IA report based on relative depth of one line of boring data down the length of Contract 1B-2 (Solecki 1984:21). However, aside from the shallowness of the 19th century landfill, the location configuration and shape of the island area was not definable. The historic 18th century map deposits could not be easily correlated with the wooden, concrete and asphalt shoreline of the post-1844 landfill over the former island location.

To reconstruct the location and shape of Locust Island and the historic shorelines, the Greenhouse archaeologist team, under the direction of Dr. Joel W. Grossman, combined existing 1930-present geological boring data from throughout the project area with a microcomputer-based topographic program by Geomap of Williamstown, Michigan to create a computerized approximation of the original 17-19th century pre-fill shoreline (Fig. 23). This underground map served as a basis for recommending an archaeological testing strategy for establishing the presence or absence and the relative integrity of any possible buried cultural materials associated with the buried Locust Island.

The computer reconstruction process involved 3 steps of data collection and software manipulation:

- 1) Data Selection: The borings from 74 existing split spoon borings (jobs 570, 671, 1545 and one other for which the number

is not currently available) were reviewed to establish the depths of recorded fill at each drill hole location.

2) Grid Definition: A study grid was superimposed over the Contract 1B-2 project area with 0 point locations near the corner of Columbia and Carroll Streets. The grid axes ran north and south on the X axis and east-west on the Y axis. This base map grid then served as a locational key to pinpoint the X, Y location of each of the historic engineering borings. This locational data was then translated into a table showing the identification number of each boring hole, the XY grid location of each boring and the recorded depth of fill for each drill point. Finally, each of these readings was manually input into the Apple IIE based mapping program with the fill depths being entered as the Z values.

3) The computer mapping program, "Geo-Map" operates in three steps of data manipulation: A) all input data is sorted in increasing X and Y locational points in a new data file; B) this sorted data is then interpolated into a uniform grid of new data points which average the relative heights of the points in each area of the grid to create grid points in "open" areas between each of the actual original boring locations. If the points exist on a line of the grid but separated by several hundred feet, the program electronically draws a line between the two and fills in the elevations along the slope at each unfilled grid point between. The end result is a uniform number grid across the entire project area, with interpolated points filled in between the actual field boring data positions; and C) The third stage of the software analysis involved the machine interpretation of these grid points into user defined contour intervals, distinguished by different printer characters for each elevation range. These patterns were then color coded for greater clarity.

The computer generated underground map was printed out to scale (1"=200 ft.) comparable with the existing engineering plans. A plastic overlay map of the existing shoreline, street alignments and drill locations were superimposed over the computer topographic map together with the project impact corridor of the proposed Contract 1B-2 sewer alignment.

The selected contour intervals were chosen to correspond with projected historic changes in the fluctuating water table level. Based on an assumed increase of ca. 1 ft./century in the tide line (Geismar 1983:684), Colonial high water marks would have been ca. 2-3 feet lower than the modern high water mark. The 1650 low-tide shoreline would have been between 14-15 feet below the present surface. One century later, the 1780 high water mark would have been ca. 10 feet below present surfaces. Within the project area, the historic shoreline was formally situated near Columbia Heights. The post-1800 fill has extended the modern shoreline by 800-1300 feet west into the bay towards Governor's Island. Beneath this 19th century fill, the computer assisted underground map shows the presence of a small peninsula near

Congress and Warren Streets, outside of the impact corridor, and the location and generalized shape of the historic Locust Island. A computer assisted perspective view of Locust Island was also generated from this data and is presented here as Figure 24.

LOCATION OF THE TEST TRENCHES

Six test trenches with dimensions ranging from approximately 12'x15' to 15'x18' were located within the Contract 1B-2 impact corridor and its extensions in accordance with our testing proposals. These proposals stated that Phase 1-B testing would be conducted to identify the presence or absence of two categories of remains: 1) mid-19th century structural and/or backyard remains indicated on the north side of Kane Street by the Phase 1A work (Solecki 1984:23); and 2) the probable location of the pre-landfill Locust Island, as predicted by the computer assisted topographic reconstruction prepared by Greenhouse Consultants, including the possible survival of early historic remains associated with a tidal dam and mill (Ratzer Map 1767).

Further investigation of the cartographic evidence for the location of the mid-19th century brick structure on the north side of Kane Street was undertaken to determine its position relative to the impact corridor. When an accurately scaled tracing from the 1855 Perris Atlas was overlaid with a representation of the 12' wide impact corridor, it was established that the impact corridor either entirely avoided this property, or just barely included its boundary with the Stone Cutters' yard to the east. Accordingly, field testing efforts were concentrated on determining the location and potential associations of Locust Island.

The total of 6 test trenches were located within the area specified by our computer assisted topographic reconstruction of Locust Island. Test Trench I was located near the center of Block #316, Test Trench II near the southern boundary of the block just north of Sedgewick Street, and Test Trench IV in the northern portion of the block south of Irving Street. Test Trench III was located on the northern edge of Block #318, just south of Sedgewick Street, and Test Trench V was located on the southern edge of Block #314, just north of Irving Street. Test Trench VI was located on the northern side of Sedgewick Street approximately 210 feet east of the former building line at the corner of Sedgewick and Van Brunt Streets. All six trenches were cut by backhoe to the interface with the bottom of the fill, whereupon manual excavation units were laid out in four of the five trenches. Manual excavation was impossible in Test Trench III, because immediately following exposure of the fill/silt interface at 7' below grade, it began filling with water. This constant flow of water over the surface of the silt caused part of the sections to collapse, creating unsafe conditions which precluded manual excavation or even drawing of the exposed sections through the fill. See the section on Excavation Methodology, below, for the procedures followed in the other five

test trenches. The locations of the six Test Trenches are shown on the site plan, Figure 12.

EXCAVATION METHODOLOGY

The Test trenches were positioned along the impact corridor centerline using a transit and fiberglass surveying tapes. Fluorescent spray paint was then used to mark their edges on the surface of the Port Authority property. A backhoe was used to break through the pavement(s) where necessary, and to excavate the trenches. Backhoe excavation ceased when evidence of the silt surface of former Locust Island was observed. Backhoe buckets of material removed from the landfill and post-landfill deposits were dumped on previously cleaned areas of pavement adjacent to the trenches where they could be screened and/or visually examined for artifacts. The sections exposed by the backhoe excavation were then cleaned, drawn and photographed. 5'x10' excavation units were then laid out in the bottom of the backhoe trenches with one of their ten foot sides on the impact corridor centerline, again using the transit and surveying tapes. These 5'x10' units were excavated manually using shovels, trowels, etc. Soil samples were collected from each context wherever possible, from both the backhoe trenches and the manual excavation units. Recording and excavation in the manual units was done by natural stratigraphic deposits, except for the excavation of the silt surface of former Locust Island which was done by 0.5 ft. thick arbitrary layers. When excavation in the manual units was completed, their sections were also drawn and photographed.

DESCRIPTION OF CONTEXTS

For each test trench, a chart has been assembled listing all contexts encountered, descriptions of their soil matrices and inclusions, a Munsell reading of the soil matrix color and the component to which it has been assigned. Also included is a column for Terminus Post Quem which is the beginning manufacture date for the latest artifact found in that context. The following abbreviations are used: Context - Cx; Component - CMP; and Terminus Post Quem - TPQ. The five charts are included here as Figures 2 through 6. It proved necessary to subdivide several contexts during the analysis phase. They are Cx. 123, 126, 135, 405 and 502. Their descriptions appear here as recorded in the field, but they are labeled as subdivided on the sections (ie: 135.01-.04).

HARRIS MATRICES

Following the context description charts are Harris Matrices for each of the test trenches. These are representations detailing all the interrelationships of the contexts from a given test

RED HOOK: CONTRACT 1B-2
 TEST TRENCH I - CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TPQ	CMP
121	Sand w/ clay, brick, mortar & stone fragments			4
122	Concrete slab	2.5 Y 6/0		4
123	Cinders & slag w/ clay, coal, ash & charcoal.	10 YR 5/2 5 YR 2.5/1	1850	4
124	Sand w/ iron oxide concretions, ash, pebbles, etc.	7.5 YR 5/8 7.5 YR 4/6	1850	3
125	Compact clay w/ much coal, charcoal, and a few brick fragments.	2.5 Y 2/0		3
126	Clay w/ much sand, some ash, brick fragments, pebbles, slag, oyster shell, etc.	7.5 YR 3/2		3
127	Compact silt w/ some vitreous slag & siltstone fragments.	7.5 YR 2/0		3
128	Mottled sandy silt w/ clay, coal, ferrous slag, and nails.	7.5 YR 5/4 7.5 YR 4/6 10 YR 5/4 10 YR 4/3		3
129	Loose ash w/ sand, clay, ferrous slag and shale fragments.	7.5 YR 3/4		3
130	Red brick fragments.	10 R 4/8		4
131	Brick, stone & mortar. Wall Segment.			4
132	Loose ash & cinders w/ some slag.			4
133	Cinders, slag and ashes.	10 YR 5/3		3
134	Corroded Fe sheeting fragments.	5 YR 5/8 5 YR 4/6		3
135	Much ash, cinders & charcoal w/ a little slag and silt.	10 YR 3/2		3

Figure 2a

RED HOOK: CONTRACT 1B-2
TEST TRENCH I - CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TPQ	CMP
136	Concrete w/ some tar, brick frags adhering to surface.			4
137	Concrete			4
138	Slag and charcoal	10 YR 3/1		3
139	Sandy silt w/ slag, coal, etc.	10 YR 2/1		3
140	Sandy silt.	10 YR 3/4		3
141	Clayey silt	5 YR 5/4 5 YR 4/4 5 YR 4/6	1840	3
142	Slightly sandy silt w/ profuse coal, ferrous slag, cinders, etc.	10 YR 2/1		4
143	Silt w/ much charcoal & cinders.	10 YR 2/1 10 YR 2/2		3
144	Slightly sandy silt w/ some Fe concretions.	5 YR 3/4	1850	3
145	Loose sandy silt w/ red brick & coal fragments. Some pebbles.	10 YR 3/1		2
146	Ferrous concretion w/ some compact silt.	10 YR 3/4		2
147	Silt w/ charcoal & small red brick fragments.	10 YR 2/2	1830	2
148	Mottled silt w/ much ash & charcoal; some ferrous oxide concretions.	5 YR 6/8 5 YR 5/4 7.5 YR 4/4 7.5 YR 4/2	1830	2
149	Compact silt w/ some red brick frags, cinders, Fe frags.	7.5 YR 3/4 7.5 YR 4/3		2
150	Red brick frags, stone frags and a few cobbles in a little ash and charcoal.	2.5 YR 5/8 10 YR 6/2		2

Figure 2b

RED HOOK: CONTRACT 1B-2
 TEST TRENCH I - CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TPQ	CMP
151	Silt w/ cobbles, red brick frags, pebbles, Fe frags, charcoal.	7.5 YR 4/6 7.5 YR 3/4	1820 (dis-counting 1891 safety glass)	2
152	Slightly clayey silt w/ a little charcoal, coal & red brick frags.	7.5 YR 4/4 7.5 YR 3/4	1840	2
153	Sandy silt w/ many red brick frags, stone frags and cobbles.	7.5 YR 4/4 7.5 YR 4/6	1850	2
154	Sandy silt w/ many red brick frags, much slag, some Fe frags, stones & pebbles.	5 YR 4/3 5 YR 4/4 5 YR 4/6	1830	2
155.01-.04	Compact silt w/ pockets of sand & clay.	5 YR 4/3 5 YR 4/4		1
156.01-.04	Compact silt w/ pockets of sand & clay.	5 YR 4/3 5 YR 4/4		1
160	Mixed fill.		1903	5

Figure 2c

RED HOOK: CONTRACT 1B-2
TEST TRENCH II - CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TPQ	CMP
221	Concrete			4
222	Sandy silt w/ profuse gravel	10 YR 2/1		4
223	Silty sand w/ profuse gravel and metal pipe	5 YR 3/3		4
224	Clayey silt w/ sand & gravel	7.5 YR 4/6		4
225	Mottled sandy silt w/ profuse cinders, coal frags & some gravel	10 YR 2/1 5 YR 5/8 7.5 YR 3/2		4
226	Mottled sandy silt w/ profuse cinders, and a little silty clay.	7.5 YR 2/0 7.5 YR 6/8 2.5 Y 5/4	1888	4
227	Silt w/ gravel & some cinders & Fe concretions.	10 YR 3/2 10 YR 4/3	1734	3
228	Sandy silt w/ some gravel	7.5 YR 4/6		3
229	Mottled sandy silt w/ profuse gravel	10 YR 5/2 10 YR 4/4 10 YR 4/1 10 YR 5/3	1850	3
230	Mottled silty sand w/ much gravel	10 YR 5/2 10 YR 4/4 10 YR 4/1 10 YR 5/3	1820	4
231	Slightly silty sand	10 YR 5/2		3
232	Mottled sandy silt w/ a little coal and cinder	10 YR 4/3 5 YR 4/3	1820	3
233	Compact silt w/ some fine sand	5 YR 5/4		3
234	Compact silt	5 YR 5/3	1830	2
235	Compact silt, slightly micaceous	5 YR 4/3		2

Figure 3a

RED HOOK: CONTRACT 1B-2
 TEST TRENCH II- CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TPQ	CMP
236	Mottled silty sand	10 YR 3/1 2.5 YR 4/2		2
237	Wooden Beam			2
238	Stones set in silty sand			2
239	Silty sand w/ mortar and Fe frags	10 YR 5/3		2
240	Compact clayey silt	5 YR 4/2		2
241	Clayey silt w/ a little sand	7.5 YR 4/2		1
242	Sand		1762	2
243	Silty clay w/ a little sand	7.5 YR 4/2		1
244	Sandy silt w/ gravel & cinders			4
245	Concrete			4
250	Mixed Fill		1850	5

Figure 3b

RED HOOK: CONTRACT 1B-2
TEST TRENCH IV- CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TPQ	CMP
400	Concrete slab			4
401	Coarse sand w/ gravel	5 YR 2/0 5 YR 3/1		4
402	Sand w/ red brick frags, gravel and concrete frags	5 YR 7/4?		4
403	Concrete slab			4
404	Gravel & cinders in some sand	7.5 YR 2/0		3
405	Sand w/ cinders & gravel	7.5 YR 6/8 5 YR 6/1 7.5 YR 2/0 10 YR 3/4	1850	3
406	Gravel, pebbles & charred wood in some sand	7.5 YR 2/0		3
407	Ash & pebbles	5 YR 8/0 5 YR 7/0		3
408	Compact sand w/ pebbles	2.5 YR 7/4		3
409	Sand w/ some gravel	10 YR 3/2 10 YR 5/1		3
410	Silty sand	7.5 YR 6/4		3
411	Stone & mortar, wall segment			4
412	Sand w/ gravel, brick & mortar frags	10 YR 3/1		4
413	Interface (w/ Cx. 414, 415.01, 416.01)		1850	3
414	Silt	5 YR 4/1	1830	3
415.01-.04	Compact silt w/ a little sand	5 YR 3/4		1
416.01-.04	Compact silt w/ a little sand	5 YR 3/4		1
420	Mixed fill		1888	5

Figure 4

RED HOOK: CONTRACT 1B-2
TEST TRENCH V - CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TPQ	CHP
501	Sandy silt w/ root mat & occasional red brick frags & pebbles	5 YR 3/4		4
502	Silt with profuse ashes & some organic material	2.5 YR 5/2		4
503	Silt w/ profuse red brick frags & some ashes	2.5 YR 5/4		4
504	Cinders w/ charcoal & slag	5 YR 2.5/1		4
505	Silt w/ a few sand grains	2.5 YR 5/2	1855	4
506	Decomposed wood w/ some charcoal	5 YR 4/2		4
507	Ash w/ much charcoal & coal, & some slag	10 YR 2/2		4
508	Silt w/ Fe frags	5 YR 4/4 5 YR 4/6		3
509	Slightly sandy silt	7.5 YR 3/2		3
510	Fine sand w/ quartz frags	5 YR 4/6		3
511	Loose sand w/ small pebbles, brown stone & shale frags, & some limestone & charcoal	10 YR 4/6		3
512	Loose sand w/ small pebbles	10 YR 5/6		3
513	Loose sand w/ small pebbles, brown stone and shale frags	10 YR 5/2		3
514	Loosely compacted limestone frags	7.5 YR 8/0		3
515	Sandy silt w/ large shale & brown stone frags	7.5 YR 5/2		3
516	Compact sandy silt w/ a few small pebbles	7.5 YR 4/4		3
517	Sandy silt w/ a few pebbles	7.5 YR 4/6		3

Figure 5a

RED HOOK: CONTRACT 1B-2
 TEST TRENCH V - CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TFQ	CMP
518	Sandy silt w/ much red brick, coal, cinders & pebbles	7.5 YR 4/4		4
519	Silty sand w/ shale, limestone, red brick frags & some pebbles	7.5 YR 4/2	1734	4
520	Sandy silt w/ large shale & brownstone frags	10 YR 5/3		3
521	Tar	7.5 YR 2/0		3
522.01-.04	Fairly compact sandy silt w/ occasional pebbles & some small pockets of sand	7.5 YR 4/4	1850	1
524	Loose gravel in some sandy silt	7.5 YR 3/2	1850	3
525	Slightly sandy silt w/ building stone frags & some organic stains	7.5 YR 3/2		3
526.01-.04	Fairly compact sandy silt	7.5 YR 5/2		1
530	Mixed fill		1855	5

N.B. - Cx. 523 was equivalent to Cx. 526.01, but as the latter number was used instead, Cx. 523 has been eliminated.

Figure 5b

RED HOOK: CONTRACT 1B-2
TEST TRENCH VI- CONTEXT CHART

CONTEXT	DESCRIPTION	MUNSELL	TPQ	OMP
601	Reinforced concrete slab			4
602	Sandy silt w/ profuse gravel	10 YR 5/3		4
603	Coal and cinders w/ some concrete and mortar fragments	10 YR 4/1		4
604	Sandy silt w/ some pebbles and red brick fragments	10 YR 3/2		3
605	Ash and cinders	10 YR 2/1 10 YR 7/1		3
606	Sandy silt w/ some pebbles	10 YR 3/3		3
607	Silt w/ profuse red brick fragments and some mortar fragments	10 YR 3/2		3
608	Sandy silt w/ much charcoal and ash	2.5 Y 2/0		3
609	Compact silty sand w/ occasional red brick fragments	7.5 YR 4/2		3
610	Silty sand w/ profuse ash	10 YR 2/1		3
611	Slightly silty sand w/ occasional pebbles	10 YR 4/2		3
650	Mixed fill		1872	5
651	Compact silt w/ some sand and occasional pebbles	7.5 YR 4/4	1830	3
652	Sandy silt w/ some gravel and red brick fragments	7.5 YR 3/4	1790	3
653.01-.03	Fairly compact silt w/ lenses of sand and some cobbles and pebbles	7.5 YR 4/4 10 YR 4/3	1852	1
654.01-.03	Fairly compact silt w/ lenses of sand	7.5 YR 4/4 10 YR 4/3		1

Figure 6

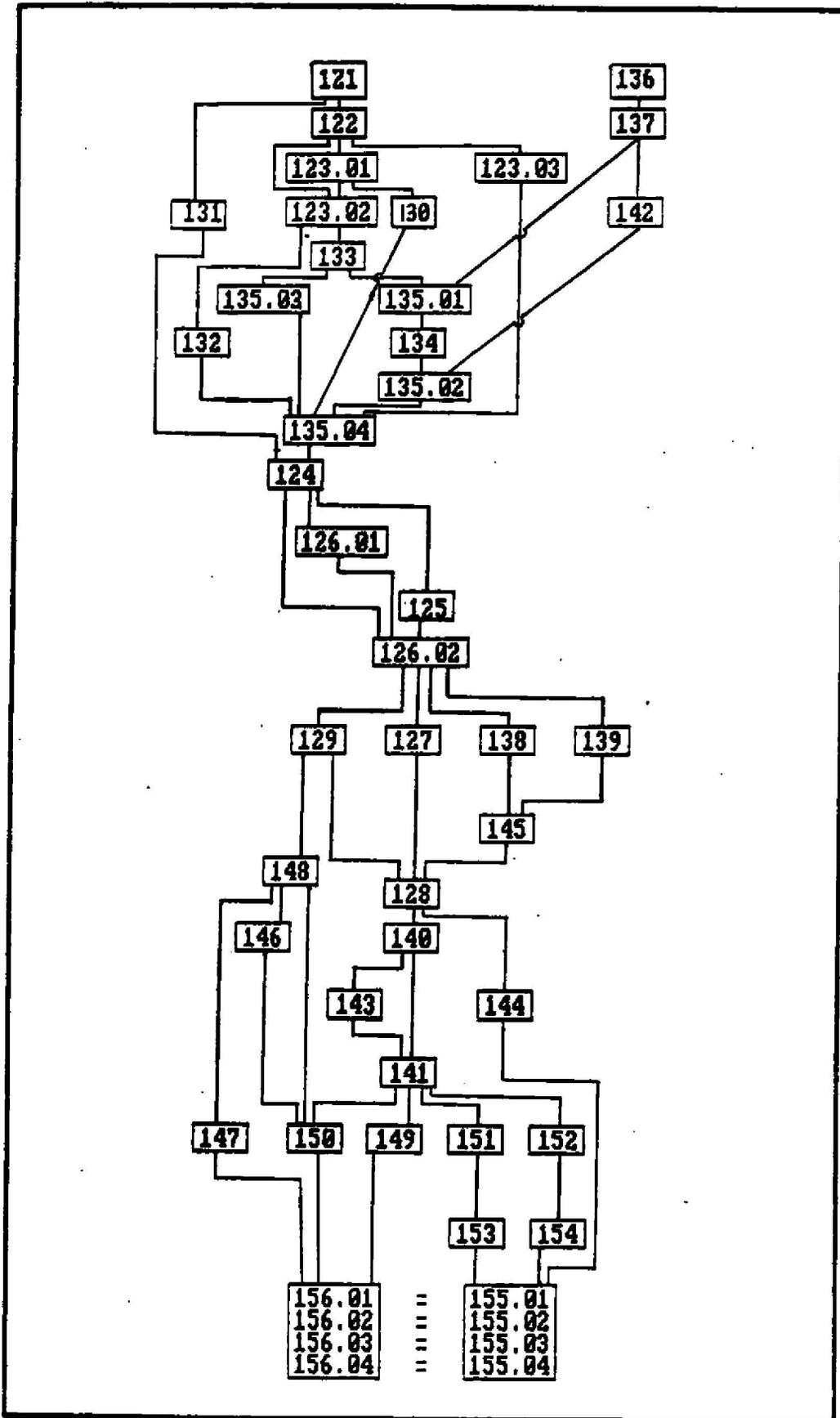


Figure 7 : Harris Matrix T. Tr. I

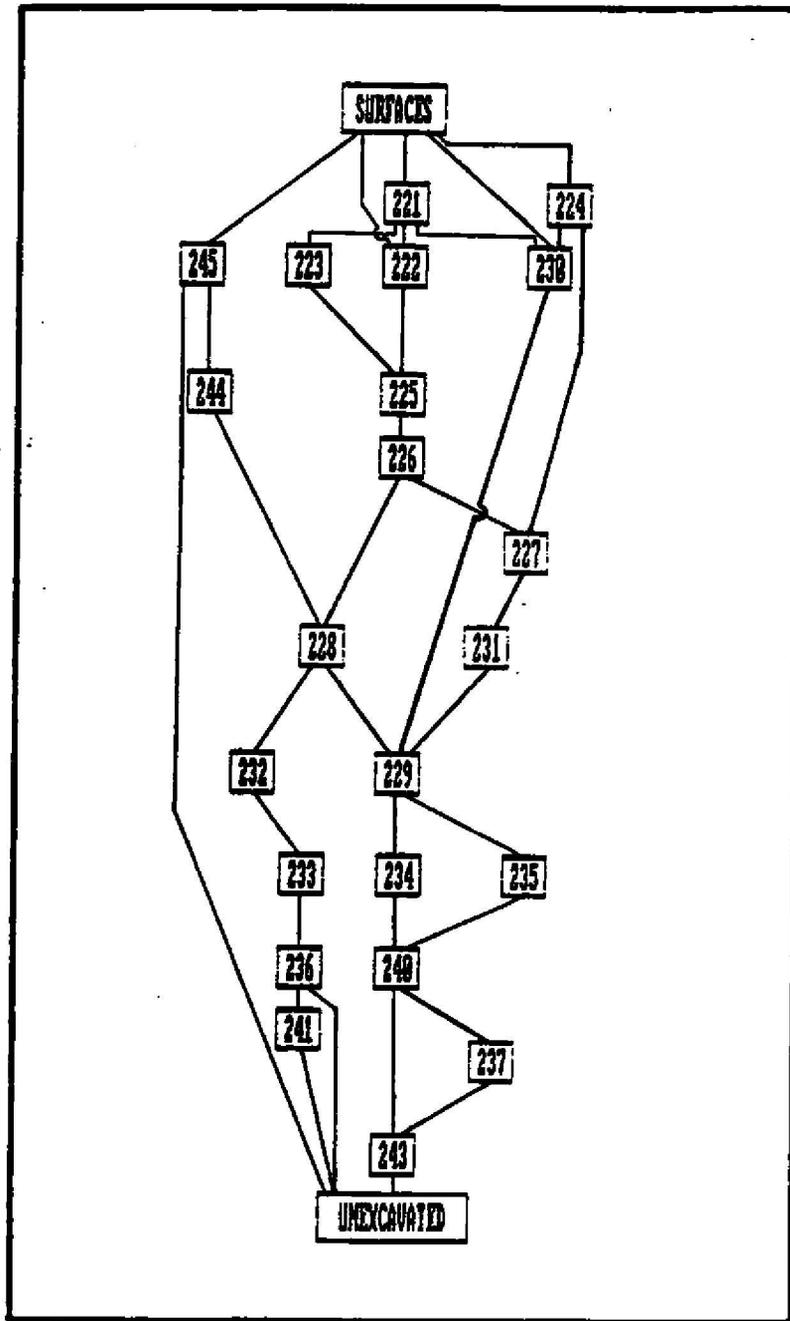


Figure 8: Harris Matrix T. Tr. II

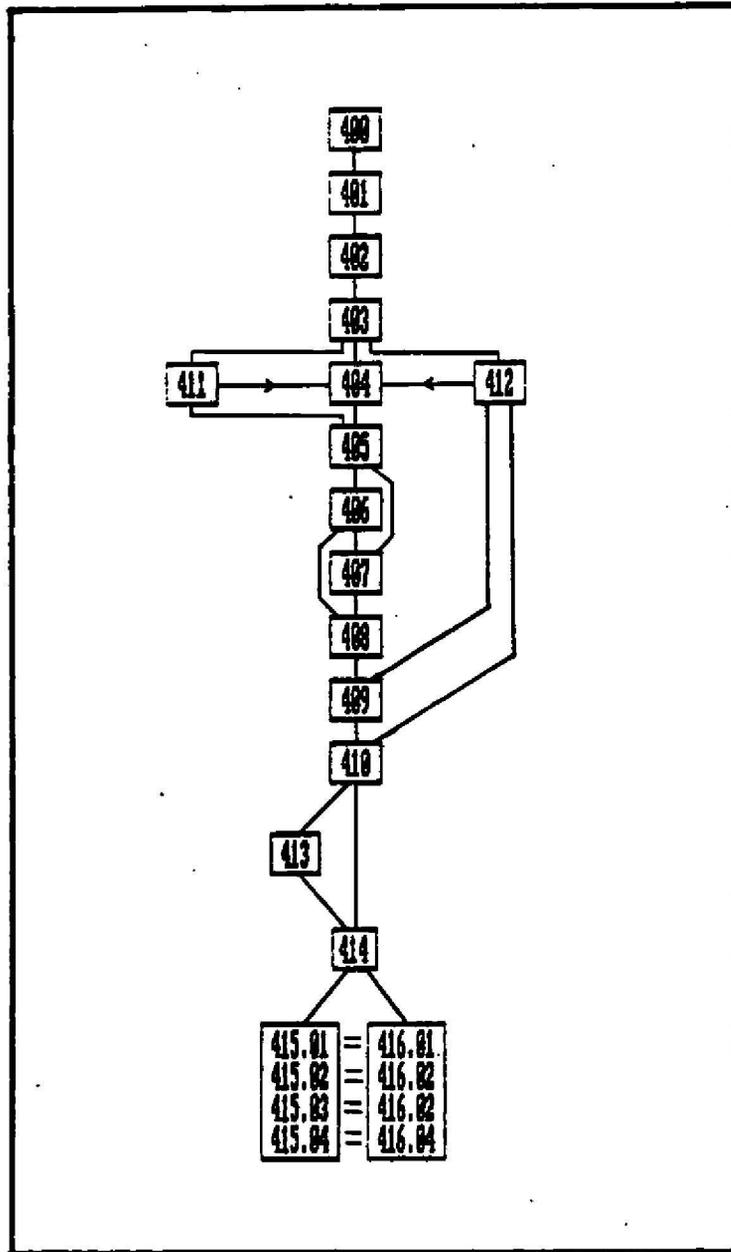


Figure 9: Harris Matrix T. Tr. IV

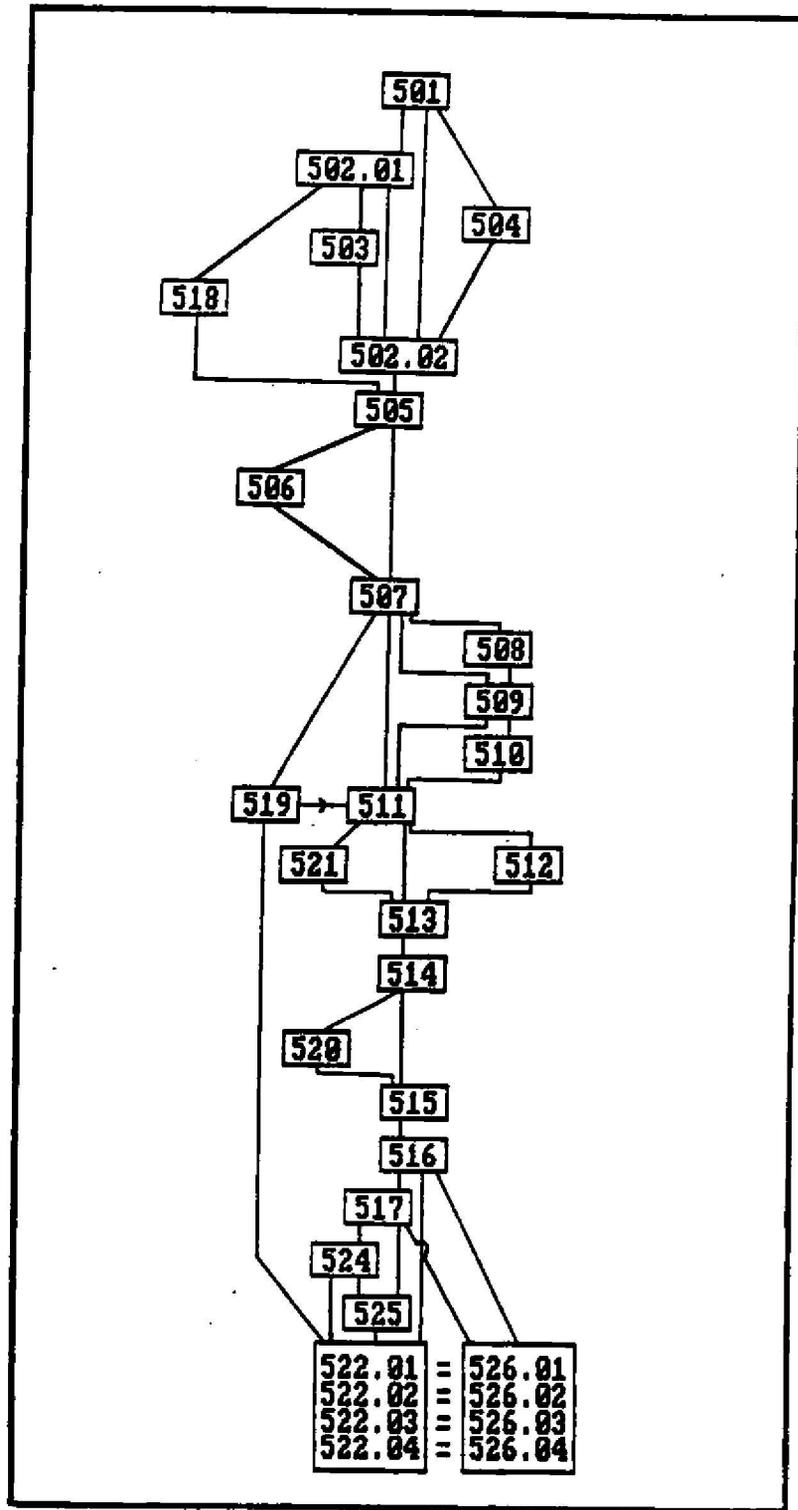


Figure 10: Harris Matrix T. Tr. V

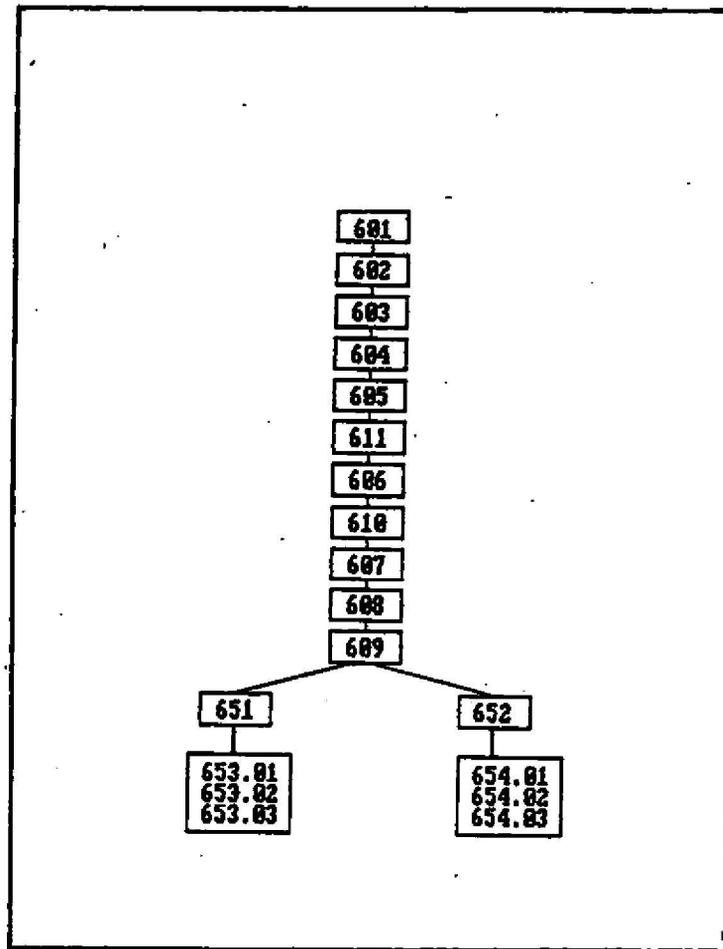


Figure 11: Harris Matrix T. Tr. VI

trench. Each context is represent by its context number within a rectangular box. The lines between the boxes indicate interfaces between those contexts. The five matrices are included here as Figures 7 through 11. See Harris' book for a detailed explanation of the development and use of these matrices (Harris 1979).

COMPONENT SUMMARIES

The term component has been used here as the next higher order of stratigraphic analysis above the context, which is the minimal unit of stratigraphic recording. All contexts of similar nature have been grouped together as a component, which therefore represents a unit of relative contemporaneity. Since all five test trenches where manual excavation was possible were located within a reasonable distance from one another, they were analyzed using components common to all test trenches which included appropriate contexts.

Component 1 (Test Trenches I, II, IV, V & VI): 10 contexts (Cx. 155.01-.04, 156.01-.04, 241, 243, 415.01-.04, 416.01-.04, 522.01-.04, 526.01-.04, 653.01-.03, 654.01-.03). Surface of Locust Island. General description: Compact silt with occasional pockets of sand and clay. TPQ is 1852 from Cx. 653.01, however, this date, the date of 1850 from Cx. 522.01 and the date of 1840 from Cx. 415.01 probably derive from the landfill directly above. Test Trenches IV, V and VI (where these finds were made) have an interface between the landfill (CMP3) and the former island surface (CMP1). Since all the diagnostic artifacts found in CMP1 were from these three contexts, and all represent the top surface of the island directly at the interface with CMP3, it can be safely concluded that these artifacts, which have TPQ's of 1840-1852 were probably pressed into the island surface during the deposition of the initial layers of landfill. See Fig. 21 for a bar graph of the relative percentages of diagnostic artifacts found, including ceramics, glass, pipes, bone and other finds. (This figure does not include architectural remains and industrial wastes, such as brick and slag, which were weighed and not counted). Due to water, it was not possible to excavate more than 0.5' into the surface of Locust Island in Test Trench II, so Cx. 241 and Cx. 243 were not subdivided. Similarly, there are no subdivisions of .04 for Cx. 653 and 654, also because of water running into Test Trench VI.

Component 2 (Test Trenches I & II): 18 contexts (Cx. 145-154, 234-240, 242). Architectural remains on the former Locust Island. General description: The matrix ranged from clayey silt to sand, but was primarily silt. Inclusions noted were considerable red brick, much charcoal, many Fe fragments, stone fragments, cobbles, some ash, coal, cinders, mortar, slag and pebbles. The remains in Test Trenches I and II could represent different portions of the same building, or sections of two separate and adjacent buildings. The remains in Test Trench I

were characterized by a considerable amount of red brick and had good evidence of burning and therefore may represent a sort of hearth with its associated chimney fall. The remains in Test Trench II contained two large wooden beams with vertical holes drilled through them which could well have been the base for some sort of machinery. The TPQ is 1850 from Cx. 153, which probably dates the destruction of this building or buildings. Other artifacts dating from 1820 through 1840 (Cx. 147, 148, 151, 152, 154, and 234) probably date from this structure's period of use. One small fragment of safety glass with a TPQ of 1891 was found in Cx. 151, but this probably fell out of the section above the excavation unit during excavation and is therefore intrusive. See Fig. 21 for a bar graph of the relative percentages of diagnostic artifacts found, including ceramics, glass, pipes, bone and other finds. (This figure does not include architectural remains and industrial wastes, such as brick and slag, which were weighed and not counted).

Component 3 (Test Trenches I, II, IV, V and VI): 54 Contexts (124-129; 133-135; 138-141; 143-144; 227-229; 231-233; 404-410; 413-414; 508-517; 520-521; 524-525; 604-611; 651-652). Landfill. General description: lenses of fill with matrices varying from clay to sand, but primarily sandy silt, with varying amounts of inclusions such as slag, cinders, coal, charcoal, ashes, pebbles, gravel, stone fragments, red brick fragments, and mortar fragments (listed in descending order by frequency). The TPQ is 1850 from Cx. 124, 144, 405, 413 and 524. One small fragment of safety glass with a TPQ of 1891 was found in Cx. 144, but this probably fell out of the section above during excavation of this Context, and is therefore intrusive. Cx. 144 was a large wooden beam running north-south alongside the possible hearth, which presumably served as a sill for a wooden framed wall. Cx. 144 represents both the construction phase for this wall as well as its destruction. This can be seen clearly in the south section of Test Trench I (See Fig. 12), where Cx. 144 appears as a narrow trench at the top, and a considerably wider one below where it shifts to the east. This lower, more easterly section is the construction trench for the wall, while the upper portion represents the robbers' trench for its removal. The backfill of this portion was part of the landfill, therefore Cx. 144 was included in CMP3 and not CMP2, despite its obvious relationship to the building(s) constructed on Locust Island. See Fig. 21 for a bar graph of the relative percentages of diagnostic artifacts found, including ceramics, glass, pipes, bone and other finds. (This figure does not include architectural remains and industrial wastes, such as brick and slag, which were weighed and not counted).

Component 4 (Test Trenches I, II, IV, V and VI): 35 contexts (cx. 121-122; 130-132; 136-137; 142; 221-226; 230; 244-245; 400-403; 411-412; 501-507; 518-519; 601-603). Post-landfill construction and disturbance. Consisted primarily of architectural remains (such as stone, brick and mortar wall segments, concrete slabs and piers, builders' trenches, etc.), and various disturbances cut into the landfill (such as pipe trenches, cable trenches,

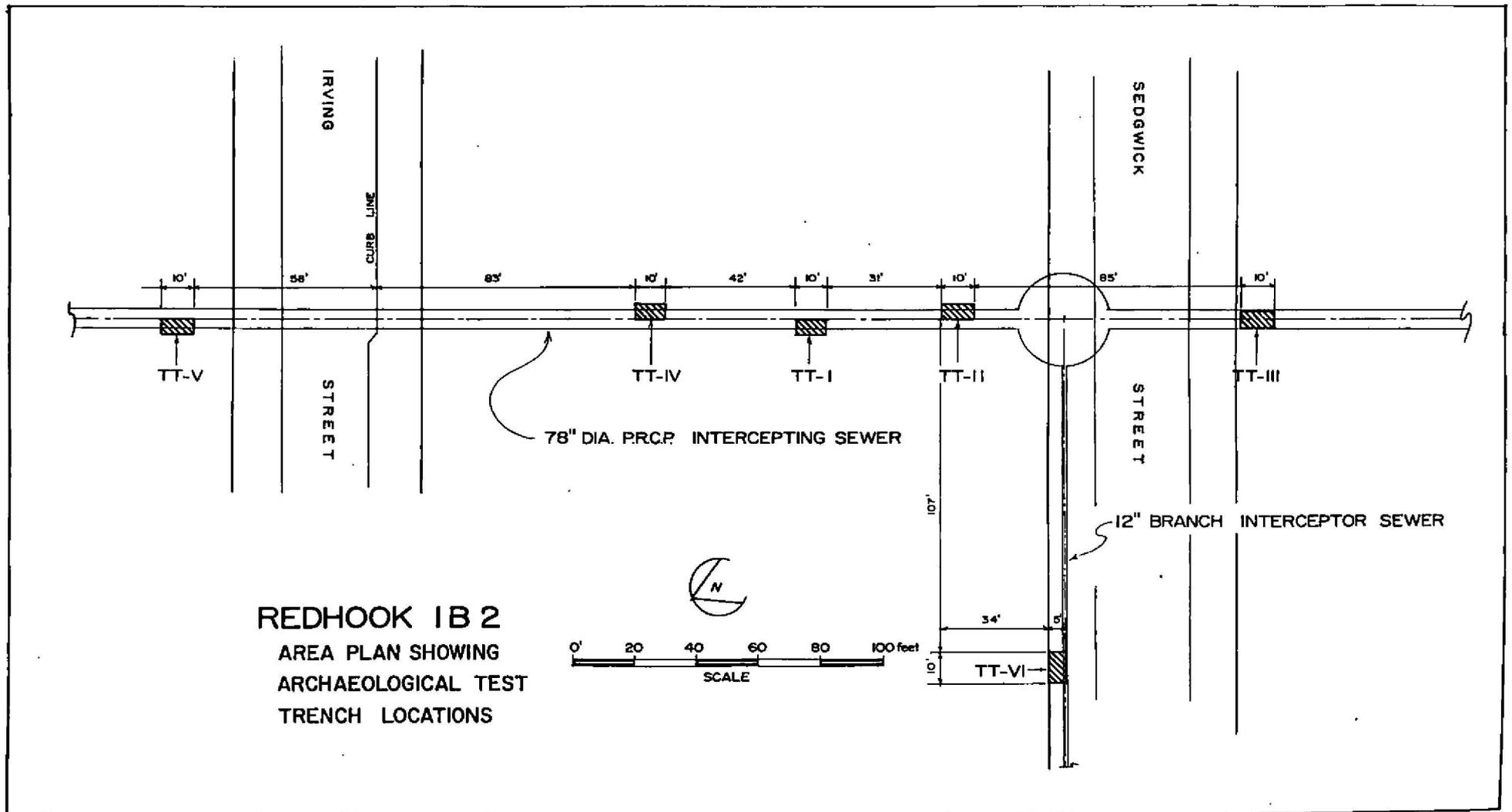


FIG. 12 - Site Plan

REDHOOK 1B2
TEST TRENCH I
COMPLETED: 12-14-84

East Section

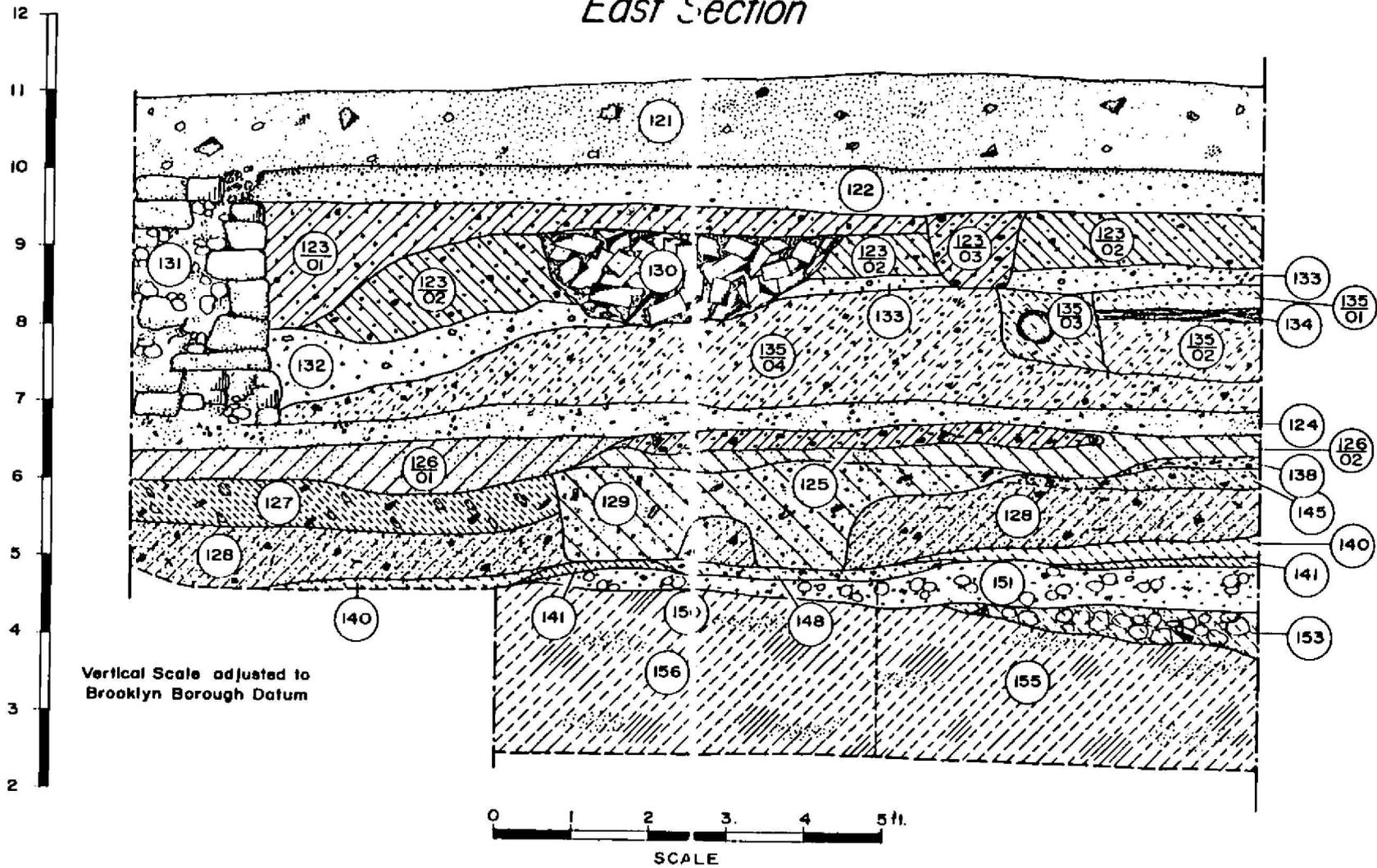


FIG. 13

REDHOOK 1B2
TEST TRENCH I
COMPLETED: 12-14-84

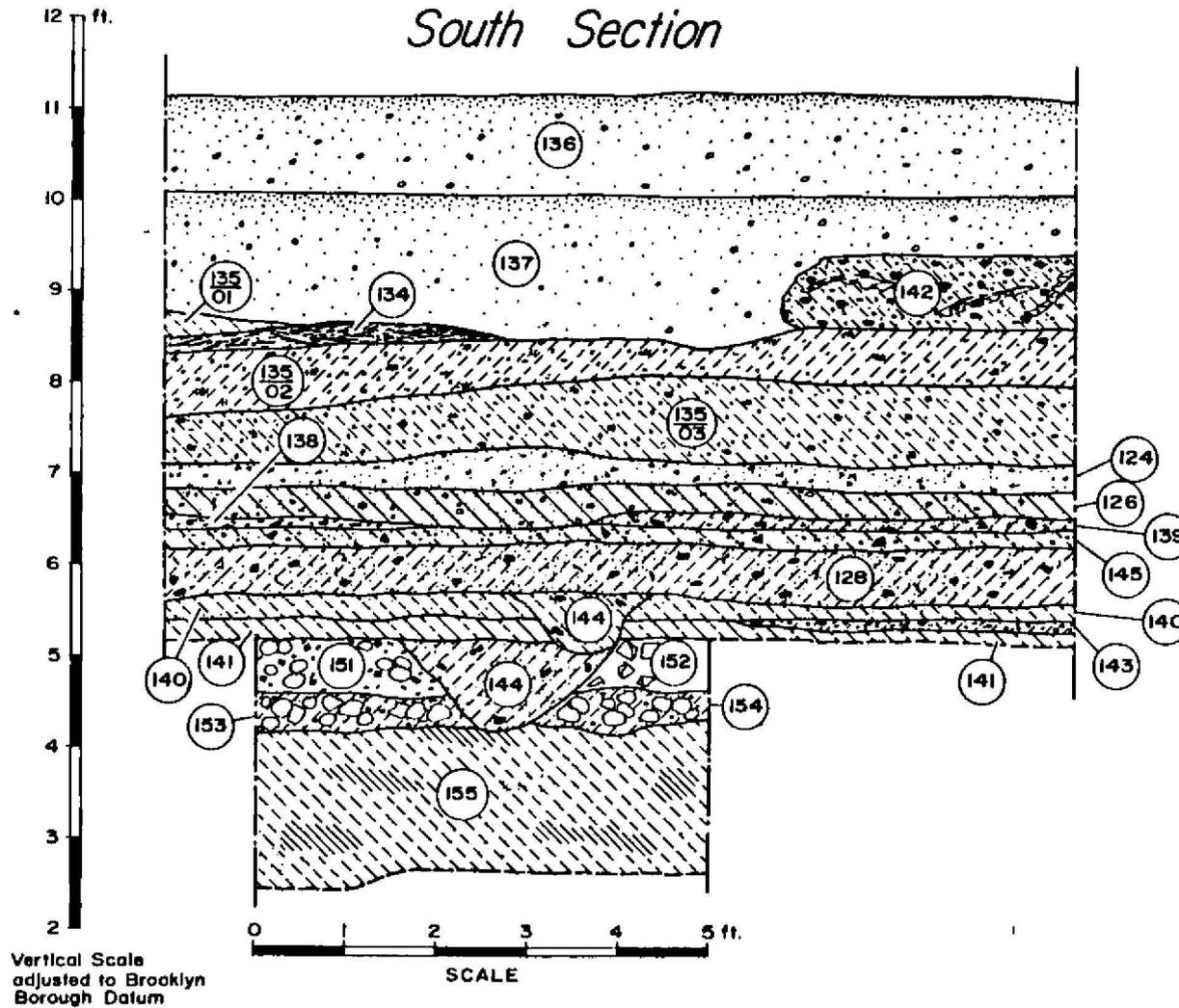


FIG. 14

REDHOOK 1B2
TEST TRENCH II
COMPLETED: 12-14-84

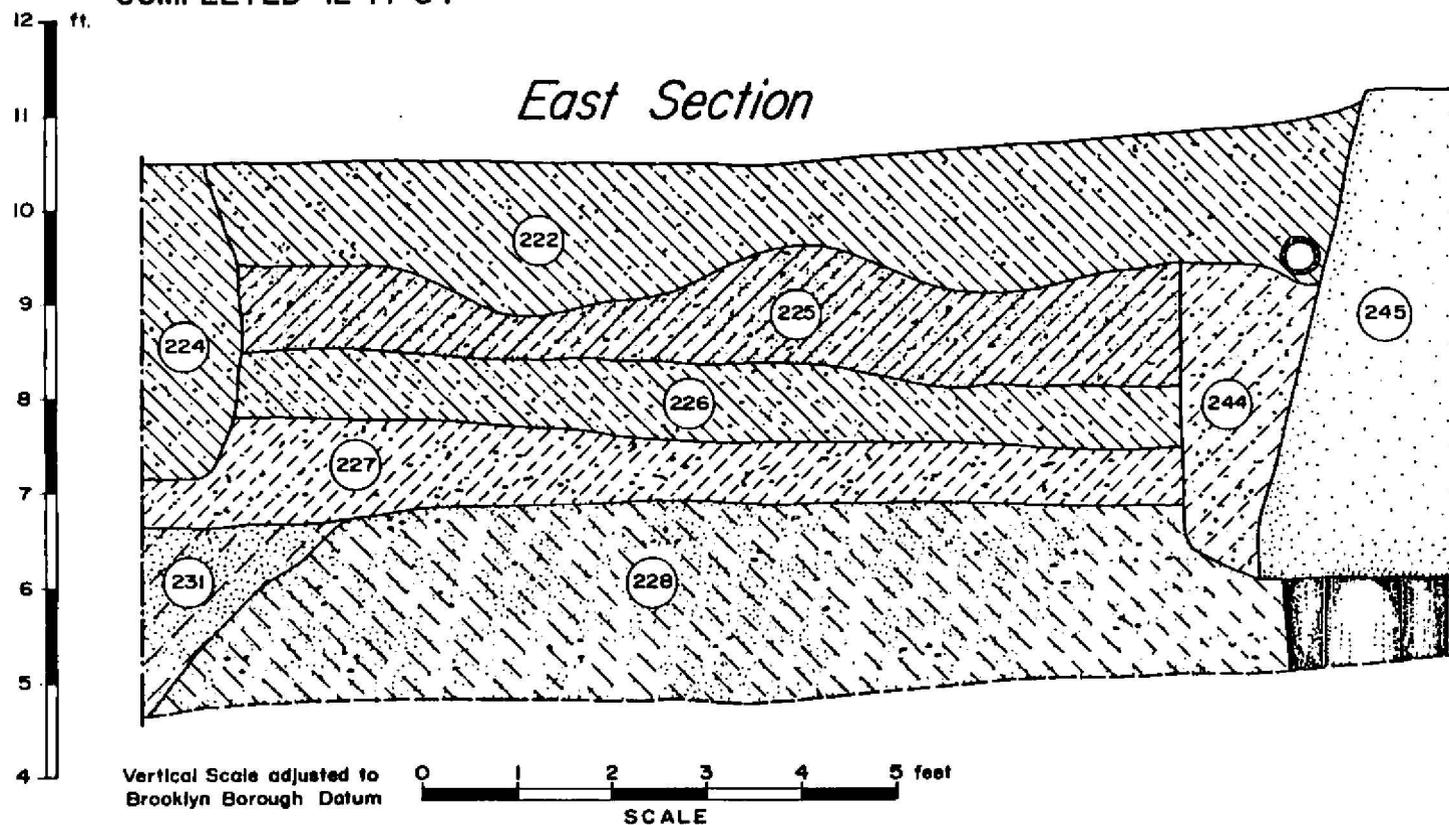


FIG. 15

REDHOOK 1B2
TEST TRENCH II
COMPLETED: 12-14-84

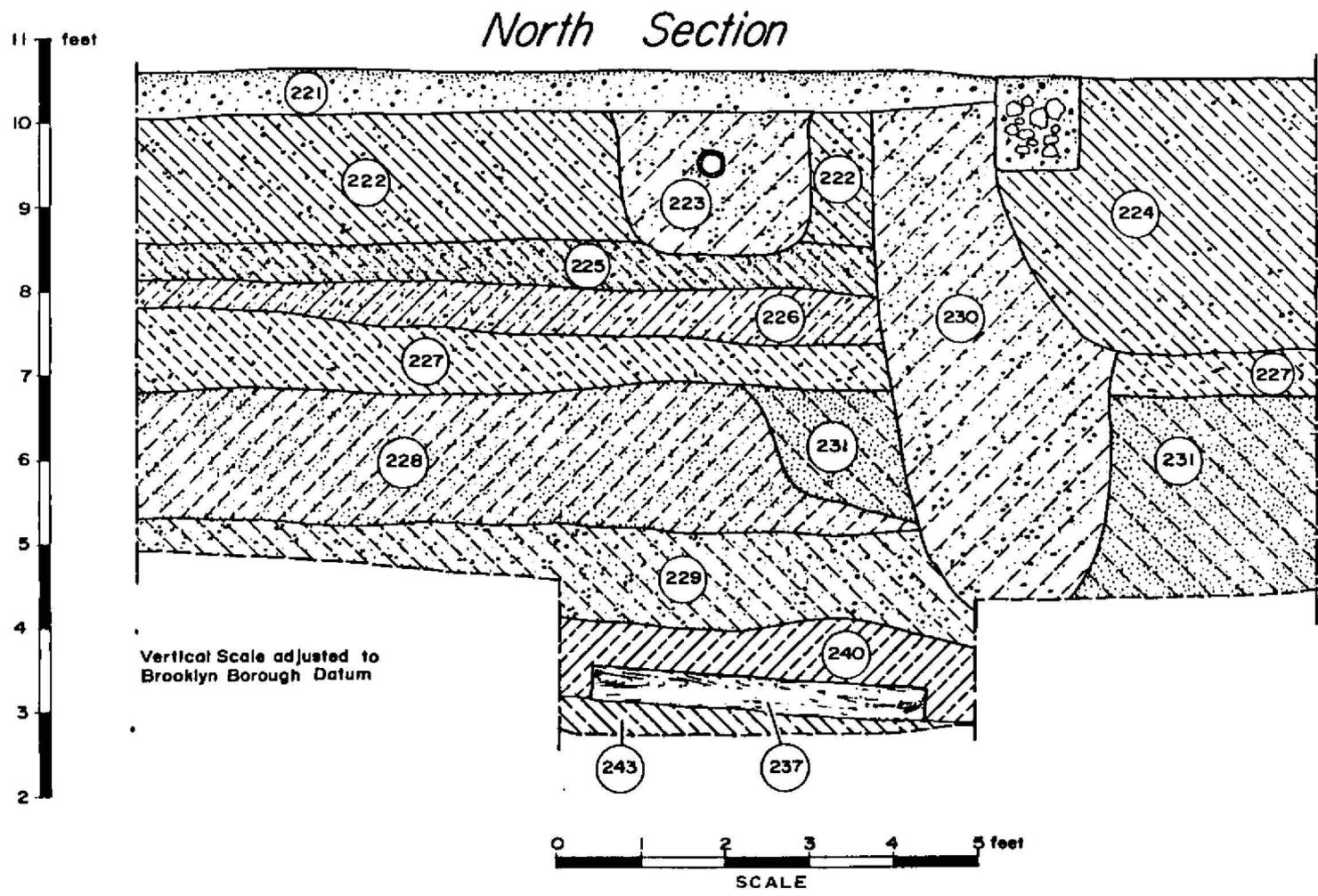
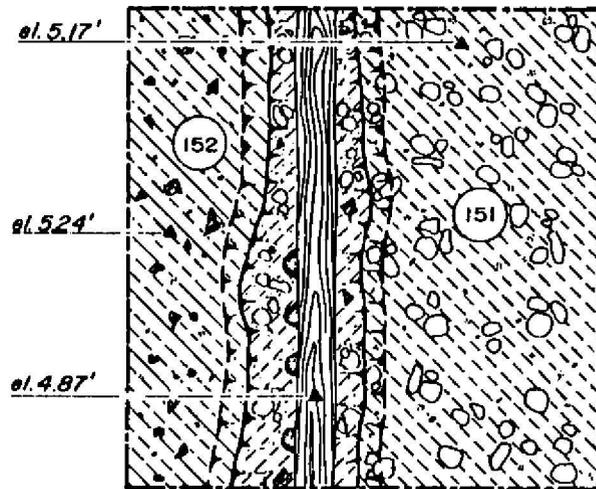


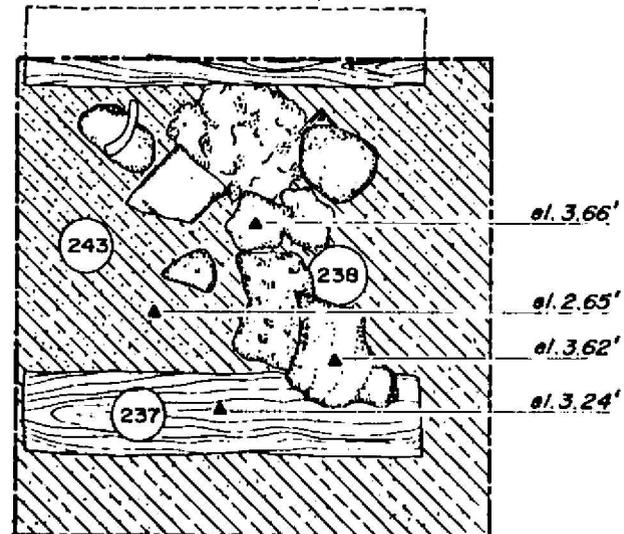
FIG. 16

REDHOOK 1B 2

Plan - Test Trench I
COMPLETED: 12-14-84



Plan - Test Trench II
COMPLETED: 12-14-84



(144) Indicated elevations adjusted to Brooklyn Borough Datum

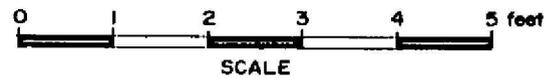


FIG. 17

REDHOOK 1B2
TEST TRENCH IV
COMPLETED: 12-19-84

East Section

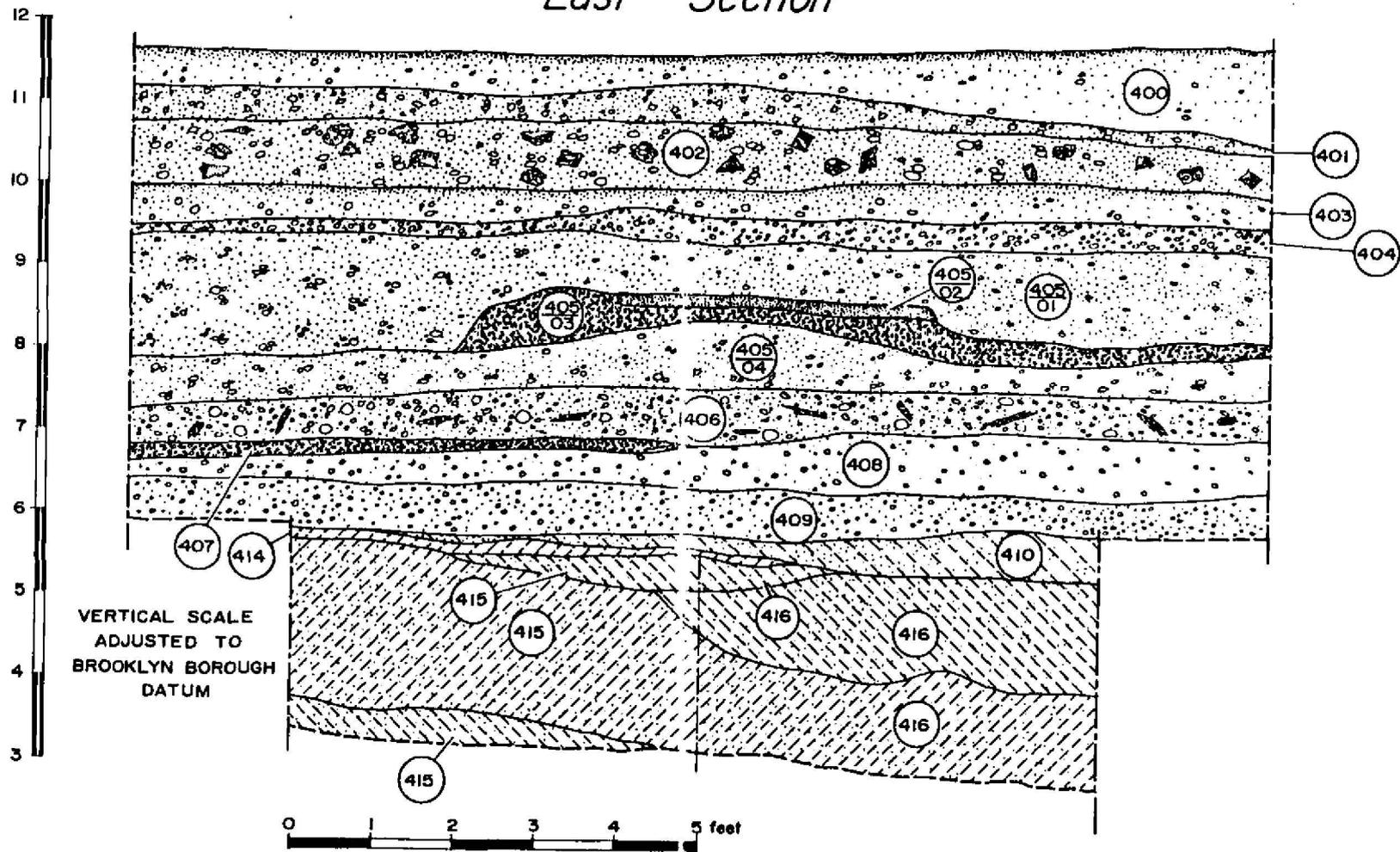


FIG. 18

REDHOOK IB 2
TEST TRENCH V
COMPLETED 1-7-85

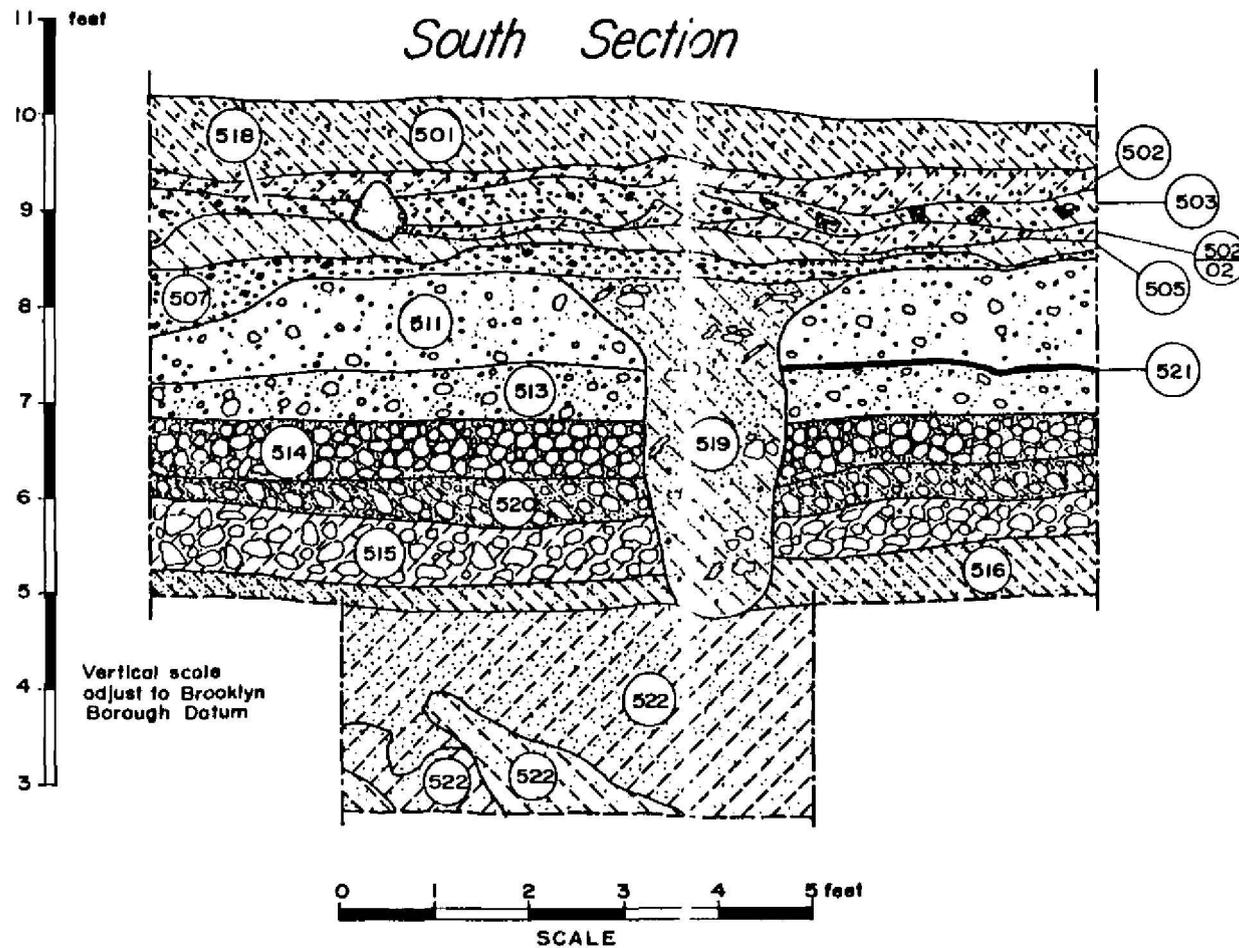


FIG. 1)

REDHOOK IB 2
TEST TRENCH VI
COMPLETED: 7-3-85

North Section

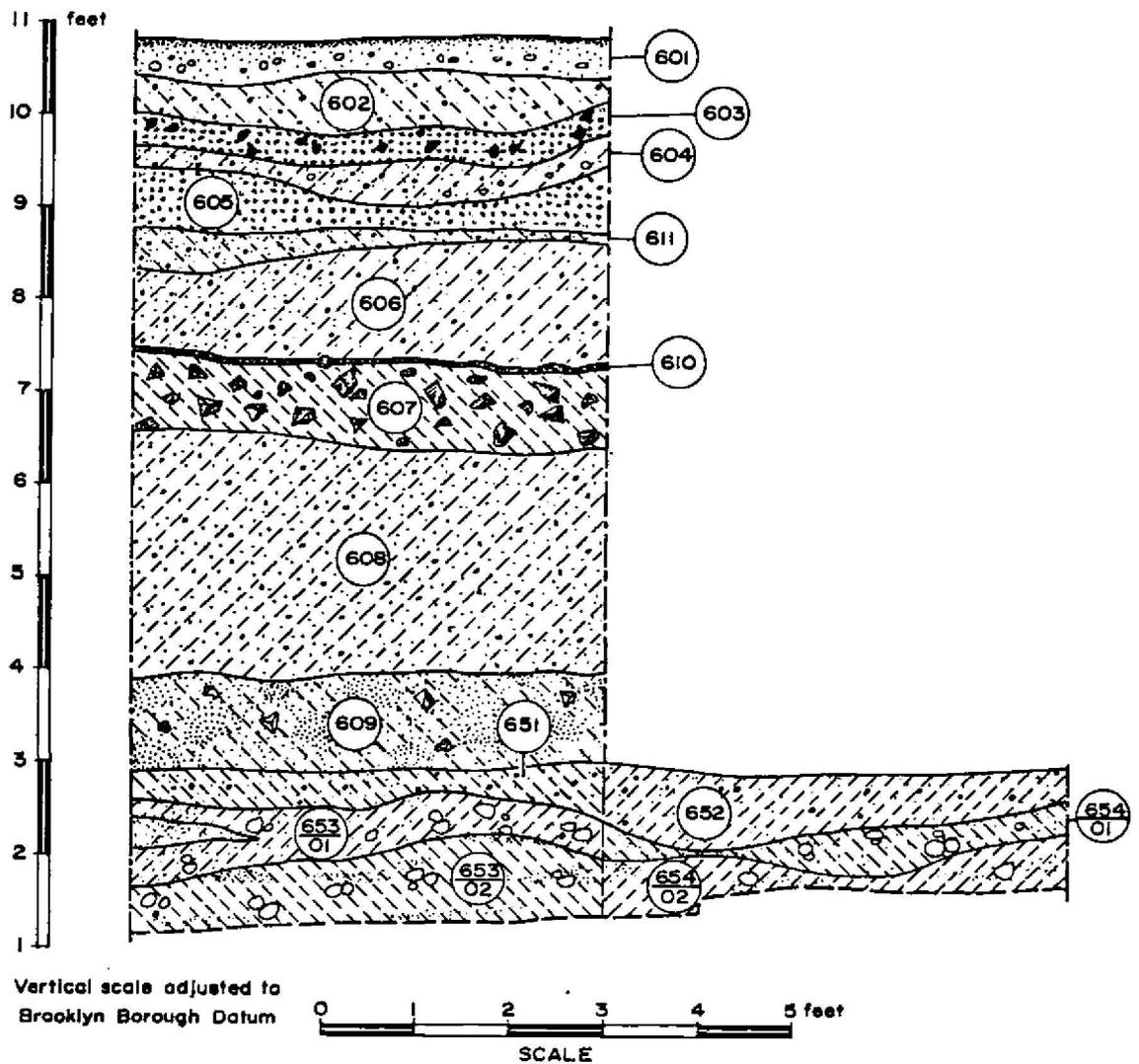


FIG. 20

etc.). Matrix ranged from clayey silt to sand, but was primarily sandy silt. Inclusions (in descending order by frequency) were red brick, gravel, concrete, cinders, ashes, stone, slag, coal, charcoal, pebbles, tar and wood. The TPQ is 1888 from Cx. 226. See Fig. 21 for a bar graph of the relative percentages of diagnostic artifacts found, including ceramics, glass, pipes, bone and other finds. (This figure does not include architectural remains and industrial wastes, such as brick and slag, which were weighed and not counted).

Component 5 (Test Trenches I, II, IV, V and VI): 5 contexts (cx. 160, 250, 420, 530 and 650). This component is an arbitrary designation used for mixed fill excavated by backhoe, probably derived from Components 3 and 4. TPQ is 1903 from Cx. 160. See Fig. 21 for a bar graph of the relative percentages of diagnostic artifacts found, including ceramics, glass, pipes, bone and other finds. (This figure does not include architectural remains and industrial wastes, such as brick and slag, which were weighed and not counted).

RESULTS

Locust Island:

The surface of the former Locust Island was located in all six test trenches, at depths ranging from 5 to 8 feet below grade. Samples of this island surface ranging in volume from 9 to 75 cubic feet were excavated in Test Trenches I, II, IV, V, and VI and all were assigned to Component 1. The following table presents this information for each Test Trench:

TEST TRENCH	FILL/SILT INTERFACE (below grade)	SAMPLE SIZE
I	6 ft.	63 cu.ft.
II	8 ft.	9 cu.ft.
III	7 ft.	0 cu.ft.
IV	6 ft.	75 cu.ft.
V	5 ft.	75 cu.ft.
VI	8 ft.	55 cu.ft.

The results from Test Trenches I to VI within the Contract 1B-2 impact corridor served to validate the computer assisted topographic map of the location of Locust Island. According to this map, presented here as Figure 23, the interface between the bottom of the landfill and the surface of Locust Island should have been between 5 and 10 feet below the present surface for the locations of all 6 test trenches. As can be seen from the above table, the interface was located between 5 and 8 feet below the surface for all 6 locations, thus validating the computer assisted topographic model. Figure 25 presents this information in graphic form, showing the present ground surface, the surface of Locust Island as predicted by the computer assisted

RED HOOK 1B-2 : ARTIFACT % BY CMP

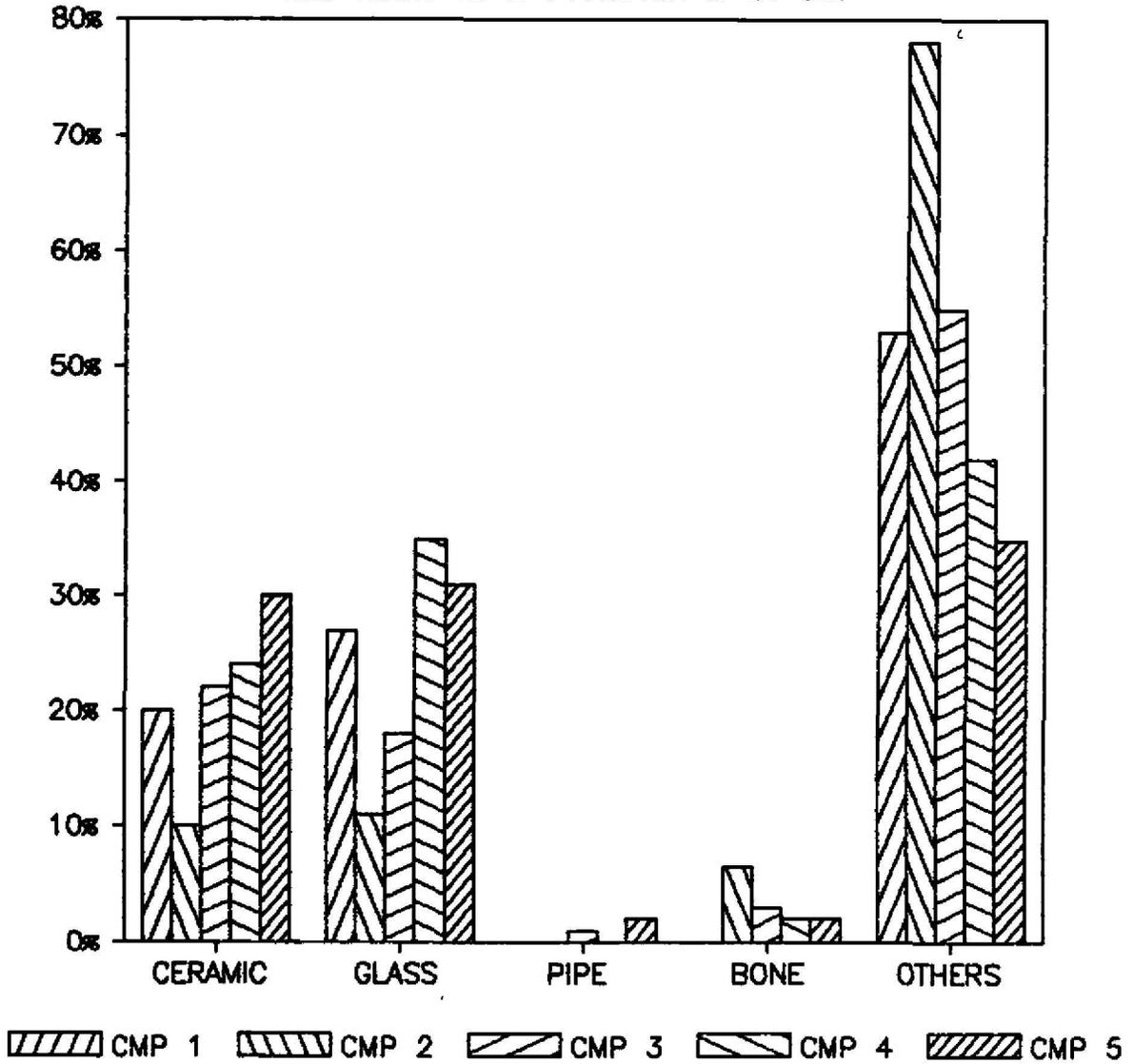


Figure 21: Artifact Percentages CMP1 - CMP5

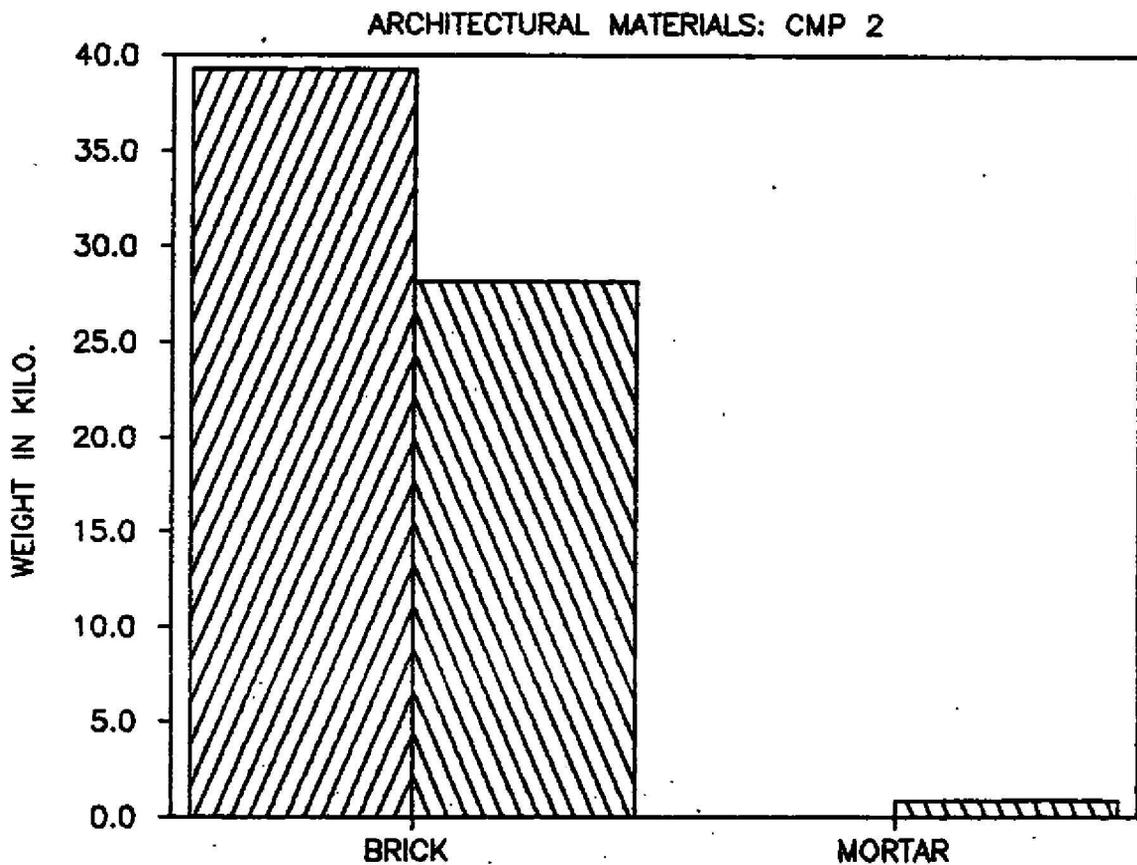
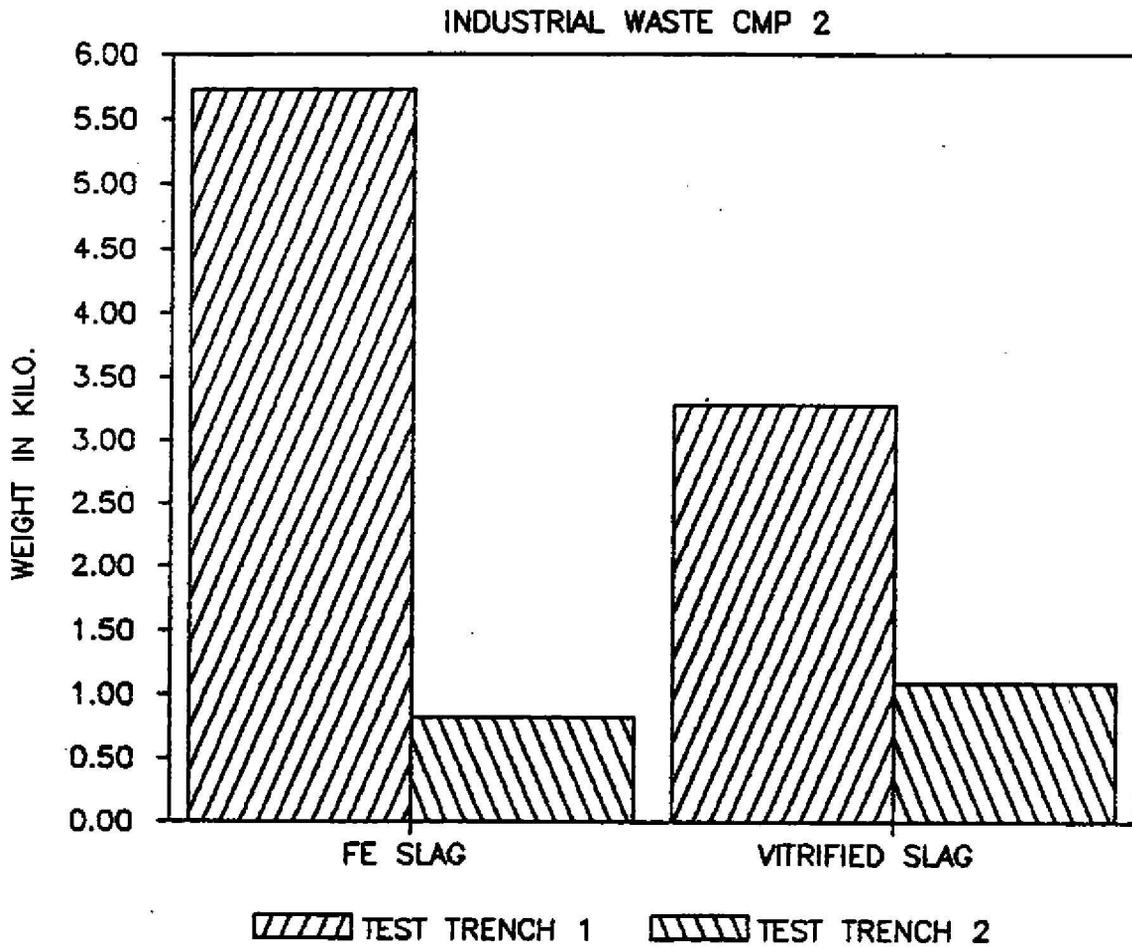


Figure 22: CMP 2 Industrial Waste & Architectural Materials

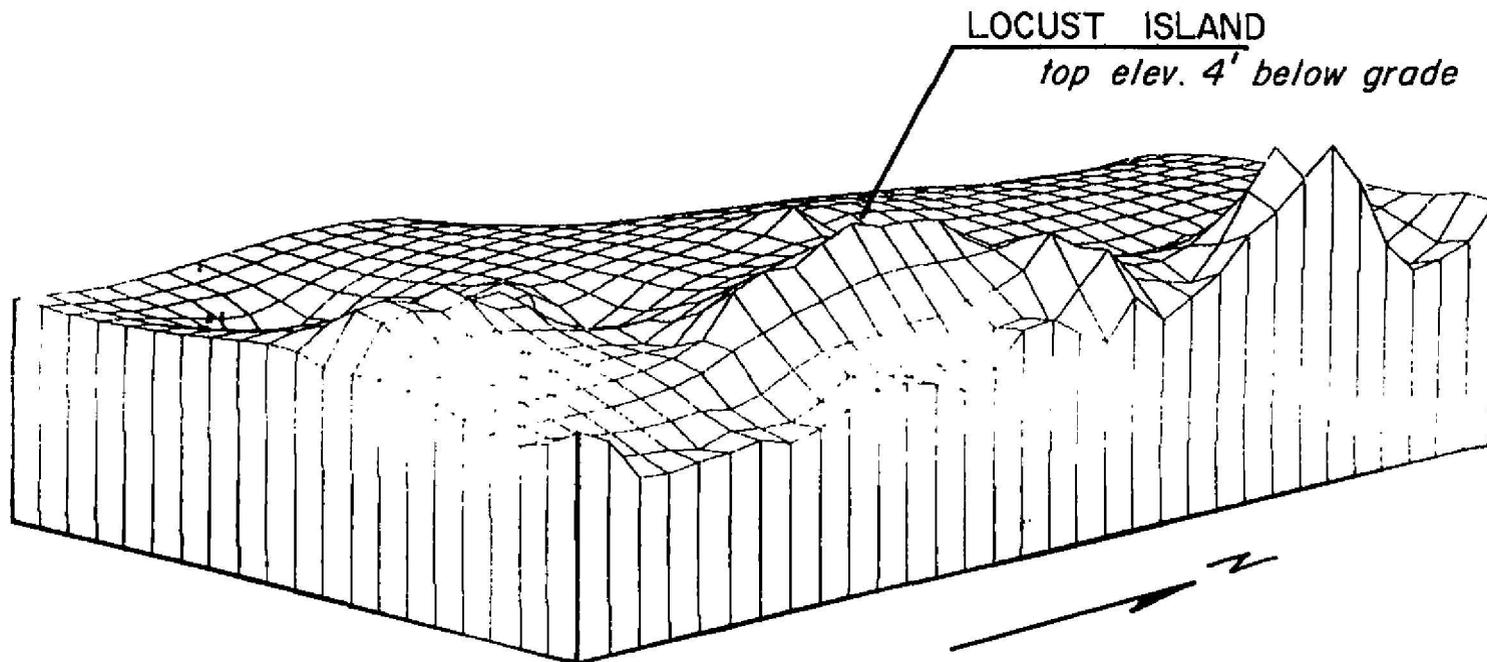


FIG. 24 - Computer Assisted Perspective View of Locust Island

REDHOOK I B 2 COMPOSITE SECTION

West Section

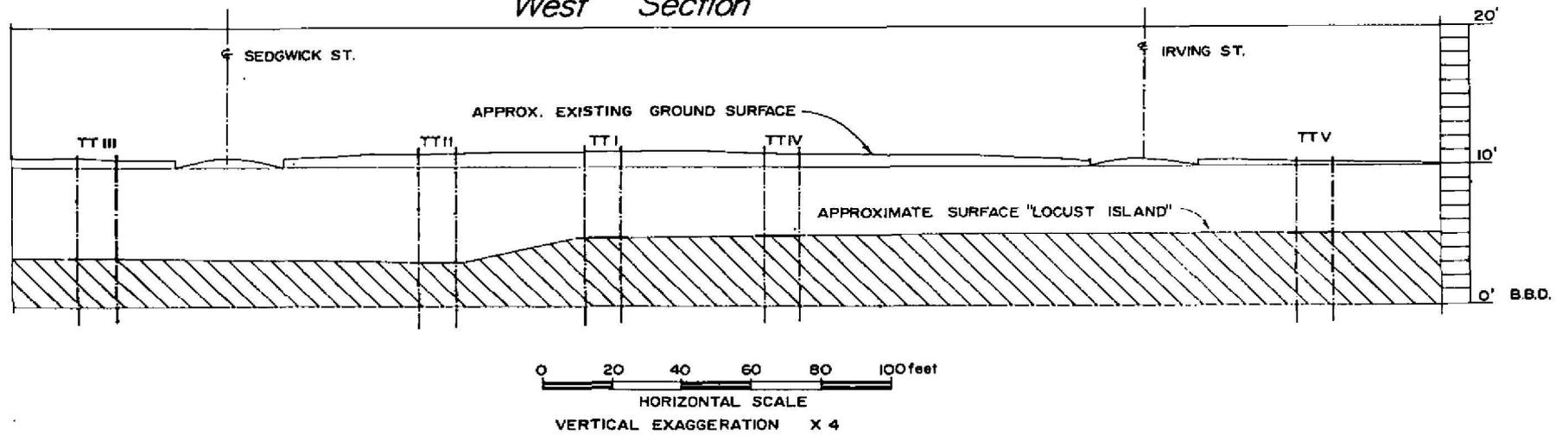


FIG. 25 - Composite Section through Locust Island

topographic map, and the surface of Locust Island as actually found in the test trenches. The highest point on Locust Island observed during our field testing was just south of Irving Street in Test Trench IV. There was a slight drop off in the elevation of the island surface to the north, as seen in Test Trench V. To the south, the island surface showed a more considerable drop-off of approximately 3 feet to its lowest point just north of Sedgewick Street in Test Trench II. To the south of this, our measurements show a slight rise, but this elevation was taken in Test Trench III, where the extremely wet conditions precluded any close examination of the silt surface, so it cannot be considered as reliable as the information from the other trenches. No change in elevation could be discerned for east-west transect across the island, since the measurements from Test Trenches II and VI were only 0.3 feet apart.

A total sample of over 275 cubic feet of the silt from the island surface was screened and carefully examined for artifacts, but no evidence of any prehistoric activity was found. The only possible prehistoric artifact found was a short section of charred tree limb from Cx. 155.04. It is possible that this is not an artifact at all, but a limb that was burnt in a forest or brush fire and deposited here by water action. This was also the only artifact recovered from the silt that was deeper than 0.5' into this deposit. All other artifacts were found in the top 0.5' of the deposit, and all are historic finds with TPQ's ranging from 1812 through 1852. These probably all derive from Components 2 and 3, which were directly above Component 1, and were pressed into the silt surface.

Building Remains on Locust Island:

Building remains were encountered on the surface of Locust Island in Test Trenches I and II, where they were assigned to Component 2. Considerable samples from both trenches were screened and examined for artifacts. The results of analysis on these artifacts yielded a TPQ of 1850, based on a piece of whiteware recovered from Cx. 153. Component 2 also yielded two fragments of porcelain with a TPQ of 1734, two fragments of creamware with a TPQ of 1762, and twenty-five sherds of other ceramics with TPQ's ranging from 1820 to 1840. The remains encountered in test Trench I consisted of a wooden beam set in a trench, running north-south. The area to the east of this beam had been leveled by the addition of fill in the southern portion of the excavated area (Cx. 153). On this leveled surface there was evidence of burning and deposits of slag and brick. The remains in Test Trench II consisted of two heavy wooden beams set into the silt surface at right angles to the axis of the wooden beam in test Trench I. The beams in Test Trench II were well preserved (unlike the beam in Test Trench I) and measurements taken indicate that both were 4 feet long 4"x10" beams. One beam was removed to the laboratory for further analysis, which revealed that two vertical holes had been drilled

through it. Two explanations are possible to account for the remains in these two test trenches: 1) all remains encountered are part of one building, or 2) the remains are parts of two separate but adjacent buildings. The beam in Test Trench I was probably the base for a wall with the remains of a hearth, fireplace, or furnace base just to the east of it, which was probably the interior of the structure. The remains in Test Trench I contained significantly higher concentrations of ferrous and vitreous slag than those in Test Trench II, while the amounts of brick and mortar recovered from both trenches were fairly similar. See Fig. 22 for bar graphs illustrating these comparisons. This indicates that the hearth or furnace base in Test Trench I was probably associated with an industrial process that produced the slag as a waste product. The two beams found in Test Trench II were probably for some sort of machinery, but no evidence was recovered that indicated what purpose this machinery might have been used for. The date range for the use of this building or buildings appears to be circa 1820 through 1850, based on the TPQ's of the majority of diagnostic artifacts from Component 2. The four fragments of porcelain and creamware can be discounted here since both types were in use at least as late as 1820. Shortly after the building(s) went out of use, they were demolished and covered with the landfill, Component 3. No evidence was found for early historic activities chronologically distinct from the date of the landfill.

The Landfill:

Samples of the landfill were excavated and artifacts recovered from them in all of the six test trenches, except for Test Trench III. The landfill was assigned to Component 3 in all cases. The results of artifact analysis yielded a TPQ for Component 3 of 1850, based on a total of thirteen fragments of ceramics recovered from Cx. 124, 144, 229, 405, 413 and 524. This is quite consistent with the dates of street paving in this area. Both Sedgewick and Irving Streets were graded and paved in 1852 (Solecki 1984:23). Characterization of the sources of the landfill over Locust Island appears to confirm our conclusions about the landfill further north in the area of Contract 1B-1 (Grossman & Roberts 1984:7-8). The same four fill sources documented there can be paralleled in the evidence from Contract 1B-2. Domestic rubbish is represented by ceramics in Cx. 124, 229, 232, 413 and 524; container glass in Cx. 124, 144, 229 and 413; and bones in Cx. 144 and 413. Industrial wastes are represented by concentrations of ferrous and vitreous slag in Cx. 129 and 144. Rubble from demolished buildings is represented by concentrations of red brick in Cx. 144, 413 and 525. Relatively clean deposits of sand and silts, recorded as Cx. 140, 228, 408 and 509 may well have been derived from river dredging activities. Therefore, the evidence from Red Hook Contract 1B-2 clearly indicates that domestic rubbish, industrial wastes, building rubble and harbour-related deposits were all sources for this mid-19th century landfill.

Post-Landfill Activities:

Post-landfill disturbances and construction activities were evident in all six test trenches. Samples were excavated by backhoe and examined for finds in Test Trenches I, II, IV, V, and VI, where they were assigned to Component 4. Artifact analysis yielded a TPQ of 1888, based on the lower half of a glass bottle recovered from Cx. 226. Two small fragments of safety glass recovered from Cx. 144 and Cx. 151 (assigned to Components 3 and 2 respectively) probably also came from Component 4 deposits originally, but fell out of the exposed sections during excavation. These fragments have a TPQ of 1891. An even later date of 1903 was derived from analysis of a glass beer bottle, recovered from mixed fill deposits in Test Trench I, Cx. 160, which almost certainly came from Component 4 originally. Evidence for disturbances included pipe and/or cable trenches cut from the surface of the landfill or above, such as Cx. 223. Other post-landfill activities were related to building construction and are clearly represented by brick and stone wall segments, such as Cx. 131 and 411, builders' trenches for such construction, such as Cx. 412, concrete slabs such as Cx. 122 and 400, and a concrete pier, Cx. 245. Therefore, the evidence from Component 4 indicates that a number of buildings were constructed on and various trenches cut into the landfill from the late-19th century through the mid-20th century.

The block history summary prepared for Block 314 indicated that the impact corridor crossed the former location of a commercial establishment operated by Marx and Rawolle on the north side of Irving Street (See Appendix I). Test Trench V was excavated at this location, but no remains of walls or floors were encountered on the surface of the landfill. Therefore, either Test Trench V missed the location of this structure or the demolition of the structure completely removed all traces of it. The block history summary for Block 316 indicated that the impact corridor crossed the former location of the Hills Bros. & Co. on the south side of Irving Street (ibid). Test Trench IV was probably located within the boundaries of this lot, so the store and mortar wall segment encountered (Cx. 411) and assigned to Component 4 could have been part of this structure.

Research Questions:

Four research questions were suggested in the scope of work for Contract 1B-2. They are stated below:

1. When were the archaeological resources built or deposited?
2. What were the sequences and processes of the site formation?
3. To what extent was the local habitat directly exploited for food or other resources by the human inhabitants?

4. What changes involving locations, artifact frequencies, and food species occurred through time?

Analysis of the data recovered during the Phase 1B survey of Contract 1B-2 has provided information relevant to answering the first two questions and part of the fourth. The third question appears to have been included to address issues raised by the possibility of prehistoric occupation on the site. Since no evidence of prehistoric activity was found, no information relevant to answering the third question was generated. Below is a summary of the sequence of site formation with dates: the surface of Locust Island (CMP1) appears to have been deposited primarily by water action. No evidence was found of any activity on this surface until the early 19th century when one or two structures were built on it. These remains (CMP2) were evidently used for industrial purposes until circa 1850 when they were demolished and covered with landfill. The landfill (CMP3) dates to after 1850 and was derived from domestic rubbish, industrial wastes, building rubble and material dredged from the river or harbor. During the late 19th and 20th centuries, various buildings (CMP4) were constructed on the surface of the landfill and used for a variety of commercial and industrial purposes. Figures 21 and 22 illustrate the changing of artifact frequencies through time.

CONCLUSIONS AND RECOMMENDATIONS

This final report documents the procedures and results of the Phase 1B testing within Contract 1B-2 of the Red Hook Water Pollution Control Project. Based on this objective ground testing, and in accordance with the dictates of the scope of work, it is now possible to make concrete recommendations that:

1. no potentially significant archaeological or historical resources are present within the Contract 1B-2 impact corridor;
2. additional testing is not necessary and no Phase II/III work is recommended.



Plate 1: Excavating T. Tr. V with backhoe,
view looking north.



Plate 2: General view of block 316 showing T. Tr. I
and II with protective shelters, looking southwest.



Plate 3: Manual excavation
in T. Tr. I.

Plate 4: South section of
T. Tr. III showing CMP 3 and
rising water.





Plate 5: South section of T. Tr. V showing
CMP 3 and CMP 4.



Plate 6: Oblique view of T. Tr. I showing surface of CMP 2,
looking south. Scale in tenths of feet.



Plate 7: Close-up oblique view of T. Tr. II showing CMP 2, looking west. Scale in tenths of feet.

Plate 8: Oblique view of T. Tr. I showing CMP 1, looking south. Scale in tenths of feet.





Plate 8x: Screening soil from manual excavation in
T. Tr. VI.

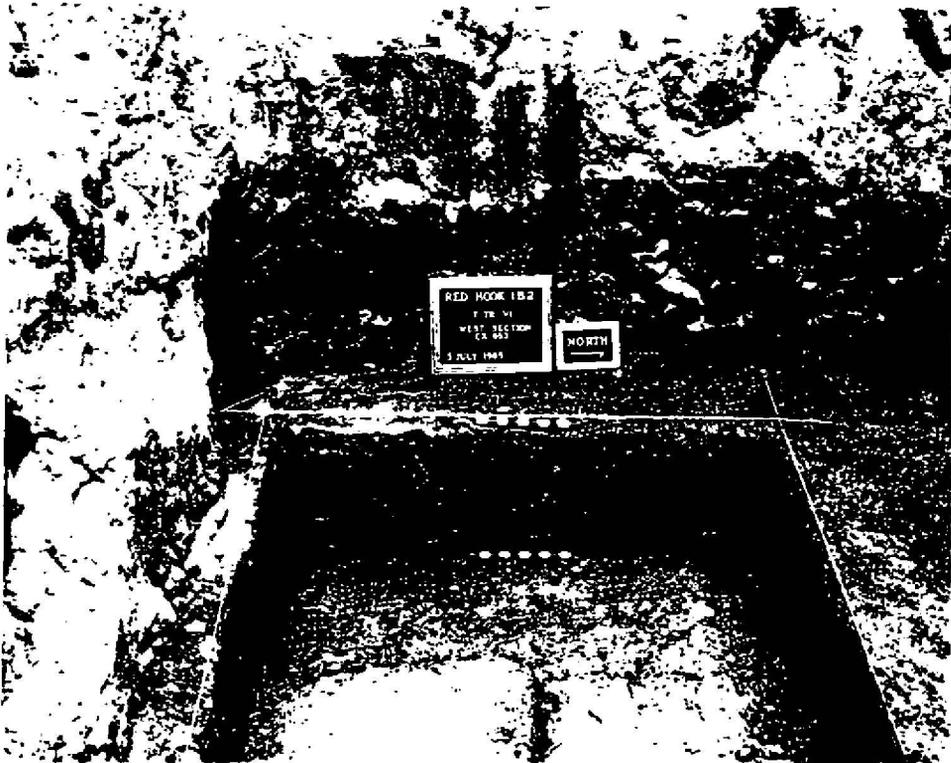


Plate 8y: West Section of T. Tr. VI showing CMP 1
and CMP 3.

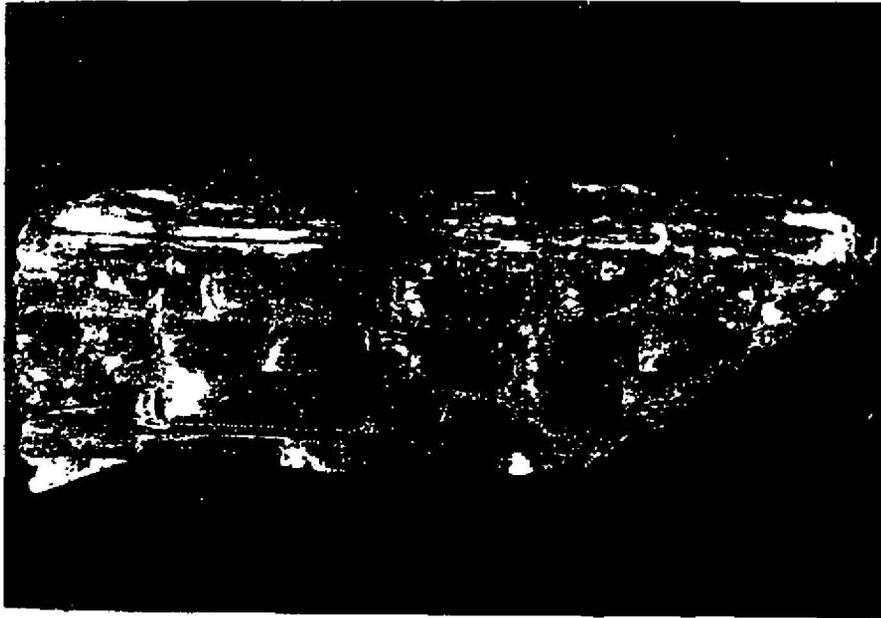


Plate 9: Burnt tree limb, Cx: 155.04, CMP 1.
Scale in mm.

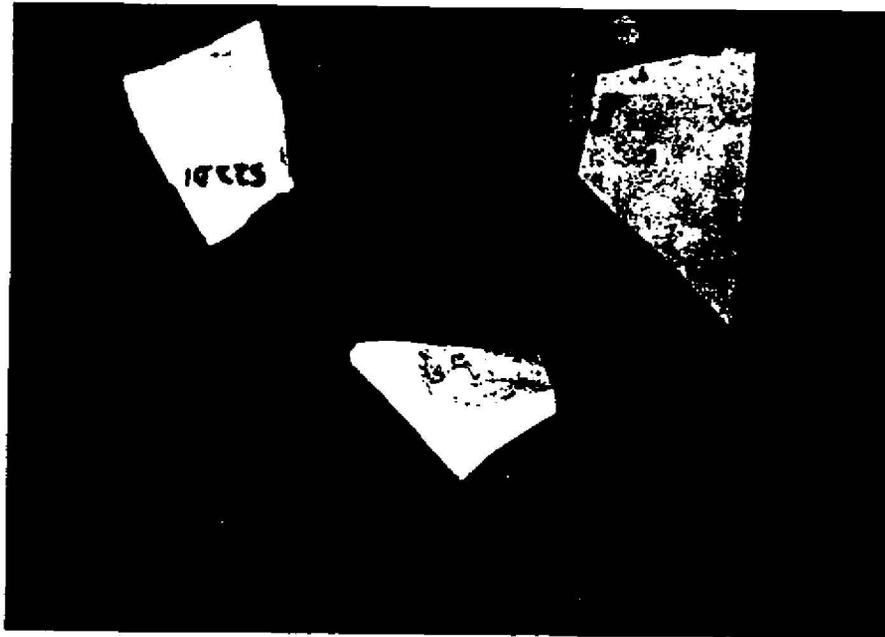


Plate 10: Ceramics from CMP 1. Scale in mm.
Undecorated thick whiteware, Cx: 522.01, TPQ 1850
(Lofstrom 1978). Banded yellowware, Cx: 415.01,
TPQ 1840 (Ramsay 1939).

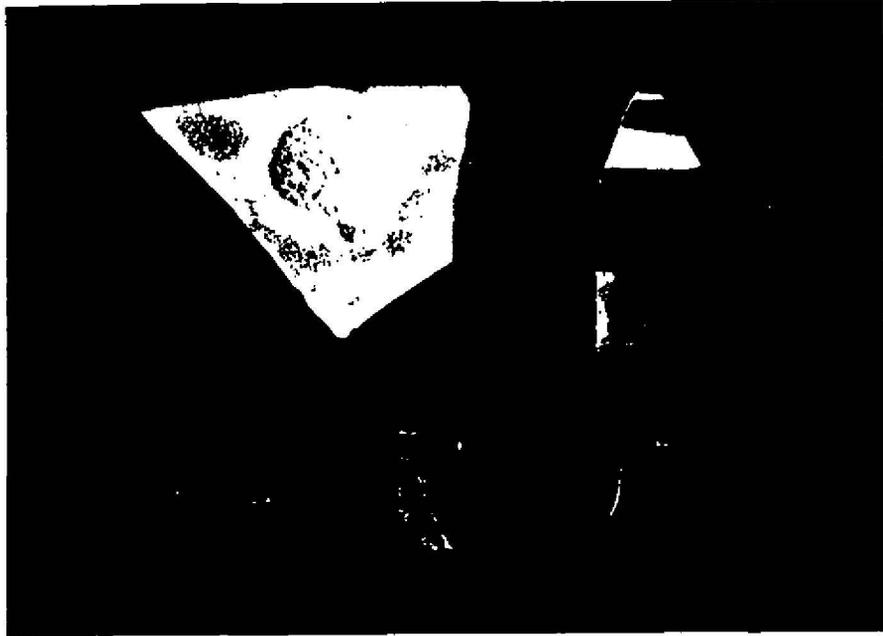


Plate 11: Ceramics from CMP 2. Scale in mm. Undecorated thick whiteware, Cx: 153, TPQ 1850 (Lofstrom 1978). Banded yellowware, Cx: 152, TPQ 1840 (Ramsay 1939). Annular whiteware, Cx: 152, TPQ 1830 (Price 1979). Chinese porcelain underglaze blue decor, Cx: 152.



Plate 12: Gunflint fragment of grey translucent flint, Cx: 151, CMP 2. Scale in mm.

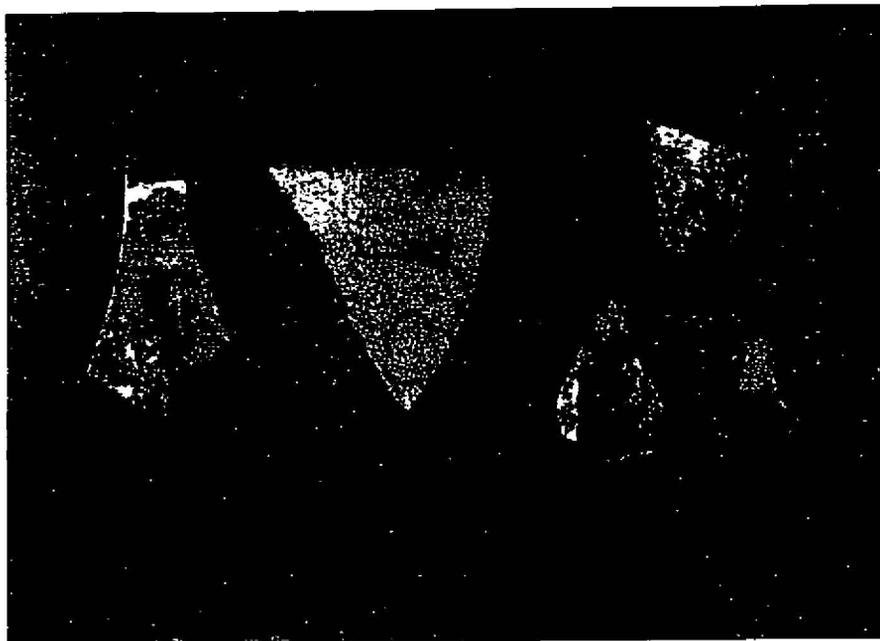


Plate 13: Ceramics from CMP 3. Scale in mm.
Undecorated thick whiteware, Cx: 413, TPQ 1850
(Lofstrom 1978). Light blue transfer printed
whiteware, Cx: 124 & 413, TPQ 1830 (Ibid.)(Price
1979). Red and blue sponge decorated whiteware,
Cx: 413, TPQ 1835 (Ibid.).



Plate 14: Washbowl fragment with footring, Cx:
144, CMP 3, TPQ 1850 (Lofstrom 1978).

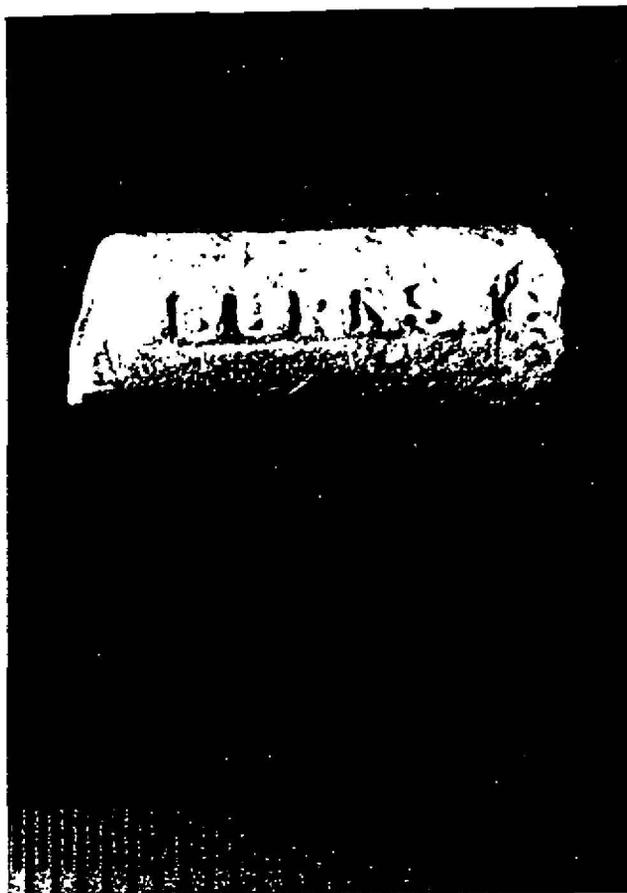


Plate 15: Clay pipestem marked "LL GLASC, BURNS C", originally McDougall, Glasgow, Burns Cutty Pipe, Cx: 144, CMP 3, TPQ 1846 (Walker 1983).

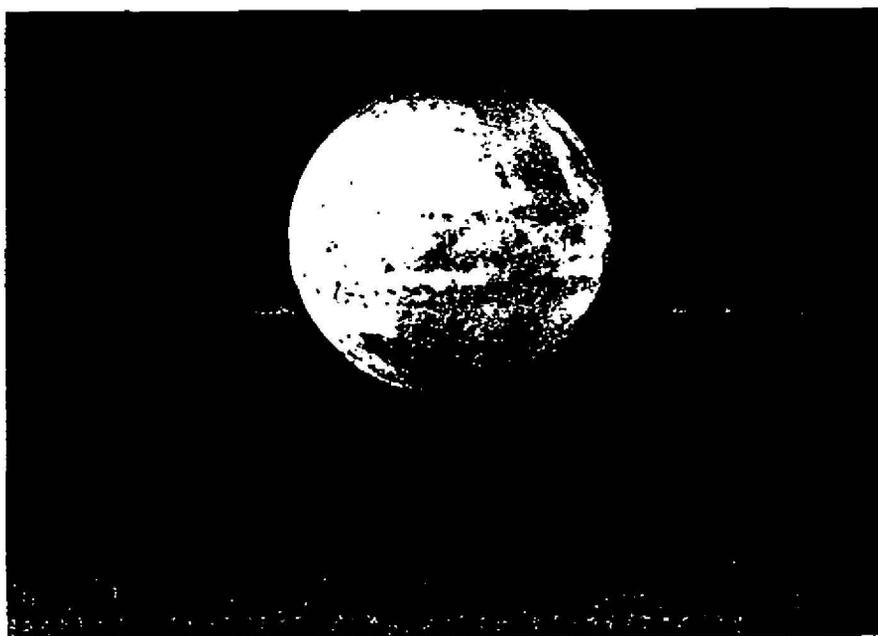


Plate 16: Clay marble, Cx: 144, CMP 3.



Plate 17: Felt hat. Cx: 227, CMP 3.



Plate 18: Blue transfer printed thick whiteware,
Cx: 505, CMP 4, TPQ 1855 (Price 1979).



Plate 19: Aqua colored bottle base marked "1888",
1888", Cx: 226, CMP 4, TPQ 1888. See
plates 20 & 21 for a complete example.



Plate 20: Aqua colored glass bottle marked "RETURN THIS BOTTLE, O. McS., 1888", Cx: 420, CMP 5, TPQ 1888.

Plate 21: Reverse of same bottle, marked "OWEN McSHANE, 140 HARRISON ST., BROOKLYN", Cx: 420, CMP 4, TPQ 1888.

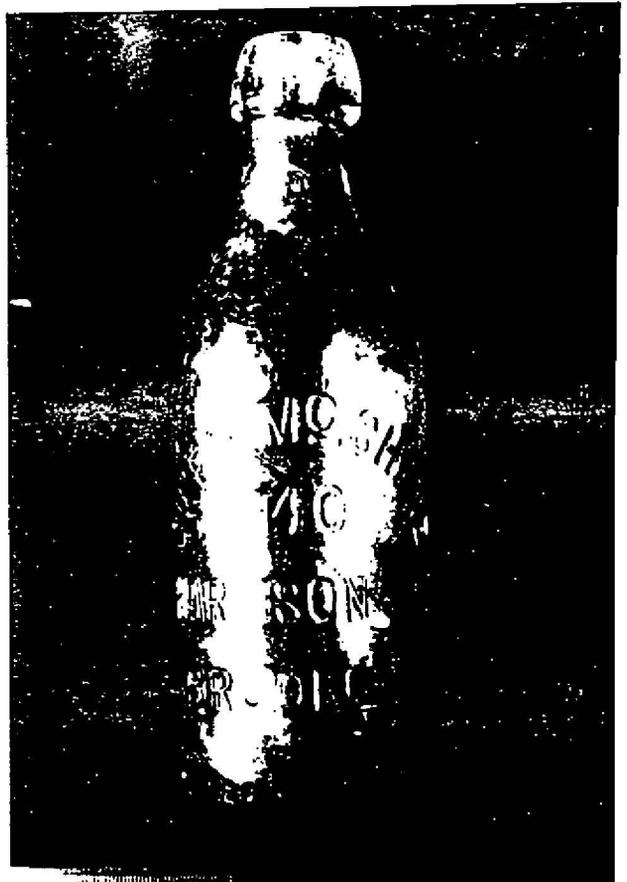




Plate 22: Aqua colored glass
bottle marked "JR", Cx: 420,
CMP 5.

Plate 23: Reverse of same
bottle, marked "JOHN REIMERS,
CORIVY ST. & MYRTLE AVE.,
QUEENS CO., L. I.", Cx: 420,
CMP 5.





Plate 24: Aqua colored glass bottle marked "INDIA BREWING",
made by automatic bottle machine, Cx: 160, CMP 5, TPQ 1903
(Miller and Sullivan 1981).

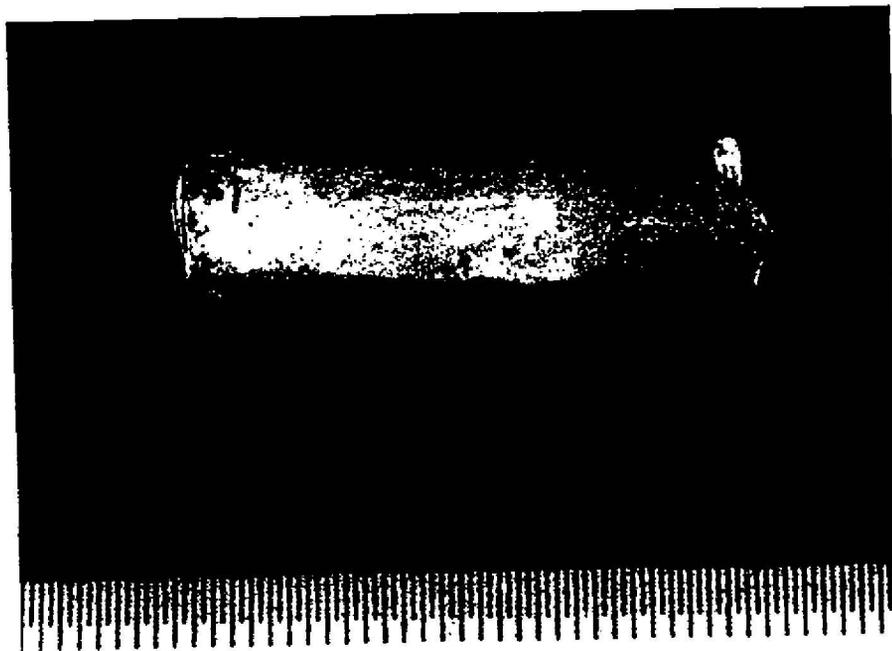


Plate 25: Red clay pipestem mouthpiece, Cx: 420, CMP 5,
TPQ 1856 (Walker 1983).

LIST OF PARTICIPANTS

Dr. Joel W. Grossman	- Principal Investigator/Co-Author
William L. Roberts IV	- Field Supervisor/Chief Analyst/Co-Author
Melba J. Myers	-- Conservator/Lab Director
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Dr. Rose Solecki	- Consulting Historian
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APPENDIX I - BLOCK HISTORIES (BLOCKS 314, 316 & 318)
(Prepared by Dr. Rose Solecki)

Block 314 - Kane (formerly Harrison and Butler) Street to Irving (formerly Chelsea) Street:

Pre-1835

Part of the old Corsen estate listed as a large tract, dating back to 1689. Other owners of the property include Cornelius Sebring (1698) and the Cornell family. In 1833, the Cornell family sold the property, and this sale was recorded as follows:

"The one equal undivided fortieth part (the whole forty equal parts to be divided) of all that certain messuage, dwelling house, grist mill and tract of land and meadow land and land covered with water commonly called the Mill Pond and premises of the late John Cornell (dec'd) containing 57 acres more or less as the same was divided to partners of the 1st part by Charles Kelsey and Ancon Blake on Nov. 21, 1833 by deed."

Also note of a stone wall is made in reference to this property.

The mill referred to above undoubtedly is Cornelius Sebring's Mill, later known as Cornell's Mill or the Red Mill. This mill is referred to in documents dating to 1689 when it is called Cornelius Sebring's Mill. By the late 18th century, John Cornell was the miller, and he was noted for the quality of his flour. On the basis of the Farm Map No. 30, (in the Brooklyn Court House) we have located this mill at the intersection of Irving and Columbia Streets. Stiles (1867, vol. 1, p.66) locates it south of present Harrison Street, between Columbia Street and Tiffany Place, and about opposite Sedgewick Street. We believe the Farm Map location is more reliable, but in any event, the sewer line should miss the mill and associated out-buildings, but might cut through refuse associated with these structures.

Post-1835

The area was surveyed January 1838 by Tolford and Day.

In 1860 The Atlantic Dock Company buys some property on the block.

In the 1870's little plots are bought and sold.

In the 1880's there is still mention of the house of the late John Cornell.

By the 1890's several commercial establishments are recorded for the block. Two are listed in the block records, one of which is in the sewer line:

1. MARX & RAWOLLE - located on Irving Street, 300 feet from Van Brunt Street. Sewer line should hit this structure.
2. Store at 144 Columbia Street - store and cellar noted here. Sewer Line should miss this structure.
3. Also in records there is the following note about sewer connections: In Oct. 1890, Agreement by City of Brooklyn to connect, situated on North side of Irving Street, 100 feet from northwest corner of Irving and Columbia Streets, extending along Irving Street 25 feet and being 100 feet deep, on each side, with private sewer in Columbia Street.

Block 316 - Irving (formerly Chelsea) Street to Sedgewick (formerly New) Street

Pre-1835

Part of the old Corsen estate listed as large tract, dating back to 1689. Other owners of the property include Cornelius Sebring (1698) and the Cornell family. In 1833, the Cornell family sold the property (see Block No. 314 for record of this sale).

Post-1835

The area was surveyed January 1838 by Tolford and Day. In 1860 the Atlantic Dock Company buys some property on the block.

In the 1890's it became mixed commercial block with a number of commercial establishments. Four such business and two houses are listed in the block records. One business, Hills Bros. & Co., definitely is in the Sewer Line and another, Oil Seed Pressing Co. may be in the line. The buildings listed for this block are as follows:

1. Oil Seed Pressing Co. - located in Irving Street (Nos. 78, 80, 82 and 84 Irving Street), but they bought more property in 1893 and 1894 and therefore may be in the Sewer Line.
2. Amalga Soap Company - located on Sedgewick Street. In 1894 they leased the building to the rear of the house at 164 Columbia Street.
3. Columbia Chemical Works - on Sedgewick Street. Had a wall on the east side of their property.
4. Hills Bros. & Co. - on Irving Street. They expanded in 1893.
5. 164 Columbia Street - House with small house in the rear of the plot.

6. 146 Columbia Street - house at the corner of Columbia and Irving Streets.

Block No. 318 - Sedgewick (formerly New) Street to DeGraw Street
Pre-1835

According to a couple of maps, the south end of the sewer cut on the new realignment would appear to hit the northern tip end of Locust Island in the vicinity of DeGraw Street. The old colonial canal to Gowanus passed near DeGraw

Part of the old COrsen estate listed as a large tract, dating back to 1689. Other owners of the property include Cornelius Sebring (1698) and the Cornell family. In 1833, the Cornell family sold the property (see Block No. 314 for record of this sale).

Post-1835

The area was surveyed January 1839 by Tolford and Day. In 1860 the Atlantic Dock Company buys some property on the block.

Only one business is listed in the records for this block. The J.J. Nichols Manufacturing Company is listed for the year 1889. It just seems to miss the Sewer Line.

APPENDIX II: ARTIFACT INVENTORY

The National Park Service Material Culture Data Base was used in an abbreviated form to prepare a computer inventory for the finds from the Red Hook Project. Only the first two categories of function descriptions and the material descriptor were used to draw up coding charts for this purpose. The coding charts were made by listing all the NPS Material Culture Data Base taxonomy numerical descriptions that could be distinguished by visual examination. The coding chart and a table of examples follow, (Figures 23 and 24). Following these is a table of codes used to describe artifacts which were in some way hard to place in taxonomic categories (Figure 25). After this is the entire inventory of artifacts recovered during the Red Hook Contract 1B-2 archaeological testing program, listed in Component number order.

GROUPS AND CLASSES

- 01 KITCHEN GROUP
 - 01 Dishes
 - 02 Containers
 - 03 Tableware
 - 04 Kitchenware
- 02 BONE GROUP
 - 01 Mammalia
 - 02 Aves
 - 03 Reptilia
 - 04 Amphibia
 - 05 Pisces
- 03 ARCHITECTURAL GROUP
 - 01 Window Glass
 - 02 Nails
 - 03 Spikes
 - 04 Door & Window Hardware
 - 05 Other Structural Hardware
 - 06 Construction Materials
- 04 FURNITURE GROUP
 - 01 Hardware
 - 02 Materials
 - 03 Lighting Device
 - 04 Decorative Furnishings
- 05 ARMS GROUP
 - 01 Projectiles
 - 02 Cartridge Cases
 - 03 Arm Accessories
 - 04 Gun Parts
- 06 CLOTHING GROUP
 - 01 Apparel
 - 02 Ornamentation
 - 03 Making and Repair
 - 04 Fasteners
- 07 PERSONAL GROUP
 - 01 Coins
 - 02 Keys
 - 03 Writing Paraphernalia
 - 04 Grooming and Hygiene
 - 05 Personal Ornamentation
 - 06 Other Personal Items
- 08 KAOLIN TOBACCO PIPE GROUP
 - 01 Kaolin Pipe Class

- 09 ACTIVITIES GROUP
 - 01 Construction Tools
 - 02 Farm Tools
 - 03 Leisure Activities
 - 04 Fishing Gear
 - 05 Nonkaolin Pipe
 - 06 Smoking Accessories
 - 07 Pottery Class
 - 08 Storage Items
 - 09 Ethnofaunal Zoological
 - 10 Stable and Barn
 - 11 Miscellaneous Hardware
 - 12 Specialized Activities
 - 13 Military Objects
 - 14 Housekeeping
 - 15 Public Services
 - 16 Ethnobotanical
- 10 PREHISTORIC GROUP
 - 01 Weapons
 - 02 Domestic
 - 03 Stone Working
 - 04 Wood Working
 - 05 Digging Tools
 - 06 Other Fabricating or Processing Tools
 - 07 Other General Utility Tools
 - 08 Ceremonial & Ornamental
 - 09 Miscellaneous Artifacts
- 98 UNSPECIFIED GROUP

MATERIALS - COMMON LIST (classified)

INORGANIC MATERIALS

CERAMIC

- 003 earthenware
- 004 ironstone/granite/whiteware
- 001 porcelain
- 002 stoneware
- 134 undifferentiated ceramic

CLAY

- 047 clay
- 062 kaolin
- 079 red clay

CONSTRUCTION

- 069 brick
- 071 cement
- 070 mortar
- 072 plaster

GLASS

- 078 glass
- 013 glass, milk
- 112 slag and clinker

METALS

- 029 aluminum
- 035 chrome
- 026 cuprous metal
- 028 ferrous alloy
- 021 gold
- 034 lead
- 096 mercury
- 019 silver
- 032 steel
- 005 tin
- 136 undifferentiated metal

STONE

- 129 agate
- 075 asbestos
- 133 chalk
- 052 chert
- 046 gravel
- 109 jet
- 038 limestone
- 041 marble
- 049 mica
- 058 obsidian
- 057 ochre
- 068 precious stone
- 053 quartz
- 054 quartzite
- 039 sandstone
- 044 shale
- 040 slate
- 060 steatite
- 043 schist
- 126 undifferentiated stone
- 042 granite

ORGANIC MATERIALS

CELLULOSE

- 115 bark
- 108 burlap
- 128 charcoal
- 092 cork
- 087 cotton
- 131 fiberboard/masonite
- 085 hemp
- 011 paper
- 006 wood
- 121 cellulose seeds/seed covering

CONSTRUCTION

- 093 asphalt
- 125 formica
- 101 linoleum
- 102 tar paper

WAX

- 076 wax

GUM/RESIN

- 010 rubber, elastic
- 009 rubber, hard

PETROCHEMICALS

- 073 carbon
- 095 coal
- 048 graphite
- 116 tar

PROTEIN

- 118 chitin (arthropod, exoskeleton)
- 106 felt
- 122 flesh
- 016 hair
- 117 keratin (horn/fingernail/claw)
- 015 leather
- 107 silk
- 090 sponge, natural
- 105 wool

COMBINATION MATERIALS

- 017 bone
- 132 ivory
- 067 pearl
- 089 shell

SYNTHETIC MATERIALS

- 103 celluloid
- 088 nylon
- 008 plastic
- 077 soap
- 091 sponge, synthetic
- 104 synthetic

TEXTILE

- 151 undifferentiated textile

Figure 26: Coding Chart with Group, Class and Material Common List (National Park Service Material Classification Data Base)

GROUPS AND CLASSES

01	KITCHEN	SAMPLE ARTIFACTS
01	Dishes	Historic fragments, plate, cup, salt cellar
02	Containers	Bottle glass fragments
03	Tableware	Eating Utensils
04	Kitchenware	Cooking Utensils, pot, kettle
02	BONE GROUP	
01	Mammalia	Mammal Bones
02	Aves	Bird Bones
03	Reptilia	Reptile Bones
04	Amphibia	Amphibian Bones
05	Pisces	Fish Bones
03	ARCHITECTURAL GROUP	
01	Window Glass	Window pane glass
02	Nails	Copper nails, iron nails
03	Spikes	Railroad spikes
04	Door & Window Hardware	Doorknob, door hinge
05	Other Structural Hardware	Pipe, fireplace tiles
06	Construction Materials	Brick, mortar, metal roofing
04	FURNITURE GROUP	
01	Hardware	Handle, drawer pull, latch
02	Materials	Stove parts, chair part, bed frame
03	Lighting device	Candlestick, lamp base
04	Decorative Furnishings	Flower pot, clock parts, vase
05	ARMS GROUP	
01	Projectiles	Shot, bullets
02	Cartridge Case	Cartridge
03	Arm Accessories	Gun flints, bullet molds, powder horn
04	Gun Parts	Pistol barrel, flint lock assembly
06	CLOTHING GROUP	
01	Apparel	Hat, coat, scarves, glove, shoe
02	Ornamentation	Beads, sequin, hatpin, feather
03	Making & Repair	Thimble, straight pin, straight scissors
04	Fasteners	Buttons, snaps, buckles, cuff links
07	PERSONAL GROUP	
01	Coins	Silver coins, copper coins
02	Keys	Door lock keys, padlock keys
03	Writing Paraphernalia	Quill, fountain pen nib, graphite pencil
04	Grooming & Hygiene	Hair brush, razor, mirror, tweezers
05	Personal Ornamentation	Jewelry, ribbon, ornamental comb
06	Other Personal Items	Pocket watch, key chain, pocket knife
08	KAOLIN PIPE GROUP	
01	Kaolin Pipe Class	Kaolin pipe fragments

GROUPS AND CLASSES (cont'd)

09	ACTIVITIES GROUP	
01	Construction Tools	Axe head, drill bit, saw, paint brush
02	Farm Tools	Hoe, rake, plow blade
03	Leisure Activities	Marbles, jew's harp, doll parts
04	Fishing Gear	Fish hooks, sinkers, crab trap
05	Nonkaolin Pipe	Corncob pipe
06	Smoking Accessories	Snuff tin, tobacco tin, pipe cleaner
07	Pottery Class	(Indian) water jar, effigy pot
08	Storage Items	Crock, barrel staves, socks
09	Ethnofaunal Zoological	Oyster shells, crab shells
10	Stable and Barn	Stirrup, horse shoe, 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, coat hanger, washboard
15	Public Services	Sewer pipe, water pipe
16	Ethnobotanical	
10	PREHISTORIC GROUP	
01	Weapons	Projectile point, atlatl hook
02	Domestic	Vessel, mortar, pestle
03	Stone Working	Hammerstone, baton, flake, core
04	Wood Working	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 and Ornamental	Sheet, gorget, bead
09	Miscellaneous Artifacts	Function unknown

Figure 27: Coded Examples (National Park Service Material Culture Data Base).

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:

Unident Wood Frags	98 00 006
Construction Wood, Wooden	
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 & all small frags 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 ()
Flower Pot	04 04 003
Teach	02 () 132
Fish scales	09 09 118
Coral	98 00 119
Eggshell	09 09 119
Seeds, Seed Covering	09 16 121
Schist (construction)	03 06 043
Schist (unident)	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 ()
Misc. hardware (other and unident), screws, car parts	09 11 ()
Leather Shoe Parts	06 01 015
Unident Leather scraps	98 00 015
Leather Personal Items	07 () 015

Figure 28

Appendix 2:
REDHOOD 1B-2

ARTIFACT INVENTORY

7/17/85

TTR	CMP	CXND	GR	CL	NAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
VI	1	653.01	01	01	004	STENCILED DEC WHTWRE, THCK	1852	0.0	1	PRICE:1879
V	1	522.01	01	01	004	UNDEC WHTWRE THICK	1850	0.0	2	LOFSTROM ET AL 1978
IV	1	415.01	01	01	003	BANDED YELLOWWARE	1840	0.0	1	RAMSAY:1939
IV	1	415.01	01	01	004	STENCIL DEC WHTWRE	1820	0.0	1	SOUTH:1971/NOEL HUME:1976
VI	1	653.01	01	01	004	UNDEC WHITEWARE, THIN	1820	0.0	1	SOUTH:1972/NOEL HUME:1976
IV	1	415.01	01	01	004	IRONSTONE	1813	0.0	1	SOUTH:1971/NOEL HUME:1976
V	1	522.01	01	01	003	ROCKINGHAM FRAG	1812	0.0	1	SPARGO 1974
V	1	522.01	01	02	078	CLEAR BTLE GLASS		0.0	2	
V	1	522.01	01	02	078	GR BTLE GLASS		0.0	1	
V	1	522.01	01	02	078	LT GR BTLE GLASS		0.0	1	
VI	1	653.01	01	03	008	PLASTIC EATING UTENSIL		0.0	1	
I	1	155.01	03	01	078	THIN CLEAR WNDW GLASS		0.0	1	
IV	1	415.01	03	01	078	WNDW GLASS		0.0	1	
V	1	522.01	03	01	078	FLAT GLASS/LT GR		0.0	1	
VI	1	653.01	03	01	078	AQUA WINDOW GLASS FRAG		0.0	2	
VI	1	653.01	03	01	078	CLEAR WINDOW GLASS FRAGS		0.0	2	
I	1	156.01	03	02	028	IRON NAIL W/ SLAG		0.0	1	
V	1	522.01	03	02	028	IRON NAIL		0.0	1	
V	1	522.01	03	02	028	IRON NAIL W/ SLAG CONCRTN		0.0	1	
VI	1	653.01	03	02	028	IRON NAILS		0.0	3	
II	1	243.	03	06	006	RED PAINTED WOOD		0.0	1	
II	1	243.	03	06	006	WOOD		0.0	1	
II	1	243.	03	06	069	BRICK FRAG		1.1	0	
IV	1	415.01	03	06	069	RED BRICK		10.6	0	
V	1	522.01	03	06	069	RED BRICK		124.1	0	
VI	1	653.01	03	06	069	RED BRICK FRAG		79.5	0	
II	1	243.	03	06	072	PLASTER (SYNTHETIC?)		0.0	2	
VI	1	653.01	03	06	093	ASPHALT		3.4	0	
VI	1	653.01	09	09	089	CLAM SHELL		2.2	0	
VI	1	654.01	09	11	034	LEAD STRIPPING		0.0	3	
V	1	522.01	09	12	028	FERROUS SLAG CONCRITION		13.1	0	
V	1	522.01	09	12	028	FERROUS SLAG CONCRITIONS		94.6	0	
IV	1	415.01	09	12	095	BURNED COAL		18.0	0	
IV	1	415.01	09	12	095	COAL		18.0	0	
V	1	522.01	09	12	095	BURNT COAL		19.3	0	
I	1	156.01	09	12	112	SLAG		2.3	0	
IV	1	415.01	09	12	112	SLAG		19.4	0	
V	1	522.01	09	12	112	INDUSTRIAL SLAG		36.0	0	
II	1	243.	09	15	003	SEWER PIPE FRAG		0.0	1	
I	1	155.04	09	16	006	BURNT TREE LIMB		0.0	3	
I	1	156.01	98	00	006	WOOD FRAG		0.0	1	
II	1	243.	98	00	006	WOOD		0.0	1	
VI	1	653.01	98	00	006	BURNT WOOD		0.0	1	
I	1	156.01	98	00	028	UNIDENT IRON CONCRITION		210.6	0	
VI	1	653.01	98	00	104	YELLOW SYNTHETIC FRAG		0.0	1	
VI	1	653.01	98	00	112	SLAG		39.5	0	
IV	1	415.01	98	00	128	CHARCOAL		1.0	0	
VI	1	653.01	98	00	128	CHARCOAL		8.1	0	
								760.8	41	

SUB

Number of Observations: 48

ITR	CMP	CINO	SR	CL	MAT	COMMENTS	TPB	WEIGHT	COUNT	REF
I	2	151.	03	01	078	SAFETY GLASS FRAG	1891	0.0	1	LORRAIN 1968
I	2	153.	01	01	004	UNDEC WHTWRE THICK	1850	0.0	1	LOFSTROM 1978
I	2	152.	01	01	003	YLOWRE WHT BND DEC	1840	0.0	2	RAMSAY 1939:148
I	2	147.	01	01	004	SHLLEGG WHTWRE, BLUE	1830	0.0	1	PRICE 1979:31
I	2	148.	01	01	004	ANNLR WHTWRE/ERTHN BAND	1830	0.0	1	PRICE 1979:31
I	2	148.	01	01	004	ANNULAR WHITWARE	1830	0.0	2	PRICE 1979:31
I	2	148.	01	01	004	BL TRANSR PRNT WHTWRE	1830	0.0	1	PRICE 1979:31
I	2	152.	01	01	004	ANNLR WHTWRE ERTHN BAND	1830	0.0	1	PRICE 1979:31
I	2	152.	01	01	004	ANNLR WHTWRE, FNGRPNTD	1830	0.0	1	PRICE 1979:31
I	2	153.	01	01	004	LT BL TRANSR PRNTD WHTWRE	1830	0.0	1	LOFSTROM ET AL:1978
I	2	154.	01	01	004	LT BL TRANSR PRNT WHTWRE	1830	0.0	1	PRICE 1979:31
II	2	234.	01	01	004	BL TRANSR PRNT WHTWRE	1830	0.0	1	PRICE 1979:31
II	2	234.	01	01	002	BR STNWRE BTLE FRAGS	1820	0.0	4	SOUTH:1972/NOEL HUME:1976
I	2	151.	01	01	004	PLAIN UNDEC WHTWRE	1820	0.0	2	SOUTH 1971
I	2	153.	01	01	004	PLAIN WHTWRE	1820	0.0	2	SOUTH:1971/NOEL HUME:1976
I	2	154.	01	01	004	WHITE ERTHNWRE	1820	0.0	5	SOUTH:1972/NOEL HUME:1975
I	2	148.	01	01	003	UNDE CRMWRE	1762	0.0	1	SOUTH:1971/NOEL HUME:1976
II	2	242.	01	01	003	CRMWRE	1762	0.0	1	SOUTH 1972
I	2	153.	01	01	001	SFT PSTE PORCELAIN	1734	0.0	1	SOUTH:1971/NOEL HUME:1976
II	2	234.	01	01	001	BURNT SFT PSTE PORCLN	1734	0.0	1	SOUTH 1972
I	2	148.	01	01	001	SGFT PSTE PORC		0.0	1	
I	2	152.	01	01	001	CHINESE PORC RIM UNOGL BL		0.0	1	
I	2	149.	01	01	003	BUFF-BOD ERTHNWRE/DKER BL		0.0	1	
I	2	153.	01	01	003	DK BR GLZD BUFF ERTHNWRE		0.0	1	
II	2	234.	01	01	003	MTLD PB GLZD RWRE		0.0	2	
II	2	235.	01	01	003	RWRE W/MTLDGLZ/HLOWR VSL		0.0	4	
I	2	148.	01	02	078	AQUA BOTTLE GLASS FRAG		0.0	1	
I	2	151.	01	02	078	GREEN BOTTLE GLASS FRAG		0.0	1	
I	2	152.	01	02	078	OLVE BR BTLE GLASS FRAG		0.0	1	
I	2	154.	01	02	078	AQUA CONTAINER GLASS		0.0	1	
II	2	234.	01	02	078	CLEAR BTLE GLASS		0.0	1	
II	2	234.	01	02	078	CLEAR BTLE GLASS		0.0	2	
II	2	234.	01	02	078	CONTAINER GLASS		0.0	1	
II	2	235.	01	02	078	BTLE GLASS (WATER WORN)		0.0	1	
II	2	242.	01	02	078	CLR BTLE GLASS FRAG		0.0	1	
II	2	234.	02	00	017	BURNED BONE/CALCINED		0.0	1	
I	2	147.	02	01	017	BUTCHERED MAMMAL BONE		0.0	1	
I	2	147.	02	01	017	MAMMAL BONES		0.0	5	
I	2	148.	02	01	017	BUTCHERED MAMMAL BONE		0.0	2	
I	2	148.	02	01	017	BUTCHRD MAMAL BONE		0.0	3	
I	2	148.	02	01	017	CALCINED MAMMAL BONE		0.0	2	
I	2	148.	02	01	017	CALCINED MAMMAL BONE		0.0	1	
I	2	148.	02	01	017	MAMMAL BONE		0.0	1	
I	2	153.	02	01	017	BURNT BONE		0.0	1	
I	2	153.	02	01	017	BUTCHERED MAMMAL BONE		0.0	2	
II	2	234.	02	01	017	BUTCHERED MAMMAL BONE		0.0	2	
I	2	148.	02	02	017	BIRD BONE		0.0	1	
I	2	148.	03	01	078	CLR THIN WNDW PANE GLASS		0.0	1	
I	2	149.	03	01	078	FLAT GLASS		0.0	1	
I	2	150.	03	01	078	GLASS FRAG		0.0	1	
I	2	151.	03	01	078	FLAT WNDW GLASS FRAGS		0.0	2	
I	2	152.	03	01	078	THIN AQUA WNDW GLASS FRGS		0.0	5	
II	2	234.	03	01	078	CLEAR WNDW GLASS		0.0	7	
II	2	234.	03	01	078	WNDW GLASS		0.0	10	
II	2	234.	03	01	078	WNDW GLASS		0.0	1	
II	2	235.	03	01	078	WNDW GLASS		0.0	1	

TTR	CMP	CXNO	GR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
II	2	240.	03	01	078	LT. GR WNDW GLASS		0.0	1	
II	2	242.	03	01	078	WNDW GLASS		0.0	1	
I	2	147.	03	02	028	IRON NAILS W/ SLAG		0.0	4	
I	2	148.	03	02	028	IRON NAIL FRAG SQ. CUT		0.0	1	
I	2	148.	03	02	028	IRON NAILS W/ SLAG		0.0	3	
I	2	148.	03	02	028	IRON NAILS W/ SLAG CNCRTN		0.0	5	
I	2	148.	03	02	028	SQ. CUT IRON NAIL		0.0	1	
I	2	149.	03	02	028	IRON NAIL W/ SLAG		0.0	1	
I	2	150.	03	02	028	NAIL FRAG		0.0	1	
I	2	151.	03	02	028	FE NAIL W/ CRSN		0.0	1	
I	2	151.	03	02	028	IRON NAILS		0.0	9	
I	2	152.	03	02	028	IRON NAIL		0.0	1	
I	2	152.	03	02	028	IRON NAILS/SLAG CNCRETION		0.0	4	
I	2	153.	03	02	028	NAILS		0.0	6	
I	2	154.	03	02	028	IRON NAIL FRAGS		0.0	3	
II	2	234.	03	02	028	FE NAILS		0.0	2	
II	2	234.	03	02	028	IRON NAILS W/ SLAG		0.0	13	
II	2	234.	03	02	028	NAILS		0.0	3	
II	2	235.	03	02	028	FE NAIL FRAG		0.0	1	
II	2	242.	03	02	028	FE NAILS		0.0	2	
I	2	235.	03	03	028	FE SPIKE W/CRSN		0.0	1	
I	2	151.	03	03	069	BURNED BRICK		527.7	0	
I	2	151.	03	03	069	RED BRICK		1733.2	0	
II	2	234.	03	06	006	WOOD (CUT BOARDS)		0.0	35	
II	2	234.	03	06	006	WOOD FRAG		0.0	1	
I	2	153.	03	06	039	SANDSTONE		71.1	0	
I	2	151.	03	06	040	SLATE FRAG		0.9	0	
I	2	147.	03	06	069	BURNT BRICK		277.0	0	
I	2	147.	03	06	069	RED BRICK		557.7	0	
I	2	148.	03	06	069	BURNED BRICK		25.0	0	
I	2	148.	03	06	069	RED BRICK		488.5	0	
I	2	149.	03	06	069	BURNT BRICK		77.7	0	
I	2	149.	03	06	069	RED BRICK		217.8	0	
I	2	150.	03	06	069	BURNED BRICK		2692.7	0	
I	2	150.	03	06	069	RED BRICK/SOME DISC.		3440.6	0	
I	2	151.	03	06	069	BURNT BRICK		33.8	0	
I	2	151.	03	06	069	RED BRICK		368.5	0	
I	2	152.	03	06	069	BURNED BRICK		253.4	0	
I	2	152.	03	06	069	RED BRICK		264.9	0	
I	2	153.	03	06	069	BURNT BRICK		3836.1	0	
I	2	153.	03	06	069	RED BRICK		7240.9	0	
I	2	153.	03	06	069	RED BRICK		72.7	0	
I	2	154.	03	06	069	BURNT RED BRICK*		673.2	0	
I	2	154.	03	06	069	RED BRICK*		4725.2	0	
II	2	234.	03	06	069	BRICK		481.9	0	
II	2	234.	03	06	069	BRICK		405.7	0	
II	2	234.	03	06	069	BURNED BRICK		157.1	0	
II	2	234.	03	06	069	BURNT BRICK		69.2	0	
II	2	234.	03	06	069	BURNT BRICK		61.7	0	
II	2	234.	03	06	069	RED BRICK		2356.0	0	
II	2	235.	03	06	069	RED BRICK		31.2	0	
II	2	239.	03	06	069	BRICK		1236.0	0	
II	2	239.	03	06	069	BURNED RED BRICK*		706.0	0	
II	2	239.	03	06	069	BURNT BRICK		810.5	0	
II	2	239.	03	06	069	RED BRICK*		19130.0	0	
II	2	240.	03	06	069	BRICK		73.1	0	

TTR	CMP	CXND	GR	CL	NAT	COMMENTS	TPB	WEIGHT	COUNT	REF
II	2	242.	03	06	069	BRICK FRAGS		21.7	0	
I	2	152.	03	06	070	MORTAR		3.6	0	
II	2	234.	03	06	070	MORTAR		124.2	0	
II	2	234.	03	06	070	MORTAR		21.9	0	
II	2	234.	03	06	070	MORTAR		367.9	0	
II	2	239.	03	06	070	MORTAR		3.1	0	
II	2	239.	03	06	070	MORTAR		331.6	0	
I	2	152.	03	06	072	PLASTER FRAG		0.0	1	
II	2	234.	03	06	072	BURNED PLASTER		5.5	0	
II	2	234.	03	06	072	PLASTER		1.2	0	
II	2	234.	03	06	078	GREEN WNDW GLASS		0.0	45	
I	2	151.	05	03	052	GUN FLINT		0.0	1	
II	2	234.	06	01	015	SHOE PART FRAGS		0.0	3	
II	2	234.	06	01	106	FELT HAT FRAG/MENDS CX227		0.0	1	
I	2	151.	08	01	062	PIPE BOWL FRAG		0.0	1	
I	2	154.	08	01	062	PIPE BWL RN FRAG/FTHRNG		0.0	1	
II	2	235.	08	01	062	PIPE STM FRGS 5/64" (MEND)		0.0	2	
II	2	242.	08	01	062	PSSBLE PIPESTEM FRAG BRKN		0.0	1	
I	2	147.	09	09	089	OYSTER SHELL		4.4	0	
I	2	148.	09	09	089	CLAM SHELL		2.5	0	
I	2	148.	09	09	089	OYSTER SHELL		31.8	0	
I	2	148.	09	09	089	OYSTER SHELL		5.9	0	
I	2	149.	09	09	089	OYSTER SHELL		2.2	0	
I	2	150.	09	09	089	OYSTER SHELL		1.0	0	
I	2	151.	09	09	089	CLAM SHELL		2.6	0	
I	2	151.	09	09	089	CLAM SHELL		0.5	0	
I	2	151.	09	09	089	OYSTER SHELL		1.8	0	
I	2	152.	09	09	089	CLAM SHELL		7.3	0	
I	2	153.	09	09	089	CLAM SHELL		95.5	0	
I	2	153.	09	09	089	OYSTER SHELL		56.1	0	
I	2	154.	09	09	089	CLAM SHELL		2.6	0	
I	2	154.	09	09	089	OYSTER SHELL		40.1	0	
II	2	234.	09	09	089	CLAM SHELL		3.0	0	
II	2	234.	09	09	121	COCONUT HULL FRAG		0.0	1	
I	2	146.	09	11	028	IRON BAND W/ SLAG		0.0	3	
I	2	154.	09	11	028	IRON BAND FRAGS		0.0	2	
II	2	234.	09	11	028	IRON BAND W/ SLAG		0.0	1	
II	2	239.	09	11	028	LARGE MISC FE HARDWARE		0.0	18	
II	2	234.	09	12	015	THIN LEATHER STRAP		0.0	1	
I	2	147.	09	12	028	FERROUS SLAG		14.1	0	
I	2	148.	09	12	028	FERROUS SLAG		36.6	0	
I	2	148.	09	12	028	FERROUS SLAG CONCRETIONS		342.0	0	
I	2	152.	09	12	028	FERROUS SLAG		27.3	0	
II	2	234.	09	12	028	FERROUS CONCRETION		199.4	0	
II	2	239.	09	12	028	FERROUS SLAG CONCRETIONS		21.8	0	
II	2	240.	09	12	028	FERROUS SLAG CONCRETIONS		92.7	0	
I	2	148.	09	12	095	BURNED COAL		0.8	0	
I	2	148.	09	12	095	COAL		34.6	0	
I	2	149.	09	12	095	BURNT COAL		12.2	0	
I	2	149.	09	12	095	COAL		6.0	0	
I	2	151.	09	12	095	BURNED COAL		20.0	0	
I	2	151.	09	12	095	COAL		4.3	0	
I	2	152.	09	12	095	COAL		41.2	0	
I	2	153.	09	12	095	COAL		1.0	0	
I	2	154.	09	12	095	COAL		18.6	0	
II	2	234.	09	12	095	BURNED COAL		10.7	0	

TTR	CMP	CXND	BR	CL	MAT	COMMENTS	TPQ	WEISHT	COUNT	REF	
II	2	234.	09	12	095	COAL		31.2	0		
II	2	235.	09	12	095	BURNED COAL		0.4	0		
I	2	147.	09	12	112	INDUSTRIAL SLAG		27.1	0		
I	2	148.	09	12	112	BURNED COAL		3.0	0		
I	2	149.	09	12	112	VITREOUS SLAG		1.6	0		
I	2	150.	09	12	112	SLAG		11.5	0		
I	2	151.	09	12	112	SLAG (INDUSTRIAL)		53.6	0		
I	2	152.	09	12	112	BURNED COAL		82.9	0		
I	2	152.	09	12	112	CLINKER		112.1	0		
I	2	153.	09	12	112	VITREOUS SLAG		64.0	0		
I	2	154.	09	12	112	INDUSTRIAL SLAG		91.6	0		
I	2	154.	09	12	112	VITREOUS SLAG, BLACK/GRN		18.1	0		
II	2	234.	09	12	112	SLAG		50.0	0		
II	2	234.	09	12	112	VITREOUS SLAG		3.1	0		
II	2	239.	09	12	112	INDUSTRIAL SLAG		14.7	0		
II	2	239.	09	12	112	VITREOUS SLAG ON BRICK*		592.4	0		
II	2	242.	09	12	112	SLAG		1.8	0		
I	2	149.	09	12	128	CHARCOAL		1.5	0		
II	2	234.	09	15	002	SEWER PIPE FRAGS, TINY		0.0	3		
I	2	151.	09	16	006	WOOD KNOT		0.0	1		
II	2	234.	09	16	115	BARK/BURNT?		0.0	3		
I	2	149.	98	00	006	WOOD PRSVD IN FE CRSION		0.0	1		
I	2	151.	98	00	006	UNIDENT WOOD FRAG		0.0	1		
I	2	152.	98	00	006	WOOD FRAG PRSVD IRON CRSN		0.0	1		
I	2	152.	98	00	006	WOOD FRAGS		0.0	3		
I	2	153.	98	00	006	WOOD FRAG		0.0	1		
I	2	154.	98	00	006	UNIDENT WOOD FRAGS		0.0	2		
II	2	234.	98	00	006	BURNED WOOD FRAGS		0.0	13		
II	2	234.	98	00	006	WOOD FRAGS		0.0	35		
II	2	235.	98	00	006	UNIDENT WOOD FRAGS		0.0	2		
II	2	239.	98	00	006	WOOD PIECES		0.0	4		
II	2	234.	98	00	011	THIN CRDBRD FRAGS/CUTEDGS		0.0	3		
II	2	242.	98	00	015	SCRAPS OF LEATHER		0.0	2		
I	2	151.	98	00	028	UNIDENT IRON FRAGS CRSION		0.0	4		
I	2	154.	98	00	028	UNIDENT IRON FRAGS		0.0	5		
II	2	235.	98	00	028	UNIDENT IRON FRAGS		0.0	3		
I	2	153.	98	00	039	SANDSTONE		0.0	1		
II	2	234.	98	00	039	UNIDENT WORKED? SANDSTONE		0.0	2		
I	2	153.	98	00	078	FE CONCRETIONS		102.9	0		
II	2	234.	98	00	104	UNIDENT SYNTHETIC FABRIC		0.0	6		
I	2	148.	98	00	112	CLINKER		40.0	0		
I	2	148.	98	00	112	CLINKER		19.4	0		
I	2	149.	98	00	112	REGULAR SLAG/CLINKER		1.2	0		
I	2	150.	98	00	112	BURNED COAL		2.2	0		
I	2	153.	98	00	112	SLAG		1.2	0		
								56457.8	380		

Sum

Number of Observations: 213

TTR	CMP	CXND	GR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
I	3	144.	03	01	078	SFTY GLSS/MLDED WHDW W/WR	1891	0.0	1	LORRAIN:1968
I	3	124.	01	01	004	UNDEC WHTWRE/THK/MARK ON1	1850	0.0	2	LOFSTROM 1978
I	3	144.	01	01	004	UNDEC WHTWRE/1RM/1BSE/THK	1850	0.0	4	LOFSTROM ET AL:1978
II	3	229.	01	01	004	UNDEC WHTWRE/THICK	1850	0.0	1	PRICE:1979
IV	3	405.	01	01	004	BL DEC WHTWRE/LBOOKS 20THC	1850	0.0	2	PRICE:1979
IV	3	413.	01	01	004	UNDEC WHTWRE, THICK	1850	0.0	2	LOFSTROM ET AL:1978
V	3	524.	01	01	004	UNDEC WHTWRE THICK RIM SH	1850	0.0	1	PRICE:1979
I	3	144.	04	02	004	HVY WSHBWL FTRNG/SPNG DEC	1850	0.0	1	LOFSTROM ET AL:1978
I	3	144.	08	01	062	STEM FRAG 5/64" LGLASS	1846	0.0	1	WALKER 1935
II	3	229.	01	01	004	FLOBLU WHTWRE	1844	0.0	1	PRICE 1979
I	3	141.	01	01	003	YLOWRE/WHITE BANDS	1840	0.0	1	RANSAY 1939
IV	3	413.	01	01	004	SPNGE DEC WHTWRE	1835	0.0	2	PRICE 1979:31
IV	3	413.	01	01	003	THICK YLOWRE FRAGS	1830	0.0	4	RANSAY:1939
VI	3	651.	01	01	004	ANNULAR WHITEWARE	1830	0.0	1	PRICE,1979:31.
I	3	124.	01	01	004	LT BL TRANSFR PRNT WHTWRE	1830	0.0	3	LOFSTROM 1978/2 MEND
IV	3	413.	01	01	004	GR TRANSFR PRNT WHTWRE	1830	0.0	1	PRICE 1979:31
IV	3	413.	01	01	004	LT BL TRANSFR PRNT WHTWRE	1830	0.0	8	PRICE 1979:31
IV	3	414.	01	01	004	BL TRANSFR PRNTD WHTWRE/TH	1830	0.0	4	PRICE 1979:31
V	3	524.	01	01	004	BL TRANSFR PRNTD WHTWRE	1830	0.0	1	PRICE 1979
I	3	144.	01	01	004	STENCIL DEC WHTWRE	1825	0.0	1	PRICE 1979:31
VI	3	651.	01	01	004	PLAIN UNDEC WHTWARE,THIN	1820	0.0	2	SOUTH,1972/NOEL HUME,1976
VI	3	651.	01	01	004	PLAIN UNDEC WHTWRE,THICK	1820	0.0	2	SOUTH:1072/NOEL HUME:1976
VI	3	651.	01	01	004	ANNULAR WHITEWARE	1820	0.0	1	SOUTH:1072/NOEL HUME:1976
I	3	144.	01	01	004	FNGR PANTD ANNULAR WHTWRE	1820	0.0	1	NOEL HUME:1976
I	3	144.	01	01	004	UNDEC WHTWRE	1820	0.0	1	SOUTH:1971/NOEL HUME:1976
I	3	144.	01	01	004	UNDEC WHTWRE/RIM FRAGS	1820	0.0	3	NOEL HUME:1976
II	3	229.	01	01	004	UNDEC WHTWRE/1 BURNED	1820	0.0	2	SOUTH 1971
II	3	232.	01	01	004	UNDEC WTE EARTHWARE	1820	0.0	4	SOUTH:1971/NOEL HUME:1976
IV	3	405.	01	01	004	WHITE EARTHENWARE	1820	0.0	6	SOUTH:1972/NOEL HUME:1976
IV	3	413.	01	01	004	UNDEC WHTWRE/THIN	1820	0.0	21	SOUTH:1971/NOEL HUME:1976
IV	3	414.	01	01	004	UNDEC WHTWRE/THIN	1820	0.0	4	SOUTH:1971/NOEL HUME:1976
IV	3	413.	01	02	002	BR STNWRE BOTTLE FRAG	1820	0.0	1	
VI	3	651.	03	06	071	CEMENT	1817	13.3	0	MCKEE 1973:68
IV	3	413.	03	06	071	CONCRETE	1817	56.4	0	MCKEE 1973:68
IV	3	413.	01	01	003	BK BL TRANSFR PRNT PRLWARE	1795	0.0	1	SOUTH:1971/NOEL HUME:1976
VI	3	652.	01	01	003	ANNULAR PEARLWARE	1790	0.0	1	SOUTH:1972/NOEL HUME:1976
II	3	229.	01	01	003	BL SHLEDB PRLWRE	1780	0.0	1	SUSSMAN:1977
II	3	232.	01	01	003	UNDE PRLWARE	1780	0.0	1	SOUTH:1971/NOEL HUME:1976
IV	3	413.	08	01	062	PIPE BNL FRG/DEC MLD SEAM	1760	0.0	1	ATKINSON & OSWALD 1969
VI	3	651.	01	01	001	SOFT PASTE PORCELAIN	1745	0.0	1	SOUTH:1072/NOEL HUME:1976
VI	3	652.	01	01	001	GOLD DEC SP PORCELAIN	1745	0.0	1	SOUTH:1972/NOEL HUME:1976
II	3	227.	09	08	001	SOFT-PSTE PORCELAIN	1734	0.0	1	SOUTH 1972
I	3	124.	01	01	001	DVRGL HND PNT SFTPST PORC		0.0	2	
II	3	229.	01	01	001	UNDEC PORCELAIN/HRDPSTE		0.0	1	
II	3	229.	01	01	001	UNDGL/BL/HNDPT POR/SFTPST		0.0	1	
II	3	233.	01	01	001	UNDGL BL PNTD PORCELAIN		0.0	1	
II	3	229.	01	01	002	STNWRE/MUSTD&ALBANY SLIP		0.0	1	
II	3	232.	01	01	002	UNDRFRD BUFF STNWR LID FR		0.0	1	
II	3	233.	01	01	002	SLTGL STNWR/BL/GR/ALBSLP		0.0	1	
IV	3	409.	01	01	002	JACKFIELD-TYPE SHERDS		0.0	3	
IV	3	413.	01	01	002	SLIP DEC RED STNWRE		0.0	1	
VI	3	651.	01	01	003	MN DEC BELFTWARE		0.0	1	
II	3	232.	01	01	003	MTLD PBGLID RDWR/HLWR RIM		0.0	1	
II	3	233.	01	01	003	BFF-BOD EARTHWR W/BR UNGL		0.0	1	
IV	3	405.	01	01	003	BUFF EARTHENWARE		0.0	1	
IV	3	413.	01	01	003	BLACK GLAZED RDWRE		0.0	1	

TTR	CRP	CINO	GR	CL	MAT	COMMENTS	TPG	WEIGHT	COUNT	REF
IV	3	414.	01	01	003	UNIDENT WHT CRMIC/POROUS		0.0	1	
II	3	232.	01	01	076	DK GR BTL FINISH		0.0	1	
VI	3	651.	01	02	005	TIN BEER BOTTLE TOP		0.0	1	*BUDWEISER*
VI	3	651.	01	02	078	CLEAR CONTAINER GLASS		0.0	1	
VI	3	651.	01	02	078	BLUE CONTAINER GLASS		0.0	1	
I	3	124.	01	02	078	BLUE CNTNR GLASS/TREATED		0.0	1	
I	3	144.	01	02	078	OPQUE PWDR BL GLASS-UNDNT		0.0	1	
I	3	144.	01	02	078	UNDNT RTLE GLS/3LTGR/1CLR		0.0	3	
II	3	144.	01	02	078	BTTLE NECK FRAG-BL GLASS		0.0	1	
II	3	227.	01	02	078	BOTTLE GLASS		0.0	1	
II	3	228.	01	02	078	DK GR BTL NECK/RIM		0.0	1	
II	3	229.	01	02	078	DK GR BTL GLASS		0.0	1	
II	3	229.	01	02	078	WNDW GLASS		0.0	1	
II	3	232.	01	02	078	CLEAR BOTTLE GLASS		0.0	2	
II	3	233.	01	02	078	CONTAINER GLASS		0.0	1	
IV	3	405.	01	02	078	LT. AQU BTL BASE/TRTDB72		0.0	1	
IV	3	413.	01	02	078	BLACK BOTTLE GLASS		0.0	2	
IV	3	413.	01	02	078	CLEAR BOTTLE GLASS		0.0	7	
IV	3	413.	01	02	078	DEYTFIED BL/GR BTL GLASS		0.0	1	
IV	3	413.	01	02	078	OLIVE BOTTLE GLASS		0.0	3	
IV	3	414.	01	02	078	BL/GR BTL GLASS		0.0	1	
I	3	141.	02	00	017	BURNED BONE		0.0	1	
IV	3	413.	02	00	017	CALCINED BONE		0.0	1	
I	3	144.	02	01	017	BUTCHERED MAMMAL BONES		0.0	12	
I	3	144.	02	01	017	MAMMAL BONES		0.0	6	
IV	3	413.	02	01	017	BUTCHERED MAMMAL BONE		0.0	2	
IV	3	413.	02	01	017	MAMMAL BONE		0.0	2	
I	3	144.	02	02	017	BIRD BONE/TURKEY OR CHIKN		0.0	1	
I	3	129.	03	01	078	CLR FLAT GLASS/TREATEDB72		0.0	2	
I	3	141.	03	01	078	CLR THIN WNDW GLASS		0.0	1	
I	3	144.	03	01	078	CLEAR WNDW GLASS		0.0	1	
I	3	144.	03	01	078	GRN WNDW GLSS W/FE CONCRT		0.0	1	
I	3	144.	03	01	078	MLDED WNDW/FRIDGE PLT GLS		0.0	1	
I	3	144.	03	01	078	WNDW GLS/CLEAR/THIN		0.0	9	
II	3	229.	03	01	078	WNDW GLASS		0.0	14	
II	3	232.	03	01	078	LT GR WNDW GLASS		0.0	14	
II	3	233.	03	01	078	FLAT GLASS		0.0	1	
IV	3	405.	03	01	078	WINDOW GLASS		0.0	1	
IV	3	413.	03	01	078	AQUA WNDW PANE GLASS		0.0	19	
IV	3	414.	03	01	078	CLEAR WNDW GLASS		0.0	2	
VI	3	651.	03	02	028	IRON NAILS		0.0	3	
I	3	124.	03	02	028	IRON NAILS W/ SLAG		0.0	2	
I	3	124.	03	02	028	SQ CUT IRON NAILS		0.0	3	
I	3	129.	03	02	028	NAILS		0.0	35	
I	3	141.	03	02	028	IRON NAILS W/ SLAG		0.0	2	
I	3	144.	03	02	028	FE NAILS W/SLAG CNCRTN/SQ		0.0	84	
I	3	144.	03	02	028	IRON NAIL W/ SLAG		0.0	1	
I	3	144.	03	02	028	SQ.CUT IRON NAIL FRAGS		0.0	17	
II	3	229.	03	02	028	FE NAILS		0.0	8	
II	3	229.	03	02	028	FE NAILS W/ SLAG/CNCRTNS		0.0	2	
II	3	232.	03	02	028	BURNED NAILS		0.0	2	
II	3	232.	03	02	028	IRON NAILS W/ SLAG		0.0	11	
II	3	233.	03	02	028	FE NAIL W/ CRSION PRODS		0.0	1	
IV	3	413.	03	02	028	IRON NAILS W/ SLAG		0.0	4	
IV	3	414.	03	02	028	IRON NAILS		0.0	2	
I	3	124.	03	03	028	SPIKE W/ IRON SLAG & COAL		0.0	1	

TTR	CMP	CXND	GR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
I	3	144.	03	05	002	SINWRE TILE FRAG/DK BR GL		0.0	1	
II	3	229.	03	06	006	BURNT WOOD		0.0	1	
II	3	229.	03	06	006	WOOD FRASS		0.0	13	
V	3	525.	03	06	02B	NAIL W/ CONCRETIONS		0.0	1	
II	3	233.	03	06	040	SLATE		3.7	0	
V	3	525.	03	06	042	GRANITE BLCK W/ SCLPD EDG		1923.5	0	
I	3	144.	03	06	062	BRICK W/IRON/SLAG CONCRTN		60.0	0	
VI	3	651.	03	06	069	RED BRICK		923.4	0	
I	3	129.	03	06	069	BRICK		8.2	0	
I	3	141.	03	06	069	BURNED BRICK		180.0	0	
I	3	141.	03	06	069	RED BRICK		446.9	0	
I	3	144.	03	06	069	BURNED BRICK		1200.1	0	
I	3	144.	03	06	069	BURNED BRICK		328.9	0	
I	3	144.	03	06	069	RD BRCK/ONLY 6 MEASURABLE		8500.0	0	
I	3	144.	03	06	069	RED BRICK		1160.1	0	
II	3	229.	03	06	069	BRICK		53.2	0	
II	3	229.	03	06	069	BURNT BRICK		98.4	0	
II	3	232.	03	06	069	RED BRICK		203.5	0	
II	3	233.	03	06	069	BURNT BRICK		26.2	0	
II	3	233.	03	06	069	RED BRICK		313.4	0	
IV	3	413.	03	06	069	RED BRICK		1361.7	0	
I	3	144.	03	06	070	MORTAR		0.0	1	
II	3	232.	03	06	070	MORTAR		1.7	0	
IV	3	413.	03	06	070	MORTAR		0.8	0	
I	3	144.	03	06	072	BUFF PLASTER		0.0	1	
II	3	232.	03	06	155	YELLOW BRICK		24.2	0	
II	3	232.	04	03	013	CHIMNEY GLASS WHITE		0.0	1	
IV	3	414.	04	04	003	FLOWER POT FRAGS		0.0	3	
II	3	227.	06	01	106	FELT HAT-MENDS 234		0.0	1	MOST OF HAT
IV	3	413.	06	01	106	BLACK FELT FRAGMENTS		0.0	15	
II	3	229.	06	04	015	LEATHER SHOELACE		0.0	1	
IV	3	414.	06	04	078	GLASS BUTTON		0.0	1	
II	3	229.	06	04	087	SHOELACE/COTTON		0.0	1	
I	3	144.	08	01	062	PIPE STEM FRAG 5/64"		0.0	1	
II	3	233.	08	01	062	STEM FRAG/4/64"		0.0	1	
IV	3	413.	08	01	062	DEC MLD PIPE BWL FRG/SMXD		0.0	1	
IV	3	413.	08	01	062	PIPE STEM FRAGS 5/64"		0.0	2	
IV	3	414.	08	01	062	PIPE STEM FRAG 5/64"		0.0	1	
II	3	229.	09	03	041	MARBLE W/ORANGE BANDS		0.0	1	
VI	3	651.	09	09	089	OYSTER SHELL		29.8	0	
VI	3	651.	09	09	089	CLAM SHELL		9.5	0	
I	3	141.	09	09	089	OYSTER SHELL		0.3	0	
I	3	144.	09	09	089	CLAM SHELL		10.0	0	
I	3	144.	09	09	089	OYSTER SHELL		10.2	0	
I	3	144.	09	09	089	OYSTER SHELL		2.4	0	
II	3	229.	09	09	089	BURNT OYSTER SHELL		0.6	0	
II	3	229.	09	09	089	OYSTER SHELL		5.1	0	
II	3	232.	09	09	089	CLAM SHELL		8.6	0	
II	3	232.	09	09	089	OYSTER SHELL		1.0	0	
IV	3	413.	09	09	089	CLAM SHELL		17.6	0	
IV	3	414.	09	09	089	CLAM SHELL		2.3	0	
IV	3	414.	09	09	089	OYSTER SHELL		1.0	0	
IV	3	405.	09	10	015	LEATHER HARNESS W/CU STUD		0.0	6	
IV	3	405.	09	10	015	LEATHER HARNESS W/CU STUD		0.0	6	
VI	3	651.	09	11	005	MISC. HARDWARE, TIN		0.0	1	
IV	3	414.	09	11	026	CU ALLOY TACK		0.0	1	

TTR	CMP	CINO	GR	CL	NAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
IV	3	413.	09	11	02B	THIN IRON WIRE		0.0	1	
IV	3	413.	09	12	026	CUPROUS SLAG		12.4	0	
I	3	124.	09	12	02B	FE SLAG CONCRETIONS		124.6	0	
I	3	129.	09	12	02B	FERROUS CONCRETIONS		1989.5	0	
I	3	144.	09	12	02B	FERROUS SLAG		2889.0	0	
I	3	144.	09	12	02B	FERROUS SLAG		25.9	0	
II	3	229.	09	12	02B	FERROUS SLAG CONCRETIONS		399.8	0	
II	3	232.	09	12	02B	FERROUS SLAG		108.7	0	
II	3	233.	09	12	02B	FERROUS SLAG CONCRETION		1.0	0	
IV	3	413.	09	12	02B	BURNED NAIL/SLAG/NO CRSN		0.0	1	
IV	3	413.	09	12	02B	FERROUS SLAG		12.1	0	
V	3	524.	09	12	02B	IRON SLAG/CONCRETION		4.0	0	
I	3	124.	09	12	095	COAL		1.2	0	
I	3	129.	09	12	095	BURNED COAL		218.9	0	
I	3	129.	09	12	095	COAL		5.7	0	
I	3	141.	09	12	095	BURNED COAL		1.8	0	
I	3	141.	09	12	095	COAL		14.9	0	
I	3	144.	09	12	095	BURNED COAL		35.0	0	
I	3	144.	09	12	095	COAL		180.0	0	
I	3	144.	09	12	095	COAL		14.1	0	
II	3	229.	09	12	095	BURNT COAL		1.5	0	
II	3	229.	09	12	095	COAL		0.4	0	
II	3	232.	09	12	095	COAL		4.6	0	
II	3	233.	09	12	095	BURNT COAL		4.9	0	
II	3	233.	09	12	095	COAL		1.4	0	
II	3	233.	09	12	095	COAL ASH		0.0	1	
IV	3	413.	09	12	095	BURNED COAL		15.2	0	
IV	3	413.	09	12	095	COAL		110.0	0	
VI	3	651.	09	12	112	SLAG		32.3	0	
I	3	129.	09	12	112	INDUSTRIAL SLAG		54.1	0	
I	3	141.	09	12	112	INDUSTRIAL SLAG		12.4	0	
I	3	141.	09	12	112	VITREOUS SLAG		3.8	0	
I	3	144.	09	12	112	COAL SLAG/1LG/SOME SMALLR		2619.0	0	
I	3	144.	09	12	112	VITREOUS SLAG		13.8	0	
II	3	229.	09	12	112	INDUSTRIAL SLAG		0.0	1	
II	3	232.	09	12	112	INDUSTRIAL SLAG		55.7	0	
II	3	233.	09	12	112	BURNT COAL		19.2	0	
II	3	233.	09	12	112	INDUSTRIAL SLAG		1.1	0	
IV	3	405.	09	12	112	INDUSTRIAL SLAG		7.3	0	
IV	3	413.	09	12	112	INDUSTRIAL SLAG		86.7	0	
V	3	524.	09	12	112	INDUSTRIAL SLAG		6.0	0	
II	3	229.	09	15	003	SEWER PIPE FRAGS		0.0	4	
II	3	232.	09	15	003	SEWER PIPE		0.0	3	
II	3	232.	09	15	003	SEWER PIPE FRAGS		0.0	10	
II	3	233.	10	03	146	FGSS ARGILLITE FLAKES		0.0	2	
I	3	144.	98	00	006	UNIDENT WOOD FRAGS		0.0	3	
I	3	144.	98	00	006	WD FRGS PRSRVD BY FE CRSN		0.0	16	
II	3	232.	98	00	006	SMALL WOOD FRAGS		0.0	12	
II	3	233.	98	00	006	PARTIALLY BURND WOOD FRAG		0.0	1	
II	3	233.	98	00	006	UNIDENT WOOD FRAGS		0.0	7	
IV	3	413.	98	00	006	SMALL WOOD FRAGS		0.0	13	
II	3	229.	98	00	015	LEATHER SCRAPS		0.0	4	
II	3	233.	98	00	015	UNIDENT LEATHER SCRAP		0.0	1	
II	3	233.	98	00	02B	FE CORROSION FRAGS		0.0	2	
IV	3	405.	98	00	02B	UNIDENT IRON FRAGS		0.0	2	
I	3	124.	98	00	034	LEAD		0.0	1	

TTR	CMP	CINO	BR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
IV	3	413.	98	00	047	WHITE CLAY LUMPS		33.1	0	
II	3	232.	98	00	078	UNIDENT MELTED GLASS		0.0	2	
IV	3	413.	98	00	078	UNIDENT MELTED GLASS		0.0	1	
IV	3	414.	98	00	078	UNIDENT MELTED GLASS		0.0	1	
I	3	141.	98	00	112	CLINKER		1.2	0	
I	3	144.	98	00	112	CLINKER		5.0	0	
II	3	233.	98	00	121	SEED COVERING FROM TREE		0.0	1	
IV	3	413.	98	00	128	CHARCOAL		1.4	0	
								26116.7	569	

Sum

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TTR	CMP	CXNO	GR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
II	4	226.	01	02	078	BTM 1/2 OF BTL/"MC SHANE"	1888	0.0	1	ON OBVERSE OF BOTTLE
V	4	505.	01	01	004	TRANSR PRNTD WHTWRE/THK	1855	0.0	6	PRICE 1979
I	4	123.	01	01	004	UNDEC WHTWRE/THICK	1850	0.0	1	PRICE:1979
V	4	505.	01	01	002	BUF STNWRE	1840	0.0	1	SOUTH 1976
V	4	505.	01	02	002	BUF/MSTRD STNWRE BTLE	1840	0.0	1	SOUTH 1976
II	4	230.	01	01	004	PLAIN WHTWRE	1820	0.0	1	SOUTH:1971/NOEL HUME:1976
V	4	505.	01	01	004	UNDEC WHTWRE	1820	0.0	5	SOUTH 1971
I	4	123.	03	06	071	CEMENT	1817	178.6	0	MCKEE 1973:68
I	4	123.	03	06	071	CONCRETE	1817	38.7	0	MCKEE 1973:68
V	4	519.	01	01	001	UNDEC SFT PST PORC	1734	0.0	1	SOUTH 1972
V	4	507.	01	01	001	PORC BOWL/THICK		0.0	1	
I	4	123.	01	01	002	BUFF SLPWRE HNDL/TNKRD?		0.0	1	
I	4	123.	01	01	002	GRY STNWRE/ALBNY SLIP		0.0	1	
I	4	123.	01	01	004	IRONSTONE FRAG		0.0	1	
IV	4	401.	01	02	028	BOTTLE CAP		0.0	1	
I	4	123.	01	02	078	CLEAR BOTTLE GLASS		0.0	2	
I	4	123.	01	02	078	LT GR BTLE BASE FRAG		0.0	1	
I	4	123.	01	02	078	VIAL OR SM CNTNR RIM FRAG		0.0	1	
II	4	230.	01	02	078	BTLE GLASS/CLEAR		0.0	3	
IV	4	401.	01	02	078	BTLE NECK/RIM, BL/TRTD872		0.0	1	
V	4	505.	01	02	078	BR BTLE GLASS "EU" "M"		0.0	1	
V	4	519.	01	02	078	CLEAR WNDW GLASS		0.0	1	
V	4	505.	02	01	017	BONE		0.0	1	
I	4	123.	02	02	017	BIRD BONE		0.0	1	
I	4	123.	03	01	078	WNDW GLASS/TREATED B72		0.0	5	
II	4	230.	03	01	078	FLAT GLASS		0.0	12	
V	4	519.	03	01	078	GR WNDW GLASS		0.0	3	
I	4	123.	03	02	028	NAILS		0.0	5	
II	4	230.	03	02	028	IRON NAILS		0.0	4	
V	4	519.	03	02	028	FE NAILS W/ CONCR TNS		0.0	4	
I	4	123.	03	04	034	PB WNDW SASH WEIGHT FRAG		0.0	1	
I	4	123.	03	05	026	COPPER WIRE?		0.0	1	
II	4	230.	03	06	006	BURNT WOOD		0.0	1	
II	4	230.	03	06	006	WOOD FRAG W/ CU STAIN		0.0	1	
II	4	230.	03	06	006	WOOD FRAG/BR PAINT/CU STN		0.0	1	
II	4	230.	03	06	040	SLATE		61.8	0	
I	4	123.	03	06	054	QUARTZITE W/MRTR/CUT STON		61.1	0	
I	4	123.	03	06	069	BRICK		3.8	0	
II	4	230.	03	06	069	BRICK		15.6	0	
II	4	230.	03	06	069	BURNT BRICK		39.2	0	
V	4	519.	03	06	069	BRICK		3.1	0	
V	4	519.	03	06	069	BURNT BRICK		1.1	0	
II	4	230.	04	03	078	CHIMNEY GLASS-OPAQUE		0.0	1	
I	4	123.	09	12	028	FERROUS SLAG CONCRETIONS		71.3	0	
I	4	123.	09	12	095	BURNT COAL		19.3	0	
I	4	123.	09	12	095	COAL		4.6	0	
II	4	230.	09	12	095	BURNT COAL		2.4	0	
II	4	230.	09	12	095	COAL		4.2	0	
V	4	519.	09	12	095	BURNT COAL		11.3	0	
V	4	519.	09	12	095	COAL		5.5	0	
I	4	123.	09	12	112	CLINKER		0.0	1	
I	4	123.	09	12	112	INDUSTRIAL SLAG		36.5	0	
II	4	222.	09	12	112	VITREOUS SLAG		193.5	0	
II	4	230.	09	12	112	INDUSTRIAL SLAG		158.6	0	
V	4	519.	09	12	112	SLAG		1.3	0	
VI	4	601.	09	13	088	MILITARY RIBBON ASSEMBLY		0.0	5	

TTR	CMP	CXND	BR	CL	MAT	COMMENTS	TPB	WEIGHT	COUNT	REF
I	4	123.	09	15	003	SEWER PIPE FRAG		0.0	1	
I	4	123.	09	16	121	COCONUT SHELL FRAG		0.0	1	
II	4	230.	99	00	006	WOOD FRAGS		0.0	2	
I	4	123.	98	00	026	COPPER CORROSION		0.3	0	
I	4	123.	98	00	028	FE FRAG(CORROSION)		0.8	0	
II	4	230.	98	00	028	IRON FRAG		0.0	1	
V	4	519.	98	00	028	FE FRAG (UNIDENT)		0.0	1	
II	4	230.	98	00	112	CLINKER		2.8	0	
II	4	230.	98	00	115	BRX		0.0	2	
II	4	230.	98	00	141	WHITE METAL		0.0	1	
								915.4	88	

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Number of Observations: 66

FTR	CMP	CINO	GR	CL	NAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
I	5	160.	01	02	078	AQUA BTL/INDIA BREWING	1903	0.0	1	MILLER & SULLIVAN 1981:15
IV	5	420.	03	01	078	SAFETY GLASS W/ WIRE	1891	0.0	1	LORRAIN:1968
II	5	420.	01	02	078	BEER BTLE,MLD,OMCSHANE	1888	0.0	1	ON BOTTLE
VI	5	650.	01	02	078	EMBOSSED BOTTLE BASE	1872	0.0	1	*MADE BY JOHN*
IV	5	420.	09	05	003	RED CLAY MTHPCE/ 5/64"	1856	0.0	1	
IV	5	420.	01	01	004	TRNSFR PRNTD/WSHD OUT/THK	1855	0.0	6	PRICE 1979:31
V	5	530.	01	01	004	TRNSFR PRNTS WHTWRE/THICK	1955	0.0	1	PRICE 1979
IA	5	160.	01	01	004	PLN WHTWRE THICK	1850	0.0	1	PRICE:1979
II	5	250.	01	01	004	UNDEC WHTWRE THICK	1850	0.0	1	LOFSTROM 1978
II	5	250.	01	01	004	UNDEC WHTWRE/THICK	1850	0.0	1	PRICE 1979
IV	5	420.	01	01	004	UNDEC WHTWR THICK	1850	0.0	1	PRICE:1979
IV	5	420.	01	01	004	UNDEC WHTWRE, THICK	1850	0.0	6	PRICE:1979
V	5	530.	01	01	004	BLK TRNSFR PRNT WHTWRE	1850	0.0	2	PRICE:1979
V	5	530.	01	01	004	PLAIN UNDEC WHTWRE THICK	1850	0.0	6	PRICE:1979
V	5	530.	01	01	004	UNDEC WHTWRE/THICK	1850	0.0	4	PRICE:1979
VI	5	650.	01	01	004	UNDEC WHITEWARE, THICK	1850	0.0	1	PRICE, 1979:31
VI	5	650.	01	01	004	UNDEC WHITEWARE, THICK	1850	0.0	8	PRICE, 1979:31
V	5	530.	08	01	062	P.DORNI PIPE STEM 5/64"	1850	0.0	1	WALKER:1983
V	5	530.	08	01	062	PIPE FRAG/FLUTED?RIBBED?	1850	0.0	1	
V	5	530.	08	01	062	STEM W/SERIF LTRS/5/64"	1850	0.0	1	
VI	5	650.	01	01	004	EMBSD WHTWRE, BRN BSKTWVE	1845	0.0	1	PRICE, 1979:31
VI	5	650.	01	01	004	EMBOSSED WHITEWARE	1845	0.0	1	PRICE, 1979:31
IV	5	420.	01	01	004	FLO BL WHTWRE	1844	0.0	1	LOFSTROM ET AL:1978
IV	5	420.	01	01	004	FLW BL WHTWRE	1844	0.0	1	LOFSTROM ET AL:1978
VI	5	650.	01	01	004	FLOW BLUE WHITEWARE	1844	0.0	2	LOFSTROM ET AL:1976
IV	5	420.	01	01	004	SPONGE DEC WHTWRE	1835	0.0	1	PRICE 1979:31
VI	5	650.	01	01	004	HN SPONGE DEC WHITEWARE	1835	0.0	1	PRICE, 1979:31
IV	5	420.	01	01	003	UNDEC YLWRE FRAGS	1830	0.0	5	RAMSAY:1939
VI	5	650.	01	01	003	UNDEC YELLOWWARE, THICK	1830	0.0	1	RAMSAY:1939
II	5	250.	01	01	004	BL TRNSFR PRNT WHTWRE	1830	0.0	2	PRICE 1979
IV	5	420.	01	01	004	ANNULAR WHITEWARE	1830	0.0	1	PRICE 1979:31
IV	5	420.	01	01	004	ANNULAR WHTWRE/ERTHN BAND	1830	0.0	1	PRICE 1979:31
IV	5	420.	01	01	004	BLU TRNSFR PRNT WHTWRE	1830	0.0	2	PRICE 1979
IV	5	420.	01	01	004	BL TRNSFR PRNT WHTWRE	1830	0.0	1	PRICE 1979:31
IV	5	420.	01	01	004	BL TRNSFR PRNTD WHTWRE	1830	0.0	1	PRICE 1979:31
V	5	530.	01	01	004	LT BL TRNSFR PRNTD WHTWRE	1830	0.0	3	LOFSTROM ET AL:1978
V	5	530.	01	01	004	TRNSFR PRNTD WHTWRE	1830	0.0	5	LOFSTROM ET AL:1978
VI	5	650.	01	01	004	ANNULAR WHITEWARE	1830	0.0	1	PRICE, 1979:31
VI	5	650.	01	01	004	PLAIN EMBOSSED WHITEWARE	1830	0.0	1	PRICE, 1979:31
IV	5	420.	01	01	004	STENCIL DEC WHTWRE	1820	0.0	9	SOUTH:1971/NOEL HUME:1976
IV	5	420.	01	01	004	UNDEC WHTWRE	1820	0.0	1	SOUTH:1971/NOEL HUME:1976
IV	5	420.	01	01	004	UNDEC WHTWRE	1820	0.0	10	SOUTH 1971
IV	5	420.	01	01	004	UNDEC WHTWRE	1820	0.0	6	SOUTH 1971
IV	5	420.	01	01	004	UNDEC WHTWRE, THIN	1820	0.0	33	SOUTH:1971/NOEL HUME:1976
VI	5	650.	01	01	004	UNDEC WHITEWARE	1820	0.0	1	SOUTH:1972/NOEL HUME:1976
II	5	250.	01	02	002	BRN STNWRE BTLE FRAG	1820	0.0	1	SOUTH 1972
V	5	530.	01	02	002	BR STNWRE BTLE FRAG	1820	0.0	1	MUNSEY:1970
IV	5	420.	03	02	028	WIRE NAIL	1820	30.7	0	
VI	5	650.	03	06	071	CEMENT	1817	0.4	0	MCKEE 1973:68
IV	5	420.	03	06	071	CONCRETE	1817	144.8	0	MCKEE 1973:68
II	5	250.	01	01	004	IRONSTONE (2 MEND)	1813	0.0	4	SOUTH:1971
IV	5	420.	01	01	004	IRONSTONE	1813	0.0	5	SOUTH:1971/NOEL HUME:1976
IV	5	420.	01	01	004	IRONSTONE FRAGS	1813	0.0	4	SOUTH:1971/NOEL HUME:1976
IV	5	420.	01	01	004	IRONSTONE FRAGS	1813	0.0	7	SOUTH:1971/NOEL HUME:1976
V	5	530.	01	01	003	AMRCN RCKNGHM TPT LID/FRG	1812	0.0	7	SPARGO:1974
V	5	530.	01	01	003	AMERICAN ROCKINGHAM	1812	0.0	3	SPARGO 1974

TTR	CMP	CXNO	BR	CL	MAT	COMMENTS	TPB	WEIGHT	COUNT	REF
IV	5	420.	01	01	003	UNDEC CRMWRE	1762	0.0	1	SOUTH:1972/NOEL HUME:1976
VI	5	650.	01	01	003	UNDEC CREAMWARE	1762	0.0	1	SOUTH:1972/NOEL HUME:1976
VI	5	650.	01	01	001	HAND DEC S PST PORCELAIN	1745	0.0	1	SOUTH:1972/NOEL HUME:1976
IV	5	420.	01	01	002	JACKFIELD WARE	1740	0.0	2	SOUTH:1971/NOEL HUME:1976
VI	5	650.	04	04	003	DELFT TILE BUG CORNER	1650	0.0	1	KORF:1981
IA	5	160.	01	01	001	HND PNTD SFTPSTE PORCLN		0.0	1	
IV	5	420.	01	01	001	BONE CHINA CUP HANDLE		0.0	1	
IV	5	420.	01	01	001	UNDEC PORCELAIN		0.0	1	
V	5	530.	01	01	001	DEC SFTPSTE PORC/PNTD RIM		0.0	1	
V	5	530.	01	01	001	UNDEC SFT PSTE PORCELAIN		0.0	1	
II	5	250.	01	01	002	GR SLTGLZD STNWRE/ALBNY S		0.0	1	
IV	5	420.	01	01	002	BR STNWRE/INT SLIP		0.0	2	
IV	5	420.	01	01	002	BUFFOD SLTGLZ STNWR/ALBNY		0.0	1	
IV	5	420.	01	01	002	GREY STNWRE W/ALBANY SLIP		0.0	1	
V	5	530.	01	01	002	GRY STNWRE/ALBANY SLP INT		0.0	1	
VI	5	650.	01	01	002	OTHER BLUE/GRAY STONEWARE		0.0	1	
IV	5	420.	01	01	003	BR GLZD REDWRE		0.0	1	
VI	5	650.	01	01	003	TIN GLAZED EW, BLUE/GREEN		0.0	1	
V	5	530.	01	01	078	BR BTLE GLASS		0.0	2	
V	5	530.	01	01	078	GRN BTLE GLASS-KELLY GRN		0.0	1	
V	5	530.	01	01	078	THIN/AMBR CNTNR GLASS		0.0	1	
IV	5	420.	01	02	002	BUFF STNWRE BOTTLE FRAG		0.0	1	
IV	5	420.	01	02	002	GRY STNWRE CROCK W/BR SLP		0.0	1	
V	5	530.	01	02	005	SARDINE CAN? FRAG		0.0	1	
V	5	530.	01	02	005	TIN CAN FRAG		0.0	1	
VI	5	650.	01	02	005	TIN CAN FRAGS		0.0	2	
I	5	160.	01	02	078	AQUA BTL FRG "LEBKUCHNE"		0.0	1	
I	5	160.	01	02	078	OLIVE BTLE GLASS FRAG/DEV		0.0	1	
IA	5	160.	01	02	078	OCTAGNL GLSS CNTNR		0.0	1	
II	5	250.	01	02	078	CLEAR GRNSH BTLE GLASS		0.0	2	
II	5	250.	01	02	078	DK GR BTLE BASE W/ KICKUP		0.0	1	
II	5	250.	01	02	078	DK GR BTLE GLASS		0.0	1	
II	5	250.	01	02	078	DK GR BTLE RIM & NECK		0.0	1	
II	5	250.	01	02	078	GR BTLE GLASS		0.0	1	
II	5	250.	01	02	078	MILK BTLE? LT GR		0.0	1	
II	5	420.	01	02	078	BEER BTLE,MLD AD,JREIMERS		0.0	1	
IV	5	420.	01	02	078	BL BTL GLSS/TRTD W/ B72		0.0	1	
IV	5	420.	01	02	078	BL BTLE GLASS		0.0	1	
IV	5	420.	01	02	078	CLEAR BTLE GLASS		0.0	4	
IV	5	420.	01	02	078	CLEAR BTLE GLASS		0.0	4	
IV	5	420.	01	02	078	CLEAR TABLE GLASS RIM		0.0	1	
IV	5	420.	01	02	078	CLEAR-GRNSH BTLE GLSS RIM		0.0	1	
IV	5	420.	01	02	078	CLR BTLE GLASS/TRTD B72		0.0	1	
IV	5	420.	01	02	078	CLR MLDED CNDMNT JAR BASE		0.0	2	
IV	5	420.	01	02	078	DK GR BTLE GLASS		0.0	1	
IV	5	420.	01	02	078	DK GR BTLE GLASS		0.0	2	
IV	5	420.	01	02	078	GOBLET STEM		0.0	1	
IV	5	420.	01	02	078	GR/CLEAR BTLE GLASS/"IND"		0.0	1	
IV	5	420.	01	02	078	GREEN BTLE GLASS		0.0	1	
IV	5	420.	01	02	078	LEAD GLASS FRAG		0.0	1	
IV	5	420.	01	02	078	LT GR BTLE GLASS		0.0	2	
IV	5	420.	01	02	078	LT GREEN BTLE GLASS		0.0	2	
IV	5	420.	01	02	078	THIN CLEAR GLASS (VIAL?)		0.0	1	
V	5	530.	01	02	078	AQUA BTLE GLASS		0.0	4	
V	5	530.	01	02	078	BR BTLE GLASS		0.0	2	
V	5	530.	01	02	078	CLEAR BTLE GLASS		0.0	14	

TTR	CMP	CINO	GR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
V	5	530.	01	02	078	CLEAR BTLE GLASS		0.0	8	
V	5	530.	01	02	078	CLR BTLE GLAS W/ WTE DEC		0.0	2	
V	5	530.	01	02	078	CLR GLASS/CNDMNT JAR/FCTD		0.0	1	
V	5	530.	01	02	078	DK GR BTLE GLASS		0.0	3	
V	5	530.	01	02	078	LIME GRN BTLE GLASS		0.0	3	
V	5	530.	01	02	078	OLIVE GR BTLE GLASS		0.0	10	
VI	5	650.	01	02	078	OLIVE BOTTLE GLASS		0.0	1	
VI	5	650.	01	02	078	AQUA BOTTLE GLASS		0.0	3	
VI	5	650.	01	02	078	DARK GREEN BOTTLE BASE		0.0	1	
VI	5	650.	01	02	078	BROWN BOTTLE GLASS		0.0	2	
II	5	250.	01	02	092	CORK CLOSURE		0.0	1	
V	5	530.	01	03	032	STEAK KNIFE/PLSTC HNDL		0.0	1	
II	5	250.	02	01	017	MAMMAL BONE		0.0	1	
IV	5	420.	02	01	017	MAMMAL BONE FRAG		0.0	1	
IV	5	420.	02	01	017	MAMMAL BONE		0.0	3	
IV	5	420.	02	01	017	MAMMAL BONE		0.0	2	
V	5	530.	02	01	017	BUTCHERED BONES		0.0	4	
V	5	530.	02	01	017	MAMMAL BONE		0.0	3	
IV	5	420.	03	01	078	CLEAR WNDW GLASS		0.0	1	
IV	5	420.	03	01	078	WNDW GLASS		0.0	1	
IV	5	420.	03	01	078	WNDW GLASS		0.0	30	
IV	5	420.	03	01	078	WNDW GLASS/TRTDB72		0.0	6	
V	5	530.	03	01	078	AQUA WNDW GLASS		0.0	8	
V	5	530.	03	01	078	CLEAR WNDW GLASS		0.0	10	
V	5	530.	03	01	078	LT GR FLAT GLASS		0.0	23	
V	5	530.	03	01	078	OLIVE FLAT GLASS		0.0	2	
V	5	530.	03	01	078	WNDW GLASS		0.0	6	
VI	5	650.	03	01	078	AQUA WINDOW GLASS FRAGS		0.0	3	
VI	5	650.	03	01	078	WINDOW PANE GLASS, DEVIT.		0.0	11	
II	5	250.	03	02	028	NAIL W/FE CONCRETIONS		0.0	1	
IV	5	420.	03	02	028	FE NAIL		0.0	1	
IV	5	420.	03	02	028	FE NAILS		0.0	3	
IV	5	420.	03	02	028	IRON NAILS		0.0	7	
IV	5	420.	03	02	028	IRON NAILS W/SLAG/FE CONC		0.0	10	
IV	5	420.	03	02	028	NAILS		0.0	12	
V	5	530.	03	02	028	IRON NAILS W/ SLAG		0.0	17	
V	5	530.	03	02	028	NAILS		0.0	19	
VI	5	650.	03	02	028	IRON NAIL		0.0	1	
IV	5	420.	03	03	028	SPIKE		0.0	1	
IV	5	420.	03	03	028	SPIKE W/FE SLAG CNCRTIONS		0.0	1	
V	5	530.	03	03	028	IRON SPIKE		0.0	1	
VI	5	650.	03	03	028	IRON SPIKE		0.0	1	
IA	5	160.	03	03	069	BUFF BRICK		65.5	0	
VI	5	650.	03	05	003	WALL SKIRTING TILE		0.0	1	
IV	5	420.	03	05	038	LGE. BOLT DR SCREW		0.0	1	
IV	5	420.	03	06	006	BURNT WOOD FRAGS		0.0	5	
V	5	530.	03	06	006	WOODEN PLANK FRAGS(FENCE?)		0.0	16	
VI	5	650.	03	06	028	IRON PIPE FRAG		0.0	1	
IV	5	420.	03	06	039	SANDSTONE		1180.5	0	
IV	5	420.	03	06	040	BURNT SLATE		3.0	0	
IV	5	420.	03	06	040	SLATE - GREY		123.6	0	
II	5	250.	03	06	069	BRICK/"OOKLYN BRICK WORKS		1907.6	0	
IV	5	420.	03	06	069	BRICK		530.3	0	
IV	5	420.	03	06	069	BRICK W/ FE & MORTAR		809.2	0	
IV	5	420.	03	06	069	BURNED BRICK		21.1	0	
IV	5	420.	03	06	069	BURNT BRICK		877.5	0	

TTR	CHP	CXNO	GR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
IV	5	420.	03	06	069	RED BRICK		1015.7	0	
IV	5	420.	03	06	069	RED BRICK		91.7	0	
V	5	530.	03	06	069	BRICK		443.3	0	
V	5	530.	03	06	069	BURNED BRICK		47.0	0	
V	5	530.	03	06	069	BURNT BRICK W/MORTAR		1321.1	0	
V	5	530.	03	06	069	RED BRICK		88.7	0	
VI	5	650.	03	06	069	RED BRICK (WHOLE)		1970.0	0	
IV	5	420.	03	06	070	MORTAR		1.0	0	
IV	5	420.	03	06	070	MORTAR		1.5	0	
IV	5	420.	03	06	070	MORTAR		1.7	0	
IV	5	420.	03	06	070	MORTAR		2.4	0	
IV	5	420.	03	06	070	MORTAR OR BRICK?		185.8	0	
VI	5	650.	03	06	070	MORTAR		4.2	0	
V	5	530.	03	06	093	ASPHALT		0.0	2	
V	5	530.	03	06	131	GR PNTD FBRDRD		0.0	1	
II	5	250.	04	03	078	WHITE CHIMNEY GLASS		0.0	1	
V	5	530.	04	12	101	GR LINOLEUM		0.0	1	
V	5	530.	04	12	104	CARPET PADDING FRAG		0.0	1	
V	5	530.	04	12	104	RED CARPET/SYNTHETIC FIBR		0.0	1	
II	5	250.	06	01	015	LEATHER HEEL		0.0	1	
II	5	250.	06	01	015	LEATHER SHOE PARTS		0.0	2	
IV	5	420.	06	01	106	FELT		0.0	12	
IV	5	420.	06	01	106	FELT SCRAPS		0.0	19	
IV	5	420.	06	01	106	FELT SCRAPS		0.0	24	
IV	5	420.	06	04	078	GLASS BUTTON		0.0	1	
V	5	530.	07	04	078	NECK OF PRFME BTLE OR JAR		0.0	1	
V	5	530.	08	01	003	RD CLY PIPE STM FRG-AMRCN		0.0	1	
IV	5	420.	08	01	062	PIPE STEM FRAGS 5/64"		0.0	1	
IV	5	420.	08	01	062	STM OF MLDED PIPE; 4/64"		0.0	1	
V	5	530.	08	01	062	PIPESTEM FRAG 5/64"		0.0	1	
VI	5	650.	08	01	062	19TH C. PIPEBOWL FRAGS		0.0	2	
VI	5	650.	08	01	062	19TH C. PIPESTEM FRAG		0.0	1	
IA	5	160.	09	09	089	CLAM SHELL		0.3	0	
IA	5	160.	09	09	089	OYSTER SHELL		2.0	0	
II	5	250.	09	09	089	CLAM SHEL FRAG		3.7	0	
IV	5	420.	09	09	089	CLAM SHELL		1.7	0	
V	5	530.	09	09	089	CLAM SHELL		0.9	0	
V	5	530.	09	09	089	MUSSEL SHELL		1.1	0	
V	5	530.	09	09	089	OYSTER SHELL		6.3	0	
VI	5	650.	09	09	089	SNAIL SHELL		0.5	0	
VI	5	650.	09	09	089	OYSTER SHELL		0.0	1	
IV	5	420.	09	09	119	CORAL BRANCH		10.3	0	
VI	5	650.	09	11	026	CU ALLOY STAPLE		0.0	2	
VI	5	650.	09	11	026	MISC. HARDWARE, COPPER		0.0	1	
IV	5	420.	09	11	028	MISC IRON HRDWRE		0.0	2	
VI	5	650.	09	11	073	CARBON ELECTRODE		0.0	1	
VI	5	650.	09	11	078	CAR WINDOW GLASS		0.0	1	
IV	5	420.	09	12	002	STNWR CRUCIBLE?SMLTNG CU?		0.0	2	
IV	5	420.	09	12	003	SEWER PIPE FRAG		0.0	1	
IV	5	420.	09	12	026	FE SLAG W/ CNCRTION		10.6	0	
V	5	530.	09	12	026	SCRAP CU ALLOY		0.0	2	
IA	5	160.	09	12	028	FERROUS SLAG W/ ASH		1.7	0	
IV	5	420.	09	12	028	FE SLAG CONCRETIONS		227.3	0	
IV	5	420.	09	12	028	FE SLAG CONCRETIONS		351.7	0	
IV	5	420.	09	12	028	FERROUS SLAG		0.0	20	
IV	5	420.	09	12	028	FERROUS SLAG CONCRETIONS		145.7	0	

TTR	CMP	CXNO	GR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
V	5	530.	09	12	028	FERROUS CONCRETIONS		71.2	0	
V	5	530.	09	12	028	FERROUS SLAG		55.1	0	
IV	5	420.	09	12	078	CARBON ROD		0.0	1	
IV	5	420.	09	12	078	GLASS TUBING SECTION		0.0	1	
IV	5	420.	09	12	095	BURNED COAL		53.5	0	
IV	5	420.	09	12	095	BURNED COAL		3.0	0	
IV	5	420.	09	12	095	BURNT COAL		164.5	0	
IV	5	420.	09	12	095	BURNT COAL		6.4	0	
IV	5	420.	09	12	095	BURNT COAL		4.5	0	
IV	5	420.	09	12	095	BURNT COAL ASH		9.8	0	
IV	5	420.	09	12	095	COAL		36.0	0	
IV	5	420.	09	12	095	COAL		15.3	0	
IV	5	420.	09	12	095	COAL		8.0	0	
IV	5	420.	09	12	095	COAL		3.7	0	
IV	5	420.	09	12	095	COAL		39.2	0	
V	5	530.	09	12	095	BURNED COAL		81.5	0	
V	5	530.	09	12	095	COAL		0.2	0	
V	5	530.	09	12	095	COAL		106.0	0	
IV	5	420.	09	12	112	CLINKER		5.3	0	
IV	5	420.	09	12	112	INDUSTRIAL SLAG		420.9	0	
IV	5	420.	09	12	112	INDUSTRIAL SLAG		15.0	0	
IV	5	420.	09	12	112	INDUSTRIAL SLAG		30.7	0	
V	5	530.	09	12	112	BLACK VITREOUS SLAG		50.2	0	
V	5	530.	09	12	112	INDUSTRIAL SLAG		152.8	0	
V	5	530.	09	12	112	INDUSTRIAL SLAG		90.0	0	
IV	5	420.	09	15	003	LRGE SEWER PIPE FRAGS		0.0	9	
IV	5	420.	09	15	003	REDWRE BOXTILE FRAG		0.0	1	
IV	5	420.	09	16	006	TWIG		0.0	1	
IV	5	420.	09	16	006	TWIG/BRANCH		0.0	1	
II	5	250.	09	16	121	COCONUT SHELL		0.0	1	
IV	5	420.	98	00	006	BURNT WOOD		0.0	1	
IV	5	420.	98	00	006	WOOD		0.0	7	
IV	5	420.	98	00	006	WOOD FRAG W/ GR PAINT		0.0	1	
IV	5	420.	98	00	006	WOODEN STAKE FRAGS		0.0	2	
V	5	530.	98	00	006	WOOD FRAG		0.0	1	
V	5	530.	98	00	006	WOOD PRSRVD IN IRON CRSM		0.0	1	
V	5	530.	98	00	015	LEATHER FRAG		0.0	1	
VI	5	650.	98	00	017	WORKED BONE		0.0	2	
V	5	530.	98	00	026	COPPER FRAGS		0.0	2	
IV	5	420.	98	00	028	FE FRAGS		0.0	2	
IV	5	420.	98	00	028	METAL (FE) FRAGS		0.0	4	
IV	5	420.	98	00	034	LEAD		0.0	1	
IV	5	420.	98	00	053	WHITE QUARTZ		5.2	0	
V	5	530.	98	00	053	WHITE QUARTZ		140.4	0	
V	5	530.	98	00	071	CEMENT CONCRETION		38.7	0	
IV	5	420.	98	00	104	STRING W/ FELT BITS		0.0	1	
IV	5	420.	98	00	147	SILTSTONE/GREEN		95.6	0	
							13334.8	656		

Sun

TTR	CMP	CIND	GR	CL	MAT	COMMENTS	TPQ	WEIGHT	COUNT	REF
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Sum

Number of Observations: 830

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