

REPORT

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*MCP Supplemental Phase
II Report for the Allendale
School Property*

General Electric Company
Pittsfield, Massachusetts

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BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

6723 Towpath Road, P.O. Box 66
Syracuse, New York, 13214-0066
(315) 446-9120

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1. Introduction

1.1 General

This *MCP Supplemental Phase II Report for the Allendale School Property* (Supplemental Phase II Report) summarizes the activities performed by the General Electric Company (GE) over the last several months concerning the presence of polychlorinated biphenyls (PCBs) and other hazardous constituents at the Allendale School Property in Pittsfield, Massachusetts (Site No. 1-0960). This Supplemental Phase II Report has been prepared consistent with the *MCP Supplemental Phase II Scope of Work for the Allendale School Property* (Supplemental Phase II SOW), dated November 1996, as conditionally approved by the Massachusetts Department of Environmental Protection (MDEP) via letter dated March 5, 1997. This report is the second investigation report completed to date for the Allendale School Property under the provisions of the Massachusetts Contingency Plan (MCP) (310 CMR 40.0000). A previous report, entitled *MCP Interim Phase II Report for the Allendale School Property* (Interim Phase II Report, Blasland & Bouck, January 1993), was prepared consistent with the MCP and provided a significant volume of information toward the characterization of current site conditions. To further supplement the information presented in that report, additional field investigations were performed between April and July 1997 and are summarized herein. These two reports contain the majority of information necessary to satisfy MCP requirements concerning the investigation component of an MCP Phase II Comprehensive Site Assessment, although some remaining data needs have been identified and are presented herein. This report also represents a proposal for filling those data needs. Additional background information is presented below.

1.2 Background

The Allendale School Property is located to the north of the GE facility across the Tyler Street Extension, and is bordered on the other three sides by residential areas (Figure 1). The school occupies approximately 30,000 square feet on approximately 12 acres. At the time of the school's construction in 1950, GE and the City of Pittsfield

entered into an agreement under which GE allowed the City to remove soil material from GE property for use as fill material at the school property.

Concerns associated with the Allendale School Property were initially identified by the MDEP during construction of the Pittsfield Generating Company Facility (PGC Facility, formerly known as the Altresco Corporation Cogeneration Facility), located on GE property southeast of the school property. The presence of PCBs in soil at the GE property, and the available information concerning the prior use of fill material at the property, led to MDEP concerns regarding the potential presence of PCBs in the fill at the Allendale School Property. In response, the MDEP performed a soil and surface water sampling program for this area in January 1990, from which low levels of PCBs were detected in the surficial soils in the southeast corner of the Allendale School Property. The MDEP subsequently established a PCB concentration of 2 parts per million (ppm) (dry weight) as the "level of concern" for surficial soils in this area. While two samples collected from the school property by the MDEP exceeded this concentration, surface water sampling results did not detect PCBs.

The detection of PCBs above 2 ppm in soils by the MDEP at the property led to several subsequent sampling events by GE to characterize the presence and extent of PCBs, as well as to assess the potential presence of other hazardous constituents at the site. These activities were conducted between April and September 1990. As a result of these investigations, GE evaluated a range of options to reduce the potential for human contact with soils containing PCBs above the MDEP's level of concern (i.e., 2 ppm). GE's evaluation was presented in a document entitled *Study of Potential Remedial Options for PCB-Containing Soils at the Allendale School Property* (Blasland & Bouck, September 1990). In a March 15, 1991 letter to GE, the MDEP conditionally approved the containment/capping option presented in that report as an MCP Short-Term Measure (STM). As conditionally approved by the MDEP, the STM involved the placement of a geotextile layer overlain with a minimum of 2 feet of "clean" soil over those areas where soil PCB concentrations exceeded 2 ppm within the top 3 feet of existing soil. In addition, improvements to the existing surface water drainage system in the area were part of the STM.

The MDEP's approval conditions were incorporated into a revised version of the report entitled *Study of Potential Remedial Options for PCB-Containing Soils at the Allendale School Property* (Blasland & Bouck, April 1991). Construction activities were initiated and completed in the summer of 1991, in accordance with the STM approved by the MDEP.

In a letter dated March 6, 1992, the MDEP classified the Allendale School Property as a priority disposal site under the MCP, required that further remedial response action be performed, and required that a Scope of Work (SOW) for a Phase II Comprehensive Site Assessment be submitted within 60 days of the date of the letter. On May 4, 1992, GE submitted to the MDEP a Phase II SOW to address data needs associated with the Phase II Comprehensive Site Assessment. The activities proposed in that document were conditionally approved by the MDEP in a letter dated June 30, 1992 and subsequently initiated thereafter.

In January 1993, GE submitted to the MDEP the Interim Phase II Report. On September 13, 1996, after review of that document, the MDEP directed GE to: (a) submit an Imminent Hazard Evaluation Proposal for surface and near-surface soil sampling and analysis at the Allendale School Property to evaluate whether a potential "imminent hazard" exists; (b) submit thereafter a Supplemental Phase II SOW proposing additional investigations; and (c) upon completion of the additional investigations, submit a Supplemental Phase II Report for the property. On September 27, 1996, GE submitted an *Imminent Hazard Evaluation Proposal*, which was conditionally approved by the MDEP in a letter dated October 10, 1996. In support of the imminent hazard evaluation, GE collected soil samples from the surface (0- to 6-inches) and near-surface (6- to 12-inches) from 114 grid node locations based on a 50-foot grid. Concentrations of PCBs were greater than 2 ppm in only two out of 114 locations, at both the 0- to 6-inch and 6- to 12-inch intervals (AS-96-76, AS-96-80). None of the 114 surface samples had PCB concentrations greater than the MCP potential imminent hazard threshold of 10 ppm, and only one out of 114 of the near-surface samples had a PCB concentration greater than 10 ppm (16 ppm, location AS-96-80, 6- to 12-inch interval). On December 6, 1996, GE submitted the requested *Imminent Hazard Evaluation Report*. Based on the

available information, GE concluded that a potential imminent hazard as defined in the MCP (310 CMR 40.0321(2)(b)) does not exist at the schoolyard.

On November 18, 1996, GE submitted the Supplemental Phase II SOW, which was conditionally approved by the MDEP in a letter dated March 5, 1997. In accordance with the Supplemental Phase II SOW, as well as the contents of the MDEP's March 5, 1997 conditional approval letter, this report summarizes the activities performed between April and July 1997. In general, the activities performed during this time frame included sampling and analysis of soils, installation of monitoring wells, sampling and analysis of groundwater, and sampling and analysis of stormwater/sediments. Additional information regarding the scope and results of these activities are presented in subsequent sections of this report. The format of this report is discussed below.

1.3 Format of Document

The remainder of this Supplemental Phase II Report summarizes each of the activities completed to date by GE, either as proposed in the Supplemental Phase II SOW, or as conditionally approved in subsequent correspondence from the MDEP. The results of the supplemental investigations are discussed, as appropriate, in association with data that were presented in prior reports. Additionally, a supplement will be prepared and submitted shortly that contains the laboratory analytical summary data sheets from the 1996-7 investigations and a summary of the data evaluation of those data sets (using the Tier I/Tier II data evaluation process outlined in the SAP/DCAQAP). The format and contents of the remainder of this report are as follows:

- Section 2 of this document provides a summary of the supplemental soil investigations for the Allendale School Property. The soil sampling effort was conducted to further define the horizontal and vertical extent of PCBs and fill materials at the property and obtain additional information on the presence of other non-PCB hazardous constituents at the property. As indicated in Section 2, the supplemental investigation activities were performed

between April 1997 and July 1997. Also included in this section is a discussion of soil sampling and analysis associated with the planned expansion to the school building.

- Section 3 describes the supplemental groundwater investigations, including the installation of additional groundwater monitoring wells, groundwater sampling and analysis involving new wells and select existing wells, and construction of a revised groundwater table contour map.
- Section 4 presents information concerning several miscellaneous activities associated with this property, including a discussion on background concentrations in soil and groundwater, collection and analysis of stormwater and sediment samples, information concerning the location of stormwater drains at and around the site, and a discussion regarding the possible source of polychlorinated dibenzofurans (PCDFs) that have been detected in certain soil samples.
- Section 5 provides a discussion regarding additional data needs and proposed activities to address such needs.
- Section 6 presents a proposed schedule for the activities to address additional data needs.

2. Characterization of Property Soils

2.1 General

This section describes the supplemental investigation activities conducted at the Allendale School Property concerning the presence and extent of PCBs and other hazardous constituents in the surface, near-surface, and subsurface soils within the property. The locations of soil samples taken and results of PCB soil analytical data from previous investigations are shown on Figures 2, 3, and 4. The locations of soil samples taken and the results of PCB soil analytical data for this investigation are shown on Figure 5. All tasks that involved sampling and analysis were performed in accordance with GE's *Sampling and Analysis Plan/Data Collection and Analysis Quality Assurance Plan (SAP/DCAQAP)*, dated May 1994, with subsequent revisions approved by the Agencies.

2.2 MCP Investigations of Surface and Near-Surface Soils

Since the Interim Phase II Report was submitted to the MDEP in January 1993, surficial soils at the Allendale School Property have been investigated in October 1996 as part of an imminent hazard evaluation, and more recently as part of the Allendale School expansion activities. Specifically, the results of surface soil sampling completed in October 1996 indicated the presence of PCBs at concentrations greater than 2 ppm at two sample locations (AS-96-76 and AS-96-80, for both the 0- to 6- inch and 6- to 12-inch depth increments) along the east side of the property (Figure 4). To further define the extent of PCBs in surface soils near these locations, additional surface and near-surface soil samples were obtained as part of the Supplemental Phase II investigations.

In April 1997, surface soil samples were obtained from 0- to 6-inch and 6- to 12-inch depth intervals near the two previous sample locations discussed above where PCBs were detected (in areas outside of the cap) at concentrations exceeding 2 ppm. Samples AS-97-120, AS-97-121, and AS-97-122 were located approximately 20 feet north, south, and east, respectively, of sample location AS-96-76. Samples AS-97-123, AS-97-124, AS-97-125, and AS-

97-126 were located within 20 feet west, north, south, and east, respectively, of sample location AS-96-80. These sample locations are shown on Figure 5.

Each of the surface and near-surface soil samples (14 total) was analyzed for PCBs, and screened for volatile organic compounds (VOCs) using a portable photoionization detector (PID). All samples with a screening result greater than 10 PID units were to be submitted for analysis of constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents - benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine, plus pesticides and herbicides (hereafter referred to as Appendix IX+3). Since screening results greater than 10 PID units were not recorded, no samples were submitted for Appendix IX+3 analysis.

Results of all soil PCB analyses are summarized in Table 1. PCBs were not detected in either the 0- to 6-inch or 6- to 12-inch depth interval at location AS-97-121. With respect to the remaining locations, all six samples taken from the 0- to 6-inch depth interval had PCB concentrations less than 2 ppm, ranging from 0.084 ppm to 1.9 ppm, while five samples taken from the 6- to 12-inch depth interval had PCB concentrations greater than 2 ppm, ranging from 4.2 ppm to 12 ppm.

2.3 MCP Supplemental Investigation of Subsurface Soils

The MDEP's letter of September 13, 1996 required GE to propose additional soil borings and sampling to define the horizontal extent of PCBs outside the capped area and further define the vertical extent of PCBs at the southern edge of the school property. A total of 26 soil borings were installed based on the proposal in the Supplemental Phase II SOW (16 boring locations), supplemented by the March 5, 1997 conditional approval letter from the MDEP (adding 10 additional boring locations). All boring locations are shown on Figure 5.

Five borings (ASB-1, ASB-2, ASB-4, ASB-5, and SCH-1) were installed based on a 200-foot by 200-foot grid in the area outside the surface cover, as shown on Figure 5. Fifteen additional soil borings were installed at the following locations outside of the surface cover limits:

- one boring (SCH-2) at the same location as the former temporary piezometer A-1;
- one boring (SCH-3) at the same location as the former temporary piezometer A-2;
- one boring (ASB-3) at the location of the Gifford Engineering sample location B-22-96 (to verify the prior sampling results at that location);
- two borings (ASB-14 and ASB-15) located 40 feet to the northeast and northwest, respectively, from ASB-3;
- three borings (ASB-6, ASB-7, and ASB-8) between ASB-3 and former sampling locations T-9 through T-12 (see Figure 3);
- two borings (ASB-9 and ASB-10) between the back of the school building and the capped area;
- one boring (ASB-11) to the east of the cap as close as feasible to the existing wetland area;
- