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January 27, 1999

Mr. Douglas J. Tomchuk
US Environmental Protection Agency
Emergency & Remedial Response Div.
290 Broadway - 20th floor
New York, NY 10007-1866

RE: Hudson River Data Documentation Report – 1998 Sediment Sampling Results

Dear Mr. Tomchuk:

During the summer of 1998, GE undertook a major data collection program to characterize current PCB levels in sediments throughout the upper Hudson River. The work plan (June 12, 1998) and the work plan addendum (August 21, 1998) were forwarded to you and your input was solicited. Comments on this effort were not provided by the U.S. EPA.

Enclosed is a report entitled: **1998 Upper Hudson River Sediment Sampling Program** (O'Brien & Gere Engineers-January 1999). This documentation report provides a compilation of the data collected, a description of the methods used to generate the data, and a quality assurance/quality control review of the data.

GE urges U.S. EPA to use this data in the PCB fate and transport modeling being conducted by Limno-Tech, and to critically evaluate the conclusions regarding the fate of PCBs in sediments recently offered by TAMs in the Low Resolution Coring (LRC) Report. These data reinforce a number of points made by GE in its comments on the LRC Report, specifically:

- PCBs are being buried by the deposition of clean solids within the cohesive sediment regions of the river as indicated by ^{137}Cs and ^{7}Be concentrations within the surficial sediments as well as observed PCB profiles within finely segmented sediment cores;

- PCB composition indices including total chlorines per biphenyl, molar dechlorination product ratio, and select congener ratios indicate surficial sediment PCBs are derived from a non-dechlorinated PCB source such as that originating from the plant site region and not the highly altered PCBs found at depth in the sediments;

- there is no evidence of significant reductions in sediment PCB inventory within Thompson Island Pool (TIP) between the 1994 and 1998 nor the 1991 and 1998 data sets; and

- the composition of the PCB load from the TIP is consistent with a surface sediment source and known fate and transport mechanisms (i.e., partitioning and pore water diffusion under low flow and surface sediment resuspension during high flow).

Let me know if you have any questions. We would be glad to meet with you and your contractor team to review this data at your convenience. Please place a copy of this letter and the report in the Hudson River site administrative record.

Yours truly,

John Haggard/kmm

John G. Haggard

Enclosures: (as indicated; Note to "full report" recipients - individually bound appendices shipped under separate cover)

cc: William Ports (NYDEC) *Report - 2 copies*
William Daigle (NYDEC) *Letter only*
Al D'Bernardo (TAMs) *Report – 1 copy*
Vic Bierman (LimnoTech) *Report - 2 copies*
Jon Butcher (TetraTech) *Report - 1 copy*
Douglas Fischer (U.S. EPA) *Letter only*
Jay Field (NOAA) *Report - 2 copies*
Lisa Rosman (NOAA) *Report - 1 copy*
Anton Giedt (NOAA) *Letter only*
Richard Bopp (RPI) *Report - 1 copy*
John Dergosits (NY Thruway Authority) *Report - 1 copy*

FINAL REPORT

1998 Upper Hudson River Sediment Coring Program



General Electric Company
Corporate Environmental Programs
Albany, New York

January 1999



O'BRIEN & GERE
ENGINEERS, INC.

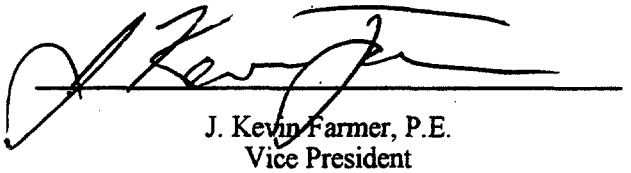
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Final Report

1998 Upper Hudson River Sediment Coring Program

General Electric Company
Corporate Environmental Programs
Albany, New York



J. Kevin Farmer, P.E.
Vice President

January 1999

O'Brien & Gere Engineers, Inc.
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E Data validation technical memorandum
F PCB data packages *(bound separately)*
G Additional data packages *(bound separately)*

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1. Introduction

On behalf of the General Electric Company (General Electric), O'Brien & Gere Engineers, Inc. (O'Brien & Gere) and Quantitative Environmental Analysis, LLC (QEA) conducted sediment sampling and analysis activities in the upper Hudson River during the summer of 1998 (Figure 1-1). The majority of samples were obtained in the Thompson Island Pool.

This report presents the project background, program objectives, sampling and analysis methods, and analytical data generated during the *1998 Upper Hudson River Sediment Coring Program* (QEA and O'Brien & Gere 1998).

1.1. Project background

Between 1976 and 1978, the New York State Department of Environmental Conservation (NYSDEC) conducted several sediment sampling surveys in the Hudson River to estimate the extent of PCBs in the river bed (Tofflemire and Quinn 1979). Based on the results of the survey, NYSDEC identified forty PCB "hot spots" (sediment areas containing more than 50 parts per million [ppm] total PCB), the majority of which were located in the Thompson Island Pool between Hudson River mile (HRM) 188.5 and HRM 194 (Figure 1-1).

In 1984, NYSDEC conducted another sediment survey that focused on previously delineated "hot spots" within the Thompson Island Pool (Brown *et al.* 1988). The objectives of the 1984 survey were to confirm the results of the 1976-1978 survey, and to further define areas for possible dredging.

Also in 1984, the U.S. Environmental Protection Agency (USEPA) issued a Record of Decision (ROD) for the upper Hudson River PCB Superfund Site (USEPA 1984). In addition to other actions, the ROD recommended that no action be undertaken to remediate sediment-bound PCBs in the upper Hudson River below Fort Edward. In 1989, USEPA announced that it would reassess its 1984 No Action decision concerning PCB-contaminated sediments in the upper Hudson River. This *Reassessment Remedial Investigation and Feasibility Study* (RRI/FS), involved a number of sediment sampling tasks (USEPA 1992).

In 1994, USEPA conducted a sampling effort within the Thompson Island Pool, referred to as low resolution coring[1], to estimate PCB inventories within the sediments of the upper Hudson River (USEPA 1992). As part of this sediment sampling effort, low-resolution cores were collected from many of the 1984 NYSDEC Thompson Island Pool sediment sampling stations. Of the seventy-five low-resolution cores collected within the Thompson Island Pool, forty-three were within 5 ft of a location sampled by NYSDEC in 1984. Comparison of these forty-three sample pairs suggested that since 1984, apparent reductions in surface sediment PCB concentrations have occurred in several regions of the Thompson Island Pool (QEA and O'Brien & Gere 1998). One interpretation of this observation is that flow-induced scour has removed solids and associated PCBs from the sediment profile. However, some of the observed reductions occurred in regions of the river that are not believed to be subject to scour, based on long-term sediment transport simulations (QEA1998). There are three possible alternative interpretations regarding the cause of the observed reductions:

- Spatial heterogeneity in surface sediment PCB levels may account for observed differences.
- Sediment sampling and PCB analytical techniques used for the 1984 and 1994 sampling events may have differed.
- Surface sediment PCB concentrations may have changed as a result of deposition of clean materials.

The *1998 Upper Hudson River Sediment Coring Program* focused sampling and analysis efforts within specific regions of the pool that exhibited apparent reductions in PCB concentrations between 1984 and 1994. These data should provide additional insight into the mechanisms(s) responsible for observed differences in sediment PCB profiles (QEA 1998).

The *1998 Upper Hudson River Sediment Coring Program* also included a broad-scale sediment sampling effort to evaluate changes in surface sediment PCB levels since the 1991 survey conducted by O'Brien & Gere (O'Brien & Gere 1993). The principal objective of the 1991 investigation was to provide sufficient data to estimate mean concentrations of PCBs in sediment and pore water over 1- to 2-mile intervals of the upper Hudson River. This investigation included collecting and analyzing sediment samples composited over 1- to 2-mile river reaches at specific depth intervals. PCBs in these samples were

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1 USEPA performed low resolution and high resolution coring, which were distinguished by the thickness of the sediment sections analyzed.

quantified using congener-specific analytical methods to evaluate physical and chemical changes in PCB composition (*e.g.*, due to biodegradation and phase partitioning), as well as fate and transport mechanisms (O'Brien & Gere 1993). The 1998 broad-scale investigation duplicated the methodology of the 1991 sampling event.

Over the 7-year period since the 1991 large-scale sediment sampling program, several events have occurred that may have affected surface sediment PCB levels:

- Allen Mill PCB loading events occurred in 1991 and 1992 (O'Brien & Gere 1994).
- Allen Mill PCB loadings were mitigated (O'Brien & Gere 1996).
- Hudson Falls ground water discharges and PCB dense non-aqueous phase liquid (DNAPL) seeps to the river were controlled (O'Brien & Gere 1996, General Electric 1998).
- Deposition of clean sediment continues.
- A 5-year return frequency (28,000 cfs), high flow event occurred in April 1993.
- A 15-year (35,000 cfs) and a 5-year (35,000 cfs) return frequency, high flow event occurred in January and June 1998, respectively.

Consequently these events may have affected fish exposure levels, and sediment/water column exchange as well. The broad-scale sediment sampling provides an additional set of data to calibrate General Electric's and USEPA's mathematical models of PCB fate, transport, and bioaccumulation, which should enhance the reliability of modeled predictions for both the river's natural recovery rate and the impact of remedial action (QEA 1998).

1.2. Program objectives

There were two principal objectives of the *1998 Upper Hudson River Sediment Coring Program*:

- Investigate regions of the river to further evaluate the apparent reduction in surface sediment PCB concentrations from 1984 to 1994 (QEA 1998).

- Provide data on the broad-scale changes in surface sediment PCB concentrations since the last extensive sediment sampling program was conducted in 1991 (QEA 1998, O'Brien & Gere 1993).

There were also four corollary objectives:

- Evaluate the impact of spatial heterogeneity on the comparison of 1984 and 1994 sediment PCB concentrations in cores collected from the same location.

- Assess changes in surface sediment PCB levels between 1994 and 1998 from those regions exhibiting an apparent reduction in PCB concentration between 1984 and 1994.

- Assess the impact of the 1991-1992 Allen Mill PCB loading event on surface sediment PCB concentrations.

- Document recovery of surface sediment PCB levels following control of the Allen Mill and other plant site sources.

1.3. Approach

The *1998 Upper Hudson River Sediment Coring Program* comprised three subprograms, consisting of focused sediment coring, broad-scale surface sediment survey, and Cesium-137 (^{137}Cs) coring investigations. For each subprogram, these efforts are discussed separately in the following sections.

1.3.1. Focused sediment coring

The focused sediment coring consisted of collecting closely-spaced cores within regions of the pool that exhibited reductions in surface sediment PCB concentrations between 1984 and 1994 (Figure 1-2). These cores were located within 2 to 4 ft of the reported 1994 locations using differential Global Positioning System (GPS) technology (see Section 2.1). The cores were collected and analyzed for PCBs using techniques comparable to those used for the 1994 effort (USEPA 1992).

These data will be used to evaluate the impact of spatial heterogeneity when compared with historical data collected from approximately the same locations. In addition, apparent reduction in surface sediment PCB concentrations over time will be assessed using these data (QEA 1998).

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1.3.2. Broad-scale surface sediment survey

The broad-scale surface sediment survey included collecting and compositing surface sediments from locations sampled during the 1991 sediment survey sponsored by General Electric (O'Brien & Gere 1993; Figure 1-3). Cores were collected within 2 to 4 ft of the original sampling stations with the aid of differential GPS (Section 2-1). Target locations included contiguous regions of like grain size, as identified from sediment bed maps, within the vicinity of several areas identified as "hot spots" by NYSDEC in 1976 (QEA 1998).

Broad-scale surface sediment survey data will be used to assess changes in surface sediment PCB levels since 1991, including the impacts of the 1991-1992 Allen Mill loading event on surface sediments, as well as the impact of subsequent plant site remedial actions.

1.3.3. ^{137}Cs coring investigation

The ^{137}Cs coring investigation included the collection and fine segmentation of cores from previously sampled depositional regions of the Thompson Island Pool (Figure 1-4). Three cores were collected from the USEPA's 1992 high resolution coring sites that yielded interpretable ^{137}Cs depth profiles. These cores were finely segmented and analyzed for ^{137}Cs and PCBs to develop a chronology of surface sediment PCB concentrations.

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2. Methods

The *1998 Upper Hudson River Sediment Coring Program* consisted of three sampling efforts, as described in Chapter 1. The following sections provide descriptions of:

- general procedures (Section 2.1)
- focused sediment coring investigation (Section 2.2)
- broad scale surface sediment survey (Section 2.3)
- ^{137}Cs sediment coring investigation (Section 2.4)
- sample handling (Section 2.5)
- field equipment cleaning (Section 2.6)
- quality assurance/quality control (QA/QC) (Section 2.7)
- health and safety (Section 2.8)
- data validation (Section 2.9).

2.1. General procedures

The sediment coring procedures followed the standard operating procedures presented in the Field Sampling Plan (QEA and O'Brien & Gere 1998). The following subsections describe the general procedures used to collect, process and analyze samples for the three subprograms. Specific details related to the individual subprograms are presented in Sections 2.2, 2.3 and 2.4.

2.1.1. Identification of sediment core locations using GPS

Sediment core locations were identified in the field using a differential GPS system (Appendix A). This system consisted of a twelve-channel, integrated, roving GPS/ Real Time receiver, which utilized a code and phase broadcast from a remote location of known coordinates, in conjunction with signals received from multiple satellites. The closest HARN (Highway Accuracy Reference Network) control point to the upper Hudson is in Fort Miller, New York. This type of system provides location information within 1 to 2 ft of the actual coordinates.

GPS uses timing signals to compute position. The GPS system used for this effort consisted of a stationary base station set up on a known shore coordinate, and a roving receiver unit stationed on the pontoon boat over the

sampling position. Several base stations were used for the project, as appropriate to the areas sampled for a given day (Appendix A). The base station used its known position to back-calculate timing while simultaneously receiving actual timing signals from the satellites. The roving receiver recorded its current position using the same timing signals collected by the base station. The data collected by the base station and rover allowed the sampling crew to obtain real-time positioning information to locate the target sampling stations (Appendix A). The target sampling stations were derived from northing and easting coordinates developed by a USEPA survey (USEPA 1995). The accuracy of the rover measurement was checked against a known location each day (Appendix A).

2.1.2. Collection of sediment core samples

The core samples were collected from a 24-ft pontoon boat equipped with a 50-HP engine (Appendix B). The pontoon boat was equipped with a 15-ft high tripod to facilitate core handling, as well as with anchoring spuds to stabilize the boat's position once on-station at the pre-defined sampling locations.

Coring procedures followed the standard operating procedures outlined in the Field Sampling Plan (QEA and O'Brien & Gere 1998). Cores were collected through openings in the floor of the pontoon boat by manually advancing the sediment core tube into the sediments to the maximum depth achievable. Once maximum penetration was achieved, the cores were retrieved from the sediment. Generally, the cores were processed upon collection. Otherwise, they were stored on the pontoon boat in a vertical position until prepared for field processing. Throughout the coring process, sampling information was recorded in field logs (Appendix C).

2.1.3. Sediment core processing

Once the cores were collected, sample processing was performed on the pontoon boat. General core descriptions were recorded on field logs (Appendix C). Sediment samples were extruded from the core tubes using an extrusion device (Appendix B). A section of polycarbonate core tubing cut to the desired sample interval length was placed on top of the sample core tube to retain the sample as it was extruded. Then, a taping knife was inserted and the extruded core section was removed (Appendix B). Additional details of sample segmentation are presented in the subsections that follow, specific to each of the three programs. Sediment textures were classified according to the sediment grain size description key and were recorded on the field log (Appendix C). The specific segmentation procedures followed the requirements of the individual effort, as described in Sections 2.2, 2.3 and 2.4.

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2.1.4. PCB analytical method

As with the sediment samples collected from Thompson Island Pool in 1991, special analytical procedures were required to account for alterations in PCB congener distributions resulting from anaerobic dechlorination. Sediment samples collected from Thompson Island Pool in 1991 exhibited elevated levels of DB-1 peak 5, which contains the dechlorination end products 2-2' and 2-6 dichlorobiphenyl. To account for elevated levels of these congeners in the 1998 sediment samples, an independent peak 5 calibration was performed. A standard consisting of congeners 2-2' and 2-6 dichlorobiphenyl at a ratio of 4:1 supplemented the Green Bay mixed Aroclor calibration standard employed in Method NEA608CAP (HydroQual 1997).

Recent research identified analytical biases in the quantification of PCB congener data generated by Method NEA608CAP (HydroQual 1997). As a result, media-specific coelution error correction factors were developed to adjust the Hudson River PCB data for the analytical biases inherent in Method NEA608CAP (HydroQual 1997). Specifically, the coelution error correction factors developed for Hudson River sediments were applied to the laboratory reported results for DB-1 capillary column Peak 5 (correction factor = 1.37), Peak 8 (correction factor = 0.58) and Peak 14 (correction factor = 2.23). Total PCBs and PCB homolog distributions were recalculated using the coelution error corrected congener peak data. PCB data adjusted for coelution error analytical bias are presented in this report, while the laboratory data packages (Appendix F) present unadjusted data.

2.2. Focused sediment coring

The focused sediment coring consisted of collecting closely spaced cores within regions of the pool that exhibited reductions in surface sediment PCB concentrations between 1984 and 1994.

2.2.1. Sampling locations

The locations for the focused sediment coring are presented in Figure 1-2, the coordinates for which are identified in Appendix A. These locations were selected based on a preliminary evaluation of sediment PCB data from the 1984 NYSDEC survey (Brown *et al.* 1988) and USEPA's 1994 low resolution coring program (USEPA 1995). The focused sediment coring effort

consisted of collecting closely-spaced cores in areas exhibiting reductions in surface sediment PCB concentration between 1984 and 1994 (Table 2-1).

The cores were collected from approximately the same locations as the 1994 USEPA cores, in six of the 1984 NYSDEC "hot spot" areas of the upper Hudson River:

1984 NYSDEC "hot spot" ID	Approx. HRM	Location Description	No. of cores		
			Primary	Cluster	Total
8	191.5	east shore	7	4	11
9	191.3	west shore	5	4	9
14	190.0	center channel	1	4	5
16	189.4	east shore	3	4	7
28	186.0	east shore	4	–	4
37	166.0	west shore	4	–	4
		Totals:	**24**	**16**	**40**

Source: O'Brien & Gere Engineers, Inc.; QEA, LLC.

Not really explained

Two types of cores were collected for the focused sediment coring: primary cores and cluster cores (Figure 2-1). A total of twenty-four primary cores were sampled at areas 8, 9, 14 and 16, as identified above. In addition, cluster core samples were collected to examine small-scale spatial variations in PCB levels within the surficial 25 cm. Sixteen cluster cores were collected in the vicinity of four of the primary cores. Cluster samples, consisting of four cores surrounding a primary core, were collected approximately equidistant from the primary core along a radius of 2 ft. Primary and cluster cores differed in the sample sectioning, as described in Section 2.2.2 below. Coordinates for the individual core locations are provided (Appendix A).

2.2.2. Core collection, segmentation and analysis

Focused sediment coring employed 3-inch diameter aluminum tubes to obtain the cores following standard operating procedures (QEA and O'Brien & Gere 1998). To maintain consistency with the USEPA's 1994 low resolution coring program, the aluminum tubes used to collect the cores were inserted into the sediment with the aid of a portable vibracoring apparatus. Vibracoring allowed greater depth penetration than manual push core techniques.

The primary cores were single deep cores that were segmented into five 1-cm sections for the top 5 cm, an 18-cm segment from 5 to 23 cm, and 23-cm

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segments thereafter to the end of the core (Figure 2-1). For the cluster cores, a single segment was taken from the top 23 cm of the core (Figure 2-1).

Cores collected for groups FS-28 and FS-37 were segmented into 1-cm intervals for the entire length of each core. Analyses were performed on the top 5-cm segments, and every fifth segment thereafter to the end of the core (Figure 2-2). The core segments were extruded and removed from the core as described in Section 2.1.3. Cores segmented at 1-cm intervals were divided into two aliquots: the outer 0.25-in portion of a segment was separated by placing a clean 2.5-in diameter stainless steel ring into the core segment. The material outside the ring was collected and placed into a labeled container for radionuclide analysis.

The 2.5-in diameter center portions were also placed in labeled containers and submitted for congener-specific PCB (Method NEA608CAP, Northeast Analytical 1990), total organic carbon (TOC), moisture content, and bulk density analyses. The 0.25-inch outer portions of the core segments, which remained from the five 1-cm sections taken from the top of the single deep cores, were submitted for ^{137}Cs and ^{7}Be analyses. The remaining core segments (either 18 or 23 cm long) were mixed in a stainless steel bowl prior to placement in labeled containers, and submitted for PCB, TOC moisture content, and bulk density analyses. Analytical methods are presented in Table 2-2.

2.3. Broad-scale surface sediment survey

The broad-scale surface sediment survey included collecting and compositing surface sediment from the locations illustrated in Figure 1-3. These locations were sampled during General Electric's 1991 sediment survey (O'Brien & Gere 1993). Surface sediment composite samples consisted of 0- to 2-cm and 2- to 5-cm sections from multiple cores (Table 2-3, Figure 2-3), described further below. Samples were collected and composited from contiguous regions of like sediment texture, as interpreted from sediment bed maps developed by the USEPA based on sidescan sonar imagery (USEPA 1997, QEA and O'Brien & Gere 1998). For the purposes of this survey, textures for sample composites were categorized as coarse, fine, or coarse/fine transitional regions.

2.3.1. Sampling locations

The sampling locations of the individual cores collected for the broad scale surface sediment survey are consistent with the 1991 General Electric survey locations. Composite samples were formed from three to fourteen individual cores (Appendix D). The broad-scale survey encompassed four general regions of the Thompson Island Pool (Figure 1-3), and consisted of twenty-one composites taken from eight of the 1984 NYSDEC "hot spot" areas:

1984 NYSDEC "hot spot" ID	Texture	Sampling location description	Number of cores analyzed	
			Composites	Individuals
5	coarse	approx. HRM 193.5 to 193.1	1	-
6	coarse	center channel	1	-
	fine	west shore	1	-
	transitional	east shore	1	-
8	fine	west and east shores	3	-
	coarse	center channel	1	-
10	coarse	center channel	1	-
	transitional	western channel	1	-
14	coarse	east bank of Griffin Island	2	-
	fine	east shore of east channel	1	-
	transitional	center channel	1	8
15	coarse	west shore	2	-
	fine[1]	—	-	-
16	fine	east shore	1	-
18	transitional	west shore	1	-
	coarse	west shore	1	-
	coarse	east shore of west channel	1	-
	coarse	500-100 ft upstream of west section of Thompson Island Dam[2]	1	-
	coarse	Champlain Canal	-	1
Total number of cores analyzed			21	9

Note:
[1]Samples were not collected for this composite.
[2]The individual core locations from this final composite were based on 1984 sediment core locations since the 1991 program did not cover this region

Source: O'Brien & Gere Engineers, Inc.; QEA, LLC.

In addition to the composited cores, nine cores were collected and analyzed as individual samples (Figure 1-3). Consistent with the 1991 General Electric survey, a series of eight individual cores was collected from transitional zone sediments along the eastern shore of Griffin Island. In addition, one core that was included in composite group 8F-C3 of the 1991 General Electric survey was resampled in 1998 and analyzed as an individual sample. This core,

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located in the Champlain Canal upstream of Lock 6 near Thompson Island Dam, was isolated from the other cores making up the 1991 composite.

Separating cores from the original composite groups provides for the 1998 composites to be more representative of contiguous sediment deposits. Nevertheless, for comparison purposes, analytical results from these individual samples and the 1998 composites can be used to mathematically construct the 1998 equivalents of the 1991 composite groups. Coordinates for the broad-scale sediment survey core locations are presented in Appendix A.

2.3.2. Core collection, segmentation and analyses

For the majority of the broad-scale surface sediment survey locations, push coring techniques were employed, using polycarbonate tubes. Alternatively, for areas containing coarse shallow sediment, samples were collected using a ponar dredge (Appendix B). Cores collected for the broad-scale surface sediment survey were segmented into two sections: a 0- to 2-cm segment, and a 2- to 5-cm segment (Figure 2-3). Samples collected with the ponar dredge were submitted as surface grab samples. Following segmentation, a controlled volume of individual sample material was combined to form sample composites (Figure 2-3). The number of samples forming a composite sample ranged from three to fourteen (Appendix D). Additionally, several discrete cores were collected under the broad-scale program (Section 2.3.1).

Samples from the broad-scale surface sediment survey were composited on the pontoon boat. Segmentation was performed sequentially for the individual cores within a designated composite group. Material from the center of like depth interval core sections was placed in a stainless steel compositing bowl and thoroughly mixed with a stainless steel spoon (Appendix B). The composited samples were placed in appropriate sample containers for laboratory analysis. Remaining sediment not required for composite analysis was archived as samples for the individual locations. Samples were stored in coolers with ice until they were relinquished to the laboratory. Samples were submitted for congener-specific PCB, TOC, moisture content, and bulk density analyses (Table 2-2).

2.4. ^{137}Cs coring investigation

The ^{137}Cs cores were collected in regions of the Thompson Island Pool that were previously sampled by USEPA for its 1992 high resolution coring program (USEPA 1992). Three deep cores were collected from depositional

zones within the Thompson Island Pool in order to evaluate changes in sediment PCB deposition since 1992.

2.4.1. Sampling locations

Four locations were sampled for ^{137}Cs coring (Figure 1-4), as identified below:

1984 NYSDEC "hot spot" ID	HRM (approximate)	Location Description	No. of cores
–	194.1	CS-01 - eastern channel, near Rogers Island	1
8 (southern portion)	191.2	CS-02 - eastern shore	-
16	189.3	CS-03 - eastern shore, near Moses Kill	1
20	188.5	CS-04 - upstream of eastern channel section of Thompson Island Dam	1

Source: O'Brien & Gere Engineers, Inc.; QEA, LLC.

A core could not be collected at location CS-02 due to the presence of coarse sediment in the riverbed at this location. The coordinates for the ^{137}Cs cores are presented in Appendix A.

2.4.2 Core collection, segmentation and analyses

Push cores were collected for the ^{137}Cs investigation using 3-inch diameter polycarbonate tubes (Appendix B). The ^{137}Cs cores were segmented into 1-cm sections throughout the length of the core (Figure 2-4). Sections submitted for analysis were:

- the top ten 1-cm sections
- one section at each 5-cm interval until the depth of the ^{137}Cs maxima from the corresponding 1992 USEPA core was reached
- 1 cm sections at 10-cm intervals from the ^{137}Cs maxima depth to the bottom of the core.

The total core depths and ^{137}Cs maxima depths for the 1992 USEPA cores are presented in Table 2-4.

Core segments were placed in pre-labeled containers for laboratory analyses. The 2.5-inch diameter center portion of the core segments were separated and submitted for PCB, total organic carbon (TOC), moisture content, and bulk density analyses (Table 2-2). The remaining 0.25-inch outer portion of the core segments were analyzed for radionuclides. The remaining 1-cm sections from the ^{137}Cs cores were archived in laboratory storage in the event that individual analyses are desired in the future.

2.5. Sample handling

Samples were handled according to procedures presented in the QAPP (O'Brien & Gere 1992) and the associated addendum specifically written for this program (QEA and O'Brien & Gere 1998). Samples were assigned a unique sample designation identifying sample location, date and time of sample collection. The unique sample designation incorporated codes that describe the sample program, sample locations keyed to 1976 NYSDEC "hot spot" areas, and additional numbering within sample groups. Sample identifications consisted of three elements:

- two-character sampling program code
- two- to three-digit alphanumeric location code
- one- to three-digit numeric code signifying sample number and group, if applicable.

Samples were chilled with ice to approximately 4°C. Following completion of field activities, samples were transported to Northeast Analytical, Inc. (NEA) for analysis. Standard chain-of-custody procedures were followed, as detailed in the QAPP (O'Brien & Gere 1992) and program-specific addendum (QEA and O'Brien & Gere 1998). Copies of field logs are provided in Appendix C.

2.6. Field equipment cleaning and handling

For each of the sampling tasks, reusable field equipment was cleaned, prior to initiation of field sampling activities, according to procedures presented in the Field Sampling Plan (QEA and O'Brien & Gere 1998). Field procedures for cleaning reusable equipment consisted of six sequential rinse steps:

1. river rinse
2. soapy water rinse
3. DI rinse
4. acetone rinse
5. hexane rinse
6. distilled water rinse.

Core tubes used to collect samples were used once. Following completion of sample processing, the core tubes were rinsed with river water and set aside for proper disposal. Handling of waste material adhered to the guidelines set forth in the Quality Assurance Project Plan (QAPP; O'Brien & Gere 1992) and QAPP Addendum (QEA and O'Brien & Gere 1998).

2.7. Quality assurance/quality control

Quality assurance/quality control (QA/QC) samples were collected according to the requirements of the QAPP (O'Brien & Gere 1992) and program-specific addendum (QEA and O'Brien & Gere 1998). QA/QC samples consisted of matrix spike, matrix spike duplicate, and blind field duplicate samples (Table 2-5), which were collected at a rate of approximately 5% of the total number of samples. The locations of the matrix spike, matrix spike duplicates, and laboratory duplicates were selected by the laboratory. Blind duplicates were selected in the field.

Four equipment blanks were collected as specified by the QAPP addendum; however, some differences from the plan in the timing of equipment blank sampling are noteworthy. The QAPP addendum specified equipment blanks to be collected at the beginning and end of each subprogram. Instead, two types of equipment blanks were collected:

- Two solid matrix equipment blanks were collected by passing granular sodium sulfate through the core tubing. One sodium sulfate equipment blank was collected at the beginning of the *1998 Upper Hudson River Sediment Coring Program*. For that blank, the aluminum tubing used for vibracoring was tested. The other sodium sulfate equipment blank was collected at the end of the sediment coring program and tested the polycarbonate tubing used for the remainder of the program. Throughout the sediment coring program, new tubing was used for each core collected. The samples for each blank were analyzed by Method NEA608CAP.

- Two rinse blanks were also collected at the end of the *1998 Upper Hudson River Sediment Coring Program* to test the reusable sample processing equipment. The rinse blanks consisted of distilled water passed over the stainless steel knives, spoons, and bowls used throughout the program. The rinse blanks were analyzed by USEPA Method 8082 to a detection limit of 11 ng/L.

The data quality objectives included the generation of data of sufficient quality to support both qualitative and quantitative determination regarding the objectives of the sampling program. Following completion of the *1998 Upper Hudson River Sediment Coring Program*, data validation was performed on PCB data to facilitate evaluation of data quality from results of QA/QC sample analyses presented in Section 3. Results of the data validation are provided in the Data Validation Technical Memorandum (Appendix E).

The accuracy and precision of the GPS used to locate the sediment sampling stations were assessed daily by occupying the known benchmarks, recording the GPS-derived location coordinates, and comparing these to the published coordinates for the stations (Appendix A).

2.8. Health and safety

Health and safety requirements for sediment sampling activities performed in 1998 are addressed within the Health & Safety Plan developed for this program (QEA and O'Brien & Gere 1998). Health and safety requirements were included in both the daily and weekly field activity planning meetings. A copy of the Health & Safety Plan was available to field personnel for reference throughout the sampling program.

2.9. Data validation

PCB data collected as part of this program were validated according to procedures outlined in the QAPP (O'Brien & Gere 1992) and the program-specific addendum (QEA and O'Brien & Gere 1998).

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3. Results

Analytical results for the three subprograms of the *1998 Upper Hudson River Sediment Coring Program* are identified in separate sections below. In addition, the following data is presented for the three sampling programs:

- Coordinate data for the sampling locations of the three programs (Appendix A)
- Photographs taken during sampling activities (Appendix B)
- Field logs (Appendix C)
- Broad Scale Sediment Survey individual core location and sediment texture data (Appendix D)
- Data validation technical memorandum (Appendix E)
- PCB laboratory data packages (Appendix F)
- Additional analytical data packages (Appendix G)

3.1. Focused sediment coring

Data collected for the Focused Sediment Coring Program are presented as follows:

- Analytical results, consisting of bulk density, percent moisture, total organic carbon, total PCBs, and radionuclides data, are presented in Table 3-1.
- Total PCB and homolog weight percent distribution results are presented in Table 3-2.
- Site location maps also depicting total PCB analytical data are provided as Figures 3-1 and 3-2.

3.2. Broad-scale surface sediment survey

Data collected for the Broad-scale Surface Sediment Survey are presented as follows:

- Analytical results, consisting of bulk density, percent moisture, total organic carbon, total PCBs, and PCB homolog weight percent distribution data, are presented in Table 3-3.
- Site location maps also depicting total PCB analytical data are provided as Figures 3-3 through 3-7.
- The individual core locations and sediment information for the composite samples are provided in Appendix D.

3.3. ^{137}Cs coring investigation

Data collected for the ^{137}Cs Coring Investigation are presented as follows:

- Analytical results, consisting of bulk density, percent moisture, total organic carbon, total PCBs, and radionuclide data, are presented in Table 3-4.
- Total PCB and homolog weight percent distribution results are provided in Table 3-5.

3.4. Analytical data quality

Overall, the PCB analytical data quality is acceptable for quantitative uses including characterization of PCB concentrations in the sediment of the upper Hudson River. A brief summary of field quality control data and guidance criteria is provided in Table 3-6. Minor data deficiencies identified by the conservative assumptions of data validation guidance are summarized below. A more detailed description of data validation procedures and results is provided in the Data Validation Technical Memorandum (Appendix E). Data qualifiers identified during data validation of PCB sediment data (Appendix E) have been incorporated into the tables and figures of sediment PCB results (Tables 3-1 through 3-5, Figures 3-1 through 3-7).

A total of 423 PCB samples were collected and 219 of the results were approximated (*J*). The approximated data primarily consisted of sample data that were extracted outside holding times:

- 206 samples were extracted outside the 7-day extraction holding time. Generally, these samples were extracted within 14 days of sample collection.

- However, 15 samples were extracted 56 days past the holding time due to field documentation error.

For persistent chemicals such as PCBs, holding time exceedances of this order are not expected to alter the actual PCB concentrations in the sediment.

Approximated sample data also included excursions for surrogate recoveries (6 samples), matrix spike/matrix spike duplicate pair analysis (3 samples), compound identification (2 samples), and duplicate analyses (103 samples). Additional qualifiers consisted of a single sample result that was rejected (*R*) due to PCB quantification outside the retention time window, and 28 samples with reported concentrations near the detection limit that were qualified as undetected (*U*).

Equipment blank concentrations were less than the method detection limit (Table 2-5). Although, the timing of equipment blank collection differed from the description in the QAPP addendum, the actual blank collection should provide a comparable level of quality control (Section 2.7).

Sample data with PCB concentrations less than four times the method detection limit were considered to be less than the practical quantitation limit, and are identified in the results tables and figures as estimates with a *P* qualifier. The *P* qualifier for estimated PCB concentrations is consistent with the water column monitoring programs conducted by General Electric. Data validation identified the data in this PCB concentration range as undetected (*U*) due to the detection of PCBs in equipment and method blank samples of up to 0.07 μg/g. The blank sample concentrations were less than the method detection limit of 1 μg/g (Appendix E).

Sediment sample duplicate results commonly occur outside the data validation guidance criteria due to the heterogeneity of the sample matrix or to analyte concentrations near the detection limit. Such occurrences represent field conditions and do not necessarily indicate analytical difficulties. Matrix spike duplicate pairs (Appendix E) and cluster core results (Table 3-1) provide additional data for this assessment. Small variations in analyte concentrations near the analytical detection limit, 1 μg/g, can also result in duplicate statistics

exceeding the guidance limit. Three of the duplicate results fit this description (Table 3-6). There was no observed evidence of analytical errors that might have contributed duplicate data discrepancies.

In summary, the overall sediment PCB data quality is acceptable for intended uses. Minor data deficiencies that resulted in qualification of data as estimates (J) should not interfere with the interpretation of sediment PCB concentration data. The rejection of one data point (R) is not expected to impact the overall usability of the sediment program data set.

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Table 2-1. Summary of Focused Sediment Coring Program sample quantities.

1976 NYSDEC "Hot Spot"	1994 USEPA Phase 2 Low Resolution Coring		1998 GE Focused Sediment Coring Program						
		Maximum		Core	No. Sections Analyzed (1, 2, 3)				
	Station ID	Depth (cm)	Station ID	Depth	0-5 cm	5-23 cm	23 cm-end	Cluster cores	Total
8	LR-10D	46	FS-08-1	67	5	1	2	-	8
	LR-10C	76	FS-08-2 *	80	5	1	3	4	13
	LR-10B	48	FS-08-3	91	5	1	3	-	9
	LR-10A	61	FS-08-4	67	5	1	2	-	8
	LR-12C	48	FS-08-5	41	5	1	1	-	7
	LR-11C	30	FS-08-6	32	5	1	1	-	7
	LR-11B	46	FS-08-7	45	5	1	1	-	7
9	LR-09F	84	FS-09-1	63	5	1	2	-	8
	LR-09E	56	FS-09-2 *	104	5	1	4	4	14
	LR-09C	66	FS-09-3	77	5	1	3	-	9
	LR-09A	53	FS-09-4	73	5	1	3	-	9
	LR-09D	43	FS-09-5A **	37	5	1	1	-	7
	LR-09D	43	FS-09-5B **	48	5	1	2	-	8
14	LR-04A	84	FS-14-1 *	91	5	1	3	4	13
16	LR-03A	66	FS-16-1 *	66	5	1	2	4	12
	LR-02B	51	FS-16-2	58	5	1	2	-	8
	LR-02A	71	FS-16-3	60	5	1	2	-	8
28	LH-28E	79	FS-28-1	25	5	3	1	-	9
	LH-28I	102	FS-28-2	105	5	3	17	-	25
	LH-28M	137	FS-28-3	70	5	3	10	-	18
	LH-28N	112	FS-28-4	125	5	3	21	-	29
37	LH-37C	53	FS-37-1	75	5	3	11	-	19
	LH-27J	46	FS-37-2	80	5	3	12	-	20
	LH-38K	30	FS-37-3	45	5	3	5	-	13
	LH-37O	69	FS-37-4	95	5	3	15	-	23
			Total number of sections analyzed		125	41 [6]	129 [10]	16	311 [16]

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Table 2-1. *Summary of Focused Sediment Coring Program sample quantities.*

Notes:

(1) Cluster cores consist of four cores located equidistant along a 2-ft radius from the center core.

(2) Samples were analyzed for PCBs, total organic carbon, percent moisture content and bulk density. Samples collected from the 0-5 cm range also were analyzed for radionuclides (Cs137 and Be7). Values in parentheses indicate number of duplicate samples.

(3) Cores from groups FS-28 and FS-37 were segmented in 1-cm intervals for the entire core. Analyses were performed on the top 5-cm segments and every fifth segment thereafter to the end of the core; remaining 1-cm segments were archived.

* Indicates coring station for which cluster cores were collected.

** Location FS-09-5 was sampled twice for the focused coring program: FS-09-A was collected August 13, 1998, and FS-09-5B was collected August 25, 1998 to evaluate results of the August 13, 1998 sample.

Source: O'Brien & Gere Engineers, Inc.

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Table 2-2. Analytical testing

Parameter	Method	Sample jar [1]	Preservation	Holding times	Field QA/QC
SEDIMENT					
PCBs (congener specific)	NEA608CAP	4 oz. glass, 32 oz glass	chilled to approx. 4°C	7 days to extraction, 40 days to analysis	Matrix spike, Duplicate, Equipment blank
Bulk density	(Page, 1982)	4 oz. glass, 32 oz glass	chilled to approx. 4°C	(Not applicable)	Duplicate
Total organic carbon	USEPA 9060	4 oz. glass, 32 oz glass	chilled to approx. 4°C	28 days	Duplicate
Moisture content	(Page, 1982)	4 oz. glass, 32 oz glass	chilled to approx. 4°C	(Not applicable)	Duplicate
^{7}Be	Teledyne Laboratories Standard Operating Procedure	4 oz. glass, 32 oz glass	chilled to approx. 4°C	(Not applicable)	Duplicate
^{137}Cs	Teledyne Laboratories Standard Operating Procedure	4 oz. glass, 32 oz glass	chilled to approx. 4°C	(Not applicable)	Duplicate
WATER					
PCBs	USEPA 8082	1-L glass	chilled to approx. 4°C	7 days to extraction, 40 days to analysis	None

Notes:

(1) Containers equipped with teflon lined caps.

Source: O'Brien & Gere Engineers, Inc.

Table 2-3. *Broad Scale Sediment Survey sample quantities*

1976 NYSDEC hot spot	Samples collected	Analyses performed	1998 GE BS core series	Sediment type	No. of cores in composite	Sections analyzed	Comments
5	5	2	BS-05C-100	Coarse*	5 (1)	2	(1) Sample BS-05C-102 was collected as a grab sample and archived; not included in composite
6	30	5	BS-06F-100	Fine	14	2	(2) Samples for composite BS-06C-300 series were collected as grab samples rather than as core segments due to difficulty with coring in substrate.
			BS-06T-200	Transitional	10	2	
			BS-06C-300	Coarse	6	1 (2)	
8	35	7	BS-08F-100	Fine	11	2	(3) BS-08C-401 was collected as a grab sample and archived; BS-08C-401 was not included in composite.
			BS-08F-200	Fine	10	2 **	
			BS-08F-300	Fine	10	2 **	(4) Samples for composite BS-08C-400 series were collected as grab samples rather than as core segments due to difficulty with coring in substrate.
			BS-08C-400	Coarse	4 (3)	1 (4)	
10	11	3	BS-10T-100	Transitional*	6 (5)	2	(5) Sample BS-10T-107 was not collected due to rocky substrate at sampling station.
			BS-10C-200	Coarse	5	1 (6)	(6) Samples for composite BS-10C-200 series were collected as grab samples rather than as core segments due to difficulty with coring in substrate.
14	38	23	BS-14T-100	Transitional	11	2 **	(7) Samples for composite BS-14T-300 series were collected as individual samples (301 - 308).
			BS-14F-200	Fine	9	2	
			BS-14T-300	Transitional	8 (7)	15 (8)	(8) BS-14T-301 (2-5 cm), -309 and -310 were not collected due to rocky substrate at sampling station.
			BS-14C-400	Coarse*	4 (9)	2	(9) BS-14C-401 was not collected due to rocky substrate at sampling station.
			BS-14C-500	Coarse*	6 (10)	2	(10) BS-14C-507 was collected as a grab sample and archived; BS-14C-507 was not included in composite.
15	15	4	BS-15F-100	Fine	-- (11)	--	(11) Core series BS-15F-100 samples were not collected.
			BS-15C-200	Coarse*	9	2	
			BS-15C-300	Coarse*	6	2	
16	7	2	BS-16F-100	Fine	7	2	

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Table 2-3. *Broad Scale Sediment Survey sample quantities*

1976 NYSDEC hot spot	Samples collected	Analyses performed	1998 GE BS core series	Sediment type	No. of cores in composite	Sections analyzed	Comments
18	19	10	BS-18T-100	Transitional	4	2	(12) BS-18C-201 was collected as a grab sample and archived; BS-18C-201 was not included in composite.
			BS-18C-200	Coarse*	3 (12)	2	
			BS-18C-300	Coarse*	3 (13)	2	(13) BS-18C-303 was collected as a grab sample and archived; BS-18C-303 was not included in composite.
			BS-18C-400	Coarse*	8	2	
			BS-18C-501	Coarse*	1	2	
Totals:	**160**	**56**			**160**	**56**	

Key:

* Indicates that more than half the cores collected for a given composite did not match the anticipated sediment texture type.

** Indicates duplicate sample analyzed.

Source: O'Brien & Gere Engineers, Inc.

315757

Table 2-4. 137-Cesium Coring Program core depths and number of sections analyzed

1998 GE Cesium Coring Program						
	Cesium peak	Core maximum	Number of samples analyzed, listed by core depth			
Station	depth (cm)	depth (cm)	*0-10 cm*	*10 cm-Cs peak*	*Cs peak - end*	*Total*
CS-01	7	70	10	3	5	18
CS-02*	-	-	-	-	-	0
CS-03	30	70	10	4	4	18
CS-04	25	60	10	4	3	17

Notes:

(1) Analyses consisted of PCBs, TOC, 137-Cs, 7-Be, moisture content and bulk density.

* Indicates CS-02 location was not sampled due to absence of fine sediment at this location; coarse material at river bed surface.

Source: O'Brien & Gere Engineers, Inc.

315758

Table 2-5. ***Field sampling PCB quality assurance/quality control***

QA/QC sample type	Purpose	Evaluation procedure	Criteria	1998 TIP sediment results No. of samples	mean
Matrix spike	Evaluate accuracy of PCB quantification in the field media.	Duplicate samples are spiked with a known quantity of analyte by the laboratory. The percent recovery is calculated.	Spike recoveries are expected to be in the 70 to 130 recovery range.	45 2 2	96% <70% >130%
Duplicate	Evaluate the precision of analyses: • matrix spike duplicate (MSD) • blind field duplicate (laboratory does not know the parent sample) • laboratory duplicate (laboratory selected a field sample and performed duplicate analyses)	For data equal to or greater than five times the MDL, [1] a relative percent difference (RPD) is calculated as: RPD = (C1 - C2) / (C1+C2 / 2); where C1 is the original sample and C2 is the duplicate sample. For data less than five times the MDL, the difference is calculated for the original and duplicate samples.	The RPD is expected to be less than 35%. The difference is expected to be less than the value of the MDL (0.1 μg/g)	MSD = blind = lab =	24 14 5 2	6% 17% >35% 14%
Equipment blank	Evaluate sampling equipment for potential interference due to PCB contamination	Sodium sulfate passed through new polycarbonate or aluminum sampling tubes. Each tube was used once. PCBs should not be present above the MDL (approx. 0.1 μg/g). Rinse blanks collected from reusable field equipment (e.g. bowls, knives, spoons) after completion of sampling program. PCBs should not be present in rinse blanks above the MDL (11 ng/l).	Detection of PCBs in the equipment blank results in qualification of the associated field samples. Field sample concentrations <5 times the concentration of the equipment blank are qualified with a "U."	Na_2SO_4 = Rinse[2] =	2 2	<0.1 (μg/g) <11 (ng/l)

Notes:
[1] MDL = method detection limit.
[2] Rinse blanks were analyzed by Method 8082.

Source: O'Brien & Gere Engineers, Inc.

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Table 3-1. Focused sediment coring program - analytical results (1).

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
FS-08-1	6/17/98	0	1	0.44	65.3	62	23	-	0.56	0.15	4.6	1.9
		1	2	0.82	44.6	17	18	-	0.34	0.07	<1.0	
		2	3	0.90	40.6	16	25	-	0.45	0.07	<1.0	
		3	4	0.86	43.1	17	27	-	0.50	0.07	<1.0	
		4	5	0.95	38.8	21	43	-	0.46	0.08	<1.0	
		5	23	0.90	41.6	16	37	-	na		na	
		23	46	0.74	46.1	53	454	-	na		na	
		46	67	0.47	60.3	60	1,056	-	na		na	
FS-08-2	6/22/98	0	1	0.20	81.6	69	30	-	0.89	0.19	4.0	1.9
		1	2	0.30	75.5	48	32	-	0.71	0.13	3.2	1.4
		2	3	0.43	64.4	32	24	-	0.57	0.09	1.9	1.0
		3	4	0.56	56.1	33	25	J	0.65	0.10	<1.0	
		4	5	0.62	52.2	27	28	-	0.65	0.09	<1.0	
		5	23	0.64	51.7	27	90	-	na		na	
		23	46	0.48	60.0	34	785	-	na		na	
		46	69	0.48	60.5	49	67	-	na		na	
		69	80	0.63	53.3	26	0.8	-	na		na	
FS-08-21	6/22/98	0	23	0.54	58.1	36	90	-	na		na	
FS-08-22	6/22/98	0	23	0.53	58.4	26	47	-	na		na	
FS-08-23	6/22/98	0	23	0.49	61.0	36	31	-	na		na	
FS-08-24	6/22/98	0	23	0.60	54.1	30	38	-	na		na	
FS-08-3	6/22/98	0	1	0.86	42.3	9.0	27	-	0.42	0.08	<1.0	
		1	2	1.03	34.5	10	32	-	0.34	0.06	<0.8	
		2	3	1.00	37.0	10	44	-	0.32	0.06	<0.9	
		3	4	0.86	42.3	17	83	-	0.41	0.06	<0.8	
		4	5	0.92	41.3	17	175	-	0.43	0.06	<0.7	
		5	23	0.52	58.1	40	683	-	na		na	
		23	46	1.23	29.7	13	71	-	na		na	
		46	69	1.20	30.1	6.0	0.3	U	na		na	
		69	91	0.97	36.9	<3.7	0.3	U	na		na	
FS-08-4	6/23/98	0	1	0.11	89.0	53	27	-	0.81	0.29	7.9	4.0
		1	2	0.30	71.9	22	20	-	0.70	0.12	2.5	1.5
		2	3	0.49	61.7	16	22	-	0.57	0.11	2.9	1.4
		3	4	0.45	64.6	49	24	-	0.67	0.11	<2.0	
		4	5	0.50	60.4	33	27	-	0.62	0.11	<2.0	
		5	23	0.64	55.5	27	67	-	na		na	
	duplicate	5	23	1.21	54.2	31	84	-	0.37	0.06	<1.0	
		23	46	0.45	64.0	54	681	-	na		na	
		46	67	0.49	60.4	63	14	-	na		na	
FS-08-5	8/12/98	0	1	1.33	17.2	2.8	31	-	0.27	0.06	<0.7	
		1	2	1.14	11.7	2.6	40	-	0.21	0.06	<0.8	
		2	3	1.08	8.1	3.8	39	-	0.19	0.06	<0.8	
		3	4	0.93	7.6	2.5	30	-	0.27	0.06	<0.8	
		4	5	1.13	8.2	2.6	37	-	0.18	0.04	<0.6	
		5	23	1.27	12.0	3.4	18	-	na		na	
		23	41	1.42	10.5	3.7	1.7	-	na		na	

Table 3-1. Focused sediment coring program - analytical results (1).

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
FS-08-6	8/12/98	0	1	0.88	22.3	24	45	-	0.29	0.08	<1.0	
		1	2	0.91	20.9	4.5	48	-	0.24	0.06	<0.8	
		2	3	1.14	14.0	3.8	30	-	0.18	0.05	<0.8	
		3	4	0.92	15.9	<3.0	31	-	0.24	0.06	<0.8	
		4	5	1.10	13.4	<2.4	23	-	0.20	0.05	<0.7	
		5	23	1.21	10.4	<2.2	16	-	na		na	
		23	32	1.28	21.5	5.3	0.2	UP	na		na	
FS-08-7	8/12/98	0	1	1.18	32.0	3.2	5.4	-	0.17	0.04	1.5	0.5
		1	2	1.28	27.9	2.9	8.5	-	0.25	0.06	<0.8	
		2	3	1.27	27.6	6.5	8.4	-	0.14	0.05	<0.8	
		3	4	1.22	30.4	7.6	13	-	0.14	0.05	<0.7	
		4	5	1.10	32.9	7.6	11	-	0.23	0.07	<0.9	
		5	23	1.03	32.1	11	30	-	na		na	
		23	45	0.64	45.7	76	4.0	-	na		na	
FS-09-1	6/23/98	0	1	1.18	31.2	8.4	3.7	-	0.21	0.07	<1.0	
		1	2	1.24	28.0	11	3.9	-	0.22	0.06	<0.9	
		2	3	1.20	29.5	11	3.4	-	0.26	0.05	<0.7	
		3	4	1.19	27.8	6.3	4.1	-	0.28	0.06	<1.0	
		4	5	1.28	26.5	11	6.8	-	0.39	0.08	<1.0	
	duplicate	4	5	-	-	-	-	-	0.33	0.14	<2.0	
		5	23	1.00	36.7	14	45	-	na		na	
		23	46	1.25	28.7	4.2	3.1	-	na		na	
		46	63	1.08	22.0	<3.5	0.3	UJ	na		na	
FS-09-2	6/23/98	0	1	0.62	54.2	11	2.5	-	0.38	0.10	1.8	0.8
		1	2	0.95	39.5	12	2.6	-	0.22	0.07	<1.0	
		2	3	1.09	32.8	14	2.9	-	0.26	0.07	<1.0	
		3	4	1.22	24.1	8.3	3.9	-	0.34	0.08	<1.0	
		4	5	1.20	23.7	9.3	4.3	J	0.31	0.07	<1.0	
	duplicate	4	5	-	-	-	-	-	0.44	0.21	<4.0	
		5	23	1.03	30.5	7.1	14	-	na		na	
		23	46	0.63	49.4	27	515	-	na		na	
		46	69	0.84	33.3	24	122	-	na		na	
		69	92	1.38	22.8	4.7	13	-	na		na	
		92	104	1.30	21.2	<2.7	1.0	-	na		na	
FS-09-21	6/23/98	0	23	1.07	33.1	8.2	6.9	-	na		na	
FS-09-22	6/23/98	0	23	1.08	33.5	8.9	6.2	-	na		na	
FS-09-23	6/23/98	0	23	1.17	32.1	8.2	11	-	na		na	
FS-09-24	6/23/98	0	23	0.94	38.7	11	6.3	-	na		na	
FS-09-3	6/23/98	0	1	0.35	70.5	33	28	-	0.68	0.16	2.6	1.5
		1	2	0.44	64.4	29	8.7	-	0.40	0.08	2.1	1.1
		2	3	0.54	59.4	21	4.6	-	0.56	0.11	<2.0	
		3	4	0.67	50.7	23	5.3	-	0.43	0.08	<1.0	
		4	5	0.90	41.8	19	11	-	0.43	0.07	<1.0	
		5	23	0.71	48.0	26	7.9	-	na		na	
		23	46	0.97	37.6	30	70	-	na		na	
		46	69	0.61	52.8	36	615	-	na		na	
		69	77	0.92	40.1	21	135	-	na		na	
	duplicate	69	77	0.84	42.3	28	160	-	0.32	0.07	<1.0	

Table 3-1. Focused sediment coring program - analytical results (1).

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
FS-09-4	6/23/98	0	1	0.27	76.2	35	7.2	-	0.42	0.12	3.9	1.4
		1	2	0.42	66.1	29	7.8	-	0.55	0.11	2.5	1.3
		2	3	0.60	55.6	26	6.9	-	0.51	0.09	<1.0	
		3	4	0.68	50.2	23	5.3	-	0.47	0.08	<1.0	
		4	5	0.70	48.7	21	6.4	-	0.52	0.10	<2.0	
		5	23	0.82	42.9	17	11	-	na		na	
		23	46	0.76	45.9	14	102	-	na		na	
		46	69	0.67	50.2	33	118	-	na		na	
		69	73	1.03	34.4	22	32	-	na		na	
FS-09-5A	8/13/98	0	1	0.42	66.9	35	640	-	0.39	0.08	1.6	1.2
		1	2	0.54	58.4	30	5.8	-	0.4	0.06	<1.0	
		2	3	0.61	53.8	30	5.4	-	0.35	0.08	<2.0	
		3	4	0.76	47.7	25	4.1	-	0.29	0.06	<1.0	
		4	5	0.78	45.4	18	5.2	-	0.37	0.07	<1.0	
		5	23	1.04	35.1	12	10	-	na		na	
		23	37	0.92	40.3	16	164	-	na		na	
FS-09-5B	8/25/98	0	1	0.51	59.6	31	4.2	J	0.38	0.09	1.2	0.8
		1	2	0.64	53.3	40	3.9	J	0.54	0.11	<1.0	
		2	3	0.95	39.0	24	2.8	J	0.34	0.11	<1.0	
		3	4	0.91	40.0	21	2.1	J	0.34	0.11	<1.0	
		4	5	0.85	42.3	22	4.2	J	0.27	0.06	<0.8	
		5	23	1.00	37.3	14	5.6	J	na		na	
	duplicate	5	23	1.05	34.7	12	4.5	J	na		na	
		23	46	1.18	30.2	9.1	60	J	na		na	
		46	48	1.38	23.7	6.4	0.9	J	na		na	
FS-14-1	6/25/98	0	1	0.88	42.6	12	12	-	0.43	0.08	<0.7	
		1	2	1.07	32.8	8.5	25	-	0.41	0.07	<1.0	
		2	3	1.21	31.0	7.8	26	-	0.35	0.07	<1.0	
		3	4	1.15	31.8	6.3	100	-	0.37	0.08	<1.0	
		4	5	0.96	38.6	15	375	-	0.87	0.12	<1.0	
		5	23	0.40	61.5	33	1,109	-	na		na	
		23	46	0.63	45.8	50	16	-	na		na	
		46	69	1.03	30.8	4.6	0.5	-	na		na	
		69	91	0.83	26.5	5.9	0.3	UP	na		na	
FS-14-11	6/25/98	0	23	0.69	50.6	22	559	-	na		na	
FS-14-12	6/25/98	0	23	0.76	48.0	27	579	-	na		na	
FS-14-13	6/25/98	0	23	0.69	50.6	21	545	-	na		na	
FS-14-14	6/25/98	0	23	0.64	49.7	22	500	J	na		na	

Table 3-1. Focused sediment coring program - analytical results (1).

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
FS-16-1	6/24/98	0	1	0.79	45.9	10	3.1	J	0.45	0.08	1.7	0.9
		1	2	1.12	32.1	5.3	2.9	J	0.28	0.07	<1.0	
		2	3	1.28	26.1	3.8	1.9	J	0.18	0.06	<1.0	
		3	4	1.36	24.5	<3.0	2.7	J	0.35	0.07	<1.0	
		4	5	1.31	24.5	5.2	3.5	J	0.24	0.04	<0.8	
	duplicate	4	5	-	-	-	-	-	<0.3		<4.0	
		5	23	1.07	28.4	10	0.7	J	na		na	
	duplicate	5	23	1.08	31.7	11	0.4	JP	<0.05		<0.8	
		23	46	1.17	26.3	2.8	<0.1	UJ	na		na	
		46	66	0.96	24.0	8.9	<0.1	UJ	na		na	
FS-16-11	6/24/98	0	23	1.39	23.1	6.3	0.9	J	na		na	
FS-16-12	6/24/98	0	23	1.26	26.9	6.2	0.6	J	na		na	
FS-16-13	6/24/98	0	23	1.39	21.3	3.4	1.2	J	na		na	
FS-16-14	6/24/98	0	23	1.27	26.6	5.3	1.1	J	na		na	
FS-16-2	6/24/98	0	1	0.57	56.4	10	3.9	J	0.35	0.07	1.5	0.9
		1	2	0.80	43.7	7.4	3.4	J	0.34	0.07	<1.0	
		2	3	1.07	33.3	4.3	1.9	J	0.32	0.07	<1.0	
		3	4	1.09	31.4	3.5	1.8	J	0.23	0.05	<0.8	
		4	5	1.31	24.4	<4.0	1.6	J	0.22	0.07	<1.0	
		5	23	1.03	23.8	<2.4	21	R	na		na	
		23	46	0.64	50.2	33	1.7	J	na		na	
		46	58	0.74	44.5	28	0.3	UJP	na		na	
FS-16-3	6/24/98	0	1	0.77	48.3	15	6.1	J	0.48	0.09	<1.0	
		1	2	0.85	44.2	15	6.8	J	0.49	0.08	<1.0	
		2	3	0.97	39.0	10	6.9	J	0.49	0.10	<1.0	
		3	4	1.08	33.2	10	7.7	J	0.46	0.08	<1.0	
		4	5	1.12	33.1	11	13	J	0.43	0.08	<1.0	
		5	23	1.18	30.3	13	61	-	na		na	
	duplicate	5	23	1.05	34.7	12	77	-	<0.04		<0.8	
		23	46	0.90	34.0	15	5.6	J	na		na	
		46	60	1.28	21.1	5.2	0.4	JP	na		na	
	duplicate	46	60	1.25	26.8	4.7	<0.1	U	na		na	
FS-28-1	8/13/98	0	1	0.73	47.0	20	53	-	0.26	0.07	<1.0	
		1	2	0.65	51.9	25	54	-	0.39	0.06	<0.9	
		2	3	0.52	54.7	70	43	-	0.22	0.06	<1.0	
		3	4	0.27	71.9	140	77	-	0.22	0.09	<1.0	
		4	5	0.15	77.1	140	245	-	0.31	0.13	<2.0	
		9	10	0.16	83.1	340	117	-	0.29	0.18	<3.0	
		14	15	1.06	31.4	9.0	36	-	na		na	
		19	20	0.81	33.2	26	0.3	UP	<0.09		<1.0	
		24	25	1.05	20.7	19	0.2	UP	<0.07		<0.8	

Table 3-1. Focused sediment coring program - analytical results (1).

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
FS-28-2	8/20/98	0	1	0.66	49.9	20	16	J	0.55	0.1	<2.0	
		1	2	0.83	41.9	20	21	J	0.49	0.07	<2.0	
		2	3	0.96	36.3	24	20	J	0.57	0.08	<2.0	
		3	4	1.05	33.2	9.2	25	J	0.59	0.06	<1.0	
		4	5	0.87	40.5	19	26	J	0.71	0.07	<1.0	
		9	10	0.50	57.2	43	48	J	1.00	0.10	<2.0	
		14	15	0.36	67.5	67	3,169	J	3.90	0.40	<2.0	
		19	20	0.36	68.4	100	1,696	J	6.60	0.70	<3.0	
		24	25	0.35	68.8	85	1,155	J	9.00	0.90	<20	
	duplicate	24	25	0.32	71.3	94	1,484	J	9.00	0.90	<9.0	
		29	30	0.39	65.3	41	904	J	11.0	1.0	<3.0	
		34	35	0.48	60.2	47	559	J	3.50	0.40	<2.0	
		39	40	0.40	65.6	67	541	J	3.10	0.30	<3.0	
		44	45	0.40	65.3	70	383	J	3.50	0.40	<3.0	
		49	50	0.41	64.7	40	281	J	1.90	0.20	<3.0	
		54	55	0.49	60.1	50	191	J	0.85	0.12	<3.0	
		59	60	0.34	68.8	79	132	J	0.12	0.08	<2.0	
		64	65	0.23	76.9	130	89	J	<0.10		<3.0	
		69	70	0.37	67.2	70	22	J	<0.10		<2.0	
		74	75	0.42	63.4	73	13	J	<0.10		<3.0	
		79	80	0.33	69.1	100	1.1	J	<0.10		<3.0	
		84	85	0.36	68.4	120	0.6	J	<0.20		<3.0	
		89	90	0.34	68.9	94	<0.4	UJ	<0.10		<3.0	
		94	95	0.33	70.2	110	0.4	J	<0.20		<4.0	
		99	100	0.37	67.6	100	0.8	J	<0.40		<8.0	
	duplicate	99	100	0.32	70.2	100	0.7	J	<0.40		<9.0	
		104	105	0.39	65.1	94	0.3	UJP	<0.10		<3.0	
FS-28-3	8/13/98	0	1	0.18	82.0	200	56	-	<0.50		<6.0	
		1	2	0.40	63.7	37	31	-	0.46	0.07	<0.9	
		2	3	0.43	62.3	49	30	-	0.54	0.09	<1.0	
		3	4	0.41	65.2	45	31	-	0.53	0.11	<1.0	
		4	5	0.38	66.6	51	45	-	0.51	0.13	<2.0	
		9	10	0.58	53.5	49	42	-	0.76	0.11	<1.0	
		14	15	0.51	58.7	33	48	-	0.81	0.09	<1.0	
		19	20	0.56	54.9	55	54	-	0.81	0.11	<1.0	
		24	25	0.51	58.7	60	126	-	1.10	0.10	<2.0	
	8/14/98	29	30	0.42	63.6	72	312	-	1.50	0.20	<1.0	
		34	35	0.46	60.5	58	1,046	-	1.20	0.10	<1.0	
		39	40	0.38	66.1	53	1,933	-	3.80	0.40	<3.0	
	duplicate	39	40	0.40	66.3	83	1,857	-	3.00	0.40	<6.0	
		44	45	0.32	71.0	130	2,505	-	3.50	0.40	<2.0	
		49	50	0.31	71.9	92	3,176	-	4.00	0.40	<2.0	
		54	55	0.37	68.4	61	2,271	-	6.20	0.60	<2.0	
		59	60	0.42	64.5	86	829	-	5.10	0.50	<1.0	
		64	65	0.46	60.8	61	340	-	1.80	0.20	<2.0	
		69	70	0.61	51.6	49	191	-	0.40	0.09	<1.0	

Table 3-1. Focused sediment coring program - analytical results (1).

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
FS-28-4	8/21/98	0	1	0.38	66.5	44	23	J	0.76	0.12	3.8	2.4
		1	2	0.49	58.7	26	35	J	8.20	2.10	5.2	2.1
		2	3	0.55	56.3	27	35	J	0.60	0.08	<2.0	
		3	4	0.60	53.3	47	33	J	0.69	0.11	<3.0	
		4	5	0.55	56.1	28	33	J	0.72	0.12	<3.0	
		9	10	0.58	53.0	30	46	J	0.91	0.11	<2.0	
		14	15	0.52	57.2	29	141	J	1.40	0.30	<7.0	
	duplicate	14	15	0.50	59.4	47	108	J	1.40	0.20	<4.0	
		19	20	0.37	67.5	84	525	J	2.80	0.30	<3.0	
		24	25	0.35	66.5	78	1,736	J	2.80	0.30	<2.0	
		29	30	0.33	69.9	76	1,166	J	6.40	0.60	<4.0	
		34	35	0.43	64.1	61	227	J	0.77	0.11	<3.0	
		39	40	0.40	64.4	73	571	J	7.90	0.80	<7.0	
	duplicate	39	40	0.41	64.5	53	513	J	7.90	0.80	<3.0	
		44	45	0.37	66.2	71	858	J	2.90	0.30	<3.0	
		49	50	0.34	69.4	87	1,152	J	1.30	0.10	<3.0	
		54	55	0.48	60.0	44	410	J	1.50	0.20	<2.0	
		59	60	0.58	53.9	45	255	J	0.35	0.10	<2.0	
		64	65	0.41	64.8	78	172	J	<0.10		<3.0	
		69	70	0.69	48.6	38	2.0	J	<0.09		<2.0	
		74	75	0.73	44.7	47	20	J	<0.09		<2.0	
		79	80	0.50	53.0	52	2.0	J	<0.10		<2.0	
		84	85	0.56	53.0	34	1.0	J	<0.09		<2.0	
		89	90	0.38	63.0	49	1.1	J	<0.10		<2.0	
		94	95	0.49	58.1	50	2.4	J	<0.09		<2.0	
		99	100	0.90	35.2	20	0.6	J	<0.06		<1.0	
		104	105	0.88	36.8	24	0.4	JP	<0.07		<2.0	
		109	110	0.85	31.7	33	0.3	UJP	<0.06		<2.0	
		114	115	0.71	36.1	41	0.3	UJP	<0.06		<1.0	
		119	120	1.30	19.5	3.5	0.5	J	<0.04		<1.0	
		124	125	0.90	24.7	17	0.3	UJP	<0.05		<1.0	
FS-37-1	8/19/98	0	1	0.55	58.2	36	7.8	J	0.60	0.09	3.6	1.6
		1	2	1.10	31.3	7.8	7.9	J	0.51	0.05	<1.0	
		2	3	1.33	24.7	10	6.8	J	0.43	0.05	<1.0	
		3	4	1.31	26.1	7.2	5.6	J	0.54	0.06	<1.0	
		4	5	1.16	29.9	7.6	6.5	J	0.51	0.05	<1.0	
		9	10	1.28	25.9	3.8	5.4	J	0.54	0.06	<1.0	
		14	15	1.29	25.2	5.4	9.4	J	0.44	0.07	<1.0	
	duplicate	14	15	1.42	23.3	<1.9	21	J	0.36	0.05	<1.0	
		19	20	0.77	41.8	26	64	J	0.55	0.06	<1.0	
		24	25	0.53	56.8	34	11	J	1.00	0.10	<2.0	
		29	30	1.43	21.6	4.8	10	J	0.65	0.07	<1.0	
		34	35	0.51	58.0	45	189	J	2.70	0.30	<2.0	
		39	40	0.53	56.7	48	35	J	0.33	0.09	<2.0	
		44	45	0.52	58.1	34	7.4	J	0.16	0.10	<3.0	
		49	50	0.57	54.7	45	1.0	J	<0.09		<2.0	
		54	55	0.81	43.3	22	0.3	UJP	<0.10		<2.0	
		59	60	0.70	47.5	25	0.5	J	<0.08		<2.0	
		64	65	0.78	45.8	11	<0.2	UJ	<0.06		<1.0	
		69	70	1.52	15.9	2.4	<0.1	UJ	<0.05		<1.0	
		74	75	1.18	22.0	5.0	0.2	UJP	<0.06		<1.0	

Table 3-1. Focused sediment coring program - analytical results (1).

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
FS-37-2	8/17/98	0	1	0.48	61.6	25	11	-	0.70	0.11	1.6	0.9
		1	2	0.60	56.0	25	12	-	0.65	0.10	<1.0	
		2	3	0.73	46.4	22	6.7	-	0.52	0.08	<1.0	
		3	4	0.70	40.1	28	10	-	0.67	0.11	<1.0	
		4	5	0.63	52.3	40	14	-	0.69	0.10	<1.0	
		9	10	0.72	45.9	30	13	-	0.77	0.08	<0.9	
		14	15	0.58	55.5	50	34	-	1.30	0.10	<2.0	
		19	20	0.51	60.0	43	280	-	3.30	0.30	<1.0	
		24	25	0.56	55.6	46	171	-	4.40	0.40	<1.0	
		29	30	0.53	57.2	34	55	-	0.71	0.10	<1.0	
		34	35	0.41	65.7	57	11	-	0.25	0.09	<1.0	
		39	40	0.45	63.4	43	6.0	-	<0.2		<3.0	
	duplicate	39	40	0.43	64.3	58	5.2	-	<0.2		<2.0	
		44	45	0.50	60.9	44	2.4	-	<0.1		<2.0	
		49	50	0.43	63.0	69	3.6	-	<0.1		<1.0	
		54	55	0.46	61.4	57	2.1	-	<0.1		<2.0	
		59	60	0.45	62.0	48	1.9	-	<0.1		<1.0	
		64	65	0.44	63.5	73	1.0	-	<0.1		<1.0	
	8/18/98	69	70	0.42	64.3	100	0.6	-	<0.1		<2.0	
		74	75	0.42	63.8	75	0.7	-	<0.4		<4.0	
	duplicate	74	75	0.46	62.7	59	0.5	-	<0.2		<2.0	
		79	80	0.57	56.5	39	0.3	UP	<0.1		<1.0	
FS-37-3	8/18/98	0	1	1.10	33.7	10	18	-	0.52	0.07	<0.8	
		1	2	0.98	37.0	14	5.4	-	0.53	0.07	<1.0	
		2	3	0.88	39.8	30	5.0	-	0.44	0.07	<1.0	
		3	4	0.91	40.7	10	5.2	-	0.48	0.07	<0.9	
		4	5	1.07	34.7	8.8	5.1	-	0.48	0.06	<1.0	
		9	10	0.29	73.0	140	12	-	0.56	0.08	<0.8	
	8/19/98	14	15	1.35	22.8	5.3	11	J	0.34	0.04	<0.5	
		19	20	1.08	32.7	13	36	J	1.40	0.10	<0.9	
		24	25	0.61	52.8	24	81	-	0.69	0.11	<1.0	
	duplicate	24	25	0.58	55.1	38	80	-	0.66	0.09	<1.0	
		29	30	0.51	59.4	64	85	J	1.10	0.10	<1.0	
		34	35	1.15	29.1	4.9	2.6	J	<0.07		<0.9	
		39	40	0.69	48.7	24	1.3	J	<0.09		<1.0	
		44	45	0.89	38.0	28	0.32	UJP	<0.08		<1.0	

Table 3-1. Focused sediment coring program - analytical results (1).

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
FS-37-4	8/18/98	0	1	1.10	33.7	10	12	-	0.29	0.06	<0.9	
		1	2	0.98	37.0	14	12	-	0.27	0.05	<0.7	
		2	3	0.88	39.8	30	14	-	0.33	0.06	<0.1	
		3	4	0.91	40.7	10	16	-	0.38	0.06	<0.8	
		4	5	1.07	34.7	8.8	13	-	0.35	0.05	<0.7	
		9	10	0.29	73.0	140	9.2	-	0.44	0.22	<3.0	
		14	15	0.62	52.6	70	294	-	1.20	0.10	<1.0	
		19	20	0.50	58.5	67	472	-	2.30	0.20	<1.0	
		24	25	0.45	61.8	52	1,040	-	3.30	0.30	<1.0	
		29	30	0.38	65.6	79	579	-	3.70	0.40	<2.0	
		34	35	0.52	56.8	48	173	-	1.60	0.20	<0.9	
		39	40	0.36	65.6	65	458	-	7.30	0.70	<2.0	
		44	45	0.54	54.3	33	148	-	4.20	0.40	<2.0	
		49	50	1.17	28.6	3.0	11	-	0.21	0.05	<0.8	
		54	55	0.98	35.0	11	17	-	0.21	0.07	<1.0	
		59	60	0.63	1.7	15	89	-	1.30	0.20	<1.0	
	duplicate	59	60	0.62	51.6	31	92	-	1.40	0.10	<2.0	
		64	65	0.42	63.7	58	506	-	1.90	0.20	<2.0	
		69	70	0.46	61.3	61	355	-	1.60	0.20	<2.0	
		74	75	0.57	53.9	32	89	-	1.60	0.20	<1.0	
		79	80	0.89	38.7	28	53	-	0.47	0.08	<1.0	
		84	85	1.12	28.7	5.2	10	-	<0.06		<0.8	
		89	90	1.22	12.0	<2.9	0.9	-	<0.04		<0.6	
		94	95	0.81	26.5	28	0.5	-	<0.08		<1.0	

Notes:

(1) Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data has been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River PCB Database", O'Brien & Gere Engineers, Inc. September 1997.

