

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
NORTHEAST REGION

FINAL ARCHAEOLOGICAL RESOURCES PROTECTION ACT
SITE DAMAGE ASSESSMENT REPORT
GOVERNORS ISLAND NATIONAL MONUMENT

REC
5/27/09

New York County
Governors Island, New York

September 2008

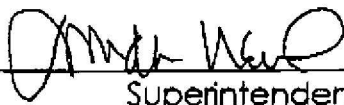


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Report Certification

The archeological report *Final Archaeological Resources Protection Act Site Damage Assessment Report Governors Island National Monument* by Stuart Eldridge of Tetra Tech, Inc., has been reviewed against the criteria contained in 43 CFR Part 7.18(a)(1) and upon recommendation of the Park Archeological Advisor has been classified as "Available."


Superintendent

2-3-09
Date

Classification Key Words:

"Available" - Making the report available to the public meets the criteria of 43 CFR 7.18 (a)(1).

"Available (deletions)" - Making the report available with selected information on site locations and/or site characteristics deleted meets the criteria of 43 CFR (a) (1). A list of pages, maps, paragraphs, etc. that must be deleted from each report in this category is attached.

"Not Available" - Making the report available does not meet the criteria of 43 CFR (a) (1).

MANAGEMENT SUMMARY

SHPO Project Review Number (if available): Not Available

Involved State and Federal Agencies (DEC, CORPS, FHWA, etc.): U.S. National Park Service,
Governors Island National Monument

Phase of Survey: ARPA Damage Assessment

Location Information

Location: Governors Island, New York

Minor Civil Division: GOIS National Monument

County: New York County

Survey Area (Metric and English)

Length: Not applicable

Depth (when appropriate): maximum 1.3 meters in hand excavated trenches

Number of Acres Surveyed: Not applicable

Number of Square Meters and Feet Excavated (Phase II, Phase III only): 27.5 square meters

Percentage of the Site Excavated (Phase II, Phase III only): Not applicable

USGS 7.5-Minute Quadrangle Map: Jersey City, NJ-NY, 1967 Photo Revised 1981

Archaeological Survey Overview

Number and Interval of Trench Excavations: 4 hand excavated trenches; 6 machine assisted
trenches

Number and Size of Units: hand excavated trenches: three 1m x 7.5; one 1m x 5m

Width of Plowed Strips: Not applicable

Surface Survey Transect Interval: Not applicable

Results of Archaeological Survey

Number and name of prehistoric sites identified: 0

Number and name of historic sites identified: 0

Number and name of sites recommended for Phase II/Avoidance: ASMIS GOIS-00018,
("Covered Defile") recommended for avoidance and
monitoring

Results of Architectural Survey

Number of buildings/structures/cemeteries within project area: Not applicable

Number of buildings/structures/cemeteries adjacent to project area: Not applicable

Number of previously determined NR listed or eligible

building/structures/cemeteries/districts: Not applicable

Number of identified eligible buildings/structures/cemeteries/districts: Not applicable

Report Author(s): Dr. Stuart Eldridge, Ph.D.

Date of Report: September 9, 2008

ABSTRACT

In April of 2008, the Tetra Tech, Inc., Cultural Resources Group performed an Archaeological Resources Protection Act (ARPA) Damage Assessment investigation for the Governors Island National Monument (GOIS), Governors Island, New York. The purpose of this GOIS ARPA Damage Assessment was to assess the prehistoric or historic archaeological deposits and features that may have been disturbed during the construction and excavations related to golf course landscaping and restoration in July, 2006.

Completion of the GOIS ARPA Damage Assessment fieldwork involved stratigraphic excavation of three (3) 1 m x 7.5 m hand excavated trenches and one (1) 1 m x 5 m hand excavated trench in Area 1 in the vicinity of the "covered defile" (ASMIS GOIS-00018). Additionally, backhoe assisted trenching was performed within several existing golf course features (greens and sand traps) in three areas (Areas 2-4) also presumed affected by disturbance due to the 2006 golf course re-contouring of the landscape. The GOIS is located on the USGS 7.5' series Jersey City, NJ-NY, 1967, Photo Revised 1981 topographic map.

The archaeological excavations for the Assessment in Area 1 produced historic period artifacts or materials, such as nails, glass fragments, ceramics, pipe stem fragments, coins, gunflints, bullets and shell casings, etc., present as a result of multiple periods of use and repeated historic and contemporary period modifications and fill episodes related to the "covered defile" and its associated walls and features. The "covered defile" wall system, as an entity, appears to have been subject to repeated, pre-2006 impacts, perhaps as a direct result of the original golf course construction in the 1930s, coupled with multiple, military construction episodes, utilities installations, and modifications to the glacial surrounding Ft. Jay, resulting in a relatively similar physical appearance of the remnant walls and features associated with the "covered defile", regardless of Assessment trench locations. With the exception of historic features uncovered in Area 1 associated with the "covered defile", there was no indication of definable historic or prehistoric period features within any of the machine assisted trenches in Areas 2 - 4. Golf course re-contouring and landscaping in 2006 have apparently not impacted potential archaeological sites, cultural features, or buried A soil horizons in Areas 2-4, as the 2006 efforts consisted of shallow depth modifications, essentially impacting previous, 1930s era golf course construction features.

Since much of the loss of integrity of the "covered defile" and its features appears to have occurred during earlier historic periods, prior to the 2006 golf course re-contouring and landscaping work, TT recommends that an attempt to repair discernable and specific 2006 landscaping impacts may actually compromise extant "covered defile" features or obscure earlier, historic period modifications. Because of the multiple historic and contemporary period feature modifications and resultant discontinuities, and apparent design differences, it would be difficult to reconstruct the "covered defile" walls to pre-2006 conditions, in effect running the risk of creating a fabrication rather than an accurate reconstruction. TT recommends that the "covered defile" and its associated features be protected in situ from any further ground disturbance, with the exception of potential, future historical archaeological investigations, and its condition periodically monitored.

This report of the GOIS ARPA Damage Assessment Archaeological Investigation Project, June 2008, is authored and produced solely by Dr. Stuart Eldridge, Ph.D. and Sarah M. Haugh, B.S., of Tetra Tech, Inc., Cultural Resources Group, Portland, Maine.

TABLE OF CONTENTS

SECTION	PAGE
MANAGEMENT SUMMARY	I
ABSTRACT	II
ACRONYMS AND ABBREVIATIONS	iii
ACKNOWLEDGEMENTS.....	iv
1.0 INTRODUCTION.....	1
2.0 GOIS PROJECT DESCRIPTION.....	2
2.1 BACKGROUND INFORMATION.....	2
2.2 ENVIRONMENTAL SETTING.....	2
2.3 PAST AND PRESENT LAND USE.....	4
2.4 EXISTING ARCHAEOLOGICAL SITES AND SENSITIVITY ASSESSMENT.....	4
2.4.1 Existing Archaeological Sites	4
2.4.2 Sensitivity Assessment.....	6
3.0 ARPA DAMAGE ASSESSMENT INVESTIGATION METHODS AND PROCEDURES	7
3.1 ARPA DAMAGE ASSESSMENT ARCHAEOLOGICAL INVESTIGATION	7
3.2 DISTURBANCE	7
3.3 TESTING RECOMMENDATIONS.....	7
4.0 ARPA DAMAGE ASSESSMENT INVESTIGATION RESULTS.....	14
4.1 AREA EVALUATIONS AND TRENCH EXCAVATIONS.....	14
5.0 INTERPRETATIONS AND RECOMMENDATIONS	18
5.1 INTERPRETATIONS	18
5.2 RECOMMENDATIONS	19
6.0 REFERENCES.....	20

APPENDICES

APPENDIX	DESCRIPTION
A	COLOR DIGITAL PHOTOGRAPHIC LOG
B	BLACK AND WHITE 35mm PRINT PHOTOGRAPHS
C	AREA 1 TRENCH ARTIFACT INVENTORY
D	TRENCH PROFILES AND FLOOR PLANS
E	ANCS+ REPRESENTATIVE CATALOG OF ARTIFACTS, SELECTED FIELDS
F	NPS SCOPE OF WORK, ARCHAEOLOGICAL INVESTIGATIONS, GOVERNORS ISLAND NM

FIGURES

FIGURE	PAGE
Figure 1.	Location of the GOIS ARPA Damage Assessment, Governors Island, New York County, NY 3
Figure 2.	Area and Trench Locations for the GOIS ARPA Damage Assessment Project, Governors Island, New York County, NY 8
Figure 3.	Area 1 Trench Location Detail for the GOIS ARPA Damage Assessment Project, Governors Island, New York County, NY 9
Figure 4.	1813 Map Excerpt Depicting Fort Jay, “Covered Defile”, and Castle Williams 10
Figure 5.	1886 Engraving of “Covered Defile” Connecting Fort Jay and Castle Williams 11
Figure 6.	1886 Map Depicting “Proposed Barbette Battery” 13
Figure 7.	Location and Number of Color Digital Photos for the GOIS ARPA Damage Assessment, Governors Island, New York County, NY 22

TABLES

TABLE	PAGE
Table 1.	Archaeological Sites Within GOIS 5

ACRONYMS AND ABBREVIATIONS

AMSL	Above mean sea level
ANCS+	Automated National Catalog System
ARPA	Archaeological Resources Protection Act
APE	Project area of potential effect
ASMIS	Archaeological Sites Management Information System
B.P.	Before Present
GIPEC	Governors Island Preservation and Education Corporation
GOIS	Governors Island National Monument
GPS	Global Positioning System
LBA	Louis Berger & Associates, Inc.
NPS	National Park Service
NRAP	Northeast Region Archaeology Program
NRHP	National Register of Historic Places
NYSOPRHP	New York State Office of Parks, Recreation, and Historic Preservation
PAL	Public Archaeology Laboratory, Inc.
SOW	Scope of Work
TT	Tetra Tech, Inc.
UMASS	University of Massachusetts, Amherst
USDA	United States Department of Agriculture
USGS	United States Geological Survey

ACKNOWLEDGEMENTS

This GOIS ARPA Damage Assessment report was prepared for the U.S. Department of the Interior, National Park Service, Governors Island National Monument by Tetra Tech, Inc. The scientific content of the report was produced solely by Tetra Tech, Inc.

Stuart Eldridge, Ph.D., and Ms. Sarah Haugh, B.S., were the primary authors of this report and conducted the Damage Assessment. Danielle DaDiego, B.S., provided the laboratory analysis and ANCS+ Rediscovery artifact cataloging and archival storage. Tetra Tech, Inc. would like to express appreciation for the information and support given by William A. Griswold, COTR, Linda Neal, Superintendent GOIS, Edward Lorenzini, Head of Maintenance GOIS, Michael Shaver and Ilyse Goldman, Park Rangers GOIS, and the Governors Island National Monument administration and staff during the course of the GOIS ARPA Damage Assessment.

1.0 INTRODUCTION

An ARPA Damage Assessment (Assessment) of the Governors Island National Monument (GOIS), Governors Island, New York, was undertaken by Tetra Tech, Inc. (TT) Cultural Resources Group, Portland, Maine in April of 2008. This survey was conducted on behalf of the National Park Service (NPS) and GOIS, in accordance with cultural resource management practices as required on the Federal and state level. Specifically, the cultural resource investigation was conducted in accordance with the National Historic Preservation Act of 1966, as amended, the Archaeological Resources Protection Act of 1979, as amended, Executive Order 11593, the regulations of the Advisory Council on Historic Preservation (36 Code of Federal Regulations [CFR] 800), Section 14.09 of the New York State Parks, Recreation and Historic Preservation Law of 1980, and the New York Archaeological Council's (NYAC) *Standards for Cultural Resource Investigations and Curation of Collections* (1994).

The Assessment involved controlled archaeological subsurface testing and machine assisted trenching of portions of the GOIS currently developed as maintained grounds and golf course by GOIS and utilized by staff and the visiting public. The subsurface investigations were conducted at selected sites selected by GOIS (see Appendix E, Scope of Work [SOW]) and considered potentially sensitive for prehistoric or historic archaeological resources and features. The purpose of this ARPA Damage Assessment was to assess the damage done by the 2006 golf course excavations and re-contour of the landscape so that final ARPA damage totals can be established and restoration completed as necessary.

Fieldwork was completed under the direction of the Principal Investigator, Dr. Stuart Eldridge. Dr. Eldridge was assisted by Ms. Sarah Haugh, Level III Archaeological Field Supervisor and Laboratory Supervisor.

This Assessment report consists of the sections listed below.

- Section 1.0, Introduction, discusses the purpose of the ARPA Damage Assessment archaeological investigation and describes the report organization.
- Section 2.0, GOIS Description, discusses the Project background, environmental setting, prehistoric and historic context, and previous archaeological research.
- Section 3.0, ARPA Damage Assessment Methods and Procedures, discusses the Project's archaeological sensitivity and assumptions and methods used to evaluate archaeological and cultural resources within the Project.
- Section 4.0, ARPA Damage Assessment Results, discusses the results of the Phase I archaeological investigation based on information gathered using the methods discussed in Section 4.0.
- Section 5.0, Interpretations and Recommendations, summarizes the ARPA Damage Assessment archaeological investigation and presents recommendations based on the ARPA Damage Assessment archaeological investigation findings.
- Section 6.0, References, lists references used to prepare this report.

In addition, this report includes the following appendices:

- Appendix A, Color Digital Photographic Log
- Appendix B, Black and White 35mm Print Photographs
- Appendix C, Area 1 Trench Artifact Inventory
- Appendix D, Trench Profiles and Floor Plans
- Appendix E, ANCS+ Representative Catalog of Artifacts, Selected Fields
- Appendix F, Scope of Work, Archaeological Investigations, Governors Island NM

2.0 GOIS PROJECT DESCRIPTION

The GOIS background information, environmental setting, past and present land use, existing archaeological sites, and sensitivity assessment are discussed below.

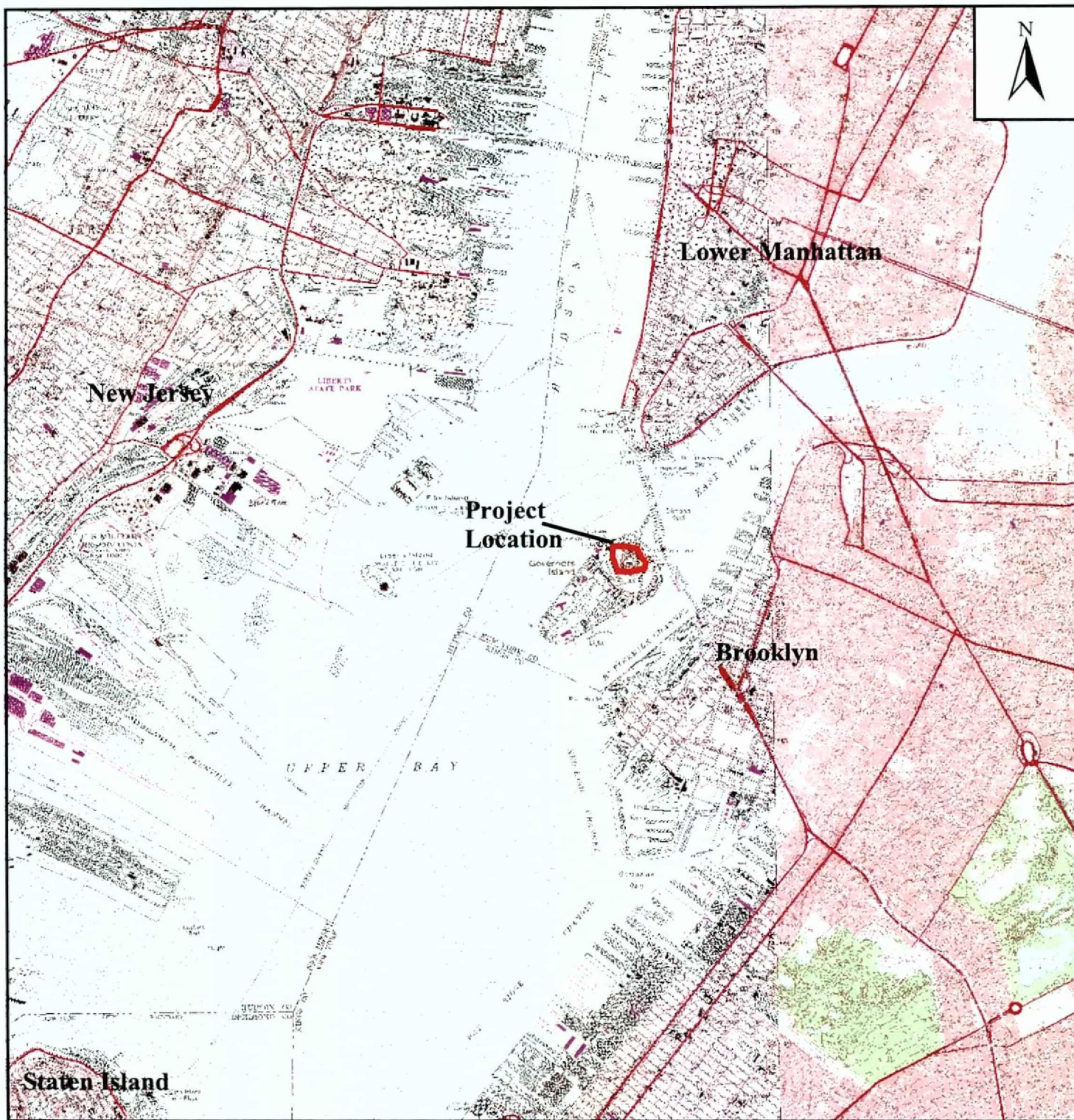
2.1 BACKGROUND INFORMATION

The Assessment location is on Governors Island, New York, on USGS 7.5' series topographic quadrangle 7.5' Jersey City, NJ-NY, 1967, Photo Revised 1981 map (see Figure 1). The Assessment is located within the northernmost portion of Governors Island within the 22.78-acre GOIS on the golf course grounds and the glacia in close proximity to Fort Jay's defenses. The Fort Jay glacia is an open, mowed field surrounded by former military installation residences and support facilities, and used by the public and park personnel for recreational activities and GOIS related, historic tours. The glacia primarily exhibits well-drained, gently sloping terrain, increasingly steeper on approaching the Ft. Jay outer defenses. Maximum elevation across the Assessment area is approximately 40 feet (13.3 meters) above mean sea level (AMSL).

2.2 ENVIRONMENTAL SETTING

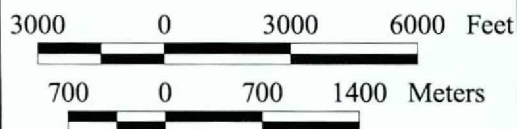
Governors Island physiography is characterized by glacial landforms created during the Laurentide glaciation of southern New England ca. 23,000 – 18,000 B.P. (Oldale 1989) and subsequently modified by sea level rise and marine erosion processes. Postglacial sea level rise slowed ca. 9,000 – 4,000 B.P. aiding the formation of barrier islands and inlets. Additionally, littoral processes have produced increased deposition of sediments on Governors Island and have caused subsequent inlet migrations and the formation of tidal estuaries, marshes, barrier beaches, lagoons, spits, and sand bars (Thompson, ed. 1977). Governors Island itself is thus partly formed by glacial activity (that portion encompassed by the GOIS) and also by artificial fill produced and deposited purposely as a result of the construction of the Lexington Avenue subway between 1902 and 1911 (Garman and Herbster 1996). Soils on Governors Island within the GOIS appear to be characterized by relatively shallow, acid soils overlying glacial till deposits.

Current vegetation on Governors Island consists of landscaped plantings and manicured lawn, with little or no hint of historic vegetation or forest cover. During the early colonial period, the island was known as Nut or Nutton Island, due to the presence of oak, chestnut, walnut, and hickory trees (Wright and Binzen 2003). Prior to the colonial period and the onset of a long history of construction and modification to the island environs, other areas, particularly near the shoreline, probably exhibited varying vegetative species including holly, sassafras, pitch pine, wild rose, poison ivy, and beach grass. The ocean is a major moderating influence on the climate of Governors Island (western Long Island), with average daily temperature ranges from a January low of 23° Fahrenheit (-5° C) to a July high of 83° Fahrenheit (28.3°C) (Fletcher and Kintz 1979, Weather.com 2005).



Project Location

Source: USGS 7.5' Series Topographic Quadrangles, Jersey City, N.J. - N.Y. 1967, photorevised 1981, and Brooklyn, N.Y. 1967, photorevised 1979.



LEGEND



Project Location

Figure 1. Location of the GOIS ARPA Damage Assessment, Governors Island, New York County, NY.

Client:



National Park Service

Prepared By:



TETRA TECH, INC.

Date:

06/2008

2.3 PAST AND PRESENT LAND USE

As sea levels began to stabilize ca 4,000 years ago Governors Island became suitable for human land use activities such as hunting and fishing (Conkey et al. 1978, Snow 1980). Presumably during the late Archaic period (6,000 – 3,000 B.P.) native populations may have utilized the island's available marine and land resources, along with similar opportunities on neighboring western Long Island (Dincauze 1975, Dincauze and Mulholland 1977, Fletcher and Kintz 1979). The Archaic period was typified by small populations of hunter / gather / fishers. Population increase correlating with the introduction of agriculture and pottery typified the Woodland period (3,000 – 400 B.P.) (Salwen 1978), and there is an indication that there may have been an occupation on Governors Island ca. 1,100-500 B.P. during the Late Woodland Period (Garman and Russo 1998; Wright and Binzen 2003).

Certainly by the Contact Period (1520 - 1650 A.D.) native populations of the western Long Island and New York harbor area were flourishing. Tribes that occupied the western end of Long Island and New York harbor include the Mannhattans, Canarsee, Rockaway, Matinecock, and Merrick (Brasser 1978, Salwen 1978) and potentially these sub-groups of the Lenni-Lenape/Delaware selected Governors Island as a likely inclusion in the resource extraction schedule. European settlers and native populations, for the most part, had amiable relations, though marred of course by periods of friction and hostilities. Land use continued to be focused on marine resources during the contact period and well into the 19th century, typical activities included off-shore whaling, trap fishing, shell fishing, and fish processing. The beaches of nearby Long Island were also utilized for salt hay production and cattle grazing (Fletcher and Kintz 1979).

Following brief, initial, documented contacts with the native inhabitants of New York harbor and explorations by Verazzano in 1524 and Hudson in 1609, Governors Island eventually served as an early settlement base for the Dutch New Netherlands enterprise in 1624, followed by fort construction on the island the following year (Wright and Binzen 2003). All Dutch settlers removed to lower Manhattan by 1626, however, and for most of the duration of Dutch control, Governors Island was privately owned by various entrepreneurs and government officials and a site for basic agricultural and industrial pursuits, such as pasturage and lumber production. The English succeeded the Dutch, taking final control of New Netherlands in 1674. During the English colonial, pre-revolutionary period, Governors Island appears to have continued in its role as primarily for agricultural usage and, with its apportioning as part of the royal governor's demesne in 1699, as an officially sanctioned station or retreat for government officials, although occasionally leased to private citizens (Wright and Binzen 2003). Notable events or interludes involving Governors Island during this period include use as a quarantine station for the Palatine refugees in the early years of the 18th century, followed during the French and Indian War with use as a garrison for British and recruited American troops.

At the onset of the Revolutionary War there was no documented occupation of Governors Island (Wright and Binzen 2003). British occupation of the island in 1776, following the American retreat in the face of the British military advance via Long Island, resulted in extensive modifications and additions to the deserted defenses constructed by the Americans earlier that same year. At war's end, Governors Island was returned to American (and state Governor) control, but essentially remained dormant until 1794 with the inception of an organized and systematic program of design and construction of harbor and coastal defenses for the fledgling nation beginning with Fort Jay (built between 1794-1808) and Castle Williams (built between 1807-1811). Once completed, the early 19th century forts and batteries on Governors Island marked the beginning of a nearly two-hundred year occupation of the island as an important military defensive, staging, and recruiting installation, ending in 1996 with the departure of the United States Coast Guard.

2.4 EXISTING ARCHAEOLOGICAL SITES AND SENSITIVITY ASSESSMENT

2.4.1 Existing Archaeological Sites

Based primarily on past archaeological research and testing within GOIS performed by Louis Berger & Associates, Inc. (LBA) in 1986, 1987, and 1995 (LBA 1986, 1987, 1995), and the Public Archaeology Laboratory, Inc. (PAL) in 1996, 1997, and 2000 (Garman and Herbster 1996, Herbster et al. 1997, Garman et al. 2000), there are presently two known prehistoric archaeological sites within the GOIS. At this time, twenty-six historic archaeological sites are known to exist within the GOIS, including the NRHP listed Fort Jay fortification and Castle Williams fortification (see Table 1).

Table 1. Archaeological Sites Within GOIS.

ASMIS Site #	Additional Site #	Distance from APE m (ft)	Time Period	Site Type
GOIS-00001		< 1.6 km (1mile)	Historic	Military (Castle Williams)
GOIS-00002		< 1.6 km (1mile)	Historic	Military: Tampa Memorial Library
GOIS-00003		< 1.6 km (1mile)	Historic	Military: Fort Jay (Fort Columbus; Building 201)
GOIS-00004		< 1.6 km (1mile)	Historic	Military: Underground Magazine #200
GOIS-00007	NE 06101.007420	< 1.6 km (1mile)	Pre-Contact	Native American activity area
GOIS-00008		< 1.6 km (1mile)	Pre-Contact	Native American activity area
GOIS-00011		< 1.6 km (1mile)	Historic	Governors House Site (18 th Century)
GOIS-00012		< 1.6 km (1mile)	Historic	Andes Road Historic Cemetery
GOIS-00013		< 1.6 km (1mile)	Historic	Military: British Hospital Site
GOIS-00014		< 1.6 km (1mile)	Historic	Military: British Hotel (barracks) Site
GOIS-00015		< 1.6 km (1mile)	Historic	Military: Pre-1812 Powder Magazine Site
GOIS-00016		< 1.6 km (1mile)	Historic	Military: Fort Jay Earthworks Site/Feature 7
GOIS-00018		< 1.6 km (1mile)	Historic	Military: Tunnel between Fort Jay and Castle Williams ("covered defile")
GOIS-00023		< 1.6 km (1mile)	Historic	Unknown Structure 1 Historic Site
GOIS-00024		< 1.6 km (1mile)	Historic	Tower Building Site
GOIS-00026		< 1.6 km (1mile)	Historic	Military: Barbette Battery Site
GOIS-00028		< 1.6 km (1mile)	Historic	Military: 1879 "Bath House" #62 Site
GOIS-00030		< 1.6 km (1mile)	Historic	Military: Engineer's Buildings 47, 48, and 49 Sites
GOIS-00035		< 1.6 km (1mile)	Historic	Military: Pavilion Hospital 1 Site
GOIS-00036		< 1.6 km (1mile)	Historic	Military: Rifle Ranges Site

Table 1. Archaeological Sites Within GOIS, continued.

ASMIS Site #	Additional Site #	Distance from APE m (ft)	Time Period	Site Type
GOIS-00038		< 1.6 km (1mile)	Historic	Military: Crematory Site
GOIS-00039		< 1.6 km (1mile)	Historic	Military: Hospital Mess Site
GOIS-00040		< 1.6 km (1mile)	Historic	YMCA Site
GOIS-00043		< 1.6 km (1mile)	Historic	1908 "F.O." Site
GOIS-00044		< 1.6 km (1mile)	Historic	Cafeteria Site
GOIS-00045		< 1.6 km (1mile)	Historic	Unidentified Kimball Road Structure Site
GOIS-00046		< 1.6 km (1mile)	Historic	Historic Graveyard near Officers Quarters
GOIS-00048		< 1.6 km (1mile)	Historic	Unknown Structure 4 Historic Site

2.4.2 Sensitivity Assessment

Prehistoric

The likelihood for prehistoric archaeological sensitivity of the GOIS ARPA Damage Assessment was based on site characteristics (proximity to fresh water, soil characteristics, and landform) and the 2006 golf course construction impact locations. Researchers suggest three environmental factors that are key to the development of a prehistoric archaeological sensitivity model and testing strategy: the presence of stable, level terrain, presence of well-drained soils, and relative proximity to a potable fresh water source. The relative importance of these factors varied over time, resulting in differing settlement patterns as human populations adapted to the changing environment.

The areas selected for study by the GOIS ARPA Damage Assessment, by virtue of close proximity to formerly active shoreline environments, and previous construction, exhibit moderate sensitivity for the presence of prehistoric sites. The Assessment assumed that a possibility existed based on background research and previous archaeological surveys within the GOIS, for the presence of small, task specific, procurement sites or temporary campsites, primarily dating to the Archaic and particularly the Woodland Periods.

Historic

The assessment for historic archaeological sensitivity of the Assessment was based on documentary evidence for historic period use of portions of GOIS, and the 2006 golf course construction impact locations. The Assessment area is located within the Fort Jay glaciis, includes the site known as the "covered defile", and is in close proximity to previous Fort Jay and military support facility construction locations. Therefore, the Assessment area exhibits moderate to high sensitivity for the presence of historic sites of the nature suggested by documentation, with the likelihood that historic archaeological resources may date within the entire range of the 200-year military occupation of Governors Island, with the possibility of encountering early colonial, pre-revolutionary, materials as well. There remains a potential that significant resources associated with the construction, maintenance, and use of Fort Jay may be present.

3.0 ARPA DAMAGE ASSESSMENT INVESTIGATION METHODS AND PROCEDURES

3.1 ARPA DAMAGE ASSESSMENT ARCHAEOLOGICAL INVESTIGATION

An ARPA Damage Assessment was required within the GOIS to determine the extent of damage done by the 2006 golf course excavations so that final ARPA damage totals can be assessed and restoration done. An Assessment proposal, adhering to the National Park Service (NPS) GOIS archaeological scope of work ([SOW] see Appendix F), was submitted and approved by GOIS.

3.2 DISTURBANCE

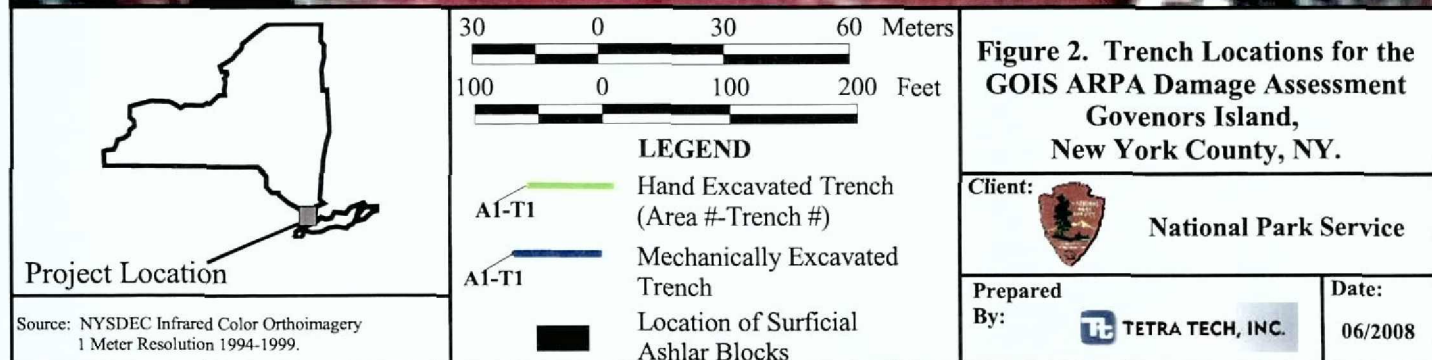
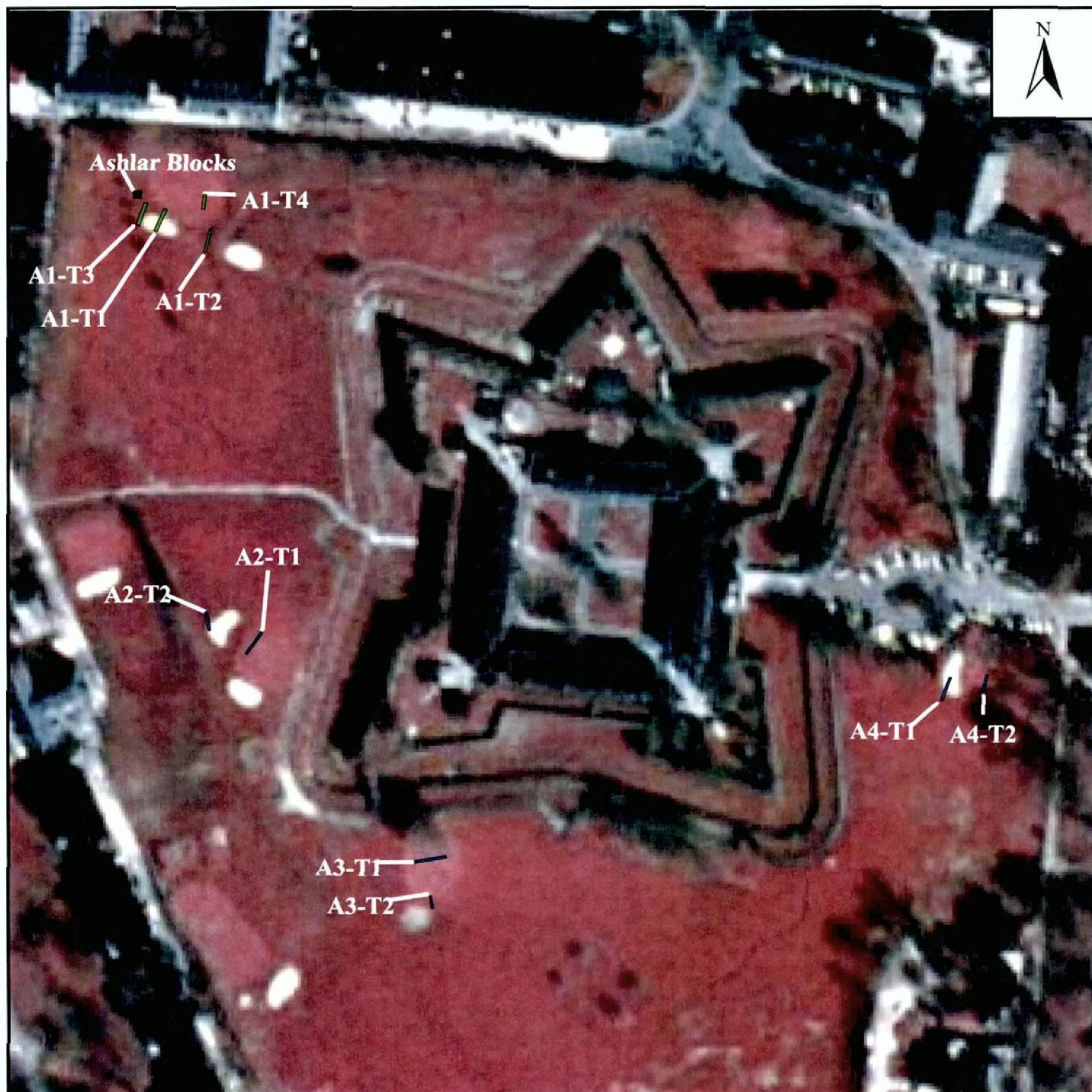
The GOIS areas selected for the Assessment exhibit prior ground disturbance from golf course re-contouring and landscaping activities in 2006 that damaged, or potentially damaged, four areas (designated Assessment Areas 1–4 in the SOW; see Figure 2) of the GOIS, including the “covered defile” connecting Castle Williams and Fort Jay (See Figure 3 and Figure 4). Lands owned by the NPS and the Governors Island Preservation and Education Corporation (GIPEC) were affected by the golf course excavations, although the SOW pertains only to potential damage done to NPS property. All of these areas affected by the 2006 golf course excavations are situated on top of the existing golf course originally constructed c. 1930, but had not used as such since 1996.

3.3 TESTING RECOMMENDATIONS

Area 1

Assessment Area 1 (Area 1) includes the green and bunkers of the seventh hole of the golf course. PAL archaeological and geomorphological studies (Herbster et al. 1997 and Garman et al. 2000) conducted in the vicinity of Area 1 identified several archaeological resources and provide stratigraphic and geomorphological characterizations of this area. PAL Phase II excavations consisting of several 1 x 1 meter units within Area 1 exposed a portion of the southern wall of the “covered defile” (GOIS-00018), which consisted of a combination of bricks and mortar in a slightly modified Flemish bond (Garman et al. 2000:84-85). PAL Phase II excavation of units EU 3 and EU 4 were terminated upon reaching what PAL described as a tightly packed beach cobble “floor” of the “covered defile” (Garman et al. 2000: 85, 88). A mechanically assisted trench excavation (designated MT-14) was placed by PAL approximately two meters north of the “covered defile”, for the purposes of securing a geomorphological and stratigraphic profile. Trench MT-14 exposed what may have been a portion of an historic plowzone approximately one meter below the present surface, predating the construction of the golf course in the 1930s (Garman et al. 2000: 19) and potentially associated with the “covered defile” (built c. 1807). However, the PAL Phase IB and Phase II excavations in Area 1 and within the “covered defile” revealed a complex series of multiple fill episodes and reworked stratigraphic deposits as part of the late 18th and early 19th century reconstruction of Fort Jay and subsequent construction of the golf course in the 1930s (Garman et al. 2000:88-89). The mixed deposits in Area 1 contained artifacts representing a range of materials dating from the 18th century to the 20th century. On the exterior of the [southern] “covered defile” wall (excavation unit EU 3) PAL noted a deposit of “large brownstone chunks”, the interpretation being that this material originally topped the “covered defile” wall by as much as a meter, and was “clipped off” during the construction of the golf course in the 1930s (Garman et al. 2000: 85). At the present time there exist no known 19th century photographs, engravings, or architectural elevation plan renderings that depict the “covered defile” walls, or its purported roof structure, with accuracy (an 1886 engraving appears to depict a brick or dressed stone inner facing, surmounted by an earthen berm) (See Figure 5).

The SOW proposed that three hand excavated trenches, each 1 meter x 7.5 meters, be placed across the width of the covered defile. The middle of the three trenches would be located so as to most precisely evaluate the area of the covered defile potentially impacted by the 2006 golf course re-contouring and construction. The other two trenches would be positioned approximately 5 meters to the east and west of the middle trench, in order to evaluate areas presumably not impacted by the 2006 golf course construction, and provide unaffected, comparative views of the covered defile in the event that a reconstruction of the covered defile is determined feasible.





Andes Road

Surficial Ashlar Blocks

T4

T3

T1

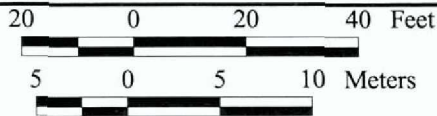
T2

Northwest Bastion of



Project Location

Source: USGS 7.5' Series Topographic Quadrangles, Jersey City, N.J. - N.Y. 1967, photorevised 1981, and Brooklyn, N.Y. 1967, photorevised 1979.



LEGEND




-  Trench Location
-  Defile Wall Location
-  Inferred Defile Wall Location

Figure 3. Area 1 Trench Location Detail for the GOIS ARPA Damage Assessment, Governors Island, New York County, NY.

Client:



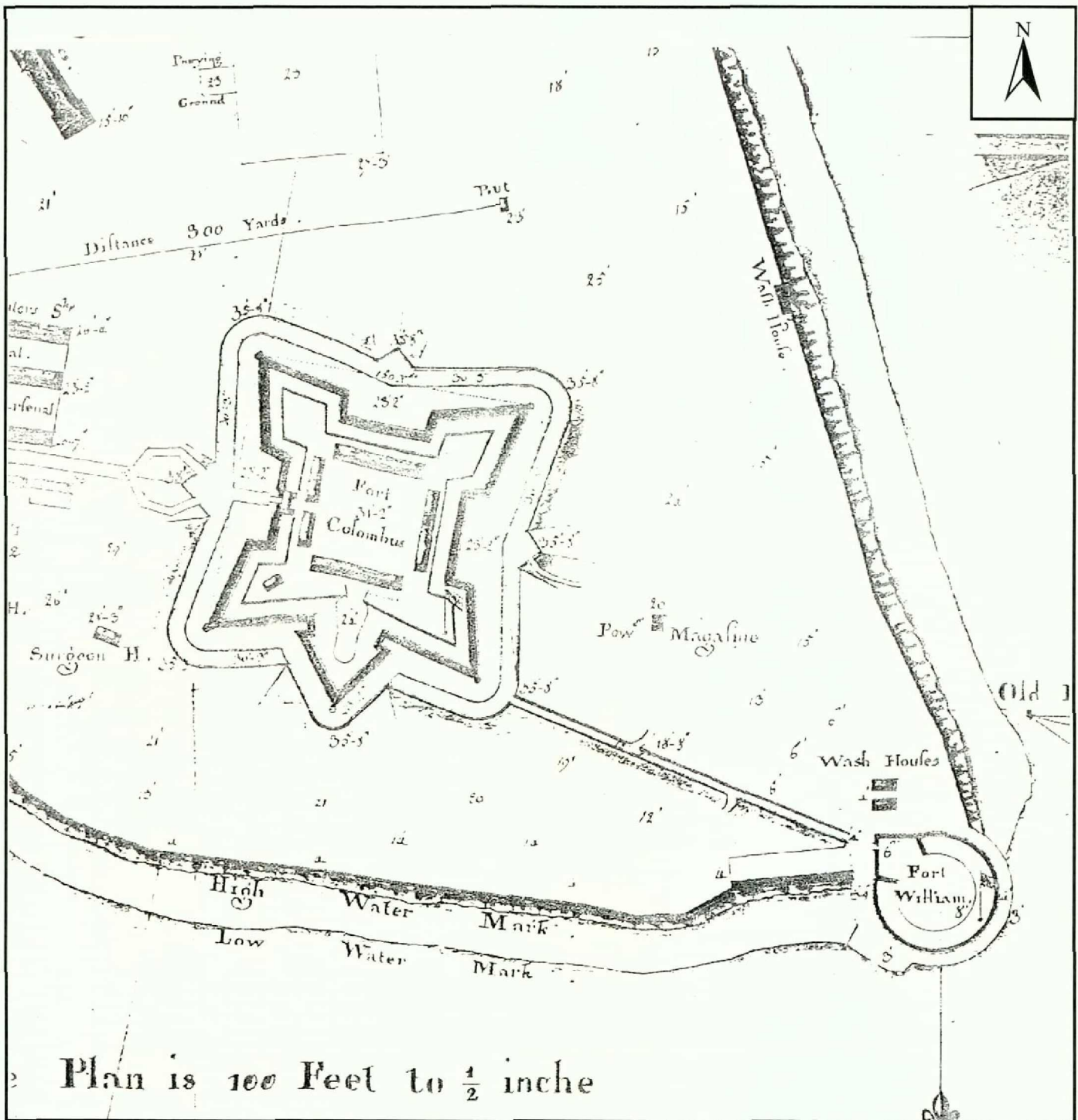
National Park Service

Prepared By:

 TETRA TECH, INC.

Date:

06/2008



Project Location

Source: GOIS 2008

Not to Scale

Figure 4. 1813 Map Excerpt Depicting "Covered Defile" Connecting Fort Jay and Castle Williams.

Client:



National Park Service

Prepared By:

TETRA TECH, INC.

Date:

06/2008



Figure 5. 1886 Engraving of “Covered Defile” Connecting Fort Jay and Castle Williams (NPS USDI 2007).

An additional hand excavated, 1 meter x 5 meter trench was also to be positioned across the deep pit or trap located adjacent to the northeast edge of the green in order to determine if the large, exposed sandstone ashlar blocks visibly projecting from the west side of the sculpted mound on the western edge of the green (See Figure 3, Appendix A, Photograph 2, and Appendix B, Photograph 24) came originally from this position.

Area 2

Assessment Area 2 (Area 2) includes the green and bunkers of the sixth hole of the golf course. At present, little is known archaeologically with regard to designated Area 2. No archaeological or geomorphological tests have been conducted in this area. However, a map dating 1886 and depicted in a Louis Berger report (LBA 1986: p. 3-4) (see Figure 6) shows the location of a “proposed” barbette battery, extending from the “covered defile” and trending southeast approximately through Assessment Area 2, terminating due south of Fort Jay. The position of this military defensive feature has not been precisely located or fully verified archaeologically, although shovel tests within “Block 9” (30 x 30 meter dimension) of the PAL Phase IB archaeological survey (Herbster et al. 1997: Figure 6-2, p. 43; 68) appear to have uncovered demolition rubble/debris that may be associated with this battery structure, which appears, albeit in a more truncated form compared to its depiction on the 1886 map, on an 1879 map included in the PAL Phase IB report (Herbster et al. 1997: Figure 4-6, p. 25).

The SOW proposed the excavation of a single, machine assisted trench across the impacted area to document any disturbance and assess 2006 golf course re-contouring impacts. If a buried A-horizon similar to that exposed by PAL (Garman et al. 2000) immediately south of Fort Jay during a Phase II geomorphological survey is encountered (see Area 3 below), excavation would proceed with the use of hand tools and the stratum sampled for flotation and C-14 dating purposes.

Area 3

Assessment Area 3 (Area 3) includes the green and bunkers of the second hole of the golf course. PAL Phase IB archaeological identification survey (Herbster et al. 1997: Figure 6-2) included systematic shovel test excavations in

"Block 7" (30 x 30 meter dimension), the eastern edge of which appearing to coincide with the western edge of the 2006 golf course re-contouring of the green and sand traps within Area 3. A variety of historic period, Euro-American ceramics were found in disturbed contexts within Block 7 shovel tests (Herbster et al. 1997: Appendix A). A machine assisted trench (designated MT-4) excavated approximately 4 meters south from the Fort Jay outer perimeter wall and 60 meters northeast of Area 3 revealed, at 1.75 meter depth, what appears to be a buried A-horizon and which contained three Pre-Contact Period, Native American ceramic fragments (Herbster et al. 1997: 51).

Subsequent Phase II geomorphological machine assisted trenching by PAL in this same vicinity confirmed the presence of a buried A-horizon. Trench MT-12A was located approximately 30 meters due west of the old MT-4 trench and within 5 meters of the Fort Jay perimeter wall, trench MT-12B was located immediately west and within 5 meters of the MT-4 trench, and trench MT-16 was located approximately 30 meters due south from trench MT-12A (Garman et al. 2000: Figure 5-2, p. 41). Hand excavated, 1 x 1 meter units were placed within each of these Phase II machine assisted trenches. The buried A-horizon appeared at a 2.8 meter depth in trench MT-12A and a bulk soil sample from this level dated to 590+/- 60 B.P. (Beta-117732) (Garman et al. 2000: 14). A bulk soil sample from the buried A-horizon at a 3 meter depth in trench MT-16 yielded a date of 660+/- 70 B.P. (Beta-117733) (Garman et al. 2000:14). Based on a series of auger borings placed at 10 meter intervals to a point approximately 40 meters due south of the Fort Jay perimeter wall (on a line projecting from the apex of the glaciis between trench MT-12A and MT-12B), PAL concluded that any intact, buried surfaces extend no further than approximately 30 meters south of the Fort Jay perimeter wall (Garman et al. 2000: 14, 16). Assessment Area 3 is located within approximately 30 meters of the Fort Jay perimeter wall. The buried A-horizon evident in units MT-4, MT-12A, MT-12B, and MT-16 appears to have been disturbed beyond the distance of 30 meters from the perimeter wall by landscaping activity associated with the building of the golf course in the 1930s.

Area 3 is therefore considered archaeologically sensitive due to the presence of a buried A-horizon located approximately 2.8 to 3.0 meters below the present ground surface of the Fort Jay glaciis. The SOW proposed a single, machine assisted trench across the impacted area to assess damage due to the 2006 golf course re-contouring. If it is determined that this reconstruction of the landscape did not impact the buried A-horizon, then no further assessment for Area 3 will be necessary.

Area 4

Assessment Area 4 (Area 4) includes the green and bunkers of the first hole of the golf course. The PAL Phase IB conducted shovel testing within "Block 3" (30 x 30 meter dimension) approximately within 40 meters of Assessment Area 4 (Herbster et al. 1997: Figure 4-6, p. 25). One shovel test within "Block 3" yielded a total of three quartz debitage flakes, from a disturbed deposit mixed with historic period Euro-American artifacts (Herbster et al. 1997: 67). The PAL Phase II survey did not include further archaeological or deep geomorphological testing in Block 3. Therefore, there may be a possibility that buried A-horizons or intact portions thereof may be located in Area 4.

The SOW proposed to excavate a single, machine assisted trench across Area 4 to assess impact due to the 2006 re-contouring for the golf course and to observe whether or not construction affected potential, buried A-horizon surfaces. If a buried A-horizon is encountered, excavation would proceed with the use of hand tools and the stratum sampled for flotation and C-14 dating purposes.

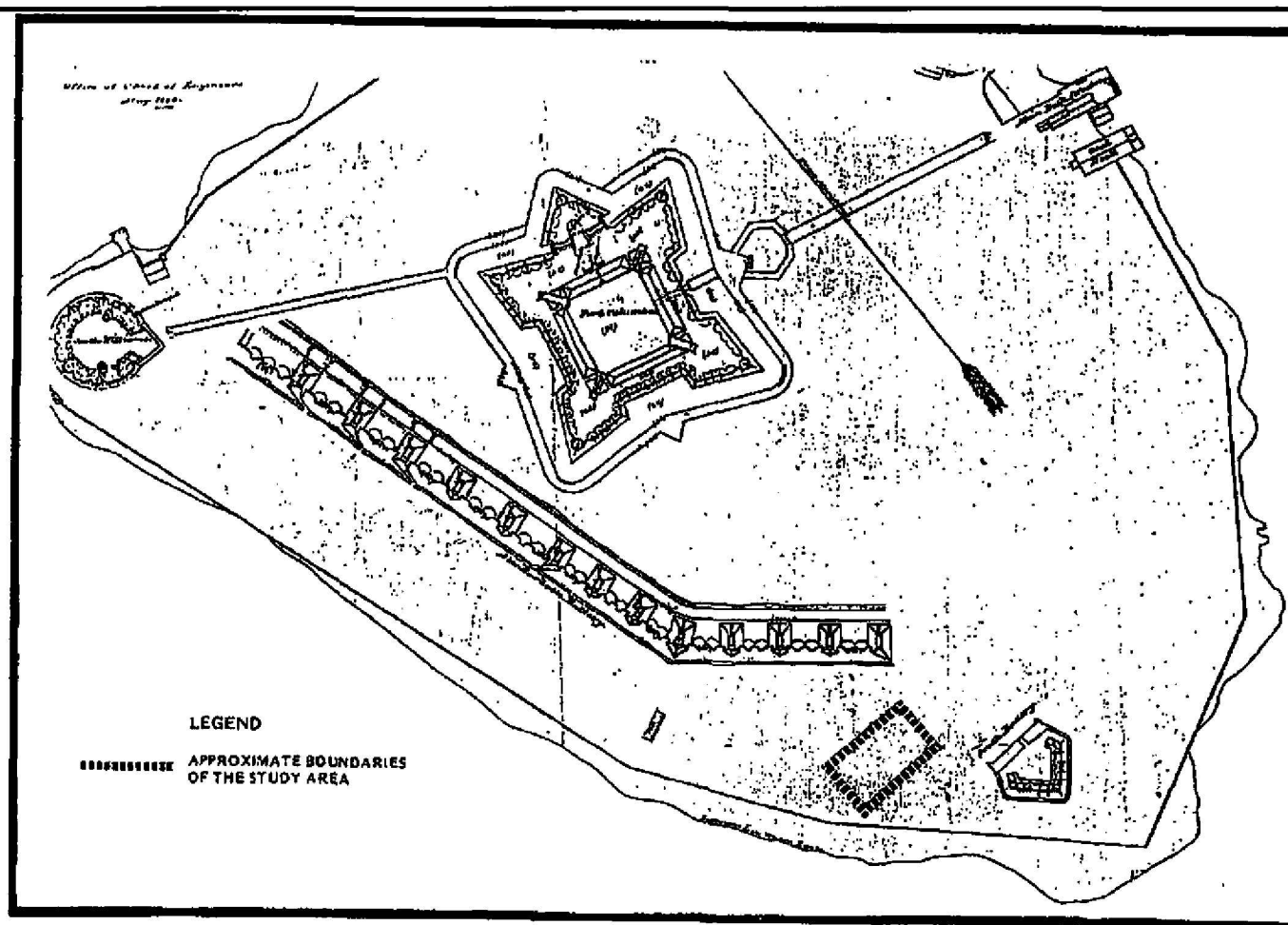


FIGURE 3: LOCATION OF PROPOSED BARBETTE BATTERY, 1871-1886

SOURCE: GOVERNORS ISLAND, N.Y.H., 1871-1886



Project Location

Source: LBA 1986, pgs. 3-4.

Not to Scale

Figure 6. 1886 Map Depicting
"Proposed Barbette Battery".

Client:



National Park Service

Prepared
By:



TETRA TECH, INC.

Date:

06/2008

4.0 ARPA DAMAGE ASSESSMENT INVESTIGATION RESULTS

4.1 AREA EVALUATIONS AND TRENCH EXCAVATIONS

On April 21, 2008 TT conducted an archaeological pedestrian survey of the GOIS and placed barrier tape demarcating Assessment Areas 1-4. The walkover revealed that the GOIS Assessment area exhibits low level surface modification due to modern period GOIS lawn and plantings maintenance. The Areas slated for proposed Assessment archaeological investigation, on greens and sand traps of the presently non-maintained golf course, are fully contained within the glaxis surrounding Fort Jay (see Appendix A, Color Digital Photographic Log, Photographs 1 – 19 and Appendix B, Black and White 35mm Photographs, Photographs 1 - 40 for comprehensive views of the Assessment Areas and the archaeological investigation).

The SOW established four trenches in Area 1 (three 1 x 7.5 meter trenches and one 1 x 5 meter trench), numbered T-1 – T-3 for the 1 x 7.5 meter excavations, with the fourth, smaller trench, designated as T-4, with slight adjustments to the placement in part made to accommodate a private contractor buried utilities survey and United States Army Corps of Engineers (USACE) unexploded ordinance (UXO) magnetometer field survey run concomitantly with the Assessment, which resulted in numerous anomalies detected within each Assessment Area. The SOW originally called for single trenches in each of the remaining Assessment Areas (Area 2- Area 4). This strategy was modified in the field due to the buried utilities and UXO surveys, which again resulted in numerous anomalies detected within each Assessment Area. The decision, approved by the Contract Officer's Technical Representative (COTR), was to place two machine assisted trenches, each within Area 2, Area 3, and Area 4, placed to avoid magnetometer "hits" and yet test at least one re-contoured sand trap and each green per Assessment Area. Between April 21 and April 25, 2008, under the direction of Principal Investigator, Dr. Eldridge, and Field Supervisor, Ms. Haugh, the TT field team proceeded to hand excavate the four trenches plotted within Area 1, with Dr. Eldridge also monitoring the machine assisted trenching in Areas 2-3. The field conditions for excavation were ideal with weather ranging from 55° to 75° Fahrenheit (12.7° to 23.8° C), with high cloud cover, clear ground visibility, and no precipitation.

Trench excavation location coordinates were recorded with a Trimble Global Positioning System (GPS) for mapping purposes. The soil from each hand excavated trench was removed and set aside for replacement when the trench excavation was complete and backfilled. The soil was removed and screened through ¼ inch wirecloth mesh by natural soil levels where such levels were visible and by 10cm (4 in.) increments where visible stratigraphy escaped the eye. Excavators were alert to the possibility of features such as hearths, postholes, or foundations, etc. Floor plans and a full stratigraphic profile were drawn for each hand excavated trench in Area 1 and a representative profile section drawn for each machine assisted trench in Areas 2-4. Any cultural material secured during the excavations was provenienced by Area Number, Trench Number, and stratigraphic level, and then placed in zip-loc plastic bags for processing and curation (refer to Appendix C: Area 1 Trench Artifact Inventory and Appendix D: Trench Profiles and Floor Plans).

Area No. 1

Trench 1:

Trench 1 plotted in Area No. 1 in a location subject to evident and most severe golf course re-contouring and construction in July, 2006, was excavated (see Appendix A, Photographs 1-4, Appendix B, Photographs 1-6). The soil profiles for Trench 1 depicted a series of fill episodes and repeated disturbances due to historic and recent period modifications and installation of utilities (see Appendix D). Two shovel tests at the base of Trench 1 (each within one meter of the inner face of the north and south "covered defile" wall sections respectively) were excavated, with the test adjacent to the north wall section producing several small beach cobbles, loosely packed, at approximately 127.0 cm (50.0 in.) from present surface. The shovel test adjacent to the south wall section (168.0 cm (66.1 in.) maximum depth from present surface) did not reveal a similar cobble deposit. Presumably the sample of loosely packed cobbles may represent the "cobble floor" of the "covered defile" pathway noted by previous archaeological survey.

Artifacts produced from Trench 1, Strata I-IV, include one (1) mollusk shell fragment, one (1) firearm wadding fragment, and one (1) brick fragment. No prehistoric artifacts or any indications of prehistoric cultural features were recovered from Trench 1 excavated in Area No. 1.

Trench 2:

Trench 2 plotted in Area No. 1 in a location approximately 15 meters to the east of Trench 1 in an area presumed to have been avoided during the golf course re-contouring and construction in July, 2006. Trench 2 therefore provided a more pristine, pre-2006, 'benchmark' profile for the "covered defile (see Appendix A, Photographs 5-8, Appendix B, Photographs 7-18). The soil profiles for Trench 2 depicted a series of fill episodes and repeated disturbances due to historic and recent period modifications and installation of utilities (see Appendix D), although in this case it is probable that evidence for the retention of the original surface of the "covered defile" pathway is palpable (see Appendix B, photographs 17-18). However, two shovel tests at the base of Trench 2, each adjacent to the inner face of the north and south wall sections respectively, did not produce evidence of a "cobble floor" (shovel test depth adjacent to south wall: 160.0 cm (63 in.) maximum depth from present surface; shovel test depth adjacent to north wall: 149.0 cm (58.7 in.) maximum depth from present surface).

Artifacts produced from Trench 2, Stratum I, include one (1) nail fragment and two (2) glass fragments. Artifacts produced from Trench 2, Stratum II and V (combined, disturbed strata), include: two (2) metal fragments, one (1) metal key fragment, one (1) aluminum alloy can tab-top, two (3) nail fragments, one (1) metal stake, one (1) metal buckle fragment, nineteen (19) glass fragments, two (2) ceramic fragments, one (1) domestic, mammalian tooth fragment, two (2) domestic mammalian bone fragments, two (2) mollusk shell fragments, two (2) pipe stem fragments, one (1) gun flint fragment, one (1) complete gun flint, one (1) .44-caliber bullet, one (1) glazed brick fragment, and one (1) piece of slag. No prehistoric artifacts or any indications of prehistoric cultural features were recovered from Trench 2 excavated in Area No. 1.

Trench 3:

Trench 3 plotted in Area No. 1 in a location approximately 5 meters west of Trench 1 and in a position also presumed to yield data on a portion of the "covered defile" less impacted by golf course re-contouring and construction in July, 2006, was excavated (see Appendix A, Photographs 9-11, Appendix B, Photographs 19-23). The soil profiles for Trench 3 also depicted a series of fill episodes and repeated disturbances due to historic and recent period modifications and installation of utilities (see Appendix D), and in this case it is probable that evidence for the removal, pre-2006, of the "covered defile" south wall section in this portion of Area 1 is likely. The supposed, or logical, position of the "covered defile" south wall section in Trench 3 was vacant, and the wall section appears to have been removed and replaced with fill, leaving a scatter of ashlar block spalls or fragments at the base of the trench in this location (see Appendix B, photograph 23). Shovel tests at the base of Trench 3 (one within one meter of the inner face of the north "covered defile" wall section, and one approximately one meter beyond an approximate position of the supposed south wall section location) were excavated, with the test adjacent to the north wall section producing several small beach cobbles, loosely packed, at approximately 145.0 cm (57.1 in.) from present surface, prior to ending the test at 158.0 cm (62.2 in.) depth. The shovel test adjacent to the former location of the south wall section did not reveal a similar cobble deposit.

Artifacts produced from Trench 3, Strata I and IV (combined, disturbed strata), include four (4) nail fragments, one (1) metal stake fragment, one (1) metal tack fragment, five (5) glass fragments, one (1) window pane glass fragment, one (1) ceramic button, eight (8) ceramic fragments, one (1) mollusk shell fragment, one (1) ceramic electric insulator fragment, one (1) porcelain bottle stopper fragment, two (2) pipe stem fragments, one (1) pipe bowl fragment, four (4) plastic fragments, one (1) 1990 penny, one (1) 1851 one cent coin, one (1) .22 long-caliber bullet casing, and one (1) 1952 .30-caliber shell casing. Artifacts produced from Trench 3, Stratum V, include: one (1) pipe stem fragment, four (4) ceramic fragments, two (2) glass fragments, one (1) nail fragment, and three (3) 1953 .30-caliber shell casings. Artifacts produced from Trench 3, Stratum VI, include: one (1) metal door hinge fragment, one (1) metal rod fragment, one (1) crowbar tip fragment, twenty three (23) glass fragments, eight (8) ceramic fragments two (2) ceramic drain pipe fragments, four (4) domestic mammalian bone fragments, five (5) pipe stem fragments, one (1) glass bottle stopper, one (1) mica disk, and one (1) 1862 Indian Head penny. No prehistoric artifacts or any indications of prehistoric cultural features were recovered from Trench 3 excavated in Area No. 1.

Trench 4:

Trench 4 plotted in Area No. 1, in a location estimated to yield data with regard to the potential source of the ashlar block surface scatter presently located just west of the existing green, was excavated (see Appendix A, Photographs 12-13, Appendix B, Photographs 25-28). The soil profiles for Trench 4 depicted a series of fill episodes and repeated disturbances due primarily to a series of landscaping modifications presumably associated with original (1930s) golf course construction (see Appendix D). No indications were present in Trench 4 for elucidating the original location of the ashlar block scatter located west of Trench 3.

No historic or prehistoric artifacts or indications of historic period or prehistoric period features were recovered from any of the strata within Trench 4 excavated in Area No. 1. A 1 x 1 meter deep test unit in the base of Trench 4 revealed undisturbed glacial till/cobble deposits (see Appendix B, photograph 28).

Area No. 2

Sand Trap Trench:

The Sand Trap Trench plotted in Area No. 2 was machine excavated and achieved an approximate maximum depth of 50.0 cm (19.7 in.) below present surface (see Appendix A, Photographs 14-15, Appendix B, Photograph 29-32). The characteristic soil profile consisted of relatively shallow deposits of historic and recent fill episodes associated with periods of golf course construction (1930s and 2006) (see Appendix D and Appendix B, photograph 31). No historic or prehistoric artifacts or indications of historic period or prehistoric period features were recovered from any of the strata within the Area 2 Sand Trap Trench.

Green Trench:

The Green Trench plotted in Area No. 2 was machine excavated and achieved an approximate maximum depth of 45.0 cm (17.7 in.) below present surface (see Appendix A, Photographs 14-15, Appendix B, Photographs 29-32). The characteristic soil profile consisted of relatively shallow deposits of historic and recent fill episodes associated with periods of golf course construction (1930s and 2006) (see Appendix D and Appendix B, photograph 32). No historic or prehistoric artifacts or indications of historic period or prehistoric period features were recovered from any of the strata within the Area 2 Green Trench.

Area No. 3

Sand Trap Trench:

The Sand Trap Trench plotted in Area No. 3 was machine excavated and achieved an approximate maximum depth of 40.0 cm (15.7 in.) below present surface (see Appendix A, Photographs 16-17, Appendix B, Photographs 33-36). The characteristic soil profile consisted of relatively shallow deposits of historic and recent fill episodes associated with periods of golf course construction (1930s and 2006) (see Appendix D and Appendix B, photograph 35). No historic or prehistoric artifacts or indications of historic period or prehistoric period features were recovered from any of the strata within the Sand Trap Trench in Area 3.

Green Trench:

The Green Trench plotted in Area No. 3 was machine excavated and achieved an approximate maximum depth of 50.0 cm (19.7 in.) below present surface (see Appendix A, Photographs 16-17, Appendix B, Photographs 33-36). The characteristic soil profile consisted of relatively shallow deposits of historic and recent fill episodes associated with periods of golf course construction (1930s and 2006) (see Appendix D and Appendix B, photograph 36). No historic or prehistoric artifacts or indications of historic period or prehistoric period features were recovered from any of the strata within the Green Trench in Area 3.

