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ROCKAWAY BOULEVARD SITE (#05PR05050)
ROCKAWAY BOULEVARD &
NASSAU EXPRESSWAY
BLOCK 14260, LOT 1
JAMAICA, QUEENS COUNTY, NEW YORK

PHASE IB ARCHAEOLOGICAL SURVEY

Prepared For:

**Metropolitan Transportation Authority/
New York City Transit
Capital Project Management/Department of Buses**
New York, New York



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ENVIRONMENTAL REVIEW

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LANDMARKS PRESERVATION
COMMISSION

Prepared By:

The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, New York



April 2006

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Prepared for:

**Metropolitan Transportation Authority/
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New York, New York**

Prepared By:

Zachary J. Davis, RPA

**The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, New York**

April 2006

MANAGEMENT SUMMARY

Involved State and Federal Agency: Metropolitan Transportation Authority

Phase of Survey: IB

Location Information

Location: Rockaway Boulevard & Nassau Expressway

Minor Civil Division: Queens

County: Queens

Survey Area

Length: 1050 feet

Width: 450 feet

Depth: 3 feet

Number of Acres Surveyed: 8.2

Number of Square Meters & Feet Excavated (Phase II, Phase III only):

Percentage of the Site Excavated (Phase II, Phase III only):

USGS 7.5 Minute Quadrangle Map: Jamaica, NY

Archaeological Survey Overview

Number & Interval of Shovel Tests: 151 at 15 meter spacing

Number & Size of Units: N/A

Width of Plowed Strips: N/A

Surface Survey Transect Interval: N/A

Results of Archaeological Survey

Number & name of prehistoric sites identified: none

Number & name of historic sites identified: none

Number & name of sites recommended for Phase II/Avoidance: none

Results of Architectural Survey

Number of buildings/structures/cemeteries within project area: N/A

Number of buildings/structures/cemeteries adjacent to project area: N/A

Number of previously determined NR listed or eligible buildings/structures/cemeteries/districts: N/A

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

Report Author: Zachary J. Davis

Date of Report: April 2006

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I. INTRODUCTION

A. PURPOSE OF STUDY

This report presents the results of a Phase IB Archaeological Survey completed in association with proposed construction for a new parking facility to hold approximately 120 buses at a site located at the intersection of Rockaway Boulevard and the Nassau Expressway (Figure 1). The Metropolitan Transportation Authority - Capital Project Management/Department of Buses proposes to utilize this site to park approximately 120 buses, which would consist of a reserve fleet of approximately 80 buses and up to 40 buses pending disposition. Most days there would be no movement of buses or employees into or out of this site with the exception of security. At other times there would be minimal traffic into and out of this site. The proposed work to create the bus parking facility would consist of clearing the site of all vegetation, grading the site and constructing asphalt paving and installing fencing and lighting around the facility.

A Phase IA Archaeological Resource Assessment was previously prepared by the Louis Berger Group, Inc. (Berger) in September 2005 (Berger 2005). The Phase IA assessment determined that the project's Area of Potential Effect (APE) possessed the potential to contain previously undocumented archaeological resources. The New York State Office of Parks, Recreation and Historic Preservation concurred with this recommendation on October 21, 2005. This Phase IB archaeological survey was conducted by Berger for MTA - Capital Project Management/Department of Buses.

The goals of the archaeological investigation were to determine whether the proposed project's area of potential effects (APE) contains intact archaeological resources that might be affected by the construction project; to derive indications of the age, horizontal and vertical extent, and level of integrity of any archaeological sites; and to make a preliminary evaluation of the significance of any sites in terms of National Register of Historic Places eligibility.

The study was conducted in accordance with the instructions and intent of the New York State Historic Preservation Act of 1980, Section 14.09 as required under the State Environmental Quality Review Act (SEQRA), 6NYCRR Part 617 of the New York State Environmental Conservation Law. The cultural-resource specialists who performed the investigations meet the standards specified in 36 CFR 66.3(b)(2) and 36 CFR 61.

B. AREA OF POTENTIAL EFFECT

The roughly triangular-shaped site is bounded by Rockaway Boulevard to the north and east, a Federal Aviation Administration (FAA) building to the west and the Nassau Expressway to the south (Figures 2 and 3; Photos 1 and 2). The Belt Parkway is located approximately 0.3-mile to the north of the site. JFK International Airport is located adjacent to the project along the south side of the Nassau Expressway. The project area entirely surrounds a Consolidated Edison switch gear facility, accessed by a paved path from Rockaway Boulevard. Outside of the ConEd switch gear facility, the project area consists of a grassy/semi-wooded surface with no visible structures or other surface features. The proposed project's Area of Potential Effect measures approximately 8.2 acres (357002.6 square feet) and excludes the area of the ConEd facility.

C. PROJECT PERSONNEL

Zachary Davis, an RPA-certified (Register of Professional Archaeologists) archaeologist, served as Principal Investigator for this project, authored this document and assembled the report's graphics. Archaeological field testing was supervised by Berger Archaeologist Kristofer Beadenkopf (RPA-certified). Field technicians included Thomas Donato, Suzanne Mazziotta, Constance Rocklein, Timothy Tam and Wendy Van Allen. Susan Grzybowski, Berger Senior Archaeologist and Assistant Director, served as Quality Assurance/Quality Control manager for this project.

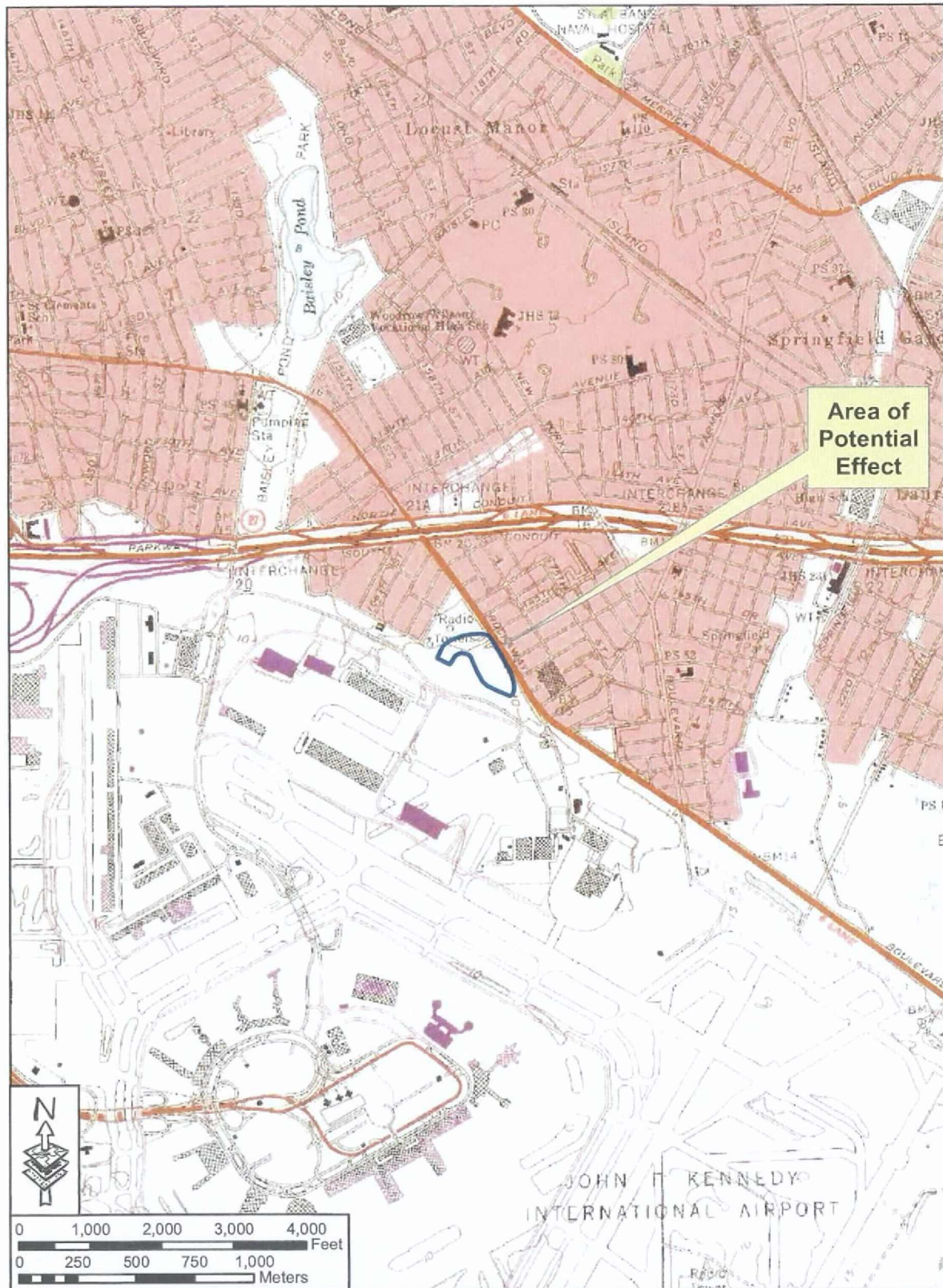


FIGURE 1: Overview of the Proposed Location for the Rockaway Boulevard Bus Facility Project Area

SOURCE: USGS Quad, 7.5' Series, Jamaica, NY, 1979

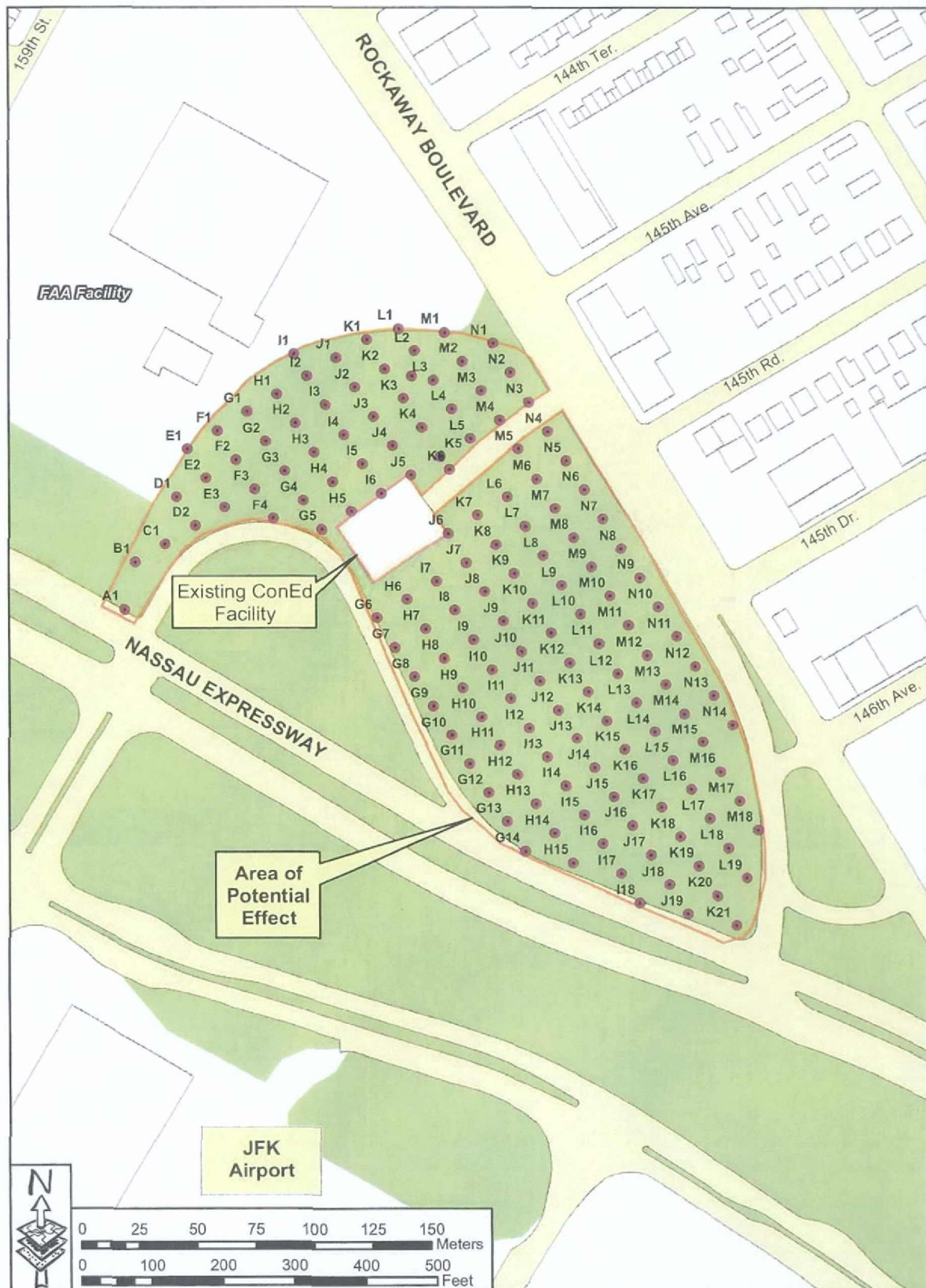


FIGURE 2: Project Area and the Location of Excavated Shovel Test Pits within the Area of Potential Effect (APE)

SOURCE: NYCMAP 2005

SOURCE: NYCT DOB 2006



Photo 1: Overview of the Northwestern Portion of the Project Area. Note the Presence of the Fence Line and the FAA Facility to the West. View North.



Photo 2: Southern Portion of the Project Area between Rockaway Boulevard (Shown on the Right of the Photo) and the Nassau Expressway (behind Photographer). Note the Modern Dump in the Background.

II. ENVIRONMENTAL SETTING

A. Project Setting

The proposed construction site is located in the Springfield Gardens neighborhood in the southwestern end of Queens County, New York (see Figure 1). The proposed site currently consists of a grassy, partially wooded surface. The site is located just over 2.0-miles north of Jamaica Bay. A second, smaller body of water, known as Baisley's Pond is located just under a mile northwest of the project site. The site is bounded by Rockaway Boulevard to the north and east, the Federal Aviation Administration (FAA) facility and parking lot to the west and the Nassau Expressway to the south. The Belt Parkway is located approximately 0.3-mile to the north of the site.

B. Physiography

The project site is located in the Coastal Plain Physiographic Province of the Atlantic Coastal Lowland Landform. The site is geographically part of the Ronkonkoma and Harbor Hill morainal ridges (Schubert 1968). Parent material within these ridges includes schist, granite, "inwood marble," and several other layers of metamorphosed shales, limestones, and several crustaceous sediments (Barlow 1971; Kieran 1971). The soils of the area are alluvial, situated in valley bottoms (Thompson 1977), and have excellent production potential in terms of agriculture.

C. Drainage

The site is situated on well-drained, low-relief terrain, with Jamaica Bay located approximately 2.2-miles south of the project site.

III. FIELD METHODS

The archaeological field methodology for the Rockaway Boulevard project employed a two-stage approach. The initial task was a walkover surface reconnaissance of the area of potential effects to identify visible components of prehistoric or historic archaeological deposits. Any cultural deposits inventoried during this examination would have been described, photographed, and mapped.

The primary fieldwork activity was subsurface testing of the study area. A grid of shovel tests was established across the APE at 15-meter intervals with a total of 151 shovel test locations (see Figure 2). Each shovel test measured 0.6-meter in diameter and was excavated to culturally sterile subsoil or until impeded by natural obstruction (i.e., rock, water, etc.). All excavated soil was screened through 6-millimeter (¼-inch) hardware cloth for the recovery of artifacts. Information regarding the soil colors, soil textures, and depths was recorded on standardized forms developed by Berger, and upon completion of each shovel test excavated soil was backfilled and each location restored as closely as possible to its original condition.

Field conditions of the study area were photographically documented, and notations about vegetation and disturbances were entered onto the project field map.

IV. RESULTS OF FIELD WORK

The walkover reconnaissance identified no surface archaeological deposits. Portions of the archaeological APE appeared to be previously disturbed and locations were identified containing push piles (Photo 3) and a trash dump (Photo 4). Other disturbances recorded during the walkover included a drainage catch basin located in the southeast portion of the project area (Photo 5). Additionally, the central portion of the project area, along the H and J transects, contained moderate mounds that likely represented naturally deposited sand dunes (Photo 6). All of these surface features were noted on the project map (Figure 4).

Excavation of the 151 shovel test pits revealed some disturbance to the western and northern portions of the project area, while the central and eastern portion of the project area appeared to be relatively intact. Evidence of disturbance was found in Shovel Test B1, which recovered angular blue stone that had been tarred together, possibly representing a previously paved portion of the jug handle. Test probing in the vicinity of Shovel Test B1 confirmed this paved surface continued locally. Shovel Test A1 did not encounter evidence of this previously paved surface.

Excavation of shovel tests along the western and northern edges of the project area revealed evidence of fill, represented by the presence of asphalt, plastic, coal, and metal and modern glass fragments. Fill deposits were recovered in Shovel Tests A1, B1, C1, D1, E2, E3, F2, G1, G3, H1, H2, H3, I2, I3, J2, J3, K2, K3, K4 L2, L3, M1, M2, M4 and N1, all broadly located along the northwestern limit of the project area and closest to the FAA Facility. The presence of fill within this area suggests the project area may have been affected during the construction of the adjacent building. Coincidentally, this fill deposit is located within the presumed location of the Long Neck Creek that was known to have flown through the western portion of the project area in the mid- to late nineteenth century (Berger 2005:6).

Within the center of the project area, shovel tests within the noted natural mounds did reveal evidence to support their interpretation as naturally deposited sand dunes. These sand dunes were best represented in Shovel Tests H12 and J11; both shovel tests indicated the sand dune deposits extended in some places to 1.45m below the surface. At other locations, the sand deposits ceased at 1m below the surface and a mottled clayey loam, of apparent fluvial origin, covered the 1 - 1.5 m range. No gravels, however, were encountered within this mottled clayey loam. This extensive sand deposit underlain by clayey soils when coupled with the apparent rise in topography over the sand-clay deposits indicates these moderate mounds represent naturally deposited sand dunes, not unlike the modern-deposited sand dunes observed along the south shore of Long Island (Rapp & Hill 1998:41).

The excavated shovel tests did recover a mix of modern archaeological material, though none of the material was retained for further analysis. All of the artifacts retained consisted of modern bottle glass, plastic, brick fragments, undecorated whiteware, one fragment of whiteware decorated with a "Blue Willow" transfer print, ceramic floor/wall tile, unidentifiable ferrous metal fragments, window glass, soda/beer cans and or caps, rubber fragments, wire drawn nails, and other refuse. All of these materials were deposited within the fill layers or from general disposal from off site locations, and do not represent a historic period occupation within the project area.



Photo 3: Closeup of One of the Modern Dumps/Push Piles with Architectural Debris in the Southern Portion of the Project Area. Note the Large Amounts of Concrete.

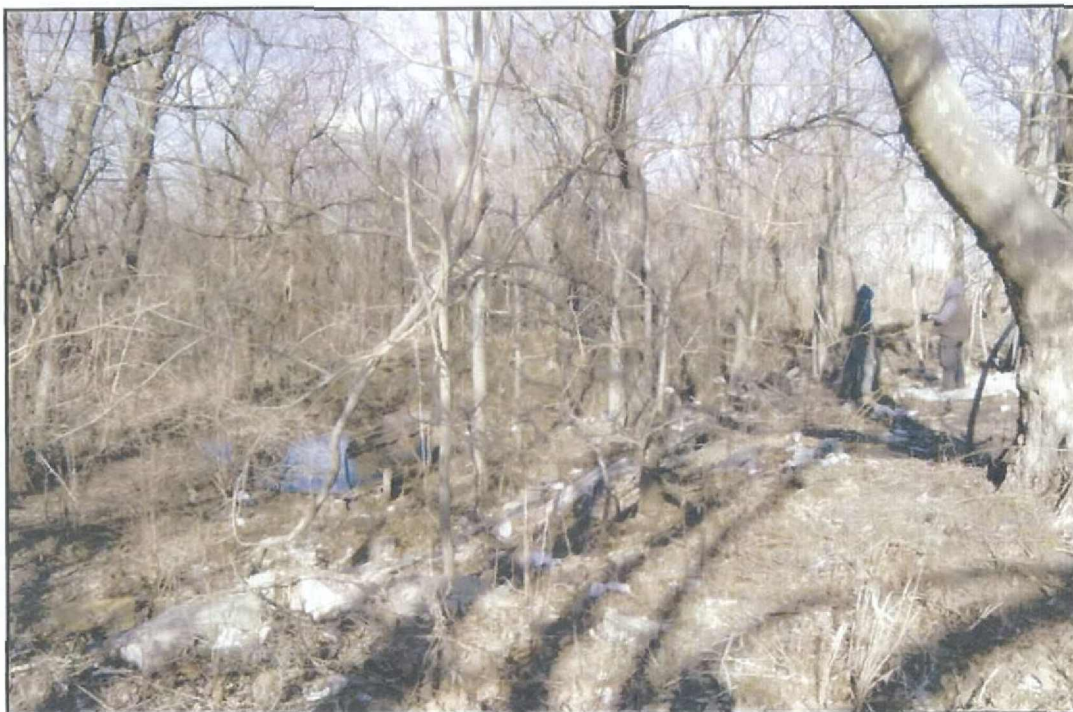


Photo 4: Shovel Test Excavation in Central Portion of the Project Area along Rockaway Boulevard. Note the Modern Debris.



Photo 5: Southern Portion of the Project Area Between Rockaway Boulevard and the Nassau Expressway. Note the Presence of the Storm Drain.



Photo 6: Central Portion of the Project Area in the Center of the Project Area Near STP J10 Illustrating the Change in Elevation Due to Natural Dunes, View Southeast.



FIGURE 4: Observed Surface Features within the Project Area

SOURCE: NYCMAP 2005;
Berger Field Data 2006

V. RECOMMENDATIONS

Background research for the proposed Rockaway Boulevard Bus Parking Facility undertaken by Berger (2005) suggested that the area of potential effects for the proposed project was sensitive for the presence of prehistoric archaeological deposits. Walkover reconnaissance revealed some disturbance to portions of the study area in the form of push piles and refuse dumping. A total of 151 shovel tests was excavated in the APE during this survey. Disturbance was documented across the northwestern portion of the project area. A collection of modern archaeological material was recovered during the Phase IB Archaeological Survey.

Berger has determined that proposed project impacts within the APE will not affect any archaeological deposits, and Berger recommends that construction activities be allowed to proceed. If, however, the parameters of the current project designs change, it would be necessary to archaeologically survey any areas outside the field-tested APE.

VI. REFERENCES CITED

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APPENDIX A

Shovel Test Records

STP: A1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR2/2	very dark brown	silty sandy loam					X	
2	0.16-0.27	10YR3/4	dark yellowish brown	silty sand	30% gravel			X		Fill; Discard: glass, can, brick, shell, ceramic, nail
3	0.27-0.51	10YR3/3	dark brown	sand	40% gravel			X		Fill; Discard: glass, can, brick, shell, ceramic, nail
4	0.51-0.64	10YR4/3	brown	sand	10% pebbles				X	Abrupt soil changes; Very compact soil

STP: B1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.13	10YR5/3	dark brown	silty sandy loam				X		Discard: glass, plastic, paper
2	0.13-0.19	10YR5/4	yellowish brown	medium sand	30% gravel			X		Discard: glass, plastic, paper
3	0.19-0.30	10YR4/3	brown	silty sand				X		Discard: glass, plastic, paper; Impasse, medium size angular gravels "tarred" together, test probe at 1 1/2 meters SW revealed impasse continues

STP: C1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR3/4	dark yellowish brown	silty sand	30% pebbles			X		Discard: coal, glass
2	0.17-0.42	10YR3/6	dark yellowish brown	medium sand	40% cobbles				X	This line was terminated

STP: D1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.20	10YR2/2	very dark brown	silty sand				X		Discard: glass, ceramic, plastic, brick, shell
2	0.20-0.43	10YR4/3	brown	silty sand				X		Discard: glass, ceramic, plastic, brick, shell
3	0.43-0.63	10YR4/6 w/ 10YR5/2	dark yellowish brown w/ grayish brown	sand					X	
4	0.63-0.71	10YR4/6	dark yellowish brown	coarse sand					X	
5	0.71-0.84	10YR5/2 w/ 10YR4/6	grayish brown mottled w/ dark yellowish brown	coarse sand					X	
6	0.84-0.90	10YR4/6	dark yellowish brown	coarse sand					X	

STP: D2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.18	10YR3/2	very dark grayish brown	sandy loam				X		Discard: glass, plastic, brick, shell
2	0.18-0.30	10YR4/2	dark grayish brown	loamy sand				X		Discard: glass, plastic, brick, shell
3	0.30-0.42	10YR5/4	yellowish brown	sandy clay loam				X		Discard: glass, plastic, brick, shell
4	0.42-0.48	10YR3/2	very dark grayish brown	sand					X	
5	0.48-0.53	10YR5/3	light olive brown	fine sand				X		Discard: brick

STP: E1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.22	10YR3/3	dark brown	silty sandy loam				X		Discard: brick, plastic, glass, shell; Fill
2	0.22-0.56	10YR3/1	very dark gray	silty sand				X		Discard: brick, plastic, glass, shell; Fill
3	0.56-0.62	10YR3/3	dark brown	silty sand					X	

STP: E2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	Pre	P	H	M	Comments
1	0-0.18	10YR3/3	dark brown	loamy sand	40% gravel			X		Discard: glass, ceramic, shell, plastic; Fill
2	0.18-0.42	10YR5/6	yellowish brown	fine sand				X		Discard: glass, ceramic, shell, plastic; Fill
3	0.42-0.90	10YR3/2	very dark grayish brown	loamy sand				X		Discard: glass, ceramic, shell, plastic; Fill; Buried A- too deep to continue

STP: E3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.15	10YR3/2	dark grayish brown	silty sand				X		Discard: brick, glass, ceramic, plastic, wood
2	0.15-0.30	10YR5/6	yellowish brown	sand				X		Discard: brick, glass, ceramic, plastic, wood
3	0.30-0.90	7.5YR4-3	brown	coarse sand				X		Discard: brick, glass, ceramic, plastic, wood

STP: F1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR2/2	very dark brown	loamy sand					X	Concrete Impasse

STP: F2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.20	10YR2/2	very dark brown	silty loam				X		Discard: glass, plastic, brick, shell, tile
2	0.20-0.30	10YR2/1 w/ 10YR6/1	black w/ gray	loamy sand				X		Discard: brick, glass, metal pipe
3	0.30-0.36	10YR6/1 w/ 10YR2/1	gray w/ black	sand					X	
4	0.36-0.42	10YR5/6	yellowish brown	sand					X	
5	0.42-0.56	10YR6/1 w/ 10YR5/6	gray w/ yellowish brown	coarse sand					X	
6	0.56-0.60	10YR6/1	gray	sand					X	

STP: F3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR2/2	very dark grayish brown	loamy sand				X		Discard: glass, plastic, tile
2	0.14-0.52	10YR5/4	yellowish brown	sand					X	
3	0.52-0.78	10YR6/2	light brownish gray	sand						Discard: clam, oyster, snail shells

STP: F4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR2/2	very dark brown	sandy loam				X		Discard: bottle glass
2	0.11-0.29	10YR4/2	dark grayish brown	loamy sand				X		Discard: glass, ceramic, tile, shell
3	0.29-0.59	10YR3/3	dark brown	sandy loam					X	
4	0.59-0.64	10YR2/2	very dark brown	loamy sand					X	
5	0.64-0.78	10YR4/4	dark yellowish brown	sand					X	

STP: G1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.19	10YR3/3	dark brown	loamy sand				X		Discard: glass, ceramic, shell, plastic
2	0.19-0.43	10YR3/2	very dark grayish brown	coarse sand				X		Discard: asphalt; Moist
3	0.43-0.53	10YR4/4	dark yellowish brown	coarse sand					X	Compact soil

STP: G2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR3/3	dark brown	sandy loam					X	
2	0.09-0.28	10YR4/4	dark yellowish brown	sand					X	
3	0.28-0.36	10YR4/2	dark grayish brown	sand				X		Discard: bottle glass, plastic

STP: G3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.55	10YR2/2	very dark brown	loamy sandy silt				X		Discard: bottle glass, plastic, tile, ceramic, shell; Fill
2	0.55-0.70	10YR6/1	gray	sand					X	

STP: G4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR2/2	very dark brown	sandy loam				X		Discard: plastic
2	0.14-0.25	10YR4/3	brown	loamy sand					X	
3	0.25-0.41	10YR5/4	yellowish brown	sand					X	
4	0.41-0.69	10YR6/4	light yellowish brown	sand					X	

STP: G5										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.15	10YR2/2	very dark brown	sandy loam						Discard: clam shell
2	0.15-0.30	10YR4/3	brown	loamy sand					X	
3	0.30-0.60	10YR5/4 w/ 10YR6/1 & 10YR4/3	yellowish brown w/ light brownish gray and brown	sand					X	
4	0.60-0.70	10YR6/1	gray	sand					X	

STP: G6										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.18	10YR2/1	black	sandy loam					X	
2	0.18-0.30	10YR5/6	yellowish brown	coarse sand					X	
3	0.30-0.76	10YR3/3	very dark brown	sand					X	
4	0.76-0.90	10YR5/6	yellowish brown	sand					X	
5	0.90-1.08	2.5Y5/4 w/ 2.5Y5/2	light olive brown w/ grayish brown	sand					X	

STP: G7										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR2/2	very dark grayish brown	sandy loam				X		Discard: glass, shell
2	0.16-0.26	10YR4/6	dark yellowish brown	coarse sand				X		Discard: glass, brick, shell
3	0.26-0.53	10YR4/4	dark yellowish brown	sand				X		Discard: glass, shell

STP: G8										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.30	10YR2/2	very dark brown	sandy loam				X		Discard: glass, brick, metal, asphalt, ceramic
2	0.320-0.45	10YR4/6	dark brown	sand					X	
3	0.45-0.60	10YR5/4 w/ 10YR5/2	yellowish brown w/ grayish brown							Discard: shell

STP: G9										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR2/2	very dark brown	sandy loam				X		Discard: shell, brick, glass
2	0.09-0.19	10YR3/4	dark yellowish brown	coarse sand					X	
3	0.19-0.34	10YR3/2	very dark grayish brown	sand					X	
4	0.34-0.38	10YR5/6	yellowish brown	sand					X	
5	0.38-0.60	10YR5/4 w/ 10YR6/2	yellowish brown w/ light brownish gray	sand					X	

STP: G10										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.22	10YR3/4	dark yellowish brown	sandy loam				X		Discard: glass, shell, brick
2	0.22-0.35	10YR5/6	yellowish brown	sand				X		Discard: glass
3	0.35-0.50	2.5Y5/4 w/ 2.5Y5/2	light olive brown w/ grayish brown	sand					X	

STP: G11										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.26	10YR3/3	dark brown	sandy loam				X		Discard: brick, shell
2	0.26-0.46	10YR3/4 w/ 10YR3/2	dark yellowish brown w/ very dark grayish brown	sandy loam				X		Discard: brick, shell, plastic, ceramic
3	0.46-0.61	10YR5/4	yellowish brown	sand					X	
4	0.61-0.70	10YR5/2	grayish brown	sand					X	

STP: G12										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR3/4	dark yellowish brown	silty loam				X		Discard: glass, brick; Fill
2	0.14-0.49	10YR3/2	very dark grayish brown	silty loam	30% gravel			X		Discard: glass, brick, shell, metal; Fill
3	0.49-0.60	10YR4/3	brown	sand					X	

STP: G13										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.33	10YR3/3	dark brown	silty loam				X		Discard: nail, glass, ceramic; Fill
2	0.33-0.57	10YR3/2	very dark grayish brown	silty loam				X		Discard: brick, concrete; Fill; Concrete impasse

STP: G14										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.21	10YR3/1	very dark gray	silty loam				X		Discard: glass, metal
2	0.21-0.48	10YR3/3	dark brown	silty loam				X		Discard: glass, brick, plastic; Concrete Impasse

STP: H1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR4/2	dark grayish brown	sandy loam				X		Discard: glass, ceramic, shell
2	0.11-0.20	10YR4/3	dark yellowish brown	loamy sand				X		Discard: architectural marble, rebar
3	0.20-0.39	2.5Y4/1	dark gray	loamy sand					X	Wet soil; Water at base

STP: H2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.19	10YR3/2	very dark grayish brown	loamy sand				X		Discard: glass, ceramic, shell, nail plastic, slag, wood; Fill; Moist
2	0.19-0.24	10YR4/1	dark gray	medium sand					X	
3	0.24-0.64	10YR5/4	yellowish brown	coarse sand					X	Moist; Water at base

STP: H3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.60	10YR3/1	very dark gray	loamy sand				X		Discard: glass, brick, ceramic, shell, nails, concrete, asphalt, plastic, wood; Fill; Rock Impasse

STP: H4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR3/2	dark brown	loamy sand					X	
2	0.11-0.25	10YR5/8	yellowish brown	fine sand					X	
3	0.25-0.41	5YR4/6	reddish brown	sand					X	
4	0.41-0.74	10YR6/2	light brownish gray	coarse sand					X	

STP: H5										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam				X		Discard: slag
2	0.10-0.28	10YR4/6	dark yellowish brown	fine sand						Discard: shell
3	0.28-0.50							X		Slag lens
4	0.50-0.53	10YR3/2	very dark grayish brown	sandy clay loam					X	
5	0.53-0.62	10YR6/2	light brownish gray	coarse sand					X	

STP: H6										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR2/1	black	sandy loam						Discard: shell
2	0.12-0.39	10YR5/6	yellowish brown	coarse sand						Discard: shell

STP: H7										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.30	10YR2/1	black	sandy loam						Discard: shell
2	0.30-0.60	10YR5/6	yellowish brown	coarse sand						Discard: shell
3	0.60-0.80	2.5Y5/4 w/ 2.5Y5/2	light olive brown w/ grayish brown	sand					X	

STP: H8										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.07	10YR2/1	black	sandy loam					X	
2	0.07-0.37	10YR5/6	yellowish brown	coarse sand						Discard: shell

STP: H9										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR4/2	dark grayish brown	sand						Discard: shell
2	0.17-0.20	10YR5/6	yellowish brown	sand						Discard: shell
3	0.20-0.46	2.5Y5/4 w/ 2.5Y5/2	light olive brown w/ grayish brown	sand					X	

STP: H10										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.15	10YR3/4	dark yellowish brown	loamy sand					X	
2	0.15-0.53	10YR3/3	dark brown	sand						Discard: shell; Slightly offset due to metal pipe at 0.43 meters
3	0.53-0.62	10YR4/6	dark yellowish brown	sand					X	

STP: H11										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR4/2	dark yellowish brown	sand					X	
2	0.10-0.30	10YR5/6	yellowish brown	fine sand					X	

STP: H12										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR2/1	black	sandy loam					X	
2	0.12-0.39	10YR5/6	yellowish brown	fine sand					X	
3	0.39-1.4	2.5Y5/4 w/ 2.5Y5/2	light olive brown w/ grayish brown	fine sand					X	Test was augured beginning at 0.86 meters

STP: H13										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.13	10YR2/1	black	sandy loam					X	
2	0.13-0.20	10YR3/6	dark yellowish brown	coarse sand						Discard: shell
3	0.20-0.40	10YR4/6	dark yellowish brown	coarse sand						

STP: H14										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR2/1	black	sandy loam						Discard: shell
2	0.17-0.40	10YR3/6	dark yellowish brown	coarse sand	30% gravel					Discard: shell
3	0.40-0.63	10YR4/6	dark yellowish brown	coarse sand						Discard: shell

STP: H15										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR2/1	black	sandy loam					X	
2	0.17-0.40	10YR5/6	yellowish brown	sand					X	

STP: I1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR4/2	dark grayish brown	sandy loam				X		Discard: glass, ceramic, unidentified metal
2	0.10-0.24	10YR4/3	dark brown	loamy sand					X	
3	0.24-0.44	2.5Y4/2	dark grayish brown	loamy sand					X	Wet sand; Water at base

STP: I2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.13	10YR4/2	dark grayish brown	sandy loam				X		Discard: glass, shell, unidentified metal, architectural marble
2	0.13-0.25	10YR3/2	very dark grayish brown	coarse sand				X		Discard: glass, shell, unidentified metal, architectural marble
3	0.25-0.41	2.5Y3/3	dark olive brown	coarse sand					X	
4	0.41-0.54	10YR4/3	brown	coarse sand					X	Water seepage
5	0.54-0.60	10YR2/2	very dark brown	coarse sand					X	Wet sand; Water at base

STP: I3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR4/2	dark grayish brown	sandy loam				X		Discard: glass, ceramic, brick, shell, unidentified metal
2	0.16-0.25	10YR3/2	very dark grayish brown	coarse sand				X		Discard: plastic, brick
3	0.25-0.45	10YR4/2	dark grayish brown	sandy loam				X		Discard: glass

STP: I4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.18	10YR3/2	very dark grayish brown	sandy loam				X		Discard: plastic, brick, glass, nail, ceramic; Slightly offset due to large metal pipe
2	0.18-0.43	10YR3/1	very dark gray	loamy sand				X		Discard: plastic, brick, glass, nail, ceramic; Rock Impasse

STP: I5										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.05	10YR3/4	dark yellowish brown	sandy loam				X		Discard: glass, nail
2	0.05-0.17	10YR5/8	yellowish brown	sandy loam				X		Discard: glass, nail
3	0.17-0.38	10YR3/3	dark brown	loamy sand					X	
4	0.38-0.54	10YR2/2	very dark brown	loamy sand					X	
5	0.54-0.76	7.5YR3/3	dark brown	sandy loam					X	

STP: I6										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.19	10YR4/2	dark grayish brown	sandy loam				X		Discard: asphalt, slag, plastic, glass, shell
2	0.19-0.37	10YR3/3	dark brown	sandy loam				X		Discard: glass, shell
3	0.37-0.50	10YR3/2	very dark grayish brown	sandy loam				X		Discard: glass, shell
4	0.50-0.61	10YR2/2	very dark brown	sandy loam					X	Rock Impasse

STP: I7										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.08	10YR2/2	very dark brown	sandy loam				X		Discard: shell, plastic
2	0.08-0.19	10YR5/4	yellowish brown	fine sand				X		Discard: shell, plastic, slag
3	0.19-0.28	10YR5/2	grayish brown	fine sand					X	
4	0.28-0.56	7.5YR4/4	brown	medium sand					X	

STP: I8										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR3/1	very dark gray	sandy loam				X		Discard: shell, bottle glass
2	0.12-0.28	10YR3/3	dark brown	fine sand						Discard: shell
3	0.28-0.51	2.5Y4/4	olive brown	fine sand					X	

STP: I9										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.05	10YR3/1	very dark gray	loamy sand				X		Discard: plastic, glass, Styrofoam, shell
2	0.05-0.31	10YR3/3	dark brown	fine sand					X	
3	0.31-0.69	10YR5/3	brown	fine sand					X	
4	0.69-0.88	2.5Y4/4	olive brown	fine sand					X	

STP: I10										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR2/1	black	sandy loam						Discard: shell
2	0.11-0.41	10YR3/2	very dark grayish brown	loamy sand					X	
3	0.41-0.58	2.5Y5/4	light olive brown	coarse sand					X	

STP: I11										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.05	10YR2/1	black	sandy loam					X	
2	0.05-0.20	10YR5/6	brown	fine sand					X	
3	0.20-0.40	2.5Y6/1 w/ 10YR5/8	gray banded w/ yellowish brown	sand					X	
4	0.40-0.80	10YR4/3	brown	coarse sand					X	
5	0.80-0.90	10YR5/6	yellowish brown	coarse sand					X	

STP: I12										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.06	10YR2/1	black	sandy loam						Discard: shell
2	0.06-0.21	10YR5/3	brown	fine sand					X	
3	0.21-0.40	2.5Y6/1 w/ 10YR5/8	gray banded w/ yellowish brown	fine sand					X	
4	0.40-0.73	10YR4/3	brown	coarse sand				X		Discard: glass, rock w/ tar
5	0.73-0.80	10YR5/6	yellowish brown	coarse sand					X	

STP: I13										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.06	10YR2/1	black	sandy loam					X	
2	0.06-0.50	10YR5/4	yellowish brown	sand					X	

STP: I14										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam					X	
2	0.10-0.40	10YR5/6	yellowish brown	coarse sand					X	

STP: I15										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR2/1	black	sandy loam						Discard: shell
2	0.11-0.65	10YR5/6	yellowish brown	coarse sand						Discard: shell

STP: I16										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.13	10YR2/1	black	sandy loam				X		Discard: plastic, shell
2	0.13-0.29	10YR4/6	dark yellowish brown	coarse sand					X	
3	0.29-0.50	10YR5/6	yellowish brown	sand					X	

STP: I17										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam					X	
2	0.10-0.39	10YR5/6	yellowish brown	coarse sand					X	

STP: I18										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR2/1	black	sandy loam				X		Discard: glass, shell, metal
2	0.12-0.20	10YR5/4	yellowish brown	sand				X		Discard: glass, shell, metal
3	0.20-0.60	10YR5/6 w/ 10YR5/1	yellowish brown w/ gray	coarse sand	40% gravel			X		Discard: glass, shell, metal; Shell lens at 0.50 meters
4	0.60-0.70	10YR5/1	gray	coarse sand					X	

STP: J1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR4/3	brown	sandy loam				X		Discard: glass, ceramic; Wet throughout
2	0.12-0.47	10YR4/6 w/ 10YR4/4	dark yellowish brown	coarse sand					X	Wet throughout; Water at base

STP: J2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.18	10YR4/3	dark yellowish brown	sandy loam				X		Discard: glass, metal, brick, asphalt; Wood lens
2	0.18-0.46	10YR4/6	dark yellowish brown	sandy loam				X		Discard: wood, nails, plastic; Concrete Impasse

STP: J3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.04	10YR2/2	very dark brown	loamy sand				X		Discard: asphalt, coal, plastic; Fill
2	0.04-0.09	10YR4/6	dark yellowish brown	coarse sand				X		Discard: asphalt, coal, plastic; Fill
3	0.09-0.16	10YR3/3	dark brown	loamy sand				X		Discard: asphalt, coal, plastic; Fill
4	0.16-0.21	10YR2/2	very dark brown	loamy sand				X		Discard: asphalt, coal, plastic; Fill
5	0.21-0.56	10YR3/3	dark brown	sandy loam				X		Discard: asphalt, coal, plastic; Fill

STP: J4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.18	10YR4/4	dark yellowish brown	loamy sand				X		Discard: glass
2	0.18-0.22	10YR7/4	very pale brown	sand					X	
3	0.22-0.28	10YR4/6	dark yellowish brown	sand					X	
4	0.28-0.35	10YR4/6 w/ 10YR4/4	dark yellowish brown	sand					X	
5	0.35-0.82	10YR7/4 w/ 10YR4/6	very pale brown w/ dark yellowish brown	sand					X	

STP: J5										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	silty sand					X	
2	0.10-0.69	10YR5/4	light olive brown	fine sand						Discard: shell
3	0.69-0.89	10YR3/6	dark yellowish brown	sand					X	

STP: J6										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR3/4	dark yellowish brown	sandy loam						Discard: shell
2	0.16-0.24	2.5Y5/4	light olive brown	fine sand					X	
3	0.24-0.39	10YR3/4	dark yellowish brown	coarse sand					X	
4	0.39-0.50	2.5Y3/3	dark olive brown	coarse sand					X	
5	0.50-0.64	2.5Y4/4	olive brown	sand					X	

STP: J7										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR2/2	very dark brown	sandy loam					X	
2	0.09-0.14	10YR3/3	dark brown	silty sand					X	
3	0.14-0.27	10YR5/6	yellowish brown	sand						Discard: shell
4	0.27-1.02	10YR5/4	yellowish brown	coarse sand					X	

STP: J8										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR2/2	very dark brown	sandy loam						Discard: shell
2	0.17-0.81	10YR5/4	yellowish brown	sand						Discard: shell
3	0.81-1.1	10YR6/2	light brownish gray	sand					X	

STP: J9										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.15	10YR2/1	black	sandy loam					X	
2	0.15-0.40	10YR4/6	dark yellowish brown	sand					X	
3	0.40-0.52	2.5Y5/4	light olive brown	sand nod					X	

STP: J10										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR2/1	black	sandy loam					X	
2	0.17-0.39	10YR4/6	dark yellowish brown	sand					X	
3	0.39-0.54	2.5Y5/4	light olive brown	sand					X	

STP: J11										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR2/1	black	silty loam					X	
2	0.09-0.17	10YR3/3	dark brown	silty sand					X	
3	0.17-0.97	10YR5/6 w/ 10YR5/4	dark yellowish brown	coarse sand						Discard: shell; Shell band at 0.50 meters; Augured at 0.80 meters
4	0.97-1.20	10YR4/2	dark grayish brown	clay loam					X	Moist
5	1.20-1.45	2.5Y6/2	light brownish gray	silty clay					X	Moist

STP: J12										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/2	very dark brown	sandy loam						Discard: shell
2	0.10-0.53	10YR5/4	yellowish brown	sand						Discard: shell
3	0.53-0.70	10YR6/2	light brownish gray	sand						Discard: shell

STP: J13										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.08	10YR2/1	black	sandy loam					X	
2	0.08-0.21	10YR4/6	dark yellowish brown	coarse sand						Discard: shell
3	0.21-0.25	10YR5/6	yellowish brown	coarse sand					X	
4	0.25-0.28	7.5YR4/6	strong brown	sand					X	
5	0.28-0.42	10YR4/6	yellowish brown	coarse sand					X	
6	0.42-0.90	2.5Y5/4	light olive brown	coarse sand					X	Augured at 0.76 meters
7	0.90-0.97	7.5Y3/2	dark brown	sand					X	
8	0.97-1.07	7.5YR4/6	strong brown	sand					X	

STP: J14										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR2/2	very dark brown	sandy loam						Discard: shell
2	0.09-0.49	10YR5/4	yellowish brown	sand						Discard: shell
3	0.49-0.58	10YR6/2	light brownish gray	sand					X	

STP: J15										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/2	very dark brown	sandy loam						Discard: shell
2	0.10-0.16	10YR5/4	yellowish brown	sand						Discard: shell
3	0.46-0.57	10YR6/2	light brownish gray	sand						Discard: shell

STP: J16										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.08	10YR2/1	black	sandy loam						
2	0.08-0.12	10YR3/3	dark brown	sand						Discard: shell
3	0.12-0.52	10YR5/4	yellowish brown	coarse sand						Discard: shell

STP: J17										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR2/1	black	sandy loam					X	
2	0.11-0.19	10YR4/4	dark yellowish brown	fine sand					X	
3	0.19-0.51	10YR5/4	yellowish brown	coarse sand					X	

STP: J18										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR2/2	very dark brown	sandy loam				X		Discard: glass
2	0.12-0.62	10YR5/4	yellowish brown	coarse sand						Discard: shell

STP: J19										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.07	10YR2/1	black	sandy loam					X	
2	0.07-0.13	10YR3/6	dark yellowish brown	fine sand				X		Discard: wood
3	0.13-0.23	10YR4/6	dark yellowish brown	coarse sand					X	
4	0.23-0.48	2.5Y4/4	olive brown	coarse sand					X	

STP: K1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.06	10YR2/2	very dark brown	silty loam				X		Discard: glass, brick, asphalt, ceramic, plastic
2	0.06-0.33	10YR3/3	dark brown	sand				X		Discard: glass, brick, asphalt, ceramic, plastic
3	0.33-0.52	10YR3/4	dark yellowish brown	medium sand					X	Water at base

STP: K2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.13								X	Asphalt
2	0.13-0.40	10YR3/2	very dark grayish brown	fine sand				X		Discard: utility pipe fragment
3	0.40-0.56	10YR3/2	very dark grayish brown	coarse sand	40% pebbles			X		Discard: brick; Water at base

STP: K3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR2/1 w/ asphalt	black	silty sandy loam				X		Discard: brick, glass, ceramic, asbestos tile, asphalt
2	0.14-0.30	10YR3/4	brown	fine sand	20% pebbles			X		Discard: brick, glass, ceramic, asbestos tile, asphalt
3	0.30-0.46	10YR3/2	very dark grayish brown	medium sand				X		Discard: brick, glass, ceramic, asbestos tile, asphalt
4	0.46-0.69	10YR2/2	very dark grayish brown	fine sand				X		Discard: brick, glass, ceramic, asbestos tile, asphalt; Asphalt appeared until about 0.64 meters

STP: K4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR4/4	dark yellowish brown	loamy sand				X		Discard: glass
2	0.16-0.21	10YR7/4	very pale brown	sand					X	
3	0.21-0.27	10YR4/6	dark yellowish brown	sand					X	
4	0.27-0.36	10YR4/6 w/ 10YR4/4	dark yellowish brown	sand					X	
5	0.36-0.80	10YR7/4 w/ 10YR4/6	very pale brown w/ dark yellowish brown	sand				X		Discard: wood, asphalt (at base)

STP: K5										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR2/1	black	silty sand					X	
2	0.09-0.68	10YR5/4	light olive brown	fine sand						Discard: shell
3	0.68-0.90	10YR3/6	dark yellowish brown	sand					X	

STP: K6										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR2/1	black	fine sand					X	
2	0.16-0.98	10YR6/6	yellowish brown	sand					X	
3	0.98-1.09	10YR3/6	dark yellowish brown	sand					X	

STP: K7										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.32	10YR2/1	black	sandy loam					X	
2	0.32-0.41	10YR5/6	dark yellowish brown	sand					X	
3	0.41-0.57	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: K8										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR2/1	black	sandy loam						Discard: shell
2	0.16-0.37	10YR5/6	yellowish brown	sand						Discard: shell
3	0.37-0.53	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: K9										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.05	10YR3/3	dark brown	loamy sand						Discard: shell
2	0.05-0.53	10YR5/4	yellowish brown	fine sand						Discard: shell
3	0.53-0.67	10YR6/2	light brownish gray	sand					X	

STP: K10										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR2/1	black	sandy loam				X		Discard: plastic, glass, shell
2	0.09-0.61	10YR5/6	yellowish brown	sand						Discard: shell
3	0.61-0.73	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: K11										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.08	10YR3/3	dark brown	sandy loam						Discard: shell
2	0.08-0.37	10YR5/4	dark yellowish brown	fine sand					X	
3	0.37-0.70	10YR5/2	grayish brown	sand					X	

STP: K12										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR2/1	black	sandy loam						Discard: shell
2	0.12-0.31	10YR5/4	yellowish brown	sand					X	
3	0.31-0.47	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: K13										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR2/2	very dark brown	sandy loam				X		Discard: glass, shell
2	0.16-0.38	10YR3/4	dark yellowish brown	coarse sand				X		Discard: glass, shell
3	0.38-0.56	10YR4/4	dark yellowish brown	fine sand					X	

STP: K14										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.22	10YR3/2	very dark grayish brown	sandy loam				X		Discard: glass
2	0.22-0.32	10YR5/4	yellowish brown	fine sand				X		Discard: glass, shell, plastic
3	0.32-0.51	7.5YR4/6	strong brown	fine sand					X	
4	0.51-0.68	10YR6/3	pale brown	fine sand					X	

STP: K15										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR2/1	black	sandy loam				X		Discard: plastic, glass, shell
2	0.16-0.32	10YR4/4	yellowish brown	sand				X		Discard: brick, glass, shell
3	0.32-0.70	10YR5/4 w/ 2.5Y5/3	yellowish brown w/ light olive brown	sand						Discard: shell

STP: K16										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR2/1	black	sandy loam				X		Discard: glass
2	0.12-0.33	10YR4/4	yellowish brown	sand						Discard: shell
3	0.33-0.48	2.5Y5/4 w/ 2.5Y5/3	light olive brown						X	

STP: K17										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.23	10YR4/4	dark yellowish brown	sand				X		Discard: brick
2	0.23-0.45	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand						Discard: shell

STP: K18										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.39	10YR2/1	black	sandy loam				X		Discard: glass, shell
2	0.39-0.48	10YR4/4	yellowish brown	sand						Discard: shell
3	0.48-0.62	2.5Y5/4 w/ 2.5Y5/3	light olive brown						X	

STP: K19										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.15	10YR3/4	dark yellowish brown	sandy loam				X		Discard: glass, plastic, shell
2	0.15-0.39	10YR4/4	dark yellowish brown	sand					X	

STP: K20										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR2/1	black	sandy loam				X		Discard: brick, glass, plastic, ceramic, asphalt
2	0.12-0.43	10YR3/4	dark yellowish brown	sandy loam				X		Discard: brick, glass, plastic, ceramic, asphalt

STP: K21										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.27	10YR2/1	black	sandy loam				X		Discard: brick, shell, plastic, glass; Rock Impasse

STP: L1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.08	10YR4/3	yellowish brown	loamy sand				X		Discard: ceramic
2	0.08-0.27	10YR5/6	yellowish brown	medium sand	40% small pebbles				X	
3	0.27-0.48	10YR4/2	dark grayish brown	sand	20% pebbles			X		Discard: ceramic, concrete, asphalt

STP: L2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR3/2	very dark grayish brown	silty sandy loam				X		Discard: metal, glass
2	0.17-0.32	10YR3/6	dark yellowish brown	medium sand	10% gravel			X		Discard: concrete, asphalt
3	0.32-0.50	10YR3/3	dark brown	medium sand				X		Discard: rubber
4	0.50-0.56	10YR4/2	dark grayish brown	medium sand					X	
5	0.56-0.61	10YR2/2	very dark brown	fine sand					X	

STP: L3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR2/2	very dark brown	silty sandy loam					X	Offset 6 meters northwest
2	0.09-0.38	10YR4/6	dark yellowish brown	medium sand				X		Discard: glass, metal, brick, concrete
3	0.38-0.50	10YR3/4	dark yellowish brown	coarse sand				X		Discard: asphalt

STP: L4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.20	10YR2/1	black	silty sandy loam					X	
2	0.20-0.37	2.5Y5/4	light olive brown	fine sand					X	
3	0.37-0.72	10YR3/4	dark yellowish brown	fine sand					X	
4	0.72-0.80	7.5YR4/4	brown	fine sand					X	Moist

STP: L5										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.20	10YR2/1	black	silty sand				X		Discard: slag
2	0.20-0.68	10YR6/6	brownish yellow	fine sand					X	
3	0.68-0.75	10YR3/6	dark yellowish brown	fine sand					X	

STP: L6										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.13	10YR3/3	dark brown	sandy loam				X		Discard: glass, Styrofoam, plastic
2	0.13-0.24	10YR5/3	brown	fine sand					X	
3	0.24-0.38	10YR5/4	yellowish brown	sand					X	Moist
4	0.38-0.46	10YR5/2	grayish brown	medium sand					X	

STP: L7										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.06	10YR3/3	dark brown	loamy sand						Discard: shell
2	0.06-0.52	10YR5/4	yellowish brown	fine sand					X	
3	0.52-0.65	10YR6/2	light brownish gray	sand					X	

STP: L8										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR2/1	black	sandy loam						Discard: shell
2	0.14-0.35	10YR5/6	yellowish brown	sand						Discard: shell
3	0.35-0.49	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: L9										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.06	10YR3/3	dark brown	loamy sand						Discard: shell
2	0.06-0.52	10YR5/4	yellowish brown	fine sand					X	
3	0.52-0.65	10YR6/2	light brownish gray	sand					X	

STP: L10										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam				X		Discard: metal, plastic, shell
2	0.10-0.58	10YR5/6	yellowish brown	sand				X		Discard: shell
3	0.58-0.70	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: L11										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.09	10YR3/3	dark brown	loamy sand					X	
2	0.09-0.35	10YR5/4	yellowish brown	fine sand					X	
3	0.35-0.66	10YR5/2	grayish brown	sand					X	

STP: L12										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam					X	
2	0.10-0.28	10YR5/4	yellowish brown	sand					X	
3	0.28-0.43	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: L13										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.18	10YR2/2	very dark brown	silty sandy loam						Discard: shell
2	0.18-0.40	10YR3/4	dark yellowish brown	silty sand				X		Discard: glass, metal
3	0.40-0.58	10YR4/4	dark yellowish brown	fine sand					X	

STP: L14										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.19	10YR3/2	very dark grayish brown	silty sandy loam					X	
2	0.19-0.31	10YR5/4	yellowish brown	fine sand				X		Discard: glass, metal, shell
3	0.31-0.49	7.5YR5/6	strong brown	fine sand					X	
4	0.49-0.61	10YR6/3	pale brown	fine sand					X	Moist

STP: L15										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.18	10YR2/1	black	sandy loam				X		Discard: plastic, shell
2	0.18-0.30	10YR4/4	dark yellowish brown	sand				X		Discard: glass, metal, ceramic, brick
3	0.30-0.61	10YR5/4 w/ 2.5Y5/3	yellowish brown w/ light olive brown	sand					X	
4	0.61-0.83	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: L16										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam						Discard: shell
2	0.10-0.29	10YR4/4	yellowish brown	sand						Discard: shell
3	0.29-0.45	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: L17										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.20	10YR4/4	dark yellowish brown	sandy loam				X		Discard: brick, shell
2	0.20-0.40	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: L18										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.40	10YR2/1	black	sandy loam				X		Discard: glass, shell
2	0.40-0.51	10YR4/4	dark yellowish brown	sand						Discard: shell
3	0.51-0.61	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: L19										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR3/4	dark yellowish brown	sandy loam				X		Discard: glass, ceramic, asphalt, foil, 1968 penny
2	0.16-0.37	10YR3/3	dark brown	sandy loam				X		Discard: metal

STP: M1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.22	10YR3/3	dark brown	silty sandy loam				X		Discard: brick, plastic, slag, coal, wood
2	0.22-0.76	10YR2/1	black	silty coarse sand				X		Discard: brick, plastic, slag, coal, wood, shattered flint ballast; Fill
3	0.76-0.97	10YR3/2	very dark grayish brown	silty sandy loam				X		Discard: brick, plastic, slag, coal, wood, shattered flint ballast; Fill; Buried A-Too deep to continue

STP: M2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR4/6	dark yellowish brown	sand					X	
2	0.10-0.65	10YR3/3	dark brown	loamy sand				X		Discard: glass, plastic
3	0.65-0.77	10YR2/2	very dark brown	loamy sand					X	
4	0.77-0.84	10YR3/4	dark yellowish brown	sandy silt					X	

STP: M3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.15	10YR2/2	very dark brown	silty sand				X		Discard: glass
2	0.15-0.42	10YR3/3	dark brown	fine sand				X		Discard: ceramic
3	0.42-0.58	10YR3/6	dark yellowish brown	fine sand					X	

STP: M4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR3/1	very dark gray	sandy loam				X		Discard: plastic, paper
2	0.14-0.29	7.5Y4/4 w/ 10YR3/1	brown mottled w/ very dark gray					X		Discard: glass, shell brick
3	0.29-0.44	7.5YR5/8	yellowish brown	sand				X		Discard: large concrete chunk
4	0.44-0.54	10YR3/1	very dark gray	sandy loam					X	
5	0.54-0.68	10YR3/4	dark yellowish brown	coarse sand					X	

STP: M5										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.30	10YR2/1	black	silty sand				X		Discard: plastic, glass, brick, shell
2	0.30-0.65	10YR5/6	yellowish brown	sand					X	

STP: M6										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR2/1	black	sandy loam				X		Discard: glass, ceramic, bone, shell, brick, Styrofoam
2	0.17-0.30	10YR5/6 w/ 10YR3/1	yellowish brown w/ very dark gray					X		Discard: glass, ceramic, bone, shell, brick, Styrofoam
3	0.30-0.52	2.5Y5/4	light olive brown	sand					X	

STP: M7										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.12	10YR3/4	dark yellowish brown	sandy silty loam				X		Discard: brick
2	0.12-0.26	10YR4/6	dark yellowish brown	fine sand					X	
3	0.26-0.64	10YR3/3	dark brown	loamy sand					X	
4	0.64-0.75	10YR3/4	dark yellowish brown	sand					X	

STP: M8										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR2/2	very dark brown	sandy loam				X		Discard: glass
2	0.11-0.24	10YR5/4	yellowish brown	fine sand				X		Discard: metal hinge
3	0.24-0.59	7.5YR5/6	strong brown	medium sand					X	Moist
4	0.59-0.70	Gley 1 4/N	dark gray						X	

STP: M9										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam				X		Discard: brick glass, shell
2	0.10-0.37	10YR4/4	dark yellowish brown	sand					X	

STP: M10										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.15	10YR2/1	black	sandy loam				X		Discard: glass
2	0.15-0.24	10YR3/4	dark yellowish brown	sand					X	
3	0.24-0.41								X	Asphalt
4	0.41-0.54	2.5Y5/6	light olive brown	sand					X	

STP: M11										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.17	10YR4/4	dark yellowish brown	sandy loam					X	
2	0.17-0.34	10YR5/6	yellowish brown	sand					X	
3	0.34-0.50	2.5Y5/4 w/ 2.5Y5/2	light olive brown w/ grayish brown	sand					X	

STP: M12										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam					X	
2	0.10-0.30	10YR5/6	yellowish brown	sand					X	
3	0.30-0.46	2.5Y5/4 w/ 2.5Y5/2	light olive brown w/ grayish brown	sand					X	

STP: M13										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam						Discard: shell
2	0.10-0.20	10YR4/4	yellowish brown	sand						Discard: shell
3	0.20-0.33	10YR5/6	yellowish brown	sand					X	
4	0.33-0.53	7.5YR5/4 w/ 7.5YR5/2	brown						X	

STP: M14										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam						Discard: shell
2	0.10-0.30	10YR4/4	yellowish brown	sand					X	
3	0.30-0.38	2.5Y6/4	light yellowish brown	sand					X	
4	0.38-0.51	7.5YR5/4 w/ 7.5YR5/2	brown	sand					X	

STP: M15										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR4/4	brown	sandy loam				X		Discard: shell, ceramic, tile
2	0.14-0.21	10YR5/6	yellowish brown	sand				X		Discard: shell, ceramic, tile
3	0.21-0.50	7.5YR5/4 w/ 7.5YR5/2	brown	sand					X	

STP: M16										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.10	10YR2/1	black	sandy loam				X		Discard: shell, architectural glass
2	0.10-0.29	10YR4/6	yellowish brown	coarse sand					X	
3	0.29-0.48	10YR5/4	yellowish brown	coarse sand					X	
4	0.48-0.56	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: M17										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.25	10YR4/6	yellowish brown	sandy loam				X		Discard: shell, brick, metal, glass
2	0.25-0.33	10YR5/4	yellowish brown	sand				X		Discard: shell, brick, metal, glass
3	0.33-0.47	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand					X	

STP: M18										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.08	10YR2/1	black	sandy loam					X	
2	0.08-0.43	10YR3/4	dark yellowish brown	sandy loam				X		Discard: brick, glass, ceramic, shell, asphalt; Concrete Surface Impasse

STP: N1										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.20	10YR3/2	very dark grayish brown	silty sand	90% gravel			X		Discard: glass, nails; Fill
2	0.20-0.30	10YR3/2	very dark grayish brown	silty sand					X	
3	0.30-0.51	10YR5/8	yellowish brown	medium sand					X	STP lies in construction area for fence

STP: N2										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.34	10YR4/2 w/ 10YR5/8	dark grayish brown w/ yellowish brown	sandy loam				X		Discard: glass, ceramic, plastic, aluminum can
2	0.34-0.53	10YR4/3	brown	sandy loam				X		Discard: plastic, brick

STP: N3										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0.53-0.70	7.5YR5/6	strong brown	sandy loam					X	

STP: N4										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.06	10YR3/1	very dark gray	sandy loam				X		Discard: glass, plastic
2	0.06-0.11	10YR2/1	black	sandy loam				X		Discard: glass, plastic
3	0.11-0.20	10YR3/4	dark yellowish brown	sand					X	
4	0.20-0.23	10YR2/1	black	sand					X	
5	0.23-0.30	2.5Y5/4	light olive brown	sand					X	
6	0.30-0.35	10YR3/4 w/ 10YR2/1	dark yellowish brown w/ black	sand					X	
7	0.35-0.46	10YR3/2	very dark grayish brown	fine sand					X	
8	0.46-0.90	2.5Y3/1	dark reddish brown	sand					X	

STP: N5										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.08	10YR3/3	dark brown	silty sand				X		Discard: plastic, glass
2	0.08-0.17	10YR2/1	black	silty sand					X	
3	0.17-0.27	10YR3/2	very dark grayish brown	silty sand					X	
4	0.27-0.65	10YR3/4	dark yellowish brown	sand					X	
5	0.65-0.72	10YR3/2	very dark grayish brown	fine sand					X	

STP: N6										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.03	10YR2/1	black	sandy loam				X		Discard: glass, shell
2	0.03-0.09	10YR5/6	yellowish brown	sand				X		Discard: glass, shell
3	0.09-0.38	2.5Y5/4 w/ 2.5Y5/3	light olive brown	sand				X		Discard: glass, shell
4	0.38-0.80	10YR3/4	dark yellowish brown	coarse sand				X		Discard: glass, shell

STP: N7										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR4/3	brown	fine sand				X		Discard: plastic, shell
2	0.14-0.25	10YR5/4	yellowish brown	sand					X	
3	0.25-0.55	10YR3/3	dark brown	sand					X	Moist
4	0.55-0.70	10YR3/2	very dark grayish brown	sand					X	

STP: N8										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR2/1	black	sandy loam				X		Discard: glass, plastic; Offset 3 meters South
2	0.11-0.18	7.5YR3/4	dark brown	sand				X		Discard: glass, plastic; Offset 3 meters South
3	0.18-0.76	2.5Y5/4	light olive brown	sand					X	
4	0.76-0.82	10YR3/2	very dark grayish brown	silty sand					X	

STP: N9										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.15	10YR2/2	very dark brown	sandy loam				X		Discard: glass, metal, plastic
2	0.15-0.60	10YR4/6	dark yellowish brown	sand					X	
3	0.60-0.84	10YR5/4	yellowish brown	sand					X	

STP: N10										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.34	10YR4/6	yellowish brown	sandy loam					X	
2	0.34-0.53	10YR5/4	yellowish brown	sand					X	
3	0.53-1.24	10YR3/2	very dark grayish brown	sand					X	
4	1.24-1.34	2.5Y5/4 w/ 2.5Y5/2	light olive brown banded w/ grayish brown	sand					X	

STP: N11										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.14	10YR2/1	black	sandy loam				X		Discard: glass, ceramic, plastic, landscaping cloth
2	0.14-0.35	10YR3/4	dark yellowish brown	loamy sand				X		Discard: glass, ceramic, plastic
3	0.35-0.42	2.5Y5/4	light olive brown	sand					X	
4	0.42-0.54	7.5YR5/2	very dark brown	loamy sand					X	
5	0.54-0.73	10YR4/6	dark yellowish brown	sand					X	Auger at 0.61 meters
6	0.73-1.15	10YR2/1	black	clay loam					X	

STP: N12										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.16	10YR3/2	very dark grayish brown	sandy loam				X		Discard: glass, shell, plastic, ceramic, brick, asphalt
2	0.16-0.33	10YR3/4	dark yellowish brown	loamy sand				X		Discard: glass, shell, plastic, ceramic, brick, asphalt
3	0.33-0.47	2.5YR5/2	grayish brown	fine sand					X	
4	0.47-0.70	7.5YR3/3	dark brown	sand					X	
5	0.70-0.98	10YR6/2	light grayish brown	sand					X	

STP: N13										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.06	10YR2/1	black	loamy sand				X		Discard: glass, plastic, nail, ceramic, tile
2	0.06-0.38	10YR3/4	dark yellowish brown	loamy sand				X		Discard: glass, plastic, nail, ceramic, tile
3	0.38-0.45	2.5Y5/2	grayish brown	fine sand					X	
4	0.45-0.50	7.5YR3/3	dark brown	sand					X	
5	0.50-0.65	10YR6/2	light grayish brown	sand					X	

STP: N14										
Stratum	Depth (m)	Munsell	Color	Texture	Coarse fraction	NCM	P	H	M	Comments
1	0-0.11	10YR2/1	black	sandy loam				X		Discard: brick, glass, ceramic; Fill
2	0.11-0.30	10YR3/4	dark yellowish brown	sandy loam				X		Discard: decorative window glass; Fill; concrete Impasse