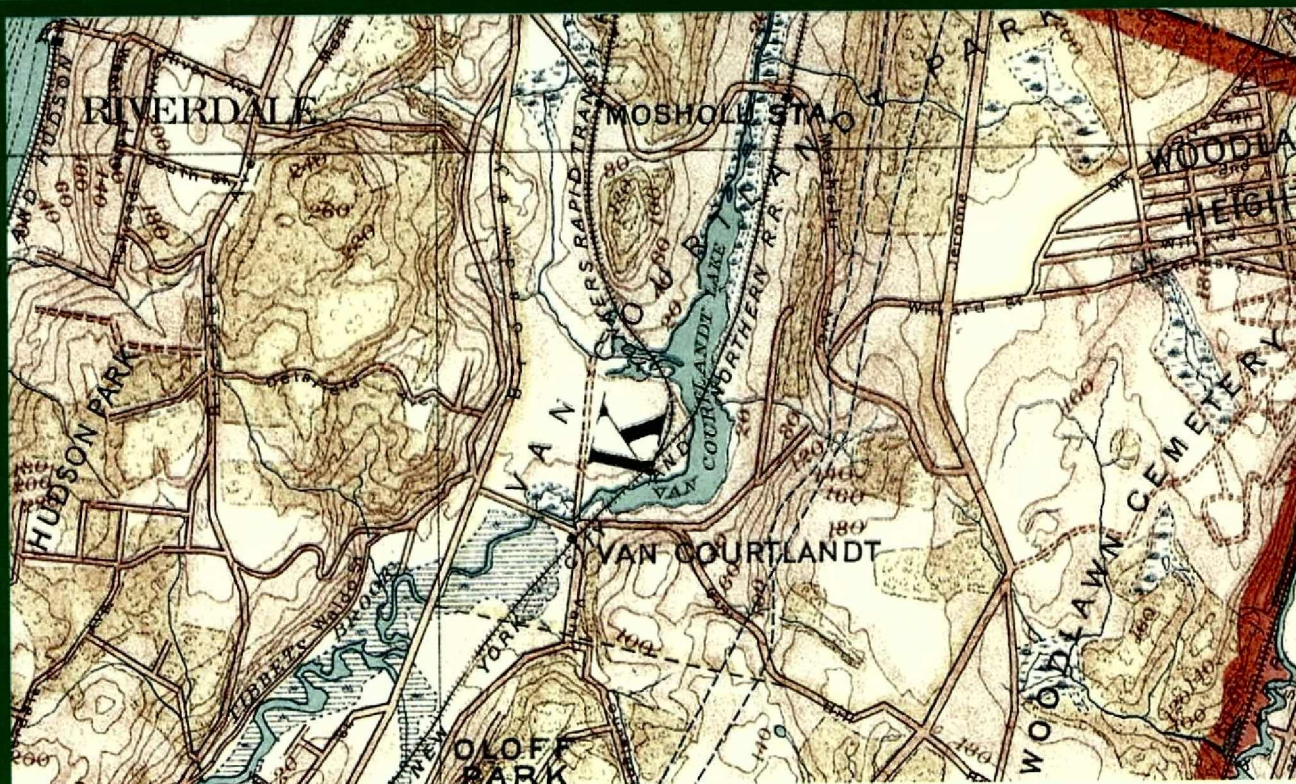


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JMA
2007



VAN CORTLANDT PARK PARADE GROUND
PHASE 1A ARCHEOLOGICAL INVESTIGATION
BOROUGH OF THE BRONX, NEW YORK



Prepared for
ABEL BAINNISON & BUTZ
NEW YORK, NEW YORK

and

THE NEW YORK CITY
DEPARTMENT OF PARKS & RECREATION

By

JOHN MILNER ASSOCIATES, INC.
CROTON-ON-HUDSON, NEW YORK

JMA architects
archeologists
planners
John Milner Associates, Inc.

NOVEMBER 2007

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**VAN CORTLANDT PARK PARADE GROUND
PHASE 1A ARCHEOLOGICAL INVESTIGATION
BOROUGH OF THE BRONX
NEW YORK, NEW YORK**

PREPARED FOR:

**ABEL BAINNISON & BUTZ
80 EIGHTH AVENUE
NEW YORK, NEW YORK**

AND

**THE NEW YORK CITY
DEPARTMENT OF PARKS & RECREATION
PROJECT ID#: X092-107M**

BY:

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CROTON-ON-HUDSON, NEW YORK 10520**

NOVEMBER 2007

SHPO MANAGEMENT SUMMARY

SHPO Project Review Number (if available): None

Involved State and Federal Agencies: New York City Department of Parks and Recreation

Phase of Survey: Phase 1A Archeological Assessment

Location Information

 Location: Van Cortlandt Park Parade Ground

 County: Borough of the Bronx

Survey Area: 62 acres

 Length:

 Width:

 Number of Acres surveyed:

USGS 7.5 Minute Quadrangle Map: 1966 Yonkers, NY-NJ

Archeological Survey Overview:

 Number & interval of shovel tests: N/A

 Number and size of units: N/A

 Width of plowed strips: N/A

 Surface Survey Transect Interval: N/A

Results of Archeological Survey:

 Number/name of pre-contact sites identified:

 Number/name of historic sites identified:

 Sites recommended for Phase II/avoidance:

Results of Architectural Survey

 Buildings/structures/cemeteries within the Project Area:

Number of buildings/structures/cemeteries adjacent to the Project Area:

 Numerous, dense urban area

Number of Previously determined NEHP listed or eligible buildings/structure cemeteries/districts:

 Project Area is a NRHP-listed property that includes Van Cortlandt Manor and surrounding property within Project boundaries.

Number of identified eligible buildings/structures/cemeteries/districts: N/A

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Patrick J. Heaton, RPA
Joel I. Klein, Ph.D., RPA

Date of Report: November 2007

JMA MANAGEMENT SUMMARY

John Milner Associates, Inc. (JMA) conducted a Phase 1A archeological investigation of the Van Cortlandt Park Parade Ground on behalf of Abel, Bainnson and Butz, LLP, for the City of New York Department of Parks and Recreation, Capital Projects Division, Project ID #X092-107M. The Van Cortlandt Park Parade Ground (the Project Area) is situated within Van Cortlandt Park, located east of Broadway, south of the Mosholu Parkway and North of West 246th Street, in the Borough of the Bronx, New York. The Van Cortlandt manor house, located just south of the Parade Ground, is both a New York City Landmark and a National Historical Landmark and is listed on the National Register of Historic Places.

The proposed reconstruction of the Van Cortlandt Park Parade Ground includes the installation of new drainage and irrigation systems, and also include some grading and filling for the reconstruction of existing soccer, baseball and other recreational facilities (the Project). The Phase 1A study placed special emphasis on the portions of the Project Area that: a) lie within a previously documented Native American Late Woodland/Contact period village site; b) areas where archeological deposits may have been preserved by being buried during earlier construction and grading activities; and c) have the potential to contain features associated with map documented structures (MDS) that were located within the Parade Ground during the nineteenth-century.

The Phase 1A archeological investigation included: 1) historic document research of the Parade Ground Project Area; 2) a review of historic cartographic maps; 3) a review of previous archeological and historical studies conducted within the Parade Ground; 4) a sensitivity assessment; and 5) a GIS-based topographical map analysis. The GIS analysis documented the temporal sequence of filling, cutting, and grading activities that have occurred within the Project Area, and resulted in a map that depicts the approximate depth of the fill material deposited across the Parade Ground.

JMA personnel also conducted archeological monitoring of three geotechnical test pits excavated by Aquifer Drilling & Testing, Inc. on August 15, 2007. The test pits were placed at various locations within the Parade Ground. Each test pit was excavated by backhoe, and was generally 6 m (2 ft) long by 3 m (10 ft) deep. The stratigraphic profiles observed in the test pits suggest that there is between 1.5 and 3 m (5 and 10 ft) of fill material overlying glacial sands, gravels and cobbles.

The Phase 1A archeological assessment determined that the Project Area has the potential to contain both prehistoric and historic-period cultural material and features associated with the Native American village site and later map-documented structures formerly located within the Parade Ground. Cultural resources investigations previously conducted in Van Cortland Park have documented that the area east of the manor house, in the vicinity of the tennis courts, has been disturbed by the ca. 1889-90 original construction of the Parade Ground. Elsewhere within the Parade Ground buried historic and prehistoric features have been identified. Intact Native American burials were also removed from within the Parade Ground during excavations conducted ca. 1890.

In the opinion of JMA, a Phase 1B archeological survey should be conducted within archeologically sensitive areas that will be affected by proposed park reconstruction work. Archeologically sensitive areas within the Project Area include areas that: 1) have been determined to contain less than 10 ft of fill; 2) are located near the previously recorded Native American village site, and/or; 3) are located in the vicinity of map-documented structures. Generally, these areas are located in the southwestern and south-central portions of the Parade Ground.

Because traditional shovel testing would not likely extend below the depth of fill material in many areas, a phased approach to the Phase 1B survey is recommended. The first phase should include hand-auguring or small mechanically-excavated test pits across the archeologically sensitive areas to determine the depth of fill. Once the depth of fill in the sensitive areas is determined, the second phase of work should include mechanical stripping of fill material followed by systematic shovel testing.

TABLE OF CONTENTS

SHPO Management Summary
JMA Management Summary

List of Figures
List of Photographs
List of Tables
Acknowledgments

1.0	INTRODUCTION.....	1
1.1	Purpose and Goals of the Investigation.....	1
1.2	Project Location and Description.....	1
2.0	BACKGROUND RESEARCH.....	2
2.1	Geology and Soils.....	3
2.2	Previously Recorded Cultural Resources.....	3
2.2.1	State Site Files.....	3
2.2.2	National Register of Historic Places.....	5
2.3	History of the Project Area.....	5
2.4	Previous Archeological Research.....	8
2.5	Existing Conditions.....	8
3.0	ARCHEOLOGICAL SENSITIVITY ASSESSMENT.....	10
3.1	Prehistoric-Period Archeological Sensitivity.....	10
3.2	Historic-Period Archeological Sensitivity.....	10
3.2.1	Cartographic Analysis.....	11
3.3	Historic Landscape Change Mapping (GIS Mapping).....	12
3.3.1	Methods.....	13
3.3.2	Mapping Source Limitations.....	13
3.3.3	GIS Results.....	13
3.4	Prior Ground Disturbance.....	13
4.0	CONCLUSIONS AND RECOMMENDATIONS.....	15
4.1	Summary and Conclusions.....	15
4.2	Recommendations.....	15
5.0	REFERENCES CITED.....	17

Figures
Photographs

Appendix A: Inventory of Human Remains Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

Appendix B: Inventory of Artifacts Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

LIST OF FIGURES

- Figure 1. USGS (1966) Yonkers, NY-NJ 7.5-minute quadrangle map showing the location of the Van Cortlandt Park Parade Grounds Project Area.
- Figure 2. Project map of the Parade Ground showing the locations of geologic test pits and photographic views referenced in the report.
- Figure 3. The 1889-90 hand-drawn location map of the Van Cortlandt Site (NYSM 2823) by J. B. James.
- Figure 4. Detail of Parker's (1922:Map VII,A) *The Northwestern part of the Borough of the Bronx, From Williamsbridge to the Boundary of the City, and parts of Yonkers, Bronxville, Mount Vernon and Eastchester*, showing the location of the Westchester Indian Path, and the Keskiskick (Mosholu) site.
- Figure 5. Detail of the Parker (1920) map of the Van Cortlandt Lake site (after W.R. Blackie) showing the location of the site within the Van Cortlandt Park Parade Ground Project Area.
- Figure 6. Beer's (1868) *Atlas of New York and vicinity Town of Yonkers, Westchester County, N.Y.*, showing the location of the Parade Ground Project Area.
- Figure 7. Detail of the New York State Department of Public Parks (1874) *topographic map of Westchester County, New York* showing existing topography and hydrology of the Parade Ground Project Area.
- Figure 8. The Bien (1890) map of *Long I. Sound-Westchester North to Mount Vernon South to Queens*, showing existing topography and hydrology within the Parade Ground Project Area.
- Figure 9. Detail of the USGS (1891) *Harlem, New York* 15-minute quadrangle map showing the existing structures, topography and hydrology of the Parade Ground Project Area.
- Figure 10. Bromley's (1893) *Atlas of the City of New York 23rd and 24th Wards*, showing the location of the Parade Ground Project Area.
- Figure 11. Hyde's (1900) map of *the Borough of the Bronx City of New York*, showing the existing conditions within the Parade Ground Project Area.
- Figure 12. Detail of the 1907 Meuller *Atlas of the City of Yonkers* showing the newly constructed Parade Ground.
- Figure 13. Detail of the (1895) *Street Improvement Map or Plan of Section 27* in the 23rd and 24th Wards, showing existing topographical conditions within the Parade Ground Project Area.
- Figure 14. City of New York Parks and Recreation (1934) topographic survey map of *the Van Cortlandt Park Parade Ground* Project Area, showing existing topographic conditions.
- Figure 15. City of New York Parks and Recreation (1982) topographic survey map of *the Van Cortlandt Park Parade Ground*, showing existing topographic conditions.

- Figure 16. Project map illustrating changes in the topography of the Parade Ground overtime.
- Figure 17. Project map illustrating the approximate depth of fill material, the locations of former hydrologic features and structures within the Parade Ground Project Area.
- Figure 18. Project map illustrating archeologically sensitive areas recommended for Phase IB survey.

LIST OF PHOTOGRAPHS

- Photograph 1. Stratigraphy observed in geologic Test Pit 1, view to the west.
- Photograph 2. The location of geologic Test Pit 1 in the northern portion of the Parade Ground, view to the south.
- Photograph 3. The location of geologic Test Pit 2, view to the west.
- Photograph 4. The stratigraphy observed in geologic Test Pit 2, view to the east.
- Photograph 5. The location of geologic Test Pit 3, view to the south.
- Photograph 6. Stratigraphy observed in geologic Test Pit 3, view to the south.
- Photograph 7. The Van Cortlandt Park Parade Ground playing fields, view to the northwest.
- Photograph 8. The Van Cortlandt Park Parade Ground from Van Cortlandt manor house, view to the north.
- Photograph 9. The paved walkway/ track along the eastern side of Van Cortlandt Park Parade Ground, view to the northwest.
- Photograph 10. The Van Cortland Park Parade Ground, view to the south.
- Photograph 11. View of the Parade Ground from Vault Hill, view to the southwest.

LIST OF TABLES

Table 1. Soils within the Project Area.....	2
Table 2. Previously recorded Native American sites within one mile of Van Cortlandt Park Parade Grounds Project Area.	3

ACKNOWLEDGMENTS

JMA extends our thanks to several individuals for helping in the compilation of this report. Mr. Daniel Pagano of the City of New York Landmarks Preservation Commission provided JMA with access to previously conducted cultural resource reports and a list of maps relevant to the Parade Ground Project Area. Mr. Lance Heidig, Reference and Instruction Librarian at Cornell University' Olin Library also provided valuable information regarding the 1890 excavations conducted by J.B. James on the Parade Ground in 1890. The staff at the Carl A. Kroch Library at Cornell University also provided access to the historic cartographic documents housed at the library. JMA Also thanks David H. Thomas and Anibal Rodriguez of the New York Museum of Natural History for providing the catalogs of human remains and artifacts recovered from the site. JMA also thanks our production and graphics staff for their contributions towards the completion of this report.

1.0 INTRODUCTION

1.1 PURPOSE AND GOALS OF THE INVESTIGATION

JMA conducted a Phase 1 archeological resources investigation of the Van Cortlandt Park Parade Ground on behalf of Abel, Bainnson and Butz, LLP, for the City of New York Department of Parks and Recreation, Capital Projects Division, Project ID #X092-107M. The City of New York has proposed to create a state of the art recreational facility within the Van Cortlandt Park Parade Ground. The Project will include the installation of a new drainage and irrigation system, and cutting and filling the existing fields for the construction of new soccer, baseball and track facilities on the property (the Project). This report is intended to assist the City of New York Department of Parks and Recreation in complying with its obligations for the City of New York environmental quality review (CEQR) and Section 106 of the National Historic Preservation Act (NHPA).

All work for the project was completed in accordance with the Secretary of the Interior's *Standards and Guidelines for Archeology and Historic Preservation*, and the New York Archeological Council's (NYAC) *Standards for Cultural Resources Investigations and the Curation of Archeological Collections in New York State*. This report was prepared in accordance with the guidelines presented in the New York State Historic Preservation Office (SHPO) *Phase I Archaeological Report Format Requirements* issued by the New York SHPO in April 2005.

1.2 PROJECT LOCATION AND DESCRIPTION

The Van Cortlandt Park Parade Ground is located within Van Cortlandt Park, just north of the National Register listed Van Cortlandt manor house. The property is located in the Borough of the Bronx, east of Broadway, south of the Henry Hudson Parkway and Mosholu Parkway, and north of west 246th Street in the Bronx, New York (Figure 1).

The Van Cortlandt Park Parade Ground is 62 acres in size (Figure 2). Currently facilities within the Parade Ground include an asphalt track that extends around the perimeter of the Park, between six and eight soccer and/or football fields, six little league baseball and/or softball fields, and 12 cricket fields. Project plans include the installation of new drainage and irrigation systems, and filling and grading of the Parade Ground for construction of new athletic fields. The irrigation system will be designed with two to three water supply sources including well(s), the City water supply system, and/or the Van Cortlandt Park Lake which is located at the southeastern end of the Parade Ground. Although the proposed layout and design for the placement of the drainage and irrigation system have not yet been completed, the depth of disturbance associated with the Project is anticipated to be up to 2 m (7 ft) for the drainage system and approximately 1 m (3 ft) for the irrigation system. The location and depth of anticipated grading is also unknown.

2.0 BACKGROUND RESEARCH

The goals of the Phase 1A literature and records search conducted for Van Cortlandt Park Parade Ground were to: 1) conduct a review and analysis of previous historic research and archeological work conducted on the Parade Ground property; 2) collect information about the environmental and physical nature of the Project Area; 3) develop a prehistoric and cultural context; and 4) determine if a Phase 1B archeological survey is warranted prior to the initiation of the rehabilitation Project. Sources consulted as part of this investigation included the City of New York Landmarks Preservation Commission, the Carl A. Kroch Library at Cornell University, the map collection at the New York Public Library, the Bronx Historical Society, the Society of Colonial Dames within the Van Cortlandt Museum, the combined archeological site files of the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) and the New York State Museum (NYSM), previous cultural resource management (CRM) reports, written and cartographic documents relating to past and present environmental conditions, and the recorded histories of Westchester County and the Bronx.

2.1 GEOLOGY AND SOILS

The Bronx is part of the coastal lowland section of the Manhattan Prong sub province of the New England Uplands physiographic province (Isachsen et al. 2000; Van Diver 1985). The Manhattan Prong includes the island of Manhattan, the Bronx, Westchester County, and part of Putnam County. It is made up of Precambrian and Lower Paleozoic gneiss, schist, limestone, and marble. Vault Hill in Van Cortlandt Park is an outcrop of Yonkers granite (Schuberth 1968). The elevation of the coastal lowland section of the Manhattan Prong is generally between 20 and 25 feet above mean sea level (a.m.s.l.).

JMA reviewed the New York City Soil Survey (2005) for data concerning soils located within the Project Area. The soils recorded within the Van Cortlandt Park Parade Ground are characterized as Greenbelt-Pavement & buildings, 0 to 8 percent slopes. These soils are described as:

Nearly level to gently sloping areas that have been filled with natural soil materials for athletic fields or roadways; anthropogenic soils with 15 to 49 percent of the surface covered by impervious pavement and buildings (NYC Soil Staff 2005:14).

The Greenbelt series is loamy fill that is greater than 40 inches deep, and is located in urban fill plains. These soils are characterized as very deep, well drained silt loam, loam, or sandy loam. Table 1 illustrates the typical soil profile for Greenbelt soils. No soil survey map is available for the Project Area.

Table 1. Soils recorded within the Van Cortlandt Park Parade Ground Project Area.

Name	Soil Horizon and Depth cm (in)	Color	Texture	Drainage
Greenbelt Series	A: 0-7 (0-3) Bw: 7-33 (3-13) C: 33-144 (13-57) Ab: 144-147 (57-58) Bwb: 147-165 (58-65)	7.5YR 4/4 5YR 4/6 2.5YR 4/4 7.5YR 3/2 5YR 4/6	Loam Loam Gravelly loam Loam Loam	Well drained

2.2 PREVIOUSLY RECORDED CULTURAL RESOURCES

2.2.1 State Site Files

The consolidated site files at the OPRHP and the NYSM were consulted for pertinent information regarding previously recorded archeological sites within one mile of the Van Cortlandt Park Parade Ground Project Area. JMA also reviewed CRM reports written for projects previously conducted within Van Cortlandt Park (i.e., Bankoff 1991, Bankoff et al. 1992; Boesch 1996; HPI 1998a, 1998b; LBG 1985, 1987; Ricciarde 1997; Rothschild and Matthews, 1993; Storch 1984, 1986; and Wilde 2003) to identify areas within the Parade Ground that have been previously tested and either have the potential to contain intact archeological deposits, or have identified areas which have been disturbed by prior construction activities. There are eleven Native American sites located within one mile of the Van Cortlandt Park Parade Ground Project Area (Table 2).

Table 2. Previously recorded Native American sites within one mile of the Parade Ground Project Area.

Site Identifier	Site Name	Distance	Time Period	Site Type
NYSM 2823	ACP Bronx 1A	Within Project Area	Late Woodland possibly Contact	Village
NYSM 2837	ACP Bronx 15 no information	1 mile	Unknown prehistoric	Camp
NYSM 2839	ACP Bronx 17	1 mile	Prehistoric-contact	Village
NYSM 4056	ACP NYRK 6A	Within Project Area	Prehistoric/contact	Indian path
NYSM 4057	ACP NYRK 7 no information	1946 feet	Unknown prehistoric	Shell Midden
NYSM 4058	ACP NYRK 8 no information	4899 feet	Unknown prehistoric	Shell Midden
NYSM 5321	ACP no information	4988 feet	Unknown prehistoric	Traces of occupation
NYSM 5322	ACP no information	1 mile	Unknown Prehistoric	Traces of occupation
NYSM 7725	ACP no information	1 mile	Unknown prehistoric	Burial site
NYSM 7727	ACP BRNX 1B	Within Project Area	Unknown prehistoric	Camp fire pits
NYSM 7729	Chapel Farm II	3733 ft	Unknown prehistoric	Workshop/quarry
A005.01.0000791				
A005.01.0068	Flake Site	1 mile	Unknown prehistoric	Camp

The Van Cortlandt Park Parade Ground Project Area contains a Late Woodland and possible Contact Period village site (NYSM 2823/ACP Bronx 1A), a camp with fire pits (NYSM 7727/ACP Bronx 1B), and an Indian path (NYSM 4056). The village site (NYSM 2823) was excavated in 1889-1890 by John Bradley James, Jr. of Riverdale. These excavations documented a "substantial Native American settlement extending over 14 acres"; the excavations also resulted in the recovery of "thirteen intact skeletons found on the Parade Ground [that were donated] to the Museum of Natural History in New York" (Wilde 2003:10). James's original site map (Figure 3) was examined at the Carl A. Kroch Library at Cornell University. The Kroch Library holdings also include a manuscript entitled *Notes on Discoveries & Indian Aboriginal Objects with Locations of Discovery, Collected by W.L. Calver, with some Collected in 1906-7-8-9 by W.L.C. and R.P. Bolton* (Calver 1909). A list of artifacts provided in the manuscript references the artifacts recovered from excavations at Van Cortlandt Park. The artifacts listed in the Calver-Bolton manuscript include: seven arrow points, a spear point, a hoe, an adze, and the end of a pestle. The origin of this information is unknown. Historic accounts also indicate that both human and dog burials were also recovered from the site by James.

JMA contacted the Anthropology Department at the American Museum of Natural History (AMNH) to inquire whether their collections included the human remains and/or artifacts recovered by James during the ca. 1890s excavations. Complete inventories of the human remains and artifacts recovered from the Van Cortlandt Park Parade Ground in the AMNH collection are included as Appendices A and B of this report.

This site was subsequently documented in inventories of the archeological sites in New York City (i.e., Beauchamp 1900; Bolton 1920, 1922; Parker 1920; Skinner 1920) and documented by Parker (1920:448). The Bolton (1922; Figure 4) and Parker (1920: Figure 5) maps show the reported locations of the village site (NYSM 2823) and shell pits (NYSM 7727). A comparison between the 1889-1890 James map (Figure 3) and the 1920 Parker map (Figure 5) of the location of the site is informative as it illustrates the discrepancies in later (Parker) reports of the site. James' site map places the site west and north of the manor house, while Parker places the Van Cortlandt manor house within the site area. James' map also shows details of the former stream channel that flowed through the field and a farm house north of the site. Although James' field notes were not located during this research, there are many descriptions of the site in historical documents, newspaper accounts, and previous cultural resources inventories (e.g. Boesch 1996; Ultan 1984; Wilde 2003).

Bolton (1920:307.) describes the site as follows:

"containing shell-pits and burial-sites explored by J. B. James in 1890. Many traces of Indian occupation were recorded at this site including food pits, human burials and dog burials, pottery and stone artifacts"

In 1922, Bolton wrote the following description of the site:

"An important village-site on the west bank of Mosholu (Tibbits) brook, near the Van Cortlandt Mansion in Van Cortlandt Park. The title Keskeskick applied to the range of hills forming part of Kingsbridge, Fordham, and University Heights, probably as far south as Washington bridge. The village-site was close to the van Cortlandt mansion. It was destroyed by grading the playing field" (1922:226)

An historic Indian path (the Westchester path) (NYSM 4056/ACP NYRK 6A) formerly passed through the Project Area. It connected the village site with areas elsewhere in the Bronx and Manhattan. Bolton (1922:93) describes the path:

"...on a course northward toward Van Cortlandt Park, where it found a practicable crossing over the Mosholu brook at 242^d street. This was probably effected by stepping-stones at the foot of the cascade where in 1700 a dam and sawmill were erected by Van Cortlandt, thus creating the present lake. In Indian days the brook made its way through a marshy tract extending half a mile back to our present city boundary. Here the trail connected with a considerable village-site which covered a space of several acres on the level land west of the lake."

The name of the village site was not recorded according to Bolton. He suggested that it may have been Mosholu during the Contact period because that was the name of the surrounding area. This area in turn belonged within a large tract known as "Keskeskick". According to M.R. Harrington (quoted in Bolton 1922:209) Mosholu can be explained as follows:

"A simple explanation of the name is offered by the Delaware *Mosxoxgeu*, meaning clear (not turbid), which may well have been the character of the bright waters of the brook, bounding over the cascade in front of the village-site"

An "Indian Field" is located northeast of the Project Area (Bolton 1920, 1922; Parker 1922; see Figure 4). The field was the site of a revolutionary war battle between British and American troops. The battle was recorded by Comfort (1906:23) who stated that 37 Stockbridge Indians were killed and left.

One other site listed in Table 2 (NYSM 2839/ACP Bronx 17) was recorded by Bolton (1922) and Parker (1920) as a prehistoric Woodland and possible contact period village site. Two sites are described as shell midden sites (NYSM 4057 and NYSM 4058) and site NYSM 7725 (ACP no number) is a burial site. No other information is given about this site. Three sites NYSM 2837 (ACP Bronx 15) and NYSM 7727 (ACP Bronx 1B) and OPRHP A005.01.0068 are described as prehistoric camps. No other information is given regarding these sites.

The Chapel Farm II site (NYSM 7729/OPRHP A005.01.0000791) is a workshop and/or possible quarry site. Two sites recorded by Parker (NYSM 5321 and 5322) are recorded as unknown prehistoric sites containing traces of occupation.

One previously recorded historic archeological site (A005.01.0067) is located within one mile of the Project Area. The Canal House site recorded a feature that contained artifacts which date from the early-nineteenth through the mid-twentieth century.

There are two cemeteries located within Van Cortlandt Park. One is located on the east site of the manor house and one is located on Vault Hill. The cemetery east of the manor house was used by the Tippet family. Vault Hill contains the Van Cortlandt family members.

2.2.2 National Register of Historic Places

The Van Cortlandt Manor House is a New York City Landmark, National Historic Landmark, and is listed on the National Register of Historic Places. JMA reviewed The National Register of Historic Places (NRHP) nomination form for Van Cortlandt manor house (90NR00073). The property is located on: "Tax Block 5900, Lot 150 in part consisting of the land on which the building is designated" (Landmarks Preservation Commission 1975). Van Cortlandt manor house was built in 1748-49, by Frederick Van Cortlandt. The manor house played important roles during the Revolutionary War when it was used by Washington as his temporary headquarters in 1783. Vault Hill is the site of the Van Cortlandt family cemetery and vault. It is located north of the manor house on Vault Hill. The Van Cortlandt family used the vault to hide the City Records of New York during the Revolutionary War. The manor house and property remained in the Van Cortlandt family until 1889 when it was sold to the City of New York. The National Society of Colonial Dames in the State of New York has maintained the house as a museum since 1897. Van Cortlandt manor house was designated as an historic site in 1966.

2.3 HISTORY OF THE PROJECT AREA

Both primary and secondary documentary sources were consulted to assist in assessing the historic archeological potential for the Project Area. These sources include both written and cartographic documents relating to past and present environmental conditions and historic settlement of the region. Standard syntheses of regional prehistory (e.g., Funk 1976; Parker 1920; Ritchie 1971, 1980; Skinner 1920; Snow 1980) were also consulted for information concerning Bronx prehistory. Other references examined include Bolton's (1920, 1922) *New York City in Indian Possession* and *Indian Paths through the Great Metropolis*; and Parker's (1920) *Archeological History of New York*.

Regional histories of the area, including, Calver and Bolton's *History Written with Pick and Shovel* (1950); Comfort's *History of the Bronx Borough City of New York* (1906), Jenkins's *The Story of the Bronx* (1912), Smith's *Springs and Wells of Manhattan and the Bronx New York City* (1938); Shonnard and Spooners *History of Westchester County* (1900); and the recent *History of Van Cortlandt Park* (Ultan 1984) were consulted for this project. Historical maps and topographic survey maps depicting Van Cortlandt Park and the Parade Ground were also consulted during the Phase 1A investigations.

The government of Holland formally established the colony of New Netherlands in 1614, claiming exclusive rights to trade on all lands between the Connecticut and Delaware Rivers. A rapid and dramatic

change occurred to the economy, social relations, and material culture of the local indigenous groups due to interactions with the Dutch and English colonists and participation in the fur trade (Goddard 1978). The introduction of European diseases in the early seventeenth-century resulted in the near decimation of Native American populations. These losses were compounded by casualties in wars among both the Native groups and with the colonists (Brasser 1978; Goddard 1978).

In 1639, the Dutch West India Company purchased the tract of land containing Van Cortlandt Park from Taquemack, the local sachem (Bolton 1922:92-94). Andrien Van der Donck purchased a parcel of land from the Weckquaskek Indians in 1646 (Bolton 1920:257). Van der Donck's tract of land was also known as Colen Donck, or Donck's Colony, but was also called de Jonkeer's Landt. The tract of land extended for 16 miles; it was bound on the west by the Hudson River, on the east by the Bronx River, the Saw Mill River on the north, and Spuyten Duyvil on the south. Van der Donck built a house and intended to "set about to erect a saw mill, lay out a farm, provide a barn and stockade, and bring in colonists" (Tieck 1968:7). The Dutch settlement was attacked in 1655, when a Dutch settler shot a Native American woman for stealing a Peach. This was the beginning of the Peach War (Ferris 1897:viii-ix). Van der Donck survived the attack and moved back to Holland where he died later that year. He left the tract of land to his wife who remarried and moved to Maryland. She passed the land to her brother Elias Doughty who in turn sold the property in several parcels. In 1668, the portion of the tract that is now the Parade Grounds was included in a sale to William Betts and George Tippet.

Jacobus Van Cortlandt bought the first part of the Van Cortlandt estate in 1694, and in 1699, he bought fifty more acres of land near Tippet's Brook. This parcel was a portion of the Betts and Tippet tract of 1668 and also included other tracts of land (Jenkins 1912:293). Sometime around 1700, Van Cortlandt dammed Tippet's Brook to create a mill pond and a grist mill. The parcel of land where the manor house is situated was purchased in 1732 from Tippet's grandson and included Tippet's house. Between 1748 and 1749, Tippet's house was used by the Van Cortlandt family while Frederick Van Cortlandt built the manor house. Frederick died in 1749 and left the property and manor house to his son Jacobus (a.k.a. James) Van Cortlandt. James died in 1781 and was buried in the family vault on Vault Hill. The property and the house were left to his cousin Augustus. Augustus remained on the estate until his death in 1823. The Van Cortlandt family continued to own the property throughout the nineteenth century. During this time they operated a working farm and mill. Bolton's (1848) *History of Westchester County* describes the farm and mill:

"To the east of [Van Cortlandt] house, the Mosholu [Tibbetts Brook] pent up by the mill dam, forms an extensive sheet of water, which is greatly enhanced by the vicinity of green meadows, orchards and neighboring hills. South of the pond is situated an old mill. Amid the grove of locusts on George's Point, a little north of the old mill, stood the original residence of the Van Cortlandt's. On the Van Cortlandt estate is situated an Indian bridge and field; the former crossed Tippet's brook, the latter forms a portion of the Cortlandt woods, an extensive range of woodland to the north-east of the mansion"

The Van Cortlandt estate was used by both the British and the Continentals during the Revolutionary War, although it was technically located within the "Neutral Ground". The mills were used to feed both armies. In 1776, the Van Cortlandt family hid New York City's records in the family vault on Vault Hill in so that they would not fall into the hands of the British. George Washington reportedly used the Van Cortlandt house as his temporary headquarters in 1777, before leading his troops to the Battle of White Plains. After Washington lost that battle, the house was requisitioned by General William Howe of the British army. In 1777, a Hessian picket guard was garrisoned in the house (Wilde 2003). The only battle fought on the Van Cortlandt property was at Indian Field, located northeast of the manor house. The Stockbridge Indians were loyal to the Continentals. They crossed the British lines in 1778 and were massacred on Indian Bridge which is thought to have been located across Tibbetts Brook (Ultan 1984:2; Wilde 2003:15; Zabloty 1977:81).

During the nineteenth century the Van Cortlandt estate was as established working farm. There were at least eight structures located within the Parade Ground that were associated with the farm (see Figures 3, 7 and 9). Many changes occurred on the Van Cortlandt estate and the adjacent areas. These changes were due in part to an increase in the population of New York City and an increase in the city's water needs. The increase in population resulted in people moving outside of the city limits which necessitated the need for more housing and transportation. In 1808, the Highland Turnpike Company filled in a portion of a marsh area west of the manor house in order to construct Broadway (Jenkins 1912:213; Wilde 2003). The first Croton Aqueduct was built through the property in 1837 and the stone used for the construction of the aqueduct was quarried on the property (Wilde 2003:18). Continued population increase and the inability for the old aqueduct to adequately supply New York City with water necessitated the construction of a second aqueduct. This was built in 1884.

The movement of New York City's population to the northern city limits also necessitated the need for increased modes of transportation. The New York and Putnam Railroad began construction of the rail line through Van Cortlandt estate beginning in the mid-nineteenth-century. Passenger service on the Putnam line began in 1881 (Gallo and Kramer 1989). A second line, the Yonkers Rapid Transit Line, was built through Van Cortlandt Park in 1888. This line ran along the base of Vault Hill and then turned west toward Broadway in the northern portion of the Parade Ground. Evidence of the Yonkers Rapid Transit Line is still visible along the eastern side of the Parade Ground in the form of a rail road bed berm.

In 1884 the New Parks Act was signed by Mayor Grover Cleveland. Section 6 of the Act specified that the flat plain west of Tibbetts Brook was to be developed as a camp and drill ground for the First Division of the New York National Guard. The Van Cortlandt estate was officially transferred to the City of New York in 1889 (Ultan 1984:4; and Wilde 2003:16). In 1889, the City Board of Estimates (1889) recorded the construction project to include:

"plowing and leveling the old cornfields located to the northwest of the Van Cortlandt mansion, leveling the old orchard east of the carriage house, and filling the roadway that extended north from the carriage house"

An August 22, 1889 a *New York Times* article entitled the "New Parade Ground" summarized the proposed work:

The high ground will furnish accommodations for spectators of the drills, while the area of grassy meadows a space of about one hundred and thirty acres has been taken for the parade ground. This has required comparatively little grading beyond the filling in of some marsh land. The clearing away of the orchards and shrubbery has gone on since the Spring, and the buildings on the place have been removed, except the main Morris mansion, which has historic associations with WASHINGTON's headquarters. Being well down to the southerly end of the parade ground, it will not interfere with the maneuvers and, in fact, will offer accommodations to officers."

The grading and filling of the Parade Ground was undertaken in 1889-1890. It was during the construction of the Parade Ground that the Native American village site was identified and excavated by J. B. James. Van Cortlandt Park was opened to the public in 1901. By the turn of the twentieth-century Van Cortlandt Park attracted people from across New York City. The park was used for many recreational activities including skating, golf and tennis and picnicking on the lake. Shortly after taking over the property, the Parks Department made many changes and additions to Van Cortlandt Park including the addition of a nursery, a Colonial Garden, a garden fountain, and a sixteen mile cross county track.

Van Cortlandt Park was used by the National Guard to camp, drill, and hold horse races, and was used for Polo and Cricket. Van Cortlandt Parade Ground was used by the United States Army during World War I as a training and drill camp. In the 1930's, filling in and draining wetlands within the park was undertaken to eliminate mosquitoes (Wilde 2003:36). This work was undertaken as part of the Works Project

Administration (WPA). In the 1930's the Mosholu and Henry Hudson Parkways were built through the park.

The remaining decades of the twentieth-century saw Van Cortlandt Park fall into disrepair. In 1980 the Parks Department adopted a Master Plan to rehabilitate the park (Ultan 1984:8). The proposed rehabilitation of the Van Cortlandt Park Parade Ground Project is part of the Van Cortlandt Park Master Plan.

2.4 PREVIOUS ARCHEOLOGICAL RESEARCH

The majority of previous archeological and cultural recourses work conducted at Van Cortlandt Park have been concentrated around the Van Cortlandt manor house (e.g., Bankoff and Winters 1990, 1992; LBA 1985, Ricciardi 1997) and for the Croton water treatment plant (HPI 1998a, 1998b). Comparatively little professional research has been conducted within the Van Cortlandt Park Parade Ground.

Two archeological surveys were conducted on the southern end of the Parade Ground for the construction of the tennis courts (Bankoff and Winters 1993; Rothschild and Matthews 1993). The stratigraphy observed in this portion of the Project Area consisted of topsoil (stratum I) overlying a mottled layer of topsoil and sand (stratum II). This in turn overlay intact sand and gravel subsoil. Subsoil was recorded at approximately 30 cm (1 ft) below ground surface. No intact cultural deposits or features were identified as a result of this survey. The authors concluded that this portion of the Parade Ground has been significantly disturbed by grading activities.

Bankoff and Winters (1991) conducted an archeological survey in the area surrounding the former barn structure. An electrical conduit was placed in this area in 1990 and elements of a fieldstone wall or foundation had been uncovered. No additional walls or foundation remnants were identified as a result of their excavations, but two dry-laid stone features, which measured approximately 1.75 m (5.5 ft) square by 3 m (10 ft) deep, were identified. The features were filled with artifacts and household items that date from the mid-eighteenth-century to the last quarter of the nineteenth-century. The identification of subsurface features in this area suggests that there is the potential exists for additional features associated with the occupation of the property by the Van Cortlandt family.

Two Late Woodland period shell pit features were identified in an area northwest of the Van Cortlandt manor house (Bankoff and Winters 1991). Another shell-filled pit was also found in this area (Boesch 1996:90).

One reconnaissance survey was conducted on Vault Hill located east of the Parade Ground which identified quartz tools on the surface of the hill immediately to the west of the cemetery. They also identified quartz and chert tools and lithic debitage on the surface of the ball field in the northern portion of the Parade Ground.

Based upon the limited amount of archeological surveys conducted within the Park Parade Ground, the Project Area contains buried cultural features. The preservation of the cultural material varies across the Parade Ground because of the varying extents of cutting, filling, and/or grading associated with previous construction episodes. The area where the tennis courts are now located in the southeastern portion of the Parade Ground were cut and stripped (Bankoff and Winters 1993; Rothschild and Matthews 1993). However, in other portions of the Parade Ground (i.e., the barn area and west of the Van Cortlandt manor house) intact features have been identified and documented (Bankoff and Winters 1991).

2.5 EXISTING CONDITIONS

JMA conducted archeological monitoring of three geotechnical soil borings excavated within the Parade Ground as part of this Phase IA study on August 15, 2007 (see Figure 2). The purpose of the test borings was to examine the subsurface stratigraphy present within the Parade Ground at three different locations.

Representative photographs of the borings/test pits and their locations within the Parade Grounds are shown in Photographs 1-6. Each test pit was excavated to a depth of 3 m (10 ft) below ground surface.

The test pit excavated in the northern portion of the Parade Ground (Test Pit 1) documented 2 m (7 ft) of fill material overlying apparently intact glacially deposited sands and gravels and clay (Photographs 1-2). Test Pit 1 lies within the area of the former stream channel that was filled. Test Pit 2 was centrally located within the Parade Ground, east of the Broadway steps. Stratigraphy observed in Test Pit 2 consisted of 1.3 m (4 ft) of fill material overlying glacially deposited sands and gravels (Photographs 3 and 4). At the base of the test pit bedded (intact) sand deposits were identified. Test Pit 2 lies within the documented village site location (see Figure 3). Test Pit 3 was placed in the southeastern section of the Parade ground, just north of the tennis courts. The stratigraphy recorded in Test Pit 3 consisted of 1.8 m (6 ft) of gravel and boulder fill material overlying intact glacial sands, gravels and cobbles (Photographs 5 and 6). Based upon the limited documentation of the stratigraphy identified in the test pits, the depth of fill varies considerably across the Parade Ground.

Existing conditions within the Parade Ground Project Area are depicted in Photographs 7-11. The locations of photographic views are illustrated on Figure 2. The Parade Ground is an open, grassy field that used by area residents for various recreational activities. There are several ball fields and backstops within southern areas of the Parade Grounds. A paved track runs along the perimeter of the park and mimics the rail road bed berm of the Yonkers Transit Line. Generally the topography of the Parade Ground slopes down from the north to the south. There is some visible topographic variation in the former locations of the stream channels and ponds (Photograph 11).

3.0 ARCHEOLOGICAL SENSITIVITY ASSESSMENT

3.1 PREHISTORIC-PERIOD ARCHEOLOGICAL SENSITIVITY

During the Late Woodland and Early Contact periods, the coastal areas of New York, including what is now Dutchess, Putnam, Westchester, Bronx, and New York counties, as well as portions of southwestern Connecticut, were inhabited by a native group known as the Wiechquaesgeek Indians who were settled in areas along the Hudson River and north to Westchester County (Goddard 1978; Wood 1886). Late Woodland period cultures are known from large village sites located near brooks and rivers. The Late Woodland economy in southeastern New York was primarily oriented towards marine resources, but was supplemented by horticulture and seasonal hunting and gathering (Ritchie 1980:268-270).

There are eleven previously recorded Native American archeological sites located within one-mile of the Project Area (see Table 2). These sites include Woodland and possibly Contact period village sites, shell midden sites, camp sites, a possible quarry site and areas with traces of Native American occupation. An important Indian trail passed through the Project Area and linked the Late Woodland period and possibly Contact period village site known as Keskeskick (or Mosholu) with other areas of New York. Previous archeological excavations conducted within Van Cortlandt Park (i.e., Bankoff and Winter 1981; Rothschild and Matthews 1993; LBA 1987; and Storch Associates, 1985) have documented the presence of cultural materials and features associated with this site. Although some documented cultural material was determined to have been re-deposited, intact cultural features were recorded in two areas west of the Van Cortlandt manor house.

Based upon the documented existence of the Keskeskick (or Mosholu) site within the Van Cortlandt Park Parade Ground, and the documentation of numerous other previously recorded Native American sites within one mile of the Project Area, the Project Area is considered to have a high likelihood of containing Native American cultural material. The grading of the Parade Ground in 1889-90 and the excavation of the Native American village site at that time indicates that some portions of the site have been disturbed. The ca. 1890 excavations also resulted in the removal of thirteen intact Native American burials and numerous artifacts (see Appendices A and B). However, the extent of disturbance associated with the ca. 1890 excavations and grading has not been fully documented and only a limited amount of recent professional archeological field work has been conducted. Recent excavations that have been conducted have identified intact or partially truncated features and cultural material. Therefore, the potential exists for undocumented Native American cultural features to exist within the Parade Ground.

3.2 HISTORIC-PERIOD ARCHEOLOGICAL SENSITIVITY

The Van Cortlandt manor house is one of the oldest homes in the Bronx and was continually occupied by the Van Cortlandt family during the nineteenth-century until the City of New York assumed ownership of the house and surrounding property in 1890. The Van Cortlandt Manor House was designated as a New York City Landmark in 1966.

Previous archeological research conducted on the Van Cortlandt Park property has documented stone walkways, stone foundation walls and stone lined chamber pits filled with eighteenth through nineteenth-century artifacts. Some of these features may be associated with the earlier occupation of the property by the Van der Donck, Tippet, and/or Van Cortlandt families (Bankoff and Winter 1992).

Historic maps of the property indicate that there were at least eight structures and a road within the Parade Ground. These structures were razed in the early twentieth-century in preparation of the creation of the Parade Ground. The documentation regarding the demolition of these structures is limited, and the extent of the disturbance to any subsurface features associated with these structures is unknown. There has been little professional archeological work conducted on the Parade Ground.

Based upon the documentation of features associated with the barn, there is the potential for additional historic features to be present below the fill. The depth of fill varies across the site. The fill may have capped remnants of the structures and their associated features. Since the NYC Parks Department took over the property in 1890, the use of the grounds has been primarily recreational. A minimal amount of ground disturbing activities has been undertaken on the Parade Ground since its initial construction in 1890.

3.2.1 Cartographic Analysis

JMA reviewed historic maps of the Project Area to determine the sequence of construction and/or demolition of the structures formerly located within the Parade Ground Project Area. Topographic survey maps were also consulted to determine areas that have been graded and filled within the limits of the Parade Ground. These maps were used to determine 1) extent and depth of fill deposits, 2) evidence of former tributaries of Tibbetts Brook and, 3) areas that may have the potential to contain buried and potentially significant archeological deposits. Historical and topographic survey maps researched covered the time span of 1868 through 1982 (Figures 6-12).

No structures are shown in the vicinity of the Parade Ground on the Beers (1868) *Map of the Town of Yonkers, New York*. The Van Cortlandt manor, an ice house and the Grist and saw mill are depicted on this map (Figure 6). This map also shows the existence of the tributary through the center of the property.

The New York State Department of Public Parks (1874) *Topographical Map of Westchester County adjacent to the City and the County of New York* shows the pre-graded Van Cortlandt Park property (Figure 7). This topographic survey map shows three small ponds on the eastern side of the Parade Ground Project Area and the centrally-located stream channel. This survey map also shows a road extending north from the Van Cortlandt manor to the base of Vault Hill. Eight structures including a large E-shaped structure are situated on either side of the road. A large marshy area lies to the south of Van Cortlandt manor house. The topography illustrated on the survey map indicates that the area of which is now the Parade Grounds was relatively level with little natural topographic variation. The New York and Boston Rail road (NY&BRR) tracks were constructed through the Van Cortlandt Park property in the middle of the nineteenth-century. These tracks are also shown on the eastern side of Van Cortlandt Lake.

The Bien (1890) *Map of Long Island Sound, Westchester, Queens, New York* shows the detail of the hydraulic and topographic nature of the Van Cortlandt property prior to the grading of the Parade Grounds (Figure 8). Extensive wetlands and a tributary of Tibbetts Brook are shown on this map just south of the Mosholu Parkway in the northern portion of the Project Area, and south of Van Cortlandt manor house. This map also shows the New York City and Northern Rail Road line as well as the newly constructed Yonkers Rapid Transit rail line that follows along the base of Vault Hill. The road to Vault Hill is shown on this map, but there are no structures shown.

The 1891 USGS *Harlem, New York* 15-minute topographic map shows six structures within the Van Cortlandt Park property (Figure 9). This map also shows the three ponds and the stream channel. The extensive wetlands south of the manor house had not yet been filled. Both rail lines are also depicted on this map.

The Bromley (1893) *Atlas of the City of New York 23rd and 24th Wards* (Figure 10) shows the Van Cortlandt manor house, both railroad lines and a Car House. The Tibbetts Brook tributary is also still shown on this map. Although the road that extends to the base of Vault Hill is shown on this map, none of the structures formerly located within the Project Area are shown. Based upon the historic documentation of the Parade Ground these structures were razed at approximately the same time that this map was recorded.

Hyde's (1900) *Map of the Borough of the Bronx, City of New York* shows little detail of the Van Cortlandt Park property. The road to Vault Hill and the stream channel is no longer present. However, the three ponds on the eastern side of the Parade Ground are still depicted. The newly constructed Van Cortlandt and Mosholu railroad stations are shown on the map (Figure 11).

The 1907 Meuller *Yonkers Atlas* is the first map that depicts the location of the Parade Ground (Figure 12). The three ponds, the stream, the structures, and the road to Vault Hill are no longer illustrated on the map.

The 1966 *Yonkers, NY-NJ 7.5-minute* topographic map shows the current configuration of Van Cortlandt Park. This topographic map shows the Parade Grounds as open, level field with the Van Cortlandt manor house, the cemetery and the Vault Hill cemetery, as well as the post-1907 Van Cortlandt Lake (Figure 1).

Based on the results of the cartographic review, it is the opinion of JMA that the Project Area also has the potential for containing foundation remains or archeological deposits associated with the ca. 1890s structures depicted on historic maps of the Project Area.

3.3 HISTORIC LANDSCAPE CHANGE MAPPING (GIS MAPPING)

JMA utilized GIS software to identify areas of historical landscape change (i.e., cutting, filling, and/or grading) within the Project Area. Georectified historic-period maps were overlaid on modern aerials to plot historic roads and structures, to determine the depth of fill in areas of the Parade Ground and to assess the Project Area for its potential to contain capped or buried archeological features.