Area No. 4

Sand Trap Trench:

The Sand Trap Trench plotted in Area No. 4 was machine excavated and achieved an approximate maximum depth of 80.0 cm (31.5 in.) below present surface (see Appendix A, Photographs 18-19, Appendix B, Photographs 37-40). The characteristic soil profile consisted of relatively shallow deposits of historic and recent fill episodes associated with periods of golf course construction (1930s and 2006) (see Appendix D and Appendix B, photograph 39). No historic or prehistoric artifacts or indications of historic period or prehistoric period features were recovered from any of the strata within the Sand Trap Trench in Area 4.

Green Trench:

The Green Trench plotted in Area No.4 was machine excavated and achieved an approximate maximum depth of 35.0 cm (13.8 in.) below present surface (see Appendix A, Photographs 18-19, Appendix B, Photographs 37-40). The characteristic soil profile consisted of relatively shallow deposits of historic and recent fill episodes associated with periods of golf course construction (1930s and 2006) (see Appendix D and Appendix B, photograph 40). No historic or prehistoric artifacts or indications of historic period or prehistoric period features were recovered from any of the strata within the Green Trench in Area 4.

5.0 INTERPRETATIONS AND RECOMMENDATIONS

An ARPA Damage Assessment archaeological investigation of the GOIS on Governors Island, New York County, New York, was undertaken by Tetra Tech, Inc. Cultural Resources Group on behalf of GOIS.

5.1 INTERPRETATIONS

Background research determined that there is a moderate sensitivity for the presence of prehistoric archaeological sites and a moderate to high sensitivity for the presence of historic archaeological sites within the Assessment area. A pedestrian archaeological investigation (visual assessment and site walkover) was conducted for the Assessment to establish the position of the hand excavated and machine assisted trenches required by the SOW. The Assessment subsurface testing regimen was established and conducted in areas subject to construction impacts due to golf course re-contouring and construction in 2006.

Completion of the Assessment archaeological investigation fieldwork involved hand excavation of three 1 meter x 7.5 meter trenches and one 1 meter x 5 meter trench within Area 1 and machine assisted trenching within the sand traps and greens in Areas 2 – 4 as specified in the SOW. The trenches were excavated to an average depth of 1.2 meters below present surfaces within Area 1 and exhibited deposits consisting of sand or silt loams overlying sandy silt substrata and glacial till and evidence of disturbed soil profiles throughout due to cultural activities such as repeated fill deposition and historic period modifications to the “covered defile” walls and pathway. Trenches 1– 3 in Area 1 were not excavated to the full depth of the “covered defile”, only ensuring that excavation proceeded below the depth of the 2006 disturbance, as the intent of the Assessment was to evaluate damage and adverse impacts due to the golf course re-contouring and construction. It is estimated that the base of the defile wall and remnant pathway cobble flooring lay approximately within 30cm of the limit of the Assessment trench excavations in Area 1, based on the supplementary shovel tests done at the base of each trench.

Machine assisted trenching of the greens and sand traps within Areas 2 – 4 was conducted to a depth adequate to infer whether golf course re-contouring and landscaping modifications had adversely impacted intact historic or prehistoric sites or features or buried, intact A soil horizons. The damaged soils in Areas 2-4 were historic fill deposits or deposits associated with the golf course construction, in the 1930s and 2006. Analysis of the results of the machine assisted trenching in the sand traps and greens of Areas 2 – 4 demonstrates no discernable impacts to prehistoric or historic sites or features or intact buried A soil horizons. Golf course re-contouring and landscaping efforts in 2006 have apparently not impacted such potential sites, features, or buried A soil horizons in Areas 2-4, as the efforts consisted of shallow depth modifications, essentially impacting previous, 1930s era golf course construction features.

The archaeological excavations for the Assessment in Area 1 produced historic period artifacts or materials, such as nails, glass fragments, ceramics, pipe stem fragments, coins, gunflints, bullets and shell casings, etc., present as a result of multiple periods of use and repeated historic and contemporary period modifications and fill episodes related to the “covered defile” and its associated walls and features. Artifacts recovered from the Assessment have been curated according to NPS guidelines using the Automated National Catalog System (ANCS+) (see Appendix E). With the exception of historic features uncovered in Area 1 and associated with the “covered defile”, there was no indication of definable historic period features within any of the machine assisted trenches in Areas 2 – 4.

On the basis of the Assessment archaeological investigation in Area 1, correlating specific impacts to the “covered defile” with the recent (2006) golf course landscaping modifications is challenging. Changes to the “covered defile” due to historic period military usage and construction or modern period construction (e.g., water and electric utility installations) are also evident in all of the Area 1 trenches. Trench 1 was specifically located to assess the “covered defile” section most directly and adversely impacted by the 2006 golf course re-contouring and landscaping. Area 1 Trenches 2 and 3 were placed at further intervals beyond Trench 1 in an effort to expose “covered defile” wall sections and features that may have been less impacted or avoided in 2006, for comparative purposes for repair plan formulation, if necessary. The archaeological investigation has demonstrated that the portions of surviving “covered defile walls” that were exposed by the Assessment in Trenches 1-3 generally exhibit similar impacts and modifications. The condition of the “covered defile” is similar in each of the trenches in Area 1, i.e., an undefined, superior portion of the “covered defile” wall is absent, apparently, in each case of archaeological exposure during the Assessment, with the remaining wall features and characteristics in trenches 1-3 retaining identical features by

comparison. The hypothesis, consequently, is that the "covered defile" wall system, as an entity, has been subject to pre-2006 impacts, perhaps as a direct result of the original golf course construction in the 1930s, coupled with multiple, military construction episodes, utilities installations, and modifications to the glacis surrounding Ft. Jay. The most radical loss of "covered defile" wall integrity appears to have taken place (pre-2006) in Trench No. 3, placed several meters west of Trench No. 1. TT hypothesizes that whereas the sandstone, ashlar blocks visibly strewn on or near the surface of the knoll in the western portion of Area 1, may have been placed there during the 2006 golf course landscaping activity, they were displaced during an earlier period, and may have originally marked the structural foundation and western terminus, evidently missing in the southern portion of Trench 3, of the southern wall of the "covered defile".

The overall condition of the "covered defile" and its associated wall and pathway features, as exposed by this Assessment archaeological investigation, is one of reasonably good preservation. There is no question, however, that portions of some "covered defile" features appear in some instances to be discontinuous, exhibit earlier, historic period damage, or construction or design modifications, or are missing entirely. For example, the "covered defile" pathway "floor", which has been previously described as consisting of a beach cobble pavement, was not unequivocally apparent in all of the three trenches excavated across the "covered defile" in Area 1. Either the cobble flooring was never constructed, or it was removed at some earlier time (TT suspects the latter, based on evidence from the additional shovel testing conducted at the base of Trench 1 and Trench 3).

All historic period artifacts recovered by the Assessment archaeological investigation are associated with historic and recent period use and/or previous development episodes involving primarily military and domestic activity associated with the 200-year military and Euro-American occupation of Governors Island. The Assessment archaeological investigation produced no prehistoric period artifacts or materials. There was no indication of definable prehistoric features within any of the hand excavated or machine assisted excavations in Areas 1-4.

5.2 RECOMMENDATIONS

Since much of the loss of integrity of the "covered defile" and its features appears to have occurred during earlier historic periods, prior to the 2006 golf course re-contouring and landscaping work, TT recommends that an attempt to repair discernable and specific 2006 landscaping impacts may actually compromise extant "covered defile" features or obscure earlier, historic period modifications. Because of the multiple historic and contemporary period feature modifications and resultant discontinuities, and apparent design differences, it would be difficult to reconstruct the "covered defile" walls to pre-2006 conditions, in effect running the risk of creating a fabrication rather than an accurate reconstruction. TT recommends that the "covered defile" and its associated features be protected in situ from any further ground disturbance, with the exception of potential, future historical archaeological investigations, and its condition periodically monitored.

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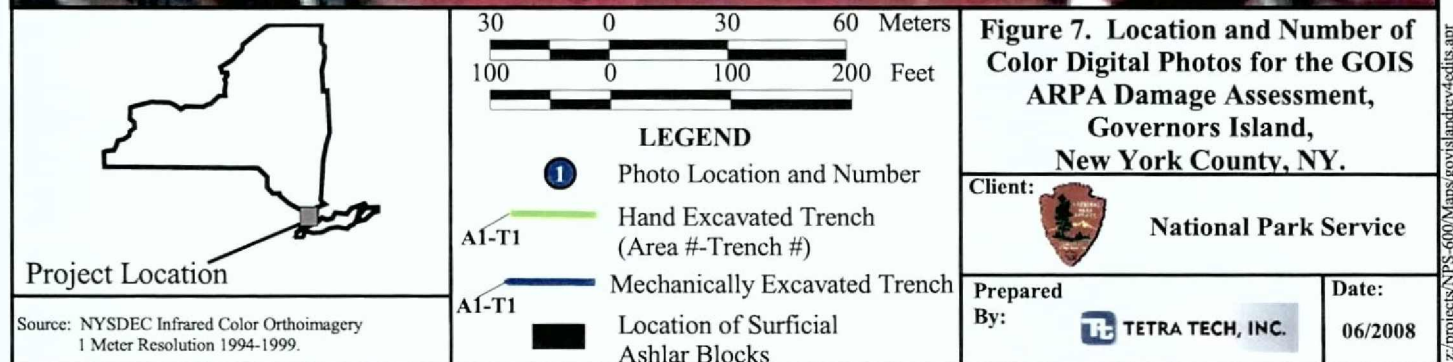
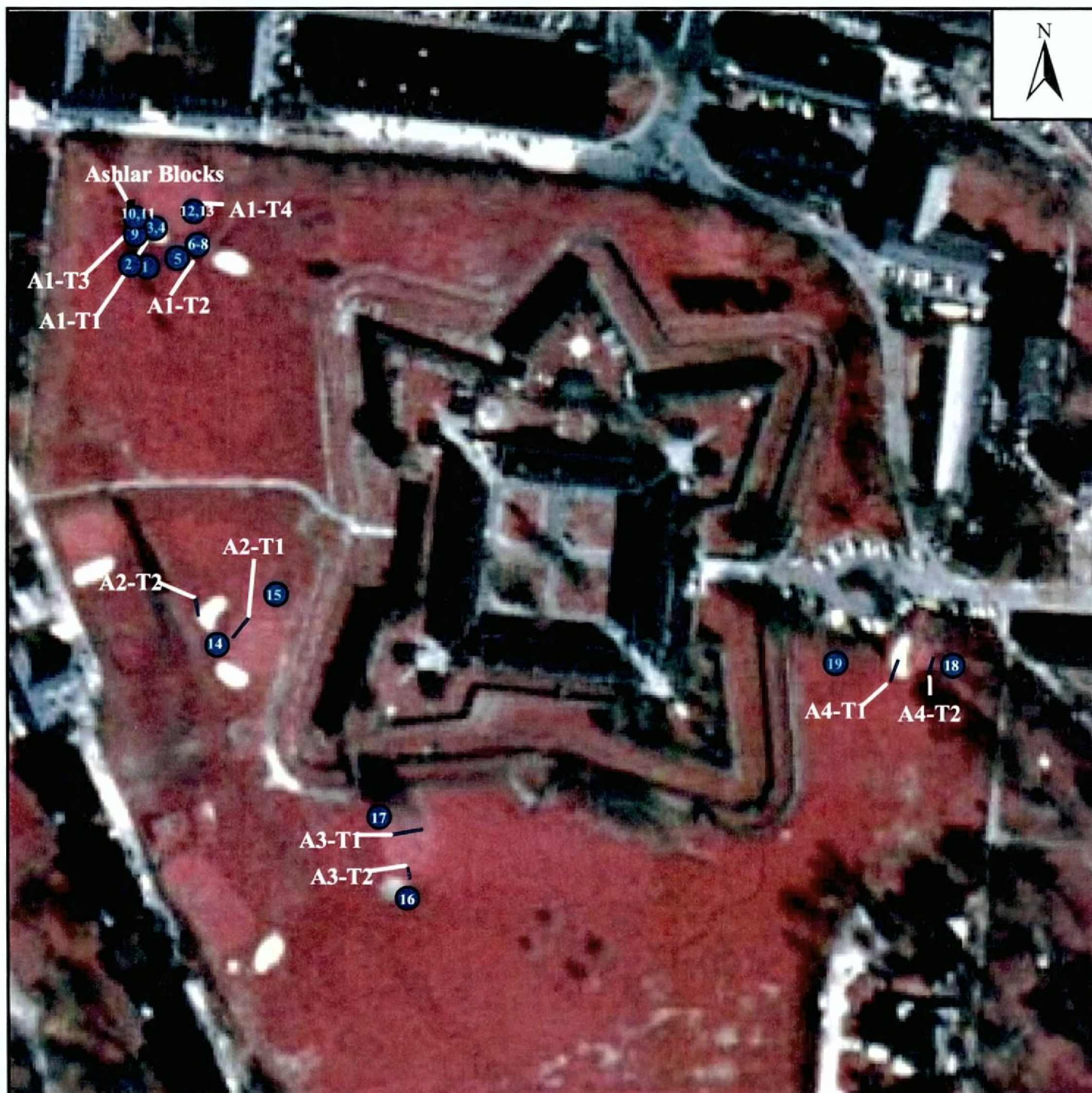
- 2003 Archaeological Overview and Assessment of Governors Island National Monument, New York, New York. Presented to Dr. William Griswold, National Park Service, Northeast Region Archaeology Program, 400 Foot of John Street, Lowell, MA. Submitted by Archaeological Services, The Environmental Institute, Blaisdell House, University of Massachusetts, Amherst, MA. Report No. UM-410, 2003.

Figure 7. Location and Number of Color Digital Photos for the GOIS ARPA Damage Assessment, Governors Island, New York County, NY.

APPENDIX A

GOIS ARPA DAMAGES ASSESSMENT
GOVENORS ISLAND, NEW YORK

COLOR DIGITAL PHOTOGRAPHIC LOG



PHOTOGRAPHIC RECORD

Company:

National Park Service,
Governors Island National Monument

Project:

GOIS ARPA Damages Assessment
Governors Island, New York County, New York
TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/21/08

Photo No.: 1

Direction: NW

Comments: Area 1, Trench 1. Photographer positioned at Area 1, Trench 2.



Photographer: S. Eldridge

Date: 04/21/08

Photo No.: 2

Direction: N

Comments: Area 1, Trench 1. Trench 3 being plotted 5meters west of Trench 1. Ashlar block scatter located at position of field team on west side of artificial mound. Pinflags mark ferrous/metallic "hits" with survey magnetometer.

PHOTOGRAPHIC RECORD

Company:

National Park Service,

Project:

Governors Island National Monument

GOIS ARPA Damages Assessment

Governors Island, New York County, New York

TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/21/08

Photo No.: 3

Direction: NE

Comments:

Area 1, Trench 1. Close-up of "covered defile" north wall section.

PHOTOGRAPHIC RECORD

Company:

National Park Service,

Project:

Governors Island National Monument

GOIS ARPA Damages Assessment

Governors Island, New York County, New York

TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/21/08

Photo No.: 4

Direction: SW

Comments:

Area 1, Trench 1. Close-up of "covered defile" south wall section.



Photographer: S. Eldridge

Date: 04/22/08

Photo No.: 5

Direction: N

Comments:

Area 1, Trench 2. General view of location of Trench 2, approximately located 15 meters east of Trench 1.

PHOTOGRAPHIC RECORD

Company:

National Park Service,
Governors Island National Monument

Project:

GOIS ARPA Damages Assessment
Governors Island, New York County, New York
TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/22/08

Photo No.: 6

Direction: NE

Comments:

Area 1, Trench 2. Detail of profile of west wall of Trench 2; note what appears to be remnant of original "covered defile" pathway (black soil, overlaid with sand lens).



Photographer: S. Eldridge

Date: 04/22/08

Photo No.: 7

Direction: N

Comments:

Area 1, Trench 2. Close-up of "covered defile" south wall section.

PHOTOGRAPHIC RECORD

Company:

National Park Service,
Governors Island National Monument

Project:

GOIS ARPA Damages Assessment
Governors Island, New York County, New York
TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/22/08

Photo No.: 8

Direction: NW

Comments:

Area 1, Trench 2. Detail of partially dressed field stone cap of "covered defile" south wall section.



Photographer: S. Eldridge

Date: 04/23/08

Photo No.: 9

Direction: S

Comments:

Area 1, Trench 3. General view of the excavation of Trench 3 in progress.

PHOTOGRAPHIC RECORD

Company:

National Park Service,

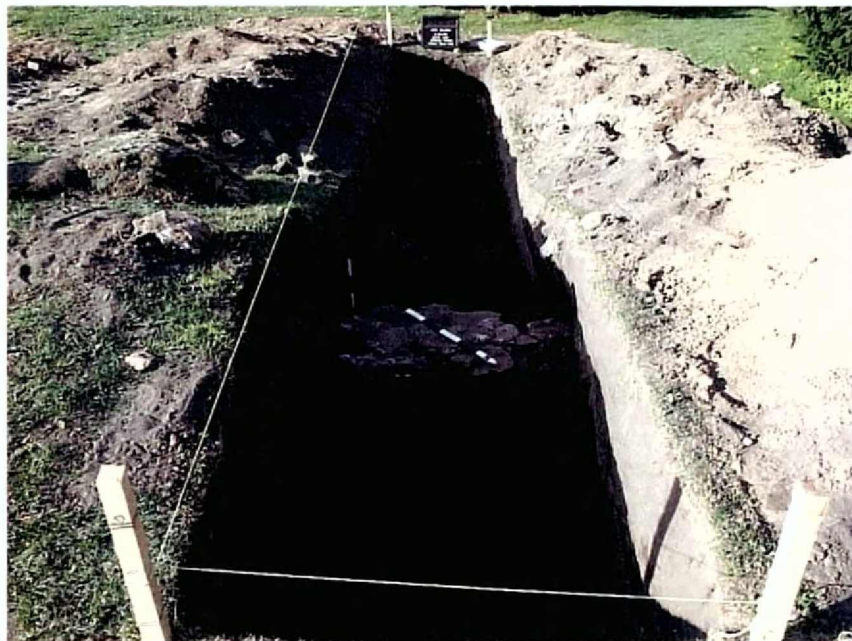
Project:

Governors Island National Monument

GOIS ARPA Damages Assessment

Governors Island, New York County, New York

TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 10

Direction: SW

Comments:

Area 1, Trench 3. View of completed trench, with "covered defile" north wall section visible in foreground. Note absence of south wall section.



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 11

Direction: NE

Comments:

Area 1, Trench 3. Detail of "covered defile" north wall section.

PHOTOGRAPHIC RECORD

Company:

National Park Service,
Governors Island National Monument

Project:

GOIS ARPA Damages Assessment
Governors Island, New York County, New York
TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 12

Direction: NE

Comments:

Area 1, Trench 4. General view of Trench 4 excavation.



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 13

Direction: NE

Comments:

Area 1, Trench 4. Close-up of Trench 4 excavation. Note glacial till/cobbles at base of trench unit.

PHOTOGRAPHIC RECORD

Company:

National Park Service,
Governors Island National Monument

Project:

GOIS ARPA Damages Assessment
Governors Island, New York County, New York
TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 14

Direction: N

Comments:

Area 2 mechanical
trenching. Pin flags mark
utilities/ferrous "hits" with
survey magnetometer.



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 15

Direction: SW

Comments:

Area 2 mechanical
trenching.

PHOTOGRAPHIC RECORD

Company:

National Park Service,
Governors Island National Monument

Project:

GOIS ARPA Damages Assessment
Governors Island, New York County, New York
TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 16

Direction: N

Comments:

Area 3 mechanical
trenching.



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 17

Direction: SE

Comments:

Area 3 mechanical
trenching.

PHOTOGRAPHIC RECORD

Company:

National Park Service,

Project:

Governors Island National Monument

GOIS ARPA Damages Assessment

Governors Island, New York County, New York

TT Project Code: NPS-600



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 18

Direction: W

Comments:

Area 4 mechanical
trenching.



Photographer: S. Eldridge

Date: 04/25/08

Photo No.: 19

Direction: NE

Comments:

Area 4 mechanical
trenching.

APPENDIX B

**GOIS ARPA DAMAGES ASSESSMENT
GOVERNORS ISLAND, NEW YORK**

BLACK AND WHITE 35MM PRINT PHOTOGRAPHS

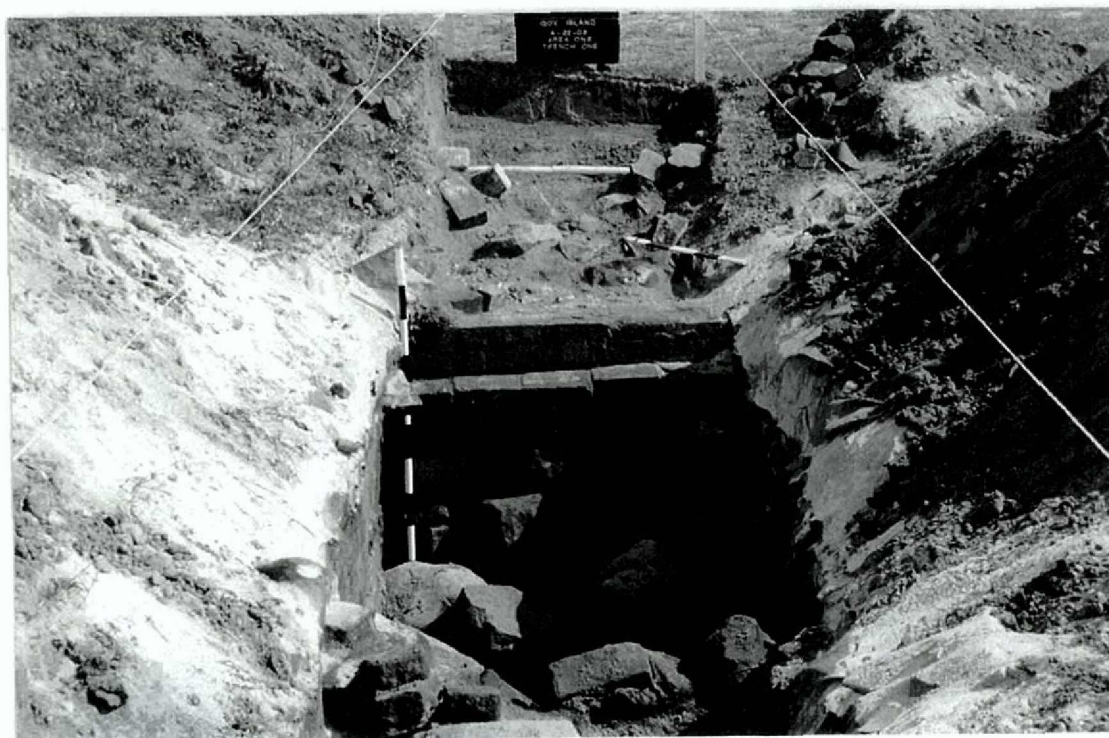
TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/22/2008
Photo No.: 1
Direction: NE
Comments:
Area 1, Trench 1.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/22/2008
Photo No.: 2
Direction: NE
Comments:
Area 1, Trench 1 close-up of "covered defile" north wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/22/2008
Photo No.: 3
Direction: SW
Comments:
Area 1, Trench 1.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/22/2008

Photo No.: 4

Direction: SW

Comments:

Area 1, Trench 1 close-up of "covered defile" south wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

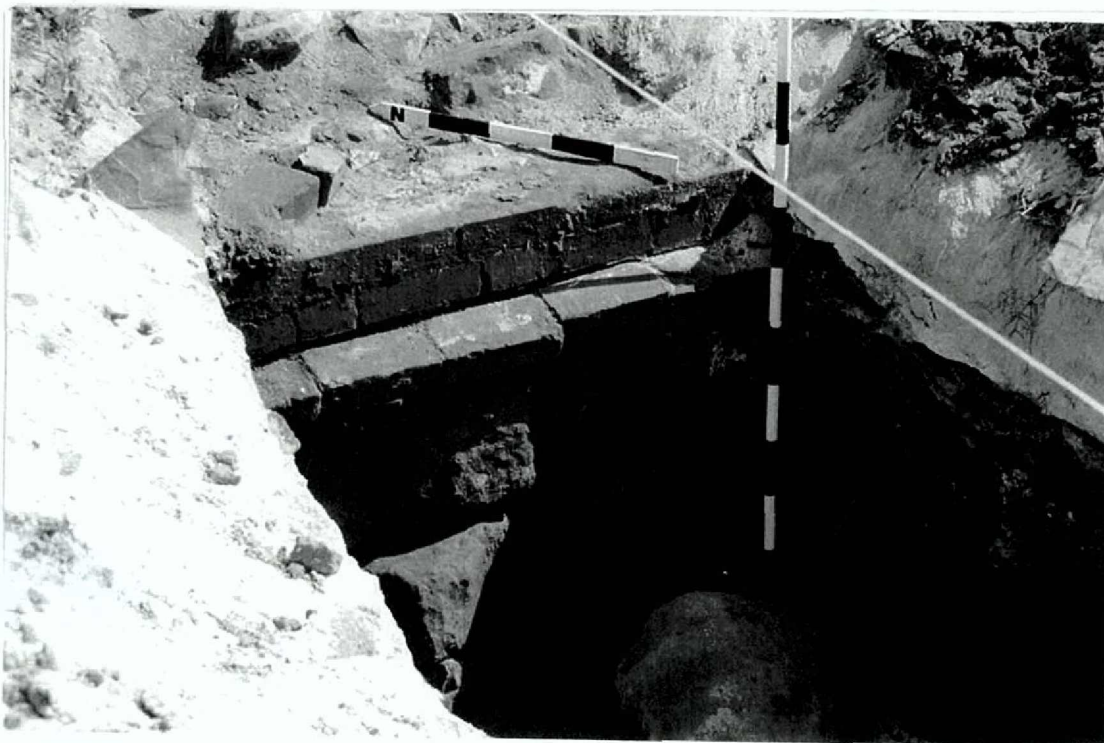
Date: 04/22/2008

Photo No.: 5

Direction: NE

Comments:

Area 1, Trench 1 inner face of "covered defile" north wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

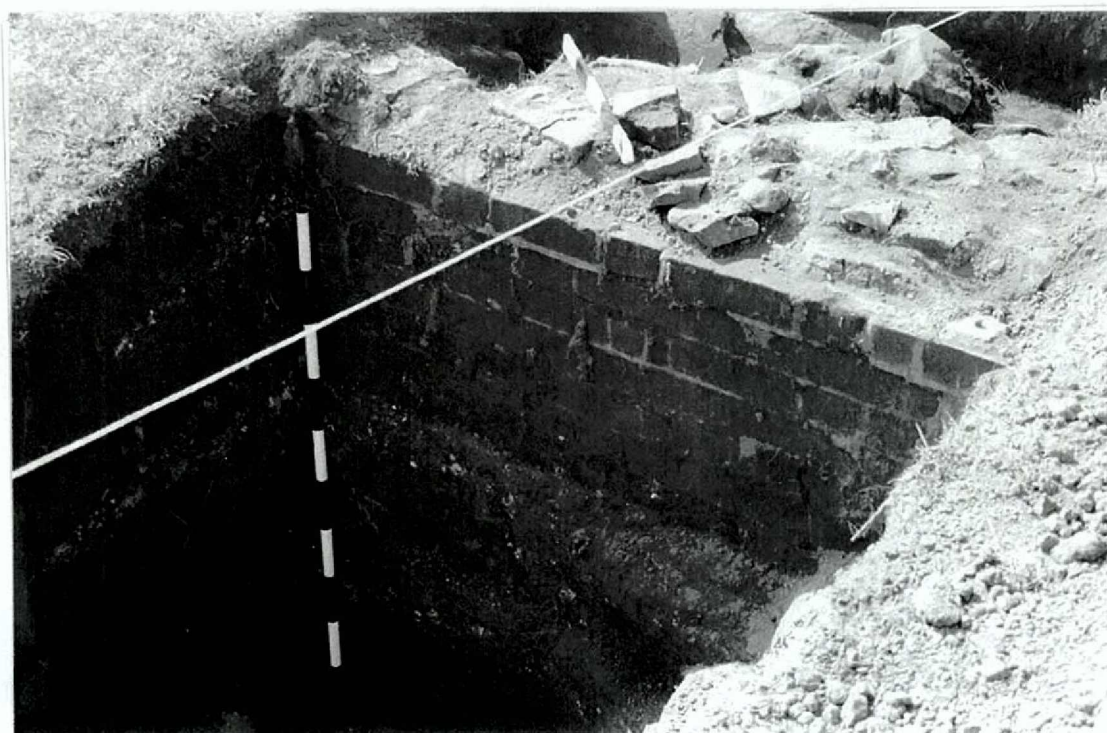
Photographer: S. Eldridge

Date: 04/22/2008

Photo No.: 6

Direction: S

Comments:
Area 1, Trench 1 inner facing of "covered defile" south wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

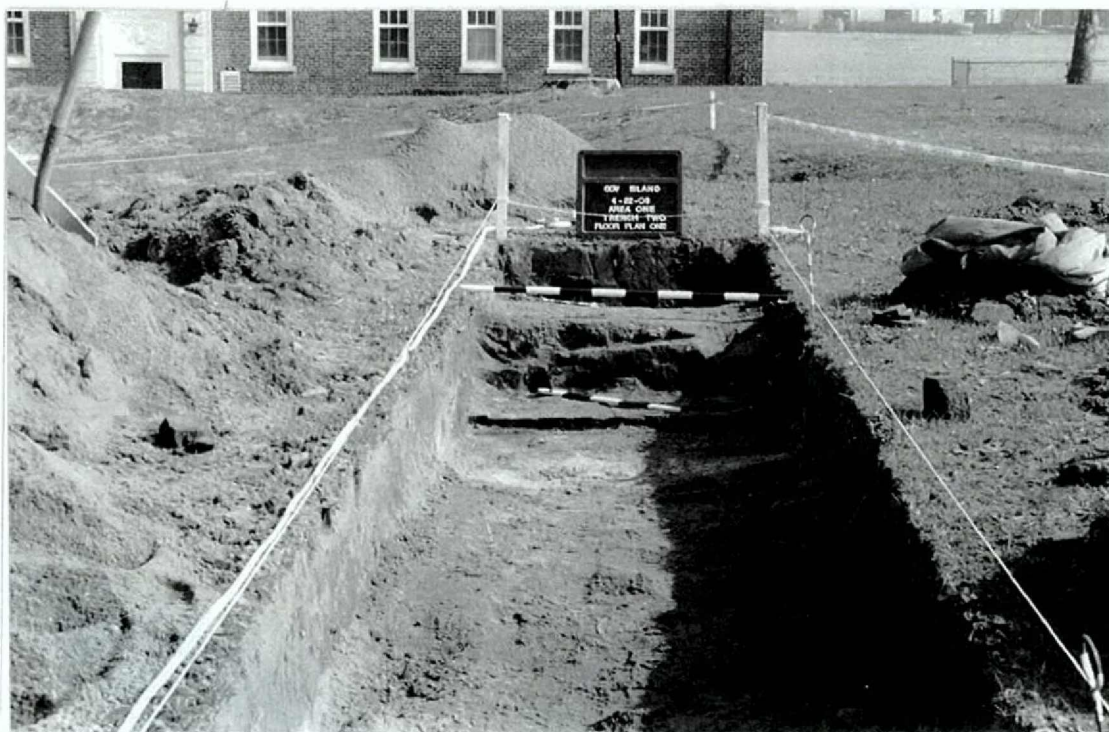
Photographer: S. Eldridge

Date: 04/22/2008

Photo No.: 7

Direction: NE

Comments:
Area 1, Trench 2.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/22/2008