(2) The first two characters of the location indicate the sampling investigation: *FS = Focused Sediment Coring* - The two digit code following the first two characters indicates the nearest 1976 NYSDEC delineated "hot spot area". The last one or two digit code indicates the individual core within the "hot spot", or the individual core within the two-foot cluster around the primary core, respectively.

(3) Radionuclide data is presented as a count, in picoCuries/gram, plus or minus a 95% confidence level (e.g. 2 sigma) counting error.

Key:

duplicate = indicates a blind field duplicate sample submitted to the laboratory without identification of sampling location.
P = Practical quantitation limit (PQL) note for PCB values 0.1 and 0.4 µg/g.
U = Elevated PCB detection limit due to excursions from data validation criteria
J = PCB sample results approximate due to minor excursions from data validation criteria
UJ = PCB detection limit approximate due to excursions from data validation criteria
R = PCB data qualified unusable due to excursion from data validation criteria
* = Location FS-09-5 was sampled intitally on August 13, 1998. The location was re-sampled August 25, 1998 to evaluate the PCB concentration detected in the 0-1 cm interval of the August 13 round of sampling.
na = indicates sample was not analyzed for the parameters indicated.

Source: O'Brien & Gere Engineers, Inc.

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-08-1	6/17/98	0	1	23	-	17.5	27.8	26.8	17.1	6.0	2.7	1.5	0.5	0.0	0.0
		1	2	18	-	13.9	34.1	29.9	15.7	4.6	1.4	0.3	0.1	0.0	0.0
		2	3	25	-	15.5	31.1	30.0	16.3	5.0	1.6	0.3	0.1	0.0	0.0
		3	4	27	-	13.1	27.5	31.9	20.0	5.7	1.6	0.3	0.1	0.0	0.0
		4	5	43	-	12.1	26.9	27.9	23.8	6.9	2.1	0.4	0.1	0.0	0.0
		5	23	37	-	11.3	30.3	33.6	17.4	5.4	1.7	0.3	0.1	0.0	0.0
		23	46	454	-	27.9	52.6	13.1	4.3	1.4	0.5	0.2	0.0	0.0	0.0
		46	67	1,056	-	29.3	53.9	11.7	3.5	0.9	0.5	0.2	0.1	0.0	0.0
FS-08-2	6/22/98	0	1	30	-	20.6	25.7	25.1	18.4	6.7	2.6	0.8	0.2	0.0	0.0
		1	2	32	-	18.7	27.7	26.5	18.1	6.2	2.2	0.5	0.1	0.0	0.0
		2	3	24	-	19.2	30.1	27.5	15.8	5.1	1.8	0.4	0.1	0.0	0.0
		3	4	25	J	16.8	28.2	28.7	18.3	5.5	2.0	0.4	0.1	0.0	0.0
		4	5	28	-	19.3	29.0	27.4	16.8	5.2	1.8	0.4	0.1	0.0	0.0
		5	23	90	-	20.0	42.0	24.0	9.7	2.8	1.1	0.3	0.1	0.0	0.0
		23	46	785	-	28.9	53.3	11.9	3.8	1.3	0.6	0.2	0.0	0.0	0.0
		46	69	67	-	21.7	44.8	20.0	8.7	3.1	1.3	0.4	0.1	0.0	0.0
		69	80	0.8	-	63.8	19.8	10.0	3.7	1.5	0.3	0.9	0.0	0.0	0.0
FS-08-21	6/22/98	0	23	90	-	19.8	44.9	22.6	9.0	2.6	0.9	0.3	0.1	0.0	0.0
FS-08-22	6/22/98	0	23	47	-	17.5	33.7	29.5	13.8	3.9	1.3	0.3	0.1	0.0	0.0
FS-08-23	6/22/98	0	23	31	-	19.2	29.6	27.3	16.7	5.0	1.7	0.4	0.1	0.0	0.0
FS-08-24	6/22/98	0	23	38	-	16.5	32.3	30.7	14.6	4.1	1.4	0.4	0.1	0.0	0.0
FS-08-3	6/22/98	0	1	27	-	19.6	34.5	27.9	12.9	3.6	1.3	0.2	0.1	0.0	0.0
		1	2	32	-	20.4	38.3	25.7	11.6	2.9	0.9	0.2	0.0	0.0	0.0
		2	3	44	-	20.8	41.3	24.8	9.6	2.5	0.8	0.2	0.1	0.0	0.0
		3	4	83	-	24.7	42.2	21.7	8.1	2.4	0.7	0.2	0.0	0.0	0.0
		4	5	175	-	23.0	46.5	19.9	6.9	2.4	0.9	0.3	0.1	0.0	0.0
		5	23	683	-	27.5	53.0	12.8	4.4	1.6	0.5	0.2	0.0	0.0	0.0
		23	46	71	-	24.1	43.8	21.0	7.9	2.3	0.7	0.3	0.0	0.0	0.0
		46	69	0.3	UP	56.0	27.2	10.4	4.1	1.4	0.8	0.1	0.0	0.0	0.0
		69	91	0.3	UP	77.7	12.6	6.0	2.1	1.1	0.5	0.0	0.0	0.0	0.0

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Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-08-4	6/23/98	0	1	27	-	22.8	23.3	25.5	18.9	6.5	2.4	0.6	0.1	0.0	0.0
		1	2	20	-	16.5	28.6	28.1	17.6	6.1	2.4	0.6	0.1	0.0	0.0
		2	3	22	-	19.5	32.0	27.0	14.4	4.8	1.8	0.5	0.1	0.0	0.0
		3	4	24	-	15.6	28.8	28.5	18.2	6.0	2.2	0.5	0.2	0.0	0.0
		4	5	27	-	19.7	28.0	27.6	16.9	5.3	1.9	0.5	0.1	0.0	0.0
		5	23	67	-	18.5	39.1	26.4	11.3	3.3	1.0	0.3	0.1	0.0	0.0
	duplicate	5	23	84	-	19.1	38.2	26.8	11.1	3.3	1.1	0.3	0.1	0.0	0.0
		23	46	681	-	26.9	54.3	12.7	4.2	1.3	0.5	0.1	0.0	0.0	0.0
		46	67	14	-	27.0	48.6	14.8	6.2	2.2	0.9	0.2	0.1	0.0	0.0
FS-08-5	8/12/98	0	1	31	-	11.9	37.3	34.2	12.8	2.8	0.9	0.1	0.0	0.0	0.0
		1	2	40	-	9.7	30.6	33.7	20.3	4.5	1.1	0.1	0.0	0.0	0.0
		2	3	39	-	11.6	36.4	35.9	12.8	2.5	0.7	0.1	0.0	0.0	0.0
		3	4	30	-	12.9	36.1	31.9	14.6	3.5	1.0	0.1	0.0	0.0	0.0
		4	5	37	-	12.8	38.5	34.7	11.3	2.1	0.6	0.1	0.0	0.0	0.0
		5	23	18	-	11.0	38.4	35.3	12.0	2.5	0.7	0.1	0.0	0.0	0.0
		23	41	1.7	-	77.0	19.9	2.4	0.5	0.2	0.1	0.0	0.0	0.0	0.0
FS-08-6	8/12/98	0	1	45	-	9.1	33.8	38.0	15.0	3.1	0.8	0.1	0.0	0.0	0.0
		1	2	48	-	10.2	37.3	35.7	13.2	2.7	0.8	0.1	0.0	0.0	0.0
		2	3	30	-	10.4	36.4	36.4	13.5	2.6	0.7	0.1	0.0	0.0	0.0
		3	4	31	-	9.4	35.9	37.4	13.8	2.7	0.8	0.1	0.0	0.0	0.0
		4	5	23	-	8.2	35.5	38.2	14.4	2.9	0.7	0.1	0.0	0.0	0.0
		5	23	16	-	12.4	33.5	36.4	13.8	3.0	0.9	0.1	0.0	0.0	0.0
		23	32	0.2	UP	85.8	4.3	5.6	1.4	1.3	1.2	0.1	0.5	0.0	0.0
FS-08-7	8/12/98	0	1	5.4	-	14.9	26.0	34.0	18.6	4.8	1.6	0.2	0.1	0.0	0.0
		1	2	8.5	-	16.5	35.7	30.1	13.0	3.3	1.2	0.2	0.0	0.0	0.0
		2	3	8.4	-	19.4	33.2	29.8	12.9	3.5	1.1	0.2	0.0	0.0	0.0
		3	4	13	-	13.1	33.8	32.7	15.2	3.8	1.2	0.2	0.0	0.0	0.0
		4	5	11	-	15.2	34.9	28.7	15.2	4.4	1.4	0.2	0.1	0.0	0.0
		5	23	30	-	20.3	49.2	21.0	6.8	1.9	0.7	0.2	0.1	0.0	0.0
		23	45	4.0	-	38.7	23.9	17.8	13.3	4.3	1.6	0.3	0.1	0.0	0.0

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-09-1	6/23/98	0	1	3.7	-	29.6	30.5	21.3	12.2	4.3	1.6	0.4	0.1	0.0	0.0
		1	2	3.9	-	28.3	26.6	23.1	15.4	4.8	1.4	0.4	0.1	0.0	0.0
		2	3	3.4	-	36.0	28.8	19.0	11.1	3.6	1.2	0.3	0.1	0.0	0.0
		3	4	4.1	-	34.1	33.0	18.7	9.3	3.1	1.2	0.4	0.1	0.0	0.0
		4	5	6.8	-	35.4	32.7	19.3	8.6	2.7	1.0	0.3	0.1	0.0	0.0
		5	23	45	-	15.4	48.4	22.6	8.0	3.1	1.5	0.7	0.3	0.0	0.0
		23	46	3.1	-	26.2	40.2	17.3	8.2	5.1	2.3	0.6	0.1	0.0	0.0
		46	63	0.3	UP	66.4	19.4	8.1	4.0	1.6	0.5	0.0	0.0	0.0	0.0
FS-09-2	6/23/98	0	1	2.5	-	29.0	28.4	21.7	13.8	4.7	1.8	0.4	0.1	0.0	0.0
		1	2	2.6	-	39.2	26.3	17.8	11.2	3.7	1.3	0.5	0.1	0.0	0.0
		2	3	2.9	-	29.9	24.7	25.7	13.6	4.0	1.5	0.5	0.1	0.0	0.0
		3	4	3.9	-	43.4	23.7	16.6	11.2	3.5	1.2	0.4	0.1	0.0	0.0
		4	5	4.3	J	42.8	27.0	16.9	9.3	2.8	0.9	0.2	0.0	0.0	0.0
		5	23	14	-	19.8	43.9	24.7	7.9	2.5	0.9	0.3	0.1	0.0	0.0
		23	46	515	-	31.8	52.7	9.9	3.4	1.5	0.4	0.2	0.1	0.0	0.0
		46	69	122	-	28.6	52.7	12.4	3.7	1.5	0.7	0.3	0.1	0.0	0.0
		69	92	13	-	17.8	42.8	22.2	9.9	4.8	1.8	0.5	0.1	0.0	0.0
		92	104	1.0	-	62.3	8.7	16.3	5.6	4.1	2.2	0.7	0.1	0.0	0.0
FS-09-21	6/23/98	0	23	6.9	-	24.8	35.1	25.8	9.7	3.1	1.0	0.4	0.1	0.0	0.0
FS-09-22	6/23/98	0	23	6.2	-	37.7	28.3	20.1	9.4	2.9	1.1	0.4	0.1	0.0	0.0
FS-09-23	6/23/98	0	23	11	-	27.9	39.4	21.3	7.7	2.6	0.9	0.3	0.0	0.0	0.0
FS-09-24	6/23/98	0	23	6.3	-	34.7	26.8	23.7	10.1	3.1	1.2	0.4	0.1	0.0	0.0

315770

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-09-3	6/23/98	0	1	28	-	34.5	50.0	10.1	3.5	1.4	0.4	0.1	0.0	0.0	0.0
		1	2	8.7	-	45.9	27.8	16.8	6.6	2.0	0.7	0.2	0.0	0.0	0.0
		2	3	4.6	-	49.4	24.4	15.0	7.5	2.5	0.9	0.2	0.0	0.0	0.0
		3	4	5.3	-	46.6	25.3	15.0	9.0	2.9	1.0	0.2	0.0	0.0	0.0
		4	5	11	-	38.8	40.0	12.6	5.7	2.0	0.7	0.2	0.1	0.0	0.0
		5	23	7.9	-	42.5	21.3	17.6	12.9	3.9	1.3	0.4	0.1	0.0	0.0
		23	46	70	-	26.1	53.9	13.6	4.2	1.7	0.4	0.1	0.1	0.0	0.0
		46	69	615	-	32.7	54.1	9.0	2.6	1.2	0.3	0.1	0.0	0.0	0.0
		69	77	135	-	27.4	53.1	13.0	3.7	1.6	0.8	0.3	0.1	0.0	0.0
	duplicate	69	77	160	-	26.6	53.7	13.1	3.7	1.6	0.9	0.3	0.1	0.0	0.0
FS-09-4	6/23/98	0	1	7.2	-	30.1	30.2	21.7	12.0	4.0	1.4	0.5	0.1	0.0	0.0
		1	2	7.8	-	28.3	32.9	21.5	11.7	3.9	1.3	0.4	0.1	0.0	0.0
		2	3	6.9	-	40.9	25.0	18.0	11.0	3.5	1.3	0.3	0.0	0.0	0.0
		3	4	5.3	-	33.8	27.5	20.4	12.4	3.9	1.5	0.4	0.1	0.0	0.0
		4	5	6.4	-	50.3	22.8	14.5	8.7	2.6	0.8	0.2	0.0	0.0	0.0
		5	23	11	-	35.4	31.6	18.4	10.1	3.2	1.1	0.3	0.1	0.0	0.0
		23	46	102	-	27.0	49.1	16.1	4.9	1.9	0.6	0.2	0.1	0.0	0.0
		46	69	118	-	27.6	50.4	14.0	4.8	1.9	0.9	0.3	0.1	0.0	0.0
		69	73	32	-	16.2	39.3	24.0	12.5	5.4	2.1	0.6	0.1	0.0	0.0
FS-09-5A*	8/13/98	0	1	640	-	24.6	58.7	11.6	3.2	1.2	0.5	0.2	0.1	0.0	0.0
		1	2	5.8	-	37.9	26.0	17.4	12.0	4.3	1.7	0.5	0.2	0.0	0.0
		2	3	5.4	-	40.8	25.2	16.7	11.8	3.9	1.3	0.3	0.1	0.0	0.0
		3	4	4.1	-	40.4	25.7	16.4	11.9	3.9	1.3	0.3	0.1	0.0	0.0
		4	5	5.2	-	46.9	25.8	14.3	9.0	2.8	1.0	0.2	0.0	0.0	0.0
		5	23	10	-	32.9	33.7	20.3	9.0	2.9	0.9	0.3	0.1	0.0	0.0
		23	37	164	-	29.7	53.2	11.5	3.5	1.4	0.5	0.2	0.1	0.0	0.0

315771

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-09-5B*	8/25/98	0	1	4.2	J	23.3	27.6	23.9	17.3	5.7	1.9	0.4	0.1	0.0	0.0
		1	2	3.9	J	24.0	25.3	23.8	18.5	5.9	2.1	0.4	0.1	0.0	0.0
		2	3	2.8	J	19.2	24.4	25.6	20.9	6.9	2.4	0.6	0.1	0.0	0.0
		3	4	2.1	J	16.4	27.6	27.1	20.0	6.3	2.2	0.4	0.1	0.0	0.0
		4	5	4.2	J	20.0	32.3	24.0	16.6	5.2	1.7	0.3	0.1	0.0	0.0
		5	23	5.6	J	21.9	34.7	25.0	12.9	3.9	1.4	0.3	0.1	0.0	0.0
	duplicate	5	23	4.5	J	20.8	36.6	24.8	12.4	3.8	1.3	0.3	0.1	0.0	0.0
		23	46	60	J	21.7	51.7	16.7	5.9	2.6	1.0	0.3	0.1	0.0	0.0
		46	48	0.9	J	17.9	15.6	19.3	19.4	17.4	8.5	1.8	0.3	0.0	0.0
FS-14-1	6/25/98	0	1	12	-	27.0	33.6	23.5	10.7	3.7	1.3	0.3	0.0	0.0	0.0
		1	2	25	-	27.9	36.8	22.1	9.3	2.9	0.9	0.1	0.0	0.0	0.0
		2	3	26	-	32.4	36.5	19.9	7.9	2.4	0.7	0.1	0.0	0.0	0.0
		3	4	100	-	33.9	47.4	11.9	4.8	1.5	0.4	0.1	0.0	0.0	0.0
		4	5	375	-	30.6	52.9	10.0	4.1	1.8	0.5	0.1	0.0	0.0	0.0
		5	23	1,109	-	28.8	49.6	12.1	6.1	2.6	0.6	0.1	0.0	0.0	0.0
		23	46	16	-	23.5	44.1	19.1	7.6	3.3	1.9	0.4	0.1	0.0	0.0
		46	69	0.5	-	65.4	24.8	6.6	1.5	0.6	0.3	0.7	0.0	0.0	0.0
		69	91	0.3	UP	73.3	16.4	6.7	2.4	0.5	0.2	0.1	0.4	0.0	0.0
FS-14-11	6/25/98	0	23	559	-	26.5	50.8	12.9	6.1	2.7	0.7	0.3	0.1	0.0	0.0
FS-14-12	6/25/98	0	23	579	-	27.3	50.2	12.9	6.1	2.6	0.7	0.3	0.1	0.0	0.0
FS-14-13	6/25/98	0	23	545	-	27.7	52.6	11.6	4.8	2.2	0.7	0.3	0.1	0.0	0.0
FS-14-14	6/25/98	0	23	500	J	26.7	52.4	12.4	5.5	2.2	0.6	0.2	0.1	0.0	0.0

315772

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-16-1	6/24/98	0	1	3.1	J	17.1	28.6	27.5	18.2	5.6	2.1	0.7	0.2	0.0	0.0
		1	2	2.9	J	17.2	26.7	31.2	17.6	4.9	1.8	0.5	0.1	0.0	0.0
		2	3	1.9	J	17.1	26.0	31.8	17.5	5.0	1.9	0.7	0.1	0.0	0.0
		3	4	2.7	J	22.0	33.0	24.2	14.4	4.4	1.5	0.5	0.1	0.0	0.0
		4	5	3.5	J	17.5	33.4	28.8	14.6	4.0	1.3	0.4	0.1	0.0	0.0
		5	23	0.7	J	31.1	39.1	17.2	9.4	2.5	0.6	0.1	0.0	0.0	0.0
	duplicate	5	23	0.4	J	30.6	34.9	20.6	9.8	3.3	0.7	0.3	0.0	0.0	0.0
		23	46	<0.1	UJ	-	-	-	-	-	-	-	-	-	-
		46	66	<0.1	UJ	-	-	-	-	-	-	-	-	-	-
FS-16-11	6/24/98	0	23	0.9	J	17.4	35.8	28.0	14.1	3.5	1.1	0.1	0.1	0.0	0.0
FS-16-12	6/24/98	0	23	0.6	J	16.8	31.4	27.1	17.5	5.2	1.7	0.1	0.1	0.0	0.0
FS-16-13	6/24/98	0	23	1.2	J	20.3	38.6	23.1	12.7	3.8	1.2	0.2	0.1	0.0	0.0
FS-16-14	6/24/98	0	23	1.1	J	22.7	39.6	21.6	11.6	3.2	1.1	0.2	0.0	0.0	0.0
FS-16-2	6/24/98	0	1	3.9	J	27.6	22.7	26.3	16.0	5.1	1.8	0.5	0.1	0.0	0.0
		1	2	3.4	J	27.2	24.8	25.8	15.2	4.8	1.8	0.4	0.1	0.0	0.0
		2	3	1.9	J	13.1	26.8	31.1	19.7	6.1	2.2	0.9	0.1	0.0	0.0
		3	4	1.8	J	13.4	23.9	31.8	21.3	6.4	2.3	0.7	0.2	0.0	0.0
		4	5	1.6	J	11.5	22.9	32.8	22.7	6.9	2.4	0.8	0.2	0.0	0.0
		5	23	21	R	15.5	51.1	21.7	7.5	2.9	1.0	0.4	0.1	0.0	0.0
		23	46	1.7	J	19.6	31.3	32.6	12.0	3.4	1.0	0.2	0.0	0.0	0.0
		46	58	0.3	UJP	39.8	23.8	27.8	6.8	1.6	0.2	0.0	0.0	0.0	0.0

315773

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-16-3	6/24/98	0	1	6.1	J	14.1	32.8	30.8	15.8	4.4	1.6	0.4	0.1	0.0	0.0
		1	2	6.8	J	19.0	31.6	27.3	14.6	5.0	1.9	0.5	0.1	0.0	0.0
		2	3	6.9	J	20.9	28.1	30.2	14.9	4.1	1.3	0.4	0.1	0.0	0.0
		3	4	7.7	J	13.3	30.4	32.6	17.0	4.6	1.5	0.4	0.1	0.0	0.0
		4	5	13	J	17.4	35.8	29.1	12.9	3.4	1.0	0.3	0.1	0.0	0.0
		5	23	61	-	23.8	57.6	11.8	4.3	1.5	0.6	0.3	0.1	0.0	0.0
	duplicate	5	23	77	-	23.9	58.6	11.0	4.0	1.5	0.6	0.3	0.1	0.0	0.0
		23	46	5.6	J	16.9	51.4	23.0	6.5	1.5	0.5	0.3	0.0	0.0	0.0
		46	60	0.4	JP	29.8	45.4	14.3	6.3	2.7	1.3	0.2	0.0	0.0	0.0
	duplicate	46	60	<0.1	U	-	-	-	-	-	-	-	-	-	-
FS-28-1	8/13/98	0	1	53	-	13.3	41.0	30.0	11.5	3.1	1.0	0.2	0.0	0.0	0.0
		1	2	54	-	9.9	37.6	33.1	14.0	4.0	1.2	0.2	0.1	0.0	0.0
		2	3	43	-	13.2	36.2	31.5	13.8	3.8	1.2	0.3	0.1	0.0	0.0
		3	4	77	-	9.5	38.0	33.2	14.4	3.7	1.0	0.2	0.0	0.0	0.0
		4	5	245	-	10.1	37.1	34.7	14.2	3.1	0.7	0.1	0.0	0.0	0.0
		9	10	117	-	10.8	39.5	28.4	14.7	4.9	1.4	0.3	0.0	0.0	0.0
		14	15	36	-	12.2	32.1	33.5	16.1	4.5	1.4	0.2	0.1	0.0	0.0
		19	20	0.3	UP	63.7	10.7	12.6	5.3	3.5	3.1	0.9	0.3	0.0	0.0
		24	25	0.2	UP	79.0	4.3	11.0	3.6	1.3	0.6	0.0	0.2	0.0	0.0

315774

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-28-2	8/20/98	0	1	16	J	15.8	29.9	29.8	16.6	5.6	1.9	0.4	0.1	0.0	0.0
		1	2	21	J	14.0	32.1	32.1	15.2	4.7	1.6	0.3	0.1	0.0	0.0
		2	3	20	J	13.2	31.1	31.3	16.3	5.7	1.9	0.4	0.1	0.0	0.0
		3	4	25	J	15.3	33.8	31.6	13.6	4.1	1.3	0.3	0.1	0.0	0.0
		4	5	26	J	15.2	32.2	31.0	14.8	4.8	1.5	0.3	0.1	0.0	0.0
		9	10	48	J	26.2	35.2	21.5	11.4	4.0	1.3	0.3	0.1	0.0	0.0
		14	15	3,169	J	26.0	50.4	13.9	6.4	2.6	0.6	0.2	0.0	0.0	0.0
		19	20	1,696	J	29.9	49.9	12.0	5.8	1.9	0.4	0.1	0.0	0.0	0.0
		24	25	1,155	J	29.7	53.0	11.1	4.0	1.6	0.5	0.1	0.0	0.0	0.0
	duplicate	24	25	1,484	J	29.6	51.8	11.5	4.4	1.8	0.6	0.2	0.1	0.0	0.0
		29	30	904	J	27.6	50.6	13.1	5.3	2.2	0.8	0.3	0.1	0.0	0.0
		34	35	559	J	28.3	50.5	13.4	5.1	1.7	0.7	0.3	0.1	0.0	0.0
		39	40	541	J	27.1	53.3	12.8	4.9	1.1	0.6	0.2	0.1	0.0	0.0
		44	45	383	J	26.4	53.6	13.3	5.1	1.0	0.5	0.1	0.0	0.0	0.0
		49	50	281	J	23.6	51.8	15.5	6.8	1.4	0.7	0.2	0.1	0.0	0.0
		54	55	191	J	19.3	48.8	20.0	9.0	1.9	0.7	0.2	0.0	0.0	0.0
		59	60	132	J	16.2	37.9	29.2	12.7	3.0	0.9	0.1	0.0	0.0	0.0
		64	65	89	J	17.5	34.9	23.4	15.7	6.1	2.0	0.4	0.1	0.0	0.0
		69	70	22	J	3.5	8.8	27.4	27.0	21.2	9.8	1.9	0.3	0.0	0.0
		74	75	13	J	19.1	29.3	10.3	13.2	17.0	8.9	2.0	0.2	0.0	0.0
		79	80	1.1	J	34.6	18.9	11.1	6.1	6.5	10.7	8.5	2.8	0.3	0.5
		84	85	0.6	J	70.0	3.5	10.0	3.2	4.4	3.0	3.6	1.8	0.6	0.0
		89	90	<0.4	UJ	-	-	-	-	-	-	-	-	-	-
		94	95	0.4	J	75.5	3.5	5.7	2.3	2.8	3.7	4.1	1.8	0.6	0.0
		99	100	0.8	J	42.3	12.7	30.3	11.3	1.9	0.6	0.2	0.1	0.5	0.0
	duplicate	99	100	0.7	J	47.5	36.3	8.1	2.8	1.6	1.0	1.4	0.7	0.7	0.0
		104	105	0.3	UJP	58.3	14.4	16.5	4.9	2.7	1.1	1.5	0.6	0.0	0.0

315775

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	Core Depth (cm) end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-28-3	8/13/98	0	1	56	-	12.2	37.8	27.6	15.4	5.1	1.5	0.3	0.1	0.0	0.0
		1	2	31	-	14.2	34.9	29.2	14.8	4.8	1.7	0.4	0.1	0.0	0.0
		2	3	30	-	13.4	34.6	29.9	15.1	5.0	1.6	0.4	0.1	0.0	0.0
		3	4	31	-	12.5	33.9	28.7	16.7	5.7	2.0	0.5	0.1	0.0	0.0
		4	5	45	-	14.0	38.7	27.1	13.8	4.6	1.4	0.3	0.1	0.0	0.0
		9	10	42	-	15.4	32.6	28.6	15.4	5.6	1.9	0.5	0.2	0.0	0.0
		14	15	48	-	16.8	32.2	27.7	15.5	5.4	1.9	0.5	0.1	0.0	0.0
		19	20	54	-	18.0	36.2	27.4	12.6	4.1	1.3	0.3	0.1	0.0	0.0
		24	25	126	-	12.4	36.7	33.3	12.3	3.7	1.1	0.3	0.1	0.0	0.0
	8/14/98	29	30	312	-	13.7	46.5	27.0	9.1	2.5	0.8	0.3	0.1	0.0	0.0
		34	35	1,046	-	25.0	54.1	14.5	4.4	1.4	0.4	0.1	0.0	0.0	0.0
		39	40	1,933	-	27.8	54.0	11.4	4.7	1.7	0.4	0.1	0.0	0.0	0.0
	duplicate	39	40	1,857	-	27.8	54.4	11.3	4.5	1.6	0.3	0.1	0.0	0.0	0.0
		44	45	2,505	-	28.7	53.8	11.1	4.3	1.7	0.3	0.1	0.1	0.0	0.0
		49	50	3,176	-	30.1	54.3	9.8	3.9	1.4	0.3	0.1	0.1	0.0	0.0
		54	55	2,271	-	29.3	48.8	14.2	5.1	1.8	0.5	0.2	0.1	0.0	0.0
		59	60	829	-	25.6	50.3	14.2	6.1	2.3	0.9	0.4	0.2	0.0	0.0
		64	65	340	-	22.6	48.0	18.8	7.8	1.7	0.8	0.3	0.1	0.0	0.0
		69	70	191	-	12.5	40.4	31.8	11.3	2.7	1.0	0.3	0.1	0.0	0.0

315776

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-28-4	8/21/98	0	1	23	J	18.5	30.1	27.6	15.3	5.6	2.1	0.7	0.2	0.0	0.0
		1	2	35	J	19.5	33.3	26.3	13.6	5.0	1.8	0.4	0.1	0.0	0.0
		2	3	35	J	19.3	33.8	26.8	13.4	4.7	1.6	0.4	0.1	0.0	0.0
		3	4	33	J	16.8	34.3	27.5	14.1	5.1	1.7	0.4	0.1	0.0	0.0
		4	5	33	J	15.1	33.6	28.3	15.0	5.5	1.9	0.4	0.1	0.0	0.0
		9	10	46	J	17.4	35.2	27.2	13.6	4.7	1.5	0.4	0.1	0.0	0.0
		14	15	141	J	12.5	36.5	34.3	11.7	3.4	1.0	0.4	0.1	0.0	0.0
	duplicate	14	15	108	J	12.2	36.0	34.8	12.2	3.4	1.0	0.3	0.1	0.0	0.0
		19	20	525	J	16.0	54.4	20.5	6.0	2.1	0.6	0.3	0.1	0.0	0.0
		24	25	1,736	J	24.5	55.2	12.1	5.3	2.3	0.5	0.2	0.0	0.0	0.0
		29	30	1,166	J	31.4	50.8	11.0	4.3	1.8	0.5	0.2	0.1	0.0	0.0
		34	35	227	J	28.7	42.5	18.2	7.3	2.4	0.7	0.1	0.0	0.0	0.0
		39	40	571	J	21.7	49.3	18.2	8.0	2.1	0.5	0.1	0.0	0.0	0.0
	duplicate	39	40	513	J	23.8	48.7	16.9	7.3	2.2	0.7	0.3	0.1	0.0	0.0
		44	45	858	J	28.0	54.8	12.0	4.2	0.7	0.3	0.0	0.0	0.0	0.0
		49	50	1,152	J	23.0	60.3	12.3	3.2	0.7	0.5	0.1	0.0	0.0	0.0
		54	55	410	J	24.7	55.1	13.3	5.3	1.1	0.5	0.0	0.0	0.0	0.0
		59	60	255	J	18.4	52.3	20.1	6.5	1.9	0.8	0.1	0.0	0.0	0.0
		64	65	172	J	12.6	49.7	24.7	9.9	2.5	0.7	0.0	0.0	0.0	0.0
		69	70	2.0	J	13.6	3.6	12.8	27.8	28.2	12.3	1.6	0.2	0.0	0.0
		74	75	20	J	11.6	18.6	32.1	23.2	10.7	3.4	0.4	0.0	0.0	0.0
		79	80	2.0	J	22.4	9.6	9.6	17.9	24.2	13.2	2.6	0.5	0.1	0.0
		84	85	1.0	J	27.5	17.2	7.6	13.1	17.1	12.9	3.7	0.8	0.2	0.0
		89	90	1.1	J	51.5	33.3	9.0	3.5	1.8	0.7	0.2	0.0	0.0	0.0
		94	95	2.4	J	15.5	0.1	0.5	13.3	37.3	25.0	7.0	1.3	0.0	0.0
		99	100	0.6	J	86.9	3.4	1.9	0.4	1.2	2.9	2.4	1.0	0.0	0.0
		104	105	0.4	JP	64.3	10.5	9.1	5.3	3.4	3.8	3.0	0.7	0.0	0.0
		109	110	0.3	UJP	69.2	2.5	7.3	9.0	6.3	4.3	1.4	0.0	0.0	0.0
		114	115	0.3	UJP	67.6	19.3	8.0	4.1	0.5	0.5	0.0	0.0	0.0	0.0
		119	120	0.5	J	36.4	37.2	15.7	7.2	2.6	0.8	0.0	0.2	0.0	0.0
		124	125	0.3	UJP	79.3	8.6	6.2	3.2	1.1	1.3	0.3	0.0	0.0	0.0

315777

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-37-1	8/19/98	0	1	7.8	J	7.3	25.0	41.1	17.8	5.6	2.5	0.6	0.2	0.0	0.0
		1	2	7.9	J	10.9	28.6	41.3	14.5	3.5	1.1	0.2	0.0	0.0	0.0
		2	3	6.8	J	11.3	26.3	42.3	15.0	3.8	1.2	0.2	0.0	0.0	0.0
		3	4	5.6	J	8.5	23.4	44.0	17.6	4.7	1.6	0.3	0.0	0.0	0.0
		4	5	6.5	J	8.0	23.6	44.0	17.8	4.6	1.6	0.3	0.1	0.0	0.0
		9	10	5.4	J	7.3	22.7	45.9	17.6	4.5	1.6	0.2	0.1	0.0	0.0
		14	15	9.4	J	6.4	25.0	46.0	17.0	4.1	1.3	0.1	0.0	0.0	0.0
	duplicate	14	15	21	J	7.0	24.5	45.6	16.6	4.7	1.3	0.2	0.1	0.0	0.0
		19	20	64	J	5.5	25.0	32.4	14.7	11.6	7.7	2.6	0.4	0.0	0.0
		24	25	11	J	8.4	25.2	37.3	19.3	6.8	2.2	0.6	0.2	0.1	0.0
		29	30	10	J	8.6	28.5	42.6	15.2	3.6	1.2	0.2	0.0	0.0	0.0
		34	35	189	J	16.7	47.2	21.2	8.9	3.4	1.5	0.8	0.3	0.1	0.0
		39	40	35	J	16.4	40.1	26.7	9.4	4.5	2.2	0.5	0.1	0.1	0.0
		44	45	7.4	J	10.4	8.7	11.3	21.2	28.9	15.4	3.1	0.4	0.4	0.3
		49	50	1.0	J	21.9	2.3	11.8	21.5	21.3	9.9	7.1	2.8	0.6	1.0
		54	55	0.3	UJP	42.9	2.3	13.5	5.3	6.5	7.6	9.3	10.7	2.0	0.0
		59	60	0.5	J	71.8	1.6	12.3	2.9	2.3	2.2	1.4	2.6	3.0	0.0
		64	65	<0.2	UJ	-	-	-	-	-	-	-	-	-	-
		69	70	<0.1	UJ	-	-	-	-	-	-	-	-	-	-
		74	75	0.2	UJP	91.8	0.7	4.6	0.9	0.9	0.4	0.6	0.2	0.0	0.0

315778

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-37-2	8/17/98	0	1	11	-	24.4	28.9	27.4	13.2	4.1	1.4	0.3	0.1	0.1	0.0
		1	2	12	-	18.3	37.4	27.1	11.7	3.7	1.3	0.3	0.1	0.0	0.0
		2	3	6.7	-	22.4	27.6	27.1	15.1	5.3	1.9	0.4	0.2	0.1	0.0
		3	4	10	-	21.7	31.1	26.7	13.8	4.6	1.5	0.3	0.1	0.1	0.0
		4	5	14	-	21.8	31.7	27.2	13.0	4.3	1.4	0.3	0.1	0.1	0.0
		9	10	13	-	26.8	30.6	25.0	12.1	3.8	1.3	0.3	0.1	0.1	0.0
		14	15	34	-	25.8	36.5	23.2	9.6	3.3	1.0	0.3	0.2	0.1	0.0
		19	20	280	-	22.4	54.2	15.6	5.5	1.7	0.4	0.2	0.1	0.0	0.0
		24	25	171	-	21.7	44.4	21.7	8.1	2.8	0.9	0.4	0.1	0.0	0.0
		29	30	55	-	10.4	33.3	30.5	14.7	7.1	3.0	0.8	0.2	0.0	0.0
		34	35	11	-	10.3	15.4	21.8	20.4	20.3	9.5	1.7	0.3	0.2	0.2
		39	40	6.0	-	15.4	5.8	6.5	21.0	31.8	15.9	2.8	0.4	0.1	0.3
	duplicate	39	40	5.2	-	12.3	3.6	6.8	23.7	34.2	16.2	2.7	0.4	0.1	0.2
		44	45	2.4	-	22.5	5.2	7.0	19.1	27.2	14.0	3.1	0.7	0.4	0.8
		49	50	3.6	-	14.6	10.4	8.9	20.5	27.7	13.7	3.2	0.5	0.2	0.4
		54	55	2.1	-	22.8	7.9	8.6	20.1	25.1	11.9	2.2	0.5	0.3	0.7
		59	60	1.9	-	19.3	6.8	8.3	18.2	26.3	14.2	3.9	1.5	0.7	1.0
		64	65	1.0	-	31.7	9.7	23.6	11.3	7.2	5.8	4.9	2.9	1.3	1.6
	8/18/98	69	70	0.6	-	57.6	2.1	6.9	5.6	4.9	5.4	7.3	5.6	2.0	2.7
		74	75	0.7	-	53.1	2.5	7.4	3.7	5.4	5.8	8.6	7.0	2.3	4.2
	duplicate	74	75	0.5	-	47.0	1.4	5.7	3.5	7.7	10.5	12.3	7.5	2.0	2.4
		79	80	0.3	UP	64.3	1.9	6.5	3.3	3.2	5.2	3.9	3.6	3.4	4.8

315779

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-37-3	8/18/98	0	1	18	-	10.1	28.4	38.7	16.8	4.5	1.3	0.2	0.0	0.0	0.0
		1	2	5.4	-	15.3	28.8	36.9	13.7	3.6	1.2	0.2	0.2	0.1	0.0
		2	3	5.0	-	16.0	26.2	37.7	14.6	3.8	1.3	0.2	0.1	0.0	0.0
		3	4	5.2	-	21.2	24.6	36.8	13.2	3.2	1.0	0.1	0.0	0.0	0.0
		4	5	5.1	-	20.4	24.9	35.9	13.8	3.7	1.2	0.1	0.0	0.0	0.0
		9	10	12	-	17.3	35.6	30.9	11.9	3.2	0.9	0.1	0.0	0.0	0.0
	8/19/98	14	15	11	J	14.1	31.5	38.9	12.4	2.3	0.7	0.1	0.1	0.1	0.0
		19	20	36	J	14.7	43.2	28.5	8.9	3.1	1.1	0.4	0.1	0.0	0.0
		24	25	81	-	10.0	41.6	30.6	11.3	4.0	1.6	0.7	0.2	0.0	0.0
	duplicate	24	25	80	-	11.0	45.3	28.1	9.8	3.5	1.4	0.6	0.2	0.0	0.0
		29	30	85	J	11.1	29.8	35.1	13.6	6.2	2.7	1.2	0.3	0.0	0.0
		34	35	2.6	J	7.1	19.5	35.9	20.9	10.9	4.3	1.0	0.4	0.1	0.0
		39	40	1.3	J	10.3	19.6	38.0	17.0	7.7	3.2	1.2	1.2	0.9	0.8
		44	45	0.3	UJP	50.5	6.7	16.1	5.8	3.2	1.1	1.6	5.0	6.3	3.7

315780

Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Sampling Location (2)	Date Collected	Core Depth (cm) start	end	Total PCBs (µg/g)		Homolog distribution (weight percent) (3) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
FS-37-4	8/18/98	0	1	12	-	10.5	32.0	37.8	14.3	3.9	1.2	0.2	0.1	0.0	0.0
		1	2	12	-	9.9	34.2	38.4	13.7	3.0	0.8	0.0	0.0	0.0	0.0
		2	3	14	-	9.0	29.7	38.2	16.2	4.7	1.7	0.3	0.1	0.0	0.0
		3	4	16	-	9.7	31.5	38.3	15.4	3.8	1.2	0.2	0.0	0.0	0.0
		4	5	13	-	7.1	34.4	36.9	15.6	4.4	1.4	0.2	0.1	0.0	0.0
		9	10	9.2	-	7.7	28.1	39.2	18.4	5.0	1.4	0.2	0.1	0.0	0.0
		14	15	294	-	19.8	52.4	18.8	6.0	2.3	0.5	0.2	0.1	0.0	0.0
		19	20	472	-	30.0	50.8	13.0	4.2	1.4	0.4	0.2	0.1	0.1	0.0
		24	25	1,040	-	29.7	56.4	9.8	2.4	1.0	0.4	0.2	0.1	0.0	0.0
		29	30	579	-	31.0	52.5	11.3	3.4	1.1	0.4	0.2	0.1	0.1	0.0
		34	35	173	-	24.8	47.2	17.0	7.2	2.2	1.0	0.4	0.1	0.0	0.0
		39	40	458	-	24.2	50.9	15.4	5.9	2.4	0.9	0.3	0.1	0.0	0.0
		44	45	148	-	18.8	41.7	24.5	9.7	3.7	1.1	0.4	0.1	0.0	0.0
		49	50	11	-	8.1	32.7	38.6	14.1	4.6	1.5	0.3	0.0	0.0	0.0
		54	55	17	-	3.6	22.6	39.6	19.6	8.3	4.1	1.7	0.5	0.1	0.0
		59	60	89	-	9.3	32.6	34.0	15.3	5.8	2.1	0.8	0.2	0.1	0.0
	duplicate	59	60	92	-	7.8	30.6	35.8	16.4	6.0	2.2	0.9	0.3	0.1	0.0
		64	65	506	-	11.5	41.6	33.2	10.8	1.9	0.7	0.3	0.0	0.0	0.0
		69	70	355	-	10.0	40.3	34.2	11.9	2.3	0.8	0.3	0.1	0.0	0.0
		74	75	89	-	1.7	13.9	42.6	23.3	10.9	5.1	1.9	0.5	0.1	0.0
		79	80	53	-	0.8	10.5	47.1	26.8	10.5	3.2	0.9	0.2	0.1	0.0
		84	85	10	-	1.0	9.9	42.3	29.1	12.5	4.1	0.9	0.2	0.1	0.0
		89	90	0.9	-	8.9	22.7	40.6	17.5	7.3	2.5	0.5	0.0	0.0	0.0
		94	95	0.5	-	12.8	24.3	39.8	15.3	5.3	2.2	0.4	0.0	0.0	0.0
Aroclor Standard 1242		-	-	4.1	-	0.0	17.7	48.0	28.2	5.2	1.0	0.0	0.0	0.0	0.0
Aroclor Standard 1254		-	-	4.2	-	0.0	0.4	1.8	19.2	50.4	24.4	3.6	0.2	0.0	0.0
Aroclor Standard 1260		-	-	3.8	-	0.0	0.0	0.0	2.3	12.1	36.7	39.0	9.5	0.4	0.0

Notes:

(1) Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data has been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River PCB Database", O'Brien & Gere Engineers, Inc. September 1997. Data has not been validated.

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Table 3-2. *Focused sediment coring program - PCB and homolog analytical results (1).*

Notes *(continued)*:

(2) The first two characters of the location indicate the sampling investigation: FS = Focused Sediment Coring - The two digit code following the first two characters indicates the nearest 1976 NYSDEC delineated "hot spot area". The last one or two digit code indicates the individual core within the "hot spot", or the individual core within the two-foot cluster around the primary core, respectively.

Aroclor standards with homolog distributions provided for reference.

Key:

duplicate = indicates a blind field duplicate sample submitted to the laboratory without identification of sampling location.

* = Location FS-09-5 was sampled initially on August 13, 1998. The location was resampled on August 25, 1998 to evaluate the PCB concentration detected in the 0-1 cm interval of the August 13 round of sampling.

P = practical quantitation limit (PQL) note for PCB values between 0.1 and 0.4 µg/g
U = Elevated PCB detection limit due to excursions from data validation criteria
J = PCB sample results approximate due to minor excursions from data validation criteria
UJ = PCB detection limit approximate due to excursions of data validation criteria
R = PCB data qualified unusable due to excursion from data validation criteria

Source: O'Brien & Gere Engineers, Inc.

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Table 3-3. *Broad scale sediment survey - analytical results (1).*

Date Collected	Sampling Location (2)	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%	Total PCBs (ug/g)	Homolog distribution (weight percent) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
7/24/98	BS-05C-100	0	2	1.41	24.2	8.2	na		na		12 J	12.1	32.8	30.5	16.7	5.5	2.0	0.3	0.1	0.0	0.0
		2	5	1.57	20.3	4.7	na		na		7.4 J	11.6	30.9	38.4	14.7	3.4	1.0	0.1	0.0	0.0	0.0
7/10/98	BS-06C-300	grab sample		1.25	31.0	5.4	na		na		5.3 J	6.3	33.7	35.7	15.4	5.4	2.6	0.7	0.2	0.0	0.0
7/8/98	BS-06F-100	0	2	0.94	42.3	18	na		na		4.7 J	13.3	42.1	24.8	13.9	4.4	1.3	0.3	0.1	0.0	0.0
		2	5	0.95	39.5	19	na		na		6.7 J	12.8	46.4	24.3	11.0	3.6	1.2	0.4	0.2	0.0	0.0
7/9/98	BS-06T-200	0	2	0.83	46.3	25	na		na		5.6 J	9.0	42.4	28.3	13.0	4.8	1.8	0.6	0.1	0.0	0.0
		2	5	1.00	38.4	20	na		na		11 J	14.3	39.7	25.2	12.9	5.2	2.0	0.6	0.1	0.0	0.0
7/21/98	BS-08C-400	grab sample		1.32	23.4	4.1	na		na		21 J	5.5	32.7	41.8	16.0	3.2	0.8	0.1	0.0	0.0	0.0
7/20/98	BS-08F-100	0	2	0.73	49.4	17	na		na		8.1 J	10.2	24.7	29.7	22.9	8.8	2.8	0.7	0.2	0.0	0.0
		2	5	0.85	44.6	14	na		na		11 J	9.2	36.2	33.3	14.3	5.0	1.6	0.4	0.1	0.0	0.0
8/24/98	BS-08F-200	0	2	0.71	49.2	21	0.52	0.11	<2.0		42 J	16.2	41.0	25.4	11.6	3.8	1.5	0.4	0.2	0.0	0.0
		2	5	0.63	53.5	26	0.60	0.08	<2.0		67 J	16.7	46.9	21.6	9.6	3.3	1.3	0.4	0.2	0.0	0.0
	duplicate	-	-	0.63	53.5	28	na		na		64 J	18.1	45.5	22.1	9.5	3.2	1.2	0.4	0.1	0.0	0.0
8/25/98	BS-08F-300	0	2	0.63	53.2	30	0.46	0.08	<2.0		31 J	14.8	38.8	27.4	12.8	4.2	1.5	0.5	0.2	0.0	0.0
		2	5	0.68	51.1	30	0.69	0.09	<2.0		96 J	17.7	52.7	19.4	7.0	2.2	0.7	0.2	0.0	0.0	0.0
	duplicate	2	5	0.64	50.6	34	na		na		119 J	17.9	53.2	19.0	6.8	2.2	0.7	0.2	0.1	0.0	0.0
7/21/98	BS-10C-200	grab sample		1.50	22.5	<4.8	na		na		15 J	7.5	33.6	39.0	15.6	3.4	0.9	0.1	0.0	0.0	0.0
7/13/98	BS-10T-100	0	2	0.60	56.1	29	na		na		90 J	19.2	53.7	17.3	6.5	2.5	0.6	0.2	0.1	0.0	0.0
		2	5	0.84	45.6	12	na		na		58 J	24.0	53.6	14.5	4.9	2.0	0.6	0.3	0.1	0.0	0.0
7/16/98	BS-14C-400	0	2	1.03	37.5	14	na		na		3.1 J	12.7	35.3	29.4	15.1	5.2	1.8	0.4	0.2	0.0	0.0
		2	5	1.11	33.6	12	na		na		3.2 J	11.7	33.3	28.7	16.5	6.9	2.2	0.5	0.2	0.0	0.0

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Table 3-3. Broad scale sediment survey - analytical results (1).

Date Collected	Sampling Location (2)	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Radionuclides (3) 137-Cesium (pCi/g) +/-95%	7-Beryllium (pCi/g) +/-95%	Total PCBs (ug/g)	Homolog distribution (weight percent) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
7/22/98	BS-14C-500	0	2	0.92	40.0	10	na	na	8.0 J	19.0	40.7	23.6	10.4	3.7	1.7	0.6	0.2	0.0	0.0
		2	5	1.21	29.8	9.4	na	na	13 J	16.8	50.1	20.3	7.6	2.9	1.4	0.7	0.3	0.1	0.0
7/23/98	BS-14F-200	0	2	0.57	57.1	27	na	na	129 J	19.2	52.8	16.2	7.6	3.0	0.8	0.3	0.1	0.0	0.0
		2	5	0.45	64.2	57	na	na	371 J	22.5	53.5	14.4	6.1	2.5	0.7	0.3	0.1	0.0	0.0
7/23/98	BS-14T-100	0	2	1.16	32.4	7.1	na	na	22 J	22.3	39.0	25.6	8.9	2.9	1.0	0.3	0.1	0.0	0.0
		2	5	1.24	30.1	12	na	na	40 J	20.2	45.5	22.3	7.9	2.7	1.0	0.3	0.1	0.0	0.0
	duplicate	2	5	1.10	31.5	7	na	na	42 J	19.8	46.6	21.9	7.6	2.7	1.0	0.3	0.1	0.0	0.0
8/26/98	BS-14T-301	0	2	1.33	25.9	7.7	na	na	11 J	10.2	27.3	39.7	16.7	4.4	1.5	0.2	0.0	0.0	0.0
8/26/98	BS-14T-302	0	2	1.01	35.5	14	na	na	11 J	20.7	35.2	26.7	11.8	3.8	1.4	0.3	0.1	0.0	0.0
		2	5	0.90	40.4	15	na	na	23 J	19.5	40.8	24.4	9.9	3.5	1.3	0.4	0.1	0.0	0.0
8/26/98	BS-14T-303	0	2	1.19	30.2	13	na	na	48 J	21.1	43.7	24.9	6.9	2.5	0.7	0.1	0.0	0.0	0.0
		2	5	1.69	16.7	7.1	na	na	32 J	25.9	46.7	20.5	4.9	1.5	0.4	0.1	0.0	0.0	0.0
8/26/98	BS-14T-304	0	2	0.62	52.2	19	na	na	7.2 J	20.9	30.4	26.4	14.7	5.2	2.0	0.4	0.1	0.0	0.0
		2	5	0.87	40.1	18	na	na	6.8 J	20.7	30.0	26.8	15.3	5.1	1.8	0.3	0.0	0.0	0.0
8/26/98	BS-14T-305	0	2	1.30	25.5	5.5	na	na	7.7 J	9.4	32.1	41.1	13.3	3.1	0.8	0.1	0.0	0.0	0.0
		2	5	1.36	23.9	6.3	na	na	7.3 J	10.5	31.6	39.3	14.4	3.3	0.9	0.1	0.0	0.0	0.0
8/26/98	BS-14T-306	0	2	1.21	29.8	6.8	na	na	11 J	23.8	38.6	25.5	9.2	2.2	0.6	0.1	0.0	0.0	0.0
		2	5	1.43	23.6	5.7	na	na	13 J	29.0	43.7	18.3	6.0	2.1	0.7	0.2	0.0	0.0	0.0
8/26/98	BS-14T-307	0	2	1.09	32.8	8.9	na	na	2.8 J	27.7	38.7	17.5	8.4	5.0	2.2	0.4	0.1	0.0	0.0
		2	5	1.24	28.8	8.5	na	na	3.3 J	30.4	43.6	17.3	5.7	2.1	0.8	0.1	0.0	0.0	0.0
8/26/98	BS-14T-308	0	2	1.15	31.6	10	na	na	2.4 J	12.1	20.5	38.3	20.7	6.0	2.1	0.2	0.1	0.0	0.0
		2	5	1.59	13.5	<0.85	na	na	0.3 UJP	49.0	16.0	19.6	10.7	3.3	1.3	0.1	0.0	0.0	0.0

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Table 3-3. *Broad scale sediment survey - analytical results (1).*

Date Collected	Sampling Location (2)	Core Depth (cm) start	Core Depth (cm) end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Radionuclides (3) 137-Cesium (pCi/g) +/-95%	Radionuclides (3) 7-Beryllium (pCi/g) +/-95%	Total PCBs (ug/g)	Homolog distribution (weight percent) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
7/17/98	BS-15C-200	0	2	1.05	36.2	12	na	na	14 J	13.0	42.4	27.7	11.7	3.6	1.3	0.3	0.1	0.0	0.0
		2	5	1.28	29.1	6.5	na	na	18 J	13.4	47.2	25.0	10.2	3.0	1.0	0.2	0.1	0.0	0.0
7/22/98	BS-15C-300	0	2	1.01	37.2	12	na	na	2.4 J	24.4	19.7	23.2	17.8	8.9	4.7	1.1	0.2	0.0	0.0
		2	5	1.26	29.4	8.9	na	na	2.0 UJ	24.8	31.2	29.5	10.5	2.9	1.0	0.2	0.0	0.0	0.0
7/16/98	BS-16F-100	0	2	0.54	58.2	41	na	na	11 J	16.0	29.1	27.8	18.0	6.2	2.2	0.6	0.2	0.0	0.0
		2	5	0.71	49.8	42	na	na	6.8 J	16.5	28.1	26.6	19.0	6.8	2.3	0.6	0.2	0.0	0.0
7/23/98	BS-18C-200	0	2	1.66	17.5	6.1	na	na	16 J	10.6	30.2	41.0	14.4	3.0	0.8	0.1	0.0	0.0	0.0
		2	5	1.52	22.4	6.3	na	na	33 J	11.4	31.1	38.1	13.4	4.1	1.2	0.4	0.1	0.0	0.0
7/22/98	BS-18C-300	0	2	1.16	31.6	13	na	na	19 J	12.2	31.4	36.9	14.6	3.7	1.0	0.2	0.0	0.0	0.0
		2	5	1.52	20.5	8.6	na	na	16 J	11.8	33.2	35.9	14.3	3.5	1.1	0.2	0.0	0.0	0.0
7/14/98	BS-18C-400	0	2	1.30	28.9	9.2	na	na	9.4 J	12.0	36.3	35.0	12.3	3.3	0.9	0.2	0.1	0.0	0.0
		2	5	1.47	21.3	5.8	na	na	6.8 J	9.6	31.6	38.3	15.2	3.9	1.1	0.2	0.0	0.0	0.0
7/17/98	BS-18C-501	0	2	0.38	69.5	31	na	na	3.4 J	6.3	19.1	31.7	25.6	11.0	4.8	1.2	0.3	0.0	0.0
		2	4	0.57	56.7	29	na	na	3.8 J	6.7	18.1	32.4	27.2	10.1	4.2	1.1	0.2	0.0	0.0
7/22/98	BS-18T-100	0	2	1.07	35.0	10	na	na	13 J	16.2	30.9	30.7	14.2	5.3	1.9	0.7	0.2	0.0	0.0
		2	5	1.01	37.2	17	na	na	11 J	15.9	32.9	28.1	15.2	5.3	1.9	0.5	0.2	0.0	0.0

Notes:

(1) Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data has been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River PCB Database", O'Brien & Gere Engineers, Inc. September 1997.

(2) The first two characters of the location indicate the sampling investigation (BS = Broad Scale Sediment Survey). The two digit code following the first two characters indicates the nearest 1976 NYSDEC delineated "hot spot area". The letter indicates the sediment texture (C = coarse, F = fine, T = transitional). The last three digit code indicates the core group within the "hot spot" and the individual core number within the core group (00 = composite).

(3) Radionuclide data are presented as counts of picoCuries/gram, plus or minus a 95% confidence level (e.g. 2 sigma) counting error.

Key:

grab sample - indicates surface sediment grab sample collected using a ponar dredge.
J - PCB sample results approximate due to minor excursions from data validation criteria.
UJ - PCB detection limit approximate due to excursions from data validation criteria.
P - Practical quantitation limit (PQL) note for PCB values between <0.1 and 0.4 ug/g.
na - Indicates sample was not analyzed for the parameters indicated.

Source: O'Brien & Gere Engineers, Inc.

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Table 3-4. *Cesium sediment coring program - analytical results (1).*

Sampling Location	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Biphenyl Method 8270C (ug/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
CS-01	8/28/98	0	1	0.64	53.2	26	-	24	J	0.34	0.07	1.5	1.0
		1	2	0.98	38.0	27	-	48	J	0.43	0.07	<1.0	
		2	3	0.82	43.2	19	-	443	J	0.35	0.06	<1.0	
		3	4	0.60	52.7	48	-	852	J	0.54	0.08	<1.0	
		4	5	0.64	50.9	45	-	1,080	J	0.79	0.09	<1.0	
		5	6	0.66	50.7	43	-	1,171	J	0.84	0.08	<1.0	
		6	7	0.64	51.7	39	-	1,603	J	0.86	0.09	<2.0	
		7	8	0.82	42.8	32	-	1,112	J	0.73	0.08	<1.0	
		8	9	0.74	46.9	37	-	1,038	J	0.61	0.06	<1.0	
		9	10	0.83	42.8	30	-	895	J	0.62	0.09	<2.0	
		14	15	0.93	32.9	22	-	79	J	<0.06		<1.0	
		19	20	0.81	40.4	20	-	3.6	J	<0.06		<1.0	
		24	25	1.24	28.2	11	-	1.5	J	<0.05		<0.7	
	duplicate	24	25	1.18	29.5	14	-	2.8	J	<0.05		<0.8	
		29	30	1.46	16.8	1.4	-	0.3	UJP	<0.05		<0.9	
		39	40	1.23	19.6	3.4	-	0.1	UJP	<0.06		<1.0	
	duplicate	39	40	1.42	19.7	4.1	-	0.2	UJP	<0.04		<0.8	
		49	50	1.22	17.1	<1.2	-	<0.1	UJ	<0.06		<0.9	
		59	60	1.42	17.2	1.6	-	<0.1	UJ	<0.05		<0.9	
		69	70	1.50	19.2	0.8	-	0.4	JP	<0.05		<0.9	
CS-03	8/27/98	0	1	0.85	43.0	17	-	5.0	J	0.45	0.09	<1.0	
		1	2	0.89	40.8	13	-	6.8	J	0.37	0.07	<1.0	
		2	3	1.13	32.5	10	-	5.6	J	0.37	0.08	<1.0	
	duplicate	2	3	1.19	29.5	11	-	5.3	J	0.37	0.06	<1.0	
		3	4	1.22	29.1	10	-	6.2	J	0.33	0.05	<0.9	
		4	5	1.13	31.0	8.0	-	8.0	J	0.47	0.08	<1.0	
		5	6	1.11	32.2	9.3	-	8.5	J	0.41	0.06	<1.0	
		6	7	1.14	31.7	11	-	12	J	0.44	0.07	<1.0	
		7	8	1.02	34.7	16	-	13	J	0.45	0.06	<1.0	
		8	9	1.05	35.1	12	-	11	J	0.44	0.07	<1.0	
		9	10	1.03	35.2	14	-	10	J	0.49	0.09	<1.0	
		14	15	1.12	32.1	11	-	25	J	0.43	0.06	<0.9	
		19	20	1.37	21.1	3.6	-	9.3	J	0.49	0.07	<1.0	
	duplicate	19	20	1.35	21.0	3.5	-	17	J	0.32	0.07	<1.0	
		24	25	1.43	19.2	<2.2	-	8.3	J	0.36	0.06	<1.0	
		29	30	1.31	18.8	2.0	-	12	J	0.50	0.06	<1.0	
		39	40	0.69	45.7	34	-	273	J	0.44	0.07	<1.0	
		49	50	0.75	46.6	32	-	3.6	J	<0.10		<2.0	
		59	60	0.59	54.2	65	-	2.6	J	<0.09		<1.0	
		69	70	0.82	42.9	29	-	0.3	UJP	<0.09		<1.0	

Table 3-4. *Cesium sediment coring program - analytical results (1).*

Sampling Location	Date Collected	Core Depth (cm) start	end	Bulk Density (g/ml)	Percent Moisture Content	Total Organic Carbon (g/kg)	Biphenyl Method 8270C (ug/kg)	Total PCBs (ug/g)		Radionuclides (3) 137-Cesium (pCi/g)	+/-95%	7-Beryllium (pCi/g)	+/-95%
CS-04	8/27/98	0	1	0.32	71.6	62	0.27	29	J	<0.90		<20	
		1	2	0.33	70.9	65	0.24	47	J	1.1	0.5	<10	
		2	3	0.43	63.4	52	0.28	46	J	1.0	0.1	<2.0	
		3	4	0.43	64.5	59	0.30	56	J	0.89	0.09	<1.0	
		4	5	0.39	67.0	61	0.31	56	J	0.95	0.12	<2.0	
		5	6	0.36	68.3	57	0.29	55	J	1.0	0.3	<5.0	
		6	7	0.38	67.9	53	0.29	73	J	1.1	0.1	<2.0	
		7	8	0.37	68.3	61	0.30	60	J	1.1	0.1	<3.0	
		8	9	0.36	68.8	63	0.45	76	J	1.4	0.2	<2.0	
		9	10	0.40	65.1	57	0.48	90	J	1.4	0.1	<2.0	
		14	15	0.45	63.4	54	0.66	474	J	2.3	0.4	<8.0	
		19	20	0.27	75.6	99	1.57	2,516	J	4.7	0.5	<5.0	
		24	25	0.30	73.2	79	0.48	606	J	8.7	0.9	<10	
		29	30	0.46	62.4	51	0.72	254	J	1.9	0.2	<2.0	
		39	40	1.02	36.2	16	0.06	0.7	J	<0.07		<1.0	
		49	50	0.64	52.1	49	0.10	0.4	UJP	<0.10		<2.0	
		59	60	0.90	38.6	30	0.02	0.5	J	<0.10		<2.0	

Notes:

(1) Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data has been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River PCB Database", O'Brien & Gere Engineers, Inc. September 1997.

(2) The first two characters of the location indicate the sampling investigation: CS = Cesium Sediment Coring - The two digit code following the first two characters indicates the core location (1 through 4).

(3) Radionuclide data is presented as a count, in picoCuries/gram, plus or minus a 95% confidence level (+/-95%, e.g. 2 sigma) counting error.

Key:

duplicate = indicates a blind field duplicate sample submitted to the laboratory without identification of sampling location.

- = not analyzed

P = Practical quantitation limit (PQL) note for PCB values between <0.1 and 0.4 ug/g.

J = PCB sample results approximate due to minor excursions from data validation criteria.

UJ = PCB detection limit approximate due to excursions from data validation criteria

Source: O'Brien & Gere Engineers, Inc.

Table 3-5. *Cesium sediment coring program - PCB and homolog analytical results*

Sampling Location	Date Collected	Core Depth (cm) start	Core Depth (cm) end	Total PCBs (ug/g)	Homolog Distribution (weight percent) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
CS-01	8/28/98	0	1	24 J	19.7	35.1	24.8	14.0	4.4	1.6	0.3	0.1	0.0	0.0
		1	2	48 J	20.2	43.2	21.7	10.0	3.4	1.3	0.3	0.1	0.0	0.0
		2	3	443 J	19.1	59.8	14.5	4.2	1.6	0.6	0.2	0.0	0.0	0.0
		3	4	852 J	26.3	57.9	10.8	3.1	1.3	0.5	0.2	0.1	0.0	0.0
		4	5	1,080 J	27.1	59.5	9.8	2.5	0.8	0.2	0.1	0.0	0.0	0.0
		5	6	1,171 J	28.2	59.2	9.2	2.7	0.7	0.1	0.0	0.0	0.0	0.0
		6	7	1,603 J	30.2	57.6	8.7	2.4	0.8	0.2	0.0	0.0	0.0	0.0
		7	8	1,112 J	29.7	59.1	8.1	2.2	0.7	0.2	0.0	0.0	0.0	0.0
		8	9	1,038 J	29.2	59.2	8.2	2.2	0.9	0.3	0.1	0.0	0.0	0.0
		9	10	895 J	28.6	58.3	9.0	2.4	1.2	0.4	0.1	0.0	0.0	0.0
		14	15	79 J	39.4	50.5	8.0	1.7	0.4	0.1	0.0	0.0	0.0	0.0
		19	20	3.6 J	44.3	27.8	20.9	5.3	1.2	0.3	0.1	0.0	0.1	0.1
		24	25	1.5 J	8.9	22.6	44.5	16.4	5.0	1.4	0.2	0.1	0.3	0.7
	duplicate	24	25	2.8 J	11.2	31.9	37.6	13.3	4.1	1.5	0.4	0.1	0.0	0.0
		29	30	0.3 UJP	44.3	18.9	21.1	11.8	3.5	0.5	0.0	0.0	0.0	0.0
		39	40	0.1 UJP	28.3	15.9	30.8	20.2	4.3	0.6	0.0	0.0	0.0	0.0
	duplicate	39	40	0.2 UJP	68.3	15.9	7.1	3.7	1.8	2.2	1.0	0.0	0.0	0.0
		49	50	<0.1 UJ	-	-	-	-	-	-	-	-	-	-
		59	60	<0.1 UJ	-	-	-	-	-	-	-	-	-	-
		69	70	0.4 JP	0.0	2.1	23.3	19.0	10.4	17.9	20.3	6.8	0.1	0.1

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Table 3-5. *Cesium sediment coring program - PCB and homolog analytical results*

Sampling Location	Date Collected	Core Depth (cm) start	Core Depth (cm) end	Total PCBs (ug/g)	Homolog Distribution (weight percent) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
CS-03	8/27/98	0	1	5.0 J	15.1	29.9	31.7	16.1	5.0	1.8	0.4	0.1	0.0	0.0
		1	2	6.8 J	15.6	30.1	30.0	16.0	5.6	2.0	0.4	0.1	0.0	0.0
		2	3	5.6 J	16.0	29.5	30.8	16.4	5.1	1.8	0.3	0.1	0.0	0.0
	duplicate	2	3	5.3 J	29.3	24.4	26.5	13.7	4.2	1.5	0.3	0.1	0.0	0.0
		3	4	6.2 J	33.3	23.8	26.0	12.0	3.5	1.2	0.2	0.1	0.0	0.0
		4	5	8.0 J	30.2	26.8	25.6	12.1	3.7	1.2	0.2	0.1	0.0	0.0
		5	6	8.5 J	30.7	26.4	25.2	12.2	3.8	1.4	0.3	0.1	0.0	0.0
		6	7	12 J	27.2	29.7	26.2	11.4	3.8	1.3	0.3	0.1	0.0	0.0
		7	8	13 J	27.3	29.1	25.9	11.9	4.0	1.4	0.4	0.1	0.0	0.0
		8	9	11 J	26.4	28.6	26.3	12.5	4.3	1.5	0.4	0.1	0.0	0.0
		9	10	10 J	16.3	31.9	30.8	13.8	4.7	1.7	0.6	0.2	0.0	0.0
		14	15	25 J	15.5	40.0	30.5	10.2	2.7	0.8	0.2	0.0	0.0	0.0
		19	20	9.3 J	22.7	40.3	23.5	8.2	3.2	1.2	0.6	0.2	0.0	0.0
	duplicate	19	20	17 J	19.7	45.2	22.2	7.6	3.2	1.2	0.7	0.2	0.0	0.0
	8/27/98	24	25	8.3 J	25.1	42.7	21.9	6.9	2.2	0.8	0.3	0.1	0.0	0.0
		29	30	12 J	26.0	49.0	16.8	5.2	1.8	0.8	0.3	0.1	0.0	0.0
		39	40	273 J	21.5	55.2	15.8	5.0	1.8	0.5	0.2	0.0	0.0	0.0
		49	50	3.6 J	37.6	43.2	11.9	4.6	1.7	0.7	0.2	0.0	0.0	0.0
		59	60	2.6 J	37.5	44.8	11.3	4.7	1.3	0.3	0.0	0.0	0.0	0.0
		69	70	0.3 UJP	64.9	11.0	12.1	9.4	2.2	0.6	0.0	0.0	0.0	0.0

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Table 3-5. *Cesium sediment coring program - PCB and homolog analytical results*

Sampling Location	Date Collected	Core Depth (cm) start	Core Depth (cm) end	Total PCBs (ug/g)	Homolog Distribution (weight percent) mono	di	tri	tetra	penta	hexa	hepta	octa	nona	deca
CS-04	8/27/98	0	1	29 J	16.3	31.9	28.5	14.8	5.7	1.9	0.6	0.2	0.0	0.0
		1	2	47 J	14.9	34.9	28.2	14.2	5.2	1.8	0.6	0.2	0.0	0.0
		2	3	46 J	13.4	37.5	28.7	13.3	4.9	1.6	0.5	0.1	0.0	0.0
		3	4	56 J	12.8	37.9	29.1	13.7	4.7	1.4	0.3	0.1	0.0	0.0
		4	5	56 J	14.1	36.3	28.5	13.8	5.0	1.6	0.5	0.1	0.0	0.0
		5	6	55 J	11.7	37.4	30.5	13.8	4.7	1.4	0.4	0.1	0.0	0.0
		6	7	73 J	12.4	36.5	31.1	13.7	4.5	1.4	0.4	0.1	0.0	0.0
		7	8	60 J	14.4	34.5	30.0	14.3	4.9	1.5	0.4	0.1	0.0	0.0
		8	9	76 J	12.1	34.2	32.2	14.6	4.9	1.5	0.4	0.1	0.0	0.0
		9	10	90 J	11.6	32.7	34.2	15.0	4.7	1.4	0.3	0.1	0.0	0.0
		14	15	474 J	25.2	51.3	15.5	5.6	1.8	0.5	0.1	0.0	0.0	0.0
		19	20	2,516 J	27.4	55.3	9.8	4.7	2.2	0.5	0.1	0.0	0.0	0.0
		24	25	606 J	33.6	48.5	10.8	4.5	1.7	0.6	0.2	0.1	0.0	0.0
		29	30	254 J	23.4	52.6	15.0	5.6	2.2	1.0	0.2	0.0	0.0	0.0
		39	40	0.7 J	13.7	28.7	39.1	14.0	3.3	0.9	0.2	0.0	0.0	0.0
		49	50	0.4 UJP	24.4	27.3	24.2	14.4	4.9	2.9	1.8	0.2	0.0	0.0
		59	60	0.5 J	18.6	41.9	23.8	11.2	3.1	1.2	0.2	0.1	0.0	0.0

Notes:

(1) Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data has been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River PCB Database", O'Brien & Gere Engineers, Inc. September 1997.

(2) The first two characters of the location indicate the sampling investigation: CS = Cesium Sediment Coring - The two digit code following the first two characters indicates the core location (1 through 4).

Key:

duplicate = indicates a blind field duplicate sample submitted to the laboratory without identification of sampling location.

J - PCB sample results approximate due to minor excursions from data validation criteria.

UJ - PCB detection limit approximate due to excursions from data validation criteria.

P - Practical quantitation limit (PQL) note for PCB values between <0.1 and 0.4 ug/g.

Source: O'Brien & Gere Engineers, Inc.

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Table 3-6. ***Quality assurance/quality control***

A. Blind duplicate evaluation

Sampling Program	Date Collected	Sampling Location	Total PCB Results (ug/g) Original	Duplicate	Relative Difference (percent)	
Focused	06/23/98	FS-08-4 (5-23CM)	67	84	23	
Sediment	06/23/98	FS-09-3 (69-77CM)	135	160	17	
Coring	08/25/98	FS-09-5 (5-23CM)	5.6 J	4.5 J	21	
	06/24/98	FS-16-1 (5-23CM)	0.7 J	0.4 JP	58	*
	06/24/98	FS-16-3 (5-23CM)	61	77	24	
	06/24/98	FS-16-3 (46-60CM)	0.4 JP	0.1 UP	102	*
	08/20/98	FS-28-2 (24-25CM)	1,155 J	1,484 J	25	
	08/20/98	FS-28-2 (99-100CM)	0.8 J	0.7 J	14	
	08/14/98	FS-28-3 (39-40CM)	1,933	1,857	4.0	
	08/21/98	FS-28-4 (14-15CM)	141 J	108 J	26	
	08/21/98	FS-28-4 (39-40CM)	571 J	513 J	11	
	08/19/98	FS-37-1 (14-15CM)	9.4 J	21 J	77	
	08/17/98	FS-37-2 (39-40CM)	6.0	5.2	14	
	08/18/98	FS-37-2 (74-75CM)	0.7	0.5	27	
	08/19/98	FS-37-3 (24-25CM)	81	80	1.3	
	08/18/98	FS-37-4 (59-60CM)	89	92	3.2	
Broad-Scale	08/24/98	BS-08F-200 (2-5CM)	67 J	64 J	4.9	
Sediment	08/25/98	BS-08F-300 (2-5CM)	96 J	119 J	21	
Survey	07/23/98	BS-14T-100 (2-5CM)	40 J	42 J	6.0	
Cesium	08/28/98	CS-01 (24-25CM)	1.5 J	2.8 J	59	
Sediment	08/28/98	CS-01 (39-40CM)	0.1 UJP	0.2 UJP	45	*
Coring	08/27/98	CS-03 (2-3CM)	5.6 J	5.3 J	7.0	
	08/27/98	CS-03 (19-20CM)	9.3 J	17 J	84	

Notes:

J = PCB sample results approximate due to minor excursions from data validation criteria.