"Historical GIS" has become a distinct area of study within the field of Geography in recent years. Historical sources, both cartographic and textual, have been used to chart and analyze demographic and land-use changes over time. Perhaps the most extensive example of this is the Great Britain Historical GIS Project at the University of Portsmouth in England (University of Portsmouth 2000). Using historical information dating from the late 1830s into the 1970s, researchers are compiling a GIS database for the entire country to map changing administrative boundaries linked to social, economic, and electoral data.

Smaller scale projects are also underway. Numerous papers dealing with historical GIS have been presented at The Association of American Geographers annual meetings (Association of American Geographers n.d.). Topics have ranged from practical discussions of historical map sources and their limitations (Rumsey and Williams 2002) to developing predictive models based on land-use patterns and environmental variables (Legg 2003) to spatial analyses of agricultural features and crop types and their relationship to water availability and historic land cover through time (Frazier 2006).

The National Park Service, through their Cultural Resource Geographic Information Systems Facility, is working on incorporating historic maps into some of their project-specific GIS. By adding these maps to modern background layers and historic site locations collected using GPS, the Park Service hopes to "locate significant historic resources within the modern landscape and target specific areas for protection" (McCarthy 2004: 88).

The digitization of individual structures from historic maps is time-consuming and difficult, but it offers tremendous information potential (Rumsey and Williams 2002: 10-11). Sheehan-Dean (2002) documents a University of Virginia project that used map information as an analytical tool. Structure locations were digitized from historic maps and linked to demographic data from census records, tax assessments, and "personal manuscripts" to analyze differences between two towns, one northern and one southern, before the Civil War.

Although archeologists have long used historic-period maps to help them locate potential sites, the level of accuracy introduced by the GIS software tends to draw attention to the vagaries of historic surveying methods and the inevitable errors introduced by trying to georectify old maps. The best one can hope for is a general guide to areas that are likely to be sensitive for historic-period archeological resources, not a precise map of historic-period roads and features. Individual resource locations should be re-examined once specific projects impacts are determined.

3.3.1 *Methods*

The GIS for landscape change was built using a selection of historic maps. Historic map sources for the Project Area were chosen to complement one another, and they are by no means exhaustive. The earliest map source consulted was the 1874 NYS Department of Parks map. The most recent historic-period map source used for the analysis was the Yonkers N.J.-N.Y. 1966 (photorevised 1979) United States Geological Survey (USGS) topographic quadrangle. This map provided a picture of the Project Area during the late-twentieth century. The USGS quadrangle depicts transportation systems, vegetation, water bodies and streams, topographic elevations, and structures, though only a few are identified. Cemeteries, schools, and churches are identified, however, as are the names of communities.

The background layer for all historic map data that were digitized for the Project was the Yonkers N.J.-N.Y. 1966 USGS topographic quadrangle. This USGS quadrangle was a digital file that had already been georectified and therefore constituted the initial background layer in the project GIS. The additional historical maps and aeriels were georectified to the Yonkers USGS quadrangle. Roads, structures, contours and water bodies that fell within the Project Area were traced so that a comparative analysis of features could be made through time. The goal of mapping the various features was to determine the location and depth of archeological site potential, not the history of individual resources.

3.3.2 *Mapping Source Limitations*

The accuracy of any map is expected to vary with each surveyor and is subject to the limitations of the instruments available at the time. Although most of the maps were drawn to specific scales, the historic map scans and aeriels rarely register precisely to the registered USGS topographic map. The registration problem is typically not consistent over an entire map, however, so each feature on a map should be examined for specific accuracy (Jansson 2006).

The issue of completeness on historic mapping is a vexing one. Not all resources that are known to have existed are always depicted on historical map sources. That is, structures that have are recorded in historical sources, or that may be still standing, are not always represented on historical maps. Therefore, the resulting interpretations are directly dependent upon the quality of the available historical maps.

3.3.3 *GIS Results*

Two maps have been produced to exhibit the results of the process of mapping the historic landscape change using historical maps. Figure 16 exhibits the change in the topography within the Van Cortlandt Park Parade Grounds Project Area. Based on the historical contour mapping, areas in the northwest corner, the northeastern boundary, and the southwestern corner have undergone landscape cutting while the remainder of the Project Area has undergone landscape filling. Figure 17 illustrates the approximate cut and fills depth within the Parade Ground. The most significant filling (greater than 10 ft) occurred within the tributary channel that was centrally located on the Parade Ground and in the areas where the three ponds on the eastern side of the Parade Ground were located. The stream channel is clearly identified on the 1874 NYS Department of Parks map (see Figure 7).

3.4 **PRIOR GROUND DISTURBANCE**

Evidence of prior disturbance within the Van Cortlandt Park Parade Ground is evidenced by historic maps, atlas's, topographic surveys and historic documentation. The most significant gound disturbance within Project Area occurred in 1889-1890 with the demolition of structures previously located within the area and the grading of the Parade Ground. The stream channel and ponds were filled, and topographically elevated areas in the north, northwestern and southwestern areas of the Parade Ground were cut.

The Yonkers Rapid Transit Railroad line was constructed along the eastern side of the Parade Ground in 1888. The rail bed berm is still visible along the eastern side of the Parade Ground. The construction of a paved pathway and track around the perimeter of the park and the construction of baseball, soccer and lacrosse fields also constitute prior ground disturbance. An irrigation system for the athletic fields was installed in the southern portion of the Parade Ground, and an electrical conduit was installed in the Parade Ground in 1990.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 SUMMARY AND CONCLUSIONS

Van Cortlandt Park and the Parade Ground has been the setting for many significant events in the history of New York City, New York State, and the United States. The Van Cortlandt manor house was built in 1748 by Frederick Van Cortlandt, merchant and Major of New York. The Van Cortlandt manor house was used as a base of operations by both British and Americans during the Revolutionary War and was the temporary headquarters of General George Washington twice during the Revolution. The property remained in the Van Cortlandt family until the late 1800's, when it was sold to the City of New York as a public park. In 1896, the New York National Society of Colonial Dames took over the management of the manor house for a museum. The New York State National Guard used the Parade Ground as a drill and training area and was used by the United States Army as a training ground during World War I. The house and surrounding property are listed on the National Register of Historic Places, and is designated both a New York City Landmark and a National Historic Landmark.

Based upon the information obtained during the Phase IA archeological assessment, the Project Area has the potential to contain both historic and prehistoric archeological deposits and features associated with both a Native American village site and later historic-period map-documented structures associated with the Van Cortlandt family farm and mill. Archeological remains that are potentially located within the Van Cortlandt Park Parade Ground Project Area include:

- buried prehistoric Native American archeological deposits and features associated with the Late Woodland/Contact period village site known as Keskeskick or Moshlou;
- intact and/or disturbed Native American burials/human remains;
- buried or truncated historic-period features and deposits associated with map-documented structures identified on historic maps of the Project Area; and
- historic period artifacts associated with military activities undertaken on the Parade Ground.

4.2 RECOMMENDATIONS

In the opinion of JMA, a Phase IB archeological survey should be conducted within archeologically sensitive areas (see below) that will be affected by proposed park reconstruction work. The proposed design and locations of the in-ground drainage and irrigation systems and areas proposed for grading and filling activities associated with the reconstruction of the Van Cortlandt Park Parade Ground are not yet available. The following recommendations for Phase IB archeological work will likely need to be refined based on the final proposed design of facilities.

Archeologically sensitive areas within the Project Area include areas that: 1) have been determined to contain less than 10 ft of fill (see Figures 17 and 18); 2) are located near the previously recorded Native American village site (NYSM Site 2823) and; 3) are located in the vicinity of map-documented structures. Generally, these areas proposed are located in the southwestern and south-central portions of the Parade Ground. Areas adjacent to the old stream channels and ponds formerly located within the Parade Ground property are also considered to be archeologically sensitive. In these areas there is a potential for deeply buried archeological deposits.

The topographical maps used for the historic landscape analysis were drawn with 10-foot contour intervals. For this reason, the analysis presented in Figure 17 cannot provide more refined determinations of the depth of fill than greater-than/less-than 10 feet of fill. The two stratigraphic profiles observed in the geotechnical test pits excavated in the vicinity of the Native American village site and Van Cortlandt farm map-documented structures recorded a variable depth of fill in these locations, with intact soils below 1.3 m to 1.8 m (4 to 6 ft) of fill material.

Because of the depth of fill recorded in the geological test pits, it is likely that traditional shovel tests would not extend below the fill material. Therefore, JMA recommends that a phased approach be used for the Phase IB survey of the Parade Ground. The first phase should include manual auguring or small mechanically-excavated test pits within the archeologically sensitive areas (that will be affected by proposed construction) to refine calculations of the depth of fill. The second phase of work would include selective mechanical stripping to remove the overlying fill deposits followed by systematic shovel testing in the archeologically sensitive areas (see Figure 18).

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FIGURES



Figure 1. USGS (1966) Yonkers, NY-NJ 7.5-minute quadrangle map showing the location of the Van Cortlandt Park Parade Grounds Project Area.

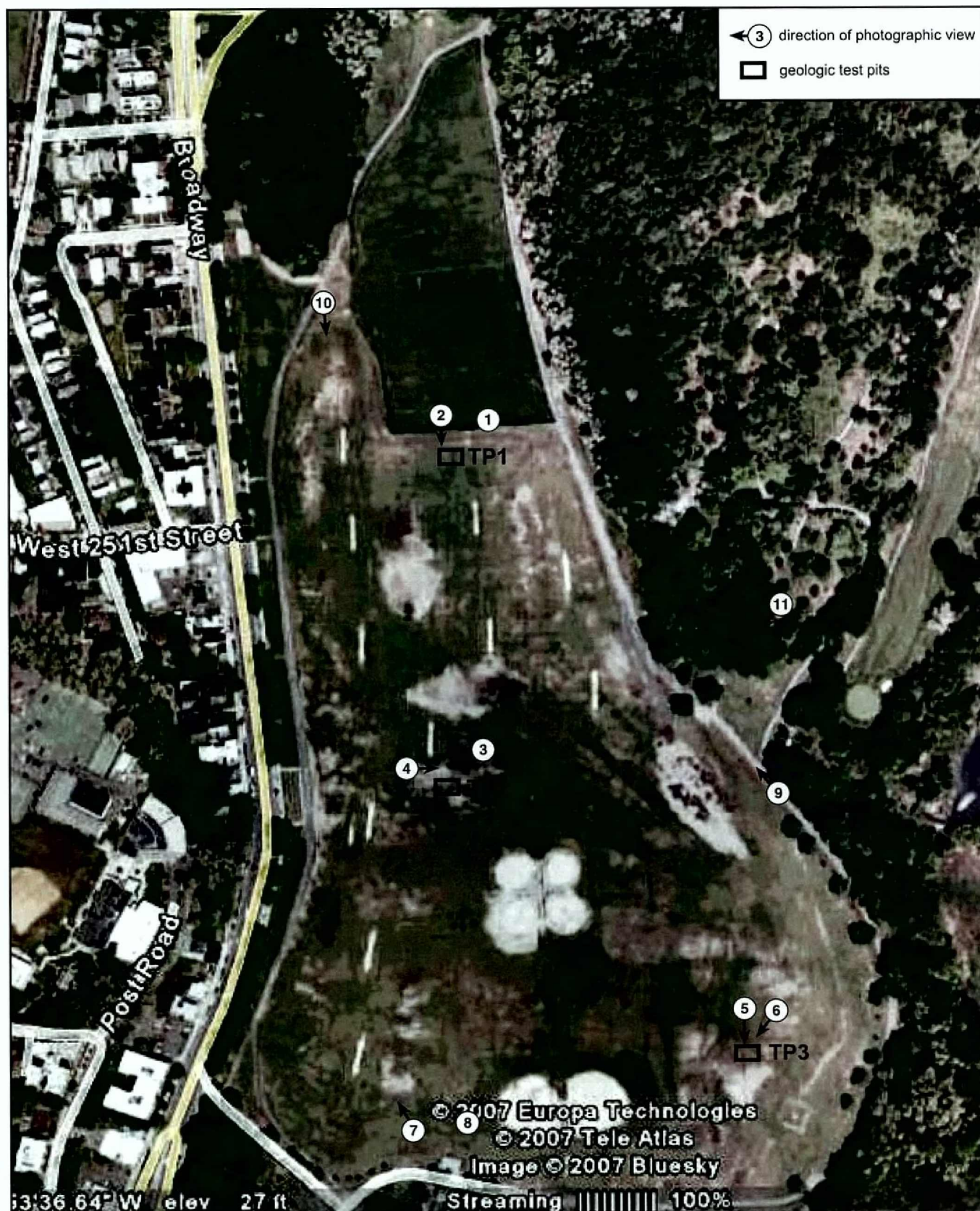


Figure 2. Project map of the Parade Ground showing the locations of geologic test pits and photographic views referenced in the report.

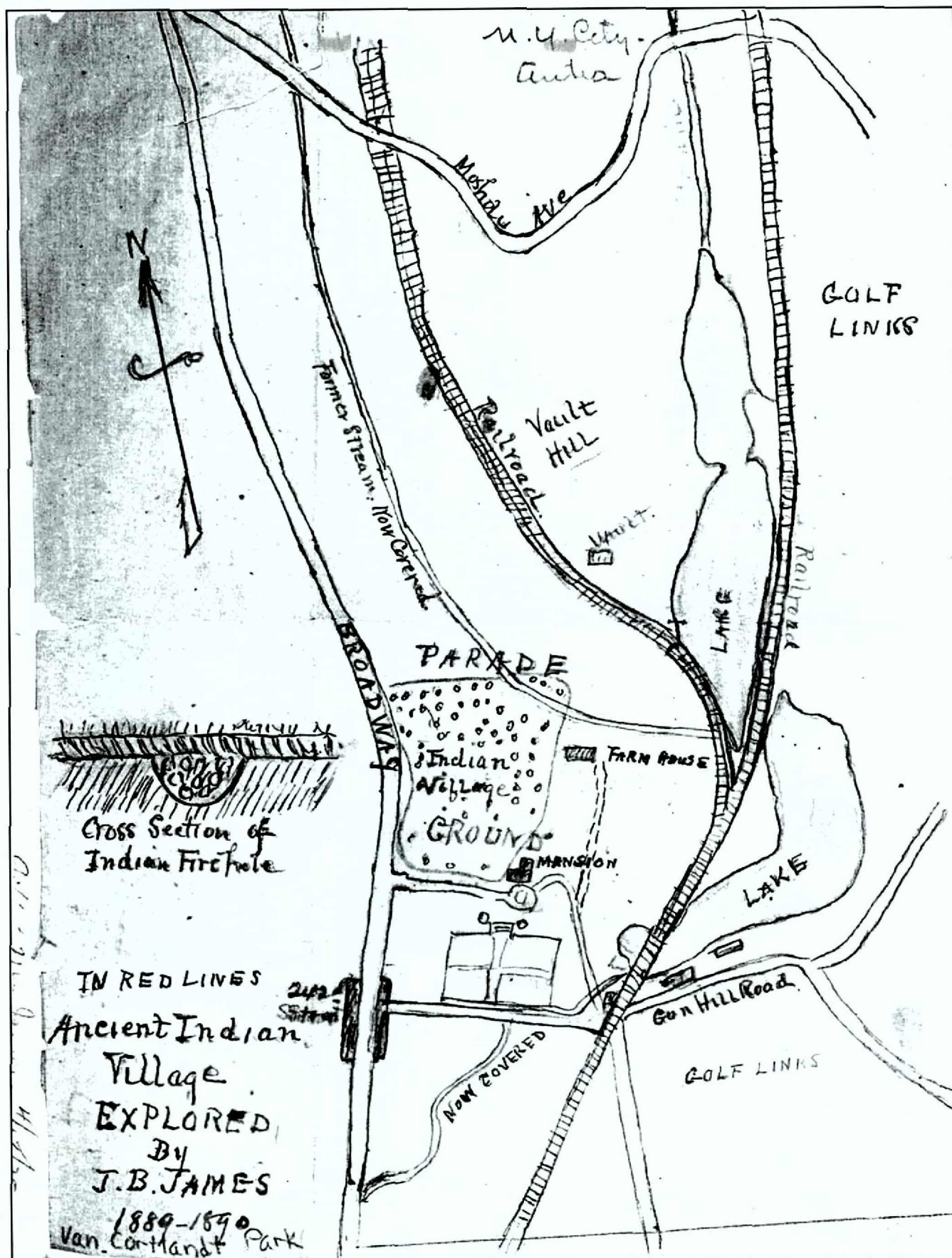


Figure 3. The 1889-90 hand-drawn location map of the Van Cortlandt Site (NYSM 2823) by J. B. James.

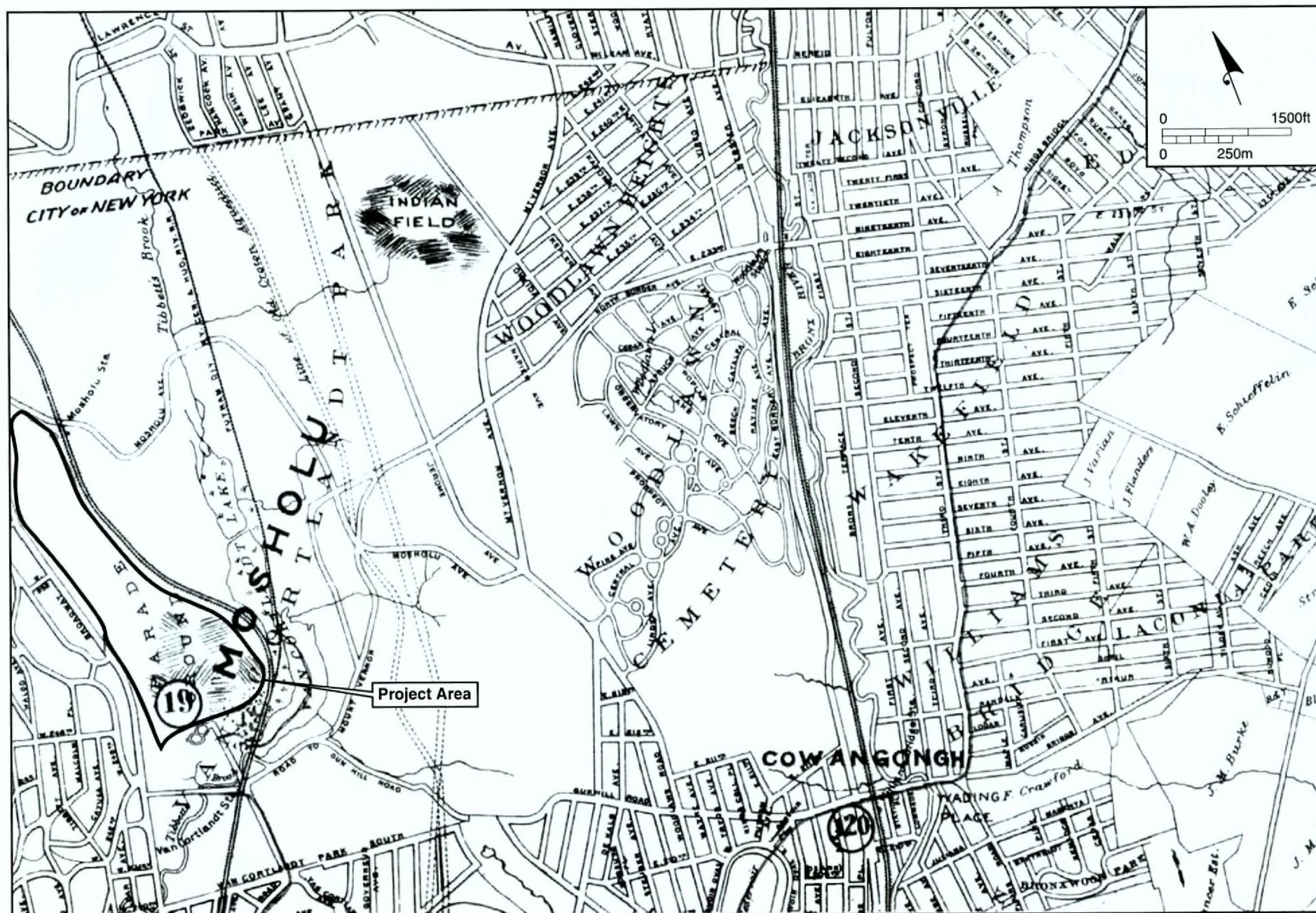


Figure 4. Detail of Bolton's (1922:Map VII,A) *The Northwestern part of the Borough of the Bronx, From Williamsbridge to the Boundary of the City, and parts of Yonkers, Bronxville, Mount Vernon and Eastchester*, showing the location of the Westchester Indian Path, and the Keskiskick (Mosholu) site.

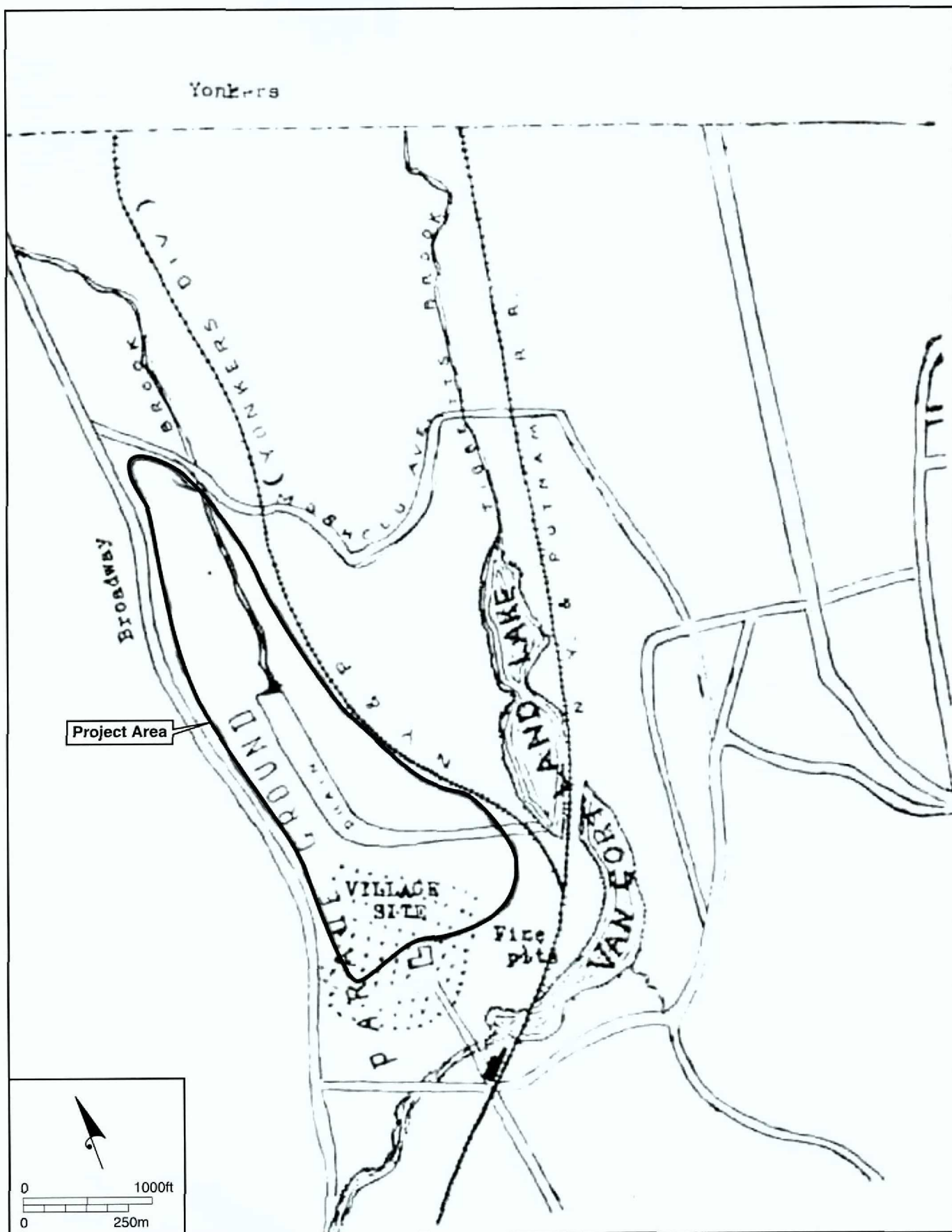


Figure 5. Detail of the Parker (1920) map of the Van Cortlandt Lake site (after W.R. Blackie) showing the location of the site within the Van Cortlandt Park Parade Ground Project Area.

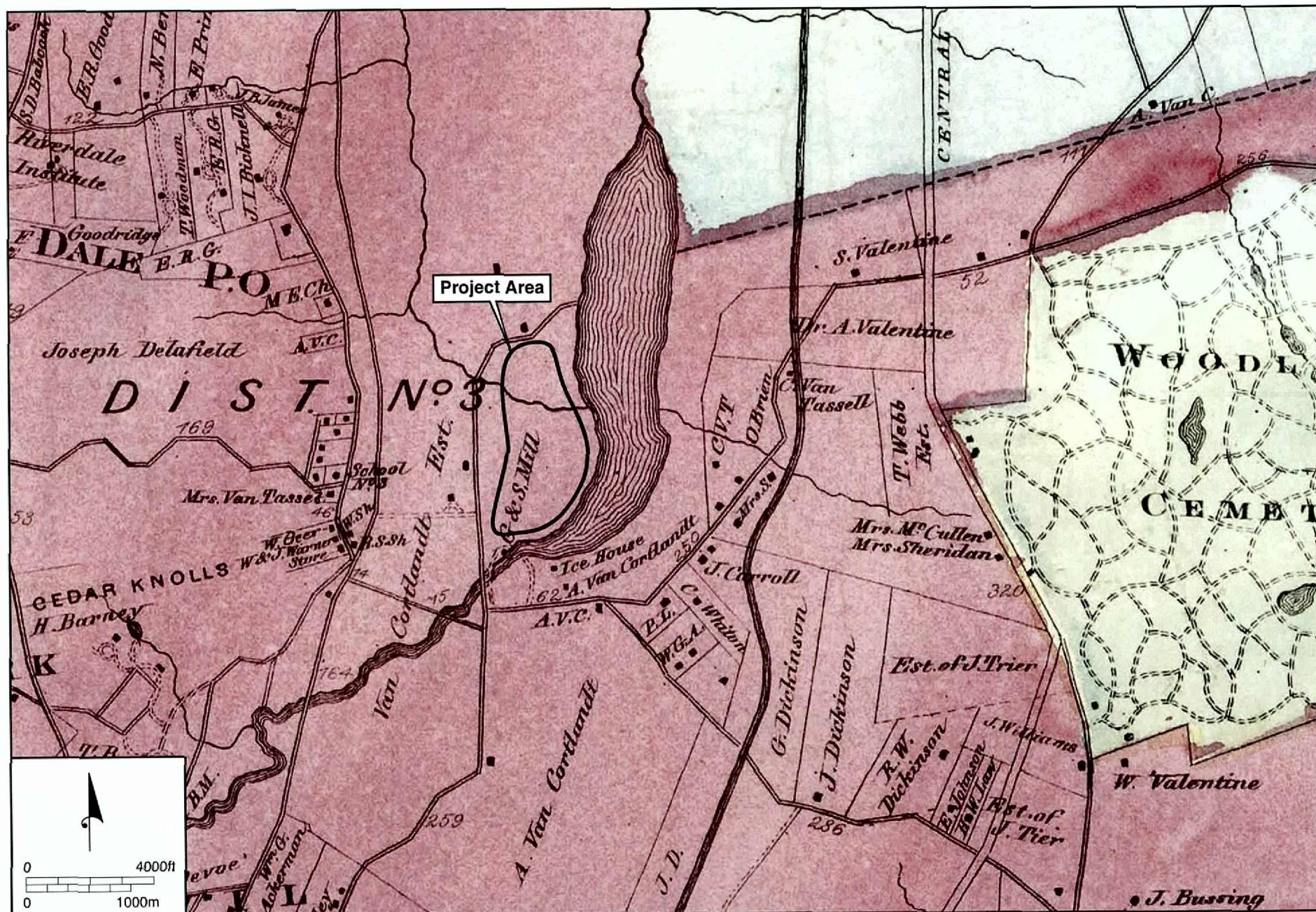


Figure 6. Beer's (1868) *Atlas of New York and vicinity*, Town of Yonkers, Westchester County, N.Y., showing the location of the Parade Ground Project Area.

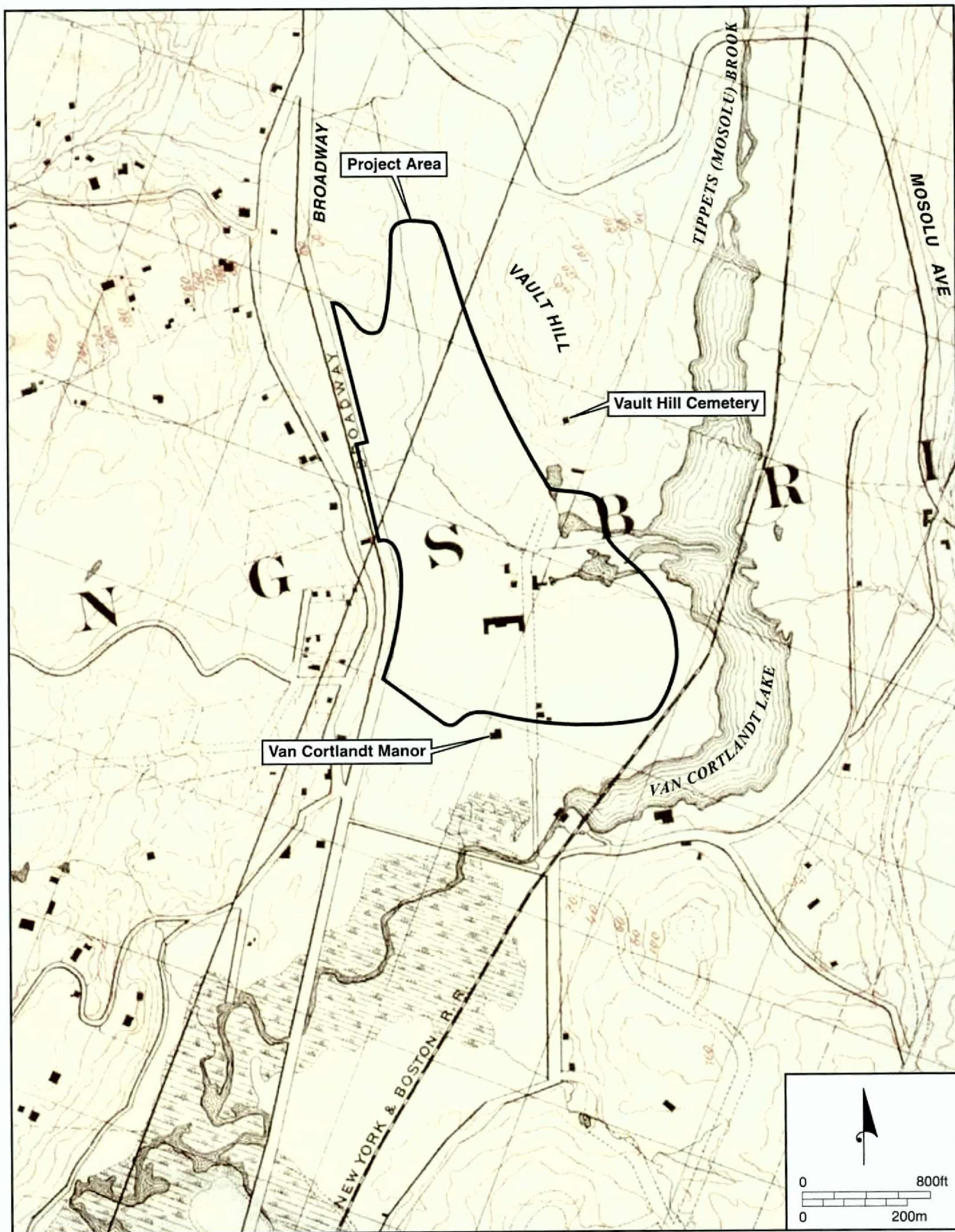


Figure 7. Detail of the New York State Department of Public Parks (1874) topographic map of *Westchester County, New York* showing existing topography and hydrology of the Parade Ground Project Area.

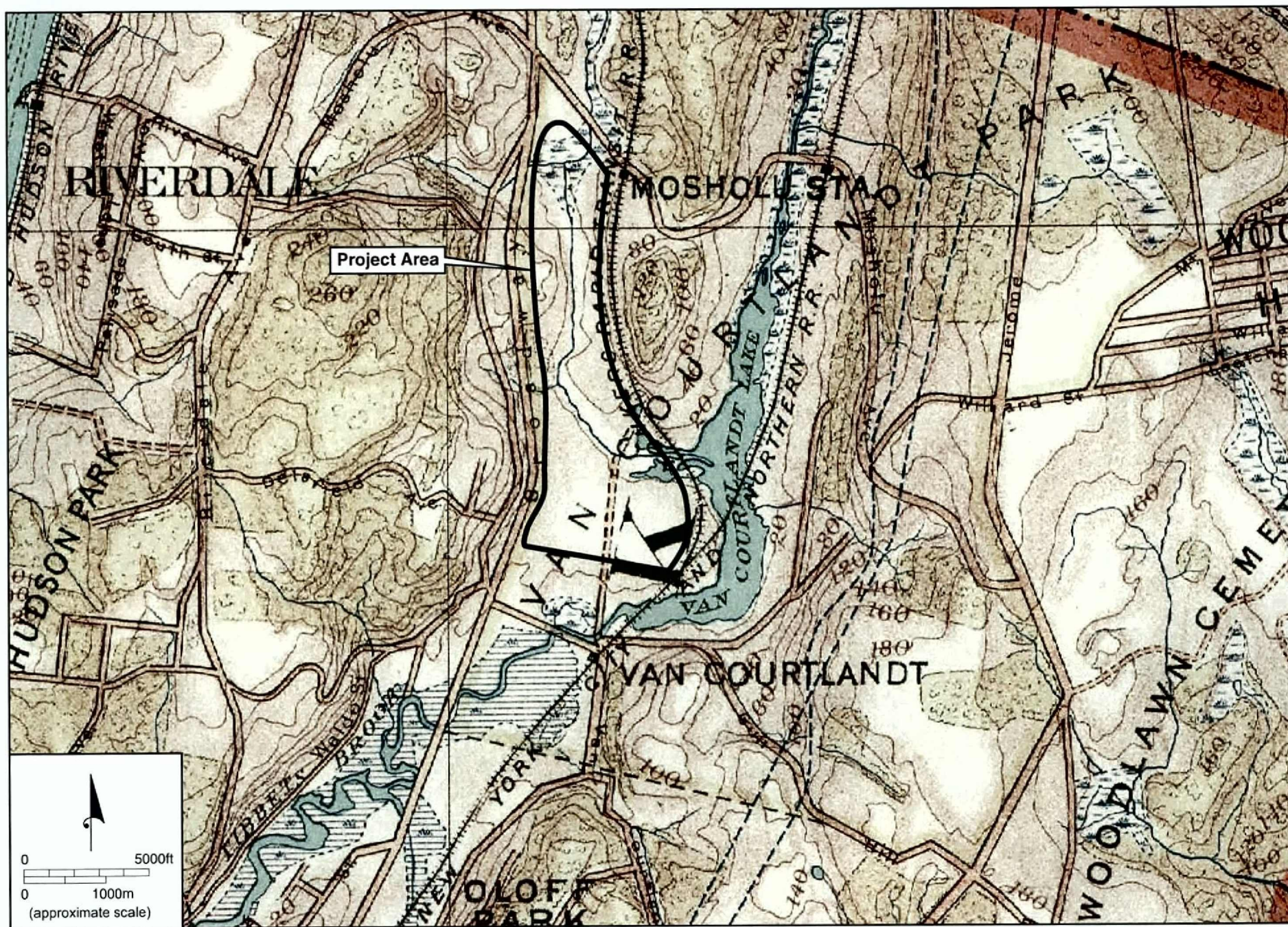


Figure 8. The Bien (1890) map of Long I. Sound-Westchester North to Mount Vernon South to Queens, showing existing topography and hydrology within the Parade Ground Project Area.



Figure 9. Detail of the USGS (1891) *Harlem, New York* 15-minute quadrangle map showing the existing structures, topography and hydrology of the Parade Ground Project Area.

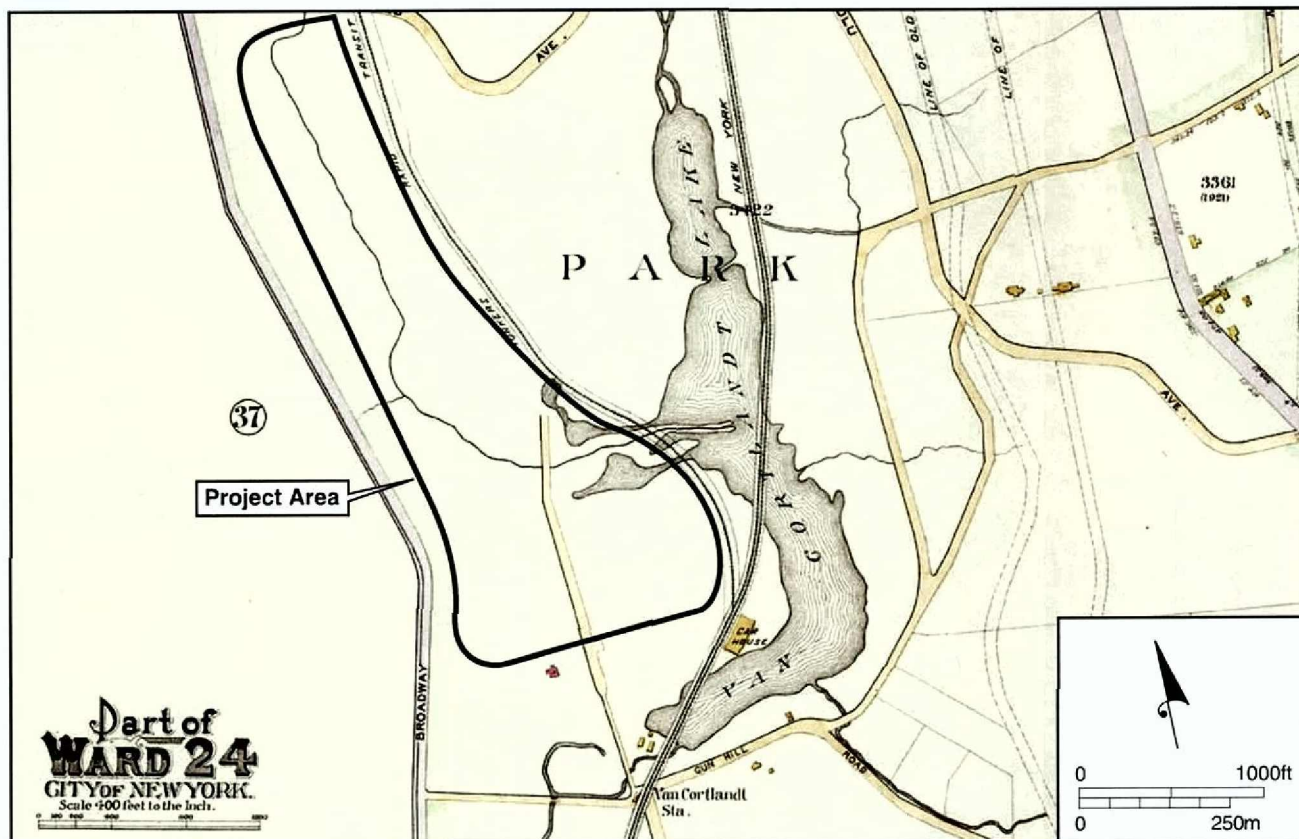


Figure 10. Bromley's (1893) *Atlas of the City of New York 23rd and 24th Wards*, showing the location of the Parade Ground Project Area.



Figure 11. Hyde's (1900) map of the Borough of the Bronx City of New York, showing the existing conditions within the Parade Ground Project Area.

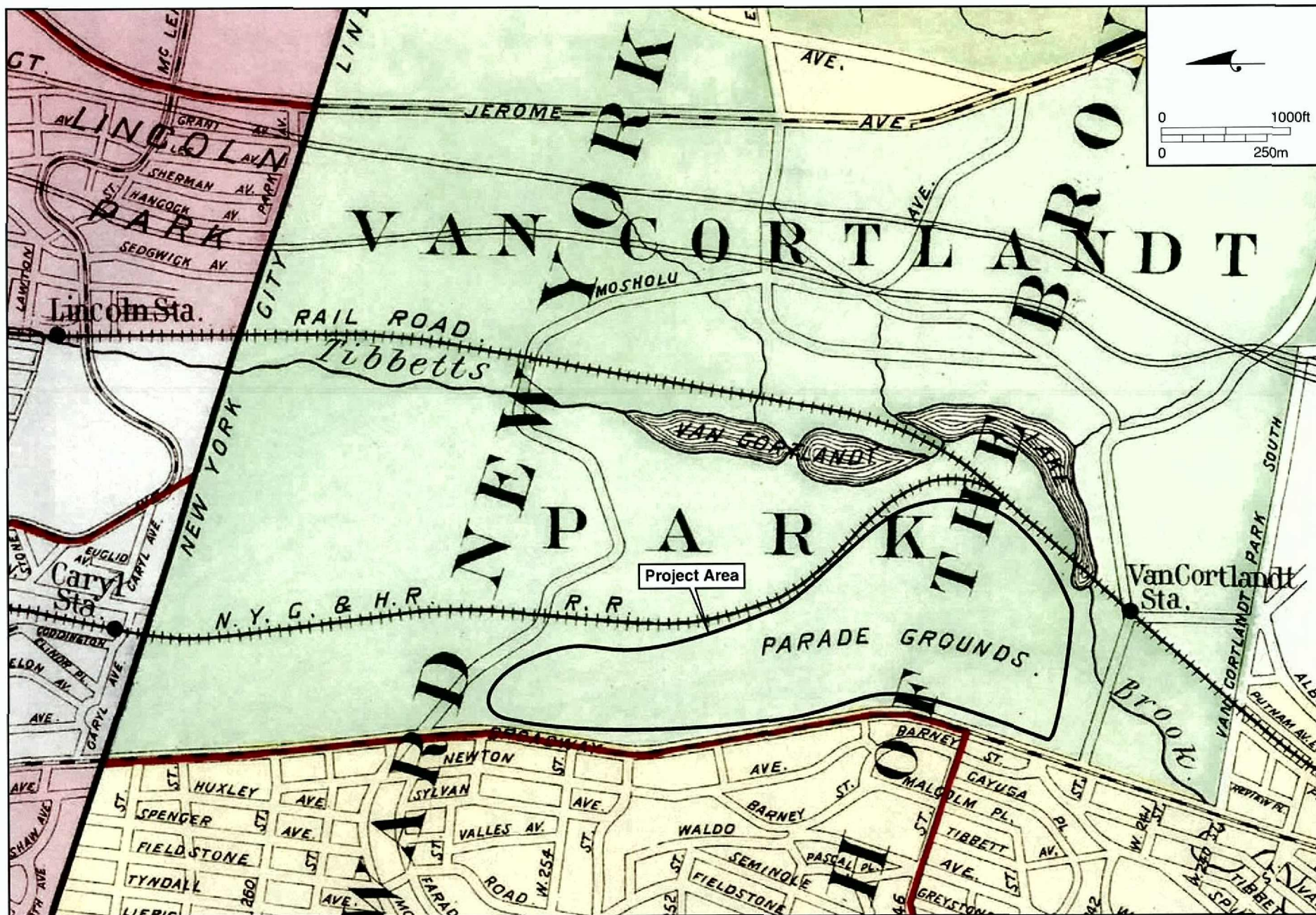


Figure 12. Detail of the 1907 Meuller Atlas of the City of Yonkers showing the newly constructed Parade Ground.

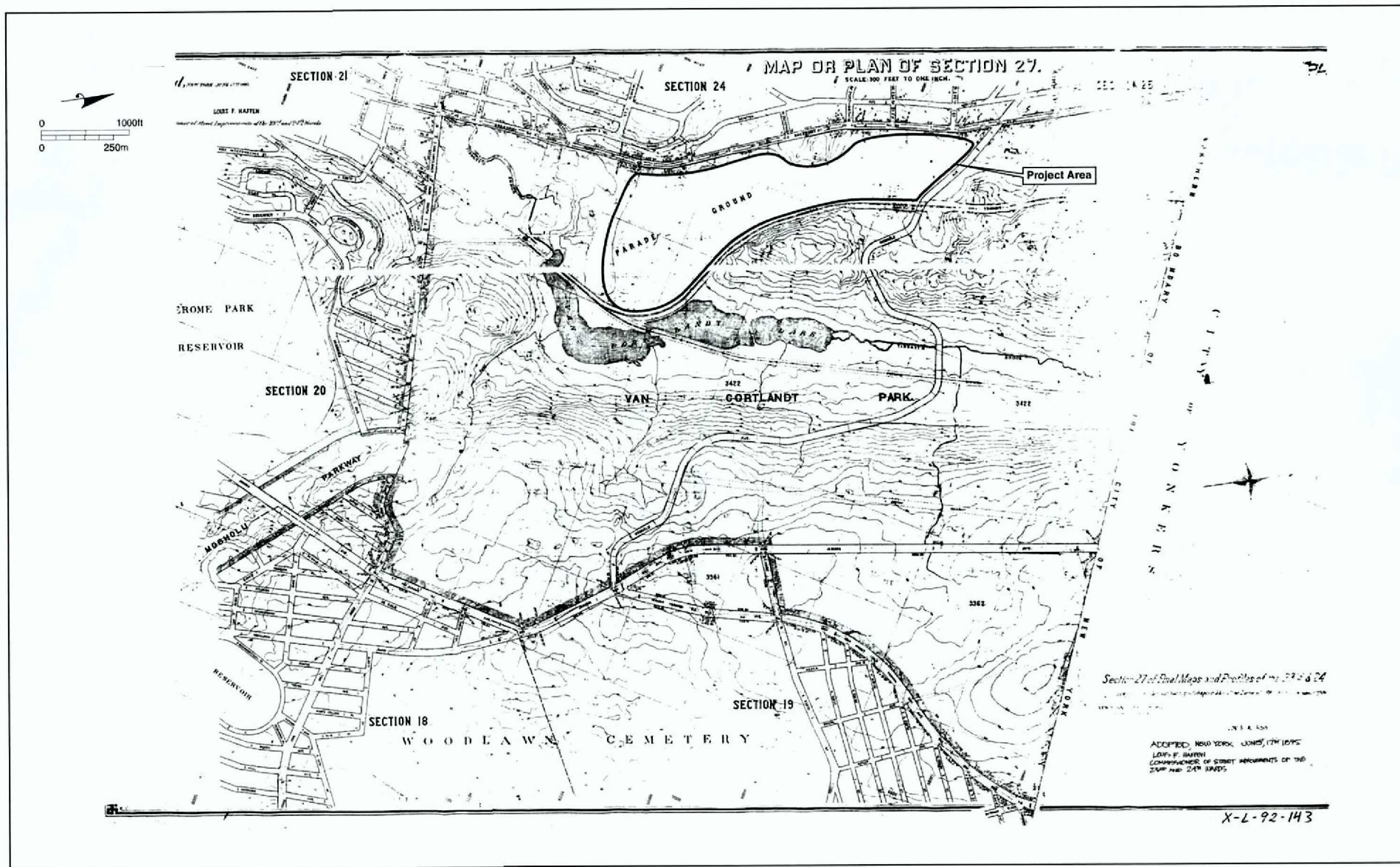


Figure 13. Detail of the (1895) Street Improvement Map or Plan of Section 27 in the 23rd and 24th Wards, showing existing topographical conditions within the Parade Ground Project Area.

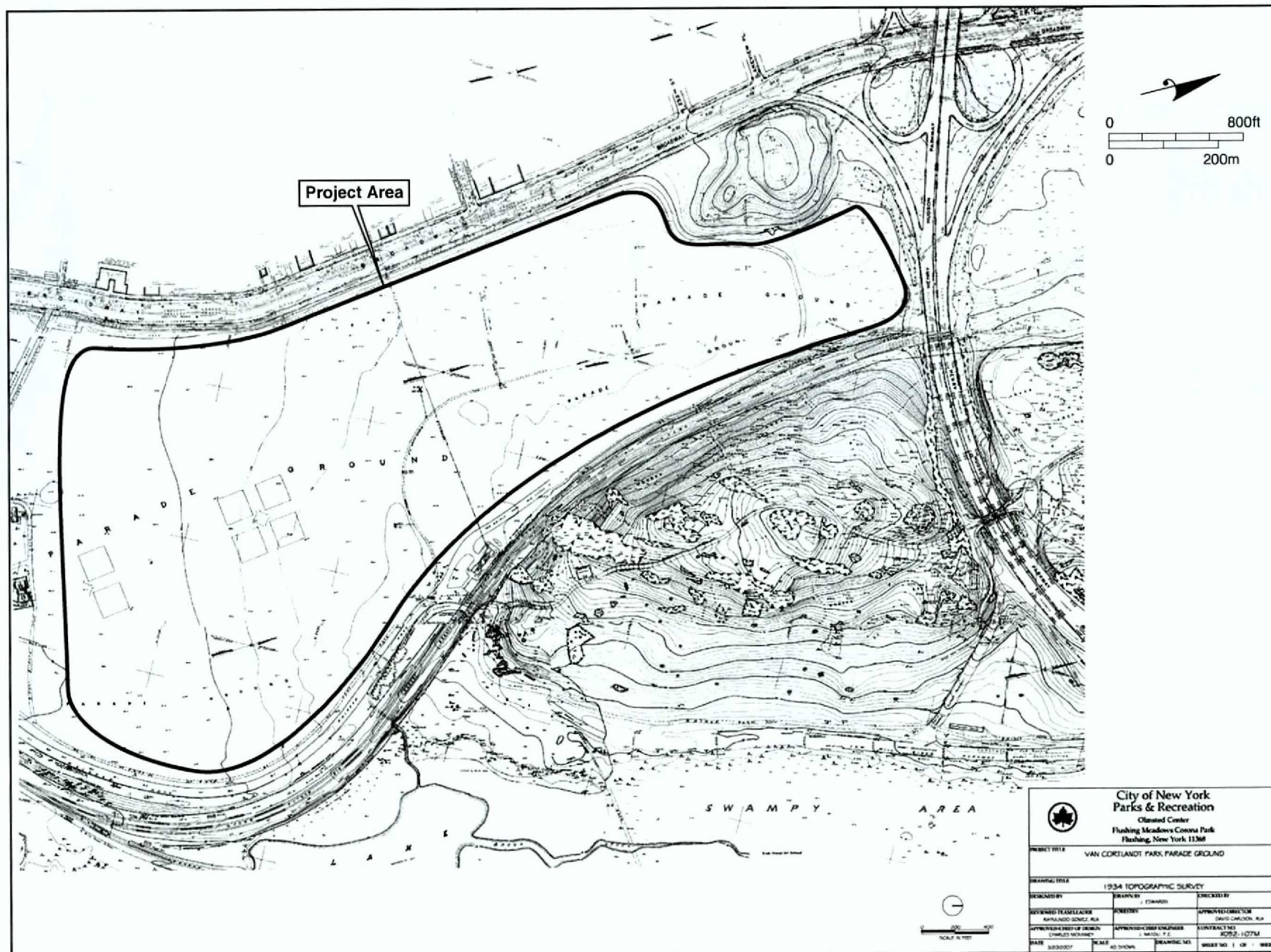


Figure 14. City of New York Parks and Recreation (1934) topographic survey map of the *Van Cortlandt Park Parade Ground* Project Area, showing existing topographic conditions.

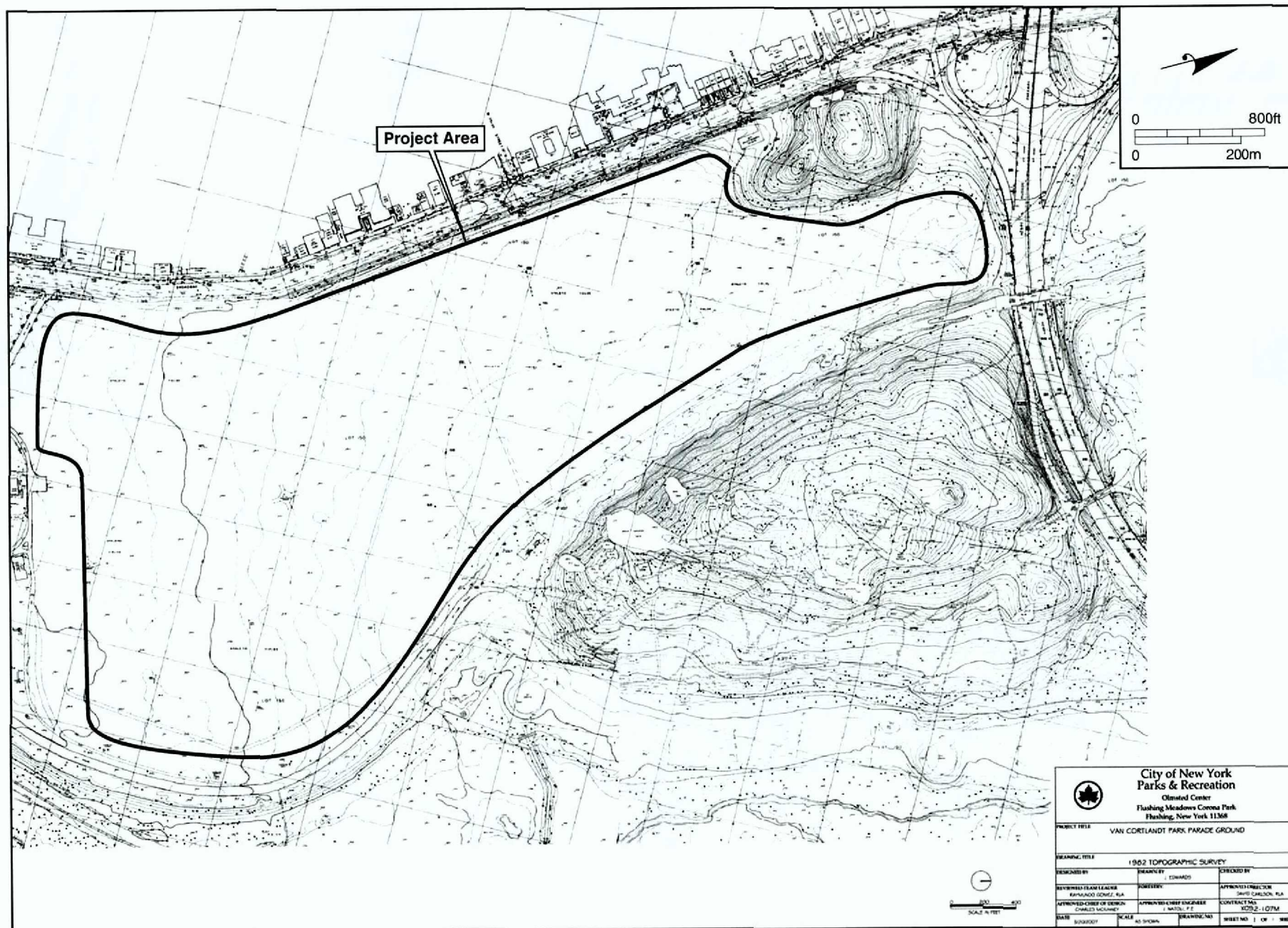


Figure 15. City of New York Parks and Recreation (1982) topographic survey map of the *Van Cortlandt Park Parade Ground*, showing existing topographic conditions.



Figure 16. Project map illustrating changes in the topography of the Parade Ground overtime.



Figure 17. Project map illustrating the approximate depth of fill material, the locations of former hydrologic features and structures within the Parade Ground Project Area.



Figure 18. Project map illustrating archeologically sensitive areas recommended for Phase IB survey.

PHOTOGRAPHS



Photograph 1. Stratigraphy observed in geologic Test Pit 1, view to the west.



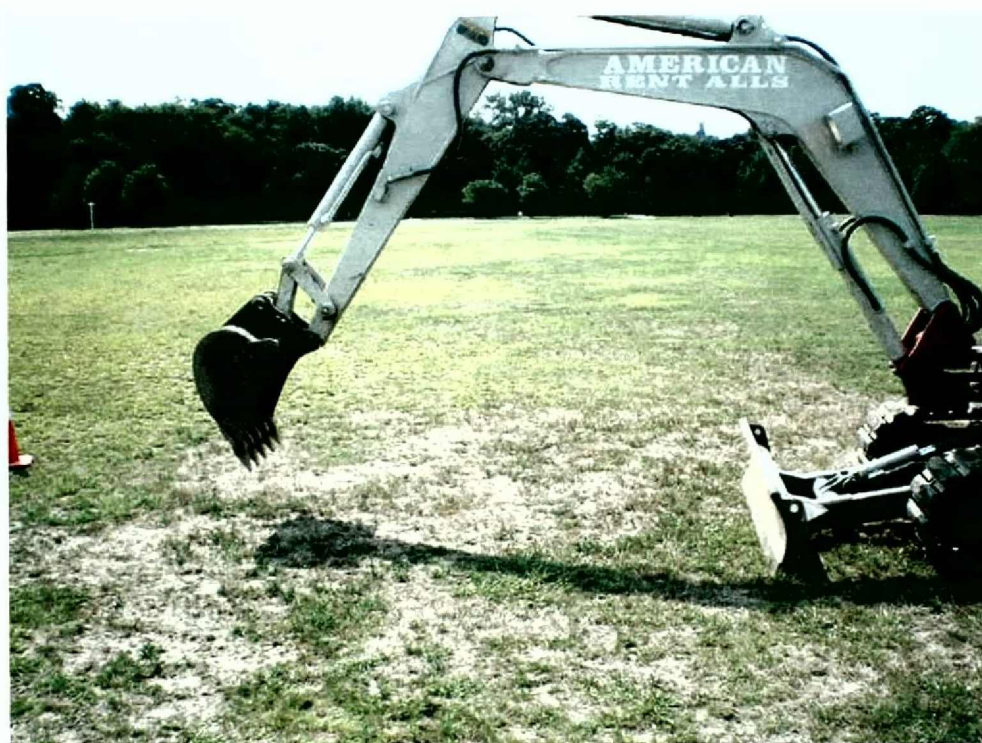
Photograph 2. The location of geologic Test Pit 1 in the northern portion of the Parade Ground, view to the south.



Photograph 3. The location of geologic Test Pit 2, view to the west.



Photograph 4. The stratigraphy observed in geologic Test Pit 2, view to the east.



Photograph 5. The location of geologic Test Pit 3, view to the south.



Photograph 6. Stratigraphy observed in geologic Test Pit 3, view to the south.



Photograph 7. The Van Cortlandt Park Parade Ground playing fields, view to the northwest.



Photograph 8. The Van Cortlandt Park Parade Ground from Van Cortlandt mansion, view to the north.



Photograph 9. The paved walkway/ track along the eastern side of Van Cortlandt Park Parade Ground, view to the northwest.



Photograph 10. The Van Cortlandt Park Parade Ground, view to the south.



Photograph 11. View of the Van Cortlandt Park Parade Ground from Vault Hill, view to the southwest.

APPENDIX A:
INVENTORY OF HUMAN REMAINS RECOVERED FROM
VAN CORTLANDT PARK PARADE GROUND
IN THE COLLECTIONS OF THE
AMERICAN MUSEUM OF NATURAL HISTORY

Appendix A: Inventory of Human Remains Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG	NACCESSION	DONOR	LOCALE	NAME	STORAGE RO	STORAGE LO
1	Jan-87	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6R17	R 1B 3
2	Jan-88	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6R17	R 1B 3
3	Jan-89	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6R17	R 1B 3
4	Jan-90	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
5	Jan-91	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
6	Jan-92	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
7	Jan-93	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
8	Jan-94	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
9	Jan-95	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
10	Jan-96	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
11	Jan-97	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
12	Jan-98	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
13	Jan-99	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
14	Jan-00	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
15	Jan-01	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
16	Jan-02	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
17	Jan-03	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
18	Jan-04	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
19	Jan-05	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
20	Jan-06	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
21	Jan-07	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
22	Jan-08	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
23	Jan-09	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
24	Jan-10	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
25	Jan-11	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
26	Jan-12	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
27	Jan-13	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
28	Jan-14	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
29	Jan-15	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
30	Jan-16	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
31	Jan-17	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
32	Jan-18	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
33	Jan-19	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11

Appendix A: Inventory of Human Remains Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG	NACCESSION	DONOR	LOCALE	NAME	STORAGE RO	STORAGE LO
34	Jan-20	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
35	Jan-21	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
36	Jan-22	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
37	Jan-23	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
38	Jan-24	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
39	Jan-25	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
40	Jan-26	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
41	Jan-27	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
42	Jan-28	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
43	Jan-29	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
44	Jan-30	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
45	Jan-31	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
46	Jan-32	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
47	Jan-33	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
48	Jan-34	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
49	Jan-35	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
50	Jan-36	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
51	Jan-37	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
52	Jan-38	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
53	Jan-39	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
54	Jan-40	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
55	Jan-41	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
56	Jan-42	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
57	Jan-43	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
58	Jan-44	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
59	Jan-45	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
60	Jan-46	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
61	Jan-47	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
62	Jan-48	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
63	Jan-49	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
64	Jan-50	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
65	Jan-51	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
66	Jan-52	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11

Appendix A: Inventory of Human Remains Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG	NACCESSION	DONOR	LOCALE	NAME	STORAGE RO	STORAGE LO
67	Jan-53	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
68	Jan-54	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
69	Jan-55	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
70	Jan-56	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
71	Jan-57	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
72	Jan-58	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
73	Jan-59	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
74	Jan-60	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
75	Jan-61	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
76	Jan-62	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
77	Jan-63	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
78	Jan-64	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
79	Jan-65	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
80	Jan-66	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
81	Jan-67	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
82	Jan-68	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
83	Jan-69	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
84	Jan-70	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
85	Jan-71	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
86	Jan-72	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
87	Jan-73	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
88	Jan-74	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
89	Jan-75	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
90	Jan-76	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
91	Jan-77	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
92	Jan-78	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
93	Jan-79	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
94	Jan-80	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
95	Jan-81	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
96	Jan-82	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
97	Jan-83	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
98	Jan-84	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
99	Jan-85	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11

Appendix A: Inventory of Human Remains Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG	NACCESSION	DONOR	LOCALE	NAME	STORAGE RO	STORAGE LO
100	Jan-86	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
101	Jan-87	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
102	Jan-88	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
103	Jan-89	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
104	Jan-90	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
105	Jan-91	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	BLANK	BLANK
106	Jan-92	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE HUMAN	5FS6	C218T11
107	Jan-93	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
108	Jan-94	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
109	Jan-95	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
110	Jan-96	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
111	Jan-97	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
112	Jan-98	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
113	Jan-99	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
114	Jan-00	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
115	Jan-01	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
116	Jan-02	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
117	Jan-03	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
118	Jan-04	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
119	Jan-05	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
120	Jan-06	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
121	Jan-07	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
122	Jan-08	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
123	Jan-09	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
124	Jan-10	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
125	Jan-11	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
126	Jan-12	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
127	Jan-13	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
128	Jan-14	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
129	Jan-15	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
130	Jan-16	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
131	Jan-17	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11
132	Jan-18	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS HUMAN	5FS6	C218T11

Appendix A: Inventory of Human Remains Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG	NACCESSION	DONOR	LOCALE	NAME	STORAGE RO	STORAGE LO
133	Jan-19	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
134	Jan-20	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
135	Jan-21	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
136	Jan-22	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
137	Jan-24	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
138	Jan-25	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
139	Jan-26	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
140	Jan-27	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
141	Jan-28	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
142	Jan-29	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
143	Jan-30	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
144	Jan-31	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
145	Jan-32	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
146	Jan-33	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
147	Jan-34	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
148	Jan-35	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
149	Jan-36	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
150	Jan-37	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
151	Jan-38	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
152	Jan-39	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
153	Jan-40	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
154	Jan-41	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
155	Jan-42	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
156	Jan-43	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
157	Jan-44	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
158	Jan-46	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
159	Jan-47	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
160	Jan-48	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
161	Jan-49	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
162	Jan-50	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
163	Jan-51	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
164	Jan-52	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
165	Jan-53	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11

Appendix A: Inventory of Human Remains Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG	NACCESSION	DONOR	LOCALE	NAME	STORAGE RO	STORAGE LO
166	Jan-54	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
167	Jan-55	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
168	Jan-56	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
169	Jan-57	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
170	Jan-58	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
171	Jan-59	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
172	Jan-60	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
173	Jan-61	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
174	Jan-62	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
175	Jan-63	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
176	Jan-64	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
177	Jan-65	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
178	Jan-66	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
179	Jan-67	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	BLANK	BLANK
180	Jan-68	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE	5FS6	C218T11
181	Jan-69	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
182	Jan-70	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
183	Jan-72	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
184	Jan-73	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
185	Jan-74	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
186	Jan-75	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
187	Jan-76	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
188	Jan-77	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	REMAINS	5FS6	C218T11
189	Jan-78	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMAN	5FS6	C218T11
190	20 / 6545	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK, Site: PARADE GROUND	REMAINS	5FS6, 5FS6R17	C218T 6, R IB 5

APPENDIX B:
INVENTORY OF ARTIFACTS RECOVERED FROM
VAN CORTLANDT PARK PARADE GROUND
IN THE COLLECTIONS OF THE
AMERICAN MUSEUM OF NATURAL HISTORY

Appendix B: Inventory of Artifacts Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
1	Jan-23	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	NHB	BLANK	5FS6	C218T11
2	Jan-45	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	NHB	BLANK	5FS6	C218T11
3	Jan-71	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	NHB	BLANK	5FS6	C218T11
4	Jan-79	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, ELK (1 PIECE)	BONE	1FS11A	202T 2
5	Jan-80	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SACRUM, ANIMAL, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
6	Jan-81	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SKULL, ANIMAL, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
7	Jan-82	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SACRUM, ANIMAL, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
8	Jan-83	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, DEER (1 PIECE)	BONE	1FS11A	202T 2
9	Jan-84	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VERTEBRA, ANIMAL (1 PIECE)	BONE	1FS11A	202T 2
10	Jan-85	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VERTEBRA, ANIMAL (1 PIECE)	BONE	1FS11A	202T 2
11	Jan-86	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, DEER (3 PIECES)	BONE	1FS11A	202T 2
12	Jan-87	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, DEER (1 PIECE)	BONE	1FS11A	202T 2
13	Jan-88	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SKULL, DOG, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
14	Jan-89	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SKULL, DOG, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
15	Jan-90	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SKULL, DOG, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 1
16	Jan-91	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SKULL, DOG, FRAGMENT (2 PIECES)	BONE	1FS11A	202T 2
17	Jan-92	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, ELK/DEER (1 PIECE)	BONE	1FS11A	202T 2
18	Jan-93	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, ELK/DEER (1 PIECE)	BONE	1FS11A	202T 2
19	Jan-94	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HUMERUS, DOG? (1 PIECE)	BONE	1FS11A	202T 2
20	Jan-95	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, DEER, SPLIT (1 PIECE)	BONE	1FS11A	202T 2
21	Jan-96	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, DEER, SPLIT (1 PIECE)	BONE	1FS11A	202T 2
22	Jan-97	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, SLIT, CHARRED (1 PIECE)	BONE	1FS11A	202T 2
23	Jan-98	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, SLIT, CHARRED (1 PIECE)	BONE	1FS11A	202T 1

Appendix B: Inventory of Artifacts Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
24	Jan-99	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DEER, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
25	Jan-00	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DEER, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
26	Jan-01	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DOG (1 PIECE)	BONE	1FS11A	202T 1
27	Jan-02	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, WOLF (1 PIECE)	BONE	1FS11A	202T 2
28	Jan-03	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DEER (1 PIECE)	BONE	1FS11A	202T 2
29	Jan-04	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, RACCOON (1 PIECE)	BONE	1FS11A	202T 1
30	Jan-05	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DOG, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
31	Jan-06	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DEER, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 1
32	Jan-07	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW,?, FRAGMENT (2 PIECES)	BONE	1FS11A	202T 1
33	Jan-08	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DEER, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
34	Jan-09	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, WOODCHUCK (1 PIECE)	BONE	1FS11A	202T 2
35	Jan-10	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DEER, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 1
36	Jan-11	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW,?, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 1
37	Jan-12	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, DEER, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
38	Jan-13	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, SKUNK (1 PIECE)	BONE	1FS11A	202T 1
39	Jan-14	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW, RACCOON, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 1
40	Jan-15	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	JAW,? (1 PIECE)	SHELL	1FS11A	202T 1
41	Jan-16	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON (1 PIECE)	BONE	1FS11A	202T 2
42	Jan-17	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 2
43	Jan-18	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON (1 PIECE)	BONE	1FS11A	202T 2
44	Jan-19	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON	BLANK	1FS11A	202 T 1
45	Jan-20	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON (1 PIECE)	BONE	1FS11A	202T 1
46	Jan-21	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON (1 PIECE)	BONE	1FS11A	202T 1

Appendix B: Inventory of Artifacts Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
47	Jan-22	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON (1 PIECE)	BONE	1FS11A	202T 1
48	Jan-23	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON (1 PIECE)	BONE	1FS11A	202T 1
49	Jan-24	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PLATE, STURGEON (1 PIECE)	BONE	1FS11A	202T 1
50	Jan-25	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	CUP, TURTLE SHELL, FRAGMENTS (5) (4 PIECES)	BONE	1FS11A	202T 1
51	Jan-26	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, DEER (1 PIECE)	BONE	1FS11A	202T 2
52	Jan-27	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, DEER (1 PIECE)	BONE	1FS11A	202T 2
53	Jan-28	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, ANIMAL (1 PIECE)	BONE	1FS11A	202T 1
54	Jan-29	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, CHARRED (1 PIECE)	BONE	1FS11A	202T 1
55	Jan-30	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, CHARRED (1 PIECE)	BONE	1FS11A	202T 1
56	Jan-31	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, CHARRED (1 PIECE)	BONE	1FS11A	202T 1
57	Jan-32	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, CHARRED (1 PIECE)	BONE	1FS11A	202T 1
58	Jan-33	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, ANIMAL (1 PIECE)	BONE	1FS11A	202T 1
59	Jan-34	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, ANIMAL (1 PIECE)	BONE	1FS11A	202T 2
60	Jan-35	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, ANIMAL (1 PIECE)	BONE	1FS11A	202T 1
61	Jan-36	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HOOF, FAWN, WORKED (1 PIECE)	BONE	1FS11A	202T 1
62	Jan-37	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, CHARRED	BLANK	BLANK	BLANK
63	Jan-38	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, ANIMAL (1 PIECE)	BONE	1FS11A	202T 2
64	Jan-39	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, TURTLE (1 PIECE)	BONE	1FS11A	202T 1
65	Jan-40	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	BONE, DEER, WORKED (1 PIECE)	BONE	1FS11A	202T 2
66	Jan-41	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, BROKEN, CUT (1 PIECE)	BONE	1FS11A	202T 1
67	Jan-42	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	AWL?, BONE (1 PIECE)	BONE	1FS11A	202T 1
68	Jan-43	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	AWL, BONE (1 PIECE)	BONE	1FS11A	202T 1
69	Jan-44	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	AWL, BONE	BLANK	BLANK	BLANK

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#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
70	Jan-45	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	NEEDLE, BONE	BLANK	BLANK	BLANK
71	Jan-46	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, FRAGMENT (1 PIECE)	BONE	1FS11A	202T 1
72	Jan-47	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	IMPLEMENT, BONE, BROKEN (1 PIECE)	BONE	1FS11A	202T 1
73	Jan-48	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, DEER, BROKEN (1 PIECE)	BONE	1FS11A	202T 1
74	Jan-49	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, DEER, BROKEN (1 PIECE)	BONE	1FS11A	202T 2
75	Jan-50	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, DEER, BROKEN (1 PIECE)	BONE	1FS11A	202T 2
76	Jan-51	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, BASE (1 PIECE)	BONE	1FS11A	202T 2
77	Jan-52	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, DEER (1 PIECE)	BONE	1FS11A	202T 2
78	Jan-53	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, ELK, FRAGMENT, WORKED	BLANK	1FS11A	202 T 1
79	Jan-54	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, PRONG (1 PIECE)	BONE	1FS11A	202T 2
80	Jan-55	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	IMPLEMENT, ANTLER, BROKEN	BLANK	BLANK	BLANK
81	Jan-56	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ANTLER, PRONG (1 PIECE)	BONE	1FS11A	202T 2
82	Jan-57	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER (1 PIECE SHELL)		1FS11A	202T 1
83	Jan-58	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER (1 PIECE SHELL)		1FS11A	202T 1
84	Jan-59	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER (1 PIECE SHELL)		1FS11A	202T 1
85	Jan-60	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER (1 PIECE SHELL)		1FS11A	202T 1
86	Jan-61	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER (1 PIECE SHELL)		1FS11A	202T 1
87	Jan-62	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER (1 PIECE SHELL)		1FS11A	202T 1
88	Jan-63	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELLS, OYSTER (2), ON STONE (1 PIECE)	SHELL	1FS11A	202T 1
89	Jan-64	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER, ON STONE (1 PIECE)	SHELL	1FS11A	202T 1
90	Jan-65	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER, CHARRED (1 PIECE)	SHELL	1FS11A	202T 1
91	Jan-66	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, QUAHOG (1 PIECE)	SHELL	1FS11A	202T 1
92	Jan-67	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, QUAHOG (1 PIECE)	SHELL	1FS11A	202T 1

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#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
93	Jan-68	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, SCALLOP (1 PIECE)	SHELL	1FS11A	202T 1
94	Jan-69	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, SCALLOP (1 PIECE)	SHELL	1FS11A	202T 1
95	Jan-70	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, SCALLOP (1 PIECE)	SHELL	1FS11A	202T 1
96	Jan-71	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, MUSSEL (1 PIECE)	SHELL	1FS11A	202T 1
97	Jan-72	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, MUSSEL (1 PIECE)	SHELL	1FS11A	202T 1
98	Jan-73	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, MUSSEL (1 PIECE)	SHELL	1FS11A	202T 1
99	Jan-74	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, MUSSEL (1 PIECE)	SHELL	1FS11A	202T 1
100	Jan-75	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, MUSSEL (1 PIECE)	SHELL	1FS11A	202T 1
101	Jan-76	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, CLAM (1 PIECE)	SHELL	1FS11A	202T 1
102	Jan-77	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, CLAM (1 PIECE)	SHELL	1FS11A	202T 1
103	Jan-78	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, HELIX (1 PIECE)	SHELL	1FS11A	202T 1
104	Jan-79	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, HELIX (1 PIECE)	SHELL	1FS11A	202T 1
105	Jan-80	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, HELIX (1 PIECE)	SHELL	1FS11A	202T 1
106	Jan-81	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, HELIX	BLANK	BLANK	BLANK
107	Jan-82	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, HELIX (1 PIECE)	SHELL	1FS11A	202T 1
108	Jan-83	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, SEA SNAIL (1 PIECE)	SHELL	1FS11A	202T 1
109	Jan-84	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, HELIX (2 PIECES)	SHELL	1FS11A	202T 1
110	Jan-85	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, HELIX (1 PIECE)	SHELL	1FS11A	202T 1
111	Jan-86	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, OYSTER (1 PIECE)	SHELL	1FS11A	202T 1
112	Jan-87	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, SEA SNAIL (1 PIECE)	SHELL	1FS11A	202T 1
113	Jan-88	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, BARNACLE (1 PIECE)	SHELL	1FS11A	202T 1
114	Jan-89	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, BARNACLE	BLANK	BLANK	BLANK
115	Jan-90	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, BARNACLE (1 PIECE)	SHELL	1FS11A	202T 1

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#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
116	Jan-91	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, BARNACLE	BLANK	BLANK	BLANK
117	Jan-92	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELL, BARNACLE (1 PIECE)	SHELL	1FS11A	202T 1
118	Jan-93	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VERTEBRA, FISH (1 PIECE)	BONE	1FS11A	202T 2
119	Jan-94	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VERTEBRA, FISH (1 PIECE)	BONE	1FS11A	202T 2
120	Jan-95	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VERTEBRA, FISH (1 PIECE)	BONE	1FS11A	202T 1
121	Jan-96	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VERTEBRA, FISH (1 PIECE)	BONE	1FS11A	202T 1
122	Jan-97	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VERTEBRA, FISH	BLANK	1FS11A	202 T 1
123	Jan-98	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VESSEL, SHERDS (13) (10 PIECES)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
124	Jan-99	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	VESSEL, SHERDS (4) (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
125	Jan-00	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD, LARGE, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
126	Jan-01	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERDS, DECORATED (0) (3 PIECES)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
127	Jan-02	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD, DRILLED	BLANK	BLANK	BLANK
128	Jan-03	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD, DRILLED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
129	Jan-04	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD, DRILLED	BLANK	BLANK	BLANK
130	Jan-05	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
131	Jan-06	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
132	Jan-07	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
133	Jan-08	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
134	Jan-09	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
135	Jan-10	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
136	Jan-11	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
137	Jan-12	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
138	Jan-13	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4

Appendix B: Inventory of Artifacts Recovered from Van Cortlandt Park Parade Ground in the Collections of the American Museum of Natural History

#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
139	Jan-14	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
140	Jan-15	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	
141	Jan-16	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	
142	Jan-17	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 4	
143	Jan-18	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
144	Jan-19	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
145	Jan-20	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (2 PIECES)	IFS11A	202T 3	
146	Jan-21	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	
147	Jan-22	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
148	Jan-23	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERDS (2) (5 PIECES)	CERAMIC, Technique: POTTERY	IFS11A	202T 4
149	Jan-24	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERDS (2) (3 PIECES)	CERAMIC, Technique: POTTERY	IFS11A	202T 3
150	Jan-25	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	
151	Jan-26	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD, WITH 1/3999 (1 PIECE)	CERAMIC, Technique: POTTERY	IFS11A	202T 3
152	Jan-27	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
153	Jan-28	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	
154	Jan-29	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERDS (2), DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	IFS11A	202T 3
155	Jan-30	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
156	Jan-31	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	
157	Jan-32	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 4	
158	Jan-33	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	
159	Jan-34	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	
160	Jan-35	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 4	
161	Jan-36	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED CERAMIC, Technique: POTTERY (1 PIECE)	IFS11A	202T 3	

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#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
162	Jan-37	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
163	Jan-38	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD	BLANK	BLANK	BLANK
164	Jan-39	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
165	Jan-40	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
166	Jan-41	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
167	Jan-42	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
168	Jan-43	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	POT BASE (3 PIECES)	CERAMIC	1FS11A	202T 3
169	Jan-44	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
170	Jan-45	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD	BLANK	BLANK	BLANK
171	Jan-46	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
172	Jan-47	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
173	Jan-48	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
174	Jan-49	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
175	Jan-50	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
176	Jan-51	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
177	Jan-52	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
178	Jan-53	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
179	Jan-54	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
180	Jan-55	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
181	Jan-56	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
182	Jan-57	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD, SMALL VESSEL (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
183	Jan-58	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED	BLANK	BLANK	BLANK
184	Jan-59	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3

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185	Jan-60	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
186	Jan-61	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
187	Jan-62	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
188	Jan-63	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
189	Jan-64	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
190	Jan-65	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
191	Jan-66	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
192	Jan-67	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
193	Jan-68	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
194	Jan-69	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
195	Jan-70	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD	BLANK	1FS11A	202 T 3
196	Jan-71	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
197	Jan-72	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
198	Jan-73	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	RIM SHERD, DECORATED (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
199	Jan-74	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 3
200	Jan-75	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHERD, WITH 1/4071 (1 PIECE)	CERAMIC, Technique: POTTERY	1FS11A	202T 4
201	Jan-76	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	MORTAR/ANVIL, STONE (1 PIECE)		1FS11A	202T 5
202	Jan-77	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	MORTAR/ANVIL, STONE (1 PIECE)		1FS11A	202T 5
203	Jan-78	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HAMMERSTONE (1 PIECE)		1FS11A	202T 5
204	Jan-79	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HAMMERSTONE (1 PIECE)		1FS11A	202T 5
205	Jan-80	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HAMMERSTONE	BLANK	DEACCESSIONED	BLANK
206	Jan-81	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HAMMERSTONE	BLANK	DEACCESSIONED	BLANK
207	Jan-82	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HAMMERSTONE, PITTED (1 PIECE)	STONE	1FS11A	202T 5

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#	CATALOG N	ACCESSION	DONOR	LOCALE	NAME	MATERIAL	STORAGE RO	STORAGE LO
208	Jan-83	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	CLUB HEAD, NOTCHED (1 PIECE)	STONE	1FS11A	202T 5
209	Jan-84	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	CLUB HEAD, NOTCHED (1 PIECE)	STONE	1FS11A	202T 5
210	Jan-85	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SINKER, NOTCHED (1 PIECE)	STONE	1FS11A	202T 5
211	Jan-86	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SINKER, NOTCHED (1 PIECE)	STONE	1FS11A	202T 5
212	Jan-87	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	CHIPPED OBJECTS, LARGE (1 PIECE)	STONE	1FS11A	202T 5
213	Jan-88	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	HOE, STONE, POLISHED (1 PIECE)	STONE	1FS11A	202T 5
214	Jan-89	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	IMPLEMENT, CHIPPED, BROKEN (1 PIECE)	STONE	1FS11A	202T 5
215	Jan-90	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	CLUB, STONE, FLAT (1 PIECE)	STONE	1FS11A	202T 5
216	Jan-91	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PESTLE, FRAGMENT (1 PIECE)	STONE	1FS11A	202T 5
217	Jan-92	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	FRAGMENTS (2), RED SLATE (1 PIECE)	STONE	1FS11A	202T 5
218	Jan-93	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	FRAGMENTS (2), RED SLATE (1 PIECE)	STONE	1FS11A	202T 5
219	Jan-94	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	PAINT STONE, HEMATITE (1 PIECE)	STONE	1FS11A	202T 5
220	Jan-95	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ARROWPOINT, CHERT (1 PIECE)	STONE	1FS11A	202T 4
221	Jan-96	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	POINT	BLANK	BLANK	BLANK
222	Jan-97	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	KNIFE (1 PIECE)	STONE	1FS11A	202T 4
223	Jan-98	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ARROWPOINT, BROKEN (1 PIECE)	STONE	1FS11A	202T 5
224	Jan-99	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	DRILL, BROKEN (1 PIECE)	STONE	1FS11A	202T 5
225	Jan-00	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ARROWPOINT (1 PIECE)	STONE	1FS11A	202T 5
226	Jan-01	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ARROWPOINT (1 PIECE)	STONE	1FS11A	202T 5
227	Jan-02	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	WAR POINT, QUARTZ (1 PIECE)	STONE (QUARTZ)	1FS11A	202T 4
228	Jan-03	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	ARROWPOINT, QUARTZ (1 PIECE)	STONE	1FS11A	202T 4
229	Jan-04	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	SHELLS (4), HICKORY NUT, CHARRED	BLANK	BLANK	BLANK
230	Jan-05	1895-30	JAMES, J.B., JR.	NY, BRONX COUNTY, BRONX, VAN CORTLANDT PARK	CHARCOAL FRAGMENTS (11)	BLANK	BLANK	BLANK