Photo No.: 8

Direction: SW

Comments:
Area 1, Trench 2.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

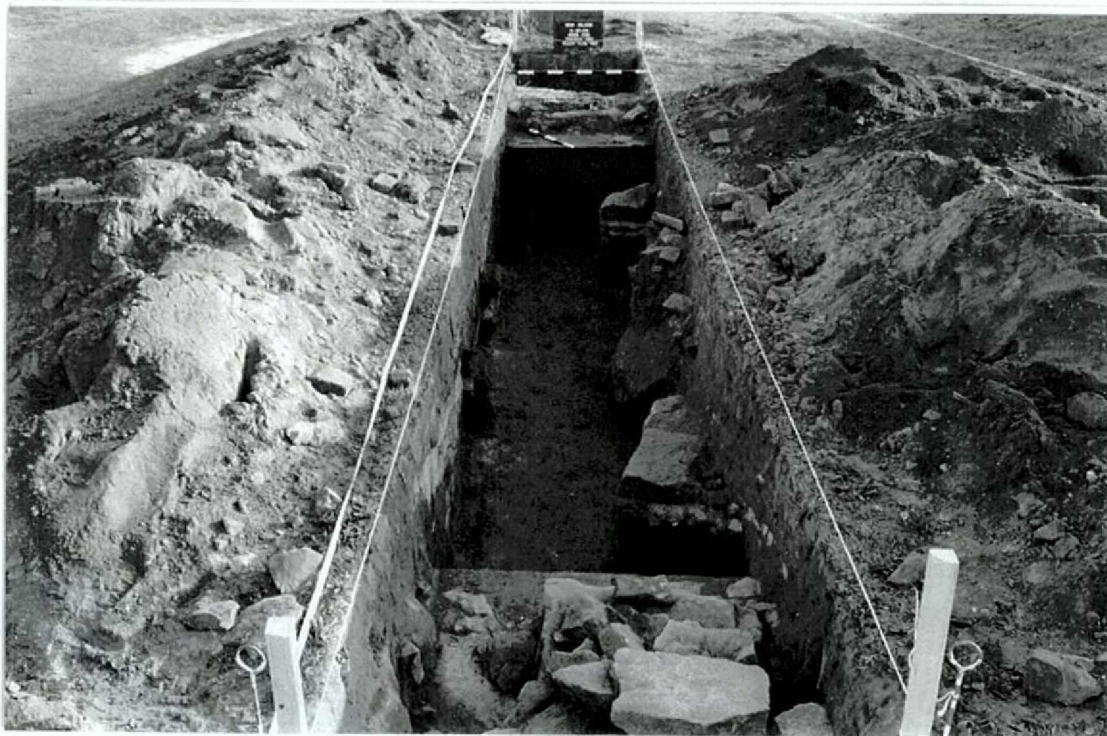
Photographer: S. Eldridge

Date: 04/23/2008

Photo No.: 9

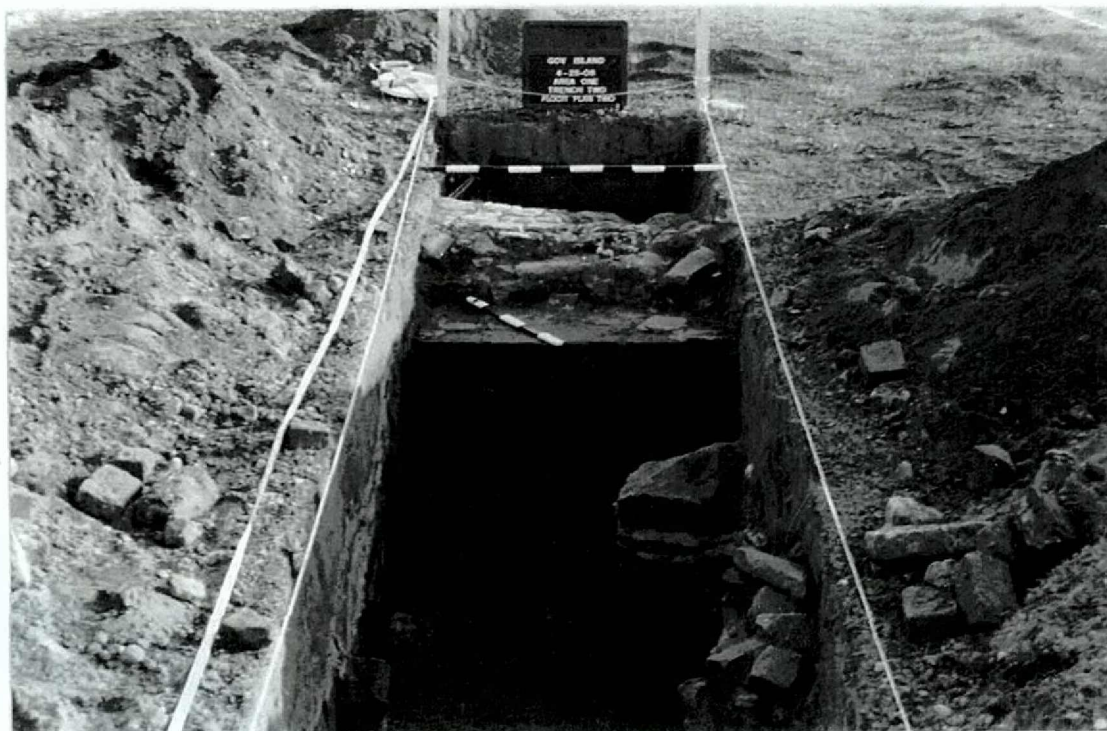
Direction: NE

Comments:
Area 1, Trench 2.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/23/2008
Photo No.: 10
Direction: NE
Comments:
Area 1, Trench 2 "covered defile" north wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/23/2008

Photo No.: 11

Direction: SW

Comments:
Area 1, Trench 2.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/23/2008

Photo No.: 12

Direction: SW

Comments:

Area 1, Trench 2 "covered defile" south wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

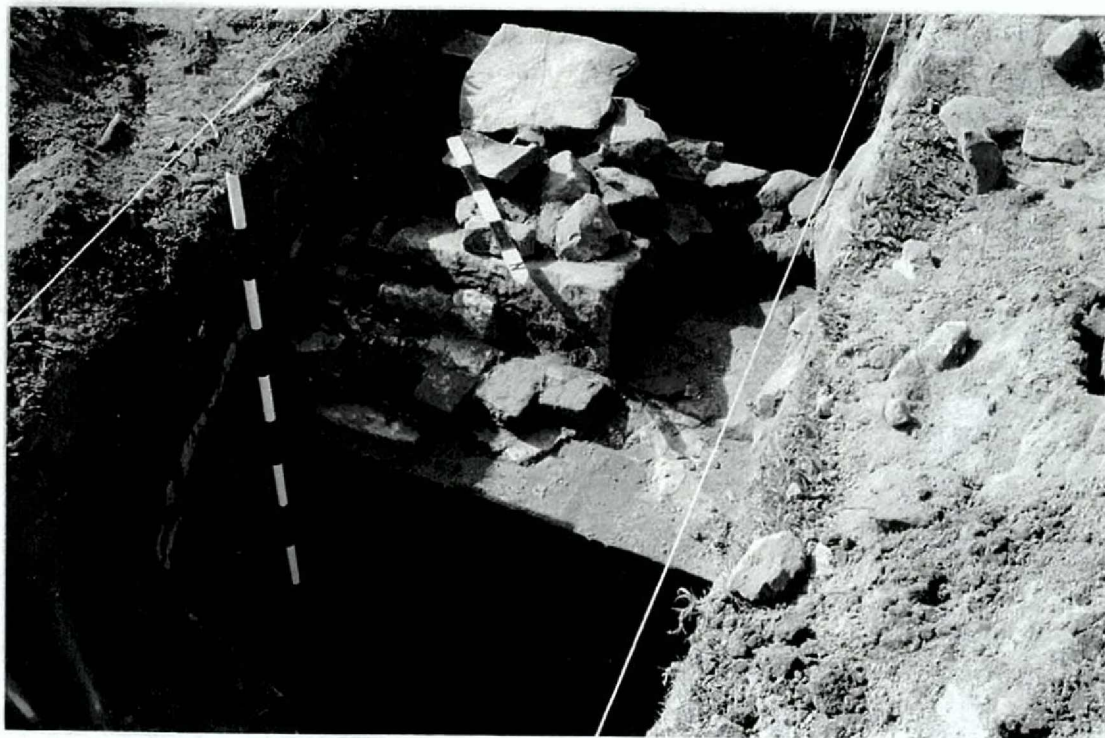
Date: 04/23/2008

Photo No.: 13

Direction: S

Comments:

Area 1, Trench 2 inner facing of "covered defile" south wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

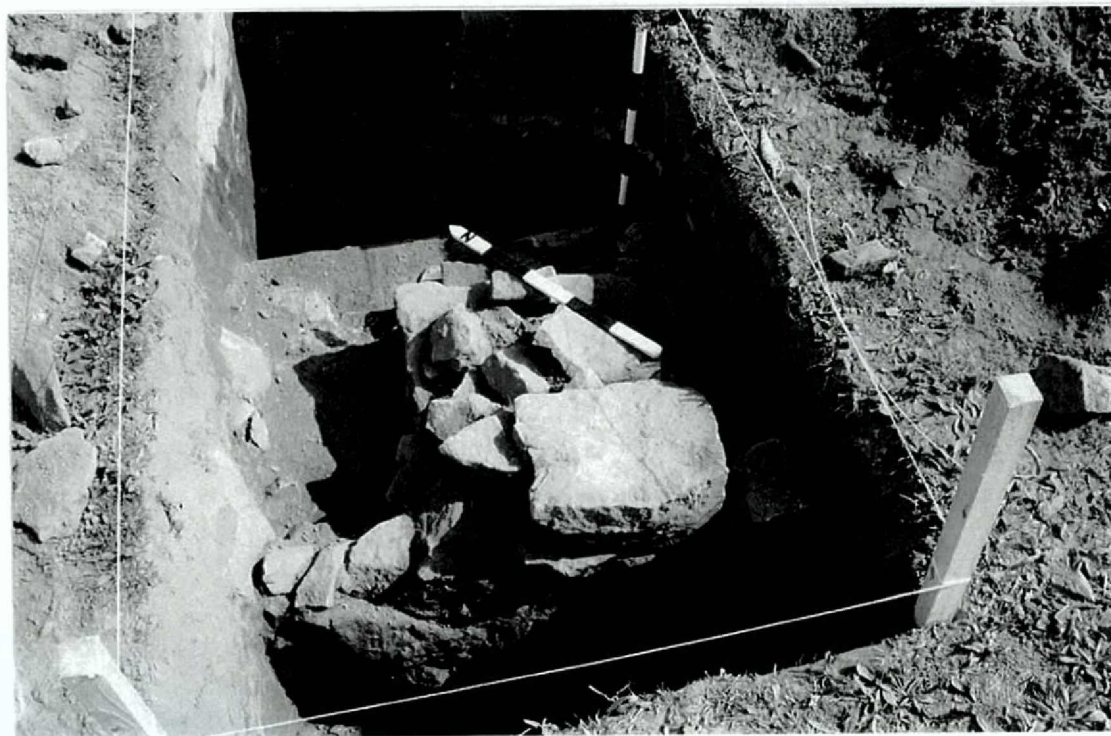
Date: 04/23/2008

Photo No.: 14

Direction: NE

Comments:

Area 1, Trench 2 outer facing of "covered defile" south wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/23/2008

Photo No.: 15

Direction: SW

Comments:

Area 1, Trench 2 outer facing of "covered defile" north wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/23/2008

Photo No.: 16

Direction: N

Comments:

Area 1, Trench 2 inner facing of "covered defile" north wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

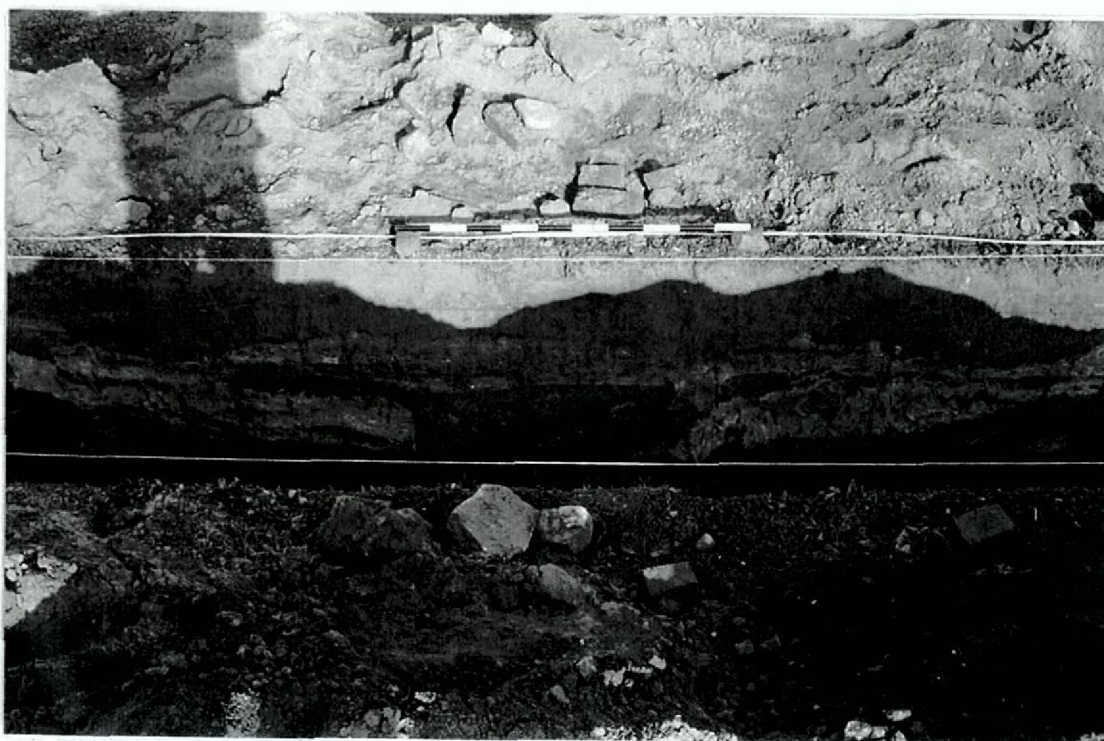
Date: 04/23/2008

Photo No.: 17

Direction: W

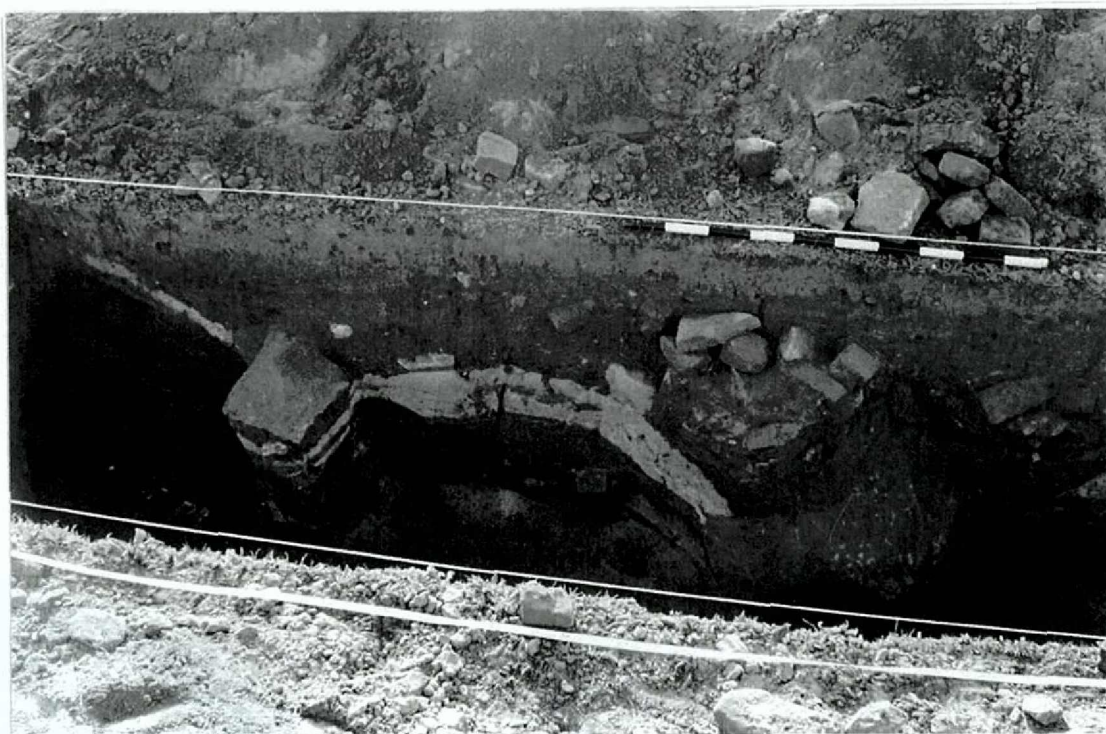
Comments:

Area 1, Trench 2 West Profile showing remaining "covered defile" pathway overlain with sand lenses.



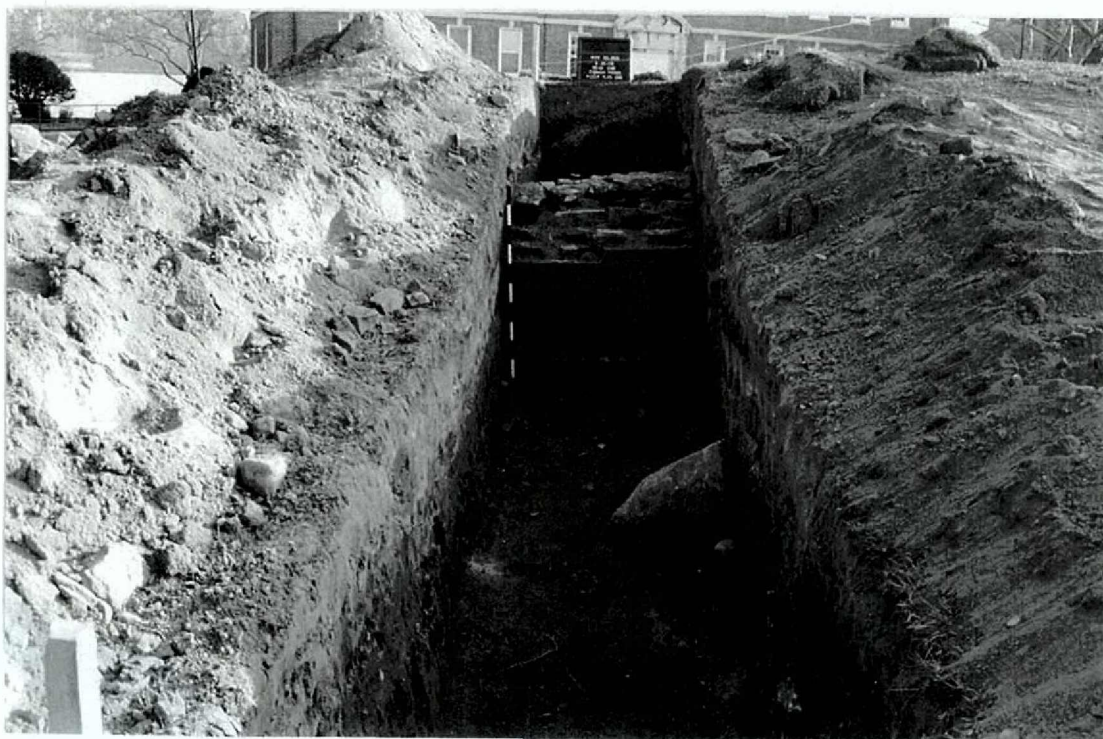
TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS.ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/23/2008
Photo No.: 18
Direction: E
Comments:
Areal, Trench 2 East Profile.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/25/2008
Photo No.: 19
Direction: NE
Comments:
Area 1, Trench 3.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

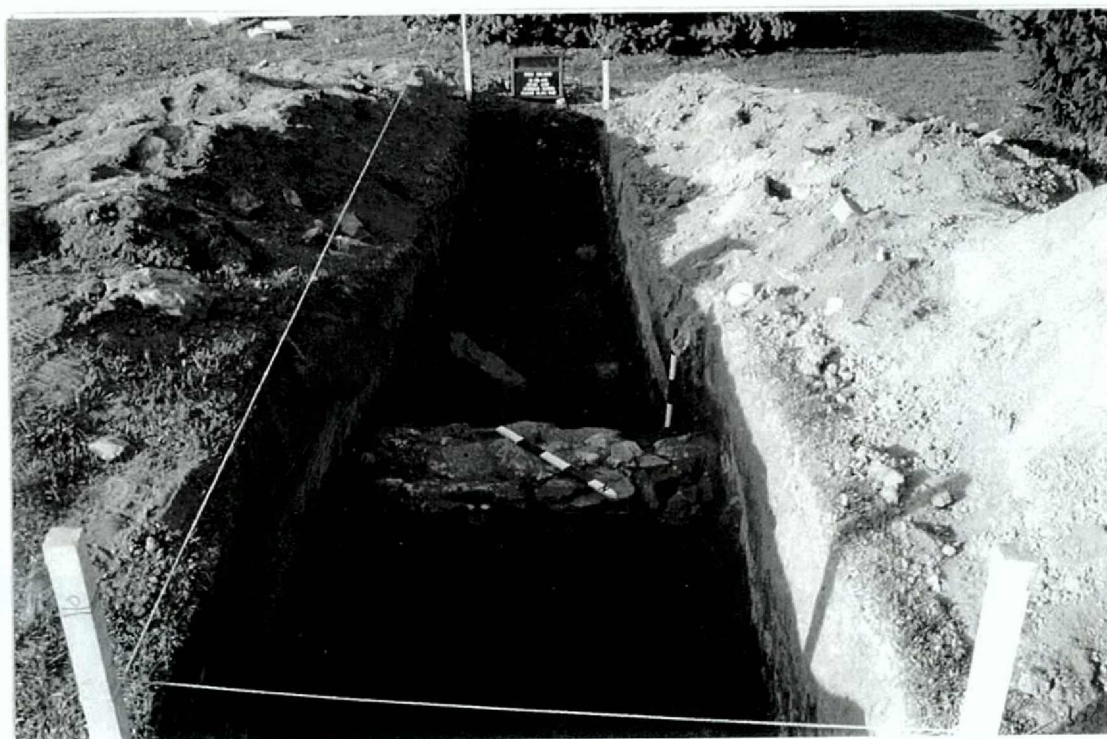
Photographer: S. Eldridge

Date: 04/25/2008

Photo No.: 20

Direction: SW

Comments:
Area 1, Trench 3.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

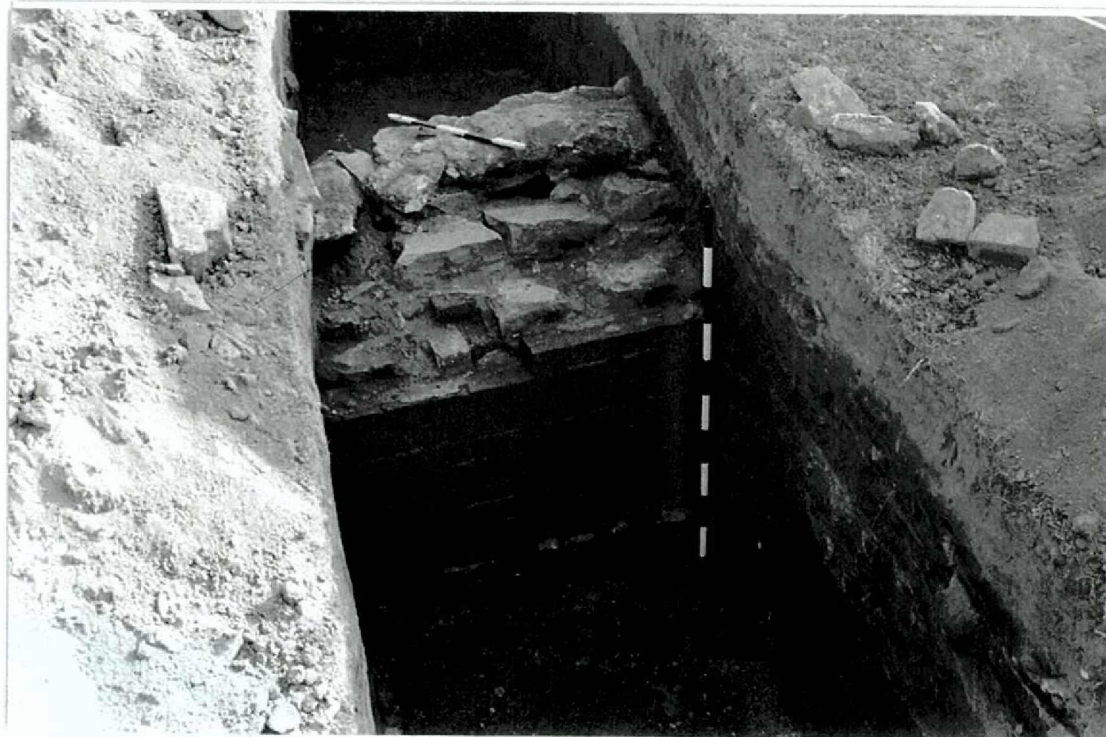
Date: 04/25/2008

Photo No.: 21

Direction: N

Comments:

Area 1, Trench 3 inner facing of "covered defile" north wall section,



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

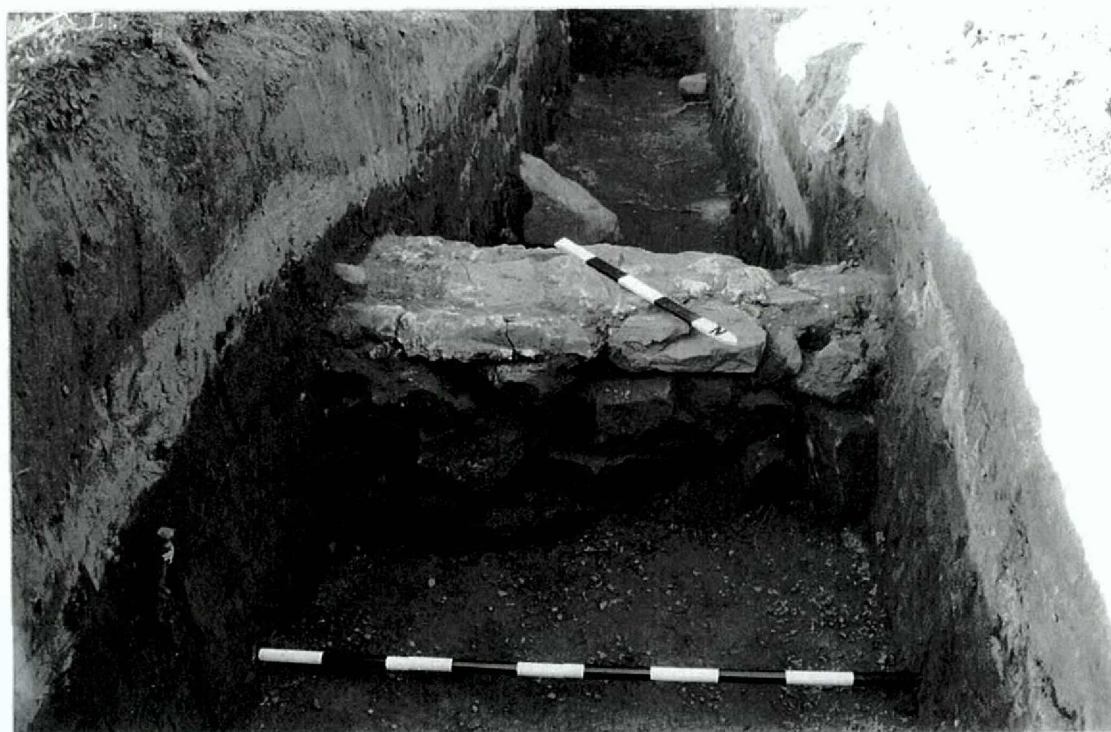
Date: 04/25/2008

Photo No.: 22

Direction: N

Comments:

Area 1, Trench 3 outer facing of "covered defile" north wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

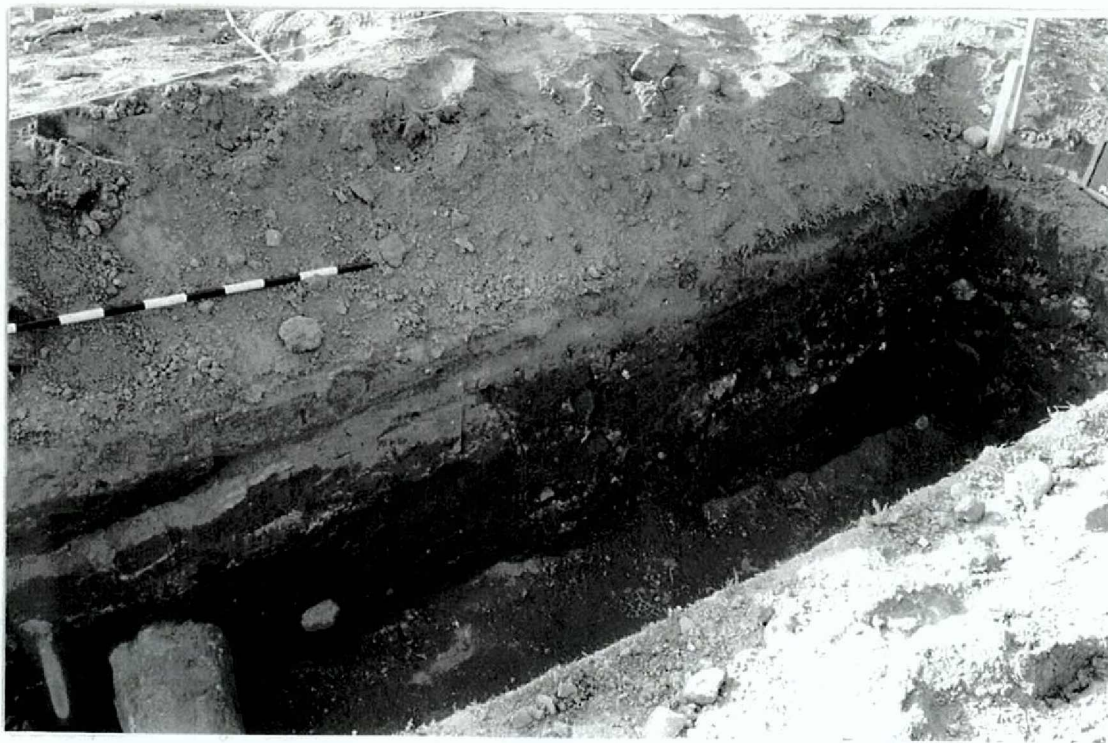
Date: 04/25/2008

Photo No.: 23

Direction: SE

Comments:

Area 1, Trench 3, portion of East Profile. Note absence of "covered defile" south wall section.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

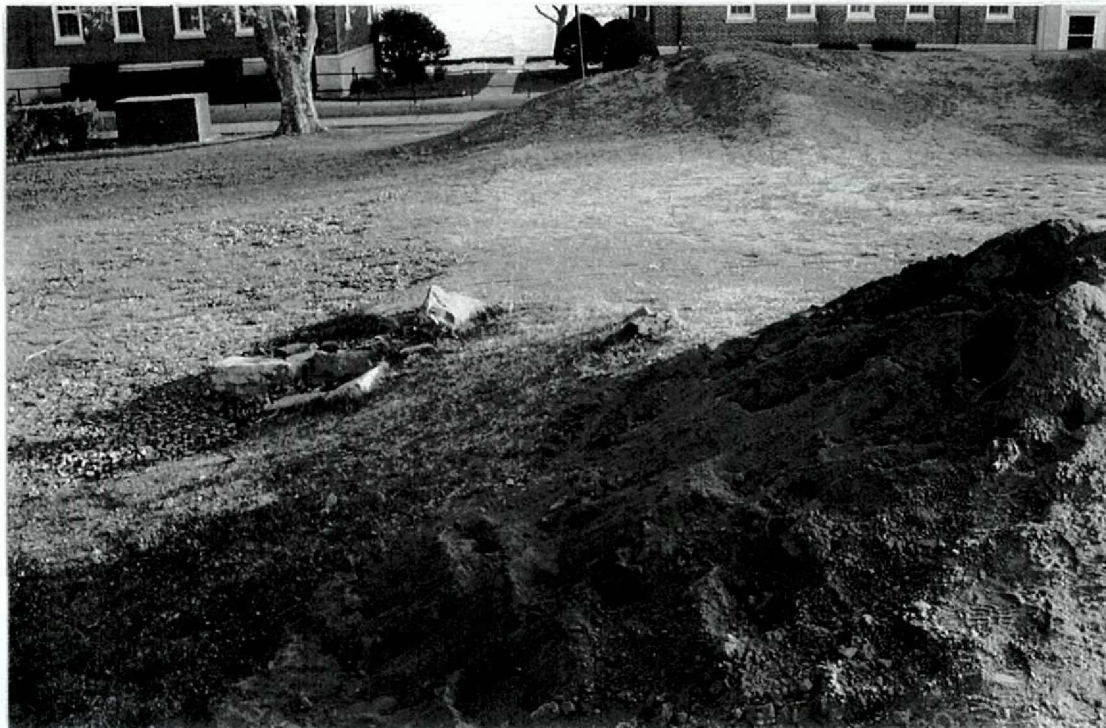
Date: 04/25/2008

Photo No.: 24

Direction: NE

Comments:

Area 1, Ashlar block surface scatter immediately West of Trench 3.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/25/2008

Photo No.: 25

Direction: NE

Comments:

Area 1, Trench 4.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/25/2008

Photo No.: 26

Direction: E

Comments:

Area 1, Trench 4 section of East Profile.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/25/2008

Photo No.: 27

Direction: SE

Comments:

Area 1, Trench 4 section of East Profile.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

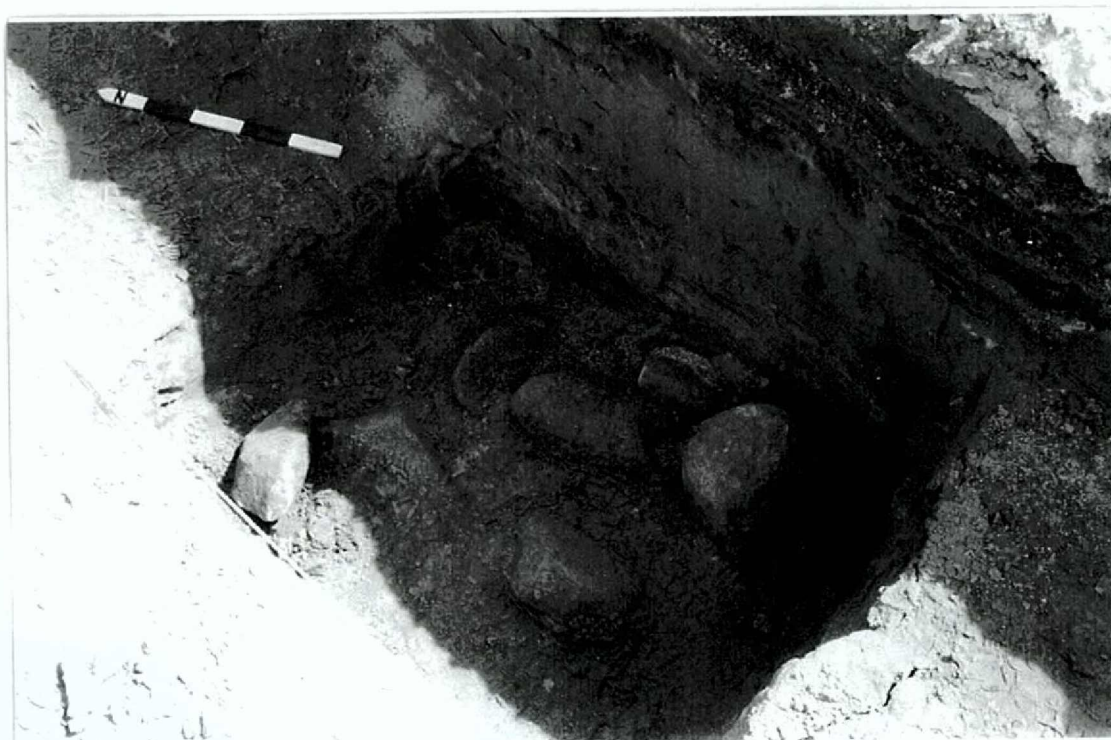
Date: 04/25/2008

Photo No.: 28

Direction: E

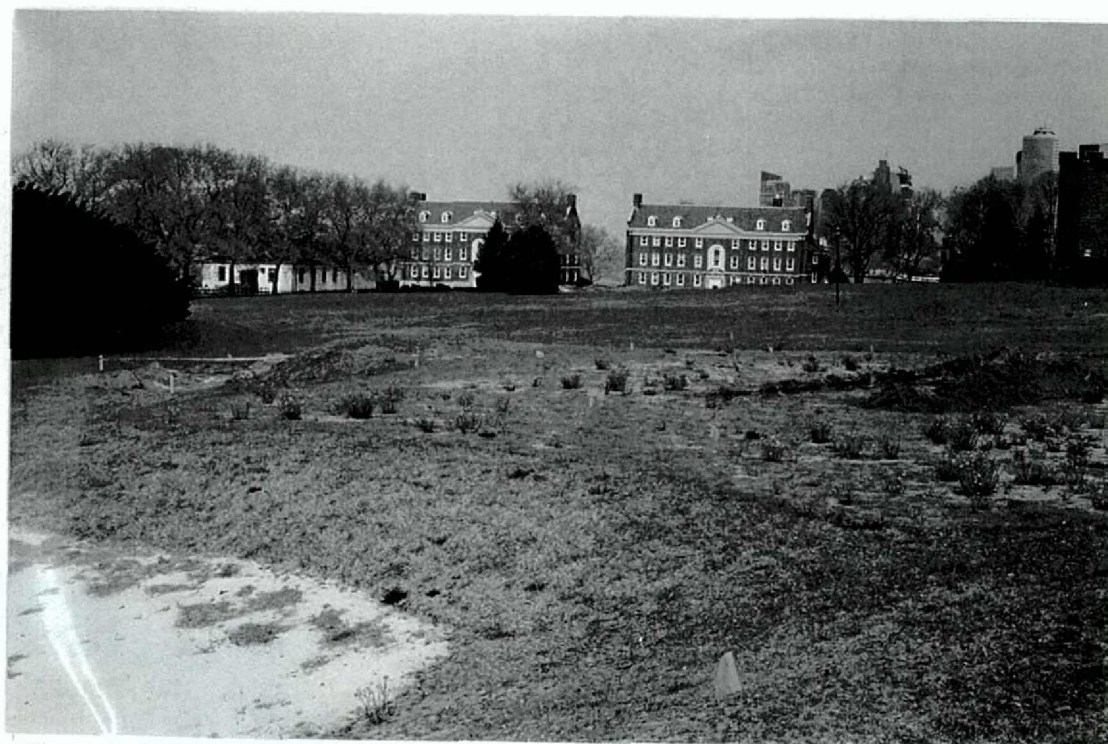
Comments:

Area 1, Trench 4 close-up of 1x1 meter test unit in the base of Trench 4; glacial till/cobbles visible in the base of the test unit.



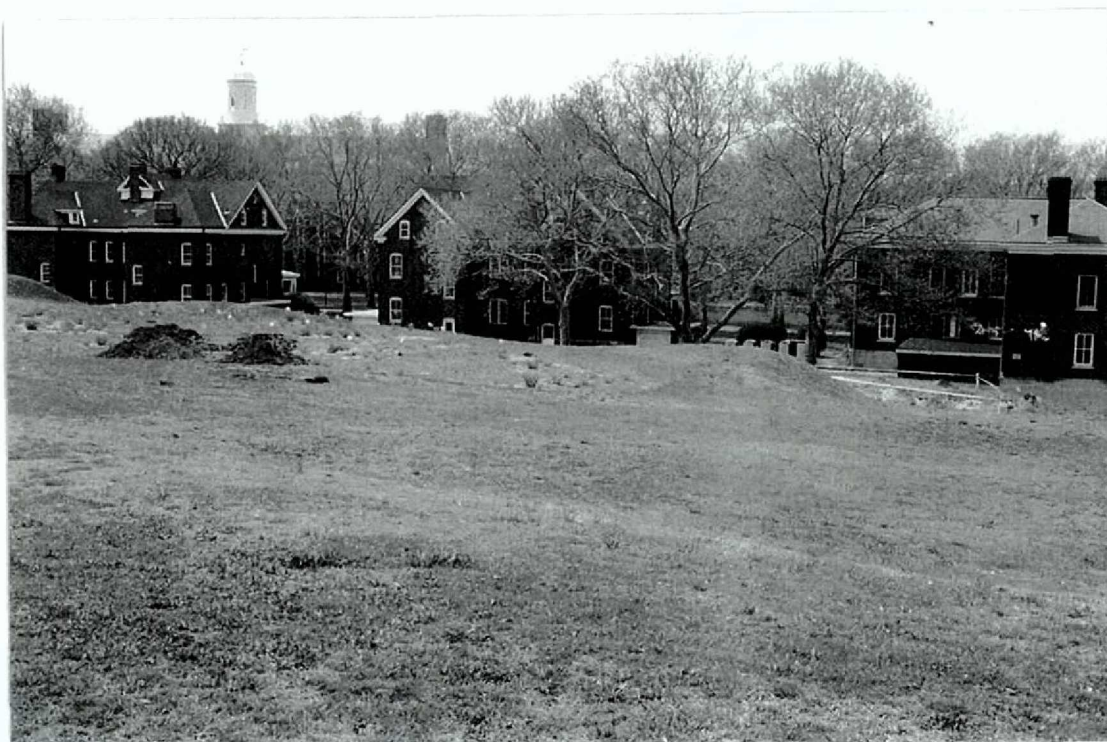
TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/25/2008
Photo No.: 29
Direction: NE
Comments:
Area 2.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/25/2008
Photo No.: 30
Direction: SW
Comments:
Area 2.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

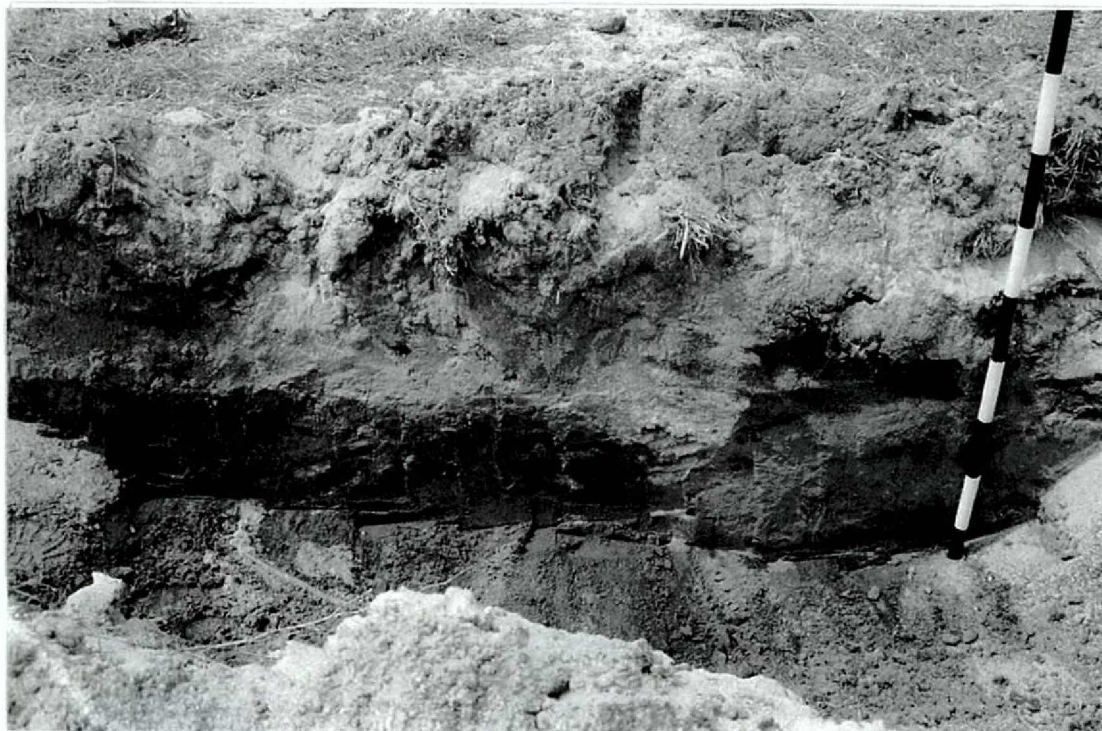
Photographer: S. Eldridge

Date: 04/25/2008

Photo No.: 31

Direction: W

Comments:
Area 2, Sandtrap Trench.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

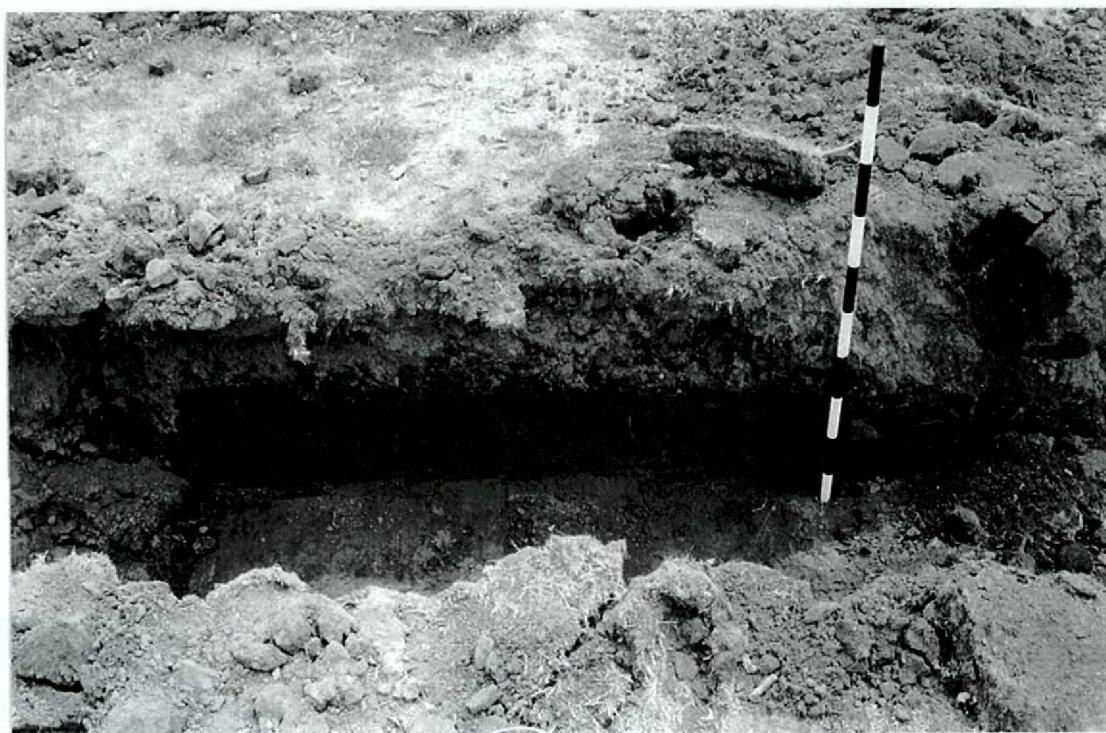
Date: 04/25/2008

Photo No.: 32

Direction: S

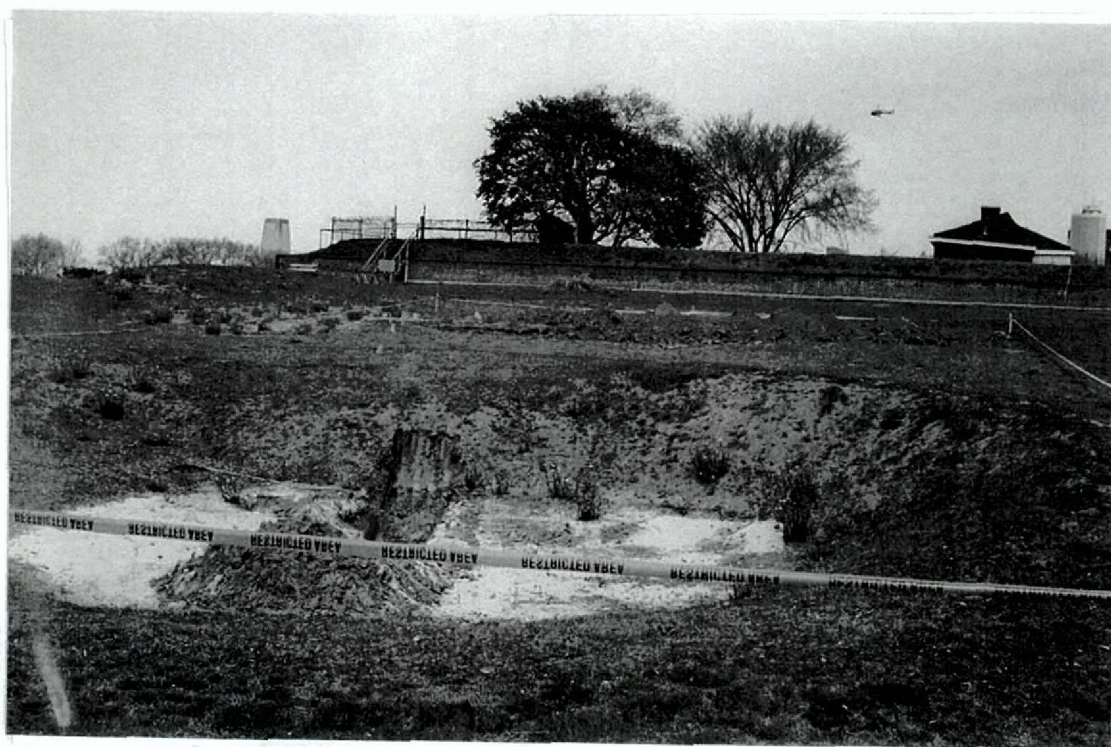
Comments:

Area 2, Green Trench.



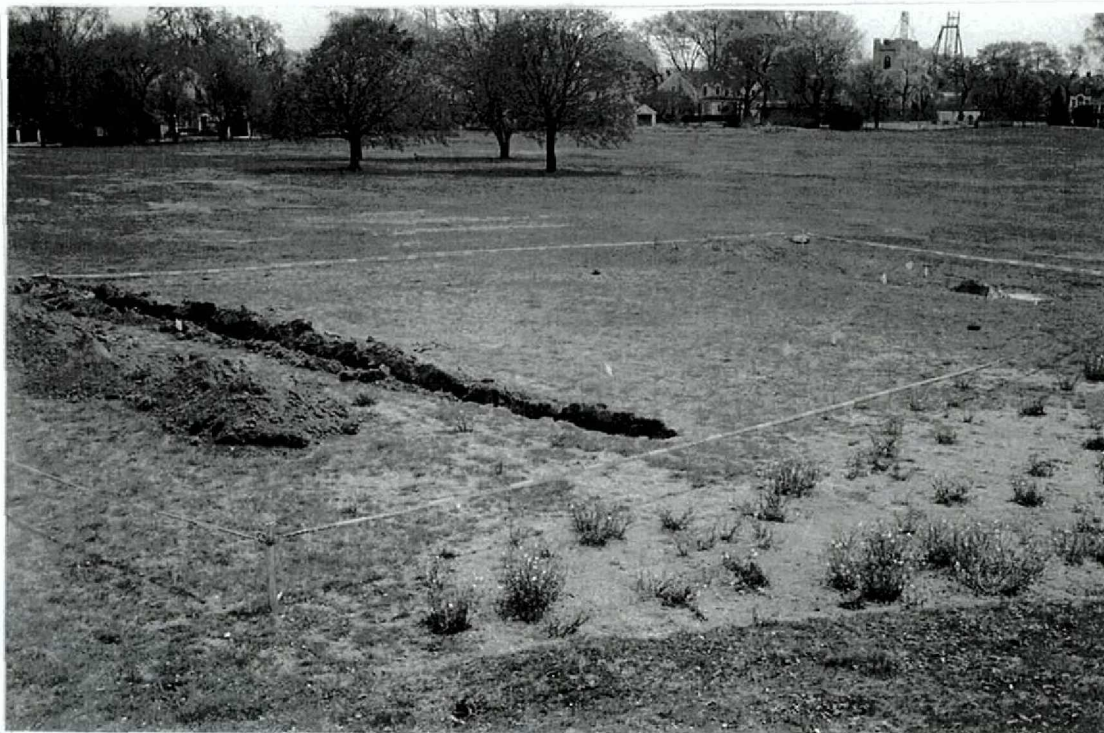
TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/25/2008
Photo No.: 33
Direction: NE
Comments:
Area 3.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/25/2008
Photo No.: 34
Direction: SE
Comments:
Area 3.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/25/2008
Photo No.: 35
Direction: W
Comments:
Area 3, Sandtrap Trench.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

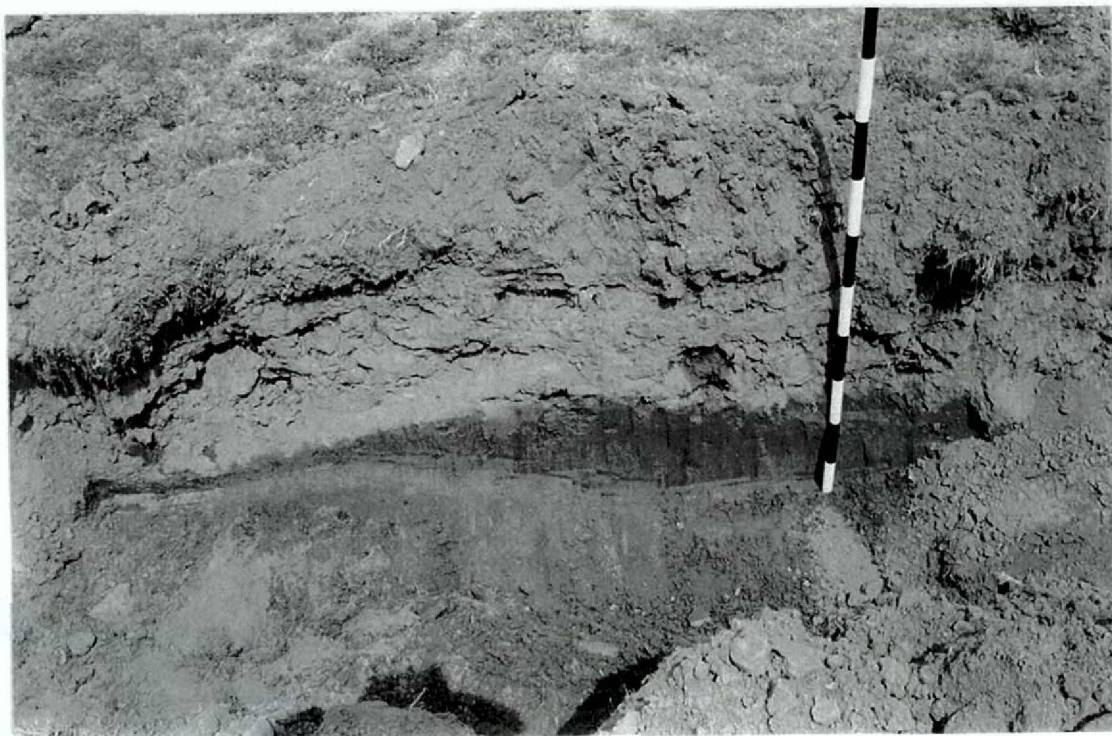
Date: 04/25/2008

Photo No.: 36

Direction: N

Comments:

Area 3, Green Trench.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/25/2008
Photo No.: 37
Direction: NE
Comments:
Area 4.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument
Project: GOIS ARPA Damages Assessment
TT Project Code: NPS-600
Photographer: S. Eldridge
Date: 04/25/2008
Photo No.: 38
Direction: W
Comments:
Area 4.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

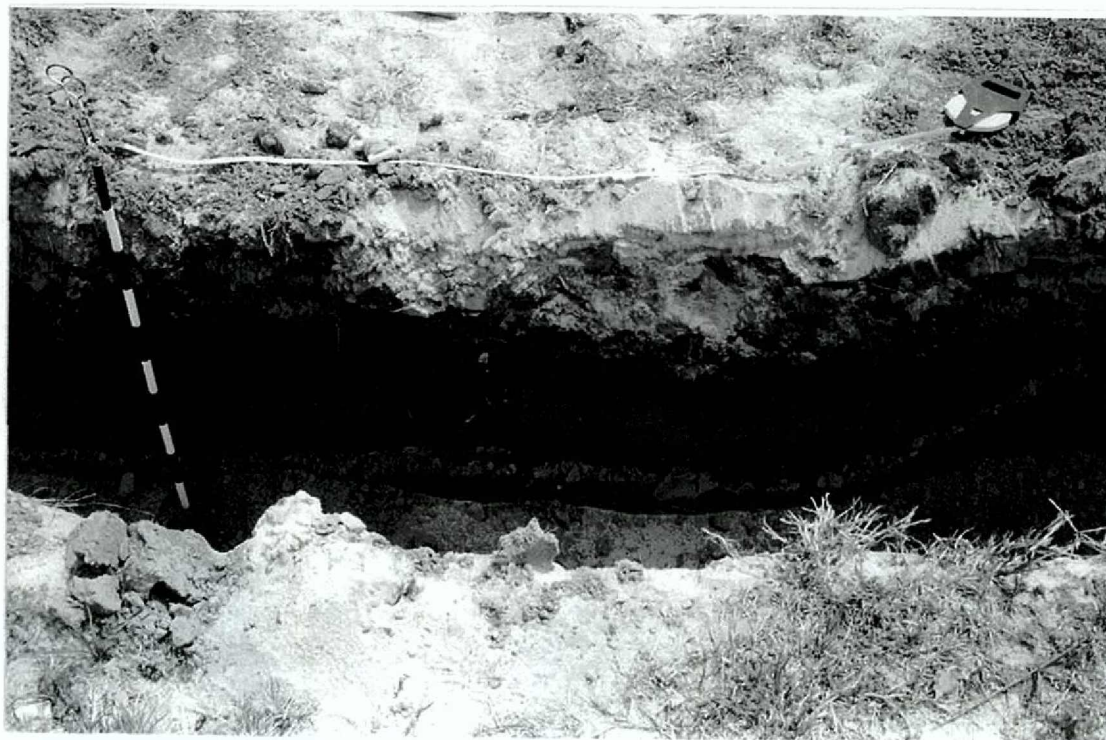
Date: 04/25/2008

Photo No.: 39

Direction: E

Comments:

Area 4, Sandtrap Trench, East Profile.



TETRA TECH, INC., PHOTOGRAPHIC RECORD

Company: National Park Service, Governors Island National Monument

Project: GOIS ARPA Damages Assessment

TT Project Code: NPS-600

Photographer: S. Eldridge

Date: 04/25/2008

Photo No.: 40

Direction: W

Comments:

Area 4, Green Trench, West Profile.



APPENDIX C

**GOIS ARPA DAMAGES ASSESSMENT
GOVENORS ISLAND, NEW YORK**

TRENCH EXCAVATION CHARACTERISTICS AND ARTIFACT INVENTORY

**GOIS ARPA Damage Assessment
Governors Island National Monument
Area 1 Trench Artifact Inventory**

Area	Trench	Stratum	Catalog Numbers (GOIS)	Quantity	Period and Preliminary Description	Notes / Remarks	Date
1	1	I-IV	302	1	shell		4/21/2008
1	1	I-IV	303	1	wadding plug	fiber	4/21/2008
1	1	I-IV	304	1	brick fragment		4/21/2008
			TOTAL COUNT	3			
1	2	I	305	1	nail fragment		4/21/2008
1	2	I	306	2	brown glass fragment	neck	4/21/2008
1	2	I	307	1	clear glass fragment		4/21/2008
			TOTAL COUNT	4			
1	2	II, V	308	1	metal fragment	washer	4/22/2008
1	2	II, V	309	1	metal key		4/22/2008
1	2	II, V	310	1	metal tab	aluminum alloy	4/22/2008
1	2	II, V	311	2	nail fragment		4/22/2008
1	2	II, V	312	1	iron stake		4/22/2008
1	2	II, V	313	1	nail fragment		4/22/2008
1	2	II, V	314	1	metal buckle fragment		4/22/2008
1	2	II, V	315	1	metal fragment	handle	4/22/2008
1	2	II, V	316	1	blue glass fragment		4/22/2008
1	2	II, V	317	8	dark green glass fragment	body	4/22/2008
1	2	II, V	318	2	dark green glass fragment	basal (mend)	4/22/2008
1	2	II, V	319	2	dark green glass fragment	vitrified	4/22/2008
1	2	II, V	320	1	aqua glass fragment		4/22/2008
1	2	II, V	321	1	frosted clear glass fragment	rim	4/22/2008
1	2	II, V	322	1	clear glass fragment	body	4/22/2008
1	2	II, V	323	1	clear glass stem fragment	with shoulder	4/22/2008
1	2	II, V	324	1	aqua glass fragment	bottle (MSS...)	4/22/2008
1	2	II, V	325	1	clear glass fragment		4/22/2008
1	2	II, V	326	1	stoneware fragment	blue under glaze dec.	4/22/2008
1	2	II, V	327	1	creamware fragment	undecorated	4/22/2008
1	2	II, V	328	1	mammal tooth		4/22/2008
1	2	II, V	329	1	mammal bone	possible scapula	4/22/2008
1	2	II, V	330	1	mammal bone		4/22/2008
1	2	II, V	331	1	shell		4/22/2008
1	2	II, V	332	1	shell		4/22/2008
1	2	II, V	333	1	pipe stem fragment		4/22/2008
1	2	II, V	334	1	unknown synthetic	composite	4/22/2008
1	2	II, V	335	1	chert gunflint fragment		4/22/2008
1	2	II, V	336	1	chert gunflint		4/22/2008
1	2	II, V	337	1	.44 caliber bullet	~1810-85	4/22/2008
1	2	II, V	338	1	glazed brick fragment		4/22/2008
1	2	II, V	339	1	slag		4/22/2008
			TOTAL COUNT	42			
1	3	I, IV	340	4	nail fragment		4/22/2008
1	3	I, IV	341	1	stake		4/22/2008
1	3	I, IV	342	1	tack		4/22/2008
1	3	I, IV	343	1	dark green glass fragment	basal	4/22/2008
1	3	I, IV	344	1	dark green glass fragment	body	4/22/2008
1	3	I, IV	345	1	green glass fragment	vitrified	4/22/2008
1	3	I, IV	346	1	clear glass fragment	bottle base	4/22/2008
1	3	I, IV	347	1	clear glass fragment	bottle lip/rim	4/22/2008
1	3	I, IV	348	1	clear windowpane fragment		4/22/2008
1	3	I, IV	349	1	ceramic button		4/22/2008
1	3	I, IV	350	1	ceramic bisque fragment		4/22/2008
1	3	I, IV	351	1	ironstone ware fragment		4/22/2008
1	3	I, IV	352	1	Tin enameled earthenware fragment	English delft	4/22/2008
1	3	I, IV	353	2	brown glazed earthenware fragment	jug	4/22/2008
1	3	I, IV	354	1	whiteware fragment	pearlware body	4/22/2008
1	3	I, IV	355	1	whiteware fragment	body	4/22/2008
1	3	I, IV	356	1	marbled slipware fragment	earthenware (mocha)	4/22/2008
1	3	I, IV	357	1	shell		4/22/2008
1	3	I, IV	358	1	ceramic insulator fragment		4/22/2008
1	3	I, IV	359	1	porcelain bottle stopper	fragment	4/22/2008

**GOIS ARPA Damage Assessment
Governors Island National Monument
Area 1 Trench Artifact Inventory**

Area	Trench	Stratum	Catalog Numbers (GOIS)	Quantity	Period and Preliminary Description	Notes / Remarks	Date
1	3	LIV	360	1	pipe stem fragment		4/22/2008
1	3	LIV	361	1	pipe stem fragment		4/22/2008
1	3	LIV	362	1	pipe bowl fragment		4/22/2008
1	3	LIV	363	1	plastic fragment	brown	4/22/2008
1	3	LIV	364	1	plastic fragment	tan	4/22/2008
1	3	LIV	365	1	plastic fragment	tab	4/22/2008
1	3	LIV	366	1	plastic fragment	wire cover	4/22/2008
1	3	LIV	367	1	penny	1990	4/22/2008
1	3	LIV	368	1	one cent	1851	4/22/2008
1	3	LIV	369	1	bullet casing	22 long	4/22/2008
1	3	LIV	370	1	.30 caliber bullet casing	1952	4/22/2008
TOTAL COUNT				35			
1	3	V	371	1	pipe stem fragment		4/22/2008
1	3	V	372	1	redware fragment	jackfield, basal	4/22/2008
1	3	V	373	1	creamware fragment	polychrome stenciled, rim	4/22/2008
1	3	V	374	1	creamware fragment	polychrome stenciled, body	4/22/2008
1	3	V	375	1	creamware fragment	polychrome stenciled, basal (mend w/body)	4/22/2008
1	3	V	376	1	dark green glass fragment	body sherd	4/22/2008
1	3	V	377	1	amber glass fragment		4/22/2008
1	3	V	378	1	clear glass fragment		4/22/2008
1	3	V	379	1	nail fragment	highly corroded	4/22/2008
1	3	V	380	1	.30 caliber bullet casing	1952	4/22/2008
1	3	V	381	1	.30 caliber bullet casing	1952	4/22/2008
1	3	V	382	1	.30 caliber bullet casing	1952	4/22/2008
TOTAL COUNT				12			
1	3	VI	383	1	door hinge	spring loaded	4/22/2008
1	3	VI	384	1	metal rod	bent	4/22/2008
1	3	VI	385	1	crowbar tip		4/22/2008
1	3	VI	386	2	brown glass fragment	body	4/22/2008
1	3	VI	387	1	brown glass fragment	basal	4/22/2008
1	3	VI	388	2	brown glass fragment	weathered/scratched, body (mend)	4/22/2008
1	3	VI	389	1	aqua glass fragment	body w/ writing, vitrified	4/22/2008
1	3	VI	390	1	aqua glass fragment	basal, vitrified	4/22/2008
1	3	VI	391	1	aqua glass fragment	neck, vitrified	4/22/2008
1	3	VI	392	1	aqua glass fragment	body, good condition	4/22/2008
1	3	VI	393	1	aqua glass fragment	body, lighter colored	4/22/2008
1	3	VI	394	1	clear glass fragment	base with pontil	4/22/2008
1	3	VI	395	1	frosted clear glass fragment	neck/rim	4/22/2008
1	3	VI	396	1	blue/green glass fragment	bottle	4/22/2008
1	3	VI	397	1	light aqua glass fragment	body	4/22/2008
1	3	VI	398	3	dark green glass fragment	body	4/22/2008
1	3	VI	399	1	dark green glass fragment	basal	4/22/2008
1	3	VI	400	2	dark green glass fragment	weathered/scratched, body	4/22/2008
1	3	VI	401	1	dark green glass fragment	shoulder/neck	4/22/2008
1	3	VI	402	1	dark green glass fragment	thick, black-green color	4/22/2008
1	3	VI	403	2	forest green glass fragment	body	4/22/2008
1	3	VI	404	2	glazed earthenware jug fragment	saltglaze ext; brown glaze int.	4/22/2008
1	3	VI	405	1	glazed stoneware jug fragment	saltglaze ext; brown glaze int.	4/22/2008
1	3	VI	406	1	glazed stoneware jug fragment	jasper color glaze ext/ white saltglaze int.	4/22/2008
1	3	VI	407	1	lead glazed redware fragment		4/22/2008
1	3	VI	408	1	creamware fragment	undecorated	4/22/2008
1	3	VI	409	1	whiteware fragment	high fired	4/22/2008
1	3	VI	410	1	whiteware fragment	undecorated	4/22/2008
1	3	VI	411	1	redware water-pipe fragment	body	4/22/2008
1	3	VI	412	1	redware water-pipe fragment	lip	4/22/2008
1	3	VI	413	2	mammal bone	humerus	4/22/2008

**GOIS ARPA Damage Assessment
Governors Island National Monument
Area 1 Trench Artifact Inventory**

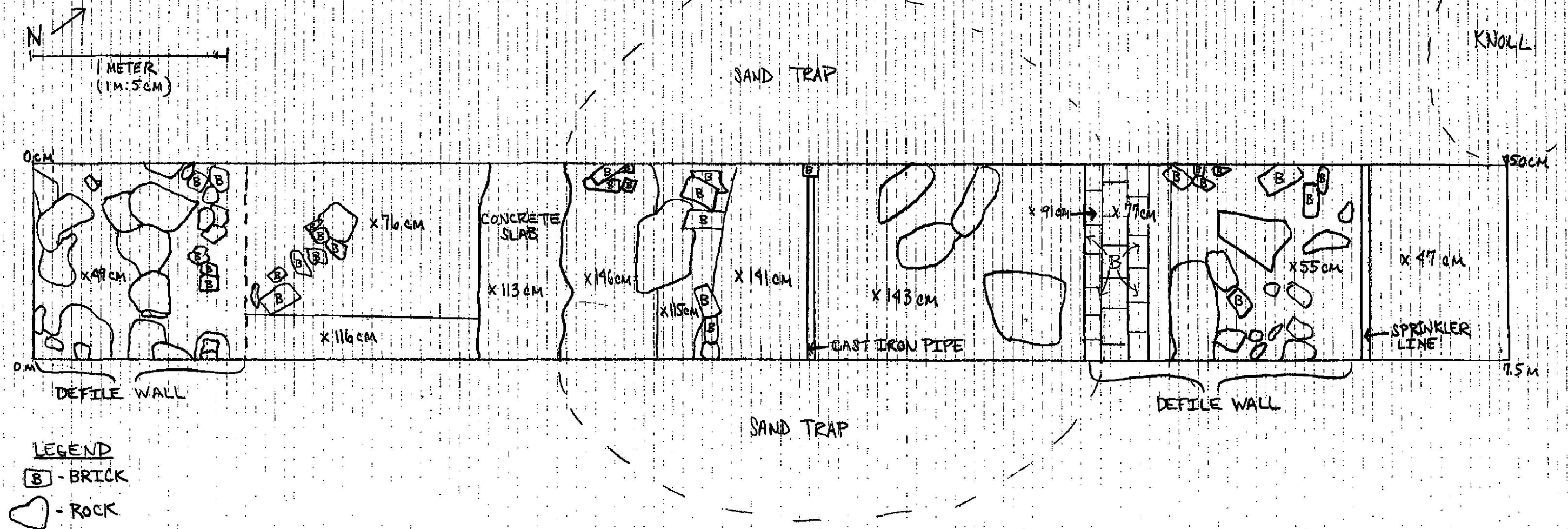
Area	Trench	Stratum	Catalog Numbers (GOIS)	Quantity	Period and Preliminary Description	Notes / Remarks	Date
1	3	VI	414	1	mammal bone	rib	4/22/2008
1	3	VI	415	1	mammal bone	phalange	4/22/2008
1	3	VI	416	1	mammal bone	metaphyses	4/22/2008
1	3	VI	417	1	pipe stem fragment		4/22/2008
1	3	VI	418	1	pipe stem fragment		4/22/2008
1	3	VI	419	1	pipe stem fragment		4/22/2008
1	3	VI	420	1	pipe stem fragment		4/22/2008
1	3	VI	421	1	pipe stem fragment		4/22/2008
1	3	VI	422	1	glass bottle stopper		4/22/2008
1	3	VI	423	1	mica disk		4/22/2008
1	3	VI	424	1	Indian head penny	1862	4/22/2008
			TOTAL COUNT	50			
			TOTAL ARTIFACT COUNT	146			

APPENDIX D

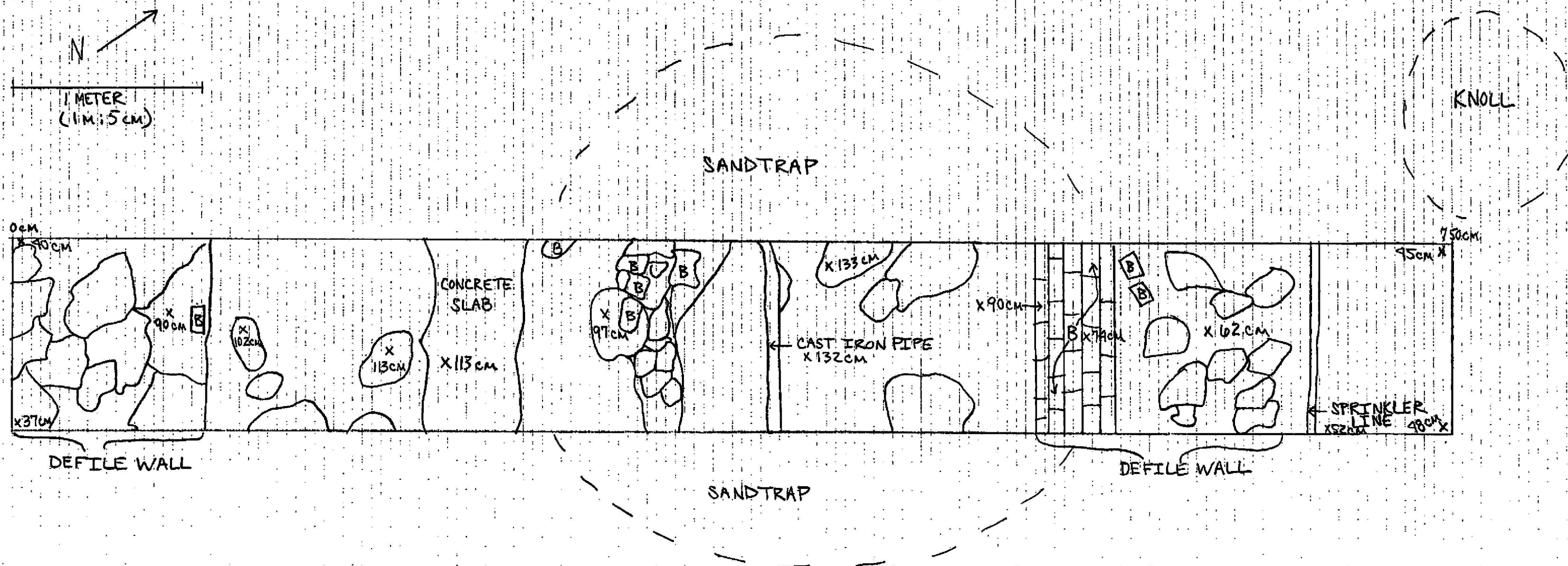
GOIS ARPA DAMAGES ASSESSMENT
GOVERNORS ISLAND, NEW YORK

TRENCH PROFILES AND FLOOR PLANS

GOIS ARPA DAMAGE ASSESSMENT
GOIS, NY, NY
AREA I - TRENCH
FLOOR PLAN I
TT, Inc. 4/21/08



GOIS ARPA DAMAGE ASSESSMENT
GOIS, NY, NY
AREA 1 - TRENCH 1
FLOOR PLAN 2
TT, INC. 4/22/00



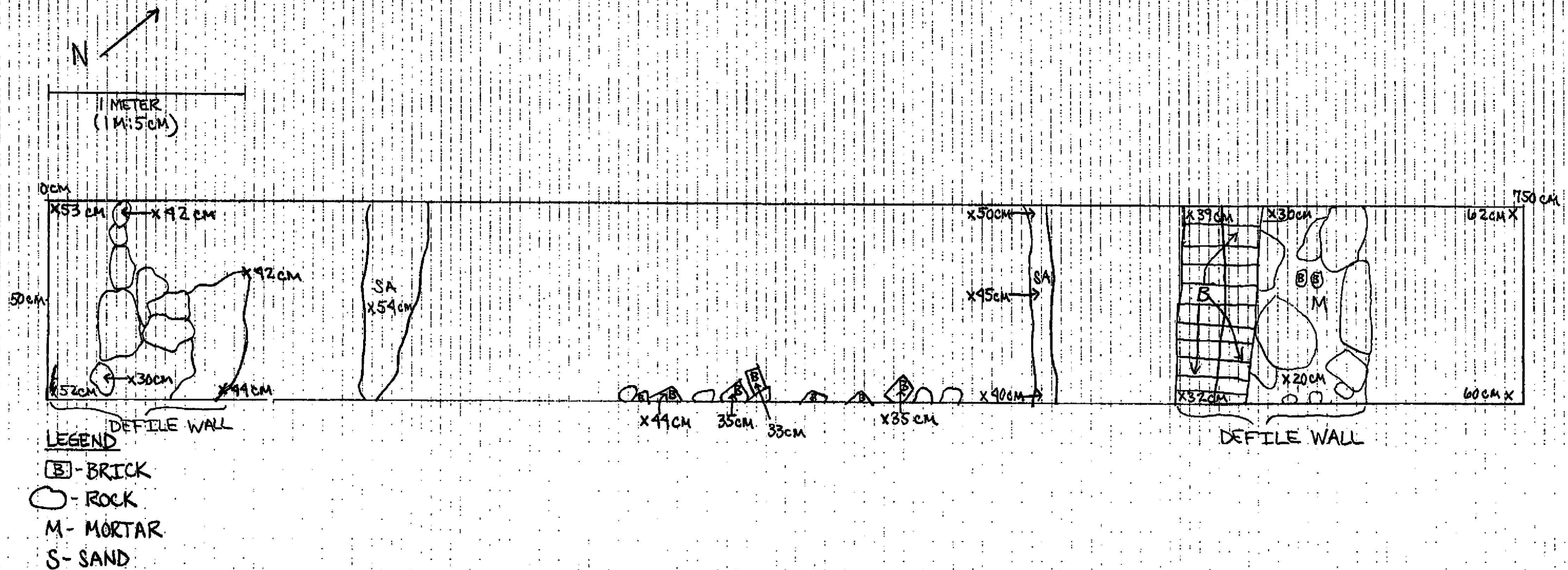
TT, INC. 4/22/08



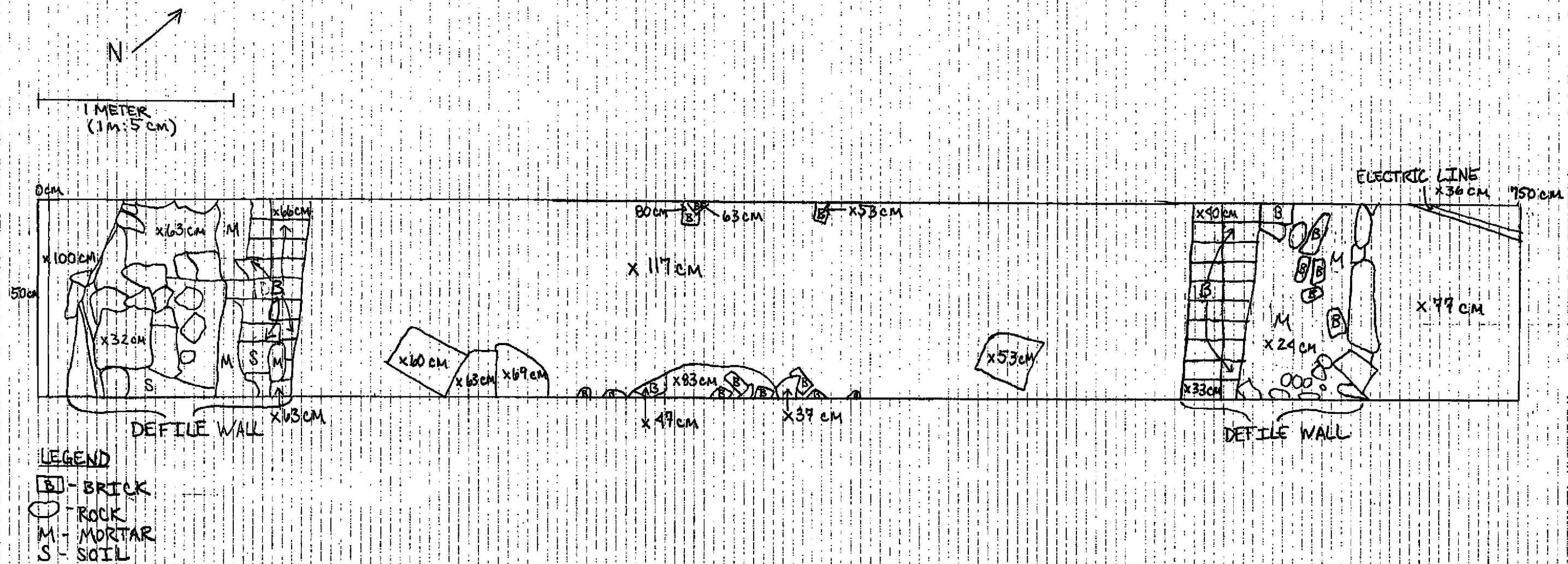
C - CONCRETE SLAB

IV- SAND, 10 YR 4/6

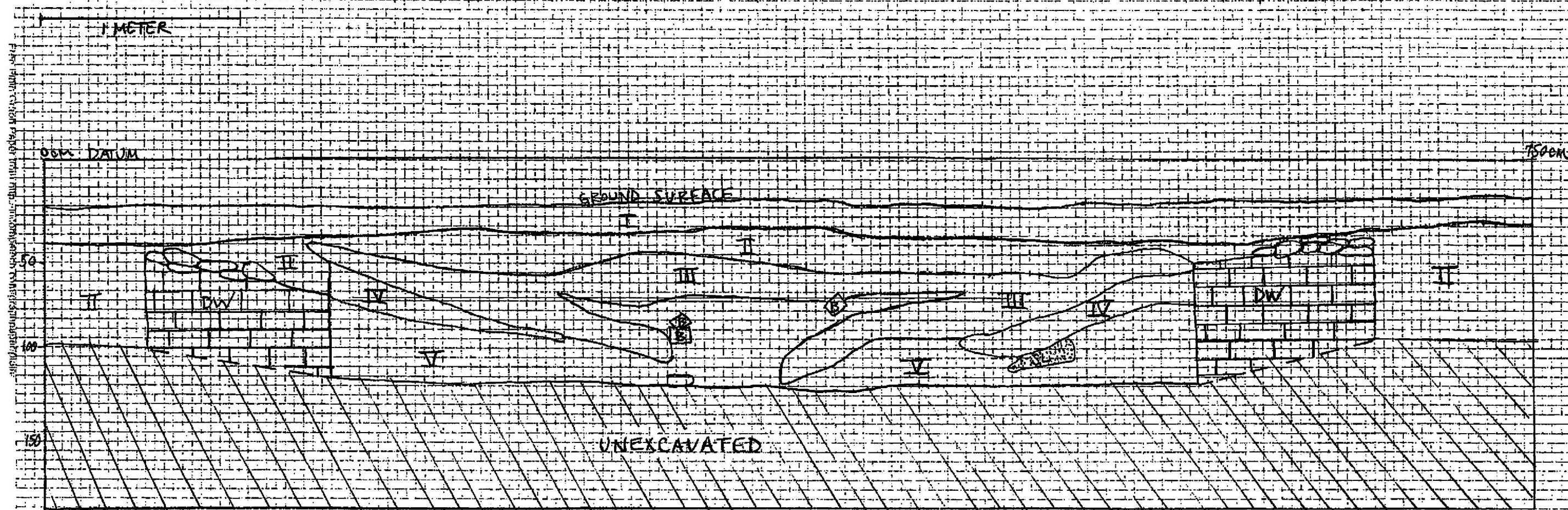
GOIS DAMAGE ASSESSMENT
 GOIS, NY, NY
 AREA 1 - TRENCH 2
 FLOOR PLAN 1
 TT, INC., 1/21/08



TT, INC. 4/23/08



GOIS ARPA DAMAGE ASSESSMENT
 GOIS, NY, NY
 AREA 1 - TRENCH 2
 WEST WALL PROFILE
 TT, INC. 9/23/08



LEGEND

- (○) - ROCK
- (B) - BRICK
- (DW) - DEFILE WALL
- (SL) - SAND LENS

- I - SILTY SANDS, 10 YR 3/2
- II - SILTY SANDS, 10 YR 3/6
- III - SAND, 10 YR 6/2

- IV - SILTY SAND, 10 YR 2/2
- V - SILTY SAND, 10 YR 4/6

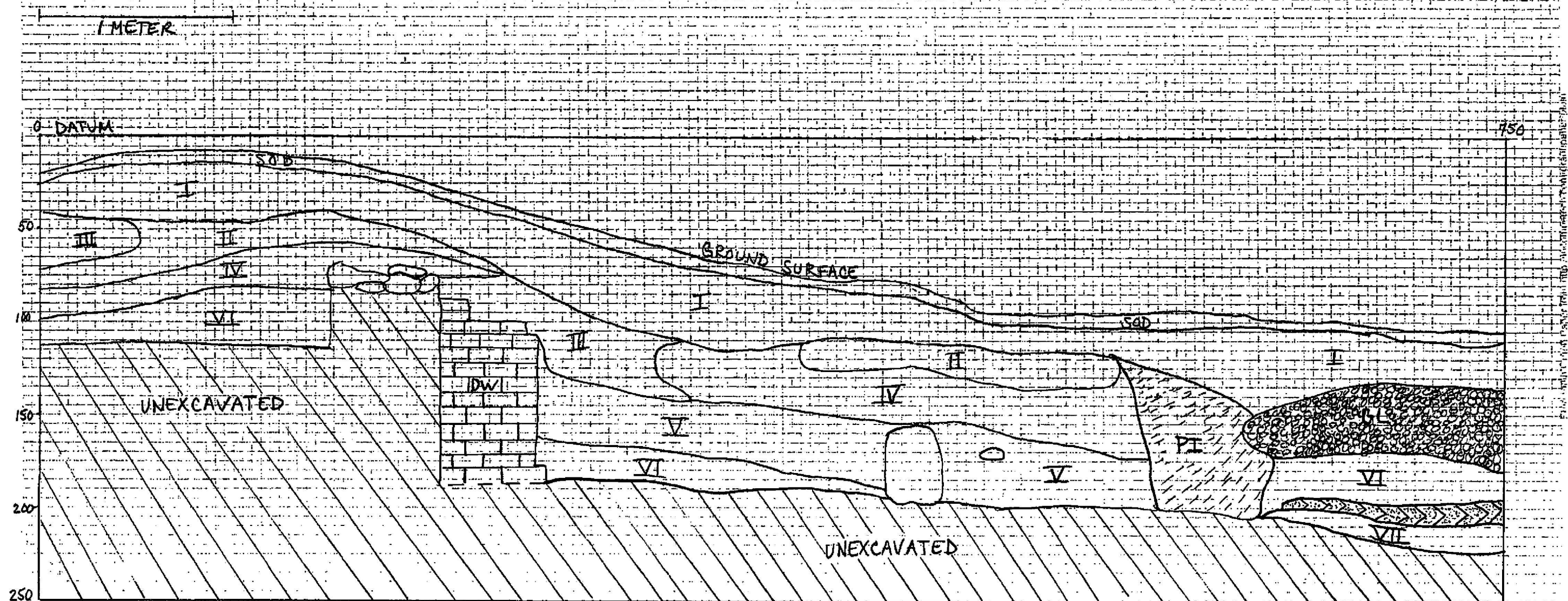
GOIS ARPA DAMAGE ASSESSMENT

GOIS, NY, NY

AREA 1 - TRENCH 3

WEST WALL PROFILE

TT, INC. 4/25/08



LEGEND

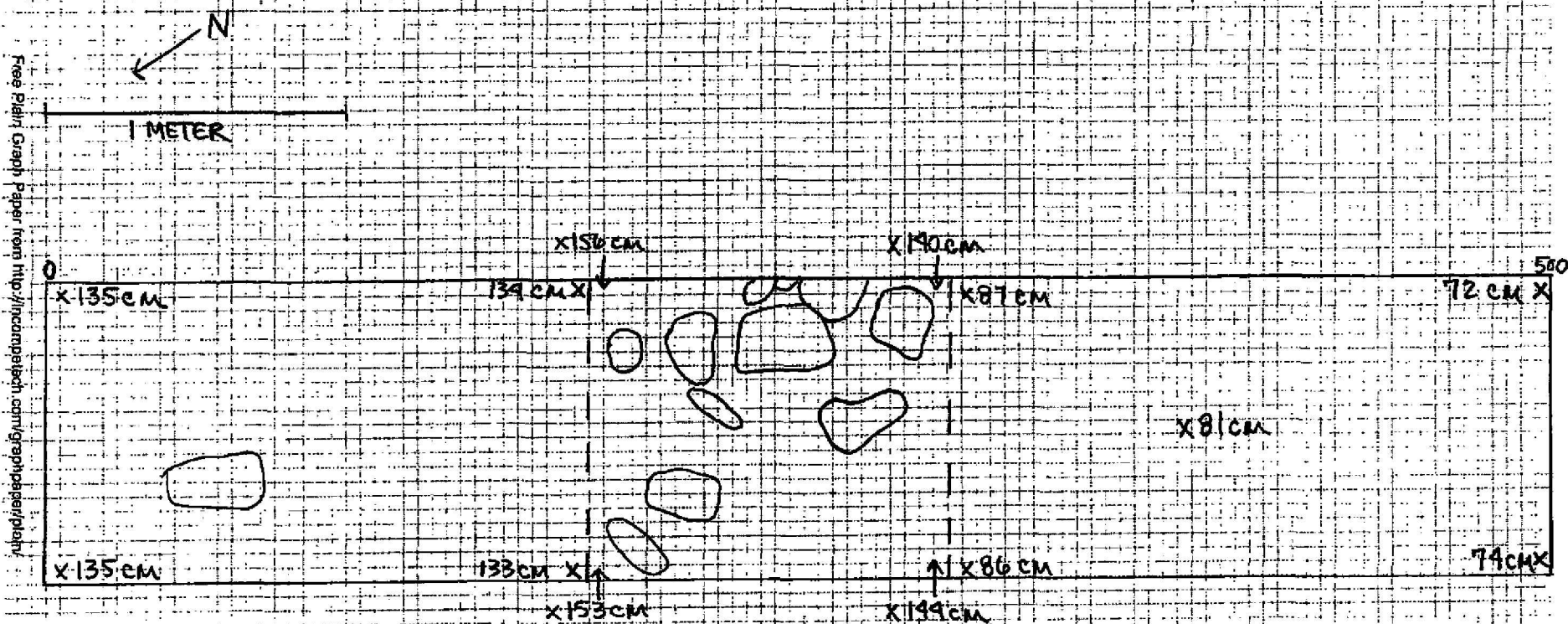
- - ROCK
- DW - DEFILE WALL
- ⊞ - GRAVEL LENS
- ⊞ - ASHLAR BLOCK FRAGMENTS

- I - SANDY LOAM, 10 YR 3/3
- II - SAND, 10 YR 6/2
- III - SILTY SAND, 10 YR 2/2

- IV - SILTY SAND, 10 YR 3/2
- V - SILTY SAND, 10 YR 3/3
- VI - SILTY SAND, 10 YR 3/6

- VII - SILTY SAND, 10 YR 3/6
- PI - PIT INTRUSION (RUBBLE FILL)

TT, INC. 4/25/08



LEGEND

Q-Rock

GOIS ARPA DAMAGE ASSESSMENT

GOIS, NY, NY

AREA I - TRENCH 4

EAST WALL PROFILE

TT, Inc. 4/25/08

LEGEND

I - SANDY LOAM, 10 YR 3/3

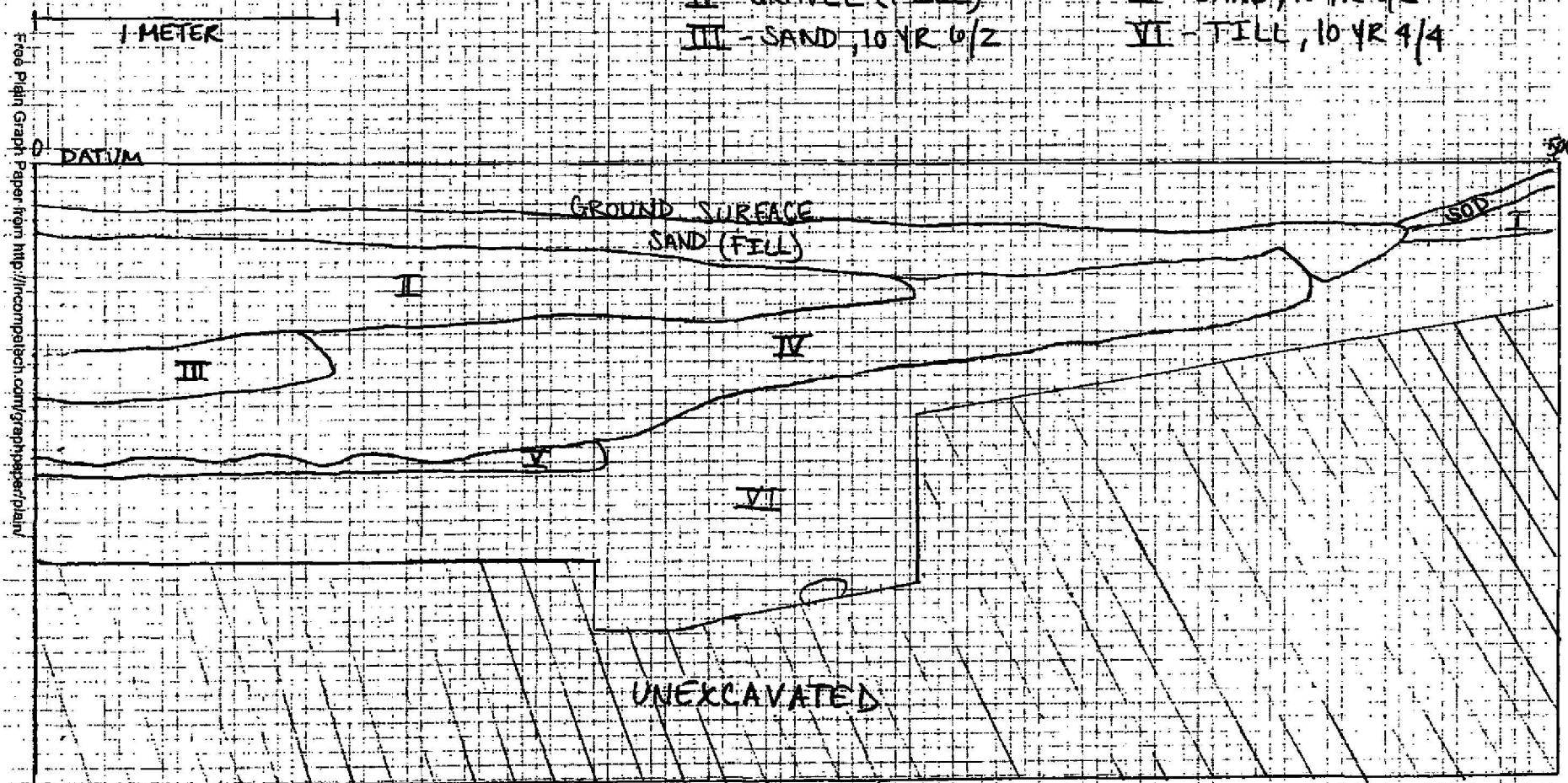
II - GRAVEL (FILL)

III - SAND, 10 YR 6/2

IV - FILL W/ GRAVEL, 10 YR 2/1

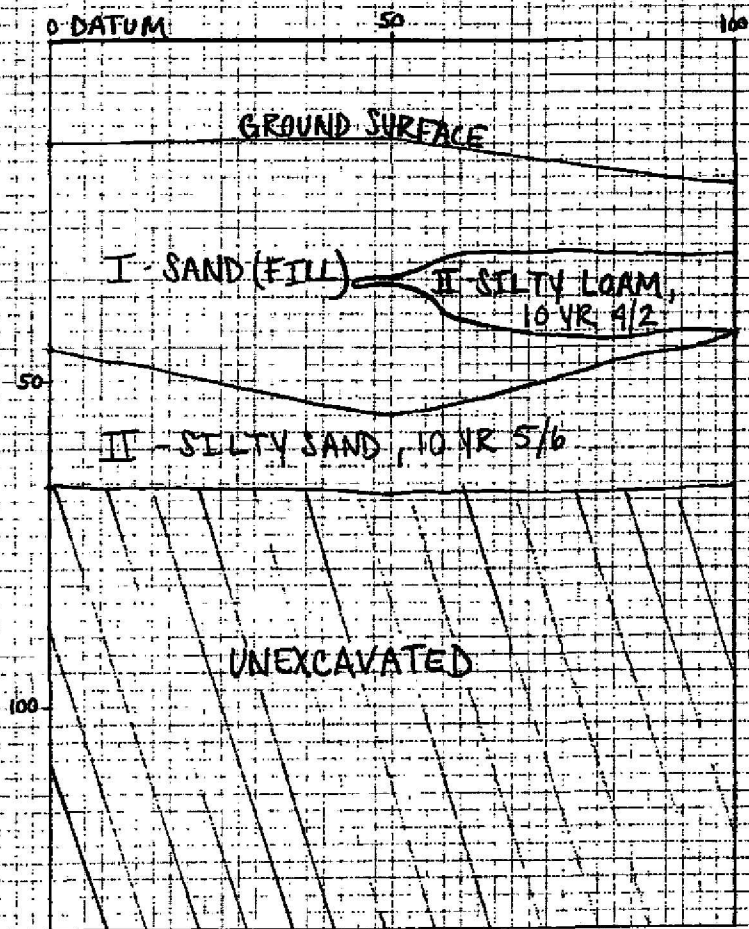
V - SAND, 10 YR 6/2

VI - TILL, 10 YR 4/4

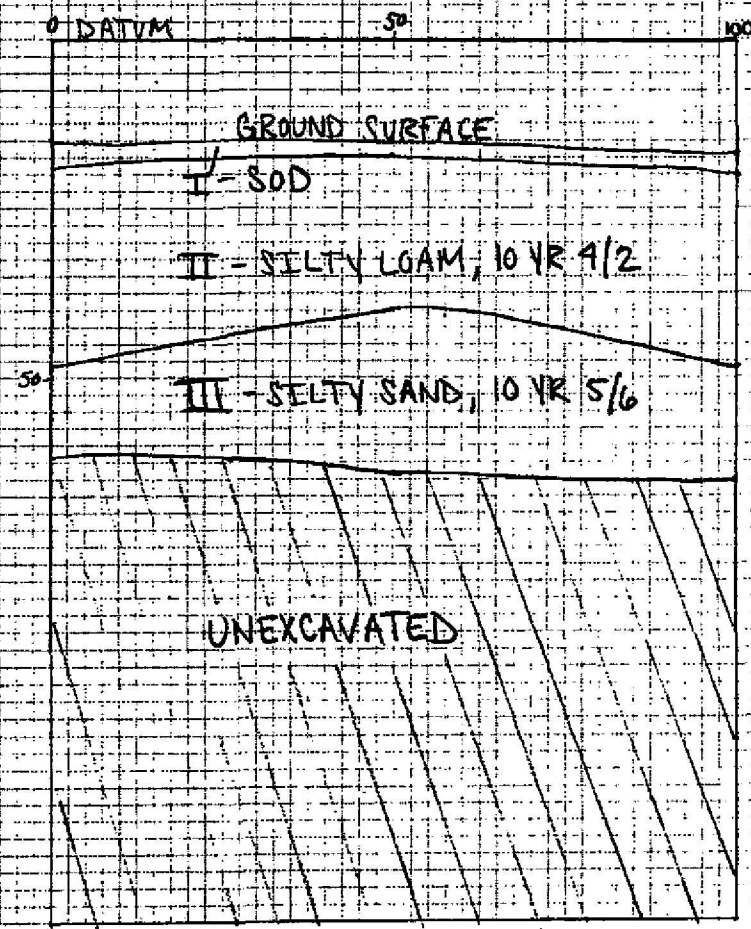


GOIS ARPA DAMAGE ASSESSMENT
 GOIS, NY, NY
 AREA 2 REPRESENTATIVE PROFILES
 TT, INC. 4/25/08

SANDTRAP, WEST WALL



GREEN, SOUTH WALL

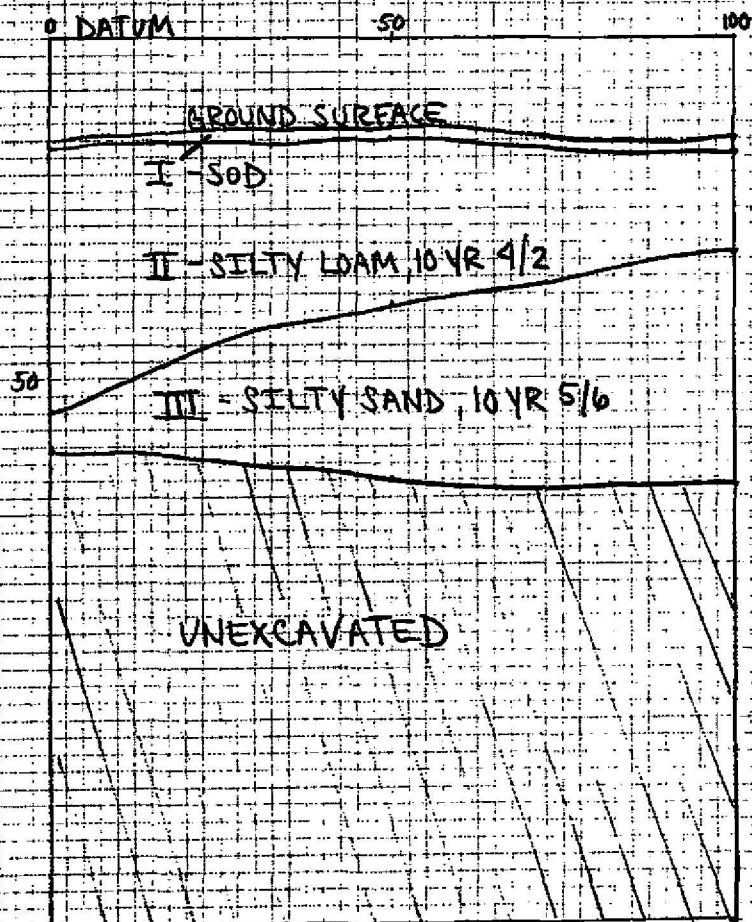
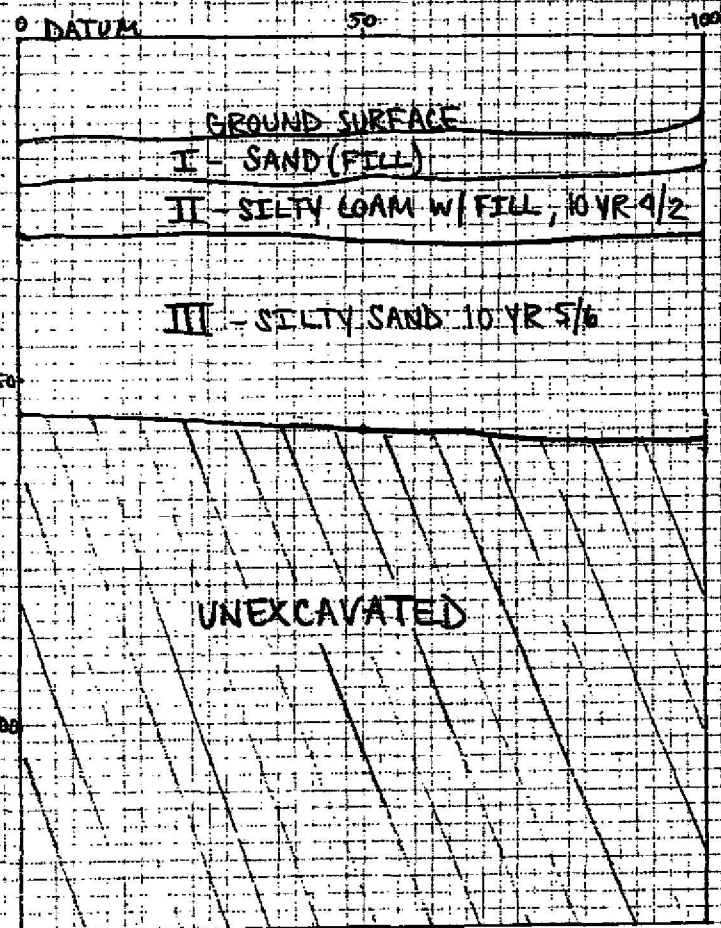


GOIS ARPA DAMAGE ASSESSMENT
GOIS, NY, NY
AREA 3, REPRESENTATIVE PROFILES
TT, INC. 4/25/08

50 cm

SANDTRAP, WEST WALL

GREEN, NORTH WALL

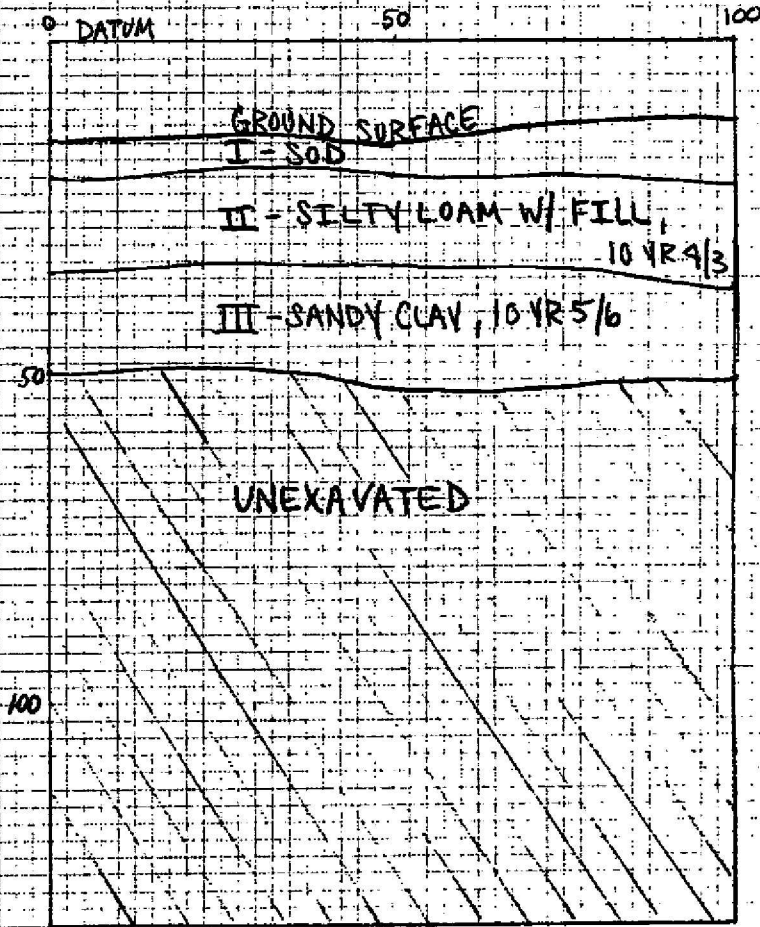
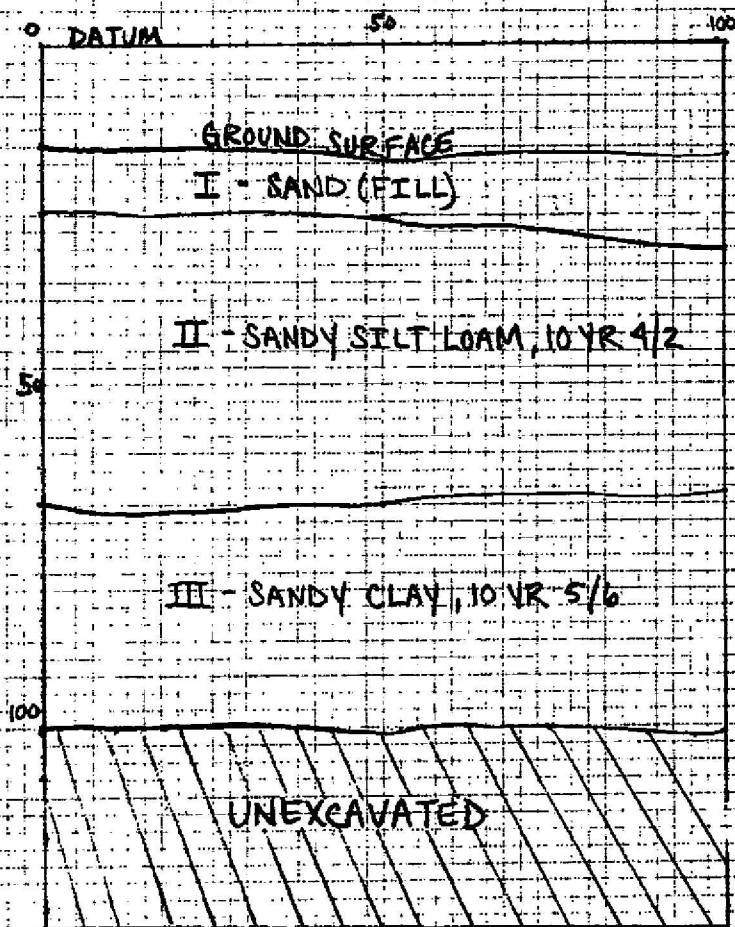


GOIS ARPA DAMAGE ASSESSMENT
 GOIS, NY, NY
 AREA 4 REPRESENTATIVE PROFILES
 TT, INC. 4/25/08

50 cm

SANDTRAP SOUTH WALL

GREEN, WEST WALL



APPENDIX E

**GOIS ARPA DAMAGES ASSESSMENT
GOVENORS ISLAND, NEW YORK**

ANCS+ REPRESENTATIVE CATALOG OF ARTIFACTS, SELECTED FIELDS

12/26/2008

Final ANCS+ Artifact Catalog, Selected Fields

Governors Island National Monument

ARPA Damage Assessment

Field Label	Data
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 301
Location:	GOIS-00125, BOX 1
Within Site:	
Ident Date:	06/18/2008
Class 1:	HISTORY
Class 2:	COMMUNICATION ARTIFACTS
Class 3:	DOCUMENTARY ARTIFACT
Object:	RECORD, GOIS ARPA DAMAGE ASSESSMENT, 2008
Key Descript:	
Condition:	EXCELLENT
Item Count:	1.00
Measurements:	
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 302
Location:	GOIS-00125, BOX 2, BAG A
Within Site:	AREA 1 TRENCH 1 STRATA I-IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	FOOD REMAINS, BIVALVE, OSTREA EDULIS, SHELL-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__12.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 303

Location:	GOIS-00125, BOX 2, BAG B
Within Site:	AREA 1 TRENCH 1 STRATA I-IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	VEGETAL
Object:	WEAPONRY/ACCOUTREMENT
Key Descript:	WEAPONRY/ACCOUTREMENT, WADDING PLUG-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__0.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 304
Location:	GOIS-00125, BOX 2, BAG C
Within Site:	AREA 1 TRENCH 1 STRATA I-IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY

Class 2:	HISTORIC
Class 3:	MINERAL
Object:	STRUCTURAL MATERIAL
Key Descript:	BRICK, RED CLAY, BRICK-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_29.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 305
Location:	GOIS-00125, BOX 2, BAG D
Within Site:	AREA 1 TRENCH 2 STRATUM I
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	NAIL
Key Descript:	INDETERMINATE, NAIL-FRAGMENT

Condition:	FRG/PR
Item Count:	1.00
Measurements:	L8.1, W1.5, T0.7cm 13.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 306
Location:	GOIS-00125, BOX 2, BAG E
Within Site:	AREA 1 TRENCH 2 STRATUM I
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	NECK SHERD
Key Descript:	MOLDED, INDETERMINATE, BROWN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	2.00
Measurements:	__17.8g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 307
Location:	GOIS-00125, BOX 2, BAG F
Within Site:	AREA 1 TRENCH 2 STRATUM I
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	INDETERMINATE GLASS
Key Descript:	MOLDED, INDETERMINATE, COLORLESS, TRANSPARENT, GLASS-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__1.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125

Catalog #:	GOIS 308
Location:	GOIS-00125, BOX 2, BAG G
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	STRUCTURAL MATERIAL
Key Descript:	WASHER, FLAT, METAL-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	H0.4, Diam1.8cm 2.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 309
Location:	GOIS-00125, BOX 2, BAG H
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008

Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	PERSONAL OBJECT
Key Descript:	KEY, KEY
Condition:	FRG/PR
Item Count:	1.00
Measurements:	L5.1cm 8.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 310
Location:	GOIS-00125, BOX 2, BAG I
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	KITCHENWARE

Key Descript:	CAN-FRAGMENT, TAB
Condition:	FRG/FR
Item Count:	1.00
Measurements:	__0.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 311
Location:	GOIS-00125, BOX 2, BAG J
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	NAIL
Key Descript:	INDETERMINATE, NAIL-FRAGMENT
Condition:	FRG/PR
Item Count:	2.00
Measurements:	__11.2g

Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 312
Location:	GOIS-00125, BOX 2, BAG K
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	MISCELLANEOUS
Key Descript:	SPIKE, SQUARE, METAL-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	L13.9, W1.3, T1.3cm 141.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125

Catalog #:	GOIS 313
Location:	GOIS-00125, BOX 2, BAG L
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	NAIL
Key Descript:	INDETERMINATE, NAIL-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	L12, W0.9, T0.8cm 25.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 314
Location:	GOIS-00125, BOX 2, BAG M
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008

Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BUCKLE
Key Descript:	BUCKLE, SQUARE, BUCKLE-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	__9.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 315
Location:	GOIS-00125, BOX 2, BAG N
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	INDETERMINATE METAL OBJECT

Key Descript:	INDETERMINATE, METAL-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	_19.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 316
Location:	GOIS-00125, BOX 2, BAG O
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, BLUE, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_2.3g

Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 317
Location:	GOIS-00125, BOX 2, BAG P
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK-GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	8.00
Measurements:	__39.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT

Accession #:	GOIS-00125
Catalog #:	GOIS 318
Location:	GOIS-00125, BOX 2, BAG Q
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK-GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	2.00
Measurements:	__66.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 319
Location:	GOIS-00125, BOX 2, BAG R
Within Site:	AREA 1 TRENCH 2 STRATUM II, V

Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK-GREEN, VITRIFIED, BOTTLE-FRAGMENT
Condition:	FRG/PR
Item Count:	2.00
Measurements:	__5.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 320
Location:	GOIS-00125, BOX2, BAG S
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL

Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, AQUA, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__19.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 321
Location:	GOIS-00125, BOX 2, BAG T
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	RIM SHERD
Key Descript:	MOLDED, INDETERMINATE, WHITE, FROSTED, GLASS-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00

Measurements:	__7.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 322
Location:	GOIS-00125, BOX 2, BAG U
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, WHITE, TRANSPARENT, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__12.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE

	ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 323
Location:	GOIS-00125, BOX 2, BAG V
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	STEM SHERD
Key Descript:	MOLDED, INDETERMINATE, WHITE, TRANSPARENT, GLASS-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__12g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 324
Location:	GOIS-00125, BOX 2, BAG W

Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, AQUA, TRANSPARENT, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__8.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 325
Location:	GOIS-00125, BOX 2, BAG X
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC

Class 3:	MINERAL
Object:	INDETERMINATE GLASS
Key Descript:	FLAT GLASS, WHITE, TRANSPARENT, GLASS-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_0.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 326
Location:	GOIS-00125, BOX 2, BAG Y
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	RIM SHERD
Key Descript:	UNIDENTIFIED STONEWARE, UNDERGLAZE HANDPAINTED MONOCHROME, PLATE-FRAGMENT
Condition:	FRG/FR

Item Count:	1.00
Measurements:	__ 1.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 327
Location:	GOIS-00125, BOX 2, BAG Z
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	SHERD
Key Descript:	CREAMWARE, PLAIN, BODY SHERD
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__ 0.6g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 328
Location:	GOIS-00125, BOX 2, BAG AA
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	MAMMAL, DIAGNOSTIC, INCISOR, OVIS ARIES, TOOTH
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__2.7g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 329
Location:	GOIS-00125, BOX 2, BAG AB

Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	MAMMAL, DIAGNOSTIC, GLENOID FOSSA, OVIS ARIES/CAPRA HIRCUS, BONE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_13.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 330
Location:	GOIS-00125, BOX 2, BAG AC
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC

Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	MAMMAL, DIAGNOSTIC, INDETERMINATE, BONE FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	__4.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 331
Location:	GOIS-00125, BOX 2, BAG AD
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	BIVALVE, OSTREA EDULIS, SHELL-FRAGMENT
Condition:	FRG/PR

Item Count:	1.00
Measurements:	
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 332
Location:	GOIS-00125, BOX 2, BAG AE
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	BIVALVE, MERCENARIA CAMPHECHIENSIS, SHELL-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	__15.1g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 333
Location:	GOIS-00125, BOX 2, BAG AF
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	STEM, 4/64 BORE DIAMETER, MOLDED, WHITE CLAY, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD
Item Count:	1.00
Measurements:	L2.1cm 1.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 334

Location:	GOIS-00125, BOX 2, BAG AG
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	COMPOSITE
Object:	INDETERMINATE SYNTHETIC OBJECT
Key Descript:	PLASTIC, WOOD, METAL, INDETERMINATE SYNTHETIC OBJECT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	___1.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 335
Location:	GOIS-00125, BOX 2, BAG AH
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY

Class 2:	HISTORIC
Class 3:	MINERAL
Object:	GUNFLINT
Key Descript:	RECTANGULAR HEEL, GUNFLINT-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__14.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 336
Location:	GOIS-00125, BOX 2, BAG AI
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	GUNFLINT
Key Descript:	SPALL, GUNFLINT

Condition:	FRG/GD
Item Count:	1.00
Measurements:	__33.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 337
Location:	GOIS-00125, BOX 2, BAG AJ
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	WEAPONRY/ACCOUTREMENT
Key Descript:	.44 CALIBER BULLET, BULLET
Condition:	INC/GD
Item Count:	1.00
Measurements:	__14.5g .44 CALIBER
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 338
Location:	GOIS-00125, BOX 2, BAG AK
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	STRUCTURAL MATERIAL
Key Descript:	BRICK, RED CLAY, GLAZED, BRICK-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__34.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 339

Location:	GOIS-00125, BOX 2, BAG AL
Within Site:	AREA 1 TRENCH 2 STRATUM II, V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	SLAG
Key Descript:	SLAG
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__2.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 340
Location:	GOIS.00125, BOX 2, BAG AM
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY

Class 2:	HISTORIC
Class 3:	MINERAL
Object:	NAIL
Key Descript:	INDETERMINATE, NAIL-FRAGMENT
Condition:	FRG/PR
Item Count:	4.00
Measurements:	_45.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 341
Location:	GOIS-00125, BOX 2, BAG AN
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	MISCELLANEOUS
Key Descript:	SPIKE, SQUARE, METAL-FRAGMENT

Condition:	FRG/PR
Item Count:	1.00
Measurements:	L14.3, W0.6, T0.6cm 83.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 342
Location:	GOIS-00125, BOX 2, BAG AO
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	NAIL
Key Descript:	INDETERMINATE, BRAD, NAIL-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	L2.4, W0.4, T0.4cm 3.5g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 343
Location:	GOIS-00125, BOX 2, BAG AP
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK-GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_22.7g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125

Catalog #:	GOIS 344
Location:	GOIS-00125, BOX 2, BAG AQ
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK-GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_21.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 345
Location:	GOIS-00125, BOX 2, BAG AR
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008

Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK-GREEN, VITRIFIED, BOTTLE-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	__4.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 346
Location:	GOIS-00125, BOX 2, BAG AS
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD

Key Descript:	MOLDED, INDETERMINATE, WHITE, TRANSPARENT, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__9.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 347
Location:	GOIS-00125, BOX 2, BAG AT
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	RIM SHERD
Key Descript:	MOLDED, INDETERMINATE, COLORLESS, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00

Measurements:	__5.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 348
Location:	GOIS-00125, BOX 2, BAG AU
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	WINDOWPANE FRAGMENT
Key Descript:	INDETERMINATE, COLORLESS, TRANSPARENT, WINDOWPANE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__3.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE

	ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 349
Location:	GOIS-00125, BOX 2, BAG AV
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BUTTON
Key Descript:	MOLDED, 2 HOLES, CREAM COLORED, BUTTON
Condition:	COM/FR
Item Count:	1.00
Measurements:	__0.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 350
Location:	GOIS-00125, BOX 2, BAG AW

Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	SHERD
Key Descript:	PORCELAIN, PLAIN, BASAL SHERD
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__2.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 351
Location:	GOIS-00125, BOX 2, BAG AX
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC

Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	WHITEWARE (IRONSTONE), PLAIN, PLATE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_10.79g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 352
Location:	GOIS-00125, BOX 2, BAG AY
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	TIN ENAMEL, DELFT, BODY SHERD
Condition:	FRG/GD

Item Count:	1.00
Measurements:	__4.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 353
Location:	GOIS-00125, BOX 2, BAG AZ
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	UNIDENTIFIED EARTHENWARE, BROWN GLAZE, BODY SHERD
Condition:	FRG/GD
Item Count:	2.00
Measurements:	__6.4g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 354
Location:	GOIS-00125, BOX 2, BAG BA
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	WHITEWARE, PLAIN, PLATE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_0.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 355
Location:	GOIS-00125, BOX 2, BAG BB

Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	WHITEWARE, PLAIN, BODY SHERD
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__2.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 356
Location:	GOIS-00125, BOX 2, BAG BC
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC

Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	PEARLWEAR, ANNULAR, POLYCHROME MARBLED SLIPWARE, BODY SHERD
Condition:	FRG/GD
Item Count:	1.00
Measurements:	2.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 357
Location:	GOIS-00125, BOX 2, BAG BD
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	BIVALVE, UNIDENTIFIED, SHELL-FRAGMENT
Condition:	FRG/PR

Item Count:	1.00
Measurements:	__7.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 358
Location:	GOIS-00125, BOX 2, BAG BE
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	ELECTRICAL HARDWARE
Key Descript:	INSULATOR, INSULATOR-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__9.3g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 359
Location:	GOIS-00125, BOX 2, BAG BF
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BOTTLE CLOSURE
Key Descript:	CERAMIC BOTTLE STOPPER, WHITE, PORCELANEOUS, BOTTLE CLOSURE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__4.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 360

Location:	GOIS-00125, BOX 2, BAG BG
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	STEM, 4/64 BORE DIAMETER, MOLDED, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD
Item Count:	1.00
Measurements:	L2.6cm 1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 361
Location:	GOIS-00125, BOX 2, BAG BH
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY

Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	STEM, 4/64 BORE DIAMETER, MOLDED, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD
Item Count:	1.00
Measurements:	L2.8cm 1.7g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 362
Location:	GOIS-00125, BOX 2, BAG BI
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	BOWL, MOLDED, WHITE CLAY, PIPE-FRAGMENT, TOBACCO

Condition:	FRG/GD
Item Count:	1.00
Measurements:	__0.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 363
Location:	GOIS-00125, BOX 2, BAG BJ
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	INDETERMINATE SYNTHETIC OBJECT
Key Descript:	PLASTIC, FLAT, INDETERMINATE SYNTHETIC OBJECT-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__0.6g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 364
Location:	GOIS-00125, BOX 2, BAG BK
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	INDETERMINATE SYNTHETIC OBJECT
Key Descript:	PLASTIC, FLAT, INDETERMINATE SYNTHETIC OBJECT-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_1.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 365

Location:	GOIS-00125, BOX 2, BAG BL
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	INDETERMINATE SYNTHETIC OBJECT
Key Descript:	PLASTIC, FLAT, INDETERMINATE SYNTHETIC OBJECT-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__0.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 366
Location:	GOIS-00125, BOX 2, BAG BM
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY

Class 2:	HISTORIC
Class 3:	MINERAL
Object:	ELECTRICAL HARDWARE
Key Descript:	PLASTIC WIRE COVER, STRUCTURAL MATERIAL-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__1.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 367
Location:	GOIS-00125, BOX 2, BAG BN
Within Site:	AREA 1 TRENCH 3 STRATA 1, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	COIN
Key Descript:	PENNY, USA, LINCOLN IMAGE "IN GOD WE TRUST"/ "ONE CENT", COIN-FRAGMENT

Condition:	INC/PR
Item Count:	1.00
Measurements:	T0.15, Diam1.9cm 2.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 368
Location:	GOIS-00125, BOX 2, BAG BO
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	COIN
Key Descript:	PENNY, USA, LADY LIBERTY AND STARS IMAGE "LIBERTY"/ "USA, ONE CENT", COIN
Condition:	COM/GD
Item Count:	1.00
Measurements:	T0.22, Diam2.8cm 10.3g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 369
Location:	GOIS-00125, BOX 2, BAG BP
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	WEAPONRY/ACCOUTREMENT
Key Descript:	.22 (LONG) CALIBER CARTRIDGE CASE, CARTRIDGE, RIM FIRE (CASE)
Condition:	INC/GD
Item Count:	1.00
Measurements:	L1.7cm 1.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125

Catalog #:	GOIS 370
Location:	GOIS-00125, BOX 2, BAG BQ
Within Site:	AREA 1 TRENCH 3 STRATA I, IV
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	WEAPONRY/ACCOUTREMENT
Key Descript:	.30 CALIBER CARTRIDGE CASE, WINCHESTER MFG., TRAINING ROUND BLANK, CARTRIDGE, CENTER FIRE (CASE)
Condition:	INC/GD
Item Count:	1.00
Measurements:	L6.4cm 12.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 371
Location:	GOIS-00125, BOX 2, BAG BR
Within Site:	AREA 1 TRENCH 3 STRATUM V

Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	STEM, 5/64 BORE DIAMETER, MOLDED, WHITE CLAY, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD
Item Count:	1.00
Measurements:	L2.2cm 1.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 372
Location:	GOIS-00125, BOX 2, BAG BS
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL

Object:	BASAL SHERD
Key Descript:	REDWARE, JACKFIELD, TEAPOT-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__30.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 373
Location:	GOIS-00125, BOX 2, BAG BT
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	RIM SHERD
Key Descript:	CREAMWARE, POLYCHROME HANDSTENCILED, PLATE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00

Measurements:	__10.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 374
Location:	GOIS-00125, BOX 2, BAG BU
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	CREAMWARE, POLYCHROME HANDSTENCILED, PLATE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__4.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE

	ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 375
Location:	GOIS-00125, BOX 2, BAG BV
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD
Key Descript:	CREAMWARE, POLYCHROME HANDSTENCILED, PLATE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__3.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 376
Location:	GOIS-00125, BOX 2, BAG BW

Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK-GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_25.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 377
Location:	GOIS-00125, BOX 2, BAG BX
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC

Class 3:	MINERAL
Object:	NECK SHERD
Key Descript:	MOLDED, INDETERMINATE, AMBER, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_26.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 378
Location:	GOIS-00125, BOX 2, BAG BY
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	INDETERMINATE GLASS FRAGMENT
Key Descript:	FLAT GLASS, COLORLESS, TRANSPARENT, GLASS-FRAGMENT
Condition:	FRG/GD

Item Count:	1.00
Measurements:	<0.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 379
Location:	GOIS-00125, BOX 2, BAG BZ
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	NAIL
Key Descript:	INDETERMINATE, NAIL-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	L8, W1.7, T1.9cm 23.2g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 380
Location:	GOIS-00125, BOX 2, BAG CA
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	WEAPONRY/ACCOUTREMENT
Key Descript:	.30 CALIBER CARTRIDGE CASE, STAMPED CASE "EW 42", WINCHESTER, TRAINING ROUND BLANK, CARTRIDGE, CENTER FIRE (CASE)
Condition:	INC/GD
Item Count:	1.00
Measurements:	L6.3cm 12.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 381

Location:	GOIS-00125, BOX 2, BAG CB
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	WEAPONRY/ACCOUTREMENT
Key Descript:	.30 CALIBER CARTRIDGE CASE, STAMPED CASE "EW 42", WINCHESTER, TRAINING ROUND BLANK, CARTRIDGE, CENTER FIRE (CASE)
Condition:	INC/GD
Item Count:	1.00
Measurements:	L6.3cm 13.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 382
Location:	GOIS-00125, BOX 2, BAG CC
Within Site:	AREA 1 TRENCH 3 STRATUM V
Ident Date:	04/24/2008

Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	WEAPONRY/ACCOUTREMENT
Key Descript:	.30 CALIBER CARTRIDGE CASE, STAMPED CASE "EW 42", WINCHESTER, TRAINING ROUND BLANK, CARTRIDGE, CENTER FIRE (CASE)
Condition:	INC/GD
Item Count:	1.00
Measurements:	L6.3cm 12.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 383
Location:	GOIS-00125, BOX 2, BAG CD
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL

Object:	DOOR HARDWARE
Key Descript:	DOOR HINGE, SPRING LOADED, DOOR HARDWARE
Condition:	INC/PR
Item Count:	1.00
Measurements:	_234.0g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 384
Location:	GOIS-00125, BOX 2, BAG CE
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	STRUCTURAL MATERIAL
Key Descript:	METAL ROD, BENT, STRUCTURAL MATERIAL
Condition:	FRG/PR
Item Count:	1.00