P = Practical quantitation limit (PQL) note for PCB values between <0.1 and 0.4 ug/g.

U = Elevated PCB detection limit due to excursions from data validation criteria.

UJ = PCB detection limit approximate due to excursions from data validation criteria.

* = Elevated relative percent difference values are common at concentrations near the analytical detection limit where small variabilities in sample concentrations cause the RPD statistic to be higher than the general guidance criteria. Therefore, where sample concentrations are less than five times the detection limit, the difference between the original and duplicate sample concentrations is evaluated. Where the difference exceeds the detection limit value, the data are qualified.

B. Equipment blank results

Date Collected	Equipment Blank Type	Analytical Method	Total PCBs
06/23/98	Sodium Sulfate	NEA608CAP	<0.1 ug/g
09/01/98	Sodium Sulfate	NEA608CAP	<0.1 ug/g
10/27/98	Rinse Water (SED-B)	8082	<11 ng/l
10/27/98	Rinse Water (SED-KS)	8082	<11 ng/l

FIGURES

315792

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HUDSON RIVER PCBS UPDATE #8
FIGURE 1-1
SITE MAP (Page: 315793)

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HUDSON RIVER PCBS UPDATE #8
FIGURE 1-2
FOCUSED CORING SAMPLING LOCATIONS
(Page: 315794)

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HUDSON RIVER PCBS UPDATE #8
FIGURE 1-3
BROAD SCALE CORING LOCATIONS
(Page: 315795)

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FIGURE 1-4
LOCATIONS OF CESIUM-137 CORINGS
(Page: 315796)

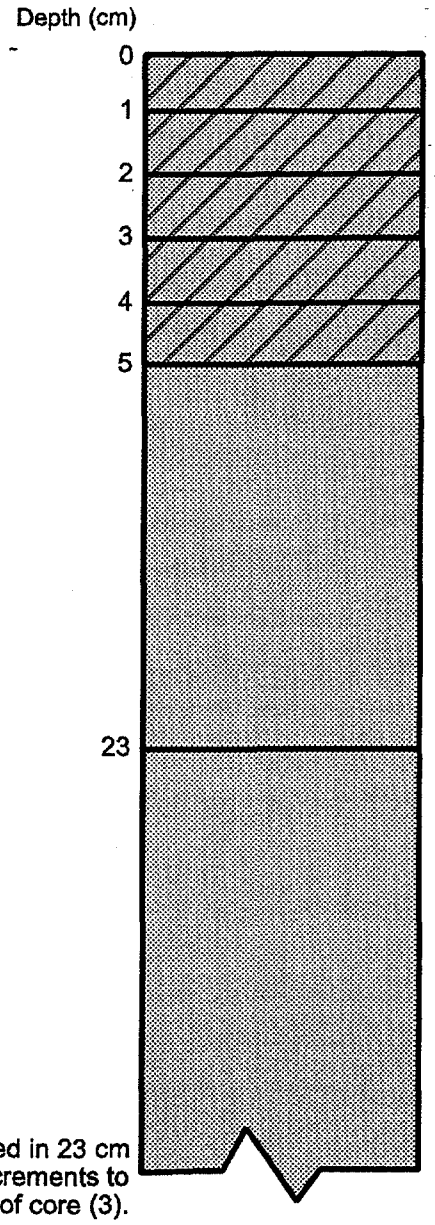
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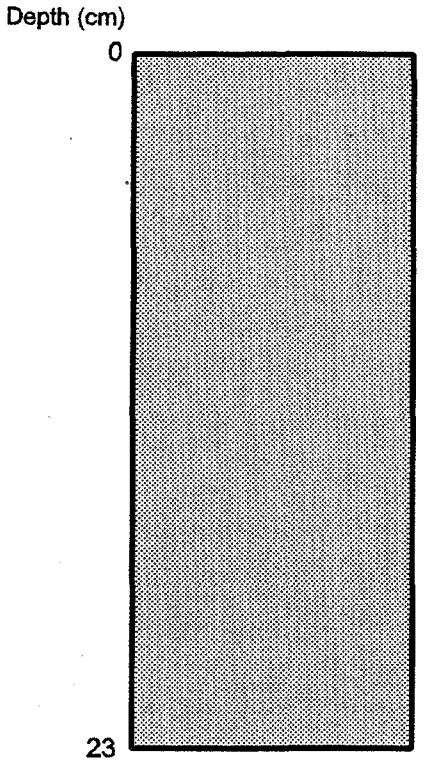
Figure 2-1. Segmentation and Analytical Scheme for Focused Sediment Coring. (1)

PRIMARY

A. Deep Single Cores



B. Shallow Cluster Cores (2)

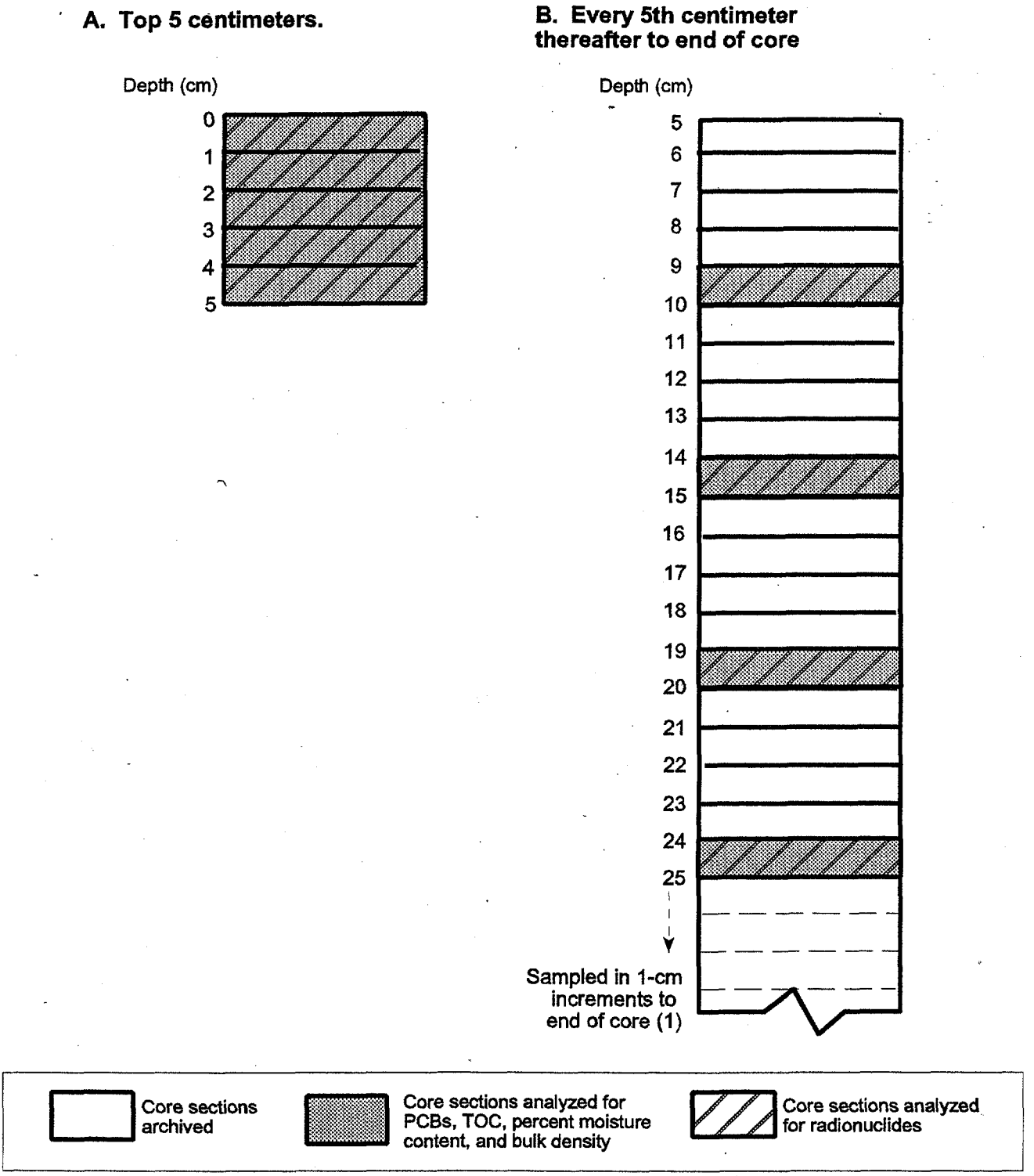


Core sections analyzed for PCBs, TOC, percent moisture content, and bulk density

Core sections analyzed for radionuclides

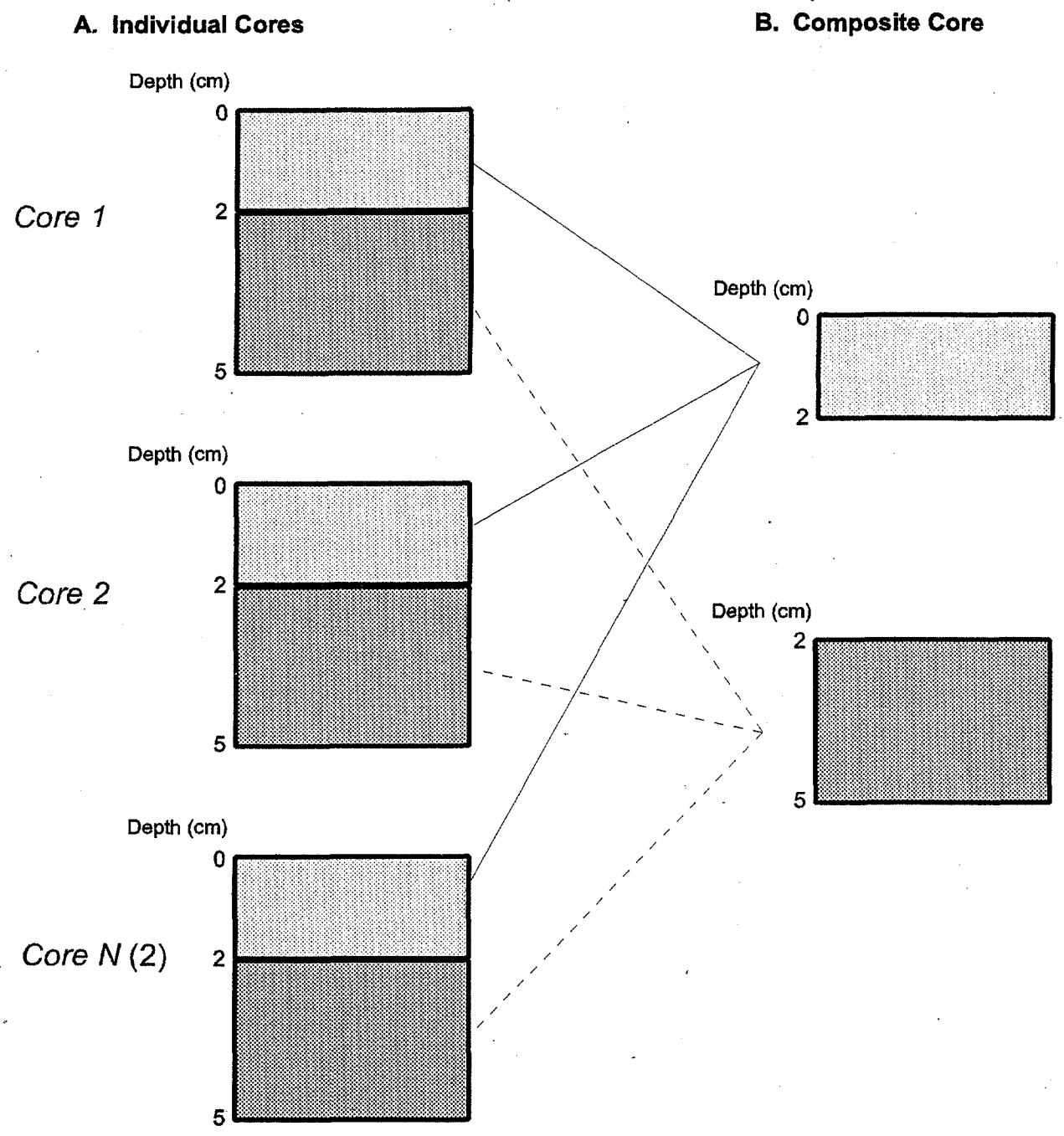
Notes:
(1) This segmentation and analytical scheme applies to Focused Sediment Coring samples for locations excluding FS-28 and FS-37.
(2) Four shallow cluster cores were collected in a two-foot radius equidistant from deep single cores collected at locations FS-08, FS-09, FS-14, and FS-16.
(3) Total core depths vary with sample location.

Figure 2-2. Segmentation and Analytical Scheme for Focused Sediment Coring Program sampling locations FS-28 and FS-37.



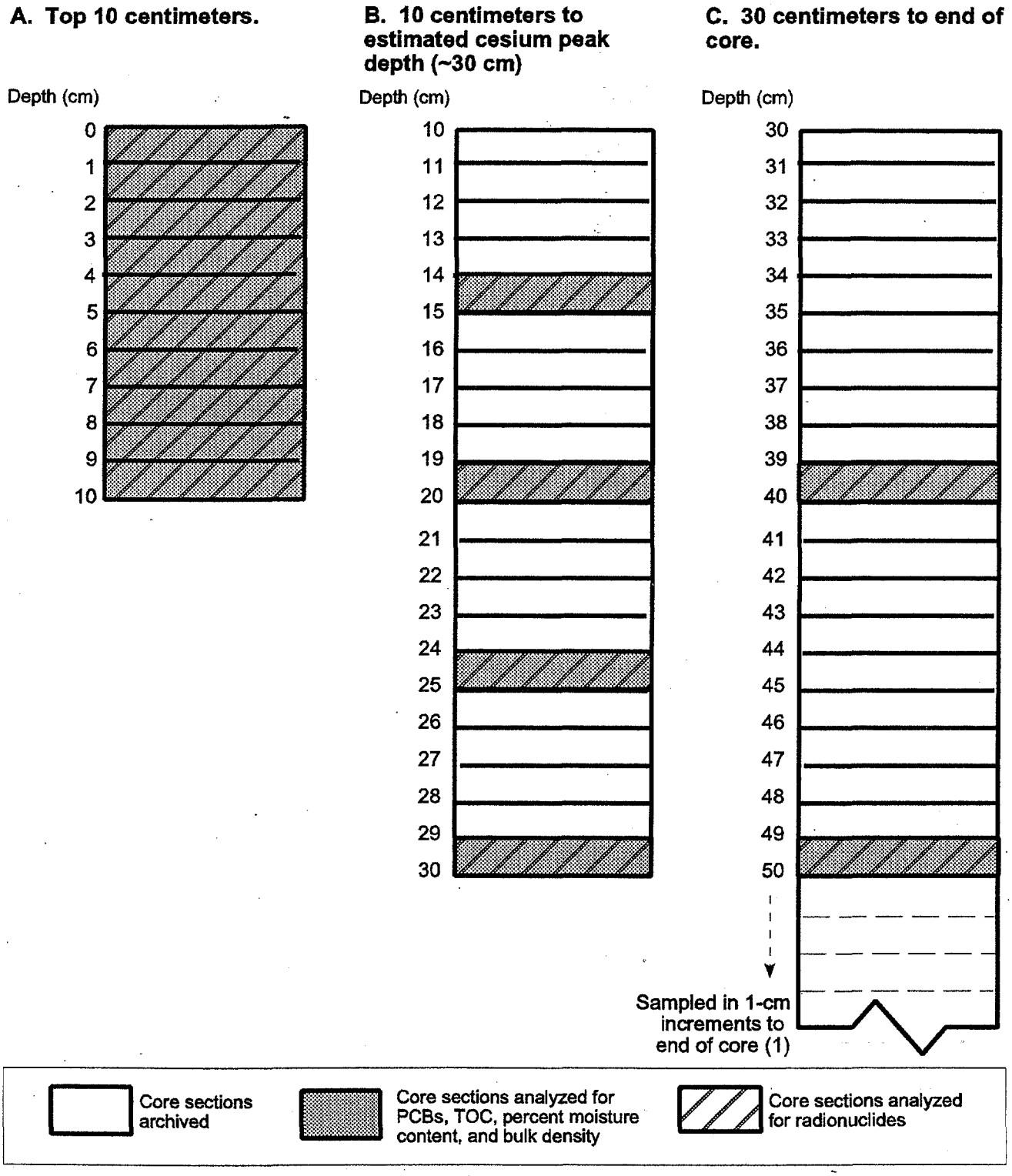
Note:
(1) Total core depths vary with sample location.

Figure 2-3. Segmentation and Analytical Scheme for Broad-scale Sediment Survey (1)



Notes:
(1) Composites of 0-2 cm and 2-5 cm collected from N number of individual cores. Composite core sections were analyzed for PCBs, TOC, percent moisture content, and bulk density. Sediment from individual cores were also archived.
(2) Number of cores in each composite sample varied by composite.

Figure 2-4. Segmentation and Analytical Scheme for Cesium-137 Sediment Coring Program.



Note:
(1) Total core depths vary with sample location.

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HUDSON RIVER PCBS UPDATE #8
FIGURE 3-1
FOCUSED CORING LOCATIONS AND PCB DATA, THOMPSON ISLAND POOL
(Page: 315801)

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FIGURE 3-2
FOCUSED CORE SAMPLING LOCATIONS AND PCB DATA, DOWNSTREAM OF THOMPSON ISLAND POOL (Page: 315802)

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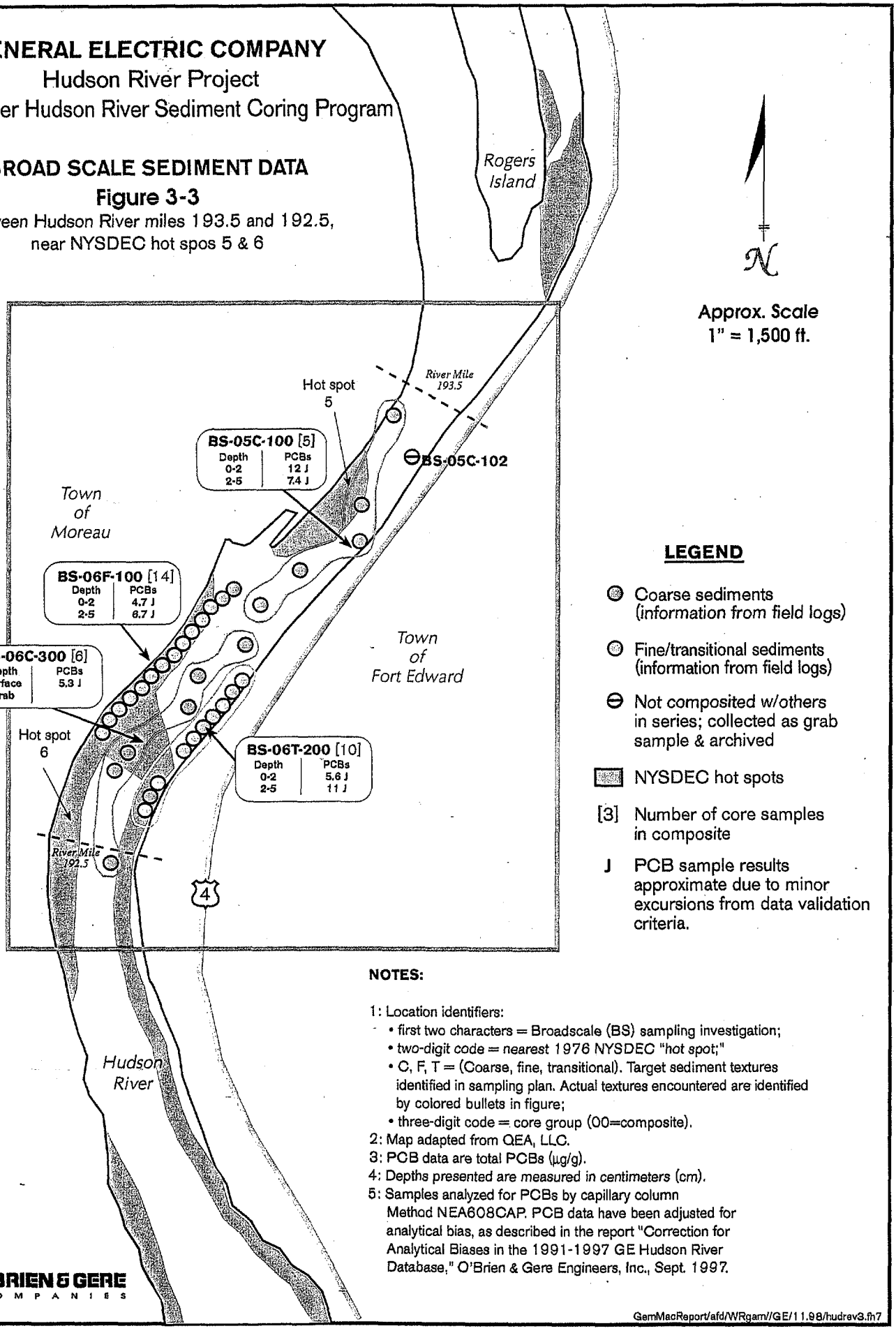
Hudson River Project

1998 Upper Hudson River Sediment Coring Program

BROAD SCALE SEDIMENT DATA

Figure 3-3

Between Hudson River miles 193.5 and 192.5,
near NYSDEC hot spos 5 & 6



LEGEND

- Coarse sediments (information from field logs)
- Fine/transitional sediments (information from field logs)
- Not composited w/others in series; collected as grab sample & archived
- NYSDEC hot spots
- [3] Number of core samples in composite
- J PCB sample results approximate due to minor excursions from data validation criteria.

NOTES:

1: Location identifiers:
- first two characters = Broadscale (BS) sampling investigation;
- two-digit code = nearest 1976 NYSDEC "hot spot;"
- C, F, T = (Coarse, fine, transitional). Target sediment textures identified in sampling plan. Actual textures encountered are identified by colored bullets in figure;
- three-digit code = core group (00=composite).

2: Map adapted from QEA, LLC.
3: PCB data are total PCBs (µg/g).
4: Depths presented are measured in centimeters (cm).
5: Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data have been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River Database," O'Brien & Gere Engineers, Inc., Sept. 1997.

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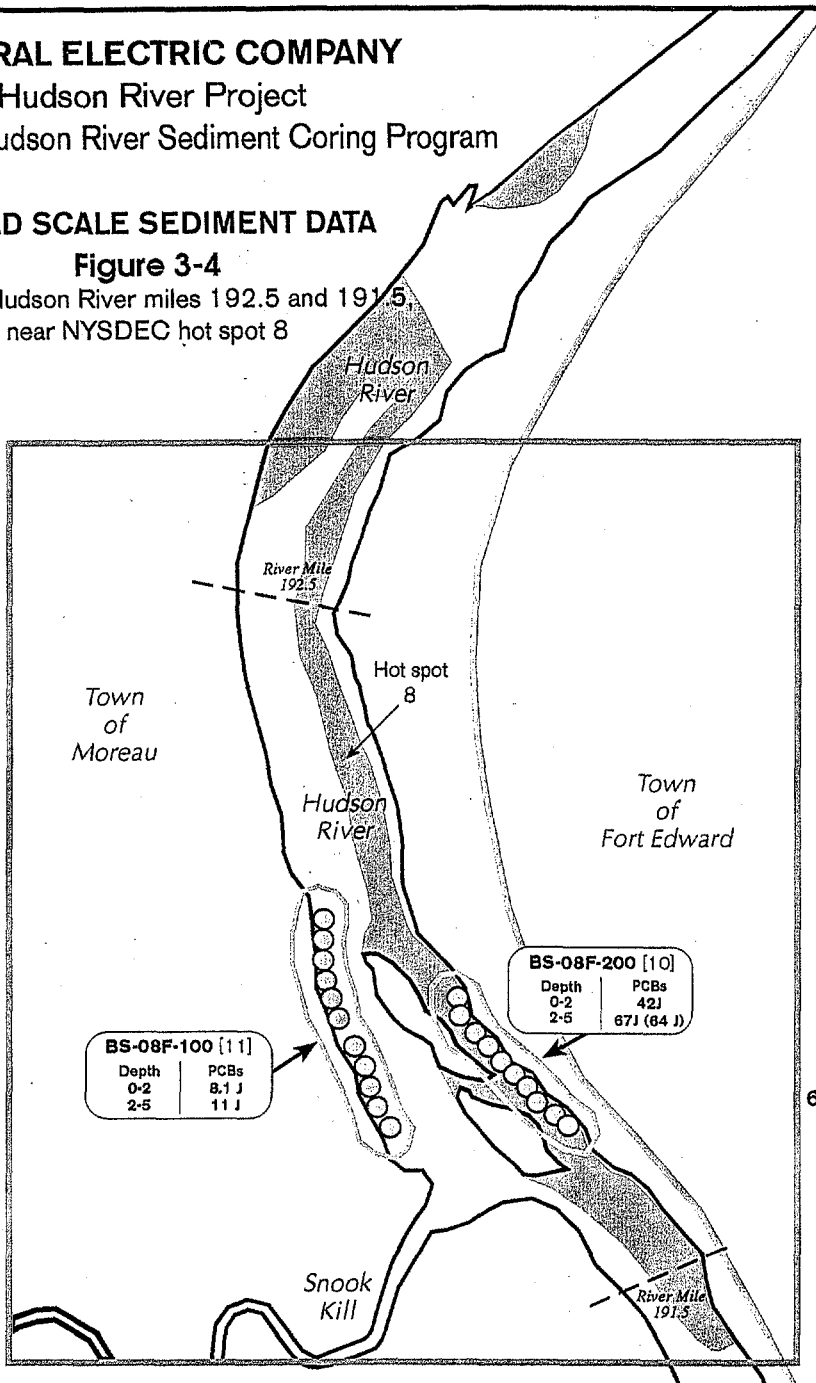
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1998 Upper Hudson River Sediment Coring Program

BROAD SCALE SEDIMENT DATA

Figure 3-4

Between Hudson River miles 192.5 and 191.5, near NYSDEC hot spot 8



N

Approx. Scale
1" = 1,500 ft.

LEGEND

- Fine/transitional sediments (information from field logs)
- NYSDEC hot spots
- [3] Number of core samples in composite
- 6.7 (7.0) Duplicate data
- J PCB sample results approximate due to minor excursions from data validation criteria.

NOTES:

1: Location identifiers:
- first two characters = Broadscale (BS) sampling investigation;
- two-digit code = nearest 1976 NYSDEC "hot spot;"
- C, F, T = (Coarse, fine, transitional). Target sediment textures identified in sampling plan. Actual textures encountered are identified by colored bullets in figure;
- three-digit code = core group (00=composite).

2: Map adapted from QEA, LLC.

3: PCB data are total PCBs (µg/g).

4: Depths presented are measured in centimeters (cm).

5: Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data have been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River Database," O'Brien & Gere Engineers, Inc., Sept. 1997.

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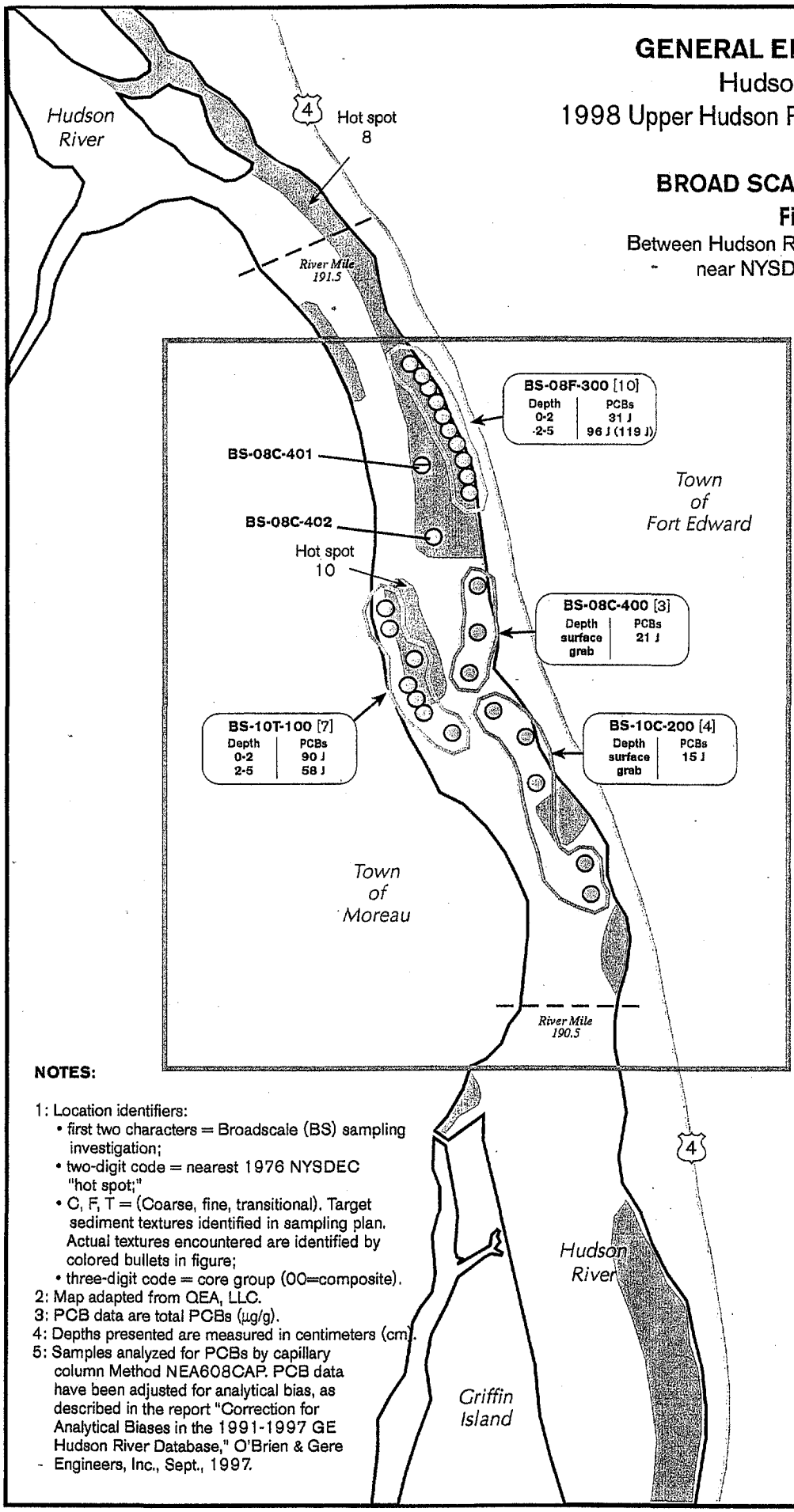
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BROAD SCALE SEDIMENT DATA

Figure 3-5

Between Hudson River miles 191.5 and 190.5,
near NYSDEC hot spots 8 & 10



Approx. Scale
1" = 1,000 ft.

LEGEND

- Coarse composites (information from field logs)
- Fine/transitional composites (information from field logs)
- No recovery
- Not composited w/others in series; collected as grab sample & archived
- NYSDEC hot spots
- [3] Number of core samples in composite
- J PCB sample results approximate due to minor excursions from data validation criteria.

NOTES:

1: Location identifiers:
- first two characters = Broadscale (BS) sampling investigation;
- two-digit code = nearest 1976 NYSDEC "hot spot;"
- C, F, T = (Coarse, fine, transitional). Target sediment textures identified in sampling plan. Actual textures encountered are identified by colored bullets in figure;
- three-digit code = core group (00=composite).

2: Map adapted from QEA, LLC.
3: PCB data are total PCBs (µg/g).
4: Depths presented are measured in centimeters (cm).
5: Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data have been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River Database," O'Brien & Gere Engineers, Inc., Sept., 1997.

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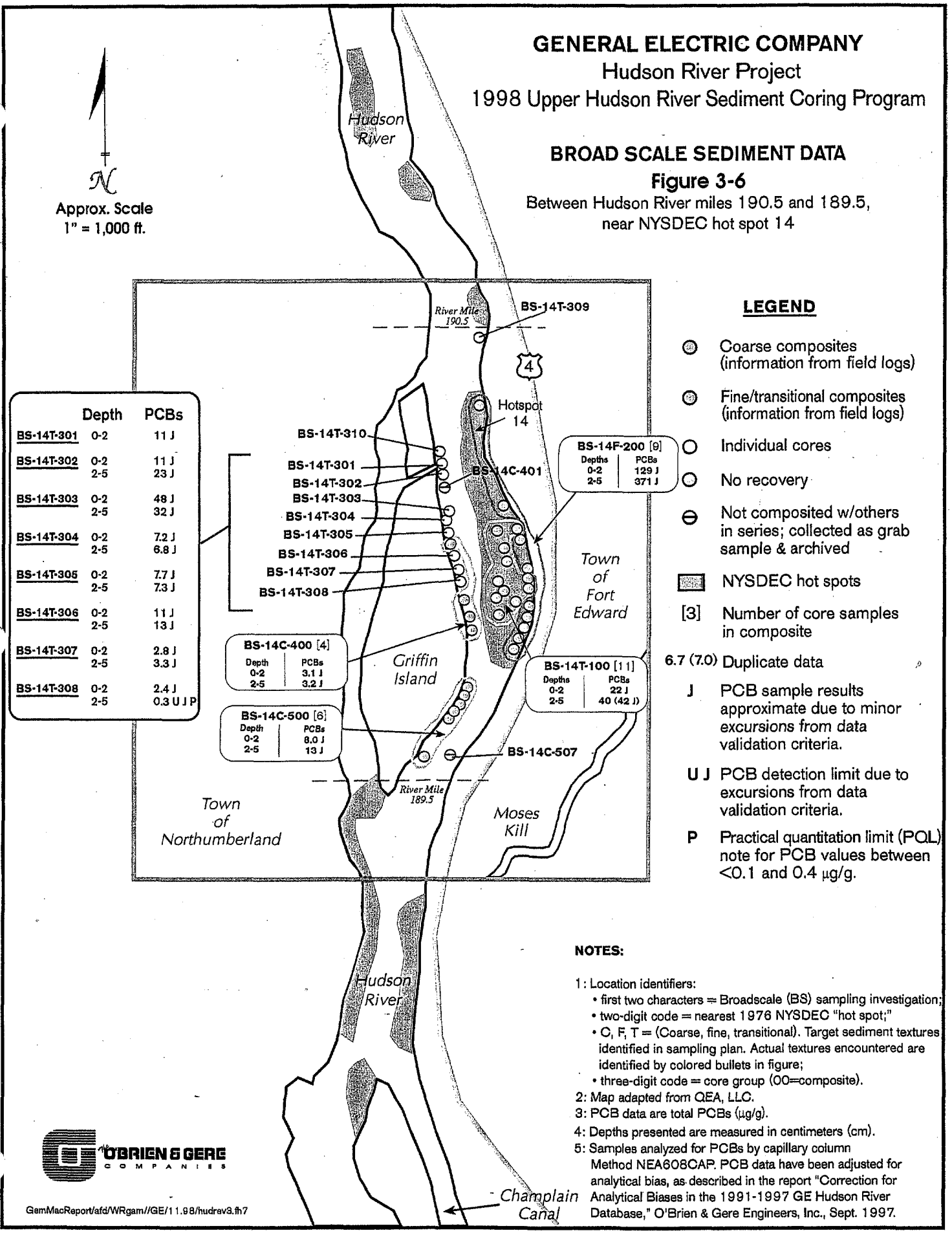
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1998 Upper Hudson River Sediment Coring Program

BROAD SCALE SEDIMENT DATA

Figure 3-6

Between Hudson River miles 190.5 and 189.5, near NYSDEC hot spot 14



	Depth	PCBs
BS-14T-301	0-2	11 J
BS-14T-302	0-2	11 J
	2-5	23 J
BS-14T-303	0-2	48 J
	2-5	32 J
BS-14T-304	0-2	7.2 J
	2-5	6.8 J
BS-14T-305	0-2	7.7 J
	2-5	7.3 J
BS-14T-306	0-2	11 J
	2-5	13 J
BS-14T-307	0-2	2.8 J
	2-5	3.3 J
BS-14T-308	0-2	2.4 J
	2-5	0.3 U J P

LEGEND

- Coarse composites (information from field logs)
- Fine/transitional composites (information from field logs)
- Individual cores
- No recovery
- Not composited w/others in series; collected as grab sample & archived
- NYSDEC hot spots
- [3] Number of core samples in composite
- 6.7 (7.0) Duplicate data
- J PCB sample results approximate due to minor excursions from data validation criteria.
- U J PCB detection limit due to excursions from data validation criteria.
- P Practical quantitation limit (PQL) note for PCB values between <0.1 and 0.4 µg/g.

NOTES:

1: Location identifiers:
- first two characters = Broadscale (BS) sampling investigation;
- two-digit code = nearest 1976 NYSDEC "hot spot;"
- C, F, T = (Coarse, fine, transitional). Target sediment textures identified in sampling plan. Actual textures encountered are identified by colored bullets in figure;
- three-digit code = core group (00=composite).

2: Map adapted from QEA, LLC.

3: PCB data are total PCBs (µg/g).

4: Depths presented are measured in centimeters (cm).

5: Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data have been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River Database," O'Brien & Gere Engineers, Inc., Sept. 1997.

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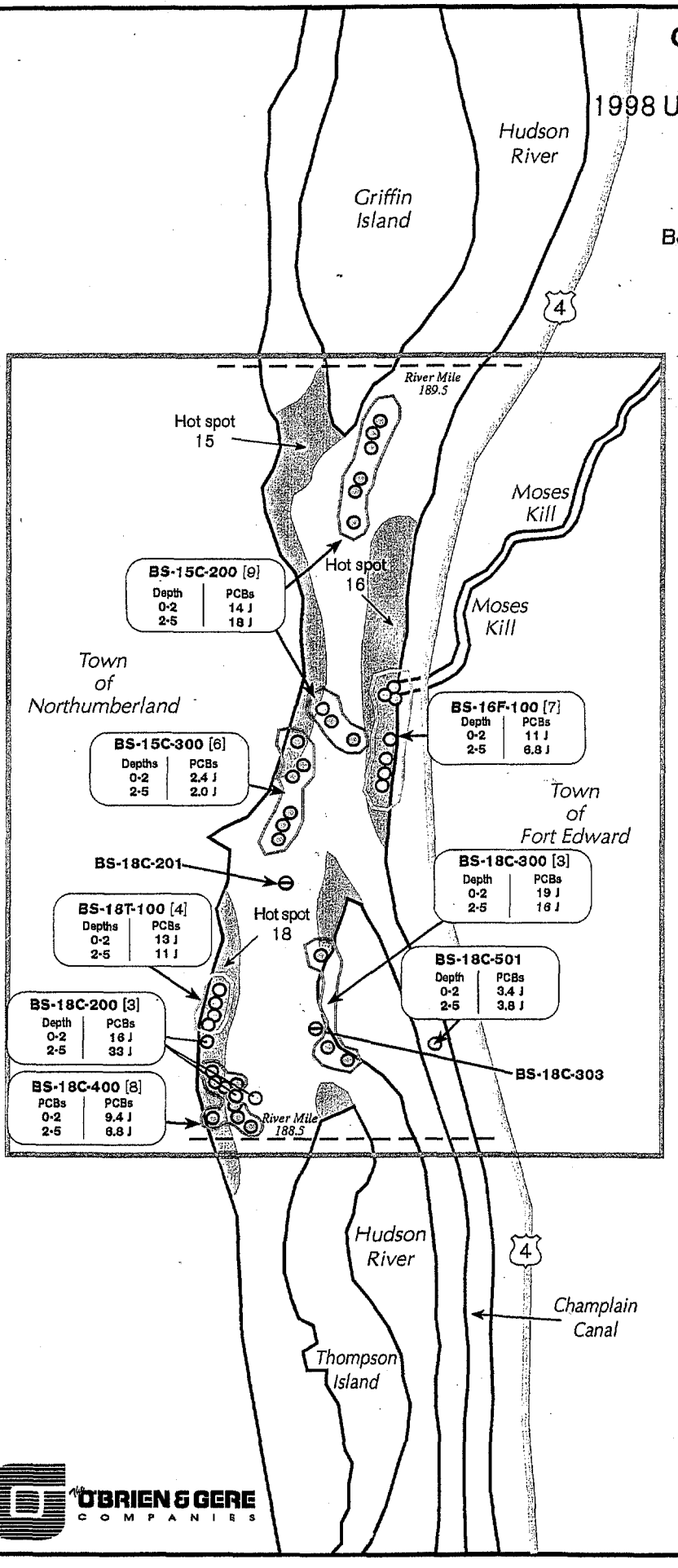
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1998 Upper Hudson River Sediment Coring Program

BROAD SCALE SEDIMENT DATA

Figure 3-7

Between Hudson River miles 189.5 and 188.5, near NYSDEC hot spots 15, 16 & 18



Approx. Scale
1" = 1,000 ft.

LEGEND

- Coarse sediments (information from field logs)
- Fine/transitional sediments (information from field logs)
- Individual cores
- Not composited w/others in series; collected as grab sample & archived
- NYSDEC hot spots
- [3] Number of core samples in composite
- J PCB sample results approximate due to minor excursions from data validation criteria.

NOTES:

1: *Location identifiers:*
- first two characters = Broadscale (BS) sampling investigation;
- two-digit code = nearest 1976 NYSDEC "hot spot;"
- C, F, T = (Coarse, fine, transitional). Target sediment textures identified in sampling plan. Actual textures encountered are identified by colored bullets in figure;
- three-digit code = core group (00=composite).

2: Map adapted from QEA, LLC.
3: PCB data are total PCBs (µg/g).
4: Depths presented are measured in centimeters (cm).
5: Samples analyzed for PCBs by capillary column Method NEA608CAP. PCB data have been adjusted for analytical bias, as described in the report "Correction for Analytical Biases in the 1991-1997 GE Hudson River Database," O'Brien & Gere Engineers, Inc., Sept. 1997.

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APPENDICES

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APPENDIX A

GLOBAL

Gobal positioning system (GPS) data

Appendix A. Global positioning system (GPS) data

A.1. Location methodology

The global position system (GPS) unit used to locate sampling stations for the 1998 Upper Hudson River Sediment Coring Program was a Leica model SR-9500. The system consisted of a base station unit to be set up at a bench mark with known coordinates and a rover unit which contained target coordinates of sampling locations. Use of the base GPS station and rover GPS combination allows differential correction of satellite transmissions to a coordinate accuracy of approximately one foot. The rover unit was positioned on the sampling boat at the sampling port to allow positioning of the boat on the target sampling locations. The GPS system allowed reoccupation of sampling stations sampled for previous sampling programs.

Coordinates for the bench marks and check points were obtained from the 1991 Sediment Survey report (Table A-1; O'Brien & Gere 1993). Coordinates for the sampling stations are presented (in NAD27 state plane coordinates) for the Focused, Broad Scale, and Cesium sediment sampling programs in Tables A-2, A-3, and A-4, respectively. Generally, target sampling locations were achieved within 4 feet. Raw data downloaded from the GPS unit are also presented in latitude/longitude coordinates (Attachment A-2) and NAD27 northing/easting coordinates (Attachment A-3).

The accuracy of the measurements was assessed daily by occupying a reference point in the vicinity of the base station with the rover unit (Table A-1, Attachment A-1). The north-south orientation of the river allowed sampling location surveying using the rover unit up to approximately 4 miles from the base station. Minor interferences occurred along shore locations with tree cover.

Horizontal controls of sampling locations were dependent on the accuracy of measurements obtained by previous sampling programs. Approximation of vertical control was sufficient for intended measurement of horizontal positions of sampling locations. Vertical control was approximated with assumed elevations of 126 feet used at the Fort Edward and Fort Miller base stations.

During field GPS data collection activities, reliability of the coordinate data was evaluated by monitoring the stability of measured coordinates and coordinate quality (CQ) along with satellite link. Once positioned at a target sample location, the GPS readings were allowed to stabilize before recording observations. Acceptable parameters for data recording consisted of :

- A minimum of 5 satellites were used to provide acceptable accuracy of coordinate data. Satellite links were monitored on the display screens of the GPS units.

- A CQ of less than 4 feet was used.

Coordinate data were recorded in field logs and electronically stored in the GPS unit. The electronic data was downloaded at the end of the project. Minor discrepancies between documentation recorded in field logs and electronic files are expected as the electronic data is the average of several observations whereas the field log data are instantaneous measurements.

References

O'Brien & Gere Engineers, Inc. (O'Brien & Gere). 1993. Hudson River Project 1991 Sediment Sampling and Analysis Program: Appendix G - Horizontal and Vertical Control. Syracuse, NY: O'Brien & Gere, May 1993.

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Table A-1. *Surveyed benchmarks and checkpoints*

Description		Location		Description
Fort Edward - Lock 7				
Base station:	Red Rock 7	Lat Long N E	43 15 22.015550N 73 35 6.320120W 1612623.892 735841.370	Lock 7 southwest pier offset from HR-505
Checkpoint:	HR-505	Lat Long N E	43 15 21.786091N 73 35 6.62446W 1612600.416 735819.105	Lock 7 southwest pier, benchmark established for 1991 sediment survey
Fort Miller - Lock 6				
Base station:	Fort Miller	Lat Long N E	43 11 12.616370N 73 34 47.796960W 1587390.214 737489.682	USGS benchmark between Rte. 4 and Champlain Canal south of gate structure
Checkpoint:	PI-93-A	Lat Long N E	43 11 45.51353 73 35 04.74249 1165410.621 699650.966	Lock 6 northwest pier, benchmark established for 1991 sediment survey
Mechanicville - Lock 3				
Base station:	HR-524	Lat Long N E	42 54 43.747874N 73 40 39.324800W 1487011.067 712429.685	Lock 3, northwest pier, concrete pad west side of Lock 3; benchmark established for 1991 sediment survey
Checkpoint:	HR-523A	Lat Long N E	42 55 06.12069 73 40 15.38234 1064037.658 677438.914	north of Stillwater; east side of most easterly concrete railroad bridge abutment; benchmark established for 1991 sediment survey

Notes:

Base = Base stations used as global positioning system (GPS) reference points
Checkpoint = Stations used to check accuracy of GPS measurements; accuracy confirmed by measuring difference of actual data with input data using the rover unit.
Lat = Latitude
Long = Longitude
N = Northing, NAD27
E = Easting, NAD27

Source: *Horizontal Control* developed for Hudson River Project 1991 Sediment Survey, September 30, 1991, O'Brien & Gere Engineers, Inc.

Table A-2. *Target and actual sampling coordinates for Focused Sediment Coring Program.*

Sample Location	Approx. River Mile	Target Coordinates (NAD27 feet)		Actual Coordinates (NAD27 feet)		Difference (1) Target-Actual (feet)	
		Northing	Easting	Northing	Easting	Northing	Easting
FS-08-1	191.6	1177883	698478	1177883.0	698478.0	0.0	0.0
FS-08-2	191.5	1177854	698594	1177855.5	698592.4	1.5	1.6
FS-08-21	191.5	1177856	698594	1177857.5	698590.6	1.5	3.4
FS-08-22	191.5	1177854	698596	1177860.1	698593.4	6.1	2.6
FS-08-23	191.5	1177852	698594	1177859.0	698595.6	7.0	1.6
FS-08-24	191.5	1177854	698592	1177857.0	698593.9	3.0	1.9
FS-08-3	191.5	1177730	698620	1177725.3	698619.2	4.7	0.8
FS-08-4	191.5	1177698	698742	1177697.7	698742.5	0.3	0.5
FS-08-5	192.0	1178630	697384	1178627.6	697384.3	2.4	0.3
FS-08-6	192.0	1178430	697673	1178429.0	697671.9	1.0	1.1
FS-08-7	192.0	1178400	697781	1178399.8	697781.8	0.2	0.8
FS-09-1	191.4	1177053	698710	1177051.5	698709.4	1.5	0.6
FS-09-2	191.4	1176923	698737	1176924.4	698735.1	1.4	1.9
FS-09-21	191.4	1176925	698737	1176926.1	698733.0	1.1	4.0
FS-09-22	191.4	1176923	698739	1176926.3	698736.1	3.3	2.9
FS-09-23	191.4	1176921	698737	1176923.0	698736.7	2.0	0.3
FS-09-24	191.4	1176923	698735	1176922.3	698733.6	0.7	1.4
FS-09-3	191.3	1176684	698809	1176683.7	698808.2	0.3	0.8
FS-09-4	191.3	1176559	698834	1176560.3	698834.6	1.3	0.6
FS-09-5A	191.0	1176814	698767	1176813.8	698765.7	0.2	1.3
FS-09-5B	191.0	1176814	698767	1176814.8	698767.7	0.8	0.7
FS-14-1	190.0	1169988	701074	1169987.3	701072.0	0.7	2.0
FS-14-11	190.0	1169990	701074	1169989.0	701070.7	1.0	3.3
FS-14-12	190.0	1169988	701076	1169989.5	701074.4	1.5	1.6
FS-14-13	190.0	1169986	701074	1169986.9	701075.1	0.9	1.1
FS-14-14	190.0	1169988	701072	1169987.5	701071.8	0.5	0.2
FS-16-1	189.4	1167224	700189	1167224.1	700192.0	0.1	3.0
FS-16-11	189.4	1167226	700189	1167225.5	700188.2	0.5	0.8
FS-16-12	189.4	1167224	700191	1167226.0	700190.7	2.0	0.3
FS-16-13	189.4	1167222	700189	1167225.1	700189.1	3.1	0.1
FS-16-14	189.4	1167224	700187	1167228.1	700187.1	4.1	0.1
FS-16-2	189.4	1167108	700188	1167107.7	700188.4	0.3	0.4
FS-16-3	189.4	1166976	700180	1166976.0	700233.0	0.0	53.0
FS-28-1	186.0	1151197	701022	1151195.0	701019.7	2.0	2.3
FS-28-2	186.0	1150852	701364	1150852.8	701366.4	0.8	2.4
FS-28-3	186.0	1150394	701455	1150396.1	701454.2	2.1	0.8
FS-28-4	186.0	1149939	701418	1149936.6	701421.1	2.4	3.1

Table A-2. *Target and actual sampling coordinates for Focused Sediment Coring Program.*

Sample Location	Approx. River Mile	Target Coordinates (NAD27 feet)		Actual Coordinates (NAD27 feet)		Difference (1) Target-Actual (feet)	
		Northing	Easting	Northing	Easting	Northing	Easting
FS-37-1	166.0	1064038	676500	1064037.0	676498.0	1.0	2.0
FS-37-2	166.0	1063107	675291	1063106.3	675290.1	0.7	0.9
FS-37-3	166.0	1062825	675583	1062824.7	675583.5	0.3	0.5
FS-37-4	166.0	1062236	675074	1062231.7	675077.3	4.3	3.3

Notes:
Northing and easting coordinate data are presented in feet, based on the NAD 27 New York State Plane Coordinate System.
Actual coordinates were obtained from field log documentation.
FS-09-5A was collected on August 13, 1998, and FS-09-5B was collected on August 25, 1998.

(1) Differences are presented as absolute values.

Sources:
QEA, LLC and O'Brien & Gere Engineers, Inc. 1998 Thompson Island Pool Sediment Coring Program sampling and analysis plan.
O'Brien & Gere Engineers, Inc. field log documentation

Table A-3. *Target and actual sampling coordinates for Broad Scale Surface Sediment Survey.*

Sample ID	Sample Locations	Sample Type	Approx. River Mile	Target Coordinates (NAD27 feet)		Actual Coordinates (NAD27 feet)		Absolute Difference Target-Actual (feet)	
				Northing	Easting	Northing	Easting	Northing	Easting
BS-05C-100	BS-05C-101	C	193.6	1186553	698470	1186550.8	698469.1	2.2	0.9
	BS-05C-102	C	193.5	1186201	698486	1186187.8	698493.4	13.2	7.4
	BS-05C-103	C	193.4	1185747	698041	1185743.7	698038.5	3.3	2.5
	BS-05C-104	C	193.3	1185433	698105	1185430.5	698102.9	2.5	2.1
	BS-05C-105	C	193.2	1185104	697583	1185104.5	697582.2	0.5	0.8
	BS-05C-106	C	193.1	1184760	697262	1184761.2	697262.5	1.2	0.5
BS-06C-300	BS-06C-301	C	193.1	1184385	697160	1184383.4	697156.7	1.6	3.3
	BS-06C-302	C	192.9	1183968	696722	1183965.2	696720.9	2.8	1.1
	BS-06C-303	C	192.9	1183740	696668	1183741.8	696668.3	1.8	0.3
	BS-06C-304	C	192.8	1183306	696247	1183306.4	696245.2	0.4	1.8
	BS-06C-305	C	192.7	1183158	696134	1183160.4	696135.4	2.4	1.4
	BS-06C-306	C	192.6	1182428	696074	1182428.4	696072.3	0.4	1.7
BS-06F-100	BS-06F-101	C	193.1	1184636	696812	1184638.1	696813.5	2.1	1.5
	BS-06F-102	C	193.0	1184544	696776	1184541.0	696779.1	3.0	3.1
	BS-06F-103	C	193.0	1184451	696689	1184450.6	696673.1	0.4	15.9
	BS-06F-104	C	193.0	1184347	696604	1184348.5	696602.6	1.5	1.4
	BS-06F-105	C	193.0	1184249	696541	1184249.6	696541.6	0.6	0.6
	BS-06F-106	C	192.9	1184147	696466	1184150.7	696464.2	3.7	1.8
	BS-06F-107	C	192.9	1184052	696402	1184051.4	696401.1	0.6	0.9
	BS-06F-108	C	192.9	1183978	696424	1183979.3	696423.2	1.3	0.8
	BS-06F-109	C	192.9	1183897	696379	1183896.1	696377.6	0.9	1.4
	BS-06F-110	C	192.9	1183833	696331	1183832.7	696332.4	0.3	1.4
	BS-06F-111	C	192.8	1183743	696207	1183744.0	696207.2	1.0	0.2
	BS-06F-112	C	192.8	1183665	696133	1183663.4	696133.2	1.6	0.2
	BS-06F-113	C	192.8	1183584	696105	1183585.4	696106.1	1.4	1.1
	BS-06F-114	C	192.8	1183487	696061	1183486.5	696059.9	0.5	1.1
BS-06T-200	BS-06T-201	C	193.0	1183983	697083	1183982.5	697082.9	0.5	0.1
	BS-06T-202	C	192.9	1183871	696989	1183868.7	696988.7	2.3	0.3
	BS-06T-203	C	192.9	1183773	696919	1183771.8	696918.5	1.2	0.5
	BS-06T-204	C	192.9	1183682	696846	1183681.9	696845.3	0.1	0.7
	BS-06T-205	C	192.9	1183579	696777	1183580.1	696778.1	1.1	1.1
	BS-06T-206	C	192.8	1183492	696718	1183493.2	696716.9	1.2	1.1
	BS-06T-207	C	192.8	1183386	696648	1183386.3	696647.7	0.3	0.3
	BS-06T-208	C	192.8	1183135	696503	1183135.6	696503.2	0.6	0.2
	BS-06T-209	C	192.7	1183000	696415	1182998.8	696414.9	1.2	0.1
	BS-06T-210	C	192.7	1182911	696355	1182908.9	696355.8	2.1	0.8
BS-08C-400	BS-08C-401	C	191.4	1177244	698752	1177246.1	698753.8	2.1	1.8
	BS-08C-402	C	191.3	1176785	699056	1176782.1	699054.8	2.9	1.2
	BS-08C-403	C	191.3	1176421	699247	1176421.8	699248.4	0.8	1.4
	BS-08C-404	C	191.2	1175912	699301	1175910.7	699298.9	1.3	2.1
	BS-08C-405	C	191.1	1175514	699251	1175510.7	699248.7	3.3	2.3
BS-08F-100	BS-08F-101	C	192.2	1179973	696152	1179974.5	696151.5	1.5	0.5
	BS-08F-102	C	192.1	1179853	696188	1179852.6	696187.8	0.4	0.2
	BS-08F-103	C	192.1	1179732	696215	1179733.6	696216.3	1.6	1.3
	BS-08F-104	C	192.1	1179600	696252	1179602.5	696250.7	2.5	1.3
	BS-08F-105	C	192.1	1179472	696293	1179472.2	696296.0	0.2	3.0
	BS-08F-106	C	192.0	1179360	696332	1179362.0	696333.3	2.0	1.3
	BS-08F-107	C	192.0	1179225	696386	1179221.4	696388.8	3.6	2.8

Table A-3. Target and actual sampling coordinates for Broad Scale Surface Sediment Survey.

Sample ID	Sample Locations	Sample Type	Approx. River Mile	Target Coordinates (NAD27 feet)		Actual Coordinates (NAD27 feet)		Absolute Difference Target-Actual (feet)	
				Northing	Easting	Northing	Easting	Northing	Easting
BS-08F-100	BS-08F-108	C	192.0	1179091	696434	1179092.3	696436.2	1.3	2.2
continued	BS-08F-109	C	192.0	1178974	696496	1178967.4	696491.9	6.6	4.1
	BS-08F-110	C	191.9	1178849	696560	1178847.6	696563.0	1.4	3.0
	BS-08F-111	C	191.9	1178723	696653	1178719.8	696654.2	3.2	1.2
BS-08F-200	BS-08F-201	C	191.9	1179241	697401	1179240.7	697397.6	0.3	3.4
	BS-08F-202	C	191.9	1179174	697464	1179172.6	697466.0	1.4	2.0
	BS-08F-203	C	191.9	1179125	697516	1179122.4	697514.0	2.6	2.0
	BS-08F-204	C	191.9	1179077	697557	1179079.2	697560.2	2.2	3.2
	BS-08F-205	C	191.9	1179029	697595	1179029.5	697593.6	0.5	1.4
	BS-08F-206	C	191.9	1178981	697637	1178982.1	697637.0	1.1	0.0
	BS-08F-207	C	191.9	1178929	697672	1178928.3	697674.7	0.7	2.7
	BS-08F-208	C	191.9	1178868	697728	1178865.8	697729.1	2.2	1.1
	BS-08F-209	C	191.8	1178799	697750	1178799.7	697746.3	0.7	3.7
	BS-08F-210	C	191.8	1178751	697790	1178747.1	697788.8	3.9	1.2
BS-08F-300	BS-08F-301	C	191.6	1178008	698485	1178004.8	698486.6	3.2	1.6
	BS-08F-302	C	191.6	1177880	698563	1177883.0	698565.2	3.0	2.2
	BS-08F-303	C	191.5	1177766	698621	1177773.1	698620.6	7.1	0.4
	BS-08F-304	C	191.5	1177722	698731	1177725.9	698730.5	3.9	0.5
	BS-08F-305	C	191.5	1177643	698868	1177642.6	698864.4	0.4	3.6
	BS-08F-306	C	191.5	1177531	698923	1177532.5	698923.1	1.5	0.1
	BS-08F-307	C	191.4	1177439	699028	1177436.3	699029.0	2.7	1.0
	BS-08F-308	C	191.4	1177313	699126	1177313.1	699127.7	0.1	1.7
	BS-08F-309	C	191.4	1177258	699186	1177260.9	699184.6	2.9	1.4
	BS-08F-310	C	191.4	1177201	699158	1177202.0	699156.5	1.0	1.5
BS-10C-200	BS-10C-201	C	191.0	1175162	699408	1175161.2	699407.3	0.8	0.7
	BS-10C-202	C	190.9	1174742	699743	1174743.4	699745.1	1.4	2.1
	BS-10C-203	C	190.8	1174298	699871	1174297.3	699872.3	0.7	1.3
	BS-10C-204	C	190.7	1173839	700183	1173839.3	700183.2	0.3	0.2
	BS-10C-205	C	190.6	1173419	700282	1173417.2	700286.2	1.8	4.2
BS-10T-100	BS-10T-101	C	191.0	1175055	699178	1175056.4	699174.5	1.4	3.5
	BS-10T-102	C	191.0	1174864	699230	1174864.0	699229.9	0.0	0.1
	BS-10T-103	C	190.9	1174653	699396	1174652.8	699394.5	0.2	1.5
	BS-10T-104	C	190.9	1174546	699341	1174545.7	699340.9	0.3	0.1
	BS-10T-105	C	190.9	1174455	699407	1174456.0	699407.2	1.0	0.2
	BS-10T-106	C	190.9	1174353	699433	1174354.8	699432.7	1.8	0.3
	BS-10T-107	C	190.8	1174224	699602	1174222.4	699601.9	1.6	0.1
BS-14C-400	BS-14C-401	C	190.3	1171520	700265	1171518.6	700265.1	1.4	0.1
	BS-14C-402	C	190.2	1171075	700342	1171074.6	700340.9	0.4	1.1
	BS-14C-403	C	190.1	1170475	700548	1170480.6	700546.9	5.6	1.1
	BS-14C-404	C	190.0	1170282	700618	1170285.9	700620.1	3.9	2.1
	BS-14C-405	C	190.0	1170111	700668	1170109.9	700668.2	1.1	0.2
BS-14C-500	BS-14C-501	C	189.9	1169494	700627	1169494.7	700628.2	0.7	1.2
	BS-14C-502	C	189.8	1169400	700592	1169398.8	700584.0	1.2	8.0
	BS-14C-503	C	189.8	1169352	700557	1169352.8	700557.9	0.8	0.9
	BS-14C-504	C	189.8	1169254	700521	1169254.9	700520.7	0.9	0.3
	BS-14C-505	C	189.8	1169147	700469	1169148.0	700468.5	1.0	0.5
	BS-14C-506	C	189.6	1168346	699960	1168347.0	699960.9	1.0	0.9
	BS-14C-507	C	189.6	1168328	700194	1168329.5	700194.8	1.5	0.8

Table A-3. Target and actual sampling coordinates for Broad Scale Surface Sediment Survey.

Sample ID	Sample Locations	Sample Type	Approx. River Mile	Target Coordinates (NAD27 feet)		Actual Coordinates (NAD27 feet)		Absolute Difference Target-Actual (feet)	
				Northing	Easting	Northing	Easting	Northing	Easting
BS-14F-200	BS-14F-201	C	190.4	1172101	700630	1172100.8	700630.4	0.2	0.4
	BS-14F-202	C	190.2	1171219	700941	1171220.1	700940.7	1.1	0.3
	BS-14F-203	C	190.1	1170816	701165	1170816.7	701165.9	0.7	0.9
	BS-14F-204	C	190.1	1170493	701261	1170494.5	701260.2	1.5	0.8
	BS-14F-205	C	190.0	1170343	701267	1170340.4	701265.9	2.6	1.1
	BS-14F-206	C	190.0	1170200	701305	1170199.4	701305.6	0.6	0.6
	BS-14F-207	C	190.0	1170141	701210	1170141.5	701210.5	0.5	0.5
	BS-14F-208	C	190.0	1170029	701264	1170067.4	701263.4	38.4	0.6
	BS-14F-209	C	190.0	1169900	701210	1169898.5	701207.0	1.5	3.0
BS-14T-100	BS-14T-101	C	190.1	1170932	701045	1170929.9	701045.1	2.1	0.1
	BS-14T-102	C	190.1	1170865	700858	1170864.3	700856.9	0.7	1.1
	BS-14T-103	C	190.1	1170698	700940	1170697.1	700940.6	0.9	0.6
	BS-14T-104	C	190.1	1170556	701000	1170556.0	700998.3	0.0	1.7
	BS-14T-105	C	190.1	1170412	701145	1170413.7	701145.1	1.7	0.1
	BS-14T-106	C	190.1	1170356	700965	1170355.0	700963.9	1.0	1.1
	BS-14T-107	C	190.0	1170265	701145	1170265.7	701143.8	0.7	1.2
	BS-14T-108	C	190.0	1170250	700993	1170249.0	700993.7	1.0	0.7
	BS-14T-109	C	190.0	1170163	700953	1170164.1	700951.5	1.1	1.5
	BS-14T-110	C	190.0	1170100	701111	1170100.7	701109.4	0.7	1.6
	BS-14T-111	C	190.0	1170000	700960	1169997.0	700958.2	3.0	1.8
BS-14T-301	BS-14T-301	I	190.3	1171725	700203	1171724.6	700201.6	0.4	1.4
BS-14T-302	BS-14T-302	I	190.3	1171640	700190	1171640.7	700191.5	0.7	1.5
BS-14T-303	BS-14T-303	I	190.3	1171394	700270	1171400.5	700271.0	6.5	1.0
BS-14T-304	BS-14T-304	I	190.3	1171325	700241	1171328.5	700242.8	3.5	1.8
BS-14T-305	BS-14T-305	I	190.2	1171208	700299	1171208.4	700299.6	0.4	0.6
BS-14T-306	BS-14T-306	I	190.2	1170916	700398	1170916.2	700399.0	0.2	1.0
BS-14T-307	BS-14T-307	I	190.2	1170770	700450	1170769.1	700449.7	0.9	0.3
BS-14T-308	BS-14T-308	I	190.1	1170626	700506	1170625.0	700507.4	1.0	1.4
BS-14T-309	BS-14T-309	I	190.6	1172956	700504	1172958.1	700505.6	2.1	1.6
BS-14T-310	BS-14T-310	I	190.4	1171845	700169	1171842.7	700168.8	2.3	0.2
BS-15C-200	BS-15C-201	C	189.6	1168203	699889	1168199.5	699890.7	3.5	1.7
	BS-15C-202	C	189.6	1168145	699859	1168142.3	699859.1	2.7	0.1
	BS-15C-203	C	189.6	1168023	699811	1168026.3	699810.3	3.3	0.7
	BS-15C-204	C	189.5	1167800	699758	1167799.8	699756.1	0.2	1.9
	BS-15C-205	C	189.5	1167651	699674	1167648.3	699673.2	2.7	0.8
	BS-15C-206	C	189.5	1167466	699709	1167465.9	699704.2	0.1	4.8
	BS-15C-207	C	189.2	1166346	699463	1166343.2	699464.3	2.8	1.3
	BS-15C-208	C	189.2	1166206	699530	1166203.0	699531.4	3.0	1.4
	BS-15C-209	C	189.2	1166090	699711	1166088.0	699712.7	2.0	1.7
BS-15C-300	BS-15C-301	C	189.2	1165950	699338	1165948.1	699339.1	1.9	1.1
	BS-15C-302	C	189.2	1165847	699312	1165844.1	699310.8	2.9	1.2
	BS-15C-303	C	189.1	1165598	699213	1165596.3	699214.3	1.7	1.3
	BS-15C-304	C	189.0	1165251	699116	1165251.5	699116.7	0.5	0.7
	BS-15C-305	C	189.0	1165059	699054	1165056.6	699056.3	2.4	2.3
	BS-15C-306	C	189.0	1164912	699021	1164910.7	699020.0	1.3	1.0
BS-16F-100	BS-16F-101	C	189.3	1166774	700094	1166770.6	700090.3	3.4	3.7
	BS-16F-102	C	189.3	1166689	700123	1166691.7	700123.8	2.7	0.8

Table A-3. Target and actual sampling coordinates for Broad Scale Surface Sediment Survey.

Sample ID	Sample Locations	Sample Type	Approx. River Mile	Target Coordinates (NAD27 feet)		Actual Coordinates (NAD27 feet)		Absolute Difference Target-Actual (feet)	
				Northing	Easting	Northing	Easting	Northing	Easting
BS-16F-100	BS-16F-103	C	189.3	1166562	700053	1166563.4	700051.2	1.4	1.8
continued	BS-16F-104	C	189.2	1166192	699990	1166193.9	699987.5	1.9	2.5
	BS-16F-105	C	189.2	1165988	699990	1165990.1	699990.2	2.1	0.2
	BS-16F-106	C	189.2	1165843	699978	1165843.0	699976.3	0.0	1.7
	BS-16F-107	C	189.1	1165651	699943	1165651.6	699939.7	0.6	3.3
BS-18C-200	BS-18C-201	C	188.9	1164586	699187	1164576.3	699186.3	9.7	0.7
	BS-18C-202	C	188.8	1163888	698941	1163886.8	698939.9	1.2	1.1
	BS-18C-203	C	188.7	1163439	699158	1163441.3	699158.0	2.3	0.0
	BS-18C-204	C	188.7	1163370	699341	1163371.0	699339.9	1.0	1.1
BS-18C-300	BS-18C-301	C	188.9	1164351	699563	1164351.6	699562.9	0.6	0.1
	BS-18C-302	C	188.8	1163876	699564	1163877.5	699562.9	1.5	1.1
	BS-18C-303	C	188.8	1163704	699511	1163704.6	699511.6	0.6	0.6
	BS-18C-304	C	188.7	1163364	699872	1163361.9	699871.9	2.1	0.1
BS-18C-400	BS-18C-401	C	188.7	1163630	698964	1163634.9	698962.5	4.9	1.5
	BS-18C-402	C	188.7	1163507	698981	1163508.0	698981.5	1.0	0.5
	BS-18C-403	C	188.7	1163463	699071	1163463.6	699071.2	0.6	0.2
	BS-18C-404	C	188.7	1163400	699186	1163459.5	699184.9	59.5	1.1
	BS-18C-405	C	188.7	1163281	699188	1163279.6	699188.7	1.4	0.7
	BS-18C-406	C	188.6	1163204	699078	1163203.8	699076.8	0.2	1.2
	BS-18C-407	C	188.6	1163157	699211	1163155.8	699210.2	1.2	0.8
	BS-18C-408	C	188.6	1163099	699348	1163098.8	699349.6	0.2	1.6
BS-18C-500	BS-18C-501	I	188.7	1163550	700420	1163547.4	700421.2	2.6	1.2
BS-18T-100	BS-18T-101	C	188.8	1164300	698935	1164296.1	698932.2	3.9	2.8
	BS-18T-102	C	188.8	1164136	698895	1164135.8	698895.9	0.2	0.9
	BS-18T-103	C	188.8	1164097	698899	1164097.3	698901.8	0.3	2.8
	BS-18T-104	C	188.8	1164003	698918	1164001.8	698919.2	1.2	1.2

Notes:
Northing and easting coordinate data are presented in feet, based on the NAD 27 New York State Plane Coordinate System.
Actual coordinates were obtained from field log documentation.

Sample types:
C = samples analyzed as composites
I = samples analyzed as individuals

Sources:
QEA, LLC and O'Brien & Gere Engineers, Inc. 1998 Thompson Island Pool Sediment Coring Program sampling and analysis plan.
O'Brien & Gere Engineers, Inc. field log documentation

Table A-4. *Target and actual sampling coordinates for Cesium Sediment Coring Program.*

Sample Location	Approx. River Mile	Target Coordinates (NAD27 feet)		Actual Coordinates (NAD27 feet)		Absolute Difference Target-Actual (feet)	
		Northing	Easting	Northing	Easting	Northing	Easting
CS-01	194.1	1189625	699525	1189715.9	699499.5	91	26
CS-02*	191.2	1175925	699625	-	-	-	-
CS-03	189.3	1166550	700225	1166727.5	700164.7	177	60
CS-04	188.5	1163250	700150	1163313.4	700121.8	63	28

Notes:
Northing and easting coordinate data are presented in feet, based on the NAD 27 New York State Plane Coordinate System.
Actual coordinates were obtained from field log documentation.

* = Location CS-02 was not sampled due to rocky substrate.
- = no data

Sources:
QEA, LLC and O'Brien & Gere Engineers, Inc. 1998 Thompson Island Pool Sediment Coring Program sampling and analysis plan.
O'Brien & Gere Engineers, Inc. field log documentation.

ATTACHMENT A-1

GPS daily accuracy check data

CONTENTS

PAGE	REFERENCE	DATE
1	FS-08-2 Location Desc. / GPS Ck	6/22/98
2	GPS Check @ HR505	7/7-7/10
3	GPS Check @ HR505 / P1-93A	7/15 7/14
4	GPS Check 7/15-17	& 7/20
5	GPS Check	7/21
6	GPS check 7/22-7/24,	8/2, 13, 17
7	GPS Check	8/19, 8/20, 8/24
8	GPS Check	8/24-8/25
9	GPS Check 8/26-8/20,	9/1 & 9/2

6/22/98

FS-08-2

W - opposite house w/ stone face (photo)
E - 75' from high water (in woods)
Shore
Downstream of green buoy ~100' from
west shore

Ft Edward flow 2312/3 @ 1425

7/8/98, 0825

GPS QC check point

Base - Redrockbase - Lock 7 (point)
(Redrk7base)
Antenna s/n # 3193
Type SR399

Rover - HR505 (point) Check
Antenna Type SR399, s/n # 3195

Distance: 0.683 fs CQ = 3.2,
RMN

315822

7/9/98, 0740

GPS QC Check

BASE - REDROCKBASE - Lock 7

ROVER Check @ HR-505 Lock 7
DISTANCE = 0.4 - 0.2
CQ = 3.5 WAA

7/10/98 0855

GPS QC Check
- Same base and rover from 7/9/98

Base - Redrockbase - Lock 7
Rover check 2 HR-505 Lock 7
Distance = 1.5, 1.3 at 90°
CQ = 2.0

Distance = 0.9 @ 90°
CQ = 2.0

315823

7/13/98 11 AM
GPS Check

BASE = REDROCK BASE - LOCK 7
ROVER CHECK = HR 505 @ LOCK 7
DISTANCE = 0.7 - 0.4
CQ = 3.2

WMH

7/14/98

BASE = FORT MILLER
ROVER CHECK @ P1-93A

TIME
0920

DISTANCE = 0.8 FT
CQ = 2.5

WMH

7/15/98

BASE = FT MILLER
ROVER CK @ P1-93-A

DISTANCE = 0.7 FT
CQ = 1.9
hmm

7/16/98 & 7/17/98

BASE = FT MILLER
ROVER CK @ P1-93-A
DRIVE BY DISTANCE
~24 FT. hmm

7/20/98
BASE @ REDROCK
ROVER CK @ HR505
DISTANCE = 3.9
CQ = 2.7
(2 satellites @ < 20° elevation)

315825

7/21/98

BIKE @ REDROCK

ROVER CHECK @ HR-SOS

DISTANCE = 1.8 FT.