Measurements:	286.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 385
Location:	GOIS-00125, BOX 2, BAG CF
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	HAND TOOL
Key Descript:	CROWBAR TIP, HAND TOOL
Condition:	FRG/PR
Item Count:	1.00
Measurements:	L14.8cm 111.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT

Accession #:	GOIS-00125
Catalog #:	GOIS 386
Location:	GOIS-00125, BOX 2, BAG CG
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, BROWN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	2.00
Measurements:	__20.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 387
Location:	GOIS-00125, BOX 2, BAG CH
Within Site:	AREA 1 TRENCH 3 STRATUM VI

Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD
Key Descript:	MOLDED, INDETERMINATE, BROWN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__41.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 388
Location:	GOIS-00125, BOX 2, BAG CI
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL

Object:	BASAL SHERD
Key Descript:	MOLDED, INDETERMINATE, BROWN, OPAQUE, WEATHERED, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	2.00
Measurements:	__48.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 389
Location:	GOIS-00125, BOX 2, BAG CJ
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, AQUA, VITRIFIED, BOTTLE-FRAGMENT
Condition:	FRG/GD

Item Count:	1.00
Measurements:	20.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 390
Location:	GOIS-00125, BOX 2, BAG CK
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD
Key Descript:	MOLDED, INDETERMINATE, AQUA, VITRIFIED, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	27.6g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 391
Location:	GOIS-00125, BOX 2, BAG CL
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	NECK SHERD
Key Descript:	MOLDED, INDETERMINATE, AQUA, VITRIFIED, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__18g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 392

Location:	GOIS-00125, BOX 2, BAG CM
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, AQUA, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__5.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 393
Location:	GOIS-00125, BOX 2, BAG CN
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY

Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, AQUA, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_15.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 394
Location:	GOIS-00125, BOX 2, BAG CO
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD
Key Descript:	MOLDED, INDETERMINATE, COLORLESS, TRANSPARENT, PONTIL MARK, BOTTLE-FRAGMENT

Condition:	FRG/GD
Item Count:	1.00
Measurements:	__46.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 395
Location:	GOIS-00125, BOX 2, BAG CP
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	LIP/NECK SHERD
Key Descript:	MOLDED, INDETERMINATE, COLORLESS, FROSTED, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__15.4g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 396
Location:	GOIS-00125, BOX 2, BAG CQ
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, BLUE/GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__8.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125

Catalog #:	GOIS 397
Location:	GOIS-00125, BOX 2, BAG CR
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	INDETERMINATE GLASS
Key Descript:	MOLDED, INDETERMINATE, AQUA, FROSTED, GLASS-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 398
Location:	GOIS-00125, BOX 2, BAG CS
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008

Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	3.00
Measurements:	_13g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 399
Location:	GOIS-00125, BOX 2, BAG CT
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD

Key Descript:	MOLDED, INDETERMINATE, DARK GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	15.1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 400
Location:	GOIS-00125, BOX 2, BAG CU
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK GREEN, OPAQUE, WEATHERED, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	2.00

Measurements:	_15.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 401
Location:	GOIS-00125, BOX 2, BAG CV
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	NECK SHERD
Key Descript:	MOLDED, INDETERMINATE, DARK GREEN, OPAQUE, WEATHERED, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_8.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE

	ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 402
Location:	GOIS-00125, BOX 2, BAG CW
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, BLACK/GREEN, OPAQUE, THICK, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	T1cm 26.9g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 403
Location:	GOIS-00125, BOX 2, BAG CX

Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	MOLDED, INDETERMINATE, GREEN, OPAQUE, BOTTLE-FRAGMENT
Condition:	FRG/GD
Item Count:	2.00
Measurements:	__4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 404
Location:	GOIS-00125, BOX 2, BAG CY
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC

Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	UNIDENTIFIED EARTHENWARE, SALT GLAZE EXTERIOR, BROWN GLAZE INTERIOR, JUG-FRAGMENT
Condition:	FRG/GD
Item Count:	2.00
Measurements:	_13.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 405
Location:	GOIS-00125, BOX 2, BAG CZ
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	UNIDENTIFIED EARTHENWARE, SALT GLAZE EXTERIOR, BROWN GLAZE INTERIOR,

	JUG-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__6.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 406
Location:	GOIS-00125, BOX 2, BAG DA
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	UNIDENTIFIED STONEWARE, LEAD GLAZE, 2 SURFACES, JUG-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__7.9g

Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 407
Location:	GOIS-00125, BOX 2, BAG DB
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BASAL SHERD
Key Descript:	REDWARE, DARK BROWN LEAD GLAZE, JUG-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_ 11.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125

Catalog #:	GOIS 408
Location:	GOIS-00125, BOX 2, BAG DC
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	CREAMWARE, PLAIN, PLATE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__1g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 409
Location:	GOIS-00125BOX 2, BAG DD
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008

Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD
Key Descript:	PEARLWARE, PLAIN, PORCELANEOUS, MELTED GLAZE, BODY SHERD
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_3.6g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 410
Location:	GOIS-00125, BOX 2, BAG DE
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BODY SHERD

Key Descript:	WHITEWARE, PLAIN, PLATE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__1.7g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 411
Location:	GOIS-00125, BOX 2, BAG DF
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	STRUCTURAL MATERIAL
Key Descript:	DRAIN PIPE, RED CLAY, PIPE DRAIN-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__4.7g

Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 412
Location:	GOIS-00125, BOX 2, BAG DG
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	STRUCTURAL MATERIAL
Key Descript:	PIPE DRAIN, RED CLAY, PIPE DRAIN-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	_209g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125

Catalog #:	GOIS 413
Location:	GOIS-00125, BOX 2, BAG DH
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	MAMMAL, DIAGNOSTIC, LONG BONE, MENDS (2), BONE-FRAGMENT
Condition:	FRG/PR
Item Count:	2.00
Measurements:	_21.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 414
Location:	GOIS-00125, BOX 2, BAG DI
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008

Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	MAMMAL, DIAGNOSTIC, RIB, BUTCHER MARKS (SAWN), BONE-FRAGMENT
Condition:	FRG/GD
Item Count:	1.00
Measurements:	__6.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 415
Location:	GOIS-00125, BOX 2, BAG DJ
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS

Key Descript:	MAMMAL, DIAGNOSTIC, PHALANGE, BONE
Condition:	COM/GD
Item Count:	1.00
Measurements:	__3.8g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 416
Location:	GOIS-00125, BOX 2, BAG DK
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	ANIMAL
Object:	FOOD REMAINS
Key Descript:	MAMMAL, DIAGNOSTIC, METAPHYSES, IMMATURE, BONE-FRAGMENT
Condition:	FRG/PR
Item Count:	1.00
Measurements:	__2.1g

Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 417
Location:	GOIS-00125, BOX 2, BAG DL
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	STEM, 4/64 BORE DIAMETER, MOLDED, WHITE CLAY, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD
Item Count:	1.00
Measurements:	L3.2cm 1.4g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT

Accession #:	GOIS-00125
Catalog #:	GOIS 418
Location:	GOIS-00125, BOX 2, BAG DM
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	STEM, 4/64 BORE DIAMETER, MOLDED, WHITE CLAY, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD
Item Count:	1.00
Measurements:	L3.8cm 2.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 419
Location:	GOIS-00125, BOX 2, BAG DN
Within Site:	AREA 1 TRENCH 3 STRATUM VI

Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	STEM, 5/64 BORE DIAMETER, MOLDED, WHITE CLAY, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD
Item Count:	1.00
Measurements:	L2.2cm 1.5g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 420
Location:	GOIS-00125, BOX 2, BAG DO
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL

Object:	TOBACCO PIPE
Key Descript:	STEM, 4/64 BORE DIAMETER, MOLDED, WHITE CLAY, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD
Item Count:	1.00
Measurements:	L2.5cm 1.3g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 421
Location:	GOIS-00125, BOX 2, BAG DP
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	TOBACCO PIPE
Key Descript:	STEM, 4/64 BORE DIAMETER, MOLDED, WHITE CLAY, PIPE-FRAGMENT, TOBACCO
Condition:	FRG/GD

Item Count:	1.00
Measurements:	L1.7cm 0.7g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 422
Location:	GOIS-00125, BOX 2, BAG DQ
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	BOTTLE CLOSURE
Key Descript:	STOPPER, MOLDED, COLORLESS, BOTTLE STOPPER
Condition:	COM/FR
Item Count:	1.00
Measurements:	L3.9cm 7.2g
Storage Unit:	EA

Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 423
Location:	GOIS-00125, BOX 2, BAG DR
Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	WORKED STONE
Key Descript:	MICA DISK, INDETERMINATE USE, WORKED STONE
Condition:	FRG/PR
Item Count:	1.00
Measurements:	Diam3.1cm 0.2g
Storage Unit:	EA
Site Name:	GOVERNORS ISLAND NATIONAL MONUMENT, ARPA DAMAGE ASSESSMENT
Accession #:	GOIS-00125
Catalog #:	GOIS 424
Location:	GOIS-00125, BOX 2, BAG DS

Within Site:	AREA 1 TRENCH 3 STRATUM VI
Ident Date:	04/24/2008
Class 1:	ARCHEOLOGY
Class 2:	HISTORIC
Class 3:	MINERAL
Object:	COIN
Key Descript:	PENNY, USA, INDIAN HEAD IMAGE "UNITED STATES OF AMERICA"/ "ONE CENT", COIN
Condition:	COM/GD
Item Count:	1.00
Measurements:	T0.2, Diam1.6cm 4.4g
Storage Unit:	EA

Total Records: 124

APPENDIX F

**GOIS ARPA DAMAGES ASSESSMENT
GOVENORS ISLAND, NEW YORK**

**NPS SCOPE OF WORK, ARCHAEOLOGICAL INVESTIGATIONS,
GOVENORS ISLAND NATIONAL MONUMENT**

Scope of Work
Archeological Investigations
Governors Island NM
New York, NY
National Park Service

1. Introduction

During July of 2006, excavations at Governors Island National Monument (GOIS) damaged, or potentially damaged, four areas of the park including the covered defile connecting Castle Williams and Fort Jay. These excavations were conducted under a special use permit to recreate the original golf course on Governors Island for a charity golf tournament scheduled for October 19-22, 2006. Lands owned by both the National Park Service (NPS) and the Governors Island Preservation and Education Corporation (GIPEC) were affected by the excavations although this *Scope of Work* pertains only to the damage done to NPS property. Areas affected are within the National Historic Landmark District (NHL). The following *Scope of Work* is intended to assess the damage done by the Golf Course excavations so that final ARPA damage totals can be assessed and restoration can be done.



Figure 1 Orthophoto of Fort Jay on GOIS with GPS delineation of damaged areas.

Background

Several archeological studies have taken place on Governors Island. Most of these earlier excavations have been summarized and critiqued in the *Archeological Overview and Assessment of Governors Island National Monument, New York, New York* written through a cooperative agreement between NPS and the University of Massachusetts, Amherst in 2003 (Wright and Binzen 2003). These studies include earlier assessments done by Louis Berger and Associates 1986, 1987, 1995 (Louis Berger & Associates 1986, 1987, 1995), Unauthorized Excavations done in 1995, and PAL 1996, 1997, 2000 (Garman and Herbster 1996, Herbster et.al. 1997, Garman et.al. 2000). PAL's studies, which include Phase IA, Phase IB, and Phase II have been by far the most extensive and the most inclusive.

Known Resources in the Vicinity of Area 1

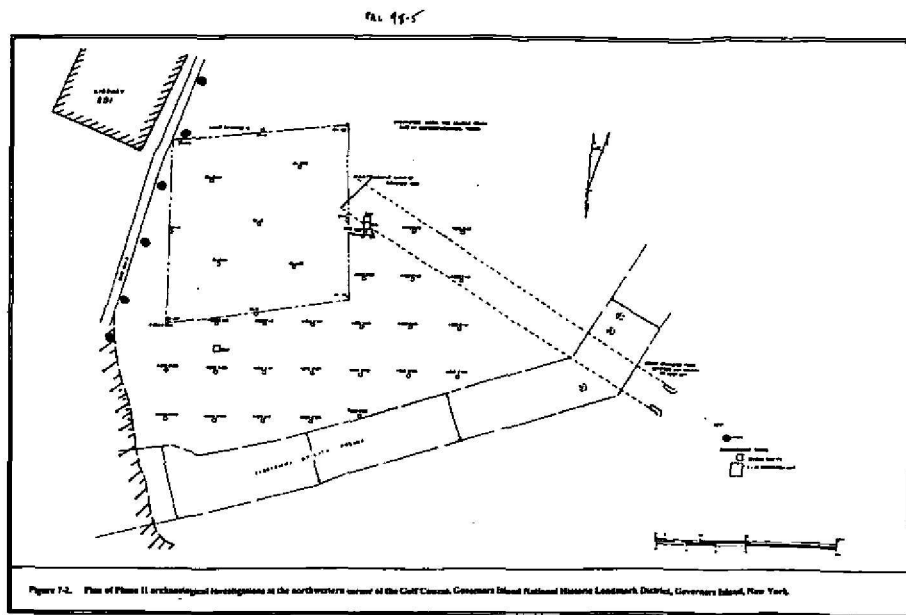


Figure 2 Location of excavations conducted by PAL in Area 1(after PAL 1998).

Two archeological and geomorphological studies have been conducted by PAL of Providence Rhode Island for this area of the island (Herbster et.al.1997, Garman et.al. 2000). These studies were conducted while the island was under GSA control, before the northern 22 acres of land had been handed over to the National Park Service in 2003. These two PAL studies identify several archeological resources with the immediate vicinity of Area 1.

Originally PAL sampled many areas of the golf course, including this area, by means of 50 cm by 50 cm test pits within 30 meter by 30 meter blocks (13 test pits per block). PAL labeled the excavations done near the covered defile as Block 1 and found a concentration of seventeenth- and eighteenth-century EuroAmerican ceramic artifacts including scratch blue, white salt-glazed

stoneware, buff-bodied tin glaze, English brown stoneware, and a combed and dotted slipware sherd within the units (Herbster et.al. 1997:67). In addition to early ceramics, Louis Berger & Associates had identified a portion of an *in situ* brick footing in a transect just south of Block 1 when excavations were done for a utility corridor. This feature was interpreted to be either a portion of a former powder magazine or curbing for a path (Louis Berger & Associates 1987).

Due to the discovery of the earlier colonial material, this area of the island underwent additional Phase II excavations (Garman et.al. 2000). Phase II investigation consisted of 24 additional 50 cm x 50 cm test pits, four 1 m x 1 m excavation units and one 50 cm x 1 m excavation unit extension. The smaller units were excavated to the south and east of those units excavated in Block 1 of the original Phase IB survey. With these additional excavations PAL concluded that there was little evidence for a sealed eighteenth century land surface in the area.

The larger excavation units were used by PAL to explore the southern side of the covered defile. In these units, PAL uncovered numerous fill deposits, an original ground surface, the southern wall of the covered defile (bricks and mortar in a slightly modified Flemish bond), and the floor of the covered defile (beach cobbles laid tightly against each other) (Garman et.al. 2000:84-85). The excavators believed that the top portion of the original feature had been demolished, possibly when the golf course was built (Garman et.al. 2000:85).

Barbara Yocum, NPS Architectural Historian discusses the covered defile in her *Historic Structures Report* on Fort Jay. In this report she comments:

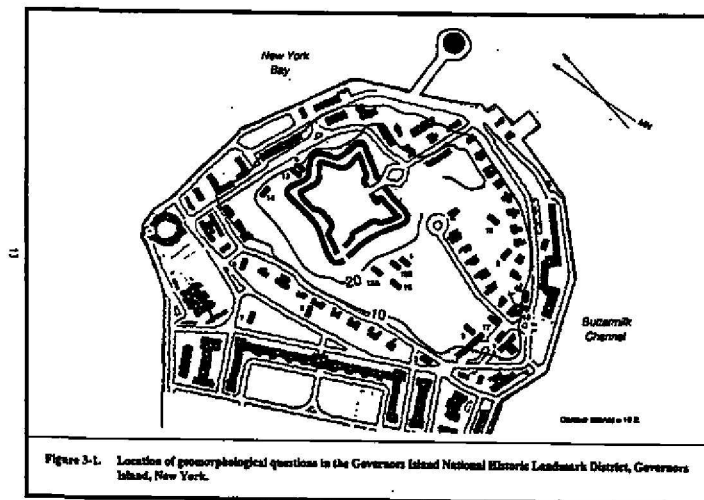
A sunken pathway in the northwest glacis of Fort Jay formerly connected the covered way of the fort with the sally port of Castle Williams. Visible remnants include a wide opening in the glacis retaining wall of the covered way opposite the salient angle of the northwestern bastion, and a slight depression in the glacis near the covered way.... The pathway was described by Colonel Jonathan Williams in a "Draft Report to the Secretary of War" dated November 1808:

In the Wall of the covert way [of Fort Columbus] on the west side directly opposite to & protected by the western Flank of the Ravelin, a space about 8 feet is left unbuilt from which a zig-zag covered defile will be made to the Castle at the western point of the Island...so that the communication may be preserved in perfect safety during action with some maritime Force. It was thought proper to leave the excavation of this 'till after the entrance to the Castle will be completed. [Castle Williams was completed in 1811.]

The "covered defile" as actually constructed, however, was a straight line, not the "zig-zag" envisioned by Williams. This is clearly illustrated in several 19th-century maps and plans of the island and fort dated 1813, 1832, 1867, and 1879 (figs. 9, 14, 35, and 39) (Yocum 2005:200).

In addition to the test pits, PAL had several machine assisted trenches excavated and bored to assess the deep stratigraphy and geomorphological makeup of this section of the land. Trenches 4 and 6 excavated to the immediate north and south of the moat at Fort Jay during the Phase IB

assessment located ground surfaces thought to be particularly sensitive for containing prehistoric materials (Herbster et.al. 1997: 37). Trench 14 (within the damaged Area 1) done as part of the Phase II excavations located the original ground surface and provided the best look at the stratigraphy of the area (Garman et.al. 2000:16-19). The map showing the location of MT-14 (Trench 14) and Figure 3-4 from the PAL report are reproduced here as Figures 3 and 4. It is clear from the MT-14 excavations that the large collection of gravel (also observed during the initial assessment of Area 1) was determined to be part of the golf course construction. The PAL geomorphologist indicated that the gravel was used for draining the green.



Known Resources in the vicinity of Area 2

Unlike Area 1, very little is known archeologically about Area 2. No archeological excavations or deep backhoe/borings have been conducted in the immediate area. Historically there was at least one known fortification feature within this area. On one of the maps reproduced in the 1986 Louis Berger report for the excavation of the "Guest House Site" shows a battery stretching from approximately the covered defile along the western side of the island then dog-legging to the southeast after passing to the southwest of Fort Jay. No archeological information, however, has been obtained to verify or contest its existence.

Known Resources in the vicinity of Area 3

For the Phase IB assessment of the island, PAL conducted excavations in Block 7, just west of Area 3. The far eastern extent of the PAL excavations seems to correspond to the far western disturbance for the reconstruction of the green and sand traps for Area 3. The Phase IB excavations identified a variety of Native American and EuroAmerican artifacts in disturbed contexts throughout the area (Garman et.al. 2000:16). No National Register-eligible features or deposits were discovered by PAL in this block and so no additional Phase II research was done.

Additional deep testing for a geomorphological assessment was however conducted in the area below the disturbance of Area 3. While four trenches were excavated within the general area, two trenches 12A and 16 are relevant to this assessment. The PAL report (2000) makes several points about the geomorphology discovered within these two trenches.

For Trench 12A PAL archeologists excavated two 1 x 1 meter units in the trench to sample a Buried A-horizon, which had been covered by approximately 280 cms of fort related material, primarily those associated with the construction of the glacis. These 1 x 1 meter units yielded a radiocarbon date of 590 ± 60 years B.P. While the Buried A-horizon in Trench 12A had been reworked for the fort construction the Buried A-horizon deposit in Trench 4 (approx. 40 meters to the east) had yielded several pre-contact period ceramics. This Buried A-horizon was, as a result, deemed by PAL to be archeologically sensitive (Garman et.al. 2000:14).

Trench 16 also yielded evidence of a Buried A-horizon at approximately 3 meters in depth and radiocarbon dated to approximately the same time 660 ± 70 B.P. This horizon was overlain by a truncated, silty clay which in turn was overlain by dipping layers of sand used in the glacis construction and golf course construction deposits. Subsequent boring done to locate the spatial extent of the buried A-horizon indicated that it appears to have been disturbed from approximately 30 meters south of the Fort Jay moat (Garman et.al. 2000:14). Figure 3-2 from the PAL report illustrating the stratigraphy of Trench 16 is reproduced here as Figure 13.

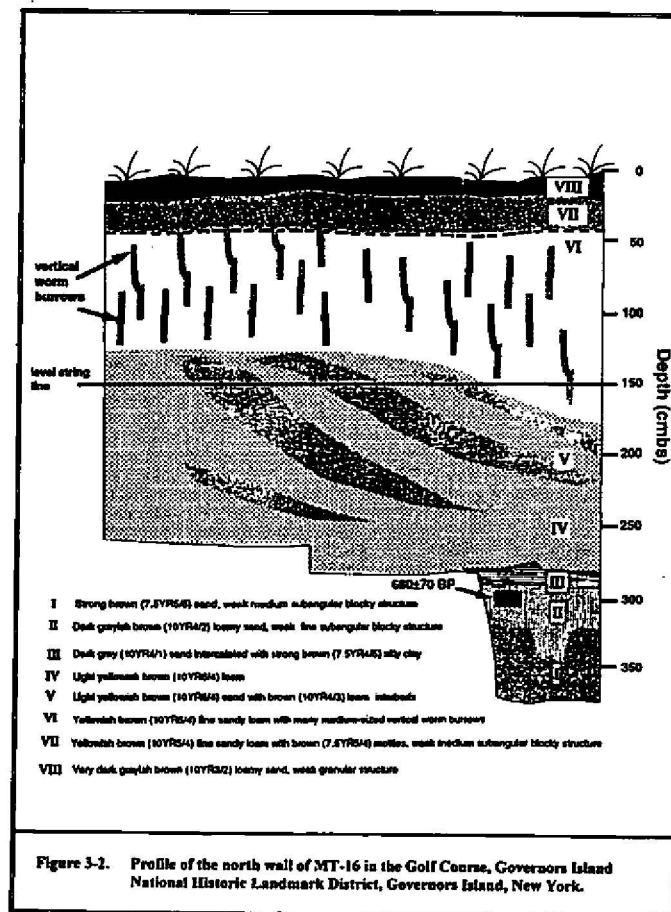


Figure 5 Reproduced profile of Trench 16 (after PAL 1998).

Known Resources in the vicinity of Area 4

PAL tested a 30 x 30 meter block just south of the Area 4 (Block 3). The report indicates that three pieces of quartz debitage were recovered from one unit in amongst historic artifacts (Herbster et.al. 1997: 67). This area was, however, not recommended for additional Phase II testing because the various test units in the Phase IB lacked archeological integrity. It is important to note, however, that deep tests in this area were not conducted for a geomorphological assessment. Buried A deposits may be located in this area out of reach of a traditional hand-excavated test pit. No assessments have been made in the location of Area 4.

All of these damaged areas occurred on top of the existing military-era golf course which is now within an NHL district. Originally constructed sometime c. 1940, the golf course, while active during the Army and Coast Guard periods, has not been maintained as such since the departure of the Coast Guard in 1996.

2. Contractor Services

Area 1

The covered defile (ASMIS GOIS-00018) has clearly been impacted by the construction associated with one of the sand traps in Area 1. A visual inspection of the area could not, however, establish the extent of the impact and additional fieldwork must be undertaken to assess the actual damage to the feature and to come up with a reliable estimate to repair the damage and to figure the Archeological Value of the damage. One troubling issue concerns the ashlar stones that were unearthed when the feature was damaged. Large stones such as these are not mentioned in PAL's report as being connected with the covered defile.

Proposed Strategy: Excavate three trenches, each 1 m x 7.5 meters, across the width of the covered defile. **These trenches should all be hand excavated.** The middle of the three trenches would be excavated so as to evaluate the area of the covered defile impacted by the construction. The other two trenches would be placed approximately 5 meters to the east and 5 meters to the west of this trench and would evaluate areas of the feature that were not impacted by the July 2006 golf course construction. This would allow a clear view into the area that was impacted and into areas that were not so a comparison could be made. Using this comparative material the portion of the covered defile could then be reassembled to its pre-July 2006 appearance.

An additional hand excavated trench (1 x 5 meters) should be excavated across the deep pit dug by the July 2006 excavations to the east of the pit that impacted the covered defile (see Figure 5). The large stone blocks visible on the surface behind the pile of earth near the covered defile may have come from this area since no spoil pit could be associated with this excavation and large stone blocks are not discussed by PAL as part of the covered defile construction. The remainder of Area 1 is reasonably well known through excavation and no further work is necessary other than the four proposed trenches. The crushed gravel apparent in much of the disturbed area is part of the golf course construction.

Area 2

While Area 2 had not been archeologically tested before construction began, PAL's excavations around the golf course in various areas of the glacia illustrated the limited information that can be gained with traditional 50 cm x 50 cm test units within the golf course. Given this and the fact that the heavy equipment had been used to re-contour the landscape, backhoe trenching is suggested for this area.

Proposed Strategy: Excavate a backhoe trench across the impacted area to document the disturbance and to assess its impact. If the Buried A-horizon, located in trenches excavated by

PAL to the south of Fort Jay, is encountered it should be excavated with hand tools and systematically sampled for flotation analysis and for C-14 dates.

Area 3

Area 3 is already considered archeologically sensitive because of the Buried A-horizon deposit located approximately 2.5 to 3.0 meters below the ground surface. It is unclear, however, if this resource has been impacted by the recent construction.

Proposed Strategy: Since the area has already been explored archeologically, a single backhoe trench across the area is recommended. This backhoe trench will allow an archeologist to assess the extent of impact to the area. If it can be determined that the reconstruction of the landscape did not impact the Buried A-horizon, then no further assessment in this area will be necessary.

Area 4

The 50 cm x 50 cm test pits excavated by PAL to the south of Area 4 did not reveal any significant deposits in the top 70 cms of soils. No deep excavations were, however, done in this area.

Proposed Strategy: Excavate a backhoe trench across the area to assess the impact. This should allow archeologists to assess the damage done by the construction and to see if a Buried A-horizon exists below and if it was affected by the construction. If a Buried A-horizon is encountered, it should be sampled for flotation analysis and for C-14 dates.

3. Field and Laboratory Procedures

- 1) Metric measurements will be required for all work. The location of all units will be recorded on a plan map. Maps will also contain GPS locations for units.
- 2) Field forms will be used to record all work. These forms will include information on soil type and composition, soil color (Munsell), type of deposit, and artifacts found for every natural/cultural strata excavated. These forms should also contain small grids for illustrating plan and profile drawings. Field forms should be filled out in their entirety. Artifact bag inventories and a feature inventory will be kept. Photographs using black and white and color film are to be used for all photographs; digital photographs may also be used to duplicate images taken on archival-stable media.
- 3) Soils from controlled excavations should be screened through ¼ inch mesh. Artifacts recovered should be bagged and tagged according to their respective provenience with all necessary provenience information recorded by tags either on or in the bags. Relevant soil samples for particularly informative deposits should be taken. Artifacts and soil samples should not be removed from the park until these items have been accessioned by the park collection manager and a property receipt (or loan) has been issued to the contractor.

- 4) All applicable OSHA safety standards will be observed. Chosen contractor will be required to contact Dig Safe, or other utility clearinghouses, in advance of excavations and allow time for various companies to locate buried utilities. The areas of proposed investigation have previously been cleared of UXO.
- 5) All project personnel will conform to the Secretary of the Interior's standards for their respective positions.
- 6) The COTR will be notified immediately of any significant discoveries.
- 7) The contractor will be responsible for all damages to persons and property that occur in connection with the work and services under this contract, without recourse against the Government.
- 8) The contractor is responsible for having adequate insurance coverage for all activities required under this contract. Lack of adequate coverage is not an acceptable excuse for project delays.
- 9) Artifacts found are to be washed and cleaned, as appropriate to the material. All of the artifacts collected will be cataloged using ANCS + (Rediscovery) and all data entered should conform to the standards and terminology used by the Northeast Region Archeology Program (NRAP). A flow chart and specific instructions for cataloging and storage of the artifacts will be provided. All material must be stored according to NRAP guidelines with archival quality tags. Gail Frace, NRAP (978 970-5151) will serve as inspector for the cataloging, data entry, and storage requirements for the project. For developing an estimate, contractor can assume that no more than 850 artifacts will be discovered in these excavations that need to be cataloged into ANCS+; overages will be negotiated separately. **All artifacts will be directly labeled and will be placed in plastic bags containing archival quality tags.** Original field notes and photographs will be cataloged and returned to the park with the artifacts.
- 10) Paper forms for the registration of sites into the Archeological Sites Management Information System (ASMIS) will be filled out by the contractor. The ASMIS forms will be supplied by the COTR. In addition to the information required for completion of the ASMIS forms, a 50 word summary of the site will be required if a site is found.

4. Deliverables

Four deliverables will be required for this work:

- 1) A brief end-of-fieldwork memo for the investigations (8 hardcopy, 1 .pdf, 1 Word).
- 2) A draft narrative report for the archeological excavations (8 hardcopy, 1 .pdf, 1 Word).

- 3) A final narrative report for the archeological excavations (8 hardcopy, 1 .pdf, 1 Word).
- 4) Cataloged artifacts and associated project documentation from the excavations stored according to NRAP guidelines.

Doug Mackey (NYOPRHP), Amanda Sutphin (NYCLPC), and representatives from the Delaware Nation and the Stockbridge-Munsee Community will be included in all reviews.

Payment on the project will be made according to the following schedule:

- 1/3 of the total after the delivery of the end-of-fieldwork memo.
- 1/3 of the total after delivery of the draft report.
- 1/3 of the total after the delivery of the final report and return of the cataloged artifacts and archival material.

Copies of all memos and reports will be sent to William Griswold for distribution.

5) Report content and format.

All documentation prepared for this project, including the management summary and draft and final reports shall meet accepted professional and the Secretary of the Interior's Standards and Guidelines as well as those standards set forth by the New York State Office of Parks Recreation and Historic Preservation.

The reports noted above will contain the following sections: Title Page, Abstract, Table of Contents, Management Summary, Acknowledgements, Introduction and Cultural Background, Methods and Procedures, Results, Interpretations, Recommendations, References, Appendices including one listing selected fields from the ANCS+ catalog of the artifacts (where applicable). Several graphics should be integrated within the report and should include, but should not be limited to, a locator map, a map illustrating the location of the excavations, plan and profile drawings of selected units and important features, and photographs of unique artifacts or features. Electronic versions of all documents will also be required and will be available in .pdf format.

6. Project Schedule.

Following the award of the contract, the following time milestones will be used for administration of the project. Calendar dates will be established at the project start-up meeting. This entire project will be completed within 7 months following the notice to proceed.

- 1) The archeological investigations will begin within 21 calendar days following the notice to proceed. The excavations are expected to be completed within 60 days of the start of fieldwork.

- 2) The end-of-fieldwork memo shall be submitted within 7 days following the conclusion of the fieldwork.
- 3) Eight copies of the draft report will be submitted to the COTR within 60 calendar days following the completion of the fieldwork.
- 4) Comments concerning the draft report will be delivered to the contractor 40 calendar days following the submission of the draft report.
- 5) The final report will be submitted within 21 calendar days following the delivery of comments on the draft report. Eight copies of the final report will be submitted.
- 6) All artifacts collected will be cataloged in ANCS+ (Rediscovery) and will be returned with the submission of the final report. A copy of the ANCS+ program will be provided to the contractor for the duration of the project. A licensing agreement with Rediscovery will need to be signed by both the contractor and the park's collection manager. Gail Frace (Inspector 978 970-5151) will review the entries so that they are in conformity with the NRAP standards.

7. **Project Coordination and Orientation**

William Griswold, Northeast Region Archeology Program Archeologist, is designated as the Contracting Officer's Technical Representative for the excavations associated with the project. Griswold will serve as the primary point of contact for technical questions regarding the archeological scope of work. Gail Frace will serve as the inspector for the artifacts and the cataloging process.

8. **Contact Information**

Governors Island National Monument

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Contracting

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