CQ = 2.5

(2 SATELLITES @ <20 AMMUNA)

315826

7/20/98

GPS CHECK @ PI-93A

18:02

DISTANCE FROM PT. = 1.5'

CQ = 2.2

7/23/98

GPS CHECK @ PI-93A 17:30

DIST. = 1.4'

CQ = 2.3

7/24/98 GPS CHECK @ HR-505

10:25

DIST. = 1.6'

CQ = 2.7

8/12/98 RMN 0755

GPS Check at HR-505

Base at Redrock BM2

Distance = 1.5'

CQ = 2.3

8/13/98 RMN 1045

GPS Check at PI-93-A

Base @ Fort Miller

Distance = 0.989'

CQ = 2.1

8/17/98

BASE @ LOCK 3 - HR-524

CK @ HR-523A (R.R. BRIDGE ABUTMENT)

OFFSET DUE TO INTERFERENCE FROM BRIDGE

OFFSET = 8.9'

GPS = 10.2 CQ = 10

315827

8/19/98

HR-524 BASE @ LOCK 3
CK BASE W/ ROVER
DISTANCE = 0.2 FT
CQ = 3.2

8/20/98

BASE @ FT. MILLER
ROVER CHECK @ PI-2006
LOCK 6 (NEW BRIDGE)
DISTANCE = 6.9 FT
CQ = 2.1 FT

8/24/98, MONDAY

BASE @ REDROCK BASE - LOCK 7
ROVER
CHECK DISTANCE = 0.65 FT.
@ HR-595 CQ = 2.9

CAG

315828

8/24/98

BASE FEBER MTSN
T-STORM KNOCKED IT
OVER. BASE RECEIVER
DUCT TAPED TO TOP
& ANTENNA PROPPED
UP.

MR-505
DISTANCE = 1.6
CQF = .215

8/25/98 TUESDAY

BASE @ REDROCK - LOCK 7
ROVER CAR @ MR-505

DISTANCE = 1.9
CQF = 2.8

315829

8/26/98 Base @ FTMILLER
ROVER @ P1-93A
12:52 DISTANCE 0.647
∠ 319° 59'

8/27/98 Base @ Ft. Miller
Rover @ P1-93A
Distance = 0.757
0817 ∠ = 208° 16'
CQ = 2.5

8/28/98 Base @ Lock 7 (RedRock)
ROVER @ HR505
07:47 DISTANCE = 1.850
∠ = 200° 41'

7/1/98 Base @ Lock 7 (Red Rock)
Rover @ HR505
1021 Distance = 0.45 RMN
CQ = 2.7

9-2-98 RMN
Base @ FT MILLER
Rover @ P1-93A
Distance 0.692
CQ = 2.0

315830

ATTACHMENT A-2

Coordinates of sampling stations in latitude/longitude

PAM FEATHERSTONE LEICA SALES

Coordinate set: obg
Coordinate type: Geodetic
Reference ellipsoid: WGS 1984
Projection set: NY EAST
Unit: m

Point id	Latitude	Longitude	Ell. height	N
00000003	43 15 22.352951 N	73 35 7.553161 W	51.7232	-30.2290
00000004	43 15 22.806964 N	73 35 7.470731 W	51.5417	-30.2280
00000005	43 15 22.817556 N	73 35 6.743607 W	51.8813	-30.2280
BS-05C-101	43 15 14.672285 N	73 35 16.560435 W	38.2401	-30.2340
BS-05C-102	43 15 11.154832 N	73 35 16.378385 W	38.1736	-30.2360
BS-05C-103	43 15 6.738859 N	73 35 22.471531 W	38.6998	-30.2390
BS-05C-104	43 15 3.638014 N	73 35 21.638839 W	38.5416	-30.2400
BS-05C-105	43 15 0.473168 N	73 35 28.721540 W	38.7529	-30.2430
BS-05C-106	43 14 57.104402 N	73 35 33.080669 W	38.2071	-30.2440
BS-06C-301	43 14 53.380790 N	73 35 34.562993 W	37.5484	-30.2460
BS-06C-302	43 14 49.292462 N	73 35 40.495689 W	37.9898	-30.2490
BS-06C-303	43 14 47.087330 N	73 35 41.238922 W	36.7125	-30.2500
BS-06C-304	43 14 42.822361 N	73 35 47.009552 W	37.6157	-30.2530
BS-06C-305	43 14 41.391448 N	73 35 48.518194 W	37.0439	-30.2540
BS-06C-306	43 14 34.163848 N	73 35 49.451591 W	37.0694	-30.2580
BS-06F-101	43 14 55.923497 N	73 35 39.170239 W	39.2118	-30.2450
BS-06F-102	43 14 54.973911 N	73 35 39.645900 W	39.5445	-30.2460
BS-06F-103	43 14 54.087096 N	73 35 41.083342 W	40.5882	-30.2460
BS-06F-104	43 14 53.089036 N	73 35 42.049322 W	40.9097	-30.2470
BS-06F-105	43 14 52.115866 N	73 35 42.891759 W	38.9786	-30.2480
BS-06F-106	43 14 51.121774 N	73 35 43.934684 W	38.0916	-30.2480
BS-06F-107	43 14 50.167081 N	73 35 44.814930 W	36.6145	-30.2490
BS-06F-108	43 14 49.453694 N	73 35 44.521451 W	37.8924	-30.2490
BS-06F-109	43 14 48.631976 N	73 35 45.148188 W	36.6752	-30.2500
BS-06F-110	43 14 48.013477 N	73 35 45.768276 W	37.5617	-30.2500
BS-06F-111	43 14 47.147378 N	73 35 47.466025 W	38.2927	-30.2510
BS-06F-112	43 14 46.363317 N	73 35 48.469909 W	37.4354	-30.2510
BS-06F-113	43 14 45.589916 N	73 35 48.857388 W	37.4641	-30.2520
BS-06F-114	43 14 44.625180 N	73 35 49.481133 W	38.1365	-30.2520
BS-06T-201	43 14 49.427758 N	73 35 35.595604 W	38.1823	-30.2490
BS-06T-202	43 14 48.319743 N	73 35 36.887505 W	40.0702	-30.2490
BS-06T-203	43 14 47.365754 N	73 35 37.852773 W	37.4168	-30.2500
BS-06T-204	43 14 46.479308 N	73 35 38.845042 W	37.1711	-30.2510
BS-06T-205	43 14 45.481720 N	73 35 39.780298 W	35.5634	-30.2510

BS-06T-206	43	14	44.636417	N	73	35	40.590591	W	38.6512	-30.2520
BS-06T-207	43	14	43.580224	N	73	35	41.552847	W	36.4783	-30.2520
BS-06T-208	43	14	41.113459	N	73	35	43.535057	W	37.8391	-30.2540
BS-06T-209	43	14	39.777636	N	73	35	44.746469	W	37.3425	-30.2550
BS-06T-210	43	14	38.893854	N	73	35	45.567959	W	37.7459	-30.2550
BS-08C-401	43	13	42.746475	N	73	35	13.822027	W	36.6941	-30.2830
BS-08C-402	43	13	38.141275	N	73	35	9.835622	W	36.8462	-30.2850
BS-08C-403	43	13	34.564807	N	73	35	7.264176	W	37.7498	-30.2860
BS-08C-404	43	13	29.525742	N	73	35	6.615802	W	36.5761	-30.2890
BS-08C-405	43	13	25.567875	N	73	35	7.370217	W	38.4002	-30.2910
BS-08F-101	43	14	9.930918	N	73	35	48.677049	W	37.3814	-30.2720
BS-08F-102	43	14	8.716230	N	73	35	48.195415	W	37.7212	-30.2730
BS-08F-103	43	14	7.525461	N	73	35	47.818560	W	37.4613	-30.2730
BS-08F-104	43	14	6.242921	N	73	35	47.374353	W	37.5082	-30.2740
BS-08F-105	43	14	4.951489	N	73	35	46.773258	W	38.8660	-30.2750
BS-08F-106	43	14	3.859438	N	73	35	46.286267	W	38.2265	-30.2750
BS-08F-107	43	14	2.473089	N	73	35	45.551555	W	38.2619	-30.2760
BS-08F-108	43	14	1.185376	N	73	35	44.925325	W	38.6200	-30.2770
BS-08F-109	43	13	59.966078	N	73	35	44.187405	W	40.3101	-30.2770
BS-08F-111	43	13	57.488407	N	73	35	42.020834	W	37.8578	-30.2780
BS-08F-201	43	14	2.565751	N	73	35	31.922663	W	39.2444	-30.2740
BS-08F-202	43	14	1.888397	N	73	35	31.003868	W	35.9313	-30.2750
BS-08F-203	43	14	1.408989	N	73	35	30.374405	W	38.3615	-30.2750
BS-08F-204	43	14	0.958863	N	73	35	29.746947	W	35.9545	-30.2750
BS-08F-205	43	14	0.484943	N	73	35	29.301252	W	37.1229	-30.2750
BS-08F-206	43	14	0.019960	N	73	35	28.728524	W	40.1893	-30.2750
BS-08F-207	43	13	59.469174	N	73	35	28.231802	W	36.5953	-30.2760
BS-08F-208	43	13	58.837173	N	73	35	27.488682	W	38.8662	-30.2760
BS-08F-209	43	13	58.199338	N	73	35	27.292335	W	38.5951	-30.2760
BS-08F-210	43	13	57.656058	N	73	35	26.703349	W	38.5899	-30.2760
BS-08F-301	43	13	50.267016	N	73	35	17.371955	W	38.3175	-30.2790
BS-08F-302	43	13	49.057285	N	73	35	16.309402	W	38.6175	-30.2800
BS-08F-303	43	13	47.966673	N	73	35	15.444498	W	49.6893	-30.2800
BS-08F-304	43	13	47.496305	N	73	35	14.106845	W	41.2059	-30.2800
BS-08F-305	43	13	46.654784	N	73	35	12.308187	W	37.8545	-30.2800
BS-08F-306	43	13	45.560652	N	73	35	11.521562	W	36.5283	-30.2810
BS-08F-307	43	13	44.605416	N	73	35	10.112180	W	38.4976	-30.2810
BS-08F-308	43	13	43.371383	N	73	35	8.783733	W	38.1179	-30.2820
BS-08F-309	43	13	42.858471	N	73	35	8.028311	W	37.8542	-30.2820
BS-08F-310	43	13	42.282040	N	73	35	8.417954	W	38.1662	-30.2820
BS-10C-201	43	13	22.101412	N	73	35	5.269479	W	36.7166	-30.2930
BS-10C-203	43	13	13.525374	N	73	34	59.095177	W	37.2691	-30.2970
BS-10C-204	43	13	8.977414	N	73	34	54.951290	W	38.3568	-30.2980
BS-10C-205	43	13	4.798975	N	73	34	53.602168	W	37.2860	-30.3000

BS-10T-101	43	13	21.088036	N	73	35	8.417848	W	39.5224	-30.2940
BS-10T-102	43	13	19.188319	N	73	35	7.705525	W	40.3459	-30.2950
BS-10T-103	43	13	17.083427	N	73	35	5.514208	W	38.7633	-30.2950
BS-10T-104	43	13	16.027964	N	73	35	6.226279	W	38.6635	-30.2960
BS-10T-105	43	13	15.140504	N	73	35	5.361735	W	40.0718	-30.2960
BS-10T-106	43	13	14.132829	N	73	35	5.026763	W	37.6322	-30.2970
BS-10T-107	43	13	12.814566	N	73	35	2.760753	W	38.5737	-30.2970
BS-14C-401	43	12	46.063724	N	73	34	54.134954	W	38.0638	-30.3100
BS-14C-402	43	12	41.659686	N	73	34	53.160801	W	36.8760	-30.3120
BS-14C-403	43	12	35.770225	N	73	34	50.454401	W	39.5908	-30.3150
BS-14C-404	43	12	33.843694	N	73	34	49.500097	W	39.6949	-30.3150
BS-14C-405	43	12	32.101160	N	73	34	48.850087	W	39.5884	-30.3160
BS-14C-501	43	12	26.054904	N	73	34	49.467228	W	38.7017	-30.3200
BS-14C-502	43	12	25.073401	N	73	34	49.967313	W	39.5002	-30.3200
BS-14C-503	43	12	24.637365	N	73	34	50.429625	W	36.5554	-30.3210
BS-14C-504	43	12	23.676368	N	73	34	50.945810	W	37.0957	-30.3210
BS-14C-505	43	12	22.628302	N	73	34	51.665799	W	36.2361	-30.3220
BS-14C-506	43	12	14.751774	N	73	34	58.602741	W	38.3933	-30.3280
BS-14C-507	43	12	14.575901	N	73	34	55.483215	W	37.0738	-30.3270
BS-14F-201	43	12	51.770829	N	73	34	49.125511	W	38.3940	-30.3060
BS-14F-202	43	12	43.045959	N	73	34	45.039414	W	37.5485	-30.3090
BS-14F-203	43	12	39.045094	N	73	34	42.041045	W	37.4757	-30.3110
BS-14F-204	43	12	35.848365	N	73	34	40.806895	W	38.6368	-30.3120
BS-14F-205	43	12	34.337968	N	73	34	40.740655	W	37.6676	-30.3130
BS-14F-206	43	12	32.935312	N	73	34	40.231745	W	39.1628	-30.3140
BS-14F-207	43	12	32.372759	N	73	34	41.521479	W	38.2492	-30.3140
BS-14F-208	43	12	31.235433	N	73	34	40.829458	W	39.3732	-30.3150
BS-14F-209	43	12	29.976134	N	73	34	41.594462	W	38.3035	-30.3160
BS-14T-101	43	12	40.187547	N	73	34	43.668696	W	36.5761	-30.3110
BS-14T-102	43	12	39.540411	N	73	34	46.205439	W	37.2064	-30.3120
BS-14T-103	43	12	37.896884	N	73	34	45.114811	W	38.0369	-30.3120
BS-14T-104	43	12	36.484094	N	73	34	44.333987	W	38.4436	-30.3130
BS-14T-105	43	12	35.063041	N	73	34	42.377170	W	37.4192	-30.3130
BS-14T-106	43	12	34.496995	N	73	34	44.834672	W	37.1400	-30.3140
BS-14T-107	43	12	33.595107	N	73	34	42.416966	W	37.9928	-30.3140
BS-14T-108	43	12	33.452568	N	73	34	44.440616	W	38.3616	-30.3150
BS-14T-109	43	12	32.620682	N	73	34	45.018395	W	38.3869	-30.3150
BS-14T-110	43	12	31.973812	N	73	34	42.884158	W	38.2219	-30.3150
BS-14T-111	43	12	30.966124	N	73	34	44.949164	W	37.8776	-30.3160
BS-14T-301	43	12	48.101277	N	73	34	54.948210	W	37.9213	-30.3090
BS-14T-302	43	12	47.267714	N	73	34	55.098160	W	38.1569	-30.3090
BS-14T-303	43	12	44.867265	N	73	34	54.052284	W	38.0130	-30.3100
BS-14T-304	43	12	44.176368	N	73	34	54.448820	W	37.5061	-30.3110
BS-14T-305	43	12	42.984881	N	73	34	53.692424	W	36.0135	-30.3110

BS-14T-306	43	12	40.097329	N	73	34	52.392289	W	36.9351	-30.3130
BS-14T-307	43	12	38.640827	N	73	34	51.712460	W	36.2170	-30.3130
BS-14T-308	43	12	37.202510	N	73	34	50.966807	W	37.1030	-30.3140
BS-14T-309	43	13	0.222899	N	73	34	50.723470	W	38.0763	-30.3020
BS-14T-310	43	12	49.273777	N	73	34	55.385331	W	37.9546	-30.3080
BS-15C-201	43	12	13.332127	N	73	34	59.584316	W	40.5533	-30.3290
BS-15C-202	43	12	12.767115	N	73	35	0.012162	W	41.2534	-30.3290
BS-15C-203	43	12	11.592967	N	73	35	0.693536	W	39.8456	-30.3300
BS-15C-204	43	12	9.360482	N	73	35	1.405925	W	37.3868	-30.3310
BS-15C-205	43	12	7.883664	N	73	35	2.587819	W	37.5821	-30.3320
BS-15C-206	43	12	5.781133	N	73	35	2.013120	W	30.6813	-30.3330
BS-15C-207	43	11	55.004826	N	73	35	5.565976	W	39.0264	-30.3400
BS-15C-208	43	11	53.612794	N	73	35	4.684261	W	37.8736	-30.3410
BS-15C-209	43	11	52.468479	N	73	35	2.243772	W	37.5173	-30.3410
BS-15C-301	43	11	51.124368	N	73	35	7.298856	W	38.4387	-30.3430
BS-15C-302	43	11	50.093865	N	73	35	7.683770	W	37.8556	-30.3440
BS-15C-303	43	11	47.666113	N	73	35	9.030110	W	39.3971	-30.3450
BS-15C-304	43	11	44.259282	N	73	35	10.398255	W	39.8156	-30.3480
BS-15C-305	43	11	42.317984	N	73	35	11.211232	W	42.0414	-30.3490
BS-15C-306	43	11	40.898369	N	73	35	11.730220	W	39.9855	-30.3500
BS-16F-101	43	11	59.189934	N	73	34	57.044707	W	38.4493	-30.3360
BS-16F-102	43	11	58.393901	N	73	34	56.621641	W	37.4116	-30.3370
BS-16F-103	43	11	57.134516	N	73	34	57.622275	W	38.1669	-30.3380
BS-16F-104	43	11	53.484827	N	73	34	58.520581	W	38.1250	-30.3400
BS-16F-105	43	11	51.452797	N	73	34	58.512120	W	36.5761	-30.3410
BS-16F-106	43	11	50.019757	N	73	34	58.714714	W	36.9404	-30.3420
BS-16F-107	43	11	48.134574	N	73	34	59.231680	W	39.0039	-30.3430
BS-18C-201	43	11	37.518342	N	73	35	9.454814	W	37.8955	-30.3510
BS-18C-202	43	11	30.805154	N	73	35	12.926856	W	38.2845	-30.3560
BS-18C-203	43	11	26.378432	N	73	35	10.045806	W	38.1594	-30.3580
BS-18C-204	43	11	25.672539	N	73	35	7.580097	W	35.7139	-30.3580
BS-18C-301	43	11	35.331595	N	73	35	4.469827	W	37.9897	-30.3510
BS-18C-302	43	11	30.648920	N	73	35	4.526345	W	38.4903	-30.3540
BS-18C-303	43	11	28.943730	N	73	35	5.241226	W	38.2146	-30.3550
BS-18C-304	43	11	25.533226	N	73	35	0.412633	W	38.4333	-30.3560
BS-18C-401	43	11	28.255398	N	73	35	12.666501	W	37.3571	-30.3570
BS-18C-402	43	11	27.050873	N	73	35	12.422095	W	38.2955	-30.3580
BS-18C-403	43	11	26.610797	N	73	35	11.218035	W	37.8457	-30.3580
BS-18C-404	43	11	25.958512	N	73	35	9.692803	W	38.3871	-30.3580
BS-18C-405	43	11	24.774542	N	73	35	9.651208	W	37.1400	-30.3590
BS-18C-406	43	11	24.034628	N	73	35	11.174755	W	37.1729	-30.3590
BS-18C-407	43	11	23.552457	N	73	35	9.381263	W	38.1617	-30.3590
BS-18C-408	43	11	22.980166	N	73	35	7.507878	W	38.1334	-30.3590
BS-18C-501	43	11	27.297539	N	73	34	52.982357	W	36.3979	-30.3540

BS-18T-101	43	11	34.817984	N	73	35	13.068815	W	33.8942	-30.3540
BS-18T-102	43	11	33.248712	N	73	35	13.500221	W	35.5477	-30.3550
BS-18T-103	43	11	32.874543	N	73	35	13.426201	W	37.6360	-30.3550
BS-18T-104	43	11	31.910754	N	73	35	13.203235	W	36.6232	-30.3550
FS-08-1	43	13	49.066883	N	73	35	17.500487	W	39.1824	-30.2800
FS-08-2	43	13	48.783575	N	73	35	15.948759	W	36.7754	-30.2800
FS-08-21	43	13	48.787415	N	73	35	15.930233	W	36.5761	-30.2800
FS-08-22	43	13	48.835860	N	73	35	15.937786	W	39.6927	-30.2800
FS-08-23	43	13	48.830065	N	73	35	15.900652	W	40.1803	-30.2800
FS-08-24	43	13	48.794205	N	73	35	15.929198	W	40.2981	-30.2800
FS-08-3	43	13	47.492374	N	73	35	15.609126	W	37.5582	-30.2810
FS-08-4	43	13	47.212113	N	73	35	13.939799	W	40.0339	-30.2800
FS-08-5	43	13	56.515678	N	73	35	32.160564	W	37.2627	-30.2780
FS-08-6	43	13	54.535578	N	73	35	28.315536	W	38.1735	-30.2780
FS-08-7	43	13	54.236232	N	73	35	26.827341	W	38.0133	-30.2780
FS-09-1	43	13	40.832895	N	73	35	14.469622	W	39.4914	-30.2840
FS-09-2	43	13	39.572861	N	73	35	14.136408	W	37.5372	-30.2850
FS-09-21	43	13	39.589737	N	73	35	14.163066	W	38.3037	-30.2850
FS-09-22	43	13	39.594697	N	73	35	14.123047	W	37.8731	-30.2850
FS-09-23	43	13	39.562965	N	73	35	14.114835	W	37.6027	-30.2850
FS-09-24	43	13	39.553578	N	73	35	14.155766	W	37.8965	-30.2850
FS-09-3	43	13	37.193547	N	73	35	13.167500	W	36.5761	-30.2860
FS-09-4	43	13	35.967547	N	73	35	12.836091	W	39.4967	-30.2860
FS-09-5	43	13	38.478831	N	73	35	13.723106	W	-0.0000	-30.2850
FS-14-1	43	12	30.854541	N	73	34	43.419369	W	41.0587	-30.3160
FS-14-11	43	12	30.872442	N	73	34	43.433951	W	40.9114	-30.3160
FS-14-12	43	12	30.876812	N	73	34	43.386420	W	40.8254	-30.3160
FS-14-13	43	12	30.850746	N	73	34	43.375457	W	41.1177	-30.3160
FS-14-14	43	12	30.857183	N	73	34	43.420749	W	41.2297	-30.3160
FS-16-1	43	12	3.690811	N	73	34	55.651302	W	34.9511	-30.3340
FS-16-11	43	12	3.651880	N	73	34	55.693659	W	40.0528	-30.3340
FS-16-12	43	12	3.661944	N	73	34	55.653463	W	39.9640	-30.3340
FS-16-13	43	12	3.659518	N	73	34	55.668908	W	41.0341	-30.3340
FS-16-14	43	12	3.647741	N	73	34	55.695173	W	40.6294	-30.3340
FS-16-2	43	12	2.495680	N	73	34	55.698423	W	37.8429	-30.3340
FS-16-3	43	12	1.194685	N	73	34	55.824664	W	39.8882	-30.3350
FS-28-1	43	9	25.269661	N	73	34	46.399771	W	33.1622	-30.4240
FS-28-2	43	9	21.849230	N	73	34	41.774680	W	32.6722	-30.4250
FS-28-3	43	9	17.332914	N	73	34	40.630472	W	32.2835	-30.4270
FS-28-4	43	9	12.797304	N	73	34	41.148288	W	33.6931	-30.4300
FS-37-1	42	55	6.466693	N	73	40	26.443825	W	47.8697	-31.0670
FS-37-2	42	54	57.366464	N	73	40	42.769923	W	47.3096	-31.0750
FS-37-3	42	54	54.566601	N	73	40	38.855548	W	46.4834	-31.0760
FS-37-4	42	54	48.737736	N	73	40	45.724137	W	47.8819	-31.0810

ATTACHMENT A-3

Coordinates of sampling stations in New York State Plane Coordinate System (Northing/Easting)

;Software: CORPSCON v4.11
;Agency: YOUR OFFICE
;Project: YOUR PROJECT
;Created: 11/11/98 2:22 PM
;Coordinates on NAD 27 State Plane - NY East 3101, U.S. FT
;Vertical on NGVD 29, U.S. FT

POINT #	EASTING	NORTHING	MEAN SEA LEVEL
BS-05C-101	698469.86807,	1186551.02488,	126.04
BS-05C-102	698486.51411,	1186195.01779,	125.82
BS-05C-103	698039.57212,	1185743.90856,	127.54
BS-05C-104	698103.98854,	1185430.50888,	127.02
BS-05C-105	697582.66461,	1185105.42945,	127.72
BS-05C-106	697263.07665,	1184761.50166,	125.93
BS-06C-301	697156.70796,	1184383.53265,	123.76
BS-06C-302	696721.28493,	1183965.73066,	125.21
BS-06C-303	696668.24869,	1183741.98615,	121.02
BS-06C-304	696244.95573,	1183306.41493,	123.98
BS-06C-305	696134.57123,	1183160.56023,	122.11
BS-06C-306	696071.92614,	1182428.19224,	122.19
BS-06F-101	696813.45142,	1184637.95747,	129.22
BS-06F-102	696779.09721,	1184541.50569,	130.31
BS-06F-103	696673.50600,	1184450.78106,	133.73
BS-06F-104	696602.90561,	1184349.10172,	134.79
BS-06F-105	696541.42585,	1184250.02321,	128.45
BS-06F-106	696465.12688,	1184148.69631,	125.54
BS-06F-107	696400.83067,	1184051.46354,	120.70
BS-06F-108	696423.18893,	1183979.42820,	124.89
BS-06F-109	696377.53683,	1183895.82469,	120.90
BS-06F-110	696332.19482,	1183832.80057,	123.80
BS-06F-111	696207.31353,	1183744.00571,	126.20
BS-06F-112	696133.71220,	1183663.96944,	123.39
BS-06F-113	696105.72402,	1183585.41375,	123.48
BS-06F-114	696060.41802,	1183487.33284,	125.69
BS-06T-201	697083.82610,	1183982.63135,	125.84
BS-06T-202	696989.20290,	1183869.60464,	132.03
BS-06T-203	696918.61542,	1183772.38649,	123.33
BS-06T-204	696845.96846,	1183681.98980,	122.52
BS-06T-205	696777.64032,	1183580.37790,	117.25
BS-06T-206	696718.42356,	1183494.26548,	127.38
BS-06T-207	696648.14844,	1183386.70320,	120.25
BS-06T-208	696503.64131,	1183135.66182,	124.71
BS-06T-209	696415.17247,	1182999.62563,	123.09
BS-06T-210	696355.15888,	1182909.61162,	124.41
BS-08C-401	698755.52817,	1177245.77430,	120.96
BS-08C-402	699054.82050,	1176782.15176,	121.46
BS-08C-403	699248.43572,	1176421.75112,	124.43
BS-08C-404	699301.00011,	1175912.00008,	120.58
BS-08C-405	699248.72601,	1175510.78749,	126.56
BS-08F-101	696150.85238,	1179975.22867,	123.21
BS-08F-102	696187.58831,	1179852.56104,	124.33
BS-08F-103	696216.54656,	1179732.24712,	123.47
BS-08F-104	696250.57261,	1179602.68559,	123.63
BS-08F-105	696296.22062,	1179472.32572,	128.09
BS-08F-106	696333.24536,	1179362.07811,	125.99
BS-08F-107	696388.86986,	1179222.19577,	126.11
BS-08F-108	696436.37776,	1179092.22919,	127.28
BS-08F-109	696492.09203,	1178969.26249,	132.83

BS-08F-111	696654.69306,	1176719.82332,	124.78
BS-08F-201	697397.69627,	1179240.48168,	129.33
BS-08F-202	697466.31892,	1179172.50478,	118.46
BS-08F-203	697513.34715,	1179124.38014,	126.43
BS-08F-204	697560.20028,	1179079.21800,	118.54
BS-08F-205	697593.61971,	1179031.52767,	122.37
BS-08F-206	697636.43458,	1178984.82655,	132.43
BS-08F-207	697673.70074,	1178929.38813,	120.64
BS-08F-208	697729.27970,	1178865.88860,	128.09
BS-08F-209	697744.38880,	1178801.43918,	127.20
BS-08F-210	697788.47793,	1178746.82112,	127.18
BS-08F-301	698485.93294,	1178004.85263,	126.29
BS-08F-302	698565.68577,	1177883.07282,	127.28
BS-08F-303	698630.70070,	1177773.22413,	163.60
BS-08F-304	698730.15424,	1177726.48345,	135.77
BS-08F-305	698864.07307,	1177642.46986,	124.77
BS-08F-306	698923.29791,	1177532.21377,	120.42
BS-08F-307	699028.50186,	1177436.43118,	126.88
BS-08F-308	699127.96711,	1177312.36874,	125.64
BS-08F-309	699184.35821,	1177260.93818,	124.77
BS-08F-310	699156.03286,	1177202.32014,	125.79
BS-10C-201	699407.40320,	1175161.21445,	121.04
BS-10C-203	699872.33753,	1174297.02354,	122.85
BS-10C-204	700183.30046,	1173839.31600,	126.42
BS-10C-205	700286.99628,	1173417.16673,	122.91
BS-10T-101	699175.21205,	1175056.53392,	130.24
BS-10T-102	699229.67187,	1174864.66845,	132.95
BS-10T-103	699393.82653,	1174653.00810,	127.75
BS-10T-104	699342.05886,	1174545.67671,	127.43
BS-10T-105	699406.87588,	1174456.39744,	132.05
BS-10T-106	699432.59101,	1174354.59696,	124.04
BS-10T-107	699601.56893,	1174222.62980,	127.13
BS-14C-401	700264.57935,	1171519.96614,	125.46
BS-14C-402	700340.72390,	1171074.72802,	121.56
BS-14C-403	700546.50610,	1170480.25083,	130.47
BS-14C-404	700618.93284,	1170285.83428,	130.81
BS-14C-405	700668.65822,	1170109.84511,	130.46
BS-14C-501	700628.46040,	1169497.28317,	127.55
BS-14C-502	700592.31776,	1169397.57781,	130.17
BS-14C-503	700558.47544,	1169353.12450,	120.51
BS-14C-504	700521.12185,	1169255.48567,	122.28
BS-14C-505	700468.75268,	1169148.89581,	119.46
BS-14C-506	699962.14505,	1168346.83330,	126.54
BS-14C-507	700193.34801,	1168331.09711,	122.21
BS-14F-201	700630.34451,	1172101.11192,	126.54
BS-14F-202	700940.88394,	1171220.48594,	123.77
BS-14F-203	701166.57894,	1170817.41908,	123.53
BS-14F-204	701260.89459,	1170494.59047,	127.34
BS-14F-205	701267.17996,	1170341.71451,	124.16
BS-14F-206	701306.15028,	1170200.04357,	129.06
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BS-14T-101	701044.99956,	1170932.00032,	120.58
BS-14T-102	700857.73136,	1170864.79049,	122.65
BS-14T-103	700939.99690,	1170699.11859,	125.37
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BS-14T-302	700192.15671,	1171641.22417,	125.76
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BS-14T-304	700243.05270,	1171328.67306,	123.63
BS-14T-305	700300.14985,	1171208.54381,	118.73
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BS-16F-105	699989.99984,	1165987.99970,	120.58
BS-16F-106	699976.29355,	1165842.77816,	121.77
BS-16F-107	699939.71142,	1165651.57126,	128.54
BS-18C-201	699192.05245,	1164569.97152,	124.91
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FS-28-4	701420.99846,	1149936.62024,	111.12
FS-37-1	676498.56327,	1064037.31490,	157.71
FS-37-2	675290.92886,	1063106.54544,	155.88
FS-37-3	675584.41118,	1062825.35652,	153.16
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HR-505	699198.71697,	1187277.82710,	163.00
HR-524	675558.02304,	1061729.81087,	163.08
REDRK7BASE	699221.02982,	1187301.25957,	126.58
REDROCKBASE	699221.02982,	1187301.25957,	126.58
ft miller	700819.06430,	1162063.15008,	126.58
ftmiller	700819.06430,	1162063.15008,	126.58
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NAD 83 (1996) & NAVD88, PT#, NORTH, EAST , MSL IN US SURVEY FEET

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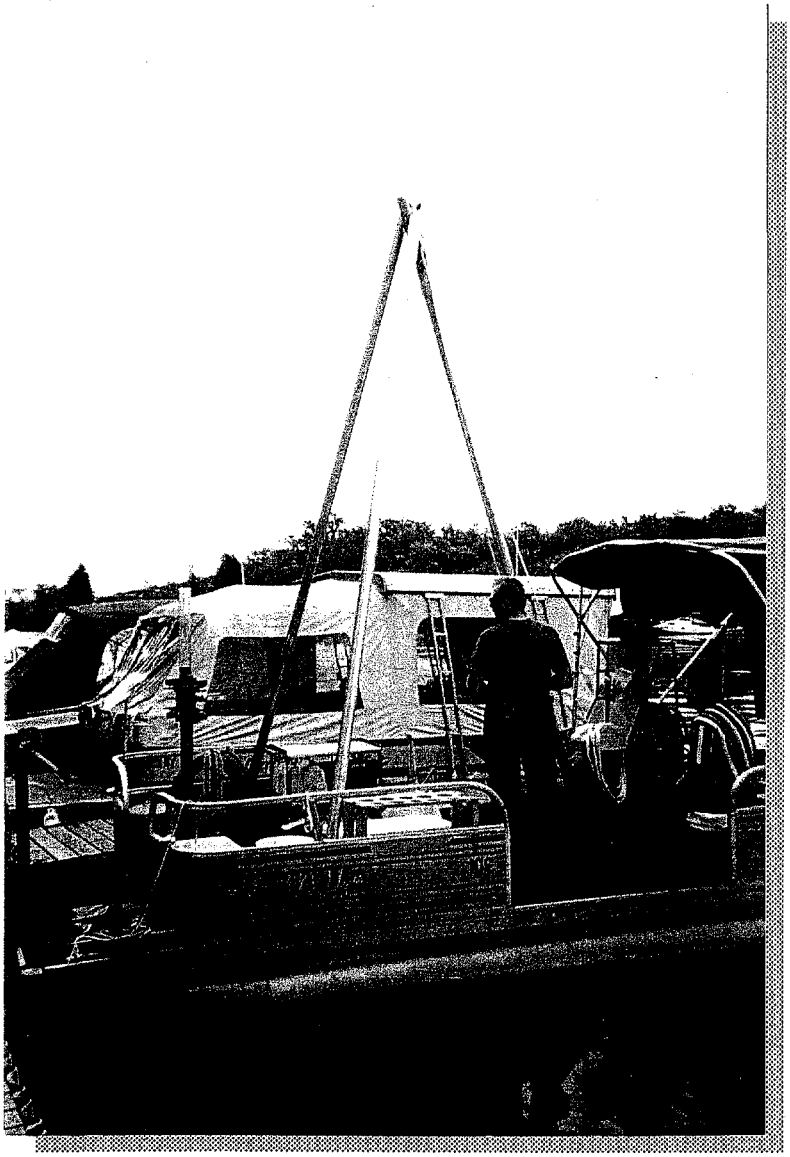
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FS-37-1,713365.589,1489320.343,157.053
FS-37-2,712159.872,1488387.209,155.215
FS-37-3,712453.896,1488106.617,152.504
FS-37-4,711948.580,1487511.555,157.093
HR-505,735819.105,1612600.416,162.421
HR-524,712429.685,1487011.067,162.421
REDRK7BASE,735841.370,1612623.892,126.000
REDROCKBASE,735841.370,1612623.892,126.000
ft miller,737489.682,1587390.214,126.000
ftmiller,737489.682,1587390.214,126.000
redrk7,735841.370,1612623.892,156.500

APPENDIX B

Photographs of field activities



1 O'Brien & Gere sampling boat with sediment coring tripod.

315847



2 Core sampling using vibracore.

315848



3 Vibracore sampler in use.



4 Penetration of sediment with vibracore sampler.

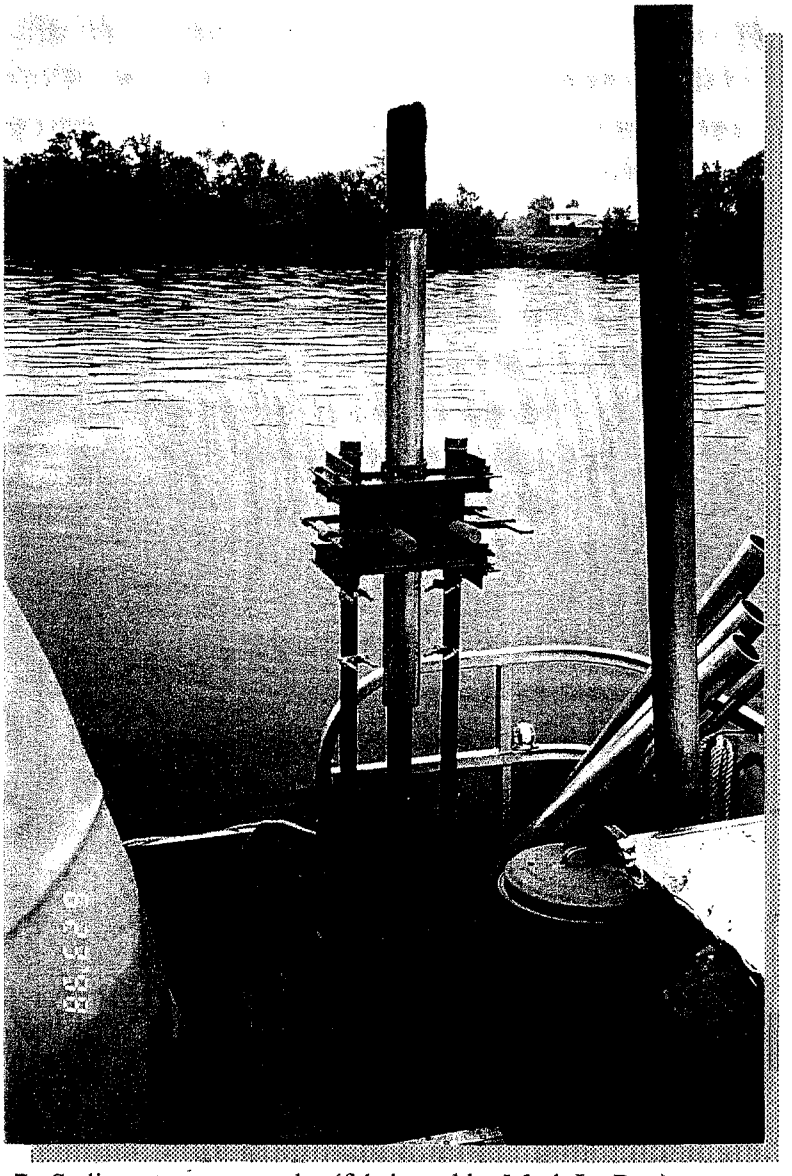
315849



5 Penetration of sediment using vibracore sampler.



6 Capping of sediment core.



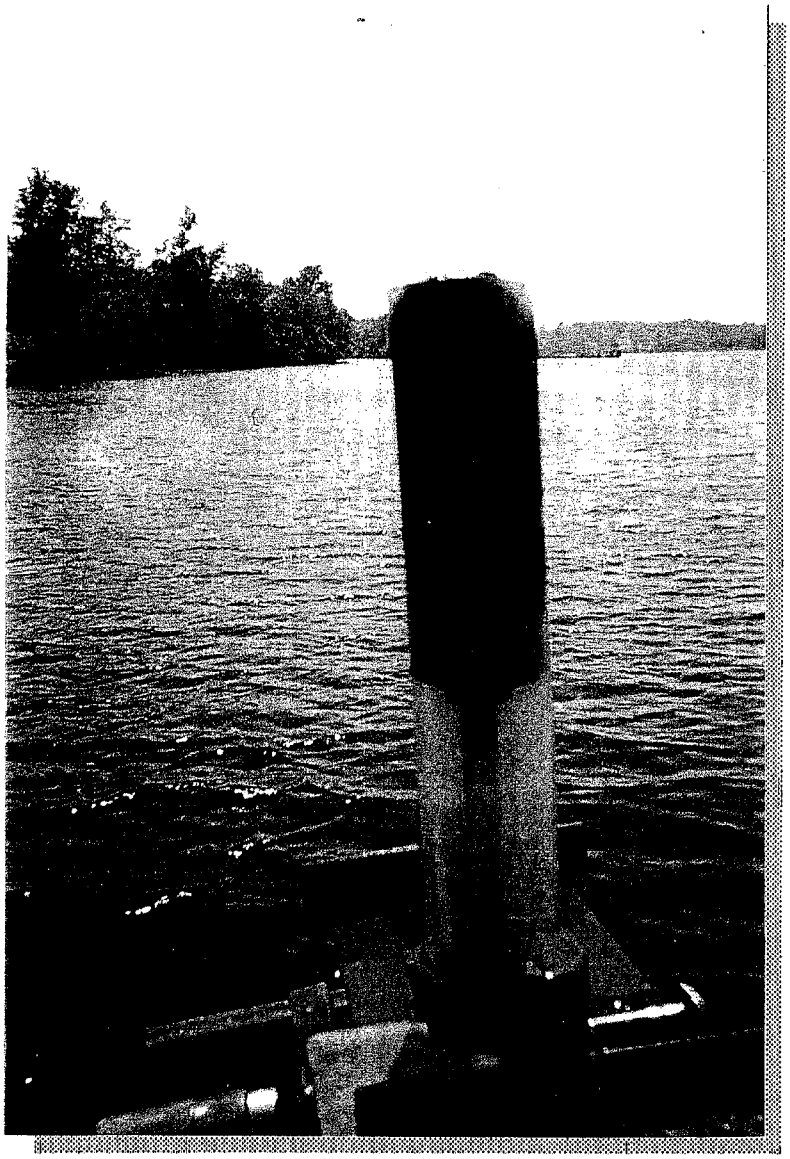
7 Sediment core extruder (fabricated by Mark La Rue).

315851



8. Preparation of core.

315852



9 Push core sample with fine silt layor visible on surface with a gravel layer at approximately 10 cm.

315853



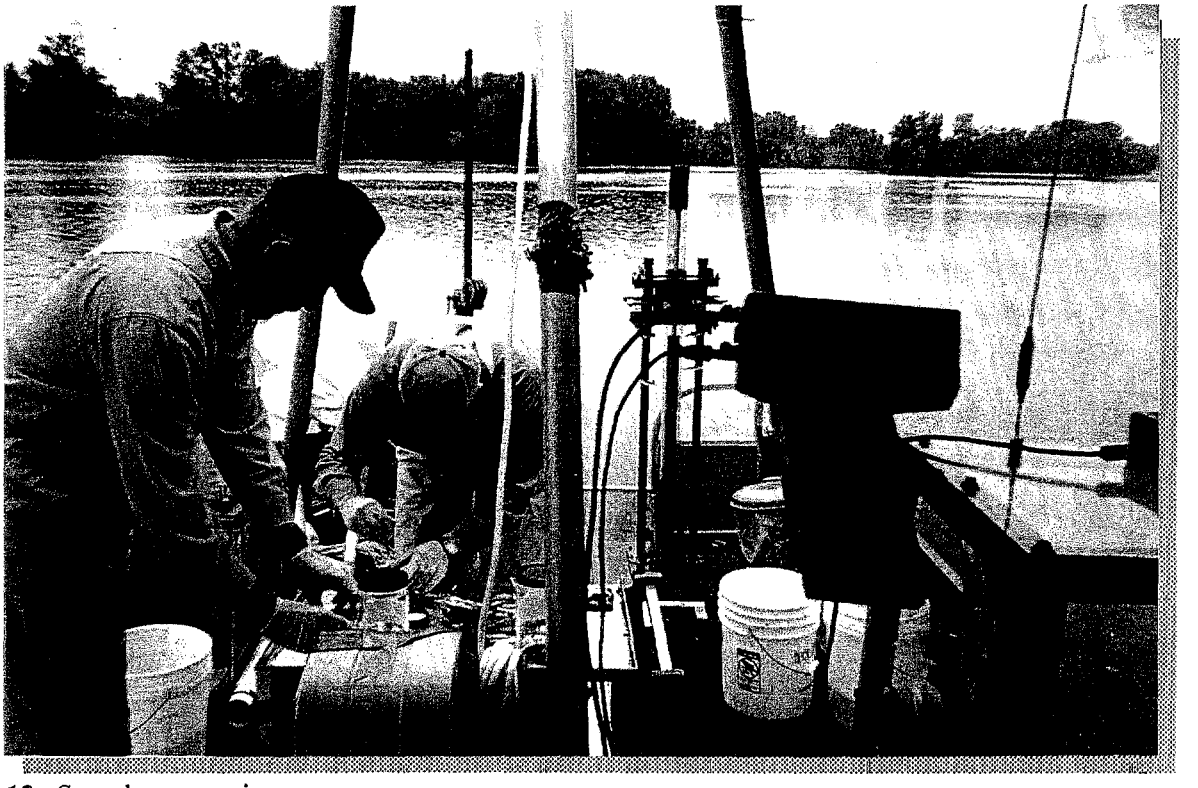
10 Sediment recovery and measurement.

315854



11 Sectioning a 0-2 cm layer.

315855



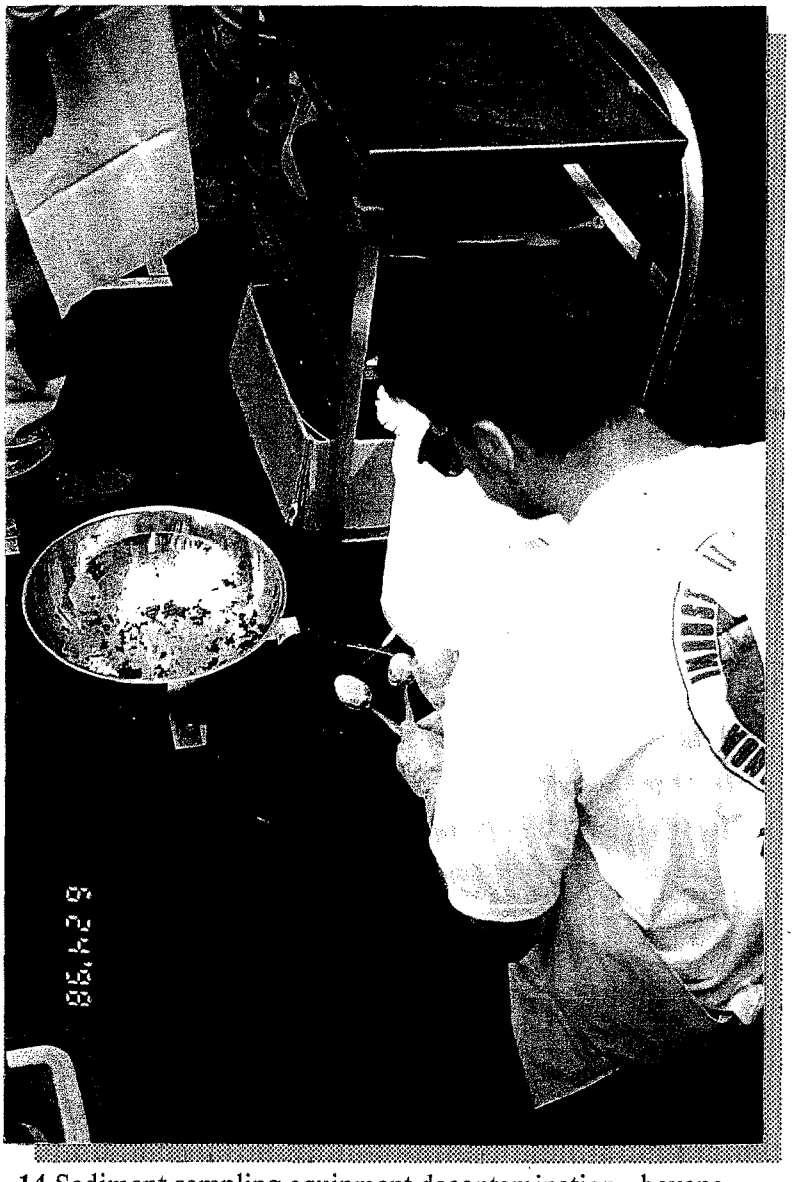
12 Sample processing area.

315856



13 Sediment sampling equipment decontamination - acetone.

315857

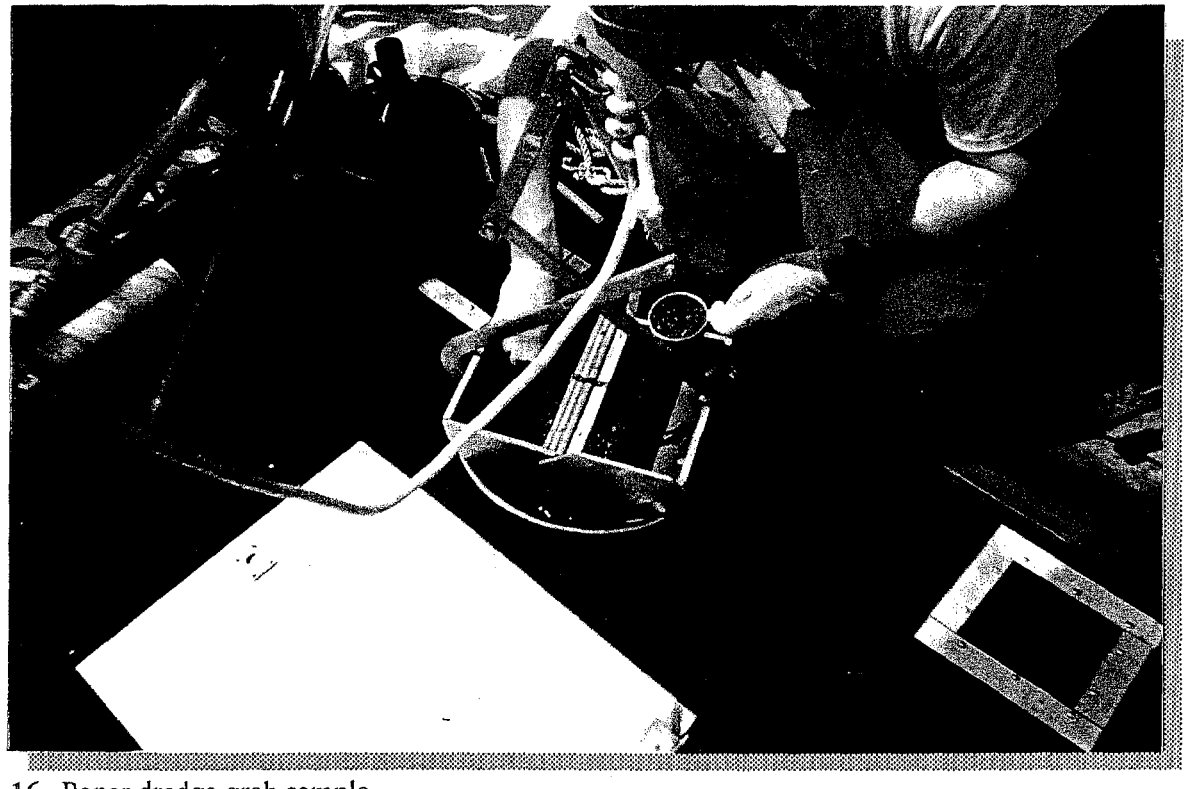


14 Sediment sampling equipment decontamination - hexane rinse.

315858

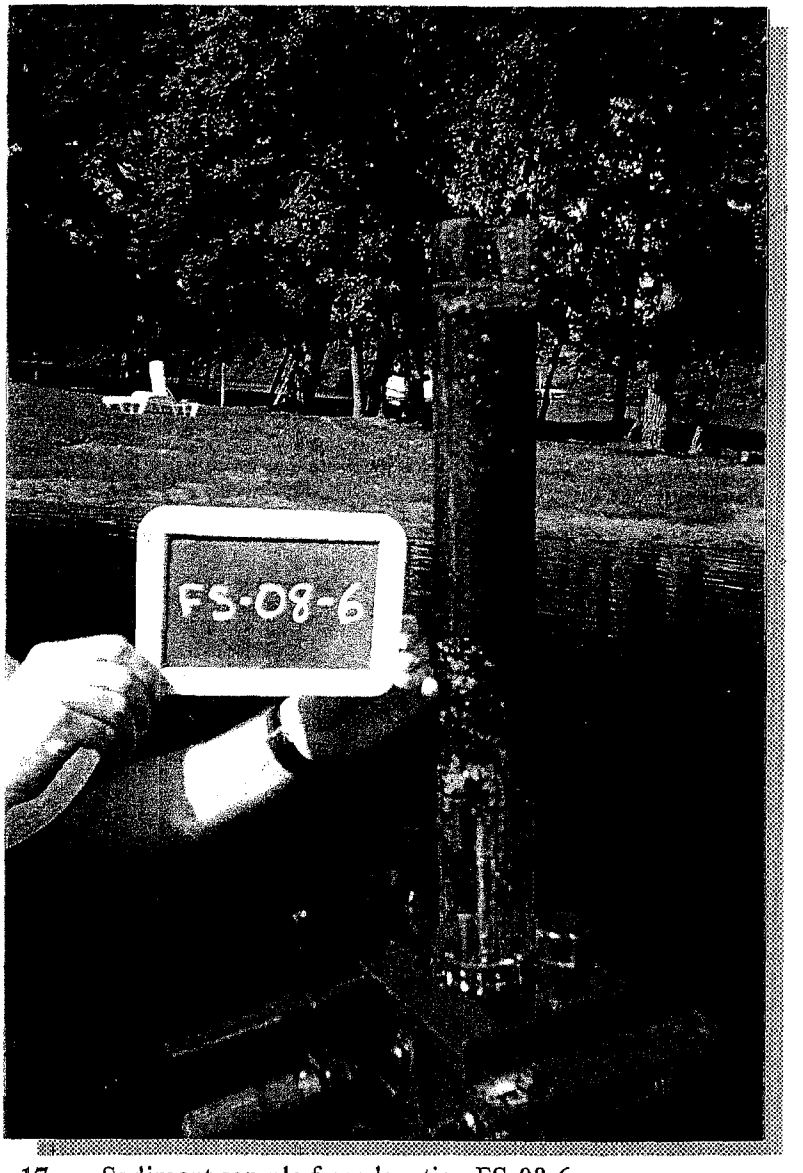


15 Sectioning and compositing core.



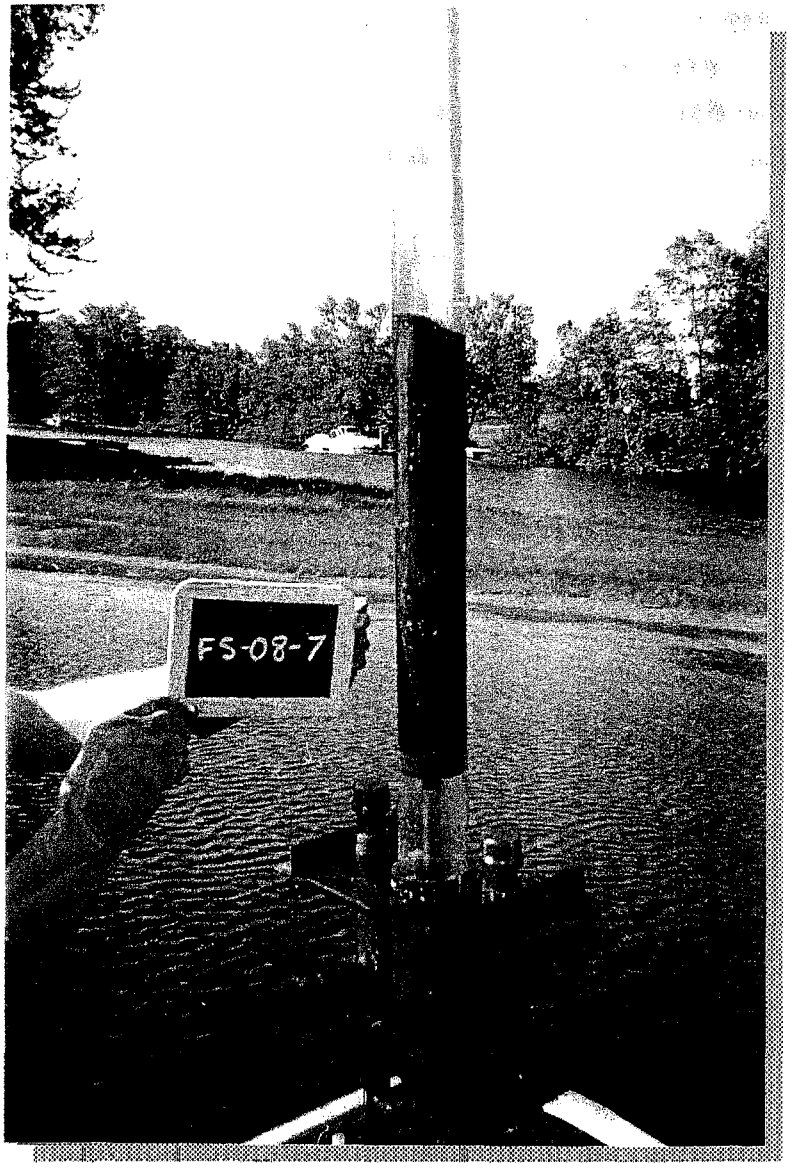
16 Ponar dredge grab sample.

315859



17 Sediment sample from location FS-08-6.

315860



18 Sediment sample from location FS-08-7.

315861



19 Sediment sample from location FS-08-4 (5-23 cm).



20 Sediment sample from location FS-09-1 (46-63 cm)



21 Extruded sediment core from sampling location FS-09-21 (0 -23 cm).

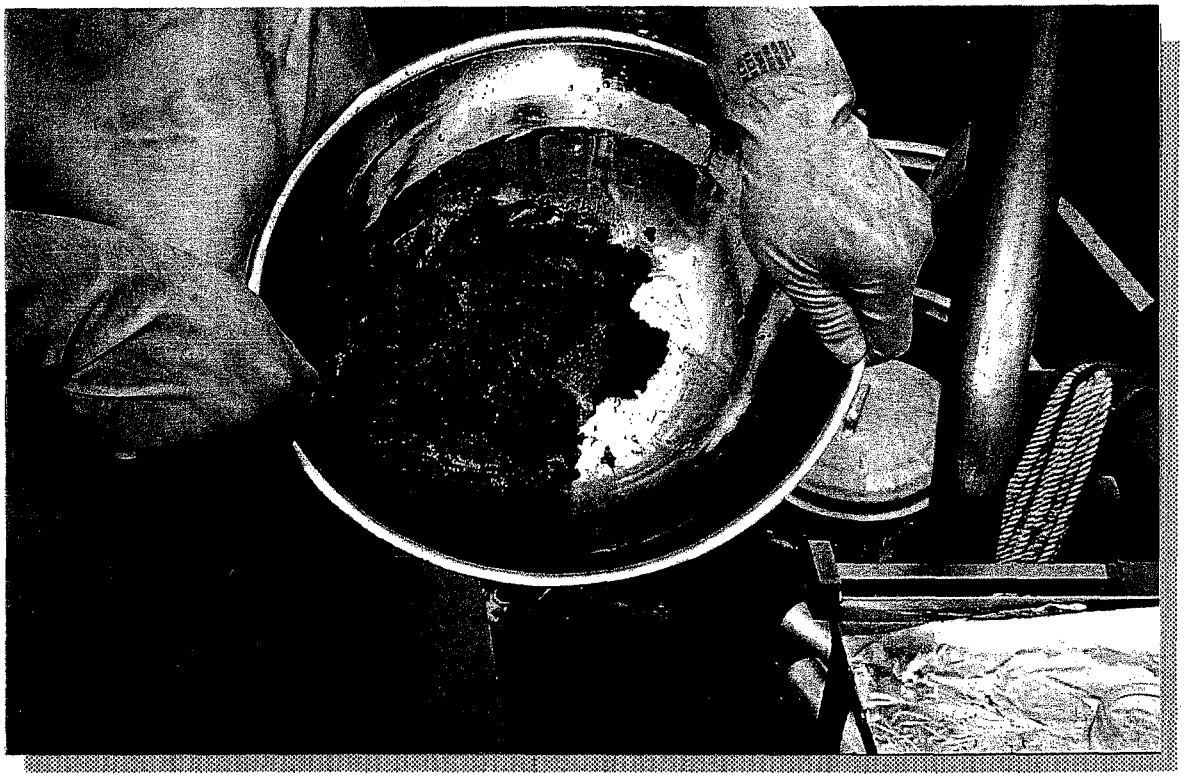


22 Extruded sediment core from location FS-09-23 (0 -23 cm).

315863

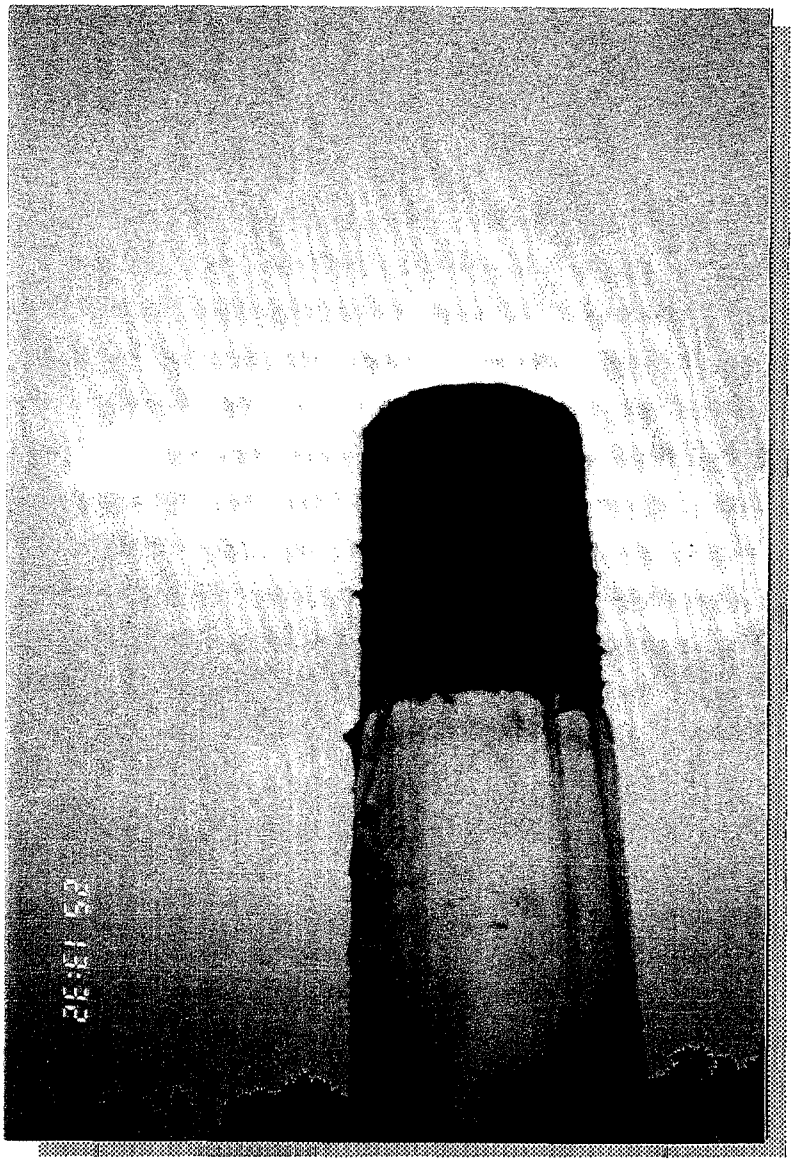


23 Sediment sample from location FS-14-11 (0-23 cm).



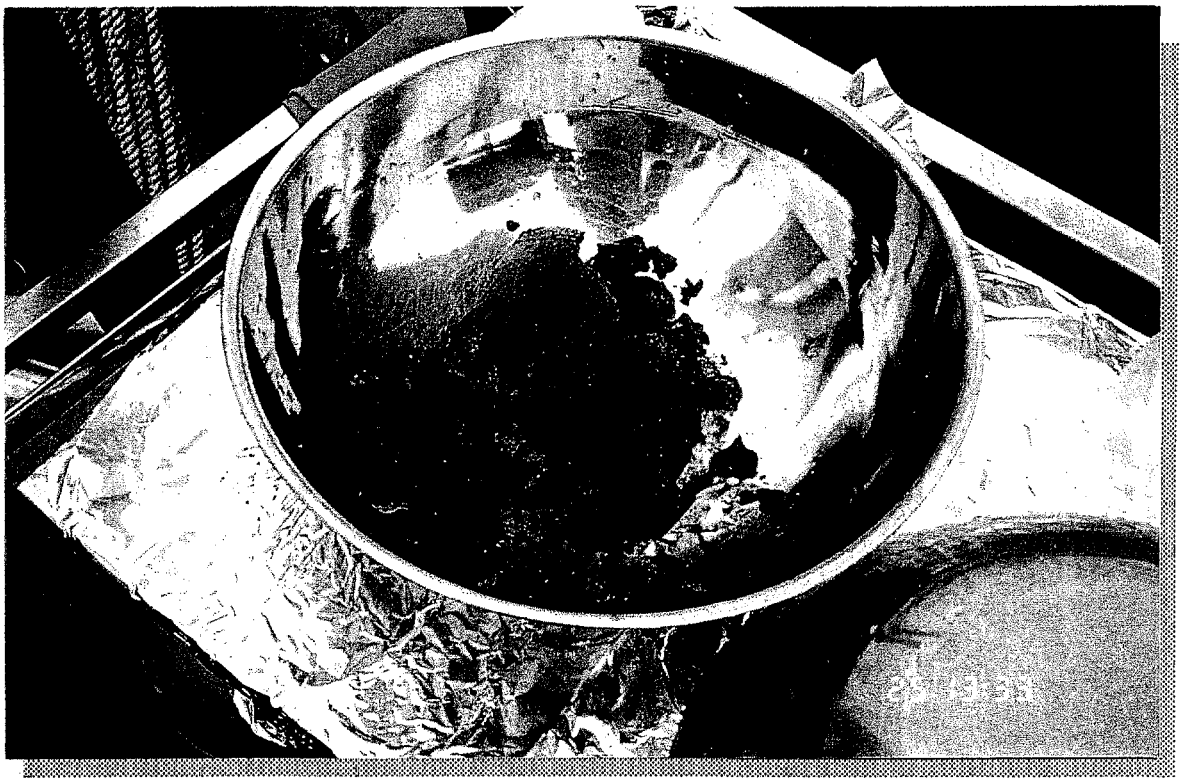
24 Sediment sample from location FS-14-1 (23-46 cm).

315864



25 Sediment sample from location FS-14-1 being extruded from aluminum core tube.

315865

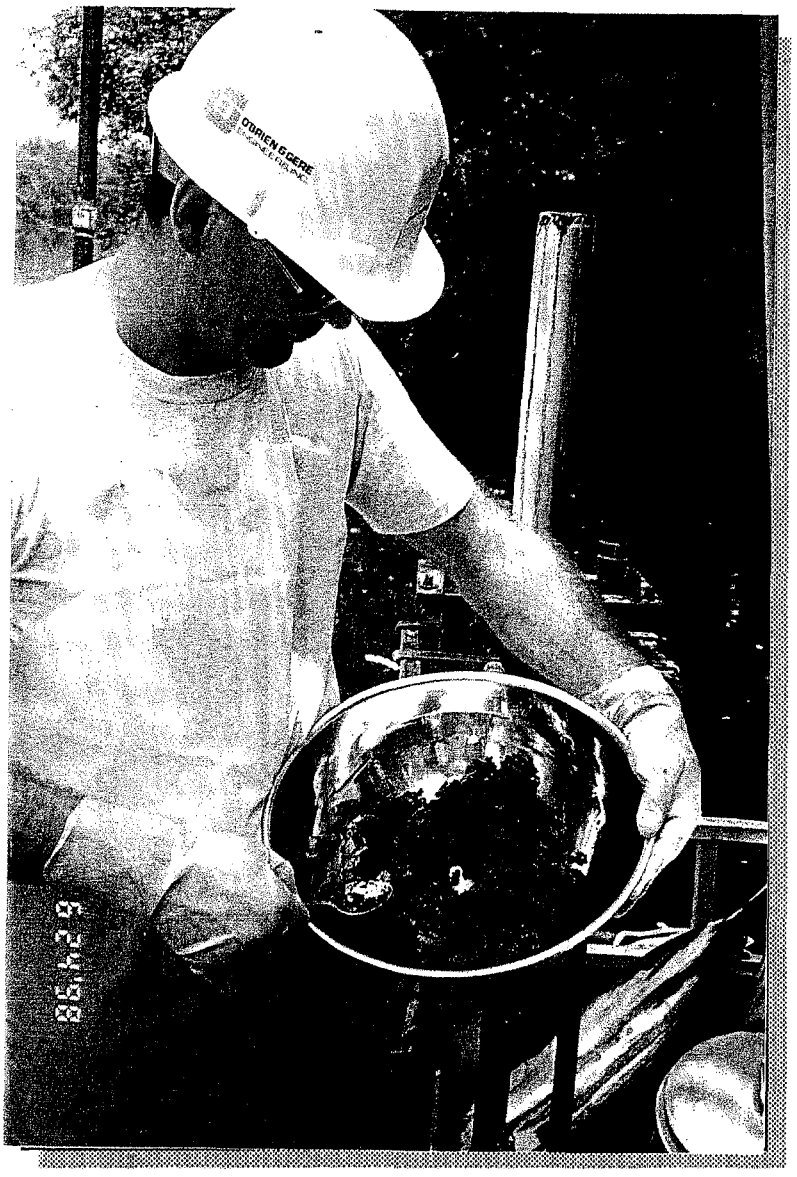


26 Extruded sediment core from location FS-14-1(46-69 cm).



27 Extruded sediment core from location FS-14-1 (69-91 cm).

315866



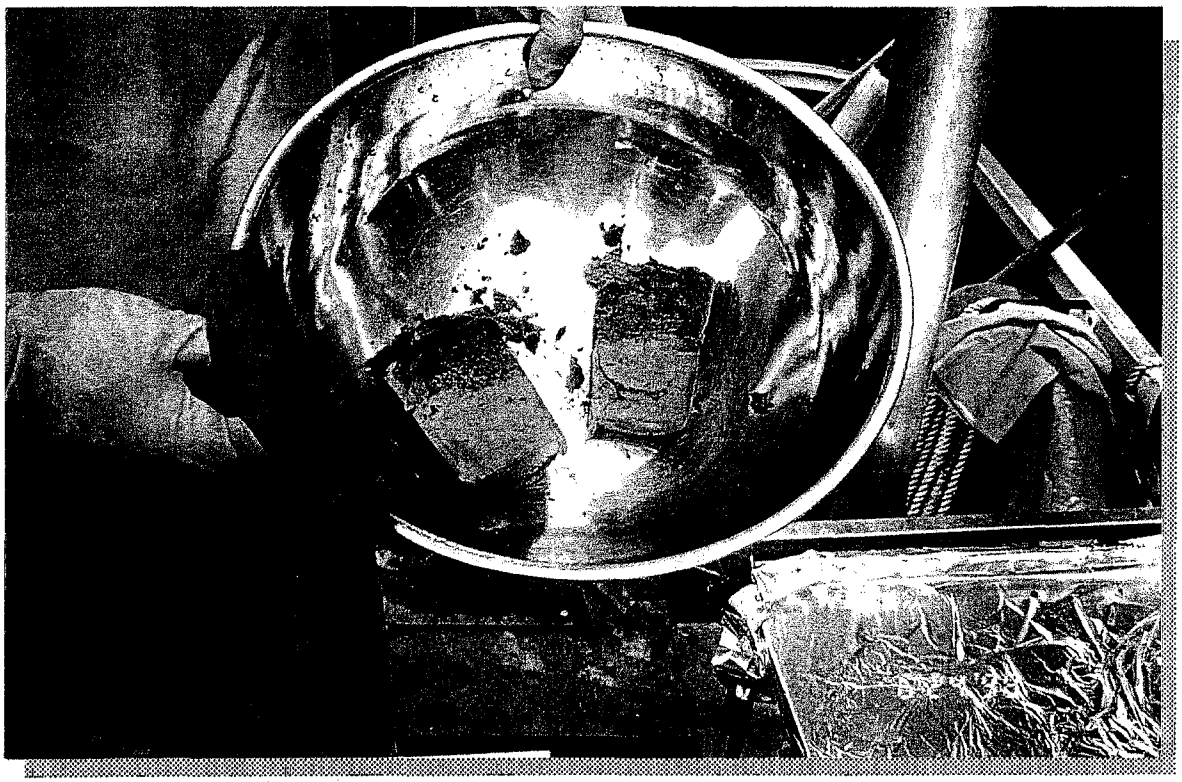
28 Sample from location FS-16 (5-23 cm).

315867



29 Composite sample from location FS-16 (23-46 cm).

315868

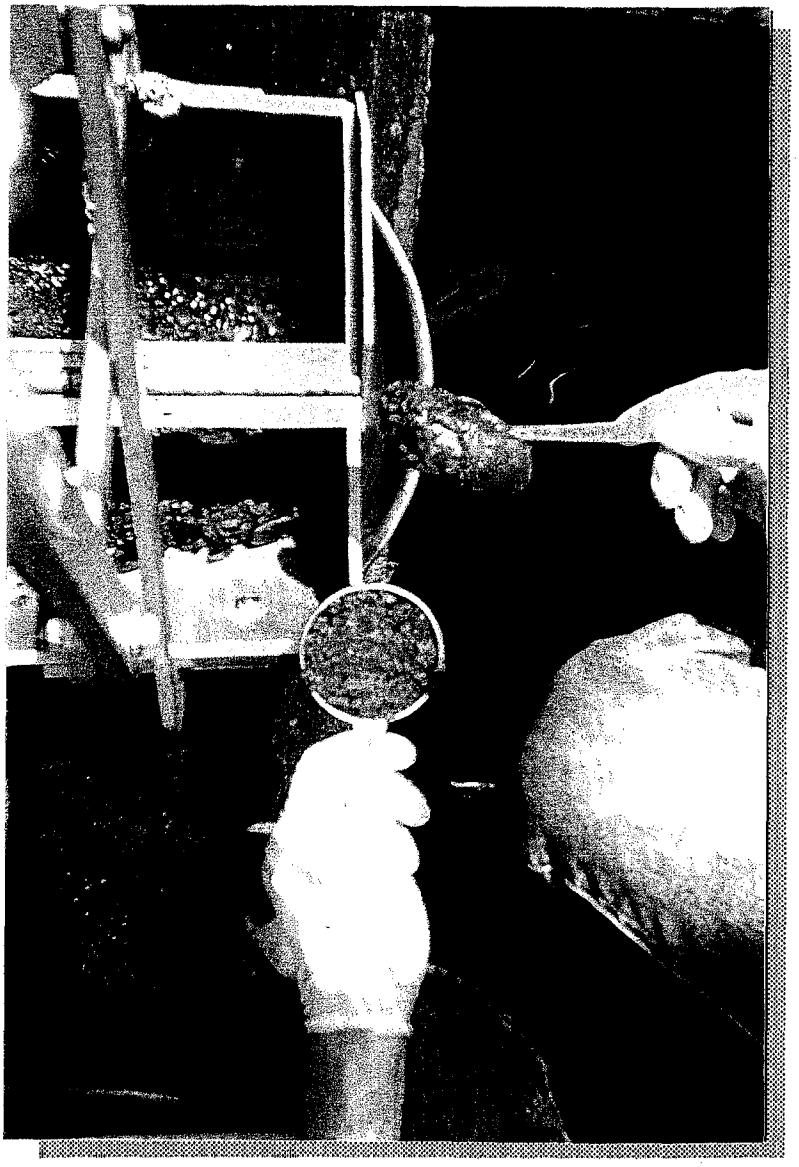


30 Extruded sediment core from sample location FS-16 (46-66 cm).



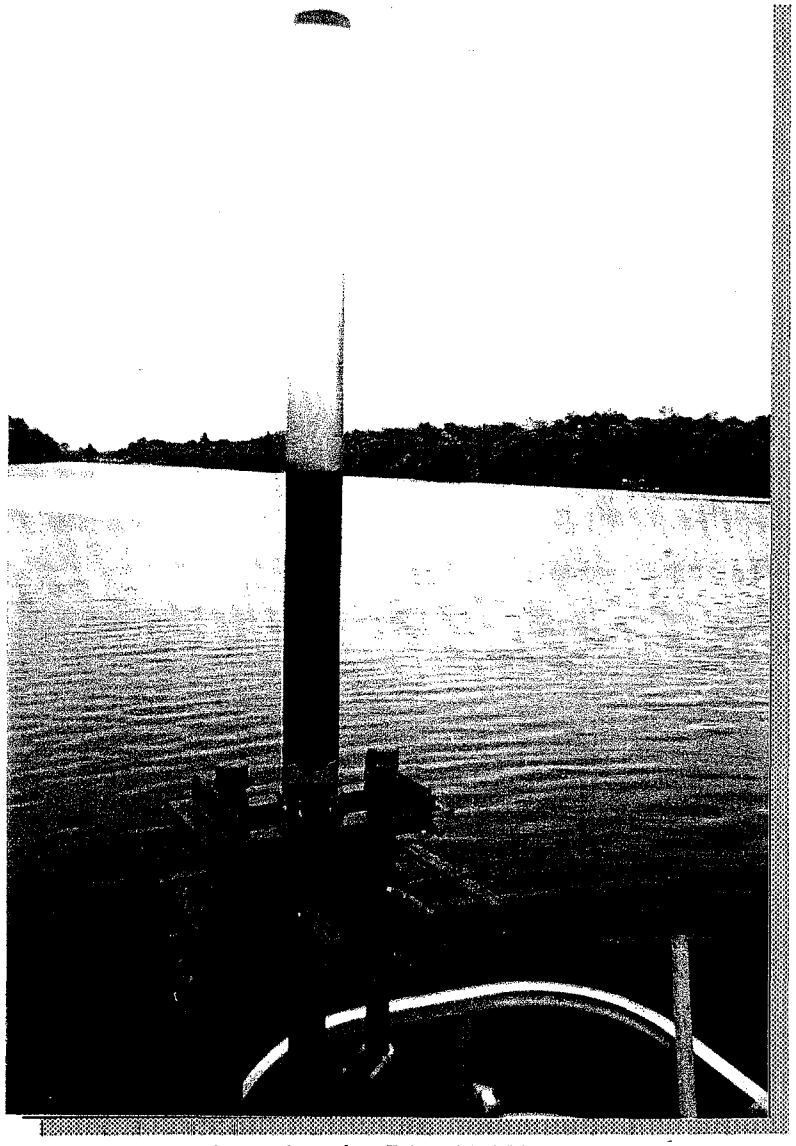
31 Composite sediment core from location FS-16-12 (0-23 cm).

315869



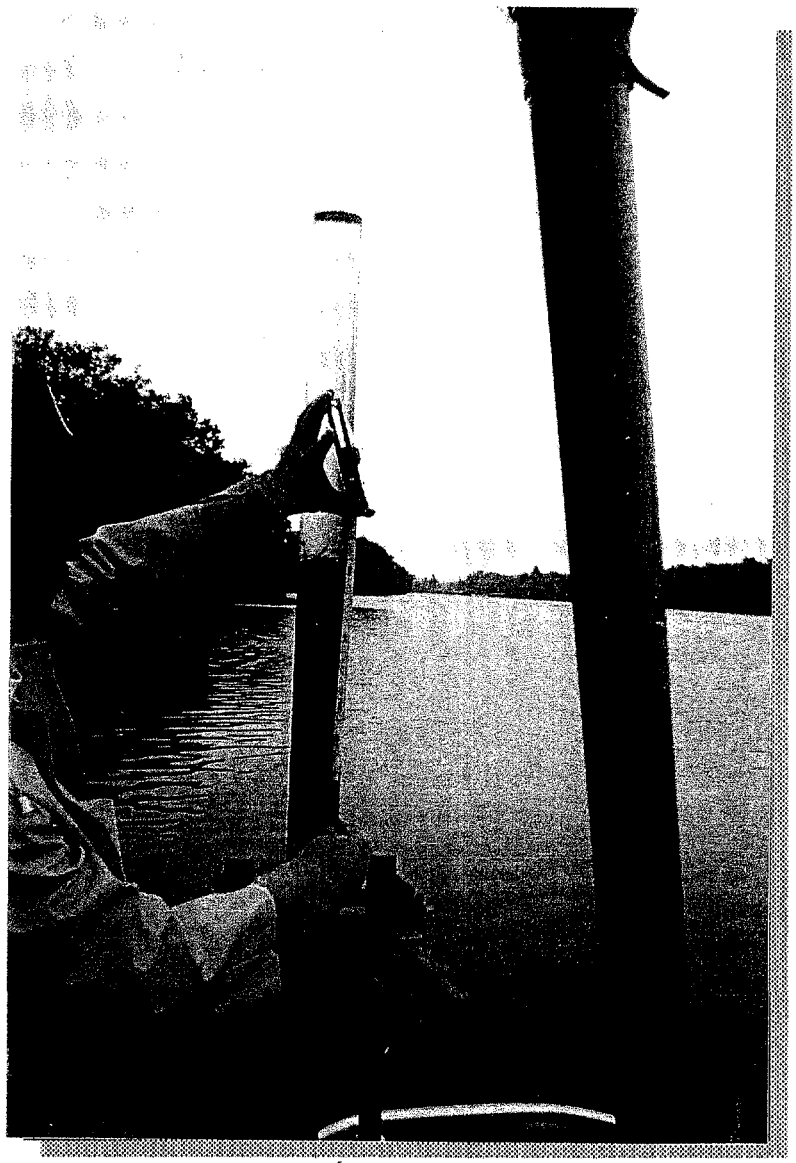
32 Ponar dredge grab sample with clam on spoon at location BS-06C-305.

315870



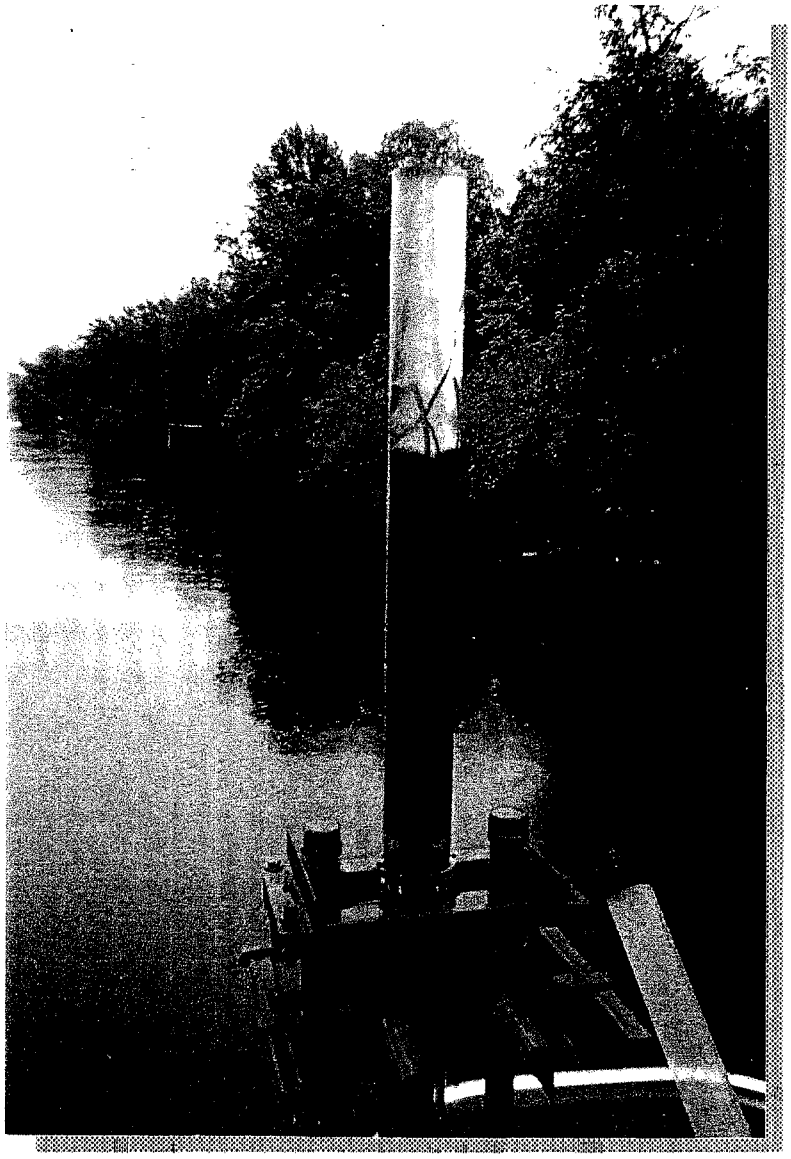
33 Core extrusion at location BS-06F-109

315871



34 Measuring recovery at location BS-06F-111. Note vegetation on surface.

315872



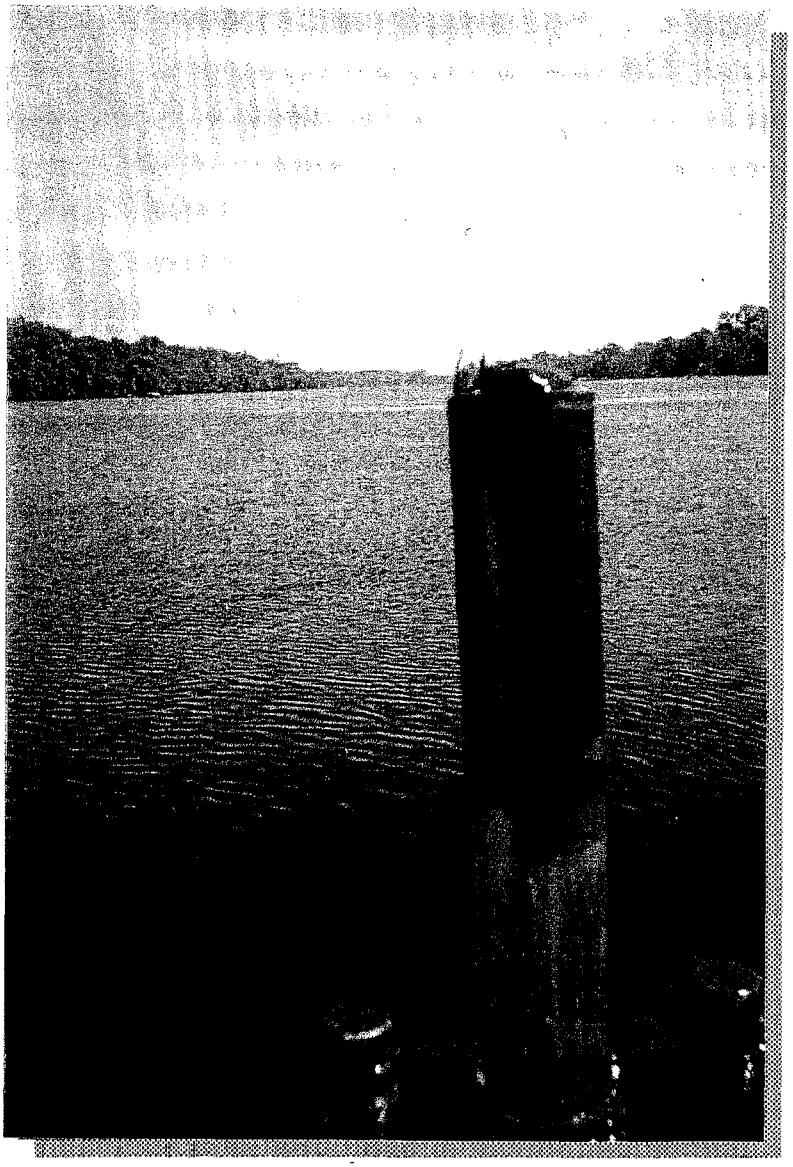
35 Sediment core in extruder at location BS-06T-203. Note vegetation at surface.

315873



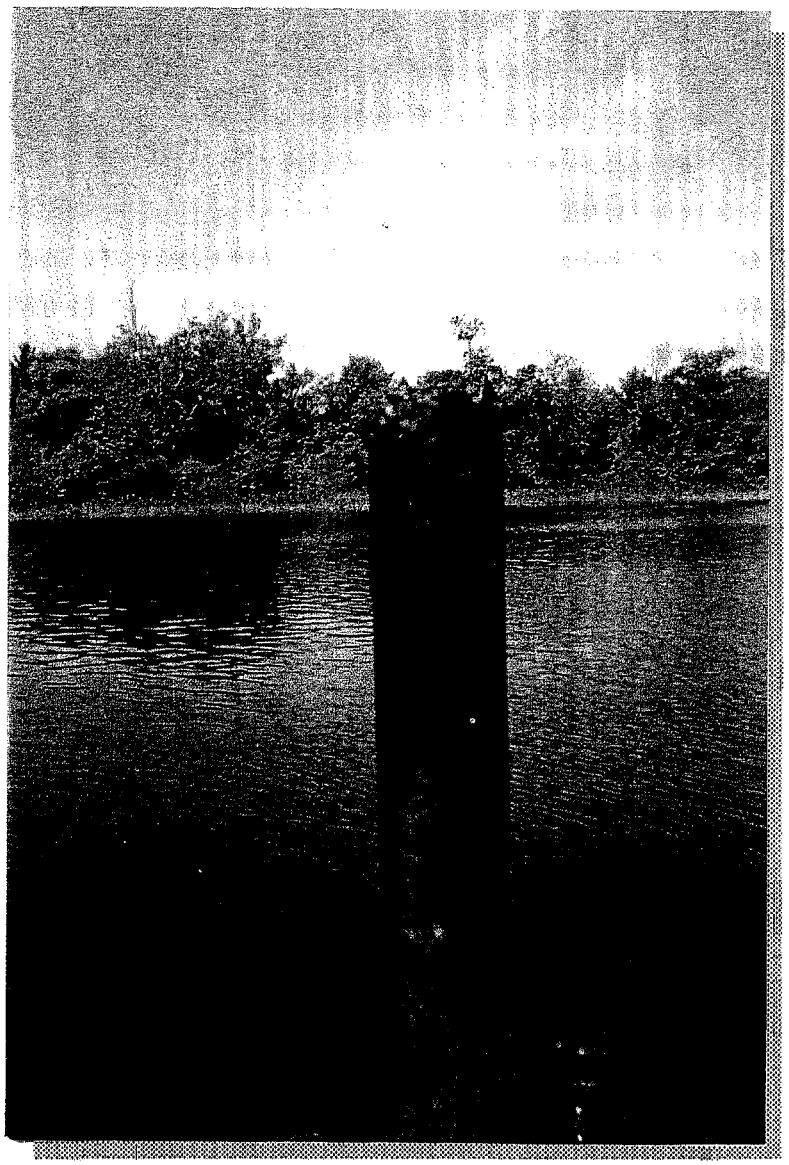
36 Sediment core with wood chips at location BS-06T-207.

315874



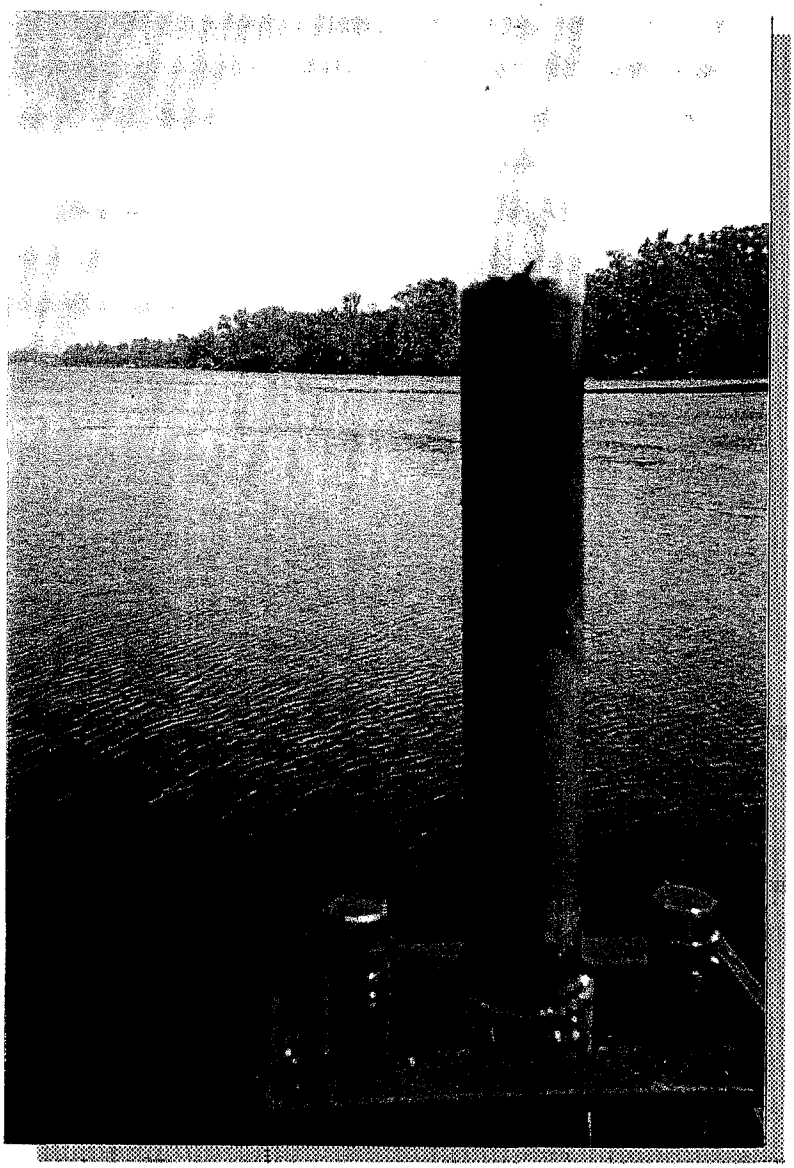
37 Push Core with rock on surface at location BS-18C-403.

315875



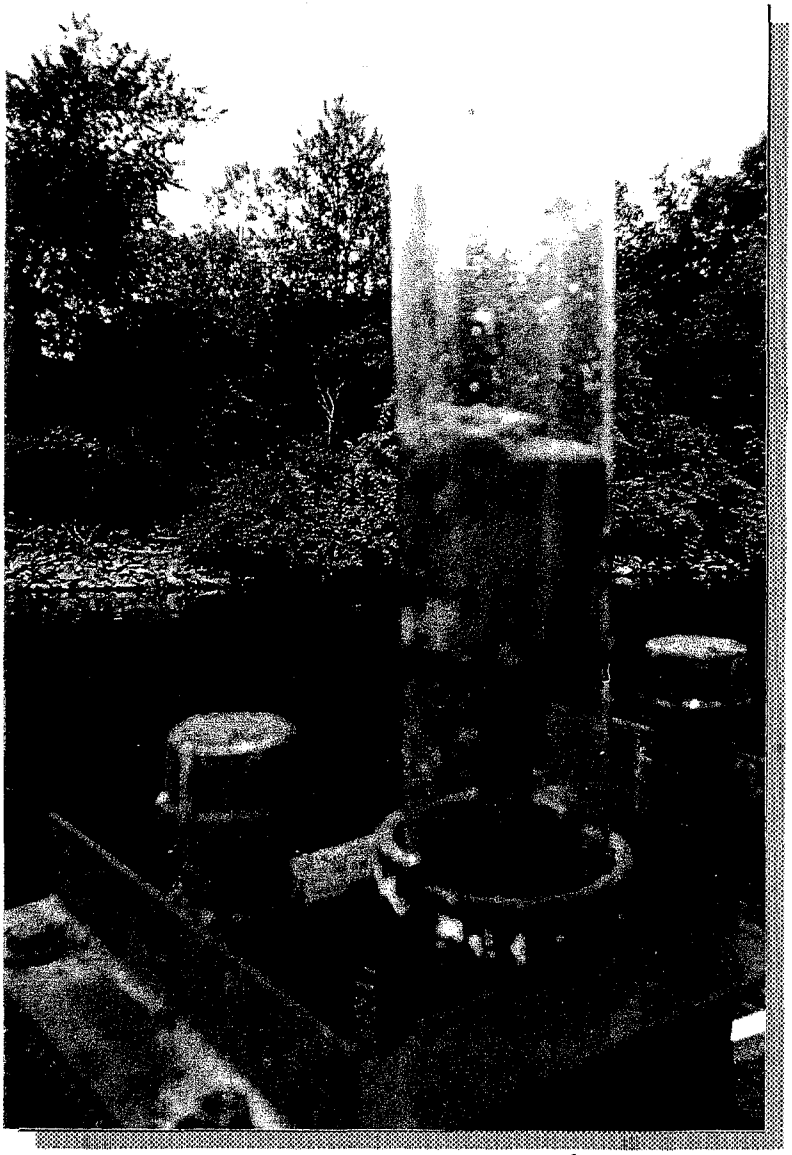
38 Push core sample with gravel on top at location BS-18C-404.

315876



39 Push core sample with sediment layers visible at location BS-18C-405.

315877



40 Silt layer at location BS-18C-501

315878

APPENDIX C

Field Logs

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FS	FS-02-1	6/18/98 1356	Overcast
Water Depth	**Core Type**	**Core to be Composited?**	
10.5'	Vibracore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
114cm	67cm	Northing/Lat. = 160320 4.607 ft Easting/Long. = 735117.176 ft	

Time	Core Section Interval	Visual Description	Grain Size	Comments
1443	0-1	Fine sand/silt		Brown color
1503/~~1443~~/1506	1-2	Fine sand/silt		Freshwater clam - brown
1515	2-3	"		Brown
1520	3-4	"		"
1611	4-5	" & some wood chips		"
16	5-23	Fine sand organic matter - wood chips, leaves, roots		"
	23-46	Fine sand w/ large wood chip, yellow & red pigment PCB odor		"
	46-67	silty sand pine needles leaf, varv yellow, red, blue pigment PCB odor		Grey Brown

Sampler Initials: MDL, RMN, SAE

315880

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused FS-08-2	FS-08-02	6/22/98 1145	Overcast Hot & Humid
Water Depth	**Core Type**	**Core to be Composited?**	
7'	Vibracore	0-5cm discrete 5-80 composites ☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
114cm ~~80cm~~ WAR	80cm	Northing/Lat. = 160317.329 Easting/Long. = 735231.624	

Core Section Interval	Visual Description	Grain Size	Comments
TIME			
1310 0-1	Brown fine Sand & Silt		
1316 1-2	Brown fine Sand & Silt		
1322 2-3	Brown fine Sand & Silt		Brown fine Sand & Silt
1326 3-4	Same w, less water		
1330 4-5	Same		
1335 5-23	Same, w, wood chips at ~16 cm at bottom		photo - wood chip on spoon
1340 23-46	Brown medium Sand fading toward gray wood chip leaf, red pigment		photo - wood chip. leaf, red pigment
1349 46-69	Brown fine Sand & gray silt. Organic matter leaves red & yellow pigment		photo
1354 69-80	Med gray/brown Wood chips, organic matter, fibrous portions red pigment		photo (extruded core)

Sampler Initials: MDL, RMW, SG

WAR

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-08-3	6/22/98 1625	Sun/Haze 81 Hum. 0
Water Depth	**Core Type**	**Core to be Composited?**	
~ 14'	Vibracore	6-5 discrete (0-1cm) ☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
106 cm 74 ft Sediment present	103 cm	Northing/Lat. = 1603047.160 Easting/Long. = 735258.635 feet	

Core Section Interval		Visual Description	Grain Size	Comments
1705	0-1	Brown fine sand		
1707	1-2	Brown fine sand slightly coarser than 0-1		
1711	2-3	Same, w, red pigment		
1713	3-4	Same "	"	
1717	4-5	Same "	"	
1721	5-23	Brown fine sand ± silt, odor dash of coarser grained sand		
1725	23-46	Fine sand turning to coarse sand, primarily coarse sand.		
1730	46-69	Gray; LITTLE GRAVEL Coarse sand at top, ~13cm clay at bottom gray		
1734	69-91	Gray clay		

Sampler Initials: MDL, RMN, STG

315882

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-08-4	6/23/98 0804	Humid. South Breeze Light
Water Depth	**Core Type**	**Core to be Composited?**	
~81'	Vibracore	0-5 Discrete (10cm) 5pt composites (23cm) ☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
116cm	67cm	Northing/Lat. = 160319.893 Easting/Long. = 735382.019	

Core Section Interval			Visual Description	Grain Size	Comments
TIME 0835	0-1		DARK BROWN AQUEOUS SEDIMENT	FINE SAND & SILT	
0840	1-2		"		
0845	2-3		DARK BROWN, FINE SAND & SILT LESS AQUEOUS THAN 0-2cm YELLOW & RED PIGMENT		
0847	3-4		DARK BROWN TO BLACK SILT/FINE SAND TRACES OF PIGMENTS: RED & YELLOW		
0852	4-5		SAME		
0858	5-23	DUP-1	DARK BROWN-BLACK FINE SAND/SILT WOOD CHIPS ORGANIC MATTER, YELLOW PIGMENT		
0904	23-46		SAME W/ SOME COARSE SAND AT BOTTOM OF CORE W/ RED PIGMENT		
0906	46-67	MS	BROWN SILT TRACES, COARSE SAND WOOD CHIP, RED PIGMENT		
0910	FS-20BU				

Sampler Initials: MDL, RAN, STG

NOTA

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-08-5	8/12/98 / 13:50	FAIR, 75° F
Water Depth	**Core Type**	**Core to be Composited?**	
6.2	PUSH	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
47 cm	41 cm	Northing/Lat. = 1003947 Easting/Long. = 734022	CQ = 3.0

Core Section Interval	Visual Description	Grain Size	Comments
CM 1 — 14:18	BROWN MED./COARSE SAND		
2 — 14:30	BROWN/WHITE COARSE SAND		
3 — 14:35	SAME AS ABOVE		
4 — 14:40	SAME AS ABOVE		
5 — 14:45	SAME AS ABOVE		
14:50	BROWN/WHITE COARSE SAND, WOOD CHIPS, SHALE FRAGMENTS		
23			
14:55	GRAY COARSE SAND W/ SHALE FRAGMENTS		
41 — END OF CORE			

Sampler Initials: RMN, KB, MDL

315884

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-08-6	8/12/98 / 15:20	FNR, 75°

Water Depth	Core Type	Core to be Composited?
12.5'	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
44 ~~50~~ cm (MDL)	32 ~~35~~ cm (MDL)	Northing/Lat. = 1603749 CQ=3,1 Easting/Long. = 734310

Core Section Interval	Visual Description	Grain Size	Comments
cm 1 2 3 4 5 23 32 END OF CORE	15:35 BROWN MED./COARSE SAND SHALE FRAGMENTS 15:45 BROWN/WHITE MED/COARSE SAND, WOOD CHIPS, SHALE FRAGS. 15:50 SAME AS ABOVE 15:55 SAME AS ABOVE, EXCEPT NO WOOD CHIPS 15:58 BROWN COARSE SAND W/ SHALE FRAGS. 16:05 SAME AS ABOVE 16:10 COARSE GRAY SAND W/ SHALE FRAGMENTS, WOOD CHIPS		

Sampler Initials: RMN, KB, MDL

315885

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-08-7	8/12/98 / 16:30	FAIR / 75°

Water Depth	Core Type	Core to be Composited?
8.0'	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
(MDL) 71 ~~78~~ cm	45 cm	Northing/Lat. = 1603720 Easting/Long. = 734420 CR = 2.2

Core Section Interval	Visual Description	Grain Size	Comments
cm 1 2 3 4 5 23 45 END OF CORE	BROWN FINE/MED. SAND 16:35 SAME AS ABOVE 16:45 SAME AS ABOVE 16:50 SAME AS ABOVE, SOME ORG. MATTER 16:55 ~~GRAY BLACK DARK BROWN~~ MED. SAND (MDL) 17:00 GRAY BLACK COARSE SAND, ODOR, RED PIGMENT 17:05 GRAY MED. SAND, SOME SILT, NUMEROUS WOOD CHIPS 17:08		

Sampler Initials: RMN, KB, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-08-21	6/22/98 1225	~~Overcast~~ Hot H424 Hum. 0
Water Depth	**Core Type**	**Core to be Composited?**	
~7'	Vibracore	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
114 cm	80 cm	Northing/Lat. = 1603179.311 Easting/Long. = 935229.812	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1413 0-23cm	Brown/gray fine silty sand some organic matter; higher moisture content than FS-08-23 & FS-08-24		

Sampler Initials: MAL, RMN, SG

315887

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-08-22	6/22/98 1237	Hazy Humid
Water Depth	**Core Type**	**Core to be Composited?**	
-7'	Vibracore	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
136cm	99cm	Northing/Lat. = 1603191.928 Easting/Long. = 735232.606	

Core Section Interval	Visual Description	Grain Size	Comments
H26 0-23cm	Same as FS-08-21 Brown/Gray fine Silty Sand Some organic matter		

Sampler Initials: MDL, RMN, SC

315888

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-08-23	6/22/98 1255	Hazy Hum. 0
Water Depth	**Core Type**	**Core to be Composited?**	
~7'	Vibracore	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
122cm	92cm	Northing/Lat. = 1603180, 849 Easting/Long. = 735 234. 841	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1440 0-23	Brown/gray mud & silt fine sand, some wood chips		

Sampler Initials: MDL, RMN, STG

315889

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-08-24	6/22/98 1210	OVERCAST HOT & HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
~7'	Vibracore	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
106 cm	92 cm	Northing/Lat. = 1603178.846 Easting/Long. = 735233.075	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1405 0-23cm	Brown/Gray fine silty sand some organic matter		

Sampler Initials: MA, RMN, STG

315890

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-09-1	6/23/98	Hazy Humid Light S breeze
Water Depth	**Core Type**	**Core to be Composited?**	
~11 ft	Vibracore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
101 cm	63 cm	Northing/Lat. = 1602373.657 Easting/Long. = 735350.190	

Core Section Interval		Visual Description	Grain Size	Comments
TIME				
~~1420~~	0-1	Brown fine SAND		
1425	1-2	Brown fine SAND w/	organic matter	
1430	2-3	SAME		
1435	3-4	SAME		
1440	4-5 CS-DUP-2	SAME		CS-DUP-2
1445	5-23	GRAY BROWN FINE SAND & SILT		
1448	23-46	MEDIUM BROWN SAND, SOME ORGANIC MATTER		
1453	46-63	MEDIUM BROWN SAND, WOOD CHIPS ON BOTTOM		

Sampler Initials: MAR, RMN, STG

WAR

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-09-2	6/23/98 1010	HAZY, S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~9.5'	VIBRA CORE	5-104 (23cm) ☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
113cm	104cm	Northing/Lat. = 1602246.571 Easting/Long. = 735376.190	

Core Section Interval		Visual Description	Grain Size	Comments
1020	0-1	DARK BROWN FINE SAND SMALL AMT ORGANICS		
1025	1-2	SAME		Less water as core progresses deeper ↓
1027	2-3	SAME		
1030	3-4	SAME		
1033	4-5	CS-DUP1		
1035	5-23	GRAY & BROWN FINE SAND		
1040	23-46	GRAY BROWN FINE SAND BECOMING FINE SILT		
1045	46-69	DARK BROWN SILT FINE SAND		
1050	69-92	GRAY-BROWN MEDIUM SAND		
1055	92-104	SAME AS ABOVE		

Sampler Initials: MDL, RMN, SLG

315892

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-09-3	6/23/98 1543 ~~1535~~	HAZY HUMID LIGHT S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
48ft	Vibracore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
93cm	77cm ~~78cm~~ WAM	Northing/Lat. = 160200 5.988 Easting/Long. = 735449.720	

Core Section Interval		Visual Description	Grain Size	Comments
TIME				
1550	0-1	GRAY BROWN FINE SAND		
1555	1-2	SAME		
1558	2-3	SAME		
1602	3-4	SAME		
1604	4-5	BROWN FINE SAND & SILT		
1606	5-23	GRAY-BROWN SILT		
1608	23-46	GRAY-BROWN SILT TURNING TO GRAY-BROWN SAND		
1610	46-69	GRAY-BROWN SILT W/ ORGANIC MATERIAL		46-69 POLY SHEETING MATERIAL PRESENT IRREGULAR SHAPE 2x1.5 IN.
1615	69-77	DUP2 BROWN FINE SAND, PCB odor		

Sampler Initials: MDL, RMN, STG

WAM

315893

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-09-4	6/23/98 1650	HUMID/SUN SLIGHT BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~6 ft	VIBRACORE	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
101cm	73cm	Northing/Lat. = 1601882.683 Easting/Long. = 735476.438	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1702 0-1	BROWN FINE SAND AQUEOUS		DEEPER SAMPLES DRIER THAN PRECEDING ↓
1705 1-2	SAME		
1707 2-3	SAME		
1710 3-4	SAME		
1712 4-5	SILTY FINE SAND GRAY BROWN		
1715 5-23 →	GRAY. BROWN SILT W/ RED WORMS		
1718 23-46	GRAY-BROWN SILT W/ FINE SAND ORGANIC MATTER, ODOR		23-46 W/ Al foil in sample
1722 46-69	SAME W/ SOME PAPER SLUDGE APPEARANCE, YELLOW PIGMENT		
1728 69-73	BROWN SILT TURNING TO BROWN SAND W/ WOOD CHIPS		

Sampler Initials: MDL, RMN, STG

315894

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-09-5	8/13/98 / 9:25	FAIR, 70°
Water Depth	**Core Type**	**Core to be Composited?**	
7.5'	PUSH	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
63 cm	37 cm	Northing/Lat. = 160213G Easting/Long. = 735407	CD = 2.5

Core Section Interval	Visual Description	Grain Size	Comments
cm 1 — 9:35 2 — 9:42 3 — 9:47 4 — 9:50 5 — 9:52 9:58 23 10:05 37	BROWN SILTY FINE SAND SAME AS ABOVE W/ BIVALVE (REMOVED) SAME AS ABOVE BROWN TO BLACK SILT & FINE SAND SAME AS ABOVE, W/ LITTLE CLAY BROWN SILT W/ LITTLE FINE SAND SAME AS ABOVE		

Sampler Initials: RMN, KG, MDL

315895

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED EXTENDED	FS-09-5	8/25/98 1425	HAZY T-STORMS IN DISTANCE
Water Depth	**Core Type**	**Core to be Composited?**	
6.5 ft	PUSH	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
63cm	48cm	Northing/Lat. = 160237 Easting/Long. = 735409	CG = 2.9

Core Section Interval		Visual Description	Grain Size	Comments
0-1	1440	WET FINE BROWN SILT ORGANIC MATTER	TRACE	
1-2	1442	FINE BROWN SILT		
2-3	1444	FINE BROWN SILT W, A FEW WHITE FLECKS		
3-4	1446	BROWN SILT W,	TRACE OF FINE SAND	
4-5	1450	SAME W,	BLACK STREAKING	
5-23	1455	FINE BROWN SILT W, TRACE ORGANIC MATTER,	FINE TO MED. SAND BLACK STREAKING	
23 46	1500	LIGHT BROWN TO MED. SAND & SILT ORGANIC MATTER, BLACK STREAKING & WHITE FLECKS WITH ODOR		
46-48	1505	GRAY BROWN MEDIUM TO COARSE SAND & SILT W,	TRACE ORGANIC MATTER	

Sampler Initials: CAE, KWB, WAL

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-09-21	6/23/98 1105	Hazy, S Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
~9.5 ft	Vibracore	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
110 cm	104 cm	Northing/Lat. = 160224.308 Easting/Long. = 735374.091	

Core Section Interval	Visual Description	Grain Size	Comments
1115 0-23	Gray/ Brown Fine Sand	Fine Sand	photo

Sampler Initials: MDL, RMN, STG

315897

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-09-22	6/23/98 1135	Hazy Humid S Breeze light
Water Depth	**Core Type**	**Core to be Composited?**	
49.5 ft	Vibracore	0-23 ☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
107 cm	99 cm	Northing/Lat. = 1602248.446 Easting/Long. = 735377.144	

Core Section Interval	Visual Description	Grain Size	Comments
1145 0-23cm	Gray Brown Fine Sand		

Sampler Initials: MDL, RMN, STG

315898

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-09-23	6/23/98 1200	Hazy Humid S Breeze light
Water Depth	**Core Type**	**Core to be Composited?**	
~9.5 ft	Vibracore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
99 cm STOPPED CORE, NOT BOTTOM	84 cm	Northing/Lat. = 1602245.204 Easting/Long. = 735377.749	

Core Section Interval	Visual Description	Grain Size	Comments
1210 0-23cm	Gray-Brown Fine Sand PCB odor		photo

Sampler Initials: MDL, RMP, STG

315899

General Electric Company - **Hudson River Project**
1998 Thompson Island Pool Sediment Coring Program

COP

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-09-24	6/23/98 1225	HAZY HUM.D LIGHT S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~9.5 ft	VIBRACORE	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
106cm	85cm	Northing/Lat. = 160224.456 Easting/Long. = 735374.681	

Core Section Interval	Visual Description	Grain Size	Comments
1235 0-23cm	GRAY-BROWN FINE SAND		

Sampler Initials: MDL, RMN, SG

315900

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-14-1	6/25/98	Hazy Humid
Water Depth	**Core Type**	**Core to be Composited?**	
-12 ft	Vibracore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
107cm	91cm	Northing/Lat. = 1595314.521 Easting/Long. = 737726.773 CG-2.1	

Core Section Interval		Visual Description	Grain Size	Comments
Time				
1318	0-1	Brown Fine Sand		
1321	1-2	Same, w, yellow pigment	"	
1323	2-3	Same	"	
1326	3-4	Brown Fine Sand		
1330	4-5	Brown Fine Sand w, yellow pigment, organic matter trace of paper sludge appearance		
1335	5-23	Primarily Gray Silt, Organic Matter, Wood Chips		
1343	23-46	Primarily Wood Chips Trace Gravel, Sand		(photo)
1348	46-69	Brown Medium Sand w, Layers of Fine Wood Chips		(photo)
1352	69-91	Same w, Trace Shell Fragments		(photo)

Sampler Initials: MDL, RMN, SEG

315901

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-14-11	6/25/98	HAZY HUMID

Water Depth	Core Type	Core to be Composited?
7 12 ft	VIBRACORE	☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
111cm	85cm	Northing/Lat. = 159316.207 Easting/Long. = 737735.948

Core Section Interval	Visual Description	Grain Size	Comments
TIME 14/02 0-23	PRIMARILY GRAY SILT W/ BROWN FINE SAND trace wood chips red & yellow pigment strong PCB odor		photo - with yellow pigment

Sampler Initials: MDL, RMN, STG

CLAY

315902

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-14-12	6/25/98	HAZY HUMID

Water Depth	Core Type	Core to be Composited?
~12 ft	VIBRACORE	☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
112 cm	91 cm	Northing/Lat. = 1595316.665 Easting/Long. = 737729.163 CO=2.2

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1415 0-23	PRIMARILY GRAY SILT W/ BROWN FINE SAND TRACE WOOD CHIPS red & yellow pigment PCB odor		

Sampler Initials: MDL, RMN, STB

315903

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-14-13	6/25/98	Hazy Humid
Water Depth	**Core Type**	**Core to be Composited?**	
~12 ft	Vibracore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
105cm	74cm	Northing/Lat. = 1595314.101 Easting/Long. = 737729.942	CO 52.2

Core Section Interval	Visual Description	Grain Size	Comments
Time 1430 0-23	Primarily Gray SILT w/ Brown Fine Sand Trace Wood Chips red & yellow pigment PCB odor		

Sampler Initials: MDL, RMN, STG

315904

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-14-14	6/25/98	HAZY HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
~12 ft	VIBRACORE	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
117cm	77cm	Northing/Lat. = 1595314.670 Easting/Long. = 737726.576 CO=2.2	

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1205 0-23	GRAY BROWN SILTY FINE SAND WOOD CHIPS, YELLOW PIGMENT, SMALL POCKETS SHEEN, PCB ODOR		

Sampler Initials: MDL, RMN, STG

WA7

315905

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-16-1	6/24/98 1135	HAZY HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
~3 ft	VIBRACORE	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
110cm	66cm	Northing/Lat. = 1592549.647 Easting/Long. = 736852.352	CQ: 2.6-4.7

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1150 0-1	FINE BROWN SAND		
1154 1-2			MOISTURE CONTENT DECREASES W/ DEPTH
1156 2-3			
1158 3-4			
1203 4-5 CS-DUP3			CS-DUP3
1204 5-23	GRAY BROWN MEDIUM SAND, W/ WOOD CHIPS & ORGANIC MATTER		DUP-3 photo
~~23-46~~ WATER			
1215 23-46	GRAY-BROWN SAND, DRY W/ WOOD CHIPS		photo
1220 46-66	GRAY CLAY & SAND (SAND TURNING TO CLAY AT BOTTOM OF CORE)		photo

Sampler Initials: MDH, RMN, STG

315906

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COP

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	TS-16-2 0930	6/24/98	HAZY HUMID

Water Depth	Core Type	Core to be Composited?
~46ft	VIBRACORE	☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
107cm	~~61cm~~ 58cm	Northing/Lat. = 159243.3.262 Easting/Long. = 736849.030

Core Section Interval	Visual Description	Grain Size	Comments
0945 0-1	BROWN FINE SAND		
0950 1-2			BECOMING LESS MOIST
0952 2-3			
0955 3-4			
0957 4-5			
1000 5-23	SILT, W, WOODCHIPS		
1005 23-46	GRAY BROWN SILT NUMEROUS WOOD CHIPS		
1010 46-58	GRAY-BROWN SILTY BROWN SAND NUMEROUS WOOD CHIPS DRY		

Sampler Initials: MDL, RMN, STG

WAA

315907

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-16-3	6/24/98 1529	Sun & Clouds Light S Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
~4 ft	Vibrocore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
98cm	60cm	Northing/Lat. = 1592301.693 Easting/Long. = 736893.826	CQ=2.5

Core Section Interval	Visual Description	Grain Size	Comments
Time 1537 0-1	Fine Brown Sand		
1540 1-2	Fine Brown Sand Trace Organics		
1542 1548 2-3	Fine Brown Sand w/ some organics, wood chips		
1545 3-4	Same		
1547 1549 4-5	Same		
1550 5-23	Same, w/ gravel		DUP-4 piece of sheet poly
1625 WAR ~~1556~~ 23-46	Gray Brown Sand w/ wood chips, Dry. Trace organics		
1633 46-60	Dry Brown Fine Sand Trace Wood chips		DUP-5

Cored three times, Recovery Similar each time. Less than expected for this station. WAR

Sampler Initials: MDL, RMN, STG, WAR

315908

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-16-11	6/24/98 1235	HAZY HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
~3fs	V. BRACORE	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
110cm	74cm	Northing/Lat. = 1592551.045 Easting/Long. = 736848.602	00°2.2

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1245 0-23cm	BROWN FINE SAND SOME WOODCHIPS & ORGANIC MATTER		

Sampler Initials: MDL, RMN, STG

WA4

315909

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-16-12	6/24/98 1300	Hazy. Humid
Water Depth	**Core Type**	**Core to be Composited?**	
~3ft	Vibracore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
107cm	53cm	Northing/Lat. = 1592551.531 Easting/Long. = 736851.083	CQ=3,0

Core Section Interval	Visual Description	Grain Size	Comments
Time 1308 0-23	Brown Fine Sand Wood chips, w/ worm		photo

Sampler Initials: MDL, RMN, STG

WAM

315910

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-16-13 ~~15 WAM~~	6/24/98 13:22	HAZY HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
~3ft	VIBRACORE	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
109 cm ~~109cm~~ WAM	77cm WAM ~~103cm~~	Northing/Lat. = 1592630.649 Easting/Long. = 736849.478 CG = 2.6	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1340 0-23 cm	BROWN FINE SAND W, WOOD CHIPS, TRACE OF ORGANICS		
73cm	GRAY CLAY		

Sampler Initials: MOL, RMN, STG

WAM

315911

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

COPY

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-16-14	6/24/98 1353	Hazy Humid
Water Depth	**Core Type**	**Core to be Composited?**	
~3Ft	Vibracore	☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
91cm	68cm	Northing/Lat. = 1592553.621 Easting/Long. = 736847.429	CQ=2.4

Core Section Interval	Visual Description	Grain Size	Comments
~~WAS~~ 1405 0-23cm	Brown Fine Sand w, Trace of Wood Chips		

Sampler Initials: MDL, RMN, STG

315912

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-28-1	8/13/98 / 12:35	FAIR, 75°

Water Depth	Core Type	Core to be Composited?
13.4'	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
~~172~~ 204 cm	27 cm	Northing/Lat. = 1576523 CQ = 3.1 Easting/Long. = 737712

Core Section Interval	Visual Description	Grain Size	Comments
cm 1	14:30 BROWN MED. SAND, WOOD CHIPS, ORG. MATTER		NOTE: POOR RECOVERIES AFTER MULTIPLE ATTEMPTS WOOD CHIP LAYER NEAR SURFACE APPEARS TO FORM PLUG, PREVENTS GOOD RECOVERY DESPITE DEEP PENETRATION
2	14:40 BROWN MED. SAND, MANY WOOD CHIPS		
3	WOOD CHIPS W/SAME 14:45 BROWN MED. SAND		
4	14:48 SAME AS ABOVE, MORE WOOD CHIPS		
5	14:50 WOOD CHIPS, LITTLE SAND		
6	14:54 WOOD CHIPS		
7	14:56 WOOD CHIPS		
8	14:58 WOOD CHIPS		
9	15:00 WOOD CHIPS		
10	15:04 WOOD CHIPS		
11	15:07 WOOD CHIPS		
12	15:09 WOOD CHIPS		
13	15:13 WOOD CHIPS, LITTLE SAND		
14	15:15 WOOD CHIPS W/BROWN MED. SAND		

Sampler Initials: RMN, KB, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-28-1	8/13/98	Fair, 75°

Water Depth	Core Type	Core to be Composited?
13.4'	Push	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
204 cm	27 cm	Northing/Lat. = 1576523 CQ = 3.1 Easting/Long. = 737712

Core Section Interval	Visual Description	Grain Size	Comments
14			
15 — 15:18	BROWN MED. SAND, SOME WOOD CHIPS + ORG. MATTER		
15:22	SAME AS ABOVE		
16 — 15:25	SAME AS ABOVE		
17 — 15:28	SAME AS ABOVE		
18 — 15:30	SAME AS ABOVE		
19 — 15:33	SAME AS ABOVE		
20 — 15:38	SAME AS ABOVE		
21 — 15:40	SAME AS ABOVE		
22 — 15:42	SAME AS ABOVE		
23 — 15.45	SAME AS ABOVE		
24 — 15:47	BROWN MED. SAND		
25 — 15:49	BROWN MED. SAND W/ WOOD CHIPS		
26 — 15:51	WOOD CHIPS W/SOME SAND		
27 END OF CORE			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

1 of 9

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Extended Focused	FS-28-2	6/20/98 10:00	Sunny 65°F
Water Depth	**Core Type**	**Core to be Composited?**	
6.5'	Vibracore	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
145cm	110cm	Northing/Lat. = 1576181.5 Easting/Long. = 738059.3	CR = 2.1

Core Section Interval	Visual Description	Grain Size	Comments
1	1035 Fine brown silt w/ org. mat. & wood chips - aqueous		
2	1038 Fine brown sandy silt w/ org. mat. aqueous		
3	1041 same as above less aqueous		
4	1044 Brown silty sand w/ org. mat.		
5	1047 Brown sand & silt w/ org. mat.		
6	1049 Brown sandy silt w/ org. mat. w/ white flecks		
7	1051 Same as above		
8	1053 same as above		
9	1056 same as above - no white flecks		
10	1059 same as above		
11	1102 same as above		
12	1106 same as above w/ white flecks & plastic wrap		

Sampler Initials: ICWS, WA, SG

315915

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	~~FS~~ FS-28-2	8/20/98 10:00	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
13	1115 same as above - no plastic wrap		
	1118 same as above w/ red pigment		
14	Brown silt w/ org. mat.		odor
	1119		
15	same as above		odor
	1121		
16	same as above w/ red + yellow pigment		
	1125		
17	same as above - no pigments		
	1130		
18	same as above		
	1132		
19	Brown sandy silt ~~w/~~ LWS		odor
	1135		
20	Brown sandy silt w/ plastic wrap		odor
	1138		
21	Brown sandy silt w/ org. mat.		odor
	1140		
22	same as above w/ red pigment		
	1143		
23	same as above w/ plastic wrap		odor
	1146		
24			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-2	8/20/98 10:00	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
25 – 1147	Brown sandy silt w/ org. mat.		Blind Dup G odor
1147 – 1151	same as above w/ yellow pigment		
26 – 1151	~~Gray Brown sandy silt w/ little org. mat~~ Dark Brown sandy silt		odor
1151 – 1154	same as above		
27 – 1154	Gray Brown sandy silt w/ little org. mat.		odor
1154 – 1156			
28 – 1156	G.B. silt w/ org. mat.		odor
1156 – 1158			
29 – 1158	same as above		odor
1158 – 1201			
30 – 1201	same as above		odor
1201 – 1248			
31 – 1248	same as above w/ yellow pigment		
1248 – 1250			
32 – 1250	G.B. silt w/ org. mat.		slight odor
1250 – 1252			
33 – 1252	same as above		slight odor
1252 – 1254			
34 – 1254	G.B. silt		slight odor
1254 – 1255			
35 – 1255	G.B. silt w/ org. mat.		
1255 – 1257			
36 – 1257			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-2	8/20/98 10.00	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
1300	G.B sandy silt w/ org. mat.		
37	same as above		slight odor
1305			
38	same as above w/ yellow pigment		
1304			
39	same as above w/ wood chips		
1306			
40	same as above		
1308			
41	same as above		odor
1310			
42	G.B. sandy silt w/ org. mat.		slight odor
1312			
43	same as above w/ yellow pigment		
1318			
44	G.B. sandy silt w/ org. mat.		
1321			
45	G.B. silt w/ org. mat.		
1324			
46	same as above		
1326			
47	same as above		
1328			
48			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-2	8/20/98 10:00	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
49	1332 same as above		
50	1334 G.B. silt w/ org. mat.		
51	1336 same as above		
52	1338 same as above w/ yellow-red pigment		
53	1340 same as above - no yellow pigment		
54	1342 G.B. sandy silt w/ org. mat.		slight odor
55	1344 same as above w/ red pigment		
56	1347 G.B. sandy silt w/ org. mat.		
57	1349 same as above		
58	1352 same as above		
59	1354 G.B. silt w/ org. mat.		
60	1356 same as above w/ wood chips		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-2	8/20/98 10:00	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
61 — 1358	G.B. silt w/ org mat. + wood chips + red pigment		odor
62 — 1400	G.B. silt w/ wood chips		odor
63 — 1402	Wood chips w/ G.B. silt		oder
64 — 1404	G.B silt w/ wood chips	~~G-S-Sl-H~~	
65 — 1406	same as above		
66 — 1408	same as above		
67 — 1410	G.B. silt w/ org. mat.		
68 — 1411	same as above		
69 — 1413	G.B. sandy silt w/ org. mat.		
70 — 1414	~~G-S-Sl-H~~ sand same as above		
71 — 1416	same as above		
72 — 1417	same as above w/ red pigment		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-2	8/20/98 10:00	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
73	1420 same as above G.B. silt w/org. mat.		
74	1422		
75	1424 same as above		
76	1430 same as above w/ red pigment		
77	1432 same as above		
78	1433 same as above w/ no red pigment		
79	1434 same as above		
80	1435 Same as above		
81	1437 Brown silt w/ org. mat. w/ yellow pigment		
82	1439 same as above - no yellow pigment		
83	1440 same as above		
84	1442 same as above		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-2	8/20/98 10:00	
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. =	
		Easting/Long. =	

Core Section Interval	Visual Description	Grain Size	Comments
85 / 1445	same as above		
86 / 1448	same as above		
87 / 1450	same as above		
88 / 1452	same as above		
89 / 1454	same as above		
90 / 1456	same as above		
91 / 1458	same as above		
92 / 1500	same as above		
73 / 1502	same as above		
94 / 1503	same as above		
95 / 1504	same as above		
96 / 1506	same as above		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-2	8/20/98 10:00	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
97 – 1508	same as above		
1510	same as above		
98 –	same as above		
1511			
99 –	same as above		Bind Dup H
1513			
100 –	same as above		
1516			
101 –	same as above		
1518			
102 –	same as above		
1520			
103 –	same as above w/ sand.		
1522			
104 –	same as above		
1524			
105 –	same as above		
1526		end of core	
106			
107			
108			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-28-3	8/13/98 / 10:20	FAIR, 75°

Water Depth	Core Type	Core to be Composited?
2.0'	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
169 cm	~~79~~ cm RMN 70	Northing/Lat. = 1575725 CQ = 2.2 Easting/Long. = 738148

Core Section Interval (cm)	Time	Visual Description	Grain Size	Comments
0 — 1	1721	wood chips, organic matter		NOTE: Performed ≥ 4 attempts, after poor recovery kept the largest sample volume aquired. Core appears to form a plug w/in tube and prevent good recovery
2	1725	Brown silt, wood chips		
3	1729	Brown silt, organic matter		
4	1732	wood chips, small amount brown silt		
5	1736	Same above		
6	1740	wood chips, silt, organic matter		
7	1741	same above		
8	1742	Same above		
9	1743	Brown silt, wood chips, red pigment		
10	1745	Brown silt, organic matter		
11	1749	same above w/ wood chips		

Sampler Initials: RMN, KB, MDL

315924

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-28-3	8/13/98	Fair, 75°
Water Depth	**Core Type**	**Core to be Composited?**	
2.0'	Push	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
169 cm	≈ 70 cm	Northing/Lat. = 1575725 Easting/Long. = 738198	CQ=2.2

Core Section Interval (cm)	Time	Visual Description	Grain Size	Comments
12	1750	same above		
13	1756	organic matter, brown silt		
14	1758	same above		
15	1804	Brown silt, wood chips, organic matter		BS = Brown silt
16	1811	organic matter, brown silt		OM = Organic matter
17	1812	brown silt, organic matter, wood chips		WC = wood chips
18	1814	same above		
19	1815	BS/OM		
20	1816	same above		
21	1819	BS, WC, OM		
22	1820	same above		
23	1823	same above		
24	1824	BS, OM, WC		
25	1826	same above		

Sampler Initials:

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-3	8/14/98	Partly Sunny 70's

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval (cm)	8/14/98	Time	Visual Description	Grain Size	Comments
26	—	0757	BS, om		
27	—	0800	BS, om, wc		
28	—	0802	BS, wc, Black om		
29	—	0803	Same above		
30	—	0804	Same above		
31	—	0806	Same above		
32	—	0807	wc predominant w/ BS		
33	—	0809	same above		
34	—	0810	Same above		
35	—	0812	Same above		
36	—	0817	wc, BS, red pigment		
37	—	0823	BS, wc, yellow pigment		
38	—	0825	BS, wc, yellow pigment		
39	—	0826	same above		
40	—	0830	BS, wc		→ Blind Dup A-CS → A-PCB
41	—	0848	Same above		
42	—	0849	same above		
43	—	0850	BS, wc, yellow pigment		
44	—	0851	Brown + Black silt, om, yellow pigment		
45	—	0853	gray silt, om		

Sampler Initials:

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-3	8/14/98	Partly Sunny 70's
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. =	
		Easting/Long. =	

Core Section Interval (cm)	Time	Visual Description	Grain Size	Comments
46	0856	gray silt, om, yellow pigment		
47	0858	gray brown silt, om yellow pigment		
48	0859	same above		
49	0900	same above		
50	0902	same above		
51	0904	WC, GBS, yellow + Red pigment		GBS = gray brown silt
52	0906	GBS, om, yellow pigment		
53	0908	BS, om		
54	0909	same above		
55	0911	GBS, yellow pigment		
56	0914	GBS, red pigment		
57	0916	GBS, yellow pigment		
58	0918	GBS, yellow pigment		
59	0919	GBS		
60	0921	GBS		
61	0924	GBS		
62	0926	GBS		
63	0927	GBS		
64	0929	GBS, red pigment, om		
65	0931	Same above		
66	0932	GBS, plastic, red pigment		

Sampler Initials:

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-3	8/14/98	Partly Sunny 70's

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
cm / Time			
67 — 0935	GBS		
68 — 0936	GBS, plastic		
69 — 0938	GBS, we, plastic bag		→ Vitamin bag
70 — 0939	GBS, milk label Fine sand, om		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused Extended	FS-28-4	8/24/98 1630	75° FAIR
Water Depth	**Core Type**	**Core to be Composited?**	
~2.0 ft	VIBRACORE	☐ Yes ☒ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
155cm	140cm	Northing/Lat. = 1575265.5 Easting/Long. = 738115.9	Ca = 2.3

Core Section Interval	Visual Description	Grain Size	Comments
8/4/98 0735	Brown aqueous fine silt w/ org. mat.		
1			
0736	same as above		
2			
0737	Brown sandy silt w/ org. mat.		
3			
0740	same as above		
4			
0742	same as above		
5			
0745	Brown sandy silt w/ org. mat. & plastic		
6			
0747	same as above - no plastic		
7			
0749	same as above		
8			
0751	same as above		
9			
0754	Brown silty sand w/ org. mat.		
10			
0757	same as above		
11			
0300	same as above		
12			

Sampler Initials: KW S, WA, SG

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 1630	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
0802	same as above		
13 0804	same as above w/ white flecks		
14 0806	same as above		Blind Dup I
15 0809	same as above		odor
16 0810	same as above w/ wood chips		odor
17 0811	same as above		odor
18 0813	same as above-w wood chips		odor
19 0817	same as above w/ wood chips		odor
20 0820	same as above-no wood chips		slight odor
21 0822	same as above		
22 0824	same as above		
23 0826	same as above		
24			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. =
		Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
25	0828 same as above w/ wood chips & yellow pigment		
	0847 Brown sand & silt w/ org. mat. & yellow pigment		odor
26	0849 Brown sandy silt w/ org. mat. & yellow pigment		odor
27	0857 same as above w/ yellow pigment - no red		odor
28	0853 same as above - no pigment		slight odor
29	0855 same as above w/ white flecks		odor
30	0857 same as above w/ wood chips		slight odor
31	0900 same as above		
32	0902 same as above - more wood chips		slight odor
33	0904 Brown sandy silt w/ org. mat.		slight odor
34	0906 Brown sandy silt w/ wood chips		
35	0908 Wood chips w/ silty sand (brown)		
36			

Sampler Initials:

315931

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
37	0910 Brown sandy silt w/ org. mat.		
38	0913 same as above		
39	0915 same as above		
40	0917 Brown silt w/ org. mat.		Blind Dup J
41	0920 same as above		
42	0922 same as above		
43	0924 same as above w/ Blue pigment		
44	0926 same as above - no blue pigment		
45	0930 same as above - w/		
46	0932 Brown sandy silt w/ little org. mat. & yellow pigment		photo to 15' from Nikon
47	0934 Brown sandy silt w/ little org. mat.		
48	0936 same as above w/ yellow pigment		

Sampler Initials:

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
49	0938 Brown sandy silt w/ org. mat.		
	0940 Brown silty sand w/ org. mat. & wood chips & red pigment		odor
50	0943 ~~Brown silt~~ Rwa same as above w/ yellow pigment.		
51	0945 Brown sandy silt w/ org. mat. w/ wood chips; & red pigment		odor
52	0947 Brown sandy silt w/ org. mat. w/ red & yellow pigment		
53	0949 same as above - no pigment		
54	0951 Brown sandy silt		slight odor
55	0958 same as above		odor
56	1001 same as above w/ white flecks		odor
57	1004 same as above		
58	1006 Brown sandy silt w/ wood chips & org mat. & red pigment		
59	1008 same as above		
60			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
61	1010 same as above		
	1012 org. mat w/ sandy silt		
62	1014 Brown silty sand w/ org. ~~mat~~ mat. w/ red pigment		odor
63	1016 same as above - no pigment		odor
64	1018 Brown sandy silt w/ org mat.; white flecks; wood chips; red pigment		
65	1025 same as above - no pigment		
66	1027 same as above		
67	1029 wood chips & org. mat. w/ sandy silt & red pigment		
68	1031 same as above - no red pigment - w/ yellow pigment		
69	1033 same as above - no pigment		
70	1034 Brown silty sand w/ org. mat. & wood chips		
71	1036 same as above		
72			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. =	
		Easting/Long. =	

Core Section Interval	Visual Description	Grain Size	Comments
	same as above		
73	1036 same as above w/ red pigment		
74	1039 Brown silty sand w/ org mat. + wood chips		
75	1040 same as above		
76	1043 same as above w/ red pigment		
77	1045 same as above — no red pigment — w/ yellow pigment		
78	1047 same as above — no pigment		
79	1049 same as above		
80	1051 same as above		
81	1054 same as above		
82	1107 same as above w/ red pigment		
83	1109 same as above — no pigment		
84	1111		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
85	Brown sandy silt w/ org. mat. & wood chips		
1113	same as above w/ red & yellow pigment		
1115			
86	same as above		
1118			
87	same as above		
1122			
1120			
88	~~Brown sandy~~ RUB		
1123	same as above		
1122			
89	same as above		
1124			
1123			
90	Brown silt w/ org mat.		
1125			
91	same as above		
1126			
92	same as above		
1127			
93	same as above		
1129			
94	Brown silt	———	odor
1129			
95	Brown silt w/ org mat.		
1131			
96			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
97	1132 Brown silt w/ wood chips		
98	1134 Brown sandy silt w/ wood chips & white flecks		
99	1136 Brown sand & silt w/ org. mat.		
100	1138 Brown silty sand w/ org. mat.		
101	1140 same as above		
102	1142 Brown sandy silt w/ org. mat. & red pigment		
103	1144 same as above - no pigment		
104	1145 same as above w/ red pigment		
105	1146 same as above		
106	1148 Brown silty sand w/ org. mat & wood chips		
107	1151 same as above		
108	1153 same as above		

Sampler Initials:

315937

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
109	1155 Brown silty sand w/ org. mat.		
110	1157 Brown fine - med. sand w/ org. mat.		
111	1240 same as above		
112	1242 Brown fine - med sand w/ org. mat. ~~of wood chips~~		
113	1244 Brown fine - med sand w/ wood chips		
114	1246 Brown fine - med sand w/ silt + wood chips		
115	1248 Brown silty sand w/ org mat.		
116	1252 ~~1300~~ Brown sand w/ silt + org. mat.		
117	1253 ~~1300~~ same as above		
118	1254 ~~1253~~ Brown Fine sand w/ wood chips		
119	1257 same as above		
120	1259 Brown fine sand w/ org mat.		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-28-4	8/20/98 16:30	
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. =	
		Easting/Long. =	

Core Section Interval	Visual Description	Grain Size	Comments
121 / 1301	same as above		
121 / 1303	Same as above		
122 / 1305	same as above		
123 / 1306	same as above		
124 / 1315	same as above		
125 / 1317	same as above		
126 / 1320	same as above		
127 / 1321	same as above w/ silt	end of core	
128 / 1323			
129 / 1325			
130	1 cm/s		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

107

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-37-1	8/19/98 / 10:56	sunny 65°F

Water Depth	Core Type	Core to be Composited?
9.6'	Vibracore	☐ Yes ☒ No

Penetration Depth	Length Recovered	GPS Coordinates
101 cm	83 cm	Northing/Lat. = 1489320 CQ = 2.0 Easting/Long. = 713365

Core Section Interval		Visual Description	Grain Size	Comments
1	1115	Brown silt w/ fine sand; aqueous; org. mat.		
	1117	Brown silt w/ fine-med sand + org. mat.; aqueous		
2	1120	same as above w/ pea size gravel		
3	1123	same as above		
4	1126	Brown med sand w/ silt; pea size gravel; org. mat.		
5	1128	same as above		
6	1130	Brown sandy silt w/ org. mat.		
7	1138	same as above		
8	1140	same as above		
9	1141	Brown silty sand w/ org. mat.		
10	1145	same as above		
11	1147	same as above w/ pea size gravel		
12				

Sampler Initials: KWB, ML, SG

315940

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-1	8/19/98/10:56	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
13	1148 same as above w/ white flecks		
	1149 same as above – no white flecks		
14	Brown fine - med. sand & org. mat.		Blind Dup F
	1150		
15	1152 same as above w/ wh.te flecks		
16	1154 same as above		
17	Brown fine - med silty sand w/ org. mat.		
	1156		
18	same as above w/ wood chips, coal chunk		
	1158		
19	brown med. to coarse sand w/ org. mat.		
	1200		
20	1222 same as above		
21	Brown fine - med. sand w/ org. mat. & wood chips		
	1224		
22	Brown silty sand w/ org. mat. & wood chips		
	1226		
23	Brown sandy silt w/ org. mat.; white flecks & wood chips		
	1228		
24			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

3 of 7

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-1	8/14/98 / 10:56	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
25	1229 Brown sandy silt w/ org. mat. + red plastic		
26	1231 same as above - no plastic		
27	1233 same as above		
28	1235 Brown silty med-coarse sand w/ org. mat.		
29	1237 Brown fine-coarse sand w/ org. mat. + white filaments		
30	1239 Brown sand w/ pea size gravel + wood chips		
31	1240 Brown med.-coarse sand w/ org. mat.		
32	1241 same as above w/ pea size gravel		
33	1243 same as above w/ silt		
34	1245 same as above		
35	1247 Brown sandy silt w/ org. mat. + yellow pigment		
36	1248 Brown silt w/ coarse sand + org. mat.		

Sampler Initials:

315942

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-1	8/19/98 / 10:56	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
37	1250 same as above Brown sandy silt w/ org. mat.		
38	1251 same as above		
39	1253 Brown silt w/sand & org. mat.		
40	1255 Brown silt w/org. mat.		
41	1256 same as above w/ wood chips		
42	1258 same as above		
43	1300 same as above		
44	1301 same as above more wood		
45	1303 brown silt w/org. mat. & red pigment		
46	1305 same as above no red pigment		
47	1306 same as above		
48	1308		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-1	8/19/98 / 10:56	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
49 50 51 52 53 54 55 56 57 58 59 60	1309 same as above w/ sand 1310 Brown sandy silt w/ org. mat. 1312 Brown silt w/ org. mat. 1314 same as above w/ white flecks 1315 same as above 1316 same as above 1317 Brown sandy silt w/ org. mat. 1318 same as above w/ yellow pigment 1320 Brown sandy silt w/ org. mat; shale frags. red pigment 1322 Brown sandy silt w/ red pigment & white flecks 1324 same as above 1325 Brown silt w/ org. mat. & red pigment		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-1	8/19/98/10:56	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
61	1327 Brown silty sand		
62	1329 same as above		
63	1331 Brown silty sand		
64	1333 Brown fine-med sand w/ org. mat.		
65	1335 Brown fine silty sand w/ org mat.		
66	1336 same as above		
67	1337 same as above		
68	1339 Brown coarse sand w/ org. mat.		
69	1341 same as above		
70	1343 Brown coarse sand		
71	1345 Brown coarse sand w/ shale ~~frag~~ frags + gravel		
72	1347 same as above		

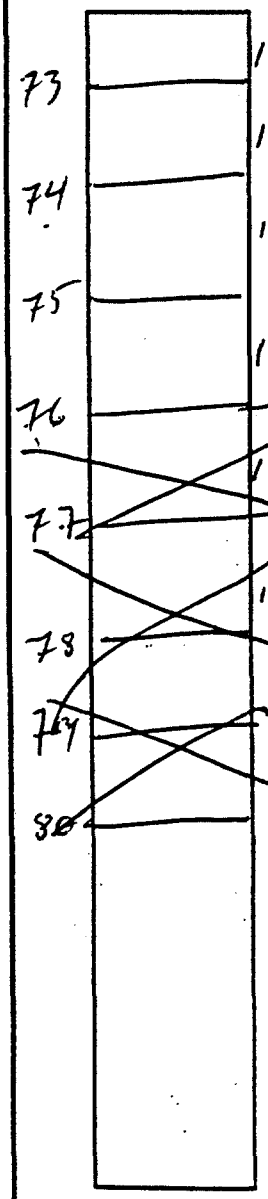
Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-1	8/19/98/10:56	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
	1348 Brown coarse sand w/ org. mat. 1350 Brown med-coarse sand w/ org. mat. 1352 same as above 1354 same as above yellow pigment 1356 ICWB	end of core	

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-37-2	8/17/98 / 14:30	HAZY, 85°F
Water Depth	**Core Type**	**Core to be Composited?**	
9.8'	V:BRADORE	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
116 cm	(MDL) ~~94~~ 92 cm	Northing/Lat. = 1488387 Easting/Long. = 712159	CR = 2.9

Core Section Interval	Visual Description	Grain Size	Comments
cm 1	14:55 AQUEOUS FINE BR. SAND W/ORG. MATTER		
2	14:58 SAME AS ABOVE, LESS AQUEOUS		
3	15:03 GRAY/BROWN FINE SAND W/ORG. MATTER		
4	15:08 SAME AS ABOVE		
5	15:12 GRAY/BROWN SILTY FINE SAND		
6	15:14 GRAY/BR. SILT, FINE SAND, WOOD CHIPS		
7	15:16 SAME AS ABOVE		
8	15:19 GR/BR SILTY MED. SAND W/ SHALE FRAGS.		
9	15:21 SAME AS ABOVE, SOME GRAVEL		
10	15:23 SAME AS ABOVE		
11	15:26 GRAY/BR SILT		
12	(MDL) 15:28 SAME AS ABOVE		

Sampler Initials: KB, SG, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-2	8/17/98 / 14:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
13 — 15:30	GR/BR SILTY SAND		
14 — 15:33	GR/BR SILT w/ ORG. MATTER		
15 — 15:35	SAME AS ABOVE		
16 — 15:39	SAME AS ABOVE		
17 — 15:41	SAME AS ABOVE		
18 — 15:53	GR/BR SILT, LITTLE ORG. MATTER		
19 — 15:55	SAME AS ABOVE		
20 — 15:57	SAME AS ABOVE		
21 — 16:00	GR/BR SILT, "HAIR"		
22 — 16:02	SAME AS ABOVE, w/ PLASTIC SHEET		
23 — 16:05 ~~16:00~~	GR/BR SILT, "HAIR"		
24 — 16:06 ~~16:02~~	same as above		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-2	8/17/98/14:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
24			
25	16:12 GR/BR SILT, WHITE FLECKS, SHALE FRAG..		
	16:15 SAME AS ABOVE		
26			
27	16:19 GR/BR SILT, YELLOW & RED PIGMENT, ORG. MATTER		
	16:20 SAME AS ABOVE W/ PLASTIC		
28			
29	16:25 GR/BR SILT W/PIGMENT, ORG. MATTER		
	16:28 GR./BR. SILT, ORG. MATTER WHITE FLECKS		
30			
31	16:33 SAME AS ABOVE		
	16:35 SAME AS ABOVE		
32			
33	16:37 SAME AS ABOVE		
	16:38 SAME AS ABOVE		
34			
35	16:40 SAME AS ABOVE		
	16:42 SAME AS ABOVE		
36			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-2	8/17/98 / 14:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
cm 37 38 39 40 41 42 43 44 45 46 47 48	16:45 GR/BR SILT ORG. MATTER WHITE FLECKS, WOOD CHIPS 16:48 SAME AS ABOVE 16:50 SAME AS ABOVE 16:55 SAME AS ABOVE 17:04 SAME AS ABOVE 17:06 GR/BR SILT W/ORG. MATTER 17:08 SAME AS ABOVE W/ WHITE FLECKS 17:09 SAME AS ABOVE 17:12 GR/BR SILT, WHITE FLECKS, WOOD CHIPS, LITTLE FINE SAND 17:14 G/B SILT W/WOOD CHIPS 17:16 SAME AS ABOVE, SHEEN, SHALE FRAGS. 17:18 SAME AS ABOVE		BLIND DUP. "B" TAKEN HERE

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-2	8/17/98 / 14:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

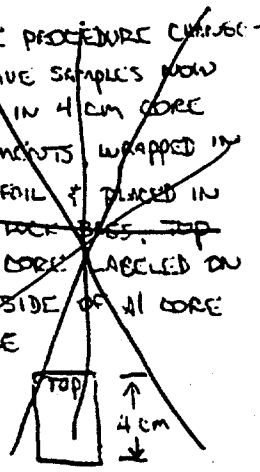
Core Section Interval	Visual Description	Grain Size	Comments
49	17:20 SAME AS ABOVE		
50	17:22 SAME AS ABOVE		
51	17:26 SAME AS ABOVE		
52	17:28 SAME AS ABOVE		
53	17:30 SAME AS ABOVE W/ SHEEN, MORE W. CHIPS		
54	17:33 WOOD CHIPS, SHEEN, LITTLE SAND		
55	17:35 WOOD CHIPS, LITTLE SAND		
56	17:38 SAME AS ABOVE		
57	17:40 WOOD CHIPS, LITTLE SAND & SILT, WHITE FLECKS		
58	17:42 SAME AS ABOVE		
59	17:44 G/B SILT W/ WOOD CHIPS & WHITE FLECKS		
60	17:46 G/B SILT, DRIER, ORG. MATTER		

Sampler Initials:

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-2	8/17/98/14:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
Cm 61 62 63 64 65 66 67 68 69 70 71 72	17:50 WOOD CHIPS, G/B SILT, WHITE FLECKS, "HAIR" 17:53 SAME AS ABOVE, MORE SILT 17:55 GRAY SILT W/ORG. MATTER 17:57 SAME AS ABOVE 18:00 SAME AS ABOVE, W/ WOOD CHIPS + WHITE FLECKS 8/18/98 0818 ~~(ARCHIVE)~~ GB silt, org. mat.; white flecks; small stones 0821 same as above 0824 same as above; less silt - more org. mat. 0825 same as above 0827 GB silt w/ org. mat. white flecks; 0829 Same as above 0832 org. matter; some GB silt; bark		NOTE PROCEDURE CHANGE ARCHIVE SAMPLES NOW KEPT IN 4 cm CORE SEGMENTS WRAPPED IN Al FOIL & PLACED IN ~~ZIPLOCK BAGS. TOP~~ OF CORE LABELED ON ~~OUTSIDE~~ OF Al CORE TUBE 

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-2	8/17/98/14:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
73	0835 Silt w/org. matter; white flecks		
74	0837 same as above		
75	0840 same as above w/ wood chips		Blind Dup C
76	0845 same as above; less org. mat.		
77	0847 same as above		
78	0851 G.B. sandy silt; white flecks; org. mat.		
79	0853 same as above		
80	0855 GB. silt; some fine sand; white flecks; trace org. mat.		
81	0858 G.B. silt; some fine sand; white flecks; some org. mat.; some twigs		
82	0900 same as above.		
83	0903 same as above; no white flecks; pea size stones		
84	0906 G.B. silt; some sand; org. mat.		
	end of core		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

p. 1 of 4

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Focused	FS-37-3	8/18/98	cloudy 70°F
Water Depth	**Core Type**	**Core to be Composited?**	
8.6'	Vibracore	☐ Yes ☒ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
70 cm	50 cm	Northing/Lat. = 1488106 CQ 2.4 Easting/Long. = 712453	

Core Section Interval	Visual Description	Grain Size	Comments
cm 0 — 1700	Brown aqueous silty fine sand		
1 — 1702	same as above, less aqueous, some org. mat.		
2 — 1703	same as above		
3 — 1704	dark gray sand w/ silt & org. mat		
4 — 1705	~~Lt. B. silty~~ Lt. B. sandy silt w/ org. mat.		
5 — 1709	same as above w/ water chestnut pods & white flecks		
6 — 1711	Lt. B. sandy silt w/ org. mat. & chestnut pods		
7 — 1713	same as above w/ white flecks		
8 — 1715	same as above, no chestnuts		
9 — 1717	same as above		
10 — 8/19/98 0806	coarse brown sand w/ org. mat & white flecks		
11 — 0808	same as above - no white flecks		
12			

Sampler Initials: KWB, ML, SG

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

p.2 of 4

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-3	8/18/98	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
0810	same as above		
13			
0812	same as above		
14			
0814	coarse brown sand w/ some gravel + some org. mat.		
15			
0816	same as above w/ brown silt		
16			
0818	same as above		
17			
0819	Brown sandy silt w/ large wood chip		
18			
0820	same as above		
19			
0821	coarse brown sand + silt w/ wood chips		
20			
0823	Brown silty coarse sand w/ org. mat. + wood chips		
21			
0826	Coarse brown sand w/ silt w/ org. mat. + wood chips + occ. lot slag.		
22			
0830	Brown med. sand w/ pea size gravel + org. mat.		
23			
0832	Brown med sand w/ some silt; pea size gravel + org. mat.		
24			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-3	8/18/98	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
25 — 0834	brown sandy silt w/ org. mat.		Blind Dup E
26 — 0840	same as above w/ white flecks		
27 — 0842	same as above - no white flecks		
28 — 0845	same as above		
29 — 0847	same as above w/ white flecks		
30 — 0848	same as above - no white flecks		
31 — 0849	same as above w/ white flecks		
32 — 0851	same as above		
33 — 0853	Brown silt w/ ~~med.~~ sand & org. mat.		
34 — 0855	Med. brown ~~sand~~ silt w/ sand & org. mat.		
35 — 0857	Med. brown sand w/ silt & org. mat.		
36 — 0900	same as above		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-3	8/13/98	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
37	0902 same as above w/ yellow pigment		
38	0904 Same as above - no yellow pigment		
39	0905 same as above		
40	0907 same as above		
41	0909 Brown sandy silt w/ organic mat.		
42	0911 same as above		
43	0913 same as above		
44	0916 same as above		
45	0917 same as above		
46	0918 same as above ~~of stone + twigs~~ fnd		
47	0920 same as above w/ stone + twigs		
48	0922 brown med. sand w/ silt + wood chips		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FOCUSED	FS-37-4	8/18/98/1054	Sunny 75° F
Water Depth	**Core Type**	**Core to be Composited?**	
19.2'	Vibracore	☐ Yes ☒ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
119 cm	110 cm	Northing/Lat. = 1487512 CQ = 1A Easting/Long. = 711948	

Core Section Interval	Visual Description	Grain Size	Comments
cm 1103 1 1104 2 1106 3 1108 4 1110 5 1113 6 1115 7 1120 8 1125 9 1127 10 1135 11 1137 12	G.B silty fine sand w/ org. mat. same as above same as above w/ white flecks + yellow pigment same as above same as above w/ water chestnut seedpods G.B. sandy silt w/ org. matter; white flecks same as above w/ some shale fragments same as above w/ large wood chip wood chips w/ G.B. silty sand; with white flecks large wood chip w/ G.B. silty sand same as above w/ white flecks same as above w/ red pigment		

Sampler Initials: KWB, ML, SG

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-4	8/18/98 / 10:54	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
cm 13 14 15 16 17 18 19 20 21 22 23 24	1140 G.B. silt & sand w/ org. matter; white flecks. 1141 CnD ~~Silt~~ - same as above 1144 same as above w/ wood chips 1148 G.B. silt w/ trace sand w/ white flecks 1150 G.B. silt w/ trace sand; "hair"; w/ white flecks 1152 same as above 1154 wood chip w/ G.B. silt trace sand; "hair" w/ white flecks 1156 same as above – no wood chip. 1200 G.B. silt w/ org. mat. w/ white flecks 1204 same as Above - no white flecks 1202 same as above 1206 same as above	→	odor

Sampler Initials:

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-4	8/18/98 /10:54	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. =
		Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
25	1238 G.B. silt w/ org mat. w/ red pigment.		
	1240 G.B. silt w/ trace sand w/ org. mat. + red pigment		
26	G.B. silt w trace sand;		
	1242 wood chips, red + yellow pigments; styrofoam		
27	G. B. silt w/ trace sand		
	1245		
28	G.B silt w/ org mater;		
	1247 white flecks; trace sand		
29	same as above w/		
	1249 yellow pigments		
30	G. B. silt w/ org. mat.		
	1323 white flecks, red pigment		
31	G. B. silt w/ org. mat.		
	1325 trace fine sand; white flecks		
32	G. B. sandy silt w/ org.		odor
	1327 mat.; white flecks		
33	Same as above		
	1329		
34	G.B. silt w/ trace sand,		
	1330 wood chips; white flecks		
35	G.B silt w/ some sand,		
	1332 w/ yellow red pigment; some		
36	org. mat., Blue stone		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-4	8/18/98/10:54	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
37	1334 G.B. silty sand; trace org. mat.; white flecks ~~[illegible]~~ clay		
38	1336 same as above		
39	1340 G.B silt ~~w/ trace~~ sand w/ org. mat. w/ white flecks		
40	1342 G.B. silt w/ some sand, w/ some org. mat.,		
41	1348 G.B silt w/ some org. mat. & sand & "hair"		
42	1350 G.B. silt w/ org. mat., "hair" & white flecks		
43	1353 G.B. sandy silt w/ "hair" & white flecks		
44	1355 same as above		
45	1358 G.B. sand & silt w/ org. mat.; white flecks; yellow pigment		
46	1400 same as above		
47	1404 G.B silt & sand w/ org. mat; white flecks		
48	1407 G.B. sand w/ some silt, trace org; white flecks		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-4	8/18/98 / 10:54	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
1408	same as above		
49	1409 Fine sand trace silt & org. mat.; white flecks		
50	1411 Fine sand; white flecks		
51	1415 same as above w/ org. mat.		
52	1417 same as above		
53	1420 same as above		
54	1422 G.B. fine sand w/ wood chips + white flecks		
55	1426 G.B. sand w/ some silt; org. mat.; white flecks		
56	1428 same as above - more org. mat.		
57	1430 G.B. sand w/ org. mat.; trace silt		
58	1432 G.B. Sandy silt w/ org mat.		
59	1434 G.B. ~~silty~~ sandy silt w/ org. mat. & white flecks		Blind Dup D
60			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-4	8/18/98/1025	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
61	1438 G.B. sandy silt w/org. mat.; red pigment; white flecks		
62	1442 same as above - no red pigment		
63	1443 G.B. silt w/org. mat.; white flecks		
64	1444 same as above		
65	1445 G.B. silt w/ "hair" + org. mat.		
66	1447 G.B. silt w/ white flecks + org. mat.		
67	1450 G.B. sandy silt w/ org. mat.		
68	1452 same as above		
69	1453 same as above		
70	1455 G.B. silt w/ org. mat.		
71	1457 same as above		
72	1500 same as above		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program 1.7 of 9

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-4	8/18/98/10:54	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
73 — 1503	same as above		
74 — 1504	same as above		
75 — 1506	same as above		
76 — 1508	same as above		
77 — 1510	G.B. silt w/ trace sand; some org. mat.		
78 — 1512	same as above		
79 — 1513	same as above		
80 — 1515	G.B. silty sand w/ wood chips; red+yellow pigment		
81 — 1517	G.B. silty sand w/ small wood chips		
82 — 1520	same as above		
83 — 1522	same as above		
84 — 1524	G.B. silty sand w/ fine wood chips		

Sampler Initials:

315964

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-4	8/18/98 / 10:54	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
85	1526 G.B. coarse sand w/ wood chips, red pigment		
86	1528 G.B. med. sand w/ silt wood chips, shale frags red pigment		
87	1530 same as above		
88	1532 Fine to coarse sand; gravel; silt		
89	1534 med. to coarse G.B. sand; gravel; red pigment		
90	1536 med. to coarse G.B sand		
91	1538 G.B. sand as: lt w/ org. mat.		
92	1540 G.B. silt w/ sand w/ wood chips		
93	1542 G.B silt w/ sand + org. mat.		
94	1544 G.B. silt w/ sand + org. mat.		
95	1546 same as above		
96	1550 G.B sand w/ red pigment silt + org. mat.		

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	FS-37-4	8/13/98 / 10:54	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
97 1552 1554 98 99 100	G.B. silty sand w/ org matter KMB	end of core	

Sampler Initials:

612.24

THE O'BRIEN & GERE COMPANIES

OBJECT:	PAGE:	BY:	DATE:	JOB NUMBER:

Samp. prog.	ID #	Date / Time	Weather
~~custom~~	CS-01	8/28/98 / 8:15	sunny, 80°F
Water Depth	**core type**	**Composited?**	
1.5'	push	☐ yes	☒ no
Penetration	**Recovery**	**GPS Coordinates**	CG
85 cm	71 cm	Northing 161503	Easting 736115

Interval		Description	Comments
	0900	Fine brown silt w/ some fine sand & org. mat.	
1	0902	Fine brown sand w/ some silt & some org. mat.	
2		Fine brown sand w/ shale piece	
	0904		~~Odor~~
3	0906	Fine brown sand	Odor
4	0908	Fine brown silt w/ some sand & org. mat.	Odor
5	0909	same as above	Odor
6	0910	same as above	odor
7	0912	Fine brown silt w/ some fine sand & trace org. mat.	odor
8	0914	same as above w/ leaves	odor
9	0915	Fine brown sand w/ some silt	odor
10	0916	Fine brown sand	odor
11	0917	same as above	odor
12	0918	same as above	odor
13			

315967

O'BRIEN & GERE COMPANIES

JECT: Cesium CS-01 5/29/94/8 19	PAGE:	BY:	DATE:	JOB NUMBER:

	0919	same as above	odor
14			
	0920	same as above w/ some silt.	odor
15			
	0921	Fine brown ~~sand~~ silt w/ trace ~~some~~ ~~silt~~ fine sand	
16			
	0922	same as above	
17			
	0923	same as above	
18			
	0924	same as above	
19			
	0925	same as above	
20			
	0926	same as above w/ some org. mat.	
21			
	0927	same as above	
22			
	0928	same as above	
23			
	0929	same as above	
24			
	0930	same as above w/ a stone	Dup 3, odor
25			
	0931	Fine brown sand	odor
26			
	0932	Fine brown sand w/ some gray clay	odor
27			
	0933	same as above	odor
28			
	0934	Fine brown sand	odor
29			
	0935	Med.-coarse brown sand	odor
30			
	0936	same as above	odor
31			

315968

612.24)

O'BRIEN & GERE COMPANIES

SJECT:	PAGE:	BY:	DATE:	JOB NUMBER:
Cesium CS-01 8/25/98 8:15				

		0937	Med.-coarse sand w/ some fine silt		odor
32		0938	Med. brown sandy silt		odor
33		0940	same as above		odor
34		0941	fine brown sand		odor
35		0943	same as above		odor
36		0944	same as above		odor
37		0945	same as above		odor
38		0946	same as above		odor
39		0947	same as above		Dup 4 odo
40		0949	same as above		odor
41		0950	same as above		odor
42		0951	same as above		odor
43		0952	Fine-Med. brown sand		odor
44		0953	same as above		odor
45		0954	same as above		odor
46		0955	same as above	* core was cut here - may contain lexan	odor
47		0956	Med.-coarse brown sand		odor
48		0957	same as above		odor
49					

315969

O'BRIEN & GERE COMPANIES

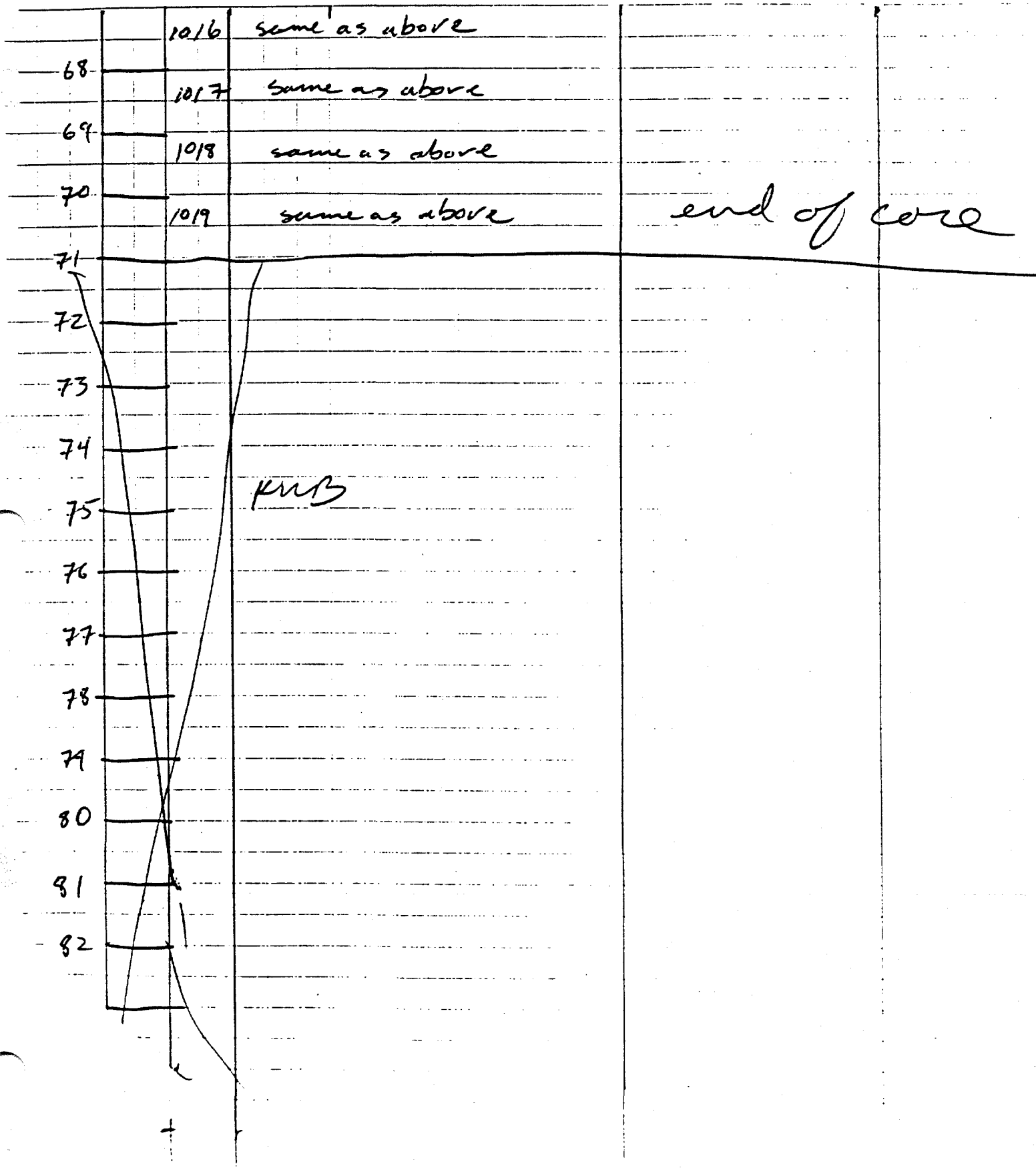
SUBJECT:	PAGE:	BY:	DATE:	JOB NUMBER:
Cesium CS-01 8/28/98 / 8:15				

	0958	Fine - med. brown sand	odor
50	0959	same as above	slight odo.
51	1000	same as above	
52	1001	same as above	
53	1002	same as above	
54	1003	same as above	
55	1004	same as above	
56	1005	same as above	
57	1006	same as above	
58	1007	same as above	
59	1008	Med - course brown sand	
60	1009	same as above	
61	1010	Course Brown sand	
62	1011	same as above	
63	1012	same as above	
64	1013	same as above	
	1014	same as above	
	1015	same as above	

612.245

O'BRIEN & GERE COMPANIES

JECT: Cesium CS-01 8/28/98/8:15	PAGE:	BY:	DATE:	JOB NUMBER:



315971

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	CS-03	8/27/98 / 11:45	sunny 80°F

Water Depth	Core Type	Core to be Composited?
2.4'		☐ Yes ☒ No

Penetration Depth	Length Recovered	GPS Coordinates
130 cm	91 cm	Northing/Lat. = 1592053 Easting/Long. = 736826 CR=2.9

Core Section Interval	Visual Description	Grain Size	Comments
1226	Fine brown silt w/ org. mat.		
1	Fine brown silt		
1227			
2			
1230	same as above w/ some fine sand		Dup 1
3			
1234	same as above		
4			
1236	Fine brown sandy silt		
5			
1238	Fine brown silty sand.		
6			
1240	same as above		
7			
1242	same as above		
8			
1244	same as above		
9			
1246	same as above		
10			
1248	same as above		
11			
1249	same as above		
12			

Sampler Initials: MPH, KWD, MDL, CAG

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-03	8/27/98 / 11:45	
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. = Easting/Long. =	

Core Section Interval	Visual Description	Grain Size	Comments
1250	same as above		
13			
1252	same as above		
14			
1253	same as above		
15			
1255	same as above w/ trace org. mat.		
16			
1257	same as above		
17			
1258	same as above		
18			
1259	Fine brown sand w/ trace silt		
19			
1301	same as above		Dup 2
20			
1305	Fine brown sand		
21			
1307	same as above		
22			
1308	same as above		
23			
1309	same as above		
24			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Ces. Inc	CS-03	8/27/98 / 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
1310	same as above		
25			
1312	Fine brown sand w/ wood chips		
26			
1313	Fine brown sand		
27			
1314	same as above		
28			
1315	same as above		
29			
1316	same as above		
30			
1317	same as above		
31			
1318	Fine brown sand w/ wood chips		
32			
1319	same as above w/ wood chunk		
33			
1320	same as above		odor
34			
1322	same as above		
35			
1323	Fine brown silty sand w/ wood chips		
36			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-03	8/27/98 / 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
37	1325 same as above		
38	1327 same as above		odor
39	1328 same as above w/ org. mat.		
40	1330 same as above w/ wood chunk		
41	1332 Fine brown sand w/ trace silt; org. mat.		
42	1333 Fine brown sand w/ trace org. mat.		
43	1334 same as above w/ trace silt		odor
44	1335 same as above		
45	1337 Fine brown silty sand.		
46	1338 same as above w/ some org. mat.		
47	1340 Fine brown sand w/ some org. mat.		odor
48	1342 same as above w/ wood chips		↓

Sampler Initials:

612.045

p. 5 of 7

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-03	8/27/98 / 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. =
		Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
49 — 1343	Fine brown sand w/ some org. mat. & wood chips		
1344	same as above		
50 — 1345	Fine brown silty sand		
51 — 1346	same as above w/ wood chips & some org. mat.		
52 — 1347	Fine brown silty sand; trace org. mat.		
53 — 1348	same as above		
54 — 1349	same as above		
55 — 1350	same as above		
56 — 1352	same as above w/ wood chunk		odor
57 — 1353	Fine brown sand		
58 — 1354	same as above		
59 — 1355	Fine brown sand w/ some silt & org. mat,		
60			

Sampler Initials:

315976

612.245

p. 6 of 7

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
cesium	CS-03	8/27/98 / 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
61 / 1357	Fine brown sand w/ some silt & trace wood chips		odor ↓
62 / 1358	same as above - more wood chips		
63 / 1359	Fine brown sand w/ trace silt & org. mat.		
64 / 1400	same as above		
65 / 1401	Fine brown sand w/ trace org. mat.		
66 / 1402	Fine brown sand w/ trace wood chips		
67 / 1403	same as above		
68 / 1404	same as above		
69 / 1406	Fine brown sand w/ some org. mat.		
70 / 1407	same as above w/ trace wood chips		
71 / 1408	same as above		
72 / 1409	same as above		

Sampler Initials:

315977

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

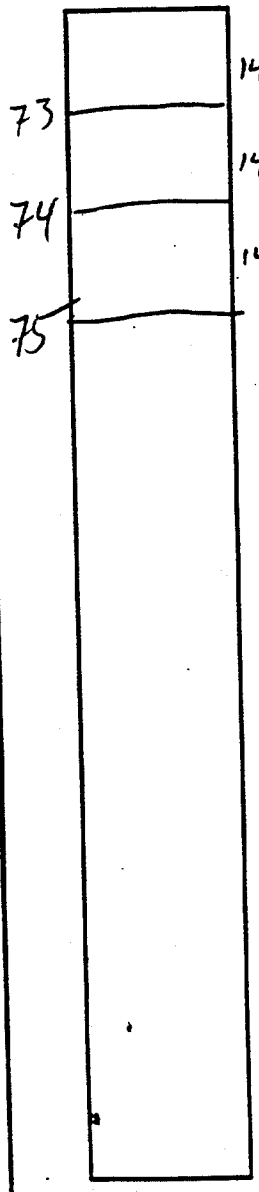
FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
cesium	CS-03	9/27/98 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
73	1411 same as above		
74	1412 same as above		
75	1413 same as above		
	stopped processing core at 75 cm.		



Sampler Initials:

612.249

p. 1 of 6

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
CESIUM	CS-04	8/27/98 / 8:30	FAIR, 70°F

Water Depth	Core Type	Core to be Composited?
2.2	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
152 cm	71 cm	Northing/Lat. = 1588639 Easting/Long. = 736790

Core Section Interval	Visual Description	Grain Size	Comments
0900	Fine brown silt w/ org. mat.		
1			
0902	same as above		
2			
0905	same as above w/ white flecks		
3			
0908	fine brown silt w/ organic matter		
4			
0912	same as above w/ more leaves		
5			
0913	same as above w/ roots & twigs		
6			
0915	same as above		
7			
0917	Fine brown silt w/ roots & wood.		
8			
0916	same as above w/ Leaves		
9			
0919	Fine brown silt w/ trace fine sand w/ roots		
10			
0921	same as above - trace of organic mat.		
11			
0923	same as above		
12			

Sampler Initials: CAG KWB MDY MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-04	8/27/98 / 8:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
0925	same as above w/ wood chunk		
13			
0927	same as above - no wood chunk		
14			
0928	Fine brown silt w/ some fine sand		
15			
0931	same as above		
16			
0933	Fine brown silt w/ trace fine sand & trace roots		
17			
0934	Fine brown silt w/ trace fine sand		
18			
0936	same as above		
19			
0937	same as above		
20			
0939	same as above		odor
21			
0941	Fine brown silt		slight odor
22			
0943	Fine brown silt w/ wood chips		
23			
0945	same as above w/ leaves		
24			

Sampler Initials:

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Coring	CS-04	8/27/98 / 8:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. =
		Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
25 — 0947	same as above		
26 — 0949	same as above		
27 — 0950	Fine brown silt		
28 — 0952	Fine brown silt w/ trace fine sand & trace org. mat.		
29 — 0954	Fine brown silt w/ some fine sand.		
30 — 0955	Fine brown silt w/ trace fine sand		
31 — 0956	Same as above w/ trace org. mat.		
32 — 0958	same as above		
33 — 0959	Fine brown silt w/ trace fine sand.		
34 — 1000	Fine brown sand w/ org. mat. & trace fine sand.		
35 — 1001	same as above		
36 — 1003	Fine sandy brown silt w/ org. mat.		

Sampler Initials:

612.243
p. 4 of 6

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-04	8/27/98 / 8:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
1004	same as above		
37	Fine brown silt w/ some		
1005	fine sand + trace org. mat.		
38			
1006	same as above		
39	Fine brown sandy		
1007	silt + trace org. mat.		
40			
1009	Fine brown sand w/ silt + trace org mat.		
41			
1010	Fine brown silt w/ trace fine sand.		
42			
1012	same as above		
43			
1014	same as above		
44			
1015	same as above		
45			
1016	same as above		
46			
1017	same as above		
47			
1019	Fine brown sandy silt w/ leaves + wood		
46			

Sampler Initials:

315982

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
cesium	CS-04	8/27/98/8:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
49	1021 same as above Fine brown sandy silt w/ wood chips		
50	1023 Fine brown silt w/ trace fine sand		
51	1025 Fine brown silt w/ some fine sand		
52	1026 same as above		
53	1027 same as above		
54	1028 same as above		
55	1029 Fine brown silt w/ trace fine sand		
56	1030 same as above w/ wood chip + blue plastic		
57	1031 Fine sandy silt w/ blue plastic		
58	1032 Fine brown sandy trace silt + blue plastic		
59	1033 Fine brown sand w/ weed chips		
60	1034		

Sampler Initials:

612.C43

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

p. 6 of 6

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-04	8/27/98 / 8:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
61	1035 same as above		
62	1036 same as above		
63	1037 wood chips w/some fine brown sand.		
64	1039 same as above		
65	1041 Same as above		end of core
66			
67	KMB		
68			
69			
70			
71			
72			

Sampler Initials:

315984

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General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-D5C-101	7/24/98 7:45	FAIR, 65°

Water Depth	Core Type	Core to be Composited?
8.9	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
51 cm	33 cm	Northing/Lat. = 161872 Easting/Long. = 735091 CR = 2.6

Core Section Interval	Visual Description	Grain Size	Comments
7:54 0-2cm	BROWN FINE SAND w/ SOME SILT		
7:57 2-5cm	BROWN FINE SAND		

Sampler Initials: CAG, SEM, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-05C-102	7/24/98 ~~8:47~~ 8:35 (ND)	FAIR, 65°

Water Depth	Core Type	Core to be Composited?
22.4	GRAB w/ ~~PUSH~~ PONAR (MDL)	Yes (MDL) ☐ No ☑

Penetration Depth	Length Recovered	GPS Coordinates
—	—	Northing/Lat. = 1611509 CR = 2.2 Easting/Long. = 735116

Core Section Interval	Visual Description	Grain Size	Comments
	GRAVEL, SHALE FRAGMENTS, MED. BROWN SAND		NOTE: ARCHIVE SAMPLE ONLY - NOT INCLUDED IN BS-05C-100 COMPOSITE AS ALL OTHER SAMPLES WERE CORES

Sampler Initials: CAG SEM, MDL

315987

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

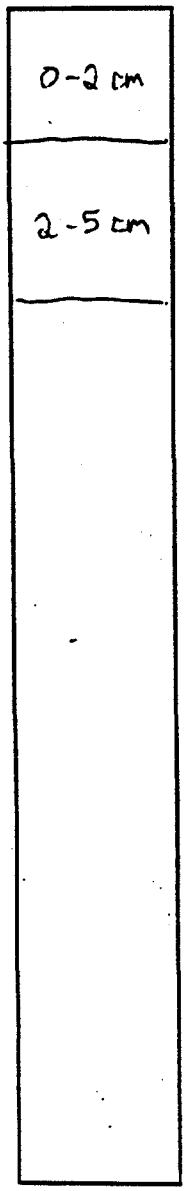
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-05C-103	7/24/98 8:50	FAIR, 70°F

Water Depth	Core Type	Core to be Composited?
15.9'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
28 cm	16 cm	Northing/Lat. = 1611064 Easting/Long. = 734662 CQ = 3.1

Core Section Interval	Visual Description	Grain Size	Comments
9:02 0-2 cm	COARSE SAND		
9:05 2-5 cm	COARSE SAND		



Sampler Initials: CAG, SEM, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

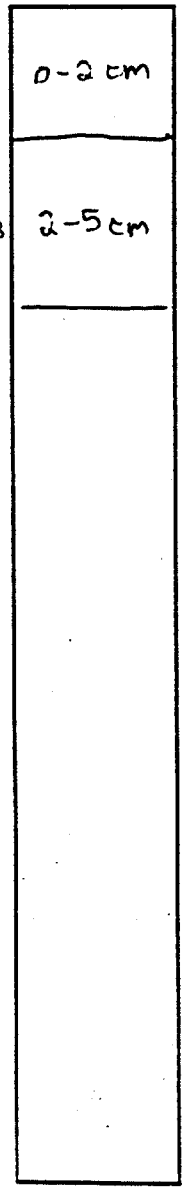
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-05C-104	7/24/98 9:15	FAIR, 70° F

Water Depth	Core Type	Core to be Composited?
1.4'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
13 cm	8 cm	Northing/Lat. = 1610751 Easting/Long. = 734727 CR = 2.3

Core Section Interval	Visual Description	Grain Size	Comments
9:20 0-2 cm	FINE/MED. SAND W/ EEL GRASS		
9:23 2-5 cm	SAME AS ABOVE		



Sampler Initials: CAG SEM MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

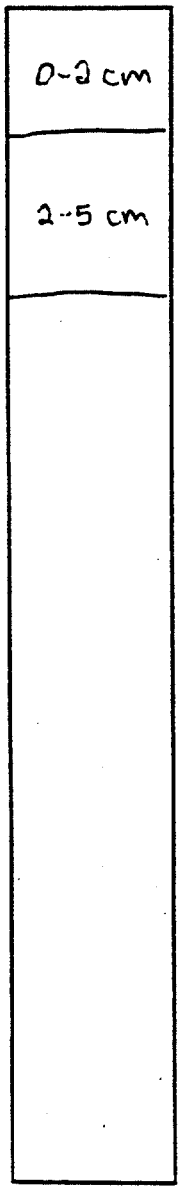
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-05C-105	7/24/98 9:30	FAIR, 70°

Water Depth	Core Type	Core to be Composited?
14.5'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
19 cm	15 cm	Northing/Lat. = 1610424 Easting/Long. = 734207 CR = 2.0

Core Section Interval	Visual Description	Grain Size	Comments
9:37 0-2 cm	FINE V GRAVEL W/COARSE SAND		
9:40 2-5 cm	FINE GRAVEL W/ MED. TO COARSE SAND		



Sampler Initials: CAG, SEM, MDL

315990

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-05C-106	7/24/98 9:45	FAIR, 70°

Water Depth	Core Type	Core to be Composited?
10.3'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
41 cm	25 cm	Northing/Lat. = 1610080 Easting/Long. = 733888 CQ = 2.4

Core Section Interval	Visual Description	Grain Size	Comments
9:53 0-2 cm	FINE GRAVEL w/ MED-FINE BROWN SAND		DISCARDED MUSSEL FROM 0-2 cm INTERVAL
9:56 2-5 cm	GRAY CLAY w/ SOME GRAVEL & FINE SAND		CLAY IN BOTTOM OF CORE

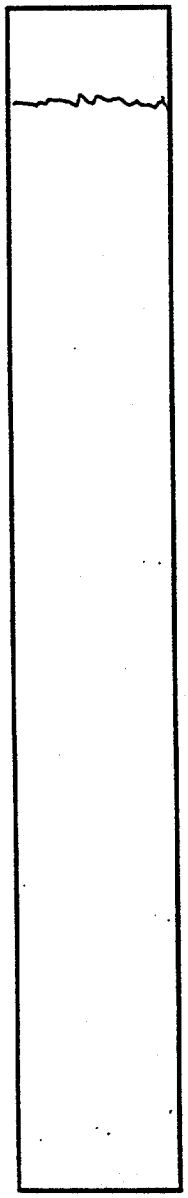
Sampler Initials: CAG SEM MDL

315991

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06C-301	7/9/98 11:40	PARTLY SUNNY, 75°F
Water Depth	**Core Type**	**Core to be Composited?**	
14'	GRAB W/PONAR	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
–	–	Northing/Lat. = 1609702 CQ = 2.5 Easting/Long. = 733783	

Core Section Interval	Visual Description	Grain Size	Comments
12:10 	COARSE SAND, FINE GRAVEL, SHALE FRAGMENTS		STRONG CURRENT, EXACT POSITIONING DIFFICULT HARD BOTTOM, CORE ATTEMPTED, UNABLE TO PENETRATE, TOOK GRAB (GRAB COLLECTED IN 1991)

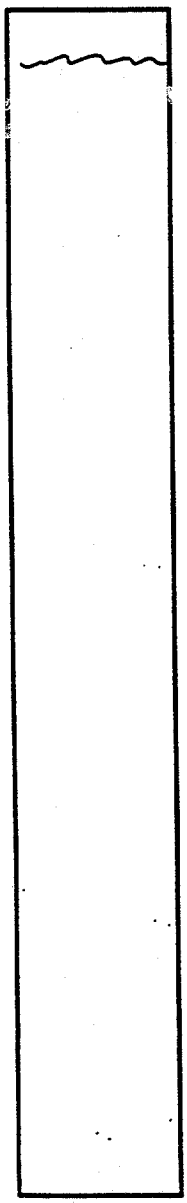
Sampler Initials: EBR, RMN, MDL

315992

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad	BS-06C-302	7/9/98 1339	Partly Cloudy Sunny ~75°F
Water Depth	**Core Type**	**Core to be Composited?**	
≈ 13'	Grab w/ Ponar	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 160923 83 Easting/Long. = 733348 CQ-1.9	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1342 	Medium brown sand, small shale fragments		Strong current,

Sampler Initials: EBR, WAA

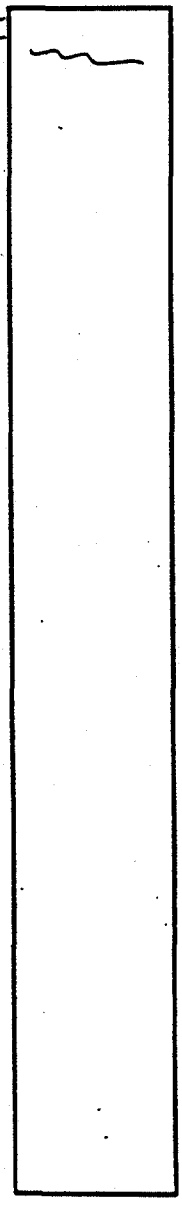
RM J

315993

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Brad	BS-06C-303	7/9/98, 1447	Partly Cloudy High 70's Sunny
Water Depth	**Core Type**	**Core to be Composited?**	
13'	Ponar Grab	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
1 —	—	Northing/Lat. = 1609059.5 Easting/Long. = 733295.9	CQ = 4.7

Core Section Interval	Visual Description	Grain Size	Comments
Time 1450 	Coarse sand Fine gravel, Shale fragments		

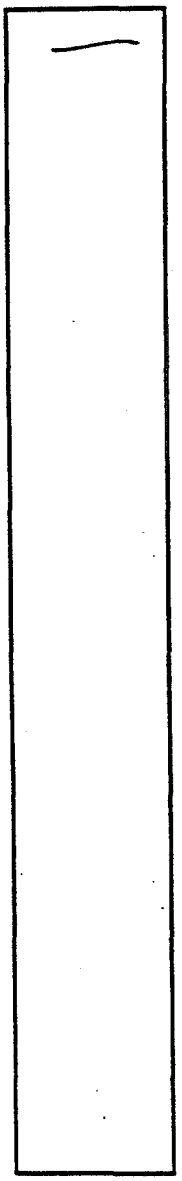
Sampler Initials:

315994

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612215

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06-C-304	7/10/98 10:20	SUNNY & PARTLY CLOUDY 70sF
Water Depth	**Core Type**	**Core to be Composited?**	
11'	PONAR GRAB	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
1-	—	Northing/Lat. = 160823.3 Easting/Long. = 732873.7	CO=2.2

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1020 	COARSE BROWN SAND, STONE FRAGMENTS	W/ TRACE COBBLES	
	PULLED SAMPLE FIRST SAMPLE	TWICE - COBBLES, ROCKS —	DISCARDED

Sampler Initials: RMW, EBR

WAA

315995

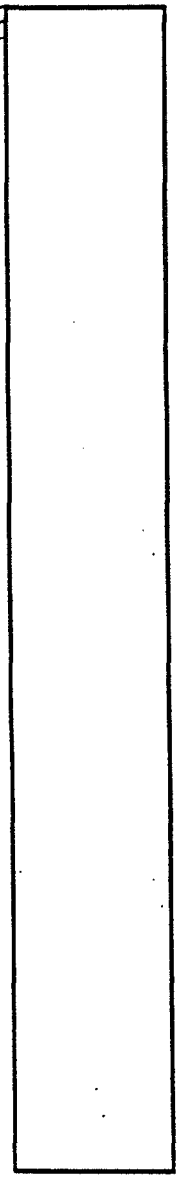
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06C-305	7/10/98	SUN & CLOUDS

Water Depth	Core Type	Core to be Composited?
10'	PONAR GRAB	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
1 –	—	Northing/Lat. = 1608477.1 Easting/Long. = 732764.2 3.1 CA=3E-MM

Core Section Interval	Visual Description	Grain Size	Comments
TIME 11:60 	MEDIUM-COARSE BROWN SAND, SHALE FRAGMENTS CLAM SHELL, SMALL SHELLS, ZOOPLANKTON		

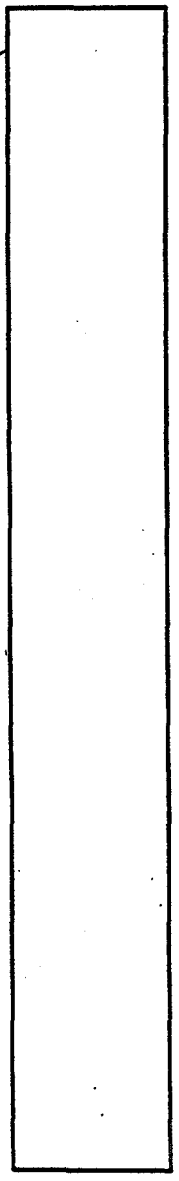
Sampler Initials: RMW, EBR

315996

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06C-306	7/10/98 1145	SUN & CLOUDS 70°S
Water Depth	**Core Type**	**Core to be Composited?**	
12'	PONAR DREDGE	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
–	–	Northing/Lat. = 160745.0 Easting/Long. = 732702.5	CA=2.5

Core Section Interval	Visual Description	Grain Size	Comments
Time 1145 	Coarse brown sand, pebbles, ~~shell fragments~~, small shale fragments		

Sampler Initials: WAA, EBR

WAA/RMA

315997

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
3 Boom Scope	BS-06F-101	7/7/98 1345	overcast
Water Depth	**Core Type**	**Core to be Composited?**	
~3'	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
114cm	63cm	Northing/Lat. = 1609956.035 Easting/Long. = 733439.299	CG 2.0

Core Section Interval	Visual Description	Grain Size	Comments
Time 1402 0-2 1412 2-5	Fine silty sand brown same		

Sampler Initials: MBL, EBR, RBH

315998

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD	BS-OGF-102	7/7/98	OVERCAST & LIGHT SPRINKLES
Water Depth	**Core Type**	**Core to be Composited?**	
~3ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
34 cm	15 cm	Northing/Lat. = 1609858.9 Easting/Long. = 733405.07 CQ 5.5	

Core Section Interval		Visual Description	Grain Size	Comments
Time	cm			
1522	0 - 2	Fine, silty sand brown		
1523	2 - 5	Same		

Sampler Initials: MDL, EBR, RBH

315999

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad	BS-06F-103	7/7/98	overcast, Light Rain, 70's
Water Depth	**Core Type**	**Core to be Composited?**	
~2 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
88 cm	39 cm	Northing/Lat. = 1609768.3 Easting/Long. = 733299.3 CQ 3.9	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1543 0-2 cm 1545 2-5	Fine, silty sand, brown Same		

Sampler Initials: MDL, EBR, RBH

RMW

316000

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad	BS-06F-104	7/7/98 / 1615	overcast, breezy
Water Depth	**Core Type**	**Core to be Composited?**	
≈ 3'	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
98 cm	49 cm	Northing/Lat. = 1609666 Easting/Long. = 733229.	CQ 3.0

Core Section Interval	Visual Description	Grain Size	Comments
Time 1623 0-2 1626 2-5	Fine silty sand, Brown Same less wet - Potential tree interference w/ GPS		

Sampler Initials: EBR, MDL, RBH

RMN

316001

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad	BS-06F-105	7/7/98 1700	Overcast, Breezy Low 70's
Water Depth	**Core Type**	**Core to be Composited?**	
≈ 4'	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
96 cm	50cm	Northing/Lat. = 160956 7. Easting/Long. = 733168.2 CQ 2.5	

Core Section Interval	Visual Description	Grain Size	Comments
Time / 1707 cm 0-2	Fine silt, sand brown		
1710 2-5	same, less wet		

Sampler Initials: MDL, EBR, RBH

316002

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad	BS-06F-106	7/7/98 / 1732	OVERCAST BREEZY Low 70's
Water Depth	**Core Type**	**Core to be Composited?**	
≈ 4'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
93 cm	46 cm	Northing/Lat. = 1609468 Easting/Long. = 733091.	C.Q. - 2.9

Core Section Interval	Visual Description	Grain Size	Comments
Time / cm 1739 0-2	Fine silt, sand brown		
1742 2-5	same, less water		
	✱ Near shore interference w/ GPS		

Sampler Initials: MDL, EBR, RBH

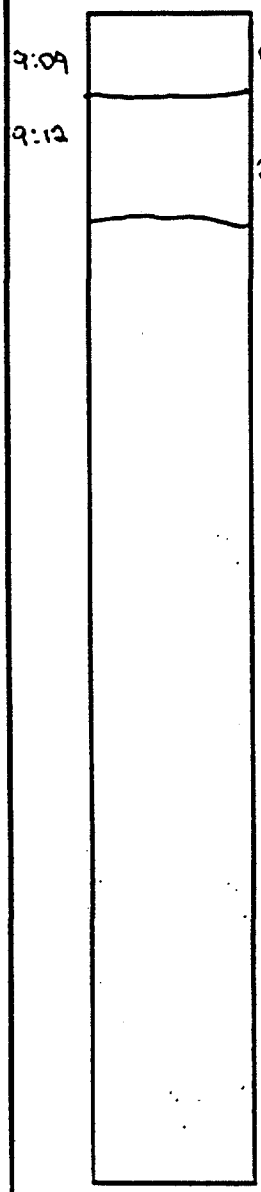
RMN

316003

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06F-107	7/8/98 9:03	OVERCAST, 70°F
Water Depth	**Core Type**	**Core to be Composited?**	
4'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
68 cm	44 cm	Northing/Lat. = 1609368.523 CQ = 2.4 Easting/Long. = 733028.014	

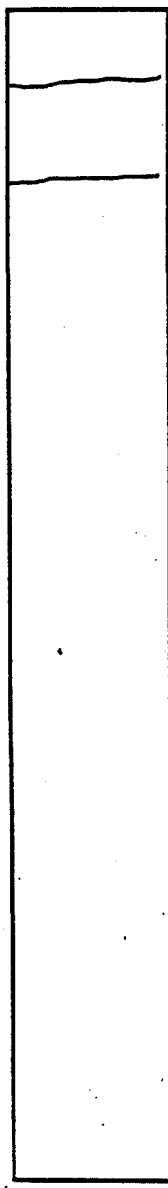
Core Section Interval	Visual Description	Grain Size	Comments
	BROWN SILTY FINE SAND, AQUEOUS SAME AS ABOVE, LESS AQUEOUS		

Sampler Initials: RBN, EBR, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.246

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06F-108	7/8/98 9:39	OVERCAST, 70°F
Water Depth	**Core Type**	**Core to be Composited?**	
4'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
65 cm	15 cm	Northing/Lat. = 1609296.498 CR = 2.5 Easting/Long. = 733050.39	

Core Section Interval	Visual Description	Grain Size	Comments
	RED-BROWN MEDIUM SAND, AQUEOUS SAME AS ABOVE, LESS AQUEOUS		"HARD CRUST" @ SURFACE OF SEDIMENT

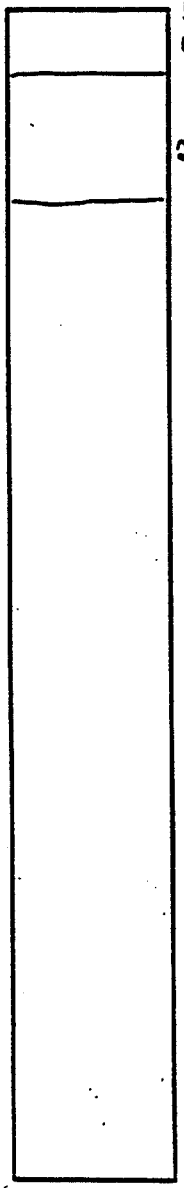
Sampler Initials: RBH, EBR, MDL

316005

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-OEF-109	7/8/98 10:05	OVERCAST, 70°F
Water Depth	**Core Type**	**Core to be Composited?**	
5'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
57 cm	35 cm	Northing/Lat. = 1609213.213 CQ=2.3 Easting/Long. = 733004.880	

Core Section Interval	Visual Description	Grain Size	Comments
	0-2 cm: REDDISH BROWN MED. SAND, AQUEOUS 2-5 cm: SAME AS ABOVE, LESS AQUEOUS		

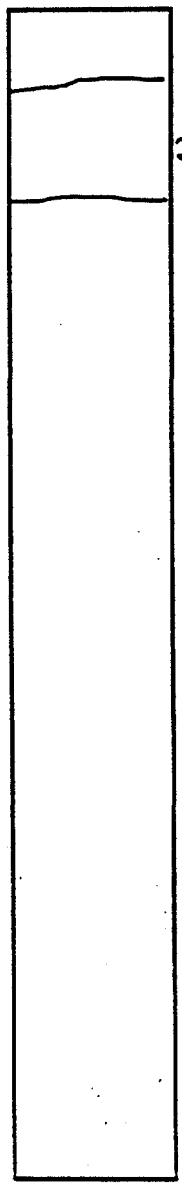
Sampler Initials: RBH, EBR, MDL

316006

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06F-110	7/8/98 10:30	OVERCAST, 70°F
Water Depth	**Core Type**	**Core to be Composited?**	
5'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
48 cm	25 cm	Northing/Lat. = 1609149.723 CQ = 2.3 Easting/Long. = 732959.766	

Core Section Interval	Visual Description	Grain Size	Comments
	SILTY FINE BROWN SAND, AQUEOUS W/ VEGETATION GRAY BROWN MED. SAND, VEGETATION		

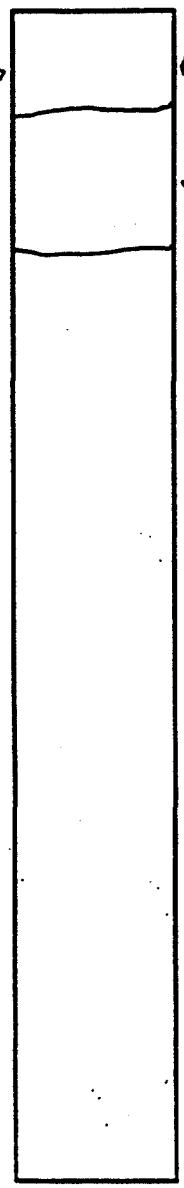
Sampler Initials: RBH, EBR, MDL

316007

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06F-111	7/8/98 10:50	LIGHT RAIN, 70°F
Water Depth	**Core Type**	**Core to be Composited?**	
4'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
89 cm	37 cm	Northing/Lat. = 160906O.751 Easting/Long. = 732834.817	CR-23

Core Section Interval	Visual Description	Grain Size	Comments
	SILTY FINE BROWN SAND w/EEL GRASS. SAME AS ABOVE w/ PLANT ROOTS		

Sampler Initials: RBH, EBR, MDL

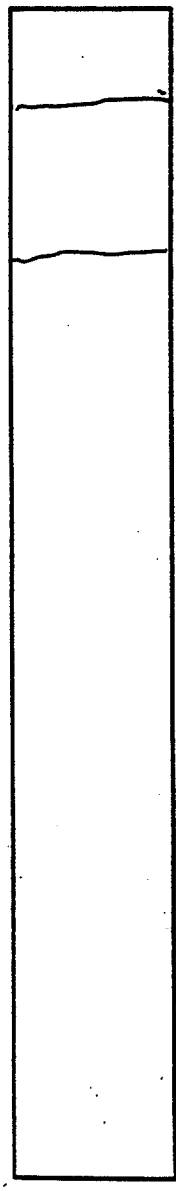
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06F-112	7/8/98 11:15	LIGHT RAIN, 70° F

Water Depth	Core Type	Core to be Composited?
4'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
81 cm	52 cm	Northing/Lat. = 160898D. CQ = 2.9 Easting/Long. = 732761.

Core Section Interval	Visual Description	Grain Size	Comments
	SILTY FINE BROWN SAND W/ VEG. SAME AS ABOVE W/ROOTS		

Sampler Initials: RBV, EBR, MDL

316009

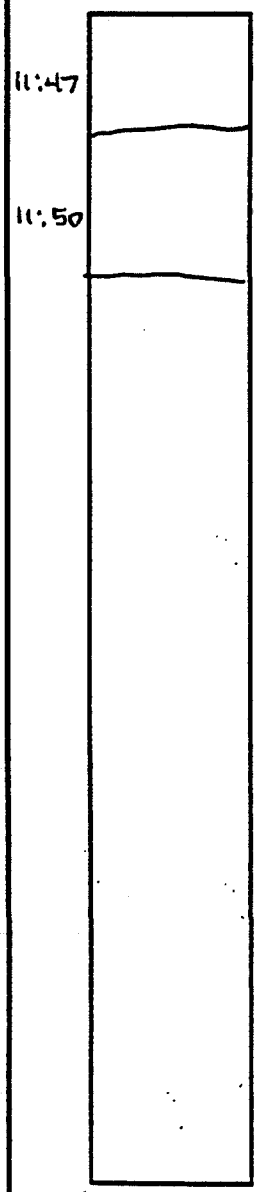
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06F-113	7/8/98 11:41	DRIZZLE, 70°F

Water Depth	Core Type	Core to be Composited?
4'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
82 cm	50 cm	Northing/Lat. = 1608902. LQ = 2.5 Easting/Long. = 732734.

Core Section Interval	Visual Description	Grain Size	Comments
	SILTY FINE BROWN SAND, AQUEOUS SILTY FINE BROWN SAND, LESS AQUEOUS		

Sampler Initials: RBH, EBR, MDL

316010

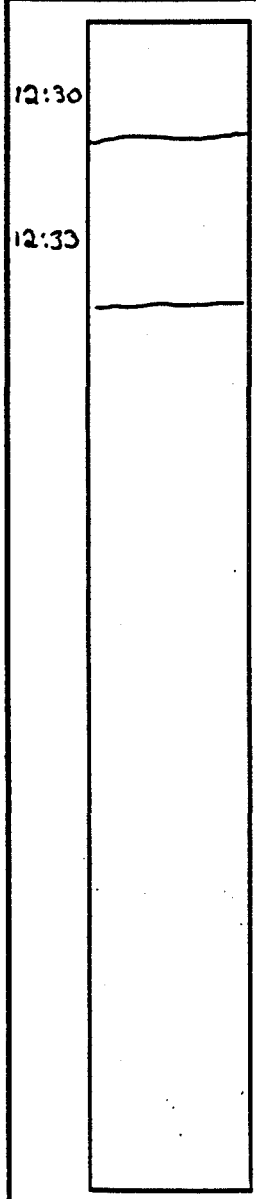
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06F-114	7/8/98 12:20	LIGHT RAIN, 70° F SOUTH WIND, 10 mph

Water Depth	Core Type	Core to be Composited?
6'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
78 cm	39 cm	Northing/Lat. = 1608803. CQ=2.0 Easting/Long. = 732688.

Core Section Interval	Visual Description	Grain Size	Comments
	SILTY FINE BROWN SAND, AQUEOUS SAME AS ABOVE, LESS AQUEOUS		

Sampler Initials: RBH, EBR, MDL

316011

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad	BS-06T-201	7/8/98 15:20	60's, OVERCAST
Water Depth	**Core Type**	**Core to be Composited?**	
4.5' (MDL) ~~2.5~~	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
42 cm	17 CM	Northing/Lat. = 160930 / Easting/Long. = 733710. CO 3.0	

Core Section Interval	Visual Description	Grain Size	Comments
Time 15:35 — 0-2	SILTY BROWN FINE SAND. W/VEGETATION AQUEOUS		COLLECTED ON EDGE OF EEL GRASS BED
15:38 — 2-5	SILTY BROWN FINE SAND W/WOOD CHIP, LESS AQUEOUS		

Sampler Initials: MDL, EBR, RMN

316012

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.246

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06T-202	7/8/98 15:54	OVERCAST, 60°F
Water Depth	**Core Type**	**Core to be Composited?**	
5'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
35 cm	10 cm	Northing/Lat. = 1609187 Easting/Long. = 733616	CQ = 3.2

Core Section Interval	Visual Description	Grain Size	Comments
cm 16:00 0-2 16:03 2-5	SILTY FINE BROWN SAND W/ORGANIC MATTER, VERY AQUEOUS, PEBBLE SAME AS ABOVE, LESS AQUEOUS		SHEEN, ODOR OBSERVED, COLLECTED ON EDGE OF EEL GRASS BED

Sampler Initials: EBR, RMN, MDL

316013

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.2f5

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06T-203	7/8/98 16:21	OVERCAST, 60°F
Water Depth	**Core Type**	**Core to be Composited?**	
3.5'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
74 cm	39 cm	Northing/Lat. = 1609090 CR = 2.4 Easting/Long. = 733546	

Core Section Interval	Visual Description	Grain Size	Comments
cm 16:25 0-2 16:28 2-5	SILTY FINE BROWN SAND W/VEGETATION, AQUEOUS SILTY FINE BROWN SAND, PLANT ROOTS, LESS AQUEOUS		COLLECTED ON EDGE OF EEL GRASS BED

Sampler Initials: EBR, RMN, MK

316014

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06T-204	7/8/98 16:50	LIGHT RAIN, 60°F

Water Depth	Core Type	Core to be Composited?
5'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
74 cm	25 cm	Northing/Lat. = 1609000 CQ=2.5 Easting/Long. = 733473

Core Section Interval	Visual Description	Grain Size	Comments
cm 17:00 0-2 17:03 2-5	SILTY BROWN/BLACK FINE SAND, ORGANIC MATTER, AQUEOUS SAME AS ABOVE, LESS AQUEOUS		

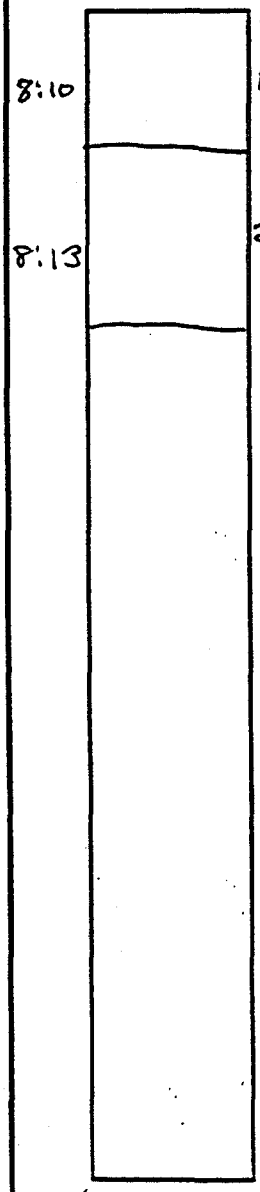
Sampler Initials: EBR, RMN, MDL

316015

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06T-205	7/9/98 7:55	OVERCAST, 60° F
Water Depth	**Core Type**	**Core to be Composited?**	
4'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
71 cm	46 cm	Northing/Lat. = 1608898 Easting/Long. = 733406	CQ = 4.1

Core Section Interval	Visual Description	Grain Size	Comments
	SILTY FINE BROWN SAND, AQUEOUS SAME AS ABOVE W/ ORGANIC MATTER, LESS AQUEOUS		NEAR EDGE OF EEL GRASS BED

Sampler Initials: EBR, RMN, MDL

316016

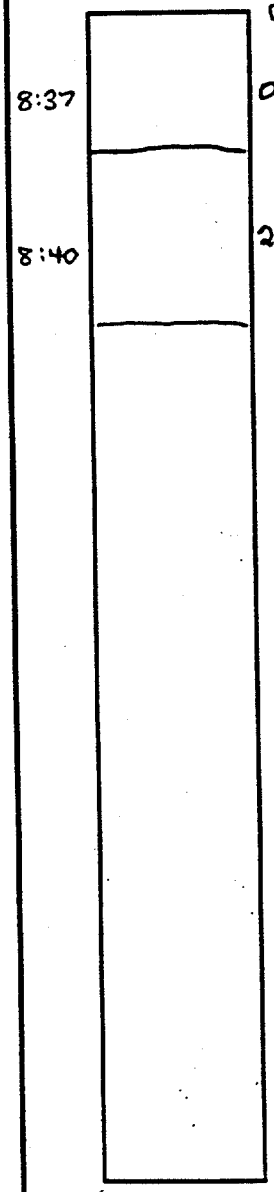
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06T-206	7/9/98 8:25	OVERCAST, 60°F

Water Depth	Core Type	Core to be Composited?
4'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
61 cm	38 cm	Northing/Lat. = 1608811 CQ = 3.0 Easting/Long. = 733345

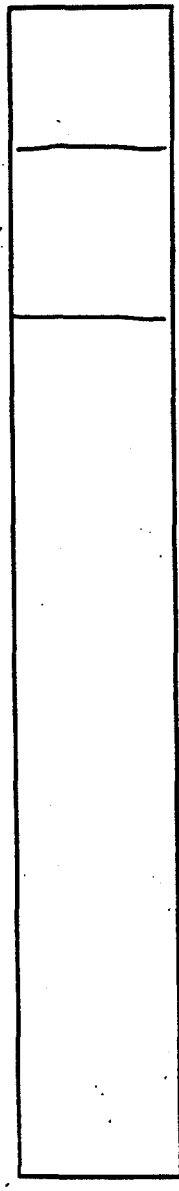
Core Section Interval	Visual Description	Grain Size	Comments
	0-2 SILTY, BROWN/BLACK FINE SAND, ORGANIC MATTER, AQUEOUS 2-5 SILTY DARK BROWN/BLACK FINE SAND, ORGANIC MATTER, ODOR, LESS AQUEOUS		NEAR EDGE OF EEL GRASS BED

Sampler Initials: EBR, RMN, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-OGT-207	7/9/98 8:55	OVERCAST, 60° F
Water Depth	**Core Type**	**Core to be Composited?**	
6'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
57 cm	40 cm	Northing/Lat. = 1608704 Easting/Long. = 733276	CQ = 2.5

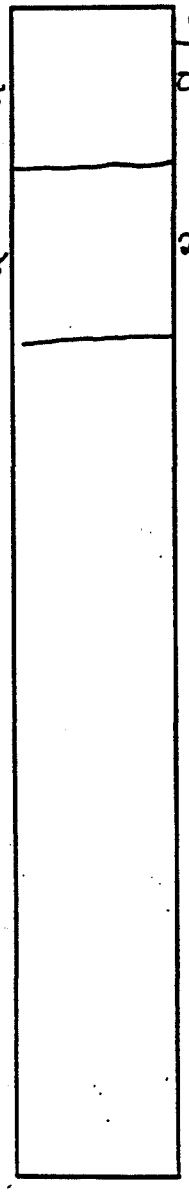
Core Section Interval	Visual Description	Grain Size	Comments
	DARK BROWN FINE SAND, AQUEOUS w/ SMALL TWIGS SAME AS ABOVE, LESS AQUEOUS		NEAR EDGE OF EEL GRASS BED

Sampler Initials: EBR, RMN, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06T-208	7/9/98 9:20	OVERCAST, 60°F
Water Depth	**Core Type**	**Core to be Composited?**	
6'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
61 cm	35 cm	Northing/Lat. = 608453 Easting/Long. = 733132	CQ = 2.3

Core Section Interval	Visual Description	Grain Size	Comments
	SILTY BROWN FINE SAND, VEGETATION, AQUEOUS ~~SILTY~~ DARK BROWN FINE SAND, SOME SILT, VEGETATION, LESS AQUEOUS		NEAR EDGE OF EEL GRASS BED

Sampler Initials: EBR, RMA, MBL

316019

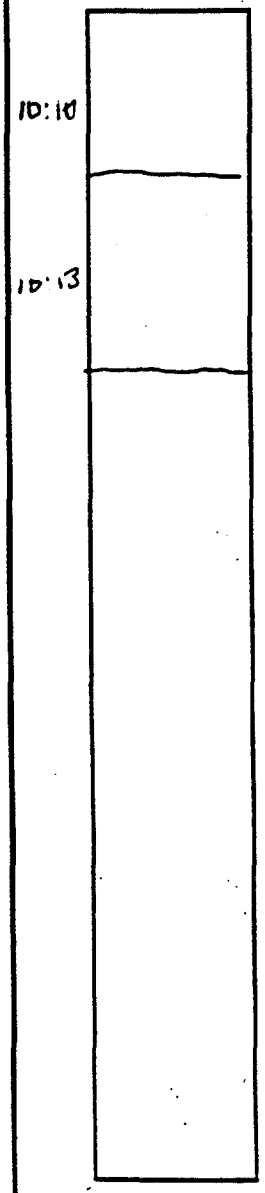
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06T-209	7/9/98 9:55	OVERCAST, 60°F

Water Depth	Core Type	Core to be Composited?
8'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
10 cm	MDL 5 cm	Northing/Lat. = 1608316 Easting/Long. = 733044 CQ = 2.3

Core Section Interval	Visual Description	Grain Size	Comments
 10:10 10:13	DARK BROWN COARSE SAND, WOOD CHIPS SAME AS ABOVE		VERY LITTLE SOFT SEDIMENT, SAMPLE TAKEN ALONG EDGE OF CURRENT

Sampler Initials: EBR, RMN, MDL

316020

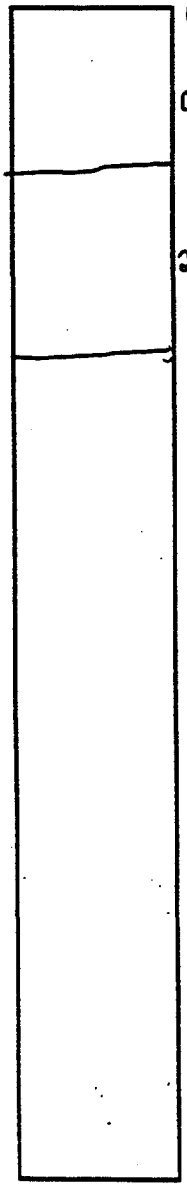
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-06T-210	7/9/98 10:25	OVERCAST, 65° F

Water Depth	Core Type	Core to be Composited?
9'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
25 cm	11 cm	Northing/Lat. = 1608226 Easting/Long. = 732985 CQ = 2.0

Core Section Interval	Visual Description	Grain Size	Comments
 cm 10:35 0-2 10:38 2-5	BROWN MEDIUM SAND DARK BROWN MED. SAND, WOOD CHIPS		NEAR EDGE OF CURRENT, COARSER MATERIAL THAN REST OF COMP. LOCATIONS, SHEEN OBSERVED

Sampler Initials: EBR, RMN, MDL

316021

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-08C-401	7/20/98 1645	SUNNY S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
13.2 ft	PONAR GRAB	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 162568.3	
		Easting/Long. = 735394.2	

Core Section Interval	Visual Description	Grain Size	Comments
	COARSE BROWN SAND		
	1ST GRAB - ROCKS AND STICK		DISCARDED
	2ND GRAB - NO SAMPLE		
	3RD GRAB - ROCKS W, ~~SOME~~ TRACE WITH SAND		
	4TH GRAB - NO SAMPLE		
	6TH - TRACE OF SAND		ARCHIVED
	6TH - GRAB NO SAMPLE		DISCARDED
	7TH - 4		

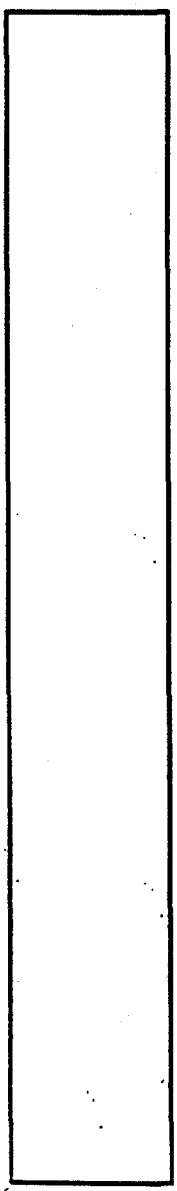
Sampler Initials: CAB, SEM, WBA

316022

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROOD SLOPE	BS-08C-402	7/20/98 1730	SUNNY 5 BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
14.1 ft	PONAR GRAB	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 1602104.9 Easting/Long. = 735696.1 CQ=2.4	

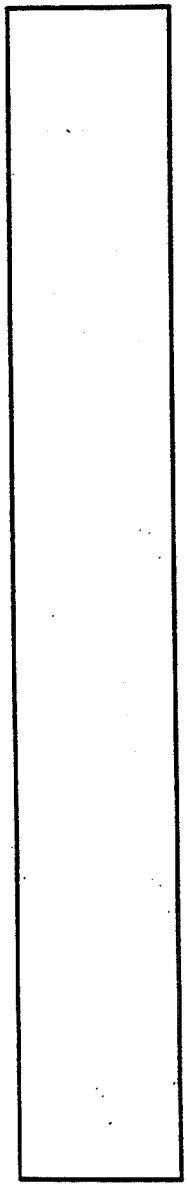
Core Section Interval	Visual Description	Grain Size	Comments
	COARSE BROWN SAND PONAR GRAB ALSO INCLUDED ROCKS & GRAVEL		— DISCARDED

Sampler Initials: CAG, SEM, LWA

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	SS-08C-403	7/21/98 1255	SUN & CLOUDS
Water Depth	**Core Type**	**Core to be Composited?**	
15ft	PONAR GRAB	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 1601745. Easting/Long. = 735890.5	CG=1.9

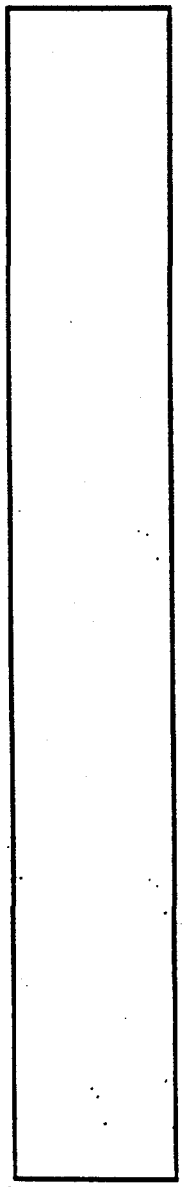
Core Section Interval	Visual Description	Grain Size	Comments
	COARSE BROWN SAND, CLAM and gravel discarded GRAB 1ST - No sample) DISCARDED 2ND - No sample) 3RD - RETAINED		

Sampler Initials: CAB, GEM, WAK

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Sand	BS-08C-H04	7/21/98 1330	Sun & Clouds
Water Depth	**Core Type**	**Core to be Composited?**	
13 ft	Ponar Grab	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 1601234 Easting/Long. = 735942	CG=3.1

Core Section Interval	Visual Description	Grain Size	Comments
	Coarse Brown Sand w/ some Gravel		

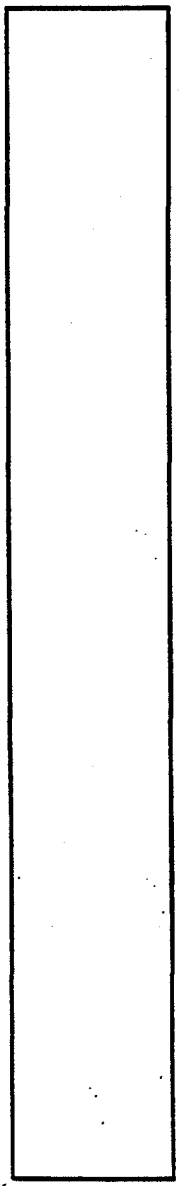
Sampler Initials: CAG, SEM, WAA

316025

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612-245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scope	BS-08C-405	BS-08C-405 1345 ~~WAA330~~	Sun & Clouds
Water Depth	**Core Type**	**Core to be Composited?**	
13.3 ft	Ponar Grab	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 160834.0 Easting/Long. = 735892.6	CO=3.5

Core Section Interval	Visual Description	Grain Size	Comments
	Coarse Brown Sand		

Sampler Initials: CAG, SEM, ~~WAA~~

316026

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Sunk	BS-08F-101 1050	7/20/98	Hazy Humid

Water Depth	Core Type	Core to be Composited?
41"	Push	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
16cm	15cm	Northing/Lat. = 1605291.3 Easting/Long. = 7[illegible] CG=3.0

Core Section Interval	Visual Description	Grain Size	Comments
Time 1100 0-2	Wet Brown Fine Trace Sand.	Silt	
1105 2-5	Brown Fine Silt w/ Some Sand		

Sampler Initials: CMG, [illegible]

316027

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-08F-102	7/20/98 1115	Hazy & Humid
Water Depth	**Core Type**	**Core to be Composited?**	
49"	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
42cm	20cm	Northing/Lat. = 1605169.5 Easting/Long. = 732823.2 CAD.5	

Core Section Interval	Visual Description	Grain Size	Comments
11:15 0-2	Fine Brown Silt w/ Trace Organic Matter		
11:17 2-5	Same		Aquatic invertebrate larvae & tracked from Sample & discarded

Sampler Initials: CAC SEM

316028

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-08F-103	7/20/98 1130	HAZY HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
51"	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
53cm	27cm	Northing/Lat. = 160504~~55~~.50.6 Easting/Long. = 732661.9	CG=2.3

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1135 0-2cm	FINE BROWN SILT. W/ SAND, TWIGS,	SILT SEA GRASS	
1137 2-5cm	FINE BROWN SILT ORGANIC MATTER AND GRAVEL	TRACE (ROOTS)	

Sampler Initials: CAG, SEM, KAA

316029

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	TS-08F-104	7/20/98 1145	Hazy Humid
Water Depth	**Core Type**	**Core to be Composited?**	
62"	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
53cm	38cm	Northing/Lat. = 1604919.6 Easting/Long. = 738866	CG = 2.2

Core Section Interval	Visual Description	Grain Size	Comments
Time 1150 0-2	Aquatic vegetation on surface of sample, discard 2 rocks discarded Fine brown silt w, some organic matter = roots, wood chips; gravel		
1152 2.5	Brown silts and gravel		

Sampler Initials: CAG, SEM, CAA

316030

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-08F-105	7/20/98 12:00	Hazy & Humid
Water Depth	**Core Type**	**Core to be Composited?**	
63"	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
17cm	17cm	Northing/Lat. = 1664789.4 Easting/Long. = 732932.1 CQ = 2.0	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1207 0-2cm	FINE BROWN SILT W/ TRACE ORGANIC MATTER - TWIG		
1210 2-5cm	GRAY CLAY INTERFACE @ ~4cm GRAY CLAY & GRAVEL		

Sampler Initials: CAG, SEM, WAM

316031

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Brown Stone	TS-08F-106	7/20/98 1240 WAS ~~1235~~	Hazy Humid
Water Depth	**Core Type**	**Core to be Composited?**	
65"	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
WAS ~~42~~ 50cm	34cm	Northing/Lat. = 604679.2 Easting/Long. = 732969.6	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1350 0-2cm	Aquatic vegetation at surface Clamshell, rock - discarded Fine Brown Silt & Sand w/ organic matter		
1353 2-5cm	Fine Brown Sand & Silt w/ some gravel		
	Archive 2-5cm taken from separate core collected @ 13:50		

Sampler Initials: CAG, SCM, WATV

316032

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612-245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-08F-107	7/20/98 1310	Hazy Humid
Water Depth	**Core Type**	**Core to be Composited?**	
~6'	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
~~with 23~~ 46cm	23cm	Northing/Lat. = 1664538.8 Easting/Long. = 733025.4 CQ=2.1	

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1315 0-2cm	FINE BROWN SILT W/ FINE SAND & ORGANIC MATERIAL. STONE DISCARDED		
1317 2-5cm	FINE BROWN SILT & SAND SOME ROOT MATERIAL		

Sampler Initials: CAG, SEM WAA

316033

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-08F-10C	7/20/98 1327	Hazy Humid
Water Depth	**Core Type**	**Core to be Composited?**	
58"	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
32cm	31.5cm	Northing/Lat. = 1664409.8 Easting/Long. = 733073.1	CO=3.1

Core Section Interval	Visual Description	Grain Size	Comments
Time 1330 0-2	Fine Brown Silt w, organic matter - roots & wood chip.		
1333 2-5	Fine Brown Sand w, some silt & organic matter, mostly roots.		

Sampler Initials: CAG, SDM WAM

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

62.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	TS-08F-109	7/20/98 1345	Hazy Humid S Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
61"	Rush	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
16cm	16cm	Northing/Lat. = 1604285 Easting/Long. = 733129	

Core Section Interval	Visual Description	Grain Size	Comments
Time 1348 0-2	Fine Brown Silt w/ Some organic	Matter	
1350 2-5	Same		

Sampler Initials: CAG, SEM, WAT

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Slake	BS-08F-110	7/20/98 14/15	Hazy & Humid 5 Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
51"	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
41cm	29.5cm	Northing/Lat. = 160465.3 Easting/Long. = 733200.3	CQ-511

Core Section Interval	Visual Description	Grain Size	Comments
Time 1420 0-2	Dark Brown silt w/ some organic matter		
1422 2-5	Dark Brown silt trace of fine sand		
6.5cm ~~22cm~~	gray clay layer		
	Difficult to obtain coordinates close to shore & trees along shore		

Sampler Initials: CAG, SEM, WAH

316036

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Brown Stone	BS-08F-11A	7/20/98 1430	Hazy Humid 5 Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
61"	Push	☒ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
64cm	44cm 39	Northing/Lat. = 160403~~8~~.7 Easting/Long. = 7332~~9~~~~8~~ W 97.6 CQ=3.4	

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1440 0-2	DK. BROWN SILT W, SOME ORGANIC MATTER, SAND & trace of Gravel		
1443 2.5	DK Brown Silt w, Some organic matter & SAND		
5cm WTR ~~39cm~~	GRAY clay LAYER face		

Sampler Initials: CAG, SEM, WAM

316037

61 C. C45

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scope	BS-08F-201	8/24/98 1305	Hazy Sunny
Water Depth	**Core Type**	**Core to be Composited?**	
5.2 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
53 cm	32 cm	Northing/Lat. = 1604560.1 Easting/Long. = 734034.1 CG = 5.3	

Core Section Interval		Visual Description	Grain Size	Comments
1310	0-2	Fine Brown Sand w, some silt		
1312	2-5	Fine Brown Sand w/ wood slivers trace		

BS-08F-200 DUPLICATE ID:
BS-DUP-KWB
COLLECT ORIGINAL & DUPLICATE AS ONE ALIQUOT PER CONTAINER

Sampler Initials: CAG, KWB

(WATER)

316038

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Blood Sonde	BS-08F-202	8/24/98 1335	HAZY
Water Depth	**Core Type**	**Core to be Composited?**	
5.6 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
57 cm	31 cm	Northing/Lat. = 1604492.1 Easting/Long. = 734102.7	CG = 2.4'

Core Section Interval		Visual Description	Grain Size	Comments
0-2	1340	FINE BROWN SILT W/ TRACE SAND & ORGANIC MATTER		
2.5	1342	FINE BROWN SILT W/ SOME FINE SAND		

Sampler Initials: CAG, KWB, WAA

612.C47

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Slake	BS-08F-203	8/24/98 14:10	Hazy
Water Depth	**Core Type**	**Core to be Composited?**	
5.5 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
82 cm	34 cm	Northing/Lat. = 1604442 Easting/Long. = 734150.7 CQ = 3.3	

Core Section Interval	Visual Description	Grain Size	Comments
0-2 14/12	FINE BROWN SILT W, FINE SAND & SOME ORGANIC MATTER		
2-5 14/15	SAME W, LESS ORGANIC MATTER		
	GPS interference from Trees		

Sampler Initials: CAG, KWB, WAM

316040

6 1 C 4 7

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7 Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-00F-304	6/24/98 1429	HAZY
Water Depth	**Core Type**	**Core to be Composited?**	
5.0 ft	PUSH	☒ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
89 cm	39 cm	Northing/Lat. = 1604398.9 Easting/Long. = 734197.0	CG = 3.2

Core Section Interval		Visual Description	Grain Size	Comments
0-2	1430	Aquatic plant material at surface FINE BROWN SILT W, ORGANIC MATERIAL		
2-5	1433	FINE BROWN SILT W, TRACE ORGANIC MATTER		

Sampler Initials: CAL, KWB, WAR

316041

612.C45

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7 Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCOPE	TI-08F-205	8/24/98	HAZY T-STORMS TO WEST
Water Depth	**Core Type**	**Core to be Composited?**	
5.1 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
78 cm	22 cm	Northing/Lat. = 1604349.3 Easting/Long. = 734230.5	CA-3.7

Core Section Interval	Visual Description	Grain Size	Comments
0-2 1450	FINE BROWN SILTS SHALE FRAGMENTS, ORGANIC MATTER, TWIGS		
2-5 1454	FINE BROWN SILTS & ORGANIC MATTER LESS SHALE MATTER.		

Sampler Initials: CAG, KWB, WAA

316042

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General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-08F-206	6/24/98 17:00	HAZY
Water Depth	**Core Type**	**Core to be Composited?**	
4.8 Ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
69cm	37cm	Northing/Lat. = 160302 Easting/Long. = 734274 CO:3.1	

Core Section Interval	Visual Description	Grain Size	Comments
1705 0-2	FINE BROWN SILT & ORGANIC MATTER		
1707 2-5	SAME		

Sampler Initials: CAE, EWB, WAM

316043

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-08F-207	8/24/98 1720	Sunny
Water Depth	**Core Type**	**Core to be Composited?**	
5.4 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
63cm	28cm	Northing/Lat. = 1604248.2 Easting/Long. = 73431.8	CA = 3.4

Core Section Interval		Visual Description	Grain Size	Comments
0-2	1725	Fine Brown Silt Organic Matter some Algae		
2-5	1727	Fine Brown Silt w/ some white flecks & trace Organic Matter & some wood & shell fragments & a wood chip		

Sampler Initials: CAG, KWB, WAT

316044

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SLOPE	BS-00F-208	9/24/98 17:40	SUNNY
Water Depth	**Core Type**	**Core to be Composited?**	
5.6 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
71 cm	17 cm	Northing/Lat. = 160 4185.9 Easting/Long. = 734366.4	CG 2.0

Core Section Interval	Visual Description	Grain Size	Comments
1745 0-2	FINE BROWN SILT W/ SOME AQUATIC PLANT MATERIAL GREEN GRASSY ORGANIC MATTER		
1747 2-5	SAME		

Sampler Initials: CA. KWB. WAT

GIC.045

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-08F-209	8/24/98 1755	SUNNY
Water Depth	**Core Type**	**Core to be Composited?**	
7.0 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
47cm	26cm	Northing/Lat. = 1604119.8 Easting/Long. = 734383.7	CG=2.0

Core Section Interval		Visual Description	Grain Size	Comments
0-2	1600	FINE BROWN SILT, ORGANIC MATTER, WOOD CHIPS, WHITE FLECKS		
2-5	1603	SAME W, TRACE OF MEDIUM SAND		
		SAMPLE COLLECTED NEXT TO BOAT & DOCK		

Sampler Initials: CAG, KWB, WAA

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SLOPE	~~8/24/98~~ BS-08F-210 WAR.	8/24/98 18:15	SUNNY
Water Depth	**Core Type**	**Core to be Composited?**	
6.7 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
39cm	24cm	Northing/Lat. = 1604067.3 Easting/Long. = 734426.3	CG-2.4

Core Section Interval		Visual Description	Grain Size	Comments
0-2	18:20	FINE BROWN SILT W, TRACE OF GRAVEL & WHITE FLECKS SOME ORGANIC MATTER, WOOD CHIPS		
2-5	18:22	SAME EXCEPT IN LOWER PORTION SOME COARSE BROWN SAND		
8cm		GRAVEL LAYER BEGINS		

Sampler Initials: CAG KWB, LWAT

316047

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Blood Screw	BS08F-301	8/25/98 0935	Sunny
Water Depth	**Core Type**	**Core to be Composited?**	
3.7ft	Posit	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
17cm	10cm	Northing/Lat. = 1603326.4 Easting/Long. = 735125.5	CG = 2.5'

Core Section Interval	Visual Description	Grain Size	Comments
0-2 0940	Fine Brown Silt w/ Aquatic Vegetation Matter		
2-5 0942	Fine Brown Silt w, root material		

Sampler Initials: CAG, KWB, [illegible]

316048

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Sleeve	BS-08F-302	8/25/98 10:00	Sunny
Water Depth	**Core Type**	**Core to be Composited?**	
5.8ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
76cm	9cm	Northing/Lat. = 1603204.8 hmm Easting/Long. = 735204.4 hmm CG=2.1	

Core Section Interval	Visual Description	Grain Size	Comments
0 - 2 100%	Fine Brown Silt w/ Trace Organic Matter, Poor		
2 - 5 100%	Same		

Sampler Initials: CAF KLB WAH

612.C4y

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	TS-08F-303	8/25/98 1030	SUNNY W, SOUTH WIND
Water Depth	**Core Type**	**Core to be Composited?**	
10.6 ft	PUSH	☒ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
57 cm	19 cm	Northing/Lat. = 1603095 Easting/Long. = 735260	CO = 3.5

Core Section Interval		Visual Description	Grain Size	Comments
0-2	1035	FINE BROWN SILT W, TRACE OF	ORGANIC MATTER	ROOTS
2-5	1037	SAME		

Sampler Initials: CAG, KWB, WAT

316050

612.247

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS00F-304	8/25/98 1305	SUNNY W/ SOUTH WIND
Water Depth	**Core Type**	**Core to be Composited?**	
6.4 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
87 cm	55cm	Northing/Lat. = 1603048 Easting/Long. = 735370	CO-2.6

Core Section Interval	Visual Description	Grain Size	Comments
0-2 1310	FINE BROWN SILT W, SOME ORGANIC MATERIAL - ROOTS		
2-5 1314	FINE BROWN SILT W, SOME ORGANIC MATERIAL - ROOTS & GRAVEL		

Sampler Initials: CAG KW B. LWA

316051

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-08F-305	8/25/98 1340	Cloudy & Calm
Water Depth	**Core Type**	**Core to be Composited?**	
2.7 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
56 cm	26 CM	Northing/Lat. = 1602965 Easting/Long. = 735504	CQ = 2.5

Core Section Interval	Visual Description	Grain Size	Comments
0-2 1346	FINE BROWN SILT W/ SOME ORGANIC MATTER - ROOTS & WHITE FLECKS		
2-5 1347	SAME		
	T-STORMS IN DISTANCE		

Sampler Initials: CAE KWB ~~WAA~~

316052

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Brown Slime	BS-08F-306	8/25/98 15:40	Cloudy & Calm
Water Depth	**Core Type**	**Core to be Composited?**	
6.1 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
70cm	31cm	Northing/Lat. = 1602855 Easting/Long. = 735563	CG = 2.2

Core Section Interval		Visual Description	Grain Size	Comments
0-2	1545	Brown silt and fine sand w/ trace organic matter & white flecks		
2-5	1547	Fine brown silt sand w/ trace organic matter & white flecks (same as above)		
		Red pigment, woodchips, odor noted in lower portion of core		

Sampler Initials: CAG KWB WAA

316053

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	TS-08F-307	6/25/98 1555	SUNNY W/ CLOUDS
Water Depth	**Core Type**	**Core to be Composited?**	
3.6 ft	RUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
63cm	23cm	Northing/Lat. = 1602759 Easting/Long. = 735669	CG = 2.3

Core Section Interval	Visual Description	Grain Size	Comments
0 - 2 1600	STONE FLY IDENTIFIED BY KWB IN SURFACE OF CORE BROWN FINE SILT &, TRACE GRAVEL & ORGANIC MATERIAL.		
2 - 5 1602	FINE BROWN SILT W, SOME GRAVEL, ROOTS, TWIG, WORM		

Sampler Initials: CAG, KWB, WAA

316054

(1C-CT)

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-08F-308	8/25/98 1620	SUNNY & BREEZY
Water Depth	**Core Type**	**Core to be Composited?**	
4.8 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
67cm	48cm	Northing/Lat. = 1602636 Easting/Long. = 735768	CG = 2.4

Core Section Interval	Visual Description	Grain Size	Comments
0-2 1625	FINE BROWN SILT W, TRACE ORGANIC MATTER		
2-5 1627	FINE BROWN SILT W, TWIGS & LEAVES, PIECE OF GRAVEL		

Sampler Initials: CAG, ICWB, WAA

316055

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	~~TS~~-08F-309 BROAD SCALE	8/25/98 1640	SUNNY & S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
3.0 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
34 cm	12 cm	Northing/Lat. = 1602584 Easting/Long. = 735825	Ca = 2.3

Core Section Interval	Visual Description	Grain Size	Comments
0-2 1645	FINE BROWN SANDY SILT W, ORGANIC MATTER, PLANT MATERIAL. WHITE FLECKS		
2-5 1647	SAME		
	FRONT OF BOAT AT WATERS EDGE - ROCK BREAK WALL		

Sampler Initials: CAG, KMB CLAA

316056

(1C.C4)

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-08F-310	8/25/98 1705	Sun & Breeze & Clouds
Water Depth	**Core Type**	**Core to be Composited?**	
10.9 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
63cm	45cm	Northing/Lat. = 1602525 Easting/Long. = 735797	EQ=2.3

Core Section Interval	Visual Description	Grain Size	Comments
0-2 1710	Wood chip at surface Fine Brown Silt w/ wood chips, twigs		
2-5 1712	Fine Brown Silt & Sand w/ some wood chips		
10cm	Lighter (Brown Sand Layer interface		
	Location is South of BS-08F-309 and Approx 50 from shore		

Sampler Initials: CAG, KWB, LNAA

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-10C-201	7/21/98 1420	MOSTLY CLOUDY
Water Depth	**Core Type**	**Core to be Composited?**	
13.3 ft	PONAR GRAB	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 160484.8 Easting/Long. = 736051.9	CQ = 3.0

Core Section Interval	Visual Description	Grain Size	Comments
	SHELL FRAGMENTS & COARSE BROWN SAND		

Sampler Initials: CAG, SEM, WAT

316058

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-100 202	7/21/98 1440	Mostly cloudy
Water Depth	**Core Type**	**Core to be Composited?**	
15.2 ft	Ponar Grab	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 160067.7 Easting/Long. = 736390.5	CO=2.8

Core Section Interval	Visual Description	Grain Size	Comments
	Mostly Gravel some fine sand		

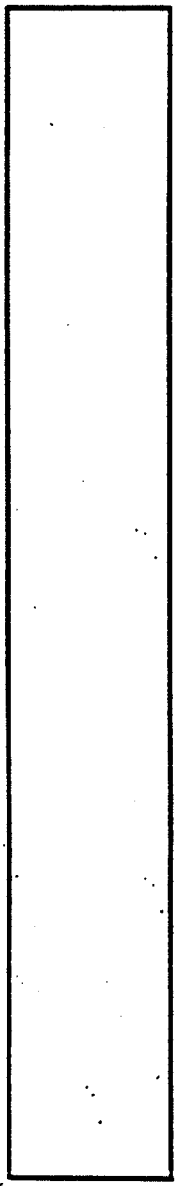
Sampler Initials: CMD, SEM, WAH

316059

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-10C-203	7/21/98 1500	Clouds- Humid Calm
Water Depth	**Core Type**	**Core to be Composited?**	
13.9 ft	Ponar Grab	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 159921.9 Easting/Long. = 736518.6	CQ 3.1

Core Section Interval	Visual Description	Grain Size	Comments
	Fine Brown Sand w/ Trace of Shells		

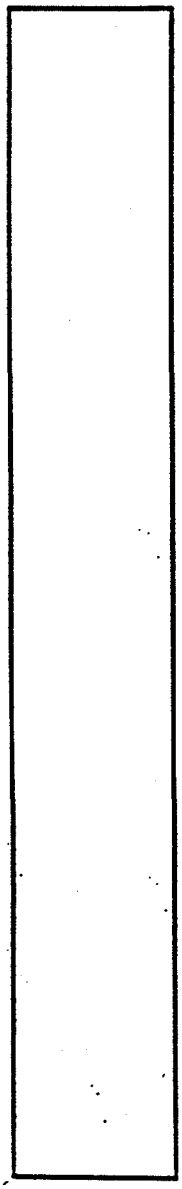
Sampler Initials: CAG, SEM, WAR

316060

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-10C-204	7/21/98 1510	CLOUDY 5 BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
17.2 ft	POWER GRAB	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 159964.5 Easting/Long. = 736830.4	CB=2.4

Core Section Interval	Visual Description	Grain Size	Comments
	BROWN FINE	SAND & SHALE	FRAGMENTS, GRAVEL
	3 GRABS —	ROCKS, SHALE	DISCARD

Sampler Initials: CMC SEM CWA

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612-245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Sloe	BS-10C-205	7/21/98 1625	Clouds & Sun 5 Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
13.5	Ponar Grab	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 15987~~45~~ 43.6 WAS Easting/Long. = 73693~~44~~ 4.2 WAS CGS	

Core Section Interval	Visual Description	Grain Size	Comments
	Gravel w/ some fine Sand		

Sampler Initials: CAG, SEM, WATT

316062

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

6.2.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-10F101	7/13/98 1325	SUN & CLOUDS HOT, SWIND
Water Depth	**Core Type**	**Core to be Composited?**	
~2' ft	PUSH CORE	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
67cm	39cm	Northing/Lat. = 160375.5 Easting/Long. = 735819.3	CG=1.9

Core Section Interval	Visual Description	Grain Size	Comments
1335 0-2cm	FINE WET BROWN SILT		
1340 2-5cm	FINE MOIST BROWN SILT		

Sampler Initials: WATT JWM, CAG

316063

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scope	BS-10T-102	7/13/98 1415	Sun & Clouds Hot, S Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
~3ft	Push Core	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
124cm	17cm	Northing/Lat. = 1600187.3 Easting/Long. = 735875.1	CQ = 3.3

Core Section Interval	Visual Description	Grain Size	Comments
Time 1420 0-2	Fine Brown Wet Silt		
1425 2-5	Fine Brown Moist Silt		

Sampler Initials: CAG, JWM

316064

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-10T-103	7/13/98 1440	SUN & CLOUD
Water Depth	**Core Type**	**Core to be Composited?**	
~ 9 ft	PUSH CORE	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
NOT MEASURED	~ 43cm	Northing/Lat. = 1599936.4 Easting/Long. = 736040.1	CO-49

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1445 0-2 1450 2-5	~~WET~~ FINE BROWN SILT MOIST FINE BROWN SILT & SAND		

Sampler Initials: CAG, JMM

CMM

316065

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612-245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broadstone	BS-10T-104	7/13/98 1515	Sun & Clouds 5 Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
~3ft	Push Core	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
62cm	19cm	Northing/Lat. = 1699869.2 Easting/Long. = 735986.7	CQ=2.9

Core Section Interval	Visual Description	Grain Size	Comments
Time 1520 0-2cm	WET LOOSE FINE SILT-BROWN		
1523 2-5cm	WET FINE BROWN SILT		
	SOME LOSS OF LOWER DEPTH OF CORE DUE TO LOOSENESS OF SAMPLE. DID NOT IMPACT 0-2, 2-5cm SAMPLES		

Sampler Initials: CAG, JWM

316066

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.745

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SLOUGH	BS-10T-105	7/13/98 1545	SUNNY CLOUDS LIGHT S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~10'	PUSH CORE	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
41cm	26cm	Northing/Lat. = 1559779.6 Easting/Long. = 736053.2	CG=3.0

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1350 0-2	WET FINE BROWN SILT W, TWIG		
1353 2-5	MOIST BROWN SILT		

Sampler Initials: JWM, CAC

316067

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-10T-106	7/13/98 1610	SUN & CLOUDS CALM-LIGHT S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~14.5'	PUSH CORE	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
89cm	37cm	Northing/Lat. = 1599678.5 Easting/Long. = 736078.9 . CQ=2.4	

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1615 0-2cm	WET FINE BROWN SILT		
1617 2-5cm	MOIST FINE BROWN SILT		

Sampler Initials: JWM, CAG

316068

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-SOS-107	7/13/98 1640	SUNY CLOUDS CALM - LIGHT S. BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~8'	PUSH CORE/ POWER DREDGE	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 1599546.4	
		Easting/Long. = 736248.3	CO=2.6

Core Section Interval	Visual Description	Grain Size	Comments
	NO SEDIMENTS FOUND - UNABLE TO COLLECT CORE - USED POWER DREDGE 1ST TRY - FOUR ROCKS 2ND - NO SAMPLE 3RD - ROCKS		DISCARDED

Sampler Initials: JWM, CAG

316069

612.24

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-407	7/16/98 19:00	SUN & HAZE
Water Depth	**Core Type**	**Core to be Composited?**	
14 ft	PUSH GRAB	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. = 15968.44.1	
		Easting/Long. = 736916.9	CO=2.4

Core Section Interval	Visual Description	Grain Size	Comments
TIME / 1905 0-2 / 1910 2-5	NO SAMPLE COLLECTED ROCK BOTTOM – TRIED 3 POINTS 3X 1ST – CLAM RECOVER 2ND – WOOD CHIPS 3RD – NO SAMPLES		

Sampler Initials:

316070

612.24

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-14C-402	7/16/98 1814	Sun & Haze
Water Depth	**Core Type**	**Core to be Composited?**	
5.2 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
53cm	19cm	Northing/Lat. = 1596400.3 Easting/Long. = 736953.6	

Core Section Interval	Visual Description	Grain Size	Comments
Time ~~1815~~ 1815 0-2 1820 2-5	Fine Aquatic grass on surface clean Brown Sand w/ some fine silt and organic matter Fine Brown sand w/ some organic matter including twigs		Clam discarded

WAA

Sampler Initials: CAG, JWM

WAA

316071

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

C12.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Blood	BS-14C-4/03	7/16/98 17:50	Sun & Haze
Water Depth	**Core Type**	**Core to be Composited?**	
3.9 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
~~49cm~~ 52cm WAA	51cm	Northing/Lat. = 1595806 ft Easting/Long. = 737202 ft	CQ = 2.6

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1755 0-2cm	Dark Brown Silt w/ some fine sand & organic material		Clam Discarded
17:57 2-5cm	Same more organic material, roots & aquatic grass		

Sampler Initials: CAS, JWM

WAA

316072

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-404	7/16/98 12:15	SUN & HAZE HUMID, S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~5 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
30cm	20cm	Northing/Lat. = 1595612.2 Easting/Long. = 737274 3	CG-2.6

Core Section Interval	Visual Description	Grain Size	Comments
TIME			
1220 0-2	WET BROWN FINE SAND & SILT		
1223 2-5	WET BROWN FINE SAND & SILT W/ SOME ORGANIC MATTER		

Sampler Initials: CAG, JWM

CWM

316073

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-405	7/16/98 1145	SUN & HAZE HUMID, LIGHT S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
5.4 ft	PUSH	☒ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
32cm	25cm	Northing/Lat. = 1595436.3 Easting/Long. = 737322.8	CG = 2.7

Core Section Interval	Visual Description	Grain Size	Comments
JWM 1155 0-2cm	MOIST FINE BROWN SILT & SAND		
1157 2-5cm	FINE BROWN SILT & SAND		

Sampler Initials: CAG, JWM

316074

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-501	7/22/98 16:08	FAIR, 90°, HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
3.6'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
23 cm	16 cm	Northing/Lat. = 1594821 Easting/Long. = 737284	CQ = 3.0

Core Section Interval	Visual Description	Grain Size	Comments
16:12 0-2cm	SILTY FINE BROWN SAND		
16:15 2-5 cm	SAME AS ABOVE, LESS SILT, WOOD CHIP		

Sampler Initials: CAB, SEM, MDL

316075

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

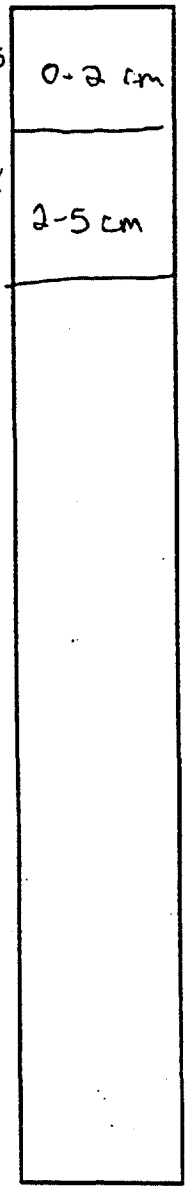
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-502	7/22/98 16:25	FAIR, 90°, HUMID

Water Depth	Core Type	Core to be Composited?
4.9	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = 1594725 CR = 4.1 Easting/Long. = 737849

Core Section Interval	Visual Description	Grain Size	Comments
16:35 0-2 cm	SILTY FINE BROWN SAND W/EEL GRASS		
16:38 2-5 cm	SILTY FINE BROWN SAND W/ROOTS		



Sampler Initials: CAG, SEM, MDL

316076

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

.612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-503	7/22/98 16:40	FAIR, 90° HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
1.8'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
29 cm	9 cm	Northing/Lat. = 1594679 Easting/Long. = 237214	CQ = 3.2

Core Section Interval	Visual Description	Grain Size	Comments
16:46 0-2 cm	SILTY FINE BROWN SAND W/EEL GRASS		ADJACENT TO SANDY BANK
16:49 2-5 cm	SILTY FINE BROWN SAND W/ROOTS		

Sampler Initials: CAG, SEM, MDL

316077

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	B5-14C-504	7/22/98 15:50	FAIR, 90°, HUM. D

Water Depth	Core Type	Core to be Composited?
3.1	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
51 cm	42 cm	Northing/Lat. = 1594581 CQ = 3.3 Easting/Long. = 737177

Core Section Interval	Visual Description	Grain Size	Comments
16:58 0-2cm	SILTY FINE BROWN SAND W/EEL GRASS		
17:01 2-5cm	SILTY FINE BROWN SAND W/ROOTS		

Sampler Initials: CAG, SEM, MBL

316078

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

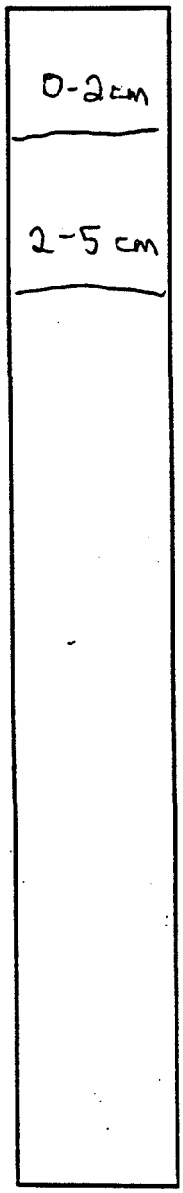
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-505	7/22/98 17:02	FAIR, 90° HUMID

Water Depth	Core Type	Core to be Composited?
4.4'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
60 cm	41 cm	Northing/Lat. = 1594474 CQ = 2.7 Easting/Long. = 737125

Core Section Interval	Visual Description	Grain Size	Comments
17:07 0-2 cm	SILTY FINE BROWN SAND W/ORGANIC MATTER, AQUEOUS		
17:10 2-5 cm	SILTY FINE BROWN SAND, MUSSEL, ROOTS		MUSSEL DISCARDED



Sampler Initials: CAB, SEM, MDL

316079

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

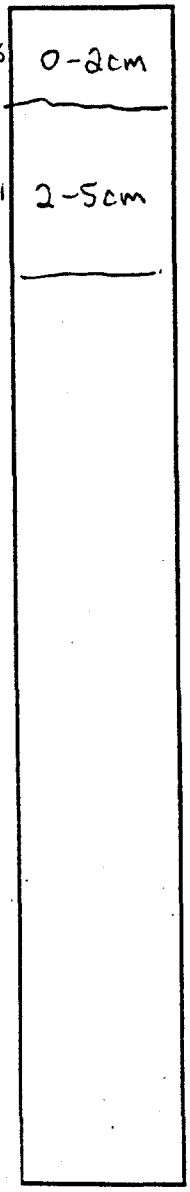
612.295

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-506	7/22/98 17:20	FAIR, 90° HUMID

Water Depth	Core Type	Core to be Composited?
1.3'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
20 cm	MDL 8.9 cm	Northing/Lat. = 1593672 CB = 3.6 Easting/Long. = -36619

Core Section Interval	Visual Description	Grain Size	Comments
17:28 0-2cm	FINE BROWN SAND W/ ROOTS		
17:31 2-5cm	(SAME AS ABOVE)		



Sampler Initials: CAG SEM, MDL

316080

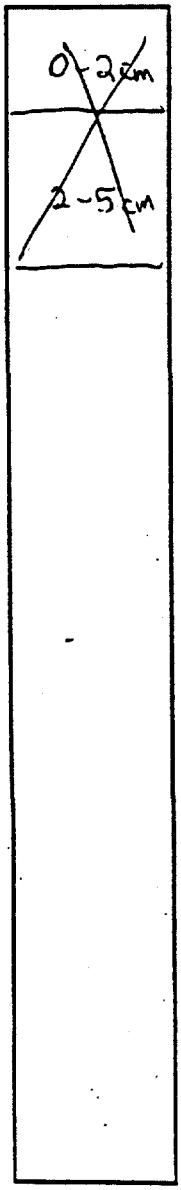
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

-612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14C-507	7/22/98 17:40	FAIR, HUMID, 90°

Water Depth	Core Type	Core to be Composited?
	~~PUSH~~ GRAB (MDL)	☐ Yes (MDL) ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
—	—	Northing/Lat. = 1593655 CQ=2.2 Easting/Long. = 736853

Core Section Interval	Visual Description	Grain Size	Comments
	BROWN SAND AND GRAVEL		ARCHIVE ONLY (NOT INCLUDED IN COMPOSITE)

Sampler Initials: CAG, SEM, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14F-201	7/23/98 13:00	OVERCAST, 70°
Water Depth	**Core Type**	**Core to be Composited?**	
7.1'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
~~76~~ cm	31 cm	Northing/Lat. = 1597427 Easting/Long. = 737281	CQ = 2.4

Core Section Interval	Visual Description	Grain Size	Comments
13:07 0-2 cm	BROWN SILT w/ LITTLE FINE SAND		
13:10 2-5 cm	SAME AS ABOVE		

Sampler Initials: CAG, SEM, MDL

316082

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14F-202	7/23/98 13:25	OVERCAST, 70°
Water Depth	**Core Type**	**Core to be Composited?**	
8.7'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
78 cm	26 cm	Northing/Lat. = 1596547 CQ = 3.3 Easting/Long. = 737593	

Core Section Interval	Visual Description	Grain Size	Comments
13:30 0-2cm	BROWN SILT W/ LITTLE FINE SAND		
13:33 2-5cm	SAME AS ABOVE W/ ORGANIC MATTER		

Sampler Initials: CAG, SEM, MDL

316083

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14F-203	7/23/98 13:40	OVERCAST, 70°F
Water Depth	**Core Type**	**Core to be Composited?**	
5.3'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
52 cm	16 cm	Northing/Lat. = 1596144 Easting/Long. = 737819	CQ = 4.3

Core Section Interval	Visual Description	Grain Size	Comments
13:47 0-2 cm	BROWN SILT w/ LITTLE FINE SAND		
13:50 2-5 cm	BROWN SILT w/ ORGANIC MATTER (EEL GRASS)		

Sampler Initials: CAG, SEM, MDL

316084

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14F-204	7/23/98 14:05	PARTLY SUNNY, 80°

Water Depth	Core Type	Core to be Composited?
10.1'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
73 cm	10 cm	Northing/Lat. = 1595822 Easting/Long. = 737914 CQ = 3.0

Core Section Interval	Visual Description	Grain Size	Comments
14:12 0-2cm	BROWN SILT w/ LITTLE FINE SAND		
14:15 2-5cm	SAME AS ABOVE w/ LEAF		

Sampler Initials: CAG, SEM, MDL

316085

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14F-205	7/23/98 14:24	PARTLY SUNNY, 80°

Water Depth	Core Type	Core to be Composited?
10.2	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
74 ~~73~~ cm (MDL)	30 ~~10~~ cm (MDL)	Northing/Lat. = 15956608 Easting/Long. = 737920 CQ = 2.8

Core Section Interval	Visual Description	Grain Size	Comments
14:30 0-2 cm	BROWN SILT w/ LITTLE FINE SAND SOME ROOTS		
14:33 2-5 cm	SAME AS ABOVE w/ (MDL) ~~LEAF~~ WOOD CHIPS AND ROOTS		

Sampler Initials: CAG, SEM, MDL

316086

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14F-20a	7/23/98 14:38	PARTLY SUNNY, 80°F
Water Depth	**Core Type**	**Core to be Composited?**	
5.3'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
40 cm	11 cm	Northing/Lat. = 1595527 Easting/Long. = 737960	CR = 3.0

Core Section Interval	Visual Description	Grain Size	Comments
14:43 0-2 cm	BROWN SILT w/ LITTLE FINE SAND, WOOD CHIPS, ROOTS		
14:46 2-5 cm	SAME AS ABOVE		

Sampler Initials: CAG, SEM, MDL

316087

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14F-207	7/23/98 14:55	PARTLY SUNNY, 80°F

Water Depth	Core Type	Core to be Composited?
11.2'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
40 cm	20 cm	Northing/Lat. = 1595469 Easting/Long. = 737865 CQ = 3.0

Core Section Interval	Visual Description	Grain Size	Comments
14:59 0-2 cm	BROWN SILTY FINE SAND w/ WOOD CHIPS		
15:02 2-5 cm	SAME AS ABOVE, w/ LEAF		

Sampler Initials: CAG, SEM, MBL

316088

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BREAD SCALE	BS-14F-208	7/23/98 15:10	OVERCAST, 75°F

Water Depth	Core Type	Core to be Composited?
10.8'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
30 (MDL) ~~40~~ cm	21 cm	Northing/Lat. = 1595395 Easting/Long. = 737918 CQ = 3.1

Core Section Interval	Visual Description	Grain Size	Comments
15:15 0-2 cm	BROWN SILT, LITTLE FINE SAND		
15:18 2-5 cm	SAME AS ABOVE		

Sampler Initials: CAG, SEm, MDL

316089

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14F-209	7/23/98 15:22	OVERCAST, 75°F

Water Depth	Core Type	Core to be Composited?
12.2'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
51 cm	21 cm	Northing/Lat. = 159526 Easting/Long. = 737862 CQ = 2.5

Core Section Interval	Visual Description	Grain Size	Comments
15:28 0-2 cm	SILTY FINE BROWN SAND		
15:31 2-5 cm	SAME AS ABOVE, W/ LEAF		

Sampler Initials: CAG, SEM, MBL

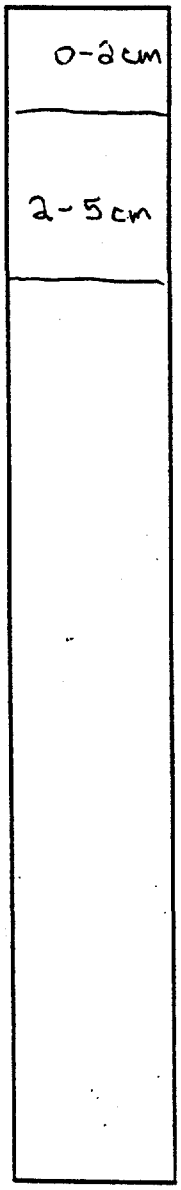
316090

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-101	7/23/98 9:00	OVERCAST, 70°
Water Depth	**Core Type**	**Core to be Composited?**	
10.2	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
34 cm	23 cm	Northing/Lat. = 1596257 Easting/Long. = 637698	CQ = 2.4

Core Section Interval	Visual Description	Grain Size	Comments
9:08 0-2 cm	SILTY FINE BROWN SAND, LITTLE ORGANIC MATTER		BLIND DUP. # 1 COLLECTED FROM BS-14T-100 ☒ 2-5 cm (MDL)
9:11 2-5 cm	FINE BROWN SAND		



Sampler Initials: CAG, SEM, MDL

316091

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-102	7/23/98 9:25	OVERCAST, 70°F

Water Depth	Core Type	Core to be Composited?
6.9'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
31 cm	15 cm	Northing/Lat. = 159191 Easting/Long. = 737510 CQ=2.0

Core Section Interval	Visual Description	Grain Size	Comments
9:30 0-2 cm	SILTY FINE BROWN SAND W/ EEL GRASS		
9:33 2-5 cm	BROWN FINE SAND W/ ROOTS, LITTLE GRAVEL		

Sampler Initials: CAG, SEM, MBL

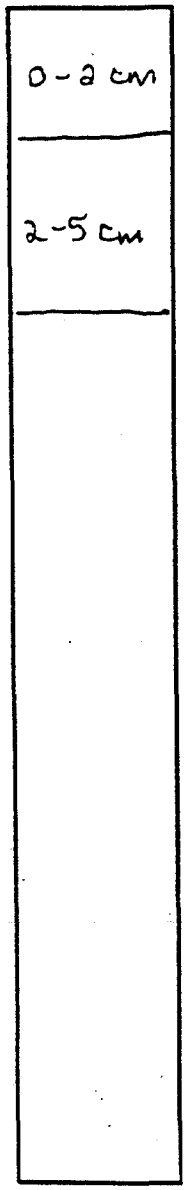
316092

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-103	7/23/98 9:45	RAIN, 70°
Water Depth	**Core Type**	**Core to be Composited?**	
6.3'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
47 cm	27 cm	Northing/Lat. = 1596024 Easting/Long. = 737594	CQ = 2.5

Core Section Interval	Visual Description	Grain Size	Comments
9:47 0-2 cm	FINE BROWN SAND W/ORGANIC MATTER		
9:50 2-5 cm	FINE BROWN SAND W/ROOTS		



Sampler Initials: CAG, SEM, MDL

316093

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

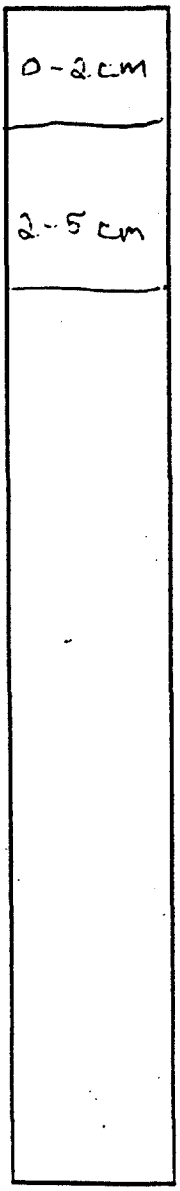
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-104	7/23/98 10:00	RAIN, 70°

Water Depth	Core Type	Core to be Composited?
6.3	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
27 cm	19 cm	Northing/Lat. = 1595853 CQ = 3.0 Easting/Long. = 737652

Core Section Interval	Visual Description	Grain Size	Comments
10:07 0-2 cm	SILTY FINE BROWN SAND		
10:10 2-5 cm	FINE BROWN SAND, WOOD CHIP		



Sampler Initials: CAG SEM, MBL

316094

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-105	7/23/98 10:18	RAIN, 70° F

Water Depth	Core Type	Core to be Composited?
9.6'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
57 cm	48 cm	Northing/Lat. = 1595741 Easting/Long. = 737799 CQ = 3.2

Core Section Interval	Visual Description	Grain Size	Comments
10:23 0-2 cm	SILTY, FINE BROWN SAND		
10:26 2-5 cm	FINE BROWN SAND		

Sampler Initials: CAG, SEM, MDL

316095

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-106	7/23/98 10:40	RAIN, 70°F

Water Depth	Core Type	Core to be Composited?
7.5	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
35 cm	19 cm	Northing/Lat. = 1595682 Easting/Long. = 737618 CQ 2.6

Core Section Interval	Visual Description	Grain Size	Comments
10:48 0-2 cm	SILTY, FINE BROWN SAND		
10:51 2-5 cm	FINE BROWN SAND		

Sampler Initials: CAE, SEM, MDL

316096

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-107	7/23/98 10:55	RAIN, 70°

Water Depth	Core Type	Core to be Composited?
9.2	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
52 cm	33 cm	Northing/Lat. = 1595593 Easting/Long. = 737798 CQ = 2.2

Core Section Interval	Visual Description	Grain Size	Comments
11:03 0-2 cm	SILTY FINE BROWN SAND		
11:06 2-5 cm	FINE BROWN SAND		

Sampler Initials: CAG, SEM MDL

316097

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

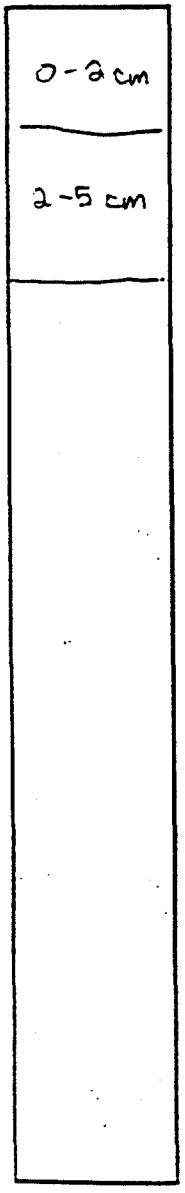
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	GS-14T-108	7/23/98 11:10	RAIN, 70°

Water Depth	Core Type	Core to be Composited?
7.7'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
49 cm	25 cm	Northing/Lat. = 1595576 Easting/Long. = 737648 CQ = 2.0

Core Section Interval	Visual Description	Grain Size	Comments
11:18 0-2 cm	SILTY FINE BROWN SAND		≈ 10 cm SEDIMENT OVER SAWDUST LAYER SHEEN VISIBLE
11:21 2-5 cm	SAME AS ABOVE		



Sampler Initials: CAG, SEM, MDL

316098

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-109	7/23/98 11:30	RAIN, 70°

Water Depth	Core Type	Core to be Composited?
10.3'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
15 cm	8 cm	Northing/Lat. = 1595491 CQ = 2.0 Easting/Long. = 737600

Core Section Interval	Visual Description	Grain Size	Comments
11:35 0-2 cm	FINE BROWN SAND		≈ 5 cm ABOVE WOODCHIP LAYER, SHEEN VISIBLE
11:38 2-5 cm	MED. BROWN SAND		

Sampler Initials: CAB, SEM, MDL

316099

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-110	7/29/98 11:50	RAIN, 70°F
Water Depth	**Core Type**	**Core to be Composited?**	
8.9'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
63 cm	40 cm	Northing/Lat. = 1595428 Easting/Long. = 737764	CQ = 2.4

Core Section Interval	Visual Description	Grain Size	Comments
11:57 0-2 cm	SILTY FINE BROWN SAND		
12:00 2-5 cm	FINE BROWN SAND		

Sampler Initials: CAG, SEM, MDL

316100

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

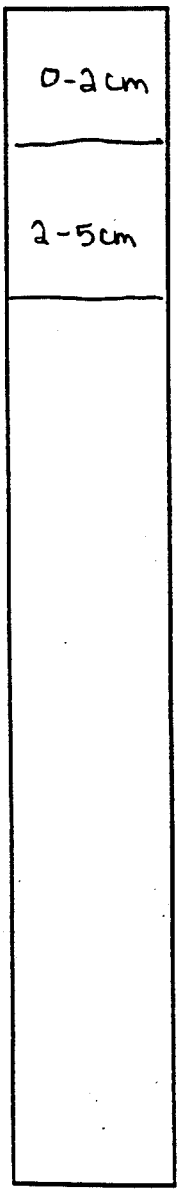
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-111	7/23/98 12:08	RAIN, 70°

Water Depth	Core Type	Core to be Composited?
11.4'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
53 cm	7 cm	Northing/Lat. = 1595324 Easting/Long. = 737613 CQ = 2.1

Core Section Interval	Visual Description	Grain Size	Comments
12:12 0-2 cm	BROWN MED. SAND AND FINE GRAVEL		
12:15 2-5 cm	SAME AS ABOVE		



Sampler Initials: CAG, SEM, MAL

316101

612.245

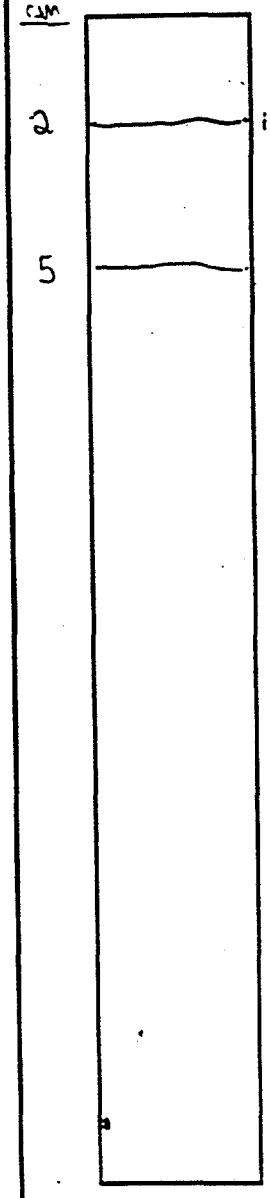
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-301	8/26/98 11:08	FAIR, 80°

Water Depth	Core Type	Core to be Composited?
12.5	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
~	2.5 cm	Northing/Lat. = 1597050 CQ = 3.0 Easting/Long. = 736853

Core Section Interval	Visual Description	Grain Size	Comments
	SHALE FRAGMENTS W/ LITTLE FINE SAND AND SILT (NOT COLLECTED)		VERY HARD BOTTOM, REPEATED ATTEMPTS TO COLLECT SMALL CORE, ~~GPS LOST RADIO LINK, SAMPLE TAKEN APPROX 5' FROM TARGET LOCATION.~~ GPS OK. MDL

Sampler Initials:

316102

.612.247

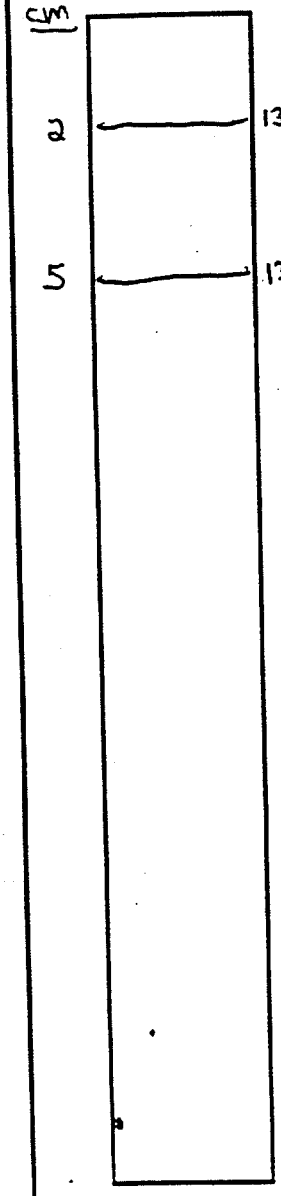
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-302	8/26/98 / 13:10	FAIR, 80°F

Water Depth	Core Type	Core to be Composited?
6.7	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
45 cm	31 cm	Northing/Lat. = 1596966 CQ = 2.8 Easting/Long. = 736843

Core Section Interval	Visual Description	Grain Size	Comments
	BROWN SILTY FINE SAND BROWN FINE SAND, LITTLE SILT + ORGANIC MATTER		

Sampler Initials: CAG, KWB MPH, MDL

612.247

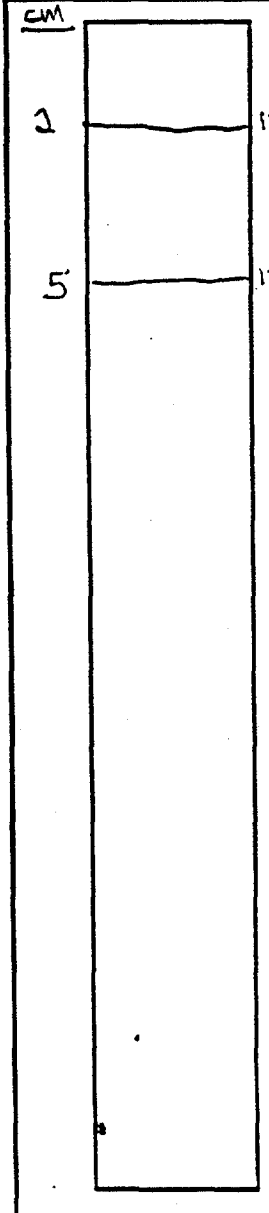
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-303	8/26/98 / 13:40	FAIR, 80°F

Water Depth	Core Type	Core to be Composited?
11.6	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
83 cm	29 cm	Northing/Lat. = 1596726 CQ = 3.7 Easting/Long. = 736923

Core Section Interval	Visual Description	Grain Size	Comments
	FINE BROWN SAND & GRAVEL, SOME WOOD CHIPS MED. TO COARSE SAND, FINE GRAVEL, FEW WOOD CHIPS		

Sampler Initials: CAG, KWB, MDK, MDL

316104

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-304	8/26/98 / 14:00	FAIR, 80°F

Water Depth	Core Type	Core to be Composited?
3.0	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
117 cm	55 cm	Northing/Lat. = 1596654 CQ = 3.7 Easting/Long. = -736895

Core Section Interval	Visual Description	Grain Size	Comments
cm 2 — 14:05 5 — 14:07	BROWN SILT, AQUEOUS FINE BROWN SILT W/ORGANIC MATTER		

Sampler Initials: CAE, KWB, MPN, MDL

316105

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-305	8/26/98 / 14:20	FAIR, 80°F

Water Depth	Core Type	Core to be Composited?
5.1	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
17 cm	8 cm	Northing/Lat. = 1596534 Easting/Long. = 736952 CQ = 3.1

Core Section Interval	Visual Description	Grain Size	Comments
cm 2 — 14:26 5 — 14:28	GRAVEL W/SILT & FINE SAND, MUSSEL SHELL SAME AS ABOVE W/ ORGANIC MATTER		

Sampler Initials: CAE KWB MAN MDL

316106

612.245

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-306	8/26/98 / 14:45	FAIR, 80°s

Water Depth	Core Type	Core to be Composited?
6.9	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
71 cm	22 cm	Northing/Lat. = 1596242 Easting/Long. = 737052 CR=2.9

Core Section Interval	Visual Description	Grain Size	Comments
cm 2 — 14:44 5 — 14:46	BROWN SILTY FINE SAND, LITTLE GRAVEL BROWN COARSE & FINE SAND, FINE GRAVEL		

Sampler Initials: CAG KWB MPH MDL

316107

612.245

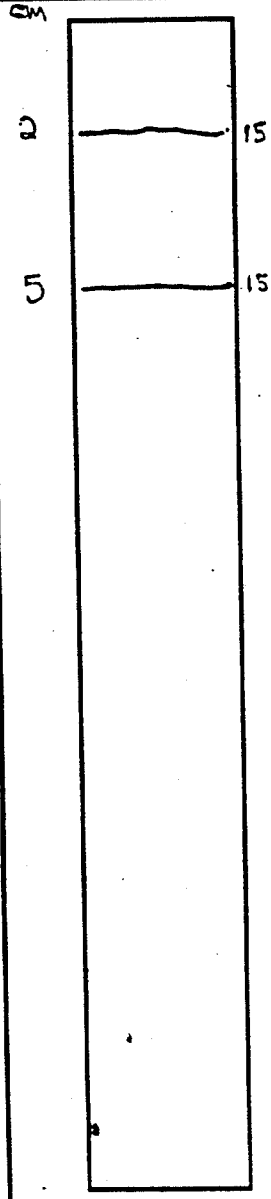
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-14T-307	8/26/98 / 15:00	FAIR, 80°F

Water Depth	Core Type	Core to be Composited?
8.1	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
55 cm	27 cm	Northing/Lat. = 1596095 CQ = 3.4 Easting/Long. = 737103

Core Section Interval	Visual Description	Grain Size	Comments
	BROWN SILT w/ SOME FINE SAND w/ ORGANIC MATTER BROWN FINE SAND w/ ORGANIC MATTER		

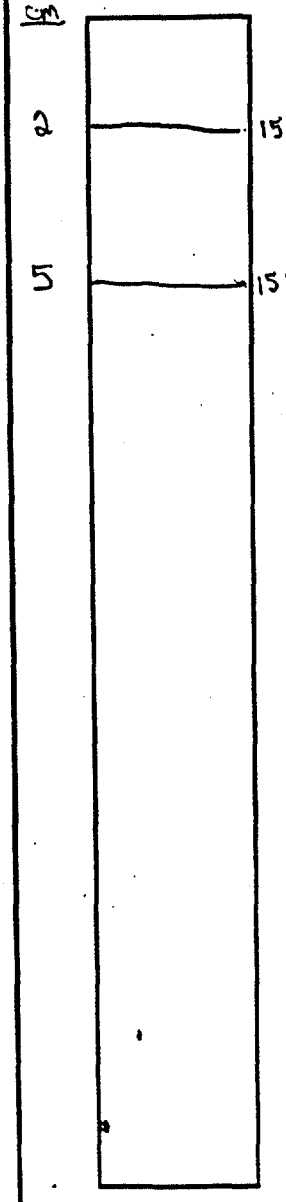
Sampler Initials: CAG KWB MPR MDL

612.247

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BREAD SCALE	BS-14T-308	8/26/98 15:20	FAIR, 80°C
Water Depth	**Core Type**	**Core to be Composited?**	
7.9'	PUSH	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
53 cm	24 cm	Northing/Lat. = 1595951 Easting/Long. = 737161	CQ = 2.2

Core Section Interval	Visual Description	Grain Size	Comments
	SILTY FINE & COARSE SAND, ORGANIC MATTER BROWN COARSE SAND W/ SOME MED. SAND		

Sampler Initials: CAG, KWB, MPH, MBL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.285

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Blood Scale	BS-14T-309	7/10/98	Sun & Clouds
Water Depth	**Core Type**	**Core to be Composited?**	
7.5 ft	Ponar Dredge	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 1598284.	
		Easting/Long. = 737154.5	ca:21

Core Section Interval	Visual Description	Grain Size	Comments
Time 1310			Push core not possible, rocky bottom, Tried Ponar Grabs:
		1310	Attempt 1 - ONE rock recovered (Disgarded)
		1312	Attempt 2 - six rocks, some cobbles (disgarded)
		1314	Attempt 3 - no sample recovered
		1316	Attempt 4 - no sample recovered

Sampler Initials: EBR, WAA

RMW

316110

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCAN	BS-145-310	7/13/98 17:30	SUN & CLOUDS LIGHT BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
47'	PUSH CORE/ DOWN DREDGE	☐ Yes ☑ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
—	—	Northing/Lat. = 1597168 Easting/Long. = 736819.9	CQ = 3.6

Core Section Interval	Visual Description	Grain Size	Comments
	NO CORE COLLECTED DOWN DREDGE 1ST GRAB - 1 CLAM 2ND GRAB - 2 ROCKS 3RD GRAB - NO SAMPLE		DISCARDED 1 CLAM

Sampler Initials: - JWM, CMG

316111

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCOUT	BS-15C-201	7/16/98 1248	SUN & HAZE
Water Depth	**Core Type**	**Core to be Composited?**	
2.1 ft	PUSH	☒ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
73cm	62cm	Northing/Lat. = 1593524.4 Easting/Long. = 736549.1	CG=3.0

Core Section Interval	Visual Description	Grain Size	Comments
1256 0-2	BROWN WET FINE SAND & SILT		
1257 2-5	BROWN MOIST FINE SAND & ORGANIC MATTER & CLAM		

Sampler Initials: CAS JWM

WAM

316112

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-15C-202	7/16/98 1345	SUN & HAZE 5 BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
41 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
24cm	11cm	Northing/Lat. = 15934670.1 Easting/Long. = 736517.6	CQ = 4.4

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1350 0-2	FINE BROWN SAND W/ SOME ORGANIC MATERIAL		
1355 2-5	FINE BROWN SAND SOME ORGANIC MATTER - TWIGS		

Sampler Initials: CAG, JWM

WAM

316113

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-15C-203	7/16/98 14:00	SUN & HAZE
Water Depth	**Core Type**	**Core to be Composited?**	
41ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
20CM	8CM	Northing/Lat. = 1593351.1 Easting/Long. = 736469.1	CB = 2.9

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1405 0-2	FINE DK BROWN SAND		
1407 2-5	FINE DK BROWN SAND		

Sampler Initials: CAG, JWM, WAH

316114

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-15C-204	7/16/98 1440	SUN & HAZE S BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~6.8 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
37cm	30cm	Northing/Lat. = 159324.5 Easting/Long. = 736415.3	CQ=3.1

Core Section Interval	Visual Description	Grain Size	Comments
1445 0-2	WET BROWN SAND W/ SOME SILT		
1447 2-5	BROWN SAND W, SOME SILT		

Sampler Initials: CAG, JWM

WBA

316115

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-SSC-205	7/16/98 15:00	SUN & HAZE
Water Depth	**Core Type**	**Core to be Composited?**	
~2.4 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
58CM	34CM	Northing/Lat. = 1592972.8 Easting/Long. = 736332.7 CG=2.6	

Core Section Interval	Visual Description	Grain Size	Comments
TIME / 1505 0-2	WET BROWN SILT W/ ORGANIC MATTER,		
1510 2-5	MOIST BROWN SILT AND FINE SAND W/ ORGANIC MATTER, ROOTS		
	SAMPLE COLLECTED FROM TRAPP BED AREA.		

Sampler Initials: CAG, JWA WATT

316116

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-15C-206	7/16/98 15:55	Sun & Haze S Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
9.6 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
43cm	27cm	Northing/Lat. = 1592790.5 Easting/Long. = 736364.1	CQ = 2.9

Core Section Interval	Visual Description	Grain Size	Comments
Time 16:00 0-2	Fine Brown Sand w/ trace organic matter		
16:03 2-5	Fine Brown Sand		

Sampler Initials: CAG, JWM

WA

316117

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Brown Scarl	BS-15C-207	7/16/98 16:20	SUN & HAZE
Water Depth	**Core Type**	**Core to be Composited?**	
~2.1 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
34cm	24cm	Northing/Lat. = 159167.3 Easting/Long. = 73126.4	CQ = 24

Core Section Interval	Visual Description	Grain Size	Comments
Time 1625 0-2	WET BROWN SILT W/ SOME ORGANIC	MATTER AND FINE SAND	
1627 2-5	BROWN SILT W/ SOME FINE	SAND	
	Sample collect green buoy to near TID	approx. in line N and house on	W/ Hill @ S.

Sampler Initials: CAG, JWM

WAT

316118

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-15C-208	7/17/98 0900	Hazy Sun
Water Depth	**Core Type**	**Core to be Composited?**	
10 ft	Posit	[Y] Yes [ ] No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
45cm	37cm	Northing/Lat. = 159152.5 Easting/Long. = 736193.8	CG=23

Core Section Interval	Visual Description	Grain Size	Comments
TIME 0907 0-2	COARSE BROWN SAND AND SOME GRAVEL W/ TWIGS		
0910 2-5	COARSE BROWN SAND W/ TRACE GRAVEL		

Sampler Initials: CAG, JWM

WKA

316119

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD	BS-15C-209	7/17/98 1030	HAZY SUN
Water Depth	**Core Type**	**Core to be Composited?**	
13.3 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
~~30cm~~ 50cm WATER	17cm	Northing/Lat. = 1591412.7 Easting/Long. = 736375.3 CG 3.0	

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1035 0-2	BROWN COARSE SAND & GRAVEL		
1037 2-5	BROWN COARSE SAND & GRAVEL (SAME) W/ WOOD CHIP		

Sampler Initials: CAG, SWM

WATER

316120

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

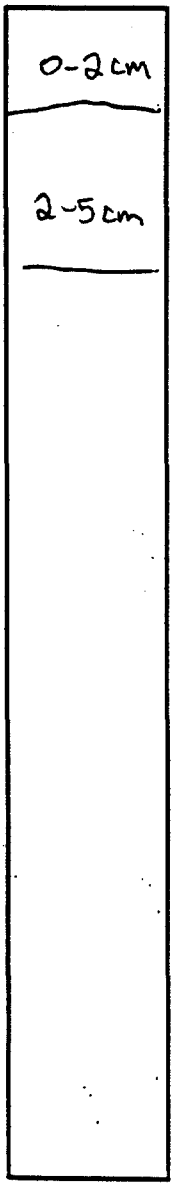
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-15C-301	7/22/98	FAIR, HUMID, 85°

Water Depth	Core Type	Core to be Composited?
3.4	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
29 cm	23 cm	Northing/Lat. = 159272 CR4.4 Easting/Long. = 736002

Core Section Interval	Visual Description	Grain Size	Comments
13:21 0-2 cm	SILTY, FINE BROWN SAND, SOME ORGANIC MATTER		
13:24 2-5 cm	SAME AS ABOVE, LESS AQUEOUS		



Sampler Initials: CAG, SEM, MDL

316121

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-15C-302	7/22/98 13:40	FAIR, 90°, HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
6.1'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
33 cm	20 cm	Northing/Lat. = 1591168 Easting/Long. = 735974	CQ-4.1

Core Section Interval	Visual Description	Grain Size	Comments
13:50 0-2 cm	SILTY, FINE BROWN SAND, MUSSEL, ORGANIC MATTER		MUSSEL REMOVED
13:53 2-5 cm	FINE BROWN SAND		

Sampler Initials: CAE, SEM, MDL

316122

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-1SC-303	7/22/98 14:00	FAIR, 90°F

Water Depth	Core Type	Core to be Composited?
6.1'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
28 cm	14 cm	Northing/Lat. = 1590920 Easting/Long. = 735878 CQ = 3.0

Core Section Interval	Visual Description	Grain Size	Comments
14:12 0-2 cm	BROWN FINE SAND		
14:15 2-5 cm	SAME AS ABOVE, LESS ARVEOUS		

Sampler Initials: CAG, SEM, MDL

316123

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612,245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-15C-304	7/22/98 14:25	FAIR, HUMID, 90°

Water Depth	Core Type	Core to be Composited?
10.5	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
30 cm	21 cm	Northing/Lat. = 1590575 CR=3.1 Easting/Long. = 735781

Core Section Interval	Visual Description	Grain Size	Comments
14:33 0-2 cm	MED/FINE BROWN SAND		
14:36 2-5 cm	MED/FINE BROWN SAND W/LITTLE GRAVEL		

Sampler Initials: CAG, SEM, MDL

316124

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

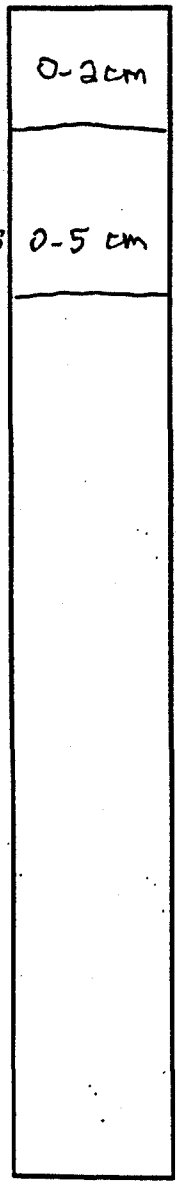
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-15C-305	7/22/98 14:45	FAIR, 80°, HUMID

Water Depth	Core Type	Core to be Composited?
2'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
32 cm	17 cm	Northing/Lat. = 1590380 Easting/Long. = 735721 CQ = 3.2

Core Section Interval	Visual Description	Grain Size	Comments
14:50 0-2 cm	SILTY FINE BROWN SAND, AQUEOUS W/ ROOTS		TREES INTERFERRING W/GPS AT STATIONS NEAR SHORE, COORDS TAKEN AT LOWEST GQ POSSIBLE
14:53 0-5 cm	SAME AS ABOVE, LESS AQUEOUS		



Sampler Initials: CAF, SEM, MDL

316125

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-15C-30a	7/22/97 15:00	FAIR, 90°, HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
6.7'	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
31 cm	23 cm	Northing/Lat. = 1590234 Easting/Long. = 735685	CQ = 3.1

Core Section Interval	Visual Description	Grain Size	Comments
15:03 0-2 cm	BROWN SILTY FINE SAND w/ LITTLE GRAVEL		SAMPLE NEAR CULVERT UNDER W. RIVER RD.
15:04 2-5 cm	FINE BROWN SAND		

Sampler Initials: CAG, SEM, MDL

316126

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

601.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD	BS-16F-101	7/14/98	SUN & HAZE 80sF SBREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~14 ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
97cm	28 cm	Northing/Lat. = 1592096.0 Easting/Long. = 736751.6	LQ=3.1

Core Section Interval	Visual Description	Grain Size	Comments
TIME 1520 0-2	WET FINE BROWN SILT		
1543 2-5	MOIST FINE BROWN SILT W/ SOME BROWN SAND		
	SOME OF LOWER CORE LOST DURING RETRIEVAL.		
	BOAT POSITION UNSTABLE DUE TO WATER DEPTH & SOUTH WINDS, VARIED BY ~ 25ft.		

Sampler Initials: CAG JWM

LWM

316127

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

6.12.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-16F-102	7/14/98 16:05	SUN & HAZE SSE 5 BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~8ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
69cm	29cm	Northing/Lat. = 1592017.1 Easting/Long. = 736785.2	CG=2.8

Core Section Interval		Visual Description	Grain Size	Comments
1615	0-2	WET FINE BROWN SILT		
1617	2-5	MOIST FINE BROWN SILT W/ TRACE FINE SAND		
	27cm	GRAY CLAY INTERFACE.		

Sampler Initials: CPE, JWM

316128

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

G12.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
FLOOD SURVEY	BS-16F-193	7/15/98	SUNNY & HAZE 5 BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~15ft	FLUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
79cm	16cm	Northing/Lat. = 1591888.7 Easting/Long. = 736712.9 C62.0	

Core Section Interval	Visual Description	Grain Size	Comments
1334 0-2	WET FINE BROWN SILT		PHOTO
1335 2-5	MOIST FINE BROWN SILT		
	UPPER SILT LAYER UNCONSOLIDATED.		
	GRAVEL LAYER @ ~ 10CM		
	LOST LOWER PORTION OF CORE ON RETRIEVAL.		
	TEMPS IN 90sF EXPECT TODAY		

Sampler Initials: CRE, TCM

316129

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-16F-104	7/15/98	Sun & Haze
Water Depth	**Core Type**	**Core to be Composited?**	
~13 ft	Rush	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
76cm	37cm	Northing/Lat. = 1591519.1 Easting/Long. = 736649.9	CQ = 2.9

Core Section Interval		Visual Description	Grain Size	Comments
1405	0-2	WET FINE BROWN SILT		
1407	2-5	MOIST FINE BROWN SILT W/ STONE		

Sampler Initials: CAG, JWM

CAG

316130

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-16F-105	7/15/98 1615	Sun & Haze
Water Depth	**Core Type**	**Core to be Composited?**	
12ft	Rusit	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
89cm	35cm	~~Northing~~/Lat. = 159315.3 ~~Easting~~/Long. = 736663.0	

Core Section Interval		Visual Description	Grain Size	Comments
1620	0-2	WET BROWN SILT w/ SOME TWIGS		
1623	2-5	MOIST BROWN SILT		

Sampler Initials: CAG, JWM

WMA

316131

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	TS-16F-106	7/16/98 0815	Cloudy W, Rain Humid
Water Depth	**Core Type**	**Core to be Composited?**	
~4ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
57cm	24cm	Northing/Lat. = 1591168.2 Easting/Long. = 736639.4	CO -2.8

Core Section Interval	Visual Description	Grain Size	Comments
Time 0820 0-2	WET FINE BROWN SILT		
0822 2-5	MOIST FINE BROWN SILT W/ TWIG		

Sampler Initials: CAG, JWM

WAM

316132

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	FS-16F-107	7/16 0845	OVERCAST/HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
~9ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
63cm	27cm	Northing/Lat. = 1590976.7 Easting/Long. = 736603.2	CQ = 2.2

Core Section Interval	Visual Description	Grain Size	Comments
TIME 0850 0-2	WET FINE BROWN SILT		
0853 2-5	MOIST FINE BROWN SILT		
	Archive 2-5cm sample from separate core in same area		

Sampler Initials: CAG, JWM

WAM

316133

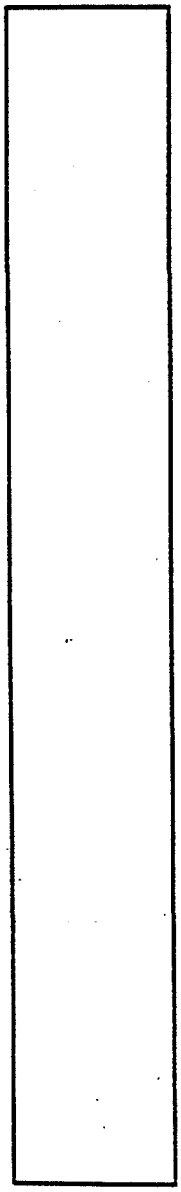
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-201	7/23/98 15:55	RAIN, 75°

Water Depth	Core Type	Core to be Composited?
~20'	PONAR GRAB	☐ Yes (MDL) ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
-	-	Northing/Lat. = 1589900 Easting/Long. = 735852 CQ = 2.6

Core Section Interval	Visual Description	Grain Size	Comments
	MED. TO COARSE SAND ^ BROWN		NOTE: ARCHIVE SAMPLE ONLY - OTHER SAMPLES FOR BS-18C-200 COMP. WERE CORES.

Sampler Initials: CAG, SEW, MDL

316134

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-202	7/23/98 16:15	PARTLY SUNNY, 75°

Water Depth	Core Type	Core to be Composited?
6.3	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
24 cm	6 cm	Northing/Lat. = 1589210 Easting/Long. = 735607 CQ = 2.9

Core Section Interval	Visual Description	Grain Size	Comments
16:22 0-2 cm	FINE/MED. BROWN SAND W/FINE GRAVEL		
16:25 2-5 cm	SAME AS ABOVE		

Sampler Initials: CAB, SEW, MDL

316135

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-203	7/23/98 16:30	PARTLY SUNNY 75° F

Water Depth	Core Type	Core to be Composited?
4.5'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
31 cm	19 cm	Northing/Lat. = 1588765 Easting/Long. = 735826 CD = 3.3

Core Section Interval	Visual Description	Grain Size	Comments
16:37 0-2 cm	FINE/MED. SAND W/FINE GRAVEL		
16:40 2-5 cm	FINE GRAVEL, SOME FINE SAND;		

Sampler Initials: CAG, SEM, MDL

316136

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-204	7/23/98 16:55	PARTLY SUNNY, 75°

Water Depth	Core Type	Core to be Composited?
9.7'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
31 cm	13 cm	Northing/Lat. = 1582695 CQ = 2.7 Easting/Long. = 736008

Core Section Interval	Visual Description	Grain Size	Comments
17:00 0-2 cm	GRAVEL W/SOME FINE SAND		
17:03 2-5 cm	FINE/MED SAND WITH FINE GRAVEL		

Sampler Initials: CAE, SEM, MDL

316137

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

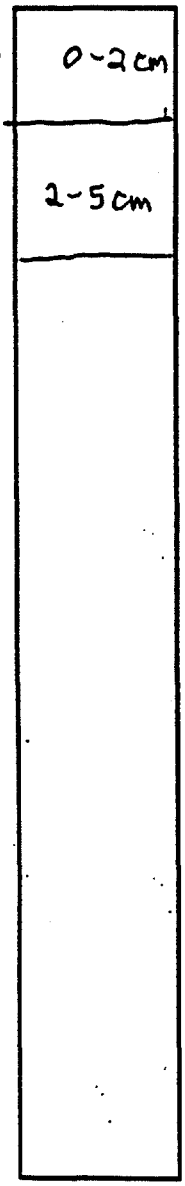
612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-301	7/22/98 10:50	FAIR, 80°; HUMID

Water Depth	Core Type	Core to be Composited?
8.8'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
20cm	13 cm	Northing/Lat. = 1589676 CD = 2.2 Easting/Long. = 736129

Core Section Interval	Visual Description	Grain Size	Comments
11:00 0-2 cm	FINE BROWN GRAVEL w/ SOME FINE SAND		
11:03 2-5 cm	SAME AS ABOVE, w/ MED. SAND		



Sampler Initials: CAG, SEM, MDL

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-302	7/22/98	FAIR, HUMID, 80°

Water Depth	Core Type	Core to be Composited?
9.4'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
36 cm	9 cm	Northing/Lat. = 1589202 CR = 2.0 Easting/Long. = 736230

Core Section Interval	Visual Description	Grain Size	Comments
11:40 0-2cm	COARSE BROWN SAND & GRAVEL		
11:43 2-5 cm	(SAME AS ABOVE)		

Sampler Initials: CAG, SEM, MDL

316139

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-303	7/22/98 11:50	FAIR HUMID, 80°F

Water Depth	Core Type	Core to be Composited?
9.4	PONAR GRAB	MDL ☑ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
—	—	Northing/Lat. = 1589029 CQ = 2.1 Easting/Long. = 736179

Core Section Interval	Visual Description	Grain Size	Comments
12:00 (GRAB)	FINE TO MED. GRAVEL		ARCHIVE SAMPLE ONLY AS COULD ONLY COLLECT GRAB SAMPLE SAMPLE NOT INCLUDED IN BS-18C-300 COMPOSITE

Sampler Initials: CAG, SEM, MDL

316140

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-304	7/22/98 12:15	FAIR, 85°

Water Depth	Core Type	Core to be Composited?
2.9	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
65 cm	25 cm	Northing/Lat. = 1588687 CR = 2.3 Easting/Long. = 736540

Core Section Interval	Visual Description	Grain Size	Comments
12:22 0-2 cm	SILTY FINE BROWN SAND, ORGANIC MATTER		NOT COARSE SEDIMENT
12:25 2-5 cm	SAME AS ABOVE W/ SOME MED. SAND		

Sampler Initials: CAG, SEM, MDL

316141

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-401	7/14/98	SUN & HAZE 80sF
Water Depth	**Core Type**	**Core to be Composited?**	
~6ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
44cm	24cm	Northing/Lat. = 1568958.2 Easting/Long. = 735630.1	CA=24

Core Section Interval	Visual Description	Grain Size	Comments
1004 0-2	COARSE BROWN SAND TRACE GRAVEL		
1005 2-5	COARSE BROWN SAND TRACE GRAVEL, AT BOTTOM OF SECTION - GRAY, [illegible] CLAY		

Sampler Initials: CTC, JWM

316142

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

6.12.345

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Sound	BS-18C-402	7/14/98 1020	SUN & HAZE 80's F
Water Depth	**Core Type**	**Core to be Composited?**	
3ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
50cm	38.5cm	Northing/Lat. = 158831.3 Easting/Long. = 735649.3	CG=2.1

Core Section Interval		Visual Description	Grain Size	Comments
1030	0-2	BROWN FINE SILT TRACE OF GRAY BROWN CLAY		
1033	2-5	TRACE FINE BROWN SILT. GRAY BROWN CLAY. TRACE ORGANIC MATTER.		

Sampler Initials: CAG, JMH

316143

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.345

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BCUAD	CS-18C-403	7/14/98 1058	SUN & HAZE 80sF
Water Depth	**Core Type**	**Core to be Composited?**	
~6ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
51cm	17cm	Northing/Lat. = 1586787.1 Easting/Long. = 735739.1	Cd = 3.0

Core Section Interval	Visual Description	Grain Size	Comments
1055 0-2	ROCK ON TOP OF	Sample Discarded	photo
1057 2-5'	MEDIUM BROWN SAND WITH SOME GRAVEL & SILT		
	BROWN/GRAY COARSE SAND WITH SOME GRAVEL		CLUMP DISCARDED
	~~[illegible]~~		WAA

Sampler Initials: CAG, JWM

316144

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

62.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Brown	TS-18C-404	7/14/98 1120	SUN & HAZE
Water Depth	**Core Type**	**Core to be Composited?**	
~4ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
39cm	29cm	Northing/Lat. = 1588723.2 Easting/Long. = 735952.8	CG=27

Core Section Interval		Visual Description	Grain Size	Comments
1120	0-2	GRAVEL & BROWN COARSE SAND TRACE MED/FINE BROWN SAND		
1123	2-5	SAME		

Sampler Initials: CTG JLM

316145

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18C-405	7/14/98 1246	SUN & HAZE 80SF, 5 BREEZE
Water Depth	**Core Type**	**Core to be Composited?**	
~9ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
57cm	37 cm	Northing/Lat. = 158603.3 Easting/Long. = 735857.0 CG=2.1	

Core Section Interval	Visual Description	Grain Size	Comments
1150 1150 0-2	GRAVEL W/ BROWN SILTY SAND		ZOOPLANKTON IN LIGHT LAYER ABOVE CORE PHOTO
1153 1153 2-5	BROWN MED. SAND W/ TRACE GRAVEL		
19cm	GRAY CLAY	IMPENETRABLE	

Sampler Initials:

316146

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-18C-406	7/14/98 12:15	Sun & Haze 80sF, 5 Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
-2ft	Push	☒ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
81cm	50cm	Northing/Lat. = 158527.3 Easting/Long. = 735745.2 CG=GPS	

Core Section Interval		Visual Description	Grain Size	Comments
1220	0-2	WET BROWN SILT W/ ORGANIC MATTER - INCLUDING TWIG, AQUATIC PLANT MATERIAL		
1823	2-5cm	MOIST BROWN SILT W/ ORGANIC MATTER - ROOTS WOODCHIP (Archive Sample)		
		WOOD CHIPS AT BOTTOM OF CORE		

Sampler Initials: CAG, JMM

316147

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

GZ2.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scour	BS-18C-407	7/14/98 1247	SUN & HAZE 80sF LIGHTS BRE
Water Depth	**Core Type**	**Core to be Composited?**	
~8ft	PUSH	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
34cm	15cm	Northing/Lat. = 158479.6 Easting/Long. = 735878.7	CG=2.1

Core Section Interval	Visual Description	Grain Size	Comments
1250 0-2	GRAVEL W, MED BROWN SAND & WET BROWN SILT		
1255 2-5	GRAY CLAY, & MEDIUM BROWN SAND & GRAVEL		

Sampler Initials: CAB, JAM

316148

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-18C-408	7/14/98 1325	Sun & Haze High 80sF
Water Depth	**Core Type**	**Core to be Composited?**	
~ 8ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
40cm	39cm	Northing/Lat. = 15984.22.9 Easting/Long. = 736018.2	CO=1.9

Core Section Interval		Visual Description	Grain Size	Comments
1332	0-2	Brown Medium Sand w/ some Gravel		
1335	2-5	Same		

Sampler Initials: CAB, JWM

316149

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROADSCALE	BS-18C-501	7/17/98 11:00	HAZY HUMID
Water Depth	**Core Type**	**Core to be Composited?**	
14.6 ft	PUSH	☑ Yes ☐ No WAM	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
6CM	4CM	Northing/Lat. = 158873.6 Easting/Long. = 737088.9	CO=2.9

Core Section Interval		Visual Description	Grain Size	Comments
TIME		UNCONSOLIDATED SILT		
11:02	0-2	FINE BROWN SILT		PHOTO
11:04	2-4	FINE BROWN/GRAY SILT		

Sampler Initials: CAG, JWM

WAM

316150

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-18S-101	7/21/98 0835	Mostly Sunny 5 Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
7.2 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
30cm	28cm	Northing/Lat. = ~~Lat~~ ~~15696~~ 15E9619.3 Easting/Long. = ~~Lat~~ ~~735601~~ 735598.5 CG=	

Core Section Interval	Visual Description	Grain Size	Comments
TIME			
0835 0-2	Dark Brown Silt w/ Some Fine Sand & organic matter		
0837 2-5	Dark Brown Silt w/ Some Fine Sand with root material		
	Close to tree line Difficulty obtaining coordinates		

Sampler Initials: CAG, SEM

316151

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Broad Scale	BS-1GT-102	7/21/98 0900	mostly sunny S breeze
Water Depth	**Core Type**	**Core to be Composited?**	
1.3 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
13cm	5cm	Northing/Lat. = 1589458.9 Easting/Long. = 735562.5	Co=3.7

Core Section Interval	Visual Description	Grain Size	Comments
Time 0905 0-2	Fine Brown Silt w/ organic matter		
0907 2-5	Same		

Sampler Initials: CAG, SEM, GAM

316152

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.2A5

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Brown Slime	BS-18T-103	7/21/98 0925	Sun & Clouds 5 Breeze
Water Depth	**Core Type**	**Core to be Composited?**	
7.1 ft	Push	☑ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
55cm	35cm	Northing/Lat. = 158942 0.4 Easting/Long. = 735568.5	CG-2.2

Core Section Interval	Visual Description	Grain Size	Comments
TIME 0930 0-2	Fine Brown silt w. some organic matter - roots		
0933 2-5	Same		

Sampler Initials: CAG, SEM, GAM

316153

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

612.245

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
BROAD SCALE	BS-18T-104	7/22/98 10:08	FAIR, HUMID, 80°F

Water Depth	Core Type	Core to be Composited?
10'	PUSH	☑ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
54 cm	27 cm	Northing/Lat. = 1589325 CQ = 2.3 Easting/Long. = 735586

Core Section Interval	Visual Description	Grain Size	Comments
0-2cm 10:15	MED./COARSE DARK BROWN SAND, SOME FINE GRAVEL		
2-5cm 10:16	SAME AS ABOVE		

Sampler Initials: CAG, SEM, MDL

316154

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O'BRIEN & GERE COMPANIES

SUBJECT:	PAGE:	BY:	DATE:	JOB NUMBER:

samp prog.	ID #	Date / Time	Weather
cesium	CS-01	8/08/97 / 8:15	sunny, 80°F
water Depth	**core type**	**Composited?**	
1.5'	push	☐ yes	☒ no
retration	**Recovery**	**GPS Coordinates**	CQ:
85 cm	71 cm	Northing 1615039	Easting 736115

Interval		Description		Comments
	0900	Fine brown silt w/ some fine sand & org. mat.		
1	0902	Fine brown sand w/ some silt & some org. mat.		
2	0904	Fine brown sand w/ shale piece		
3	0906	Fine brown sand		~~Odor~~ Odor
4	0908	Fine brown silt w/ some sand & org. mat.		Odor
5	0909	same as above		Odor
6	0910	same as above		odor
7	0912	Fine brown silt w/ some fine sand & trace org. mat.		odor
8	0914	same as above w/ leaves		odor
9	0915	Fine brown sand w/ some silt		odor
10	0916	Fine brown sand		odor
11	0917	same as above		odor
12	0918	same as above		odor
13				

316156

612.295

O'BRIEN & GERE COMPANIES

SUBJECT:	PAGE:	BY:	DATE:	JOB NUMBER:
Cesium CS-01 8/28/98/8:15				

	0919	same as above	odor
14	0920	same as above w/ some silt	odor
15	0921	Fine brown ~~sand~~ silt w/ trace ~~silt~~ fine sand	
16	0922	same as above	
17	0923	same as above	
18	0924	same as above	
19	0925	same as above	
20	0926	same as above w/ some org. mat.	
21	0927	same as above	
22	0928	same as above	
23	0929	same as above	
24	0930	same as above w/ a stone	Dup 3, odor
25	0931	Fine brown sand	odor
26	0932	Fine brown sand w/ some gray clay	odor
27	0933	same as above	odor
28	0934	Fine brown sand	odor
29	0935	Med.-coarse brown sand	odor
30	0936	same as above	odor
31			

316157

612.245

O'BRIEN & GERE COMPANIES

SUBJECT:	PAGE:	BY:	DATE:	JOB NUMBER:
Cesium CS-01 8/25/98 / 8:15				

		0937	Med.-coarse sand w/ some fine silt		odor
32		0938	Med. brown sandy silt		odor
33		0940	same as above		odor
34		0941	fine brown sand		odor
35		0943	same as above		odor
36		0944	same as above		odor
37		0945	same as above		odor
38		0946	same as above		odor
39		0947	same as above		Dup 4 odor
40		0949	same as above		odor
41		0950	same as above		odor
42		0951	same as above		odor
43		0952	Fine-Med. brown sand		odor
44		0953	same as above		odor
45		0954	same as above		odor
46		0955	same as above	* core was cut here - may contain lexan	odor
47		0956	Med.-coarse brown sand		odor
48		0957	same as above		odor
49					

316158

612.245

O'BRIEN & GERE COMPANIES

SUBJECT: Cesium CS-01 8/28/98 / 8:15	PAGE:	BY:	DATE:	JOB NUMBER:

	0958	Fine - med. brown sand		odor
50	0959	same as above		slight odor
51	1000	same as above		
52	1001	same as above		
53	1002	same as above		
54	1003	same as above		
55	1004	same as above		
56	1005	same as above		
57	1006	same as above		
58	1007	same as above		
59	1008	med. - course brown sand		
60	1009	same as above		
61	1010	Course Brown sand		
62	1011	same as above		
63	1012	same as above		
64	1013	same as above		
65	1014	same as above		
66	1015	same as above		
67				

316159

612.245

O'BRIEN & GERE COMPANIES

SUBJECT:	PAGE:	BY:	DATE:	JOB NUMBER:
Cesium CS-01 8/28/98/8:15				

1016 same as above

68

1017 same as above

69

1018 same as above

70

1019 same as above — end of core

71

72

73

74

75

76

77

78

79

80

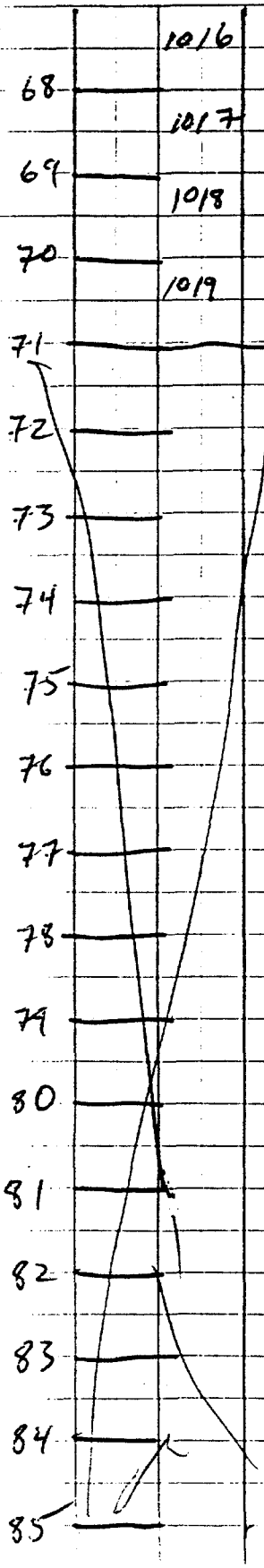
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85



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612.245

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General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
	CS-03	8/27/98 / 11:45	sunny 80°F

Water Depth	Core Type	Core to be Composited?
2.4'		☐ Yes ☒ No

Penetration Depth	Length Recovered	GPS Coordinates
130 cm	91 cm	Northing/Lat. = 1592053 Easting/Long. = 736826 CR=2.9

Core Section Interval	Visual Description	Grain Size	Comments
1226	Fine brown silt w/ org. mat.		
1	Fine brown silt		
1227			
2			
1230	same as above w/ some fine sand		Dup 1
3			
1234	same as above		
4			
1236	Fine brown sandy silt		
5			
1238	Fine brown silty sand.		
6			
1240	same as above		
7			
1242	same as above		
8			
1244	same as above		
9			
1246	same as above		
10			
1248	same as above		
11			
1249	same as above		
12			

MPH Vib mpl / Ar

316161

612.245

p. 2 of 7

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-03	8/27/98 / 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
13 / 1250	same as above		
14 / 1252	same as above		
15 / 1253	same as above		
16 / 1255	same as above w/ trace org. mat.		
17 / 1257	same as above		
18 / 1258	same as above		
19 / 1259	Fine brown sand w/ trace silt		
20 / 1301	same as above		Dup 2
21 / 1305	Fine brown sand		
22 / 1307	same as above		
23 / 1308	same as above		
24 / 1309	same as above		

316162

612.245

p. 3 of 7

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Sediment	CS-03	8/27/98 / 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
25	1310 same as above		
26	1312 Fine brown sand w/ wood chips		
27	1313 Fine brown sand		
28	1314 same as above		
29	1315 same as above		
30	1316 same as above		
31	1317 same as above		
32	1318 Fine brown sand w/ wood chips		
33	1319 same as above w/ wood chunk		
34	1320 same as above		odor
35	1322 same as above		
36	1323 Fine brown silty sand w/ wood chips		

316163

612.245

p. 4 of 7

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
cesium	CS-03	8/27/98 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
1325	same as above		
37			odor
1327	same as above		
38			
1328	same as above w/ org. mat.		
39			
1330	same as above w/ wood chunk		
40			
1332	Fine brown sand w/ trace silt; org. mat.		
41			
1333	Fine brown sand w/ trace org. mat.		
42			odor
1334	same as above w/ trace silt		
43			
1335	same as above		
44			
1337	Fine brown silty sand.		
45			
1338	same as above w/ some org. mat.		
46			
1340	Fine brown sand w/ some org. mat.		odor
47			
1342	same as above w/ wood chips		
48			

316164

612.245

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General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-03	8/27/98 / 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. =
		Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
1343	Fine brown sand w/ some org. mat. & wood chips		
49			
1344	same as above		
50			
1345	Fine brown silty sand		
51			
1346	same as above w/ wood chips & some org. mat.		
52			
1347	Fine brown silty sand; trace org. mat.		
53			
1348	same as above		
54			
1349	same as above		
55			
1350	same as above		
56	same as above w/		odor
1352	woodchunk		
57			
1353	Fine brown sand		
58			
1354	same as above		
59			
1355	Fine brown sand w/ some silt & org. mat,		
60			

316165

612.245
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General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
cesium	CS-03	8/27/98 / 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
1357	Fine brown sand w/ some silt & trace wood chips		odor ↓
61			
1358	same as above - more wood chips		
62			
1359	Fine brown sand w/ trace silt & org. mat.		
63			
1400	same as above		
64			
1401	Fine brown sand w/ trace org. mat.		
65			
1402	Fine brown sand w/ trace wood chips		
66			
1403	same as above		
67			
1404	same as above		
68			
1406	Fine brown sand w/ some org. mat.		
69			
1407	same as above w/ trace wood chips		
70			
1408	same as above		
71			
1409	same as above		
72			

316166

612.245

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General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
cesium	CS-03	8/27/98 11:45	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
73 — 1411	same as above		
74 — 1412	same as above		
75 — 1413	same as above		
	stopped processing core at 75 cm.		

316167

612.249

p. 1 of 6

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
CESIUM	CS-04	8/27/98 / 8:30	FAIR, 70°F

Water Depth	Core Type	Core to be Composited?
2.2	PUSH	☐ Yes ☑ No

Penetration Depth	Length Recovered	GPS Coordinates
152 cm	71 cm	Northing/Lat. = 1588639 Easting/Long. = 736790

Core Section Interval	Visual Description	Grain Size	Comments
0900	Fine brown silt w/ org. mat.		
1			
0902	same as above		
2			
0905	same as above w/ white flecks		
3			
0908	Fine brown silt w/ organic matter		
4			
0912	same as above w/ more leaves		
5			
0913	same as above w/ roots & twigs		
6			
0915	same as above		
7			
0917	Fine brown silt w/ roots & wood.		
8			
0916	same as above w/ Leaves		
9			
0919	Fine brown silt w/ trace fine sand w/ roots		
10			
0921	same as above - trace of organic mat.		
11			
0923	same as above		
12			

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612.C47

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FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-04	8/27/98 / 8:30	
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. =	
		Easting/Long. =	

Core Section Interval	Visual Description	Grain Size	Comments
	same as above w/ wood chunk		
0925			
13	same as above - no wood chunk		
0927			
14	Fine brown silt w/ some fine sand		
0928			
15	same as above		
0931			
16	Fine brown silt w/ trace fine sand & trace roots		
0933			
17	Fine brown silt w/ trace fine sand		
0934			
18	same as above		
0936			
19	same as above		
0937			
20	same as above		odor
0939			
21	Fine brown silt		slight odor
0941			
22	Fine brown silt w/ wood chips		
0943			
23	same as above w/ leaves		
0945			
24			

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FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-04	8/27/98 / 8:30	

Water Depth	Core Type	Core to be Composited?
		☐ Yes ☐ No

Penetration Depth	Length Recovered	GPS Coordinates
		Northing/Lat. = Easting/Long. =

Core Section Interval	Visual Description	Grain Size	Comments
25 / 26 / 27 / 28 / 29 / 30 / 31 / 32 / 33 / 34 / 35 / 36	0947 same as above 0949 same as above 0950 Fine brown silt 0952 Fine brown silt w/ trace fine sand & trace org. mat. 0954 Fine brown silt w/ some fine sand. 0955 Fine brown silt w/ trace fine sand 0956 Same as above w/ trace org. mat. 0958 same as above 0959 Fine brown silt w/ trace fine sand. 1000 Fine brown sandy w/ org. mat. & trace fine sand. 1001 same as above 1003 Fine sandy brown silt w/ org. mat.		

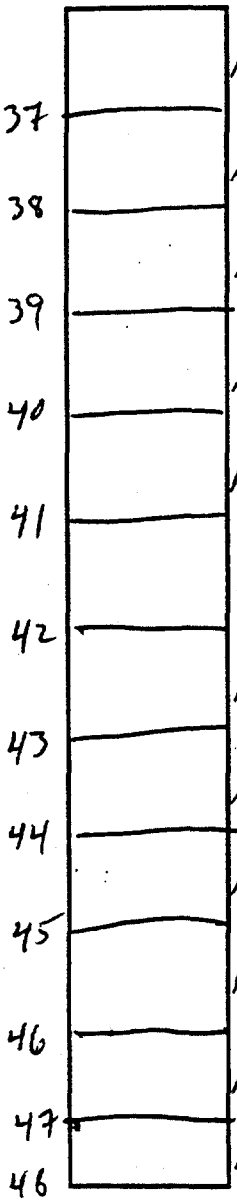
612.245

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General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-04	8/27/98 / 8:30	
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. = Easting/Long. =	

Core Section Interval	Visual Description	Grain Size	Comments
	same as above Fine brown silt w/some fine sand & trace org. mat. same as above Fine brown sandy silt & trace org. mat. Fine brown sand w/ silt & trace org mat. Fine brown silt w/ trace fine sand. same as above same as above same as above same as above Same as above Fine brown sandy silt w/ leaves & wood		

General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
cesium	CS-04	8/27/98/8:30	
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. =	
		Easting/Long. =	

Core Section Interval	Visual Description	Grain Size	Comments
49	1021 same as above		
50	1023 Fine brown sandy silt w/ wood chips		
51	1025 Fine brown silt w/ trace fine sand		
52	1026 Fine brown silt w/ some fine sand		
53	1027 same as above		
54	1028 same as above		
55	1029 same as above		
56	1030 Fine brown silt w/ trace fine sand		
57	1031 same as above w/ wood chip & blue plastic		
58	1032 Fine sandy silt w/ blue plastic		
59	1033 Fine brown sand w/ trace silt & blue plastic		
60	1034 Fine brown sand w/ wood chips		

612.245

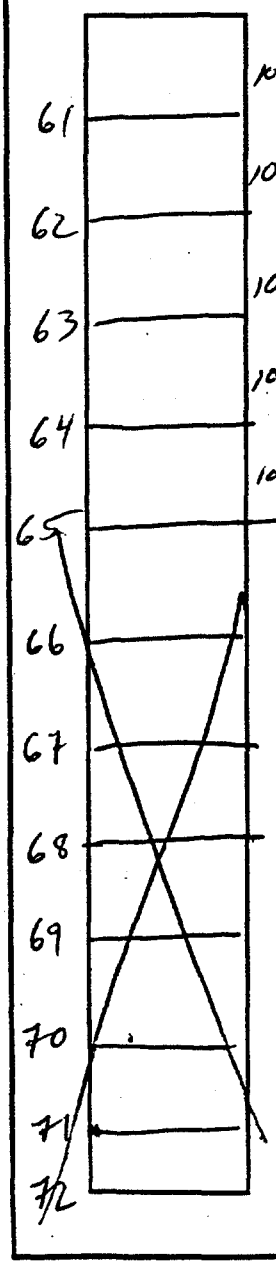
General Electric Company - Hudson River Project
1998 Thompson Island Pool Sediment Coring Program

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FIGURE 7. Field Log

Sampling Program	Sample ID Number	Date/Time	Weather Conditions
Cesium	CS-04	8/27/98 / 8:30	
Water Depth	**Core Type**	**Core to be Composited?**	
		☐ Yes ☐ No	
Penetration Depth	**Length Recovered**	**GPS Coordinates**	
		Northing/Lat. =	
		Easting/Long. =	

Core Section Interval	Visual Description	Grain Size	Comments
61 — 1035	same as above		
62 — 1036	same as above		
63 — 1037	wood chips w/some fine brown sand.		
64 — 1039	same as above		
65 — 1041	same as above	end of core	
66			
67	KmB		
68			
69			
70			
71			
72			



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APPENDIX D

Summary of Broad-scale Sediment Survey individual core location and sediment data

Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB04654	BS-05C-100	0	2	C	BS-05C-101	7/24/98	7	54	9	PUSH	51	33	BROWN SAND, LITTLE FINE SILT
					BS-05C-103	7/24/98	9	2	16	PUSH	28	16	COARSE SAND
					BS-05C-104	7/24/98	9	20	1	PUSH	13	8	FINE/MEDIUM SAND, EEL GRASS
					BS-05C-105	7/24/98	9	37	14	PUSH	19	15	FINE GRAVEL, COARSE SAND
					BS-05C-106	7/24/98	9	53	10	PUSH	41	25	FINE GRAVEL, MEDIUM/FINE BROWN SAND
AB04655	BS-05C-100	2	5	C	BS-05C-101	7/24/98	7	57	9	PUSH	51	33	FINE BROWN SAND
					BS-05C-103	7/24/98	9	5	16	PUSH	28	16	COARSE SAND
					BS-05C-104	7/24/98	9	23	1	PUSH	13	8	FINE/MEDIUM SAND, EEL GRASS
					BS-05C-105	7/24/98	9	40	14	PUSH	19	15	FINE GRAVEL, COARSE/MEDIUM SAND
					BS-05C-106	7/24/98	9	56	10	PUSH	41	25	GRAY CLAY, SOME GRAVEL, FINE SAND
AB04272	BS-06C-300	s	s	C	BS-06C-301	7/9/98	12	10	14	GRAB	s	s	COARSE SAND, FINE GRAVEL, SHALE FRAGMENTS
					BS-06C-302	7/9/98	13	42	13	GRAB	s	s	MEDIUM BROWN SAND, SMALL SHALE FRAGMENTS
					BS-06C-303	7/9/98	14	50	13	GRAB	s	s	COARSE SAND FINE GRAVEL, SHALE
					BS-06C-304	7/10/98	10	20	11	GRAB	s	s	COARSE BROWN SAND, SHALE FRAGMENTS W/ TRACE COBBLES
					BS-06C-305	7/10/98	11	0	10	GRAB	s	s	MEDIUM BRN SAND SHALE FRAGMENTS.CLAM SHELL, ZOOPLANKTON
					BS-06C-306	7/10/98	11	45	12	GRAB	s	s	COARSE BROWN SAND,PEBBLES,SMALL SHALE FRAGMENTS
AB04156	BS-06F-100	0	2	F	BS-06F-101	7/7/98	14	2	3	PUSH	114	63	FINE BROWN SILTY SAND
					BS-06F-102	7/7/98	15	22	3	PUSH	34	15	FINE BROWN SILTY SAND
					BS-06F-103	7/7/98	15	43	2	PUSH	88	39	FINE SILTY SAND, BROWN
					BS-06F-104	7/7/98	16	23	3	PUSH	98	49	FINE SILTY SAND, BROWN
					BS-06F-105	7/7/98	17	7	4	PUSH	96	50	FINE SILT, SAND, BROWN
					BS-06F-106	7/7/98	17	39	4	PUSH	93	46	FINE SILT, SAND, BROWN
					BS-06F-107	7/8/98	9	9	4	PUSH	68	44	BROWN SILTY FINE SAND, AQUEOUS
					BS-06F-108	7/8/98	9	45	4	PUSH	65	15	RED-BROWN MEDIUM SAND, AQUEOUS
					BS-06F-109	7/8/98	10	10	5	PUSH	57	35	REDDISH-BROWN MEDIUM SAND, AQUEOUS
					BS-06F-110	7/8/98	10	40	5	PUSH	48	25	SILTY FINE BROWN SAND, AQUEOUS WITH VEGETATION
					BS-06F-111	7/8/98	10	57	4	PUSH	89	37	SILTY FINE BROWN SAND WITH EEL GRASS
					BS-06F-112	7/8/98	11	23	4	PUSH	81	52	SILTY FINE BROWN SAND WITH VEGETATION
					BS-06F-113	7/8/98	11	47	4	PUSH	82	50	SILTY FINE BROWN SAND, AQUEOUS
					BS-06F-114	7/8/98	12	30	6	PUSH	78	39	SILTY FINE BROWN SAND, AQUEOUS

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Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB04157	BS-06F-100	2	5	F	BS-06F-101	7/8/98	14	12	3	PUSH	114	63	FINE BROWN SILTY SAND
					BS-06F-102	7/7/98	15	23	3	PUSH	34	15	FINE BROWN SILTY SAND
					BS-06F-103	7/7/98	15	45	2	PUSH	88	39	FINE SILTY SAND, BROWN
					BS-06F-104	7/7/98	16	26	3	PUSH	98	49	FINE SILTY SAND, BROWN
					BS-06F-105	7/7/98	17	10	4	PUSH	96	50	FINE SILT, SAND, BROWN; LESS WET
					BS-06F-106	7/7/98	17	42	4	PUSH	93	46	FINE SILT, SAND, BROWN; LESS WET
					BS-06F-107	7/8/98	9	12	4	PUSH	68	44	BROWN SILTY FINE SAND, LESS AQUEOUS
					BS-06F-108	7/8/98	9	48	4	PUSH	65	15	RED-BROWN MEDIUM SAND, LESS AQUEOUS
					BS-06F-109	7/8/98	10	13	5	PUSH	57	35	REDDISH-BROWN MEDIUM SAND, LESS AQUEOUS
					BS-06F-110	7/8/98	10	43	5	PUSH	48	25	GREY-BROWN MEDIUM SAND, VEGETATION
					BS-06F-111	7/8/98	11	0	4	PUSH	89	37	SILTY FINE BROWN SAND WITH PLANT ROOTS
					BS-06F-112	7/8/98	11	26	4	PUSH	81	52	SILTY FINE BROWN SAND WITH ROOTS
					BS-06F-113	7/8/98	11	50	4	PUSH	82	50	BROWN SILTY FINE SAND, LESS AQUEOUS
					BS-06F-114	7/8/98	12	33	6	PUSH	78	39	SILTY FINE BROWN SAND, LESS AQUEOUS
AB04270	BS-06T-200	0	2	T	BS-06T-201	7/8/98	15	35	4	PUSH	42	17	SILTY BROWN FINE SAND W/ VEGETATION AQUEOUS
					BS-06T-202	7/8/98	16	0	5	PUSH	35	10	SILTY FINE BRN SAND W/ ORGANIC MATTER, VERY AQUEOUS,PEBBLE
					BS-06T-203	7/8/98	16	25	4	PUSH	74	39	SILTY FINE BROWN SAND W/ VEGETATION, AQUEOUS
					BS-06T-204	7/8/98	17	0	5	PUSH	74	25	SILTY BROWN/BLACK FINE SAND, ORGANIC MATTER ,AQUEOUS
					BS-06T-205	7/9/98	8	10	4	PUSH	71	46	SILTY BROWN/BLACK FINE SAND,AQUEOUS
					BS-06T-206	7/9/98	8	37	4	PUSH	61	38	SILTY BROWN/BLACK FINE SAND, ORGANIC MATTER ,AQUEOUS
					BS-06T-207	7/9/98	9	5	6	PUSH	57	40	DARK BROWN FINE SAND, AQUEOUS W/ SMALL TWIGS
					BS-06T-208	7/9/98	9	25	6	PUSH	61	35	SILTY BROWN FINE SAND, VEGETATION, AQUEOUS
					BS-06T-209	7/9/98	10	10	8	PUSH	10	5	DARK BROWN COARSE SAND, WOOD CHIPS
					BS-06T-210	7/9/98	10	35	9	PUSH	25	11	BROWN MEDIUM SAND
AB04271	BS-06T-200	2	5	T	BS-06T-201	7/8/98	15	38	4	PUSH	42	17	SILTY BROWN FINE SAND W/WOOD CHIP, LESS AQUEOUS
					BS-06T-202	7/8/98	16	3	5	PUSH	35	10	SILTYFINE BROWN SAND W/ ORGANIC MATTER, LESS AQUEOUS,PEBBLE
					BS-06T-203	7/8/98	16	28	4	PUSH	74	39	SILTY FINE BROWN SAND W/ PLANT ROOTS, LESS AQUEOUS
					BS-06T-204	7/8/98	17	3	5	PUSH	74	25	SILTY BROWN/BLACK FINE SAND, ORGANIC MATTER ,AQUEOUS
					BS-06T-205	7/9/98	8	13	4	PUSH	71	46	SILTY BROWN/BLACK FINE SAND,AQUEOUS
					BS-06T-206	7/9/98	8	40	4	PUSH	61	38	SILTY BROWN/BLACK FINE SAND, ORGANIC MATTER ,ODER, LESS AQUEOUS
					BS-06T-207	7/9/98	9	8	6	PUSH	57	40	DARK BROWN FINE SAND, AQUEOUS W/ SMALL TWIGS
					BS-06T-208	7/9/98	9	28	6	PUSH	61	35	DARK BROWN FINE SAND, SOME SILT, VEGETATION, LESS AQUEOUS
					BS-06T-209	7/9/98	10	13	8	PUSH	10	5	DARK BROWN COARSE SAND, WOOD CHIPS
					BS-06T-210	7/9/98	0	0	9	PUSH	25	11	DARK BROWN MED. SAND, WOOD CHIPS
AB04533	BS-08C-400	s	s	C	BS-08C-403	7/21/98	12	55	15	GRAB	s	s	COARSE BROWN SAND, CLAY, GRAVEL
					BS-08C-404	7/21/98	13	30	13	GRAB	s	s	COARSE BROWN SAND, SOME GRAVEL
					BS-08C-405	7/21/98	13	45	13	GRAB	s	s	COARSE BROWN SAND

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Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB04531	BS-08F-100	0	2	F	BS-08F-101	7/20/98	11	0	3	PUSH	16	15	WET BROWN FINE SILT, TRACE SAND
					BS-08F-102	7/20/98	11	15	4	PUSH	42	20	FINE BROWN SILT , TRACE ORGANIC MATTER
					BS-08F-103	7/20/98	11	35	4	PUSH	53	27	FINE BROWN SILT,SAND,TWIGS,SEA GRASS
					BS-08F-104	7/20/98	11	50	5	PUSH	53	38	FINE BROWN SILT, ORGANIC MATTER,GRAVEL
					BS-08F-105	7/20/98	12	7	5	PUSH	17	17	FINE BROWN SILT, TRACE ORGANIC MATTER
					BS-08F-106	7/20/98	13	50	5	PUSH	50	34	FINE BROWN SAND ,SILT, SOME GRAVEL
					BS-08F-107	7/20/98	13	15	6	PUSH	46	23	FINE BROWN SILT, SAND, ORGAINC MATTER
					BS-08F-108	7/20/98	13	30	5	PUSH	32	31	FINE BROWN SILT, ORGANIC MATTER
					BS-08F-109	7/20/98	13	48	5	PUSH	61	16	FINE BROWN SILT, ORGAINC MATTER
					BS-08F-110	7/20/98	14	20	4	PUSH	41	29	DARK BROWN SILT, ORGANIC MATTER
					BS-08F-111	7/20/98	14	40	5	PUSH	64	44	DARK BROWN SILT, ORGAINC MATTER, SAND, TRACE GRAVEL
AB04532	BS-08F-100	2	5	F	BS-08F-101	7/20/98	11	5	3	PUSH	16	15	BROWN FINE SILT W/ SOME SAND
					BS-08F-102	7/20/98	11	17	4	PUSH	42	20	FINE BROWN SILT , TRACE ORGANIC MATTER
					BS-08F-103	7/20/98	11	37	4	PUSH	53	27	FINE BROWN SILT, TRACE ORGANIC MATTER, GRAVEL
					BS-08F-104	7/20/98	11	52	5	PUSH	53	38	BROWN SILT,GRAVEL
					BS-08F-105	7/20/98	12	10	5	PUSH	17	17	GREY CLAY, GRAVEL
					BS-08F-106	7/20/98	13	53	5	PUSH	50	34	FINE BROWN SAND, SILT, SOME GRAVEL
					BS-08F-107	7/20/98	13	17	6	PUSH	46	23	FINE BROWN SILT, SAND, ROOTS
					BS-08F-108	7/20/98	13	33	5	PUSH	32	21	FINE BROWN SAND, ORGANIC MATTER, ROOTS
					BS-08F-109	7/20/98	13	50	5	PUSH	61	16	FINE BROWN SILT, ORGAINC MATTER
					BS-08F-110	7/20/98	14	22	4	PUSH	41	29	DARK BROWN SILT, TRACE FINE SAND
					BS-08F-111	7/20/98	14	43	5	PUSH	64	44	DARK BROWN SILT, ORGAINC MATTER,SAND
AB06137	BS-08F-200	0	2	F	BS-08F-201	8/24/98	13	10	5	PUSH	53	32	FINE BROWN SAND, SOME SILT
					BS-08F-202	8/24/98	13	40	6	PUSH	57	31	FINE BROWN SAND, TRACE SAND, ORGANIC MATTER
					BS-08F-203	8/24/98	14	12	5	PUSH	82	34	FINE BROWN SILT, FINE SAND, ORGANIC MATTER
					BS-08F-204	8/24/98	14	30	5	PUSH	89	39	AQUATIC PLANT, FINE BROWN SILT, ORGANIC MATTER
					BS-08F-205	8/24/98	14	50	5	PUSH	78	22	FINE BROWN SILT, SHALE FRAGMENTS, ORGANIC MATTER, TWIGS
					BS-08F-206	8/24/98	17	5	5	PUSH	69	37	FINE BROWN SILT,ORGANIC MATTER
					BS-08F-207	8/24/98	17	25	5	PUSH	63	28	FINE BROWN SILT ORGANIC MATTER,SOME ALGAE
					BS-08F-208	8/24/98	17	45	6	PUSH	71	17	FINE BROWN SILT, ORGANIC MATTER,AQUATIC PLANT MATTER
					BS-08F-209	8/24/98	18	0	7	PUSH	47	26	FINE BROWN SILT,ORGANIC,WOOD CHIPS, WHITE FLECKS
					BS-08F-210	8/24/98	18	20	7	PUSH	39	24	FINE BROWN SILT, TR. GRAVEL, WHITE FLECKS, ORG. MATTER, WOOD CHIPS

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Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB06138	BS-08F-200	2	5	F	BS-08F-201	8/24/98	13	12	5	PUSH	53	32	FINE BROWN SAND, TRACE WOOD SLIVERS
					BS-08F-202	8/24/98	13	42	6	PUSH	57	31	FINE BROWN SILT, FIN SAND
					BS-08F-203	8/24/98	14	15	5	PUSH	82	34	FINE BROWN SILT, FINE SAND, SOME ORGANIC MATTER
					BS-08F-204	8/24/98	14	33	5	PUSH	89	39	FINE BROWN SILT, TRACE ORGANIC MATTER
					BS-08F-205	8/24/98	14	52	5	PUSH	78	22	FINE BROWN SILT,ORGANIC MATTER, SOME SHALE
					BS-08F-206	8/24/98	17	7	5	PUSH	69	37	FINE BROWN SILT,ORGANIC MATTER
					BS-08F-207	8/24/98	17	27	5	PUSH	63	28	FINE BROWN SILT,WHITE FLECKS, TR. ORG. MATTER, SHALE FRAG., WOOD CHIP
					BS-08F-208	8/24/98	17	47	6	PUSH	71	17	FINE BROWN SILT, ORGANIC MATTER,AQUATIC PLANT MATTER
					BS-08F-209	8/24/98	18	3	7	PUSH	47	26	FINE BROWN SILT,ORGANIC,WOOD CHIPS, WHITE FLECKS, MEDIUM SAND
					BS-08F-210	8/24/98	18	22	7	PUSH	39	24	FINE BRN SILT, TR. GRAVEL, SAND, WHITE FLECKS, ORG. MATTER, WOOD CHPS
AB06139	BS-08F-300	0	2	F	BS-08F-301	8/25/98	9	40	4	PUSH	17	10	FINE BROWN SILT, AQUATIC MATTER
					BS-08F-302	8/25/98	10	5	6	PUSH	76	9	FINE BROWN SILT,TRACE ORGANIC ROOTS
					BS-08F-303	8/25/98	10	35	11	PUSH	57	19	FINE BROWN SILT, TRACE ORGANIC MATTER-ROOTS
					BS-08F-304	8/25/98	13	10	6	PUSH	87	55	FINE BROWN SILT, TRACE ORGANIC MATTER-ROOTS
					BS-08F-305	8/25/98	13	45	3	PUSH	56	26	FINE BROWN SILT, SOME ORGANIC MATTER,WHITE FLECKS,ROOTS
					BS-08F-306	8/25/98	15	45	6	PUSH	70	31	BROWN SILT,FINE SAND,TRACE ORGANIC MATTER,WHITE FLECKS
					BS-08F-307	8/25/98	16	0	4	PUSH	63	23	BROWN FINE SILT,TRACE GRAVEL,ORGANIC MATTER,FLY
					BS-08F-308	8/25/98	16	25	5	PUSH	67	48	FINE BROWN SILT,TRACE ORGANIC MATTER
					BS-08F-309	8/25/98	16	45	3	PUSH	34	12	FINE BROWN SAND/SILT,ORGANIC MATTER,PLANT MATTER,WHITE FLECKS
					BS-08F-310	8/25/98	17	10	11	PUSH	63	45	FINE BROWN SILT,WOOD CHIPS,TWIGS
AB06140	BS-08F-300	2	5	F	BS-08F-301	8/25/98	9	42	4	PUSH	17	10	FINE BROWN SILT, ROOT
					BS-08F-302	8/25/98	10	7	6	PUSH	76	9	FINE BROWN SILT,TRACE ORGANIC ROOTS
					BS-08F-303	8/25/98	10	37	11	PUSH	57	19	FINE BROWN SILT, TRACE ORGANIC MATTER-ROOTS
					BS-08F-304	8/25/98	13	12	6	PUSH	87	55	FINE BROWN SILT, TRACE ORGANIC MATTER-ROOTS,GRAVEL
					BS-08F-305	8/25/98	13	47	3	PUSH	56	26	FINE BROWN SILT, SOME ORGANIC MATTER,WHITE FLECKS,ROOTS
					BS-08F-306	8/25/98	15	47	6	PUSH	70	31	BROWN SILT,FINE SAND,TRACE ORGANIC MATTER,WHITE FLECKS
					BS-08F-307	8/25/98	16	2	4	PUSH	63	23	FINE BROWN SILT,SOME GRAVEL,ROOTS,TWIGS,WORM
					BS-08F-308	8/25/98	16	27	5	PUSH	67	48	FINE BROWN SILT,TWIGS,LEAVES,GRAVEL
					BS-08F-309	8/25/98	16	47	3	PUSH	34	12	FINE BROWN SAND/SILT,ORGANIC MATTER,PLANT MATTER,WHITE FLECKS
					BS-08F-310	8/25/98	17	12	11	PUSH	63	45	FINE BROWN SILT,SAND,SOME WOOD CHIPS
AB04530	BS-10C-200	s	s	C	BS-10C-201	7/21/98	14	20	13	GRAB	s	s	SHALE FRAGMENTS, COARSE BROWN SAND
					BS-10C-202	7/21/98	14	40	15	GRAB	s	s	GRAVEL, SOME SAND
					BS-10C-203	7/21/98	15	0	14	GRAB	s	s	FINE BROWN SAND, TRACE SHALE
					BS-10C-205	7/21/98	16	25	13	GRAB	s	s	GRAVEL, SOME SAND

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Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB04329	BS-10T-100	0	2	T	BS-10T-101	7/13/98	13	35	2	PUSH	87	39	FINE WET BROWN SILT
					BS-10T-102	7/13/98	14	20	3	PUSH	124	17	FINE WET BROWN SILT
					BS-10T-103	7/13/98	14	45	9	PUSH	na	43	FINE WET BROWN SILT
					BS-10T-104	7/13/98	15	20	3	PUSH	62	19	FINE WET BROWN SILT
					BS-10T-105	7/13/98	15	50	10	PUSH	41	26	FINE WET BROWN SILT WITH TWIG
					BS-10T-106	7/13/98	16	15	5	PUSH	89	37	FINE WET BROWN SILT
AB04332	BS-10T-100	2	5	T	BS-10T-101	7/13/98	13	40	2	PUSH	87	39	FINE MOIST BROWN SILT
					BS-10T-102	7/13/98	14	25	3	PUSH	127	17	FINE MOIST BROWN SILT
					BS-10T-103	7/13/98	14	50	9	PUSH	na	43	FINE MOIST BROWN SILT
					BS-10T-104	7/13/98	15	23	3	PUSH	62	19	FINE MOIST BROWN SILT
					BS-10T-105	7/13/98	15	53	10	PUSH	41	26	MOIST BROWN SILT
					BS-10T-106	7/13/98	16	17	5	PUSH	89	37	FINE MOIST BROWN SILT
AB04411	BS-14C-400	0	2	C	BS-14C-402	7/16/98	18	15	5	PUSH	53	19	AQUATIC GRASS, FINE BROWN SAND/SILT, ORGANIC MATTER
					BS-14C-403	7/16/98	17	55	4	PUSH	52	51	DARK BROWN SILT W/ SOME FINE SAND AND ORGANICS
					BS-14C-404	7/16/98	12	20	5	PUSH	30	20	WET BROWN FINE SAND AND SILT
					BS-14C-405	7/16/98	11	55	5	PUSH	32	25	MOIST FINE BROWN SILT AND SAND
AB04412	BS-14C-400	2	5	C	BS-14C-402	7/16/98	18	20	5	PUSH	53	19	FINE BROWN SAND W/ SOME ORGANIC MATTER INCKUDING TWIGS
					BS-14C-403	7/16/98	17	57	4	PUSH	52	51	DARK BRN SILT W/ SOME FINE SAND & ORGANICS -ROOTS & AQUATIC GRASS
					BS-14C-404	7/16/98	12	23	5	PUSH	30	20	WET BROWN FINE SAND AND SILT WITH SOME ORGANIC MATTER
					BS-14C-405	7/16/98	11	57	5	PUSH	32	25	FINE BROWN SILT AND SAND
AB04645	BS-14C-500	0	2	C	BS-14C-501	7/22/98	16	12	4	PUSH	23	16	SILTY FINE BROWN SAND
					BS-14C-502	7/22/98	16	35	5	PUSH	na	na	SILTY FINE BROWN SAND, EEL GRASS
					BS-14C-503	7/22/98	16	46	2	PUSH	29	9	SILTY FINE BROWN SAND, EEL GRASS
					BS-14C-504	7/22/98	16	58	3	PUSH	51	42	SILTY FINE BROWN SAND, EEL GRASS
					BS-14C-505	7/22/98	17	7	4	PUSH	60	41	SILTY FINE BROWN SAND, ORGANIC MATTER, AQUEOUS
					BS-14C-506	7/22/98	17	28	1	PUSH	20	9	FINE BROWN SAND, ROOTS
AB04646	BS-14C-500	2	5	C	BS-14C-501	7/22/98	16	15	4	PUSH	23	16	SILTY FINE BROWN SAND, WOOD CHIP
					BS-14C-502	7/22/98	16	38	5	PUSH	na	na	SILTY FINE BROWN SAND, ROOTS
					BS-14C-503	7/22/98	16	49	2	PUSH	29	9	SILTY FINE BROWN SAND, ROOTS
					BS-14C-504	7/22/98	17	1	3	PUSH	51	42	SILTY FINE BROWN SAND, ROOTS
					BS-14C-505	7/22/98	17	10	4	PUSH	60	41	SILTY FINE BROWN SAND, MUSSEL,ROOTS
					BS-14C-506	7/22/98	17	31	1	PUSH	20	9	FINE BROWN SAND, ROOTS

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Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB04650	BS-14F-200	0	2	F	BS-14F-201	7/23/98	13	7	7	PUSH	78	31	BROWN SAND, LITTLE FINE SILT
					BS-14F-202	7/23/98	13	30	9	PUSH	78	26	BROWN SILT, LITTLE FINE SAND
					BS-14F-203	7/23/98	13	47	5	PUSH	52	16	BROWN SILT, LITTLE FINE SAND
					BS-14F-204	7/23/98	14	12	10	PUSH	73	10	BROWN SILT, LITTLE FINE SAND
					BS-14F-205	7/23/98	14	30	10	PUSH	74	30	BROWN SILT, LITTLE FINE SAND,SOME ROOTS
					BS-14F-206	7/23/98	14	43	5	PUSH	40	11	BROWN SILT, LITTLE FINE SAND,SOME WOOD CHIPS AND ROOTS
					BS-14F-207	7/23/98	14	59	11	PUSH	40	20	SILTY FINE BROWN SAND, WOOD CHIPS
					BS-14F-208	7/23/98	15	15	11	PUSH	30	21	BROWN SILT, LITTLE FINE SAND
					BS-14F-209	7/23/98	15	28	12	PUSH	51	21	SILTY FINE BROWN SAND
AB04651	BS-14F-200	2	5	F	BS-14F-201	7/23/98	13	10	7	PUSH	78	31	BROWN SAND, LITTLE FINE SILT
					BS-14F-202	7/23/98	13	33	9	PUSH	78	26	BROWN SILT, LITTLE FINE SAND, ORGANIC MATTER
					BS-14F-203	7/23/98	13	50	5	PUSH	52	16	BROWN SILT, ORGANIC MATTER -EEL GRASS
					BS-14F-204	7/23/98	14	15	10	PUSH	73	10	BROWN SILT, LITTLE FINE SAND, LEAF
					BS-14F-205	7/23/98	14	33	10	PUSH	74	30	BROWN SILT, LITTLE FINE SAND,SOME WOOD CHIPS AND ROOTS
					BS-14F-206	7/23/98	14	46	5	PUSH	40	11	BROWN SILT, LITTLE FINE SAND,SOME WOOD CHIPS AND ROOTS
					BS-14F-207	7/23/98	15	2	11	PUSH	40	20	SILTY FINE BROWN SAND, WOOD CHIPS, LEAF
					BS-14F-208	7/23/98	15	18	11	PUSH	30	21	BROWN SILT, LITTLE FINE SAND
					BS-14F-209	7/23/98	15	31	12	PUSH	51	21	SILTY FINE BROWN SAND, LEAF
AB04647	BS-14T-100	0	2	T	BS-14T-101	7/23/98	9	8	10	PUSH	34	23	SILTY FINE BROWN SAND, LITTLE ORGANIC MATTER
					BS-14T-102	7/23/98	9	30	7	PUSH	31	15	SILTY FINE BROWN SAND, EEL GRASS
					BS-14T-103	7/23/98	9	47	6	PUSH	47	27	FINE BROWN SAND, ORGANIC MATTER
					BS-14T-104	7/23/98	10	7	6	PUSH	27	19	SILTY FINE BROWN SAND
					BS-14T-105	7/23/98	10	23	10	PUSH	57	48	SILTY FINE BROWN SAND
					BS-14T-106	7/23/98	10	48	7	PUSH	35	19	SILTY FINE BROWN SAND
					BS-14T-107	7/23/98	11	3	9	PUSH	52	33	SILTY FINE BROWN SAND
					BS-14T-108	7/23/98	11	18	8	PUSH	49	25	SILTY FINE BROWN SAND
					BS-14T-109	7/23/98	11	35	10	PUSH	15	8	FINE BROWN SAND
					BS-14T-110	7/23/98	11	57	9	PUSH	63	40	SILTY FINE BROWN SAND
					BS-14T-111	7/23/98	12	12	11	PUSH	53	7	BROWN MEDIUM SAND

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Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB04648	BS-14T-100	2	5	T	BS-14T-101	7/23/98	9	11	10	PUSH	34	23	FINE BROWN SAND
					BS-14T-102	7/23/98	9	33	7	PUSH	31	15	BROWN FINE SAND, LITTLE GRAVEL, ROOTS
					BS-14T-103	7/23/98	9	50	6	PUSH	47	27	FINE BROWN SAND, ROOTS
					BS-14T-104	7/23/98	10	10	6	PUSH	27	19	FINE BROWN SAND, WOOD CHIP
					BS-14T-105	7/23/98	10	26	10	PUSH	57	48	FINE BROWN SAND
					BS-14T-106	7/23/98	10	51	7	PUSH	35	19	FINE BROWN SAND
					BS-14T-107	7/23/98	11	6	9	PUSH	52	33	FINE BROWN SAND
					BS-14T-108	7/23/98	11	21	8	PUSH	49	25	SILTY FINE BROWN SAND
					BS-14T-109	7/23/98	11	38	10	PUSH	15	8	MEDIUM BROWN SAND
					BS-14T-110	7/23/98	11	0	9	PUSH	63	40	FINE BROWN SAND
					BS-14T-111	7/23/98	12	15	11	PUSH	53	7	BROWN MEDIUM SAND
AB07560	BS-14T-301	0	2	T	BS-14T-301	8/26/98	11	30	13	PUSH	na	3	SHALE FRAGMENTS WITH LITTLE FINE SAND AND SILT
AB07561	BS-14T-302	0	2	T	BS-14T-302	8/26/98	13	15	7	PUSH	45	31	BROWN SILTY FINE SAND
AB07563	BS-14T-303	0	2	T	BS-14T-303	8/26/98	13	47	12	PUSH	83	29	FINE BROWN SAND & GRAVEL, SOME WOOD CHIP
AB07565	BS-14T-304	0	2	T	BS-14T-304	8/26/98	14	5	3	PUSH	117	55	BROWN SILT AQUEOUS
AB07567	BS-14T-305	0	2	T	BS-14T-305	8/26/98	14	26	5	PUSH	17	8	GRAVEL WITH SILT, FINE SAND, MUSSEL SHELL
AB07569	BS-14T-306	0	2	T	BS-14T-306	8/26/98	14	44	7	PUSH	71	22	BROWN SILTY FINE SAND, LITTLE GRAVEL
AB07571	BS-14T-307	0	2	T	BS-14T-307	8/26/98	15	7	8	PUSH	55	27	BROWN SILT WITH SOME FINE SAND, ORGANIC MATTER
AB07573	BS-14T-308	0	2	T	BS-14T-308	8/26/98	15	23	8	PUSH	53	24	SILTY FINE & COARSE SAND, ORGANIC MATTER
AB07562	BS-14T-302	2	5	T	BS-14T-302	8/26/98	13	17	7	PUSH	45	31	BROWN FINE SAND, LITTLE SILT & ORGANIC MATTER
AB07564	BS-14T-303	2	5	T	BS-14T-303	8/26/98	13	50	12	PUSH	83	29	MED. TO COARSE SAND, FINE GRAVEL, FEW WOOD CHIPS
AB07566	BS-14T-304	2	5	T	BS-14T-304	8/26/98	14	7	3	PUSH	117	55	FINE BROWN SILT WITH ORGANIC MATTER
AB07568	BS-14T-305	2	5	T	BS-14T-305	8/26/98	14	28	5	PUSH	17	8	GRAVEL WITH SILT, FINE SAND, MUSSEL SHELL, ORGANIC MATTER
AB07570	BS-14T-306	2	5	T	BS-14T-306	8/26/98	14	46	7	PUSH	71	22	BROWN COARSE AND FINE SAND, FINE GRAVEL
AB07572	BS-14T-307	2	5	T	BS-14T-307	8/26/98	15	9	8	PUSH	55	27	BROWN FINE SAND WITH ORGANIC MATTER
AB07574	BS-14T-308	2	5	T	BS-14T-308	8/26/98	15	25	8	PUSH	53	24	BROWN COARSE SAND WITH SOME MED. SAND
AB04409	BS-15C-200	0	2	C	BS-15C-201	7/16/98	12	55	2	PUSH	73	62	FINE MOIST BROWN SAND AND SILT
					BS-15C-202	7/16/98	13	50	1	PUSH	24	11	FINE BROWN SAND W/ SOME ORGANIC MATTER
					BS-15C-203	7/16/98	14	5	1	PUSH	20	8	FINE DARK BROWN SAND
					BS-15C-204	7/16/98	14	45	7	PUSH	37	30	WET BROWN SAND W/ SOME SILT
					BS-15C-205	7/16/98	15	5	2	PUSH	58	34	WET BROWN SILT W/ ORGANIC MATTER
					BS-15C-206	7/16/98	16	0	10	PUSH	43	27	FINE BROWN SAND W/ TRACE ORGANIC MATTER
					BS-15C-207	7/16/98	16	25	2	PUSH	34	24	WET BROWN SILT W/ SOME ORGANIC MATTER , FINE SAND
					BS-15C-208	7/17/98	9	7	10	PUSH	45	37	COARSE BROWN SAND, GRAVEL, TWIGS
					BS-15C-209	7/17/98	10	35	13	PUSH	50	17	BROWN COARSE SAND, GRAVEL

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					BS-14T-107	7/23/98	11	6		USH	52	33 FINE BROWN SAND
					BS-14T-108	7/23/98	11	21	8	PUSH	49	25 SILTY FINE BROWN SAND
					BS-14T-109	7/23/98	11	38	10	PUSH	15	8 MEDIUM BROWN SAND
					BS-14T-110	7/23/98	11	0	9	PUSH	63	40 FINE BROWN SAND
					BS-14T-111	7/23/98	12	15	11	PUSH	53	7 BROWN MEDIUM SAND
AB07560	BS-14T-301	0	2	T	BS-14T-301	8/26/98	11	30	13	PUSH	na	3 SHALE FRAGMENTS WITH LITTLE FINE SAND AND SILT
AB07561	BS-14T-302	0	2	T	BS-14T-302	8/26/98	13	15	7	PUSH	45	31 BROWN SILTY FINE SAND
AB07563	BS-14T-303	0	2	T	BS-14T-303	8/26/98	13	47	12	PUSH	83	29 FINE BROWN SAND & GRAVEL, SOME WOOD CHIP
AB07565	BS-14T-304	0	2	T	BS-14T-304	8/26/98	14	5	3	PUSH	117	55 BROWN SILT AQUEOUS
AB07567	BS-14T-305	0	2	T	BS-14T-305	8/26/98	14	26	5	PUSH	17	8 GRAVEL WITH SILT, FINE SAND, MUSSEL SHELL
AB07569	BS-14T-306	0	2	T	BS-14T-306	8/26/98	14	44	7	PUSH	71	22 BROWN SILTY FINE SAND, LITTLE GRAVEL
AB07571	BS-14T-307	0	2	T	BS-14T-307	8/26/98	15	7	8	PUSH	55	27 BROWN SILT WITH SOME FINE SAND, ORGANIC MATTER
AB07573	BS-14T-308	0	2	T	BS-14T-308	8/26/98	15	23	8	PUSH	53	24 SILTY FINE & COARSE SAND, ORGANIC MATTER
AB07562	BS-14T-302	2	5	T	BS-14T-302	8/26/98	13	17	7	PUSH	45	31 BROWN FINE SAND, LITTLE SILT & ORGANIC MATTER
AB07564	BS-14T-303	2	5	T	BS-14T-303	8/26/98	13	50	12	PUSH	83	29 MED. TO COARSE SAND, FINE GRAVEL, FEW WOOD CHIPS
AB07566	BS-14T-304	2	5	T	BS-14T-304	8/26/98	14	7	3	PUSH	117	55 FINE BROWN SILT WITH ORGANIC MATTER
AB07568	BS-14T-305	2	5	T	BS-14T-305	8/26/98	14	28	5	PUSH	17	8 GRAVEL WITH SILT, FINE SAND, MUSSEL SHELL, ORGANIC MATTER
AB07570	BS-14T-306	2	5	T	BS-14T-306	8/26/98	14	46	7	PUSH	71	22 BROWN COARSE AND FINE SAND, FINE GRAVEL
AB07572	BS-14T-307	2	5	T	BS-14T-307	8/26/98	15	9	8	PUSH	55	27 BROWN FINE SAND WITH ORGANIC MATTER
AB07574	BS-14T-308	2	5	T	BS-14T-308	8/26/98	15	25	8	PUSH	53	24 BROWN COARSE SAND WITH SOME MED. SAND
AB04409	BS-15C-200	0	2	C	BS-15C-201	7/16/98	12	55	2	PUSH	73	62 FINE MOIST BROWN SAND AND SILT
					BS-15C-202	7/16/98	13	50	1	PUSH	24	11 FINE BROWN SAND W/ SOME ORGANIC MATTER
					BS-15C-203	7/16/98	14	5	1	PUSH	20	8 FINE DARK BROWN SAND
					BS-15C-204	7/16/98	14	45	7	PUSH	37	30 WET BROWN SAND W/ SOME SILT
					BS-15C-205	7/16/98	15	5	2	PUSH	58	34 WET BROWN SILT W/ ORGANIC MATTER
					BS-15C-206	7/16/98	16	0	10	PUSH	43	27 FINE BROWN SAND W/ TRACE ORGANIC MATTER
					BS-15C-207	7/16/98	16	25	2	PUSH	34	24 WET BROWN SILT W/ SOME ORGANIC MATTER , FINE SAND
					BS-15C-208	7/17/98	9	7	10	PUSH	45	37 COARSE BROWN SAND, GRAVEL, TWIGS
					BS-15C-209	7/17/98	10	35	13	PUSH	50	17 BROWN COARSE SAND, GRAVEL

					BS-16F-104	7/15/98	14	5	13	PUSH	76	37 WET FINE BROWN SILT
					BS-16F-105	7/15/98	16	20	12	PUSH	89	35 WET FINE BROWN SILT WITH TWIGS
					BS-16F-106	7/16/98	8	20	4	PUSH	57	24 WET FINE BROWN SILT
					BS-16F-107	7/16/98	8	50	9	PUSH	63	27 WET FINE BROWN SILT
AB04414	BS-16F-100	2	5	F	BS-16F-101	7/14/98	15	40	14	PUSH	97	28 MOIST FINE BROWN SILT, SOME BROWN SAND
					BS-16F-102	7/14/98	16	17	8	PUSH	69	29 MOIST FINE BROWN SILT, TRACE FINE SAND
					BS-16F-103	7/15/98	13	35	15	PUSH	79	16 MOIST FINE BROWN SILT
					BS-16F-104	7/15/98	14	8	13	PUSH	76	37 MOIST FINE BROWN SILT W/ STONE
					BS-16F-105	7/15/98	16	23	12	PUSH	89	35 MOIST FINE BROWN SILT
					BS-16F-106	7/16/98	8	22	4	PUSH	57	24 MOIST FINE BROWN SILT W/ TWIG
					BS-16F-107	7/16/98	8	53	9	PUSH	63	27 MOIST FINE BROWN SILT

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Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB04652	BS-18C-200	0	2	C	BS-18C-202	7/23/98	16	22	6	PUSH	24	6	FINE/MEDIUM BROWN SAND, FINE GRAVEL
					BS-18C-203	7/23/98	16	37	4	PUSH	31	19	FINE/MEDIUM BROWN SAND, FINE GRAVEL
					BS-18C-204	7/23/98	17	0	10	PUSH	31	13	GRAVEL, FINE SAND
AB04653	BS-18C-200	2	5	C	BS-18C-202	7/23/98	16	25	6	PUSH	24	6	FINE/MEDIUM BROWN SAND, FINE GRAVEL
					BS-18C-203	7/23/98	16	40	4	PUSH	31	19	FINE BROWN SAND, FINE GRAVEL
					BS-18C-204	7/23/98	17	3	10	PUSH	31	13	FINE/MEDIUM BROWN SAND, FINE GRAVEL
AB04641	BS-18C-300	0	2	C	BS-18C-301	7/22/98	11	0	8	PUSH	20	13	FINE BROWN GRAVEL WITH SOME SAND
					BS-18C-302	7/22/98	11	40	9	PUSH	36	9	COARSE BROWN SAND AND GRAVEL
					BS-18C-304	7/22/98	12	22	3	PUSH	65	25	SILTY FINE BROWN SAND, ORGANIC MATTER
AB04642	BS-18C-300	2	5	C	BS-18C-301	7/22/98	11	3	9	PUSH	20	13	FINE BROWN GRAVEL WITH MEDIUM SAND
					BS-18C-302	7/22/98	11	43	9	PUSH	36	9	COARSE BROWN SAND AND GRAVEL
					BS-18C-304	7/22/98	12	25	3	PUSH	65	25	SILTY FINE BROWN SAND, ORGANIC MATTER, SOME MEDIUM SAND
AB04330	BS-18C-400	0	2	C	BS-18C-401	7/14/98	15	43	14	PUSH	97	28	FINE WET BROWN SILT
					BS-18C-402	7/14/98	10	30	3	PUSH	50	38	BROWN FINE SILT, TRACE OF GRAY BROWN CLAY
					BS-18C-403	7/14/98	10	55	6	PUSH	51	17	MEDIUM BROWN SAND WITH SOME GRAVEL AND SILT
					BS-18C-404	7/14/98	11	20	4	PUSH	39	29	GRAVEL AND BROWN COARSE SAND. TRACE MED/FINE BROWN SAND
					BS-18C-405	7/14/98	11	50	9	PUSH	57	37	GRAVEL WITH BROWN SILTY SAND
					BS-18C-406	7/14/98	12	20	2	PUSH	81	50	WET BRN SILT W/ ORG. MATTER - TWIG, AQUATIC PLANT MATERIAL
					BS-18C-407	7/14/98	12	50	8	PUSH	34	15	GRAVEL W/ MEDIUM BROWN SAND. WET BROWN SILT
					BS-18C-408	7/14/98	13	30	8	PUSH	40	39	BROWN MEDIUM SAND W/ SOME GRAVEL
AB04331	BS-18C-400	2	5	C	BS-18C-401	7/14/98	15	43	14	PUSH	97	28	FINE MOIST BROWN SILT
					BS-18C-402	7/14/98	10	33	3	PUSH	50	38	TRACE FINE BROWN SILT. GRAY BROWN CLAY. TRACE ORGANIC MATTER
					BS-18C-403	7/14/98	10	57	6	PUSH	51	17	BROWN/GRAY COARSE SAND WITH SOME GRAVEL
					BS-18C-404	7/14/98	11	23	4	PUSH	39	29	GRAVEL AND BROWN COARSE SAND. TRACE MED/FINE BROWN SAND
					BS-18C-405	7/14/98	11	53	9	PUSH	57	37	BROWN MEDIUM SAND WITH TRACE GRAVEL
					BS-18C-406	7/14/98	12	23	2	PUSH	81	50	MOIST BROWN SILT W/ ORGANIC MATTER- ROOTS WOODCHIP
					BS-18C-407	7/14/98	12	55	8	PUSH	34	15	GRAY CLAY AND MEDIUM BROWN SAND AND GRAVEL
					BS-18C-408	7/14/98	13	35	8	PUSH	40	39	BROWN MEDIUM SAND W/ SOME GRAVEL
AB04407	BS-18C-501	0	2	C	BS-18C-501	7/17/98	11	2	15	PUSH	6	4	FINE BROWN UNCONSOLIDATED SILT
AB04408	BS-18C-501	2	4	C	BS-18C-501	7/17/98	11	4	15	PUSH	6	4	FINE BROWN/GREY UNCONSOLIDATED SILT
AB04639	BS-18T-100	0	2	T	BS-18T-101	7/21/98	8	25	7	PUSH	30	28	DARK BROWN SILT, SOME FINE SAND, ORGANIC MATTER
					BS-18T-102	7/21/98	9	5	1	PUSH	13	5	FINE BROWN SILT, SOME ORGANIC MATTER
					BS-18T-103	7/21/98	9	30	7	PUSH	55	35	FINE BROWN SILT, SOME ORGANIC MATTER, ROOTS
					BS-18T-104	7/22/98	10	15	10	PUSH	54	27	MEDIUM/COARSE DARK BROWN SAND, SOME GRAVEL

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Table D-1. Discrete cores composited for the Broad Scale Surface Sediment Survey.

Laboratory Composite ID	Composite Sample Location	Sample Depth Start (cm)	Sample Depth End (cm)	Sediment Texture Class	Discrete Sediment Core Collection Information: Sample Location	Sample Date	Time hr	Time min	River Depth (cm)	Sample Collection Method	Core Depth (cm)	Length Recov. (cm)	Field log sediment texture description
AB04640	BS-18T-100	2	5	T	BS-18T-101	7/21/98	8	37	7	PUSH	30	28	DARK BROWN SILT, SOME FINE SAND, ORGANIC MATTER
					BS-18T-102	7/21/98	9	7	1	PUSH	13	5	FINE BROWN SILT, SOME ORGANIC MATTER
					BS-18T-103	7/21/98	9	33	7	PUSH	55	35	FINE BROWN SILT, SOME ORGANIC MATTER, ROOTS
					BS-18T-104	7/22/98	10	18	10	PUSH	54	27	MEDIUM/COARSE DARK BROWN SAND, SOME GRAVEL

Notes:
s = indicates surface grab sample.
na = indicates data is not available.

Sediment texture classes:
C = Coarse
F = Fine
T = Transitional

Source: O'Brien & Gere Engineers, Inc. field log documentation

APPENDICES E, F and G
(Bound separately)

Data Validation Technical Memorandum
(Appendix E)

PCB data packages
(Appendix F)

Additional data packages
(Appendix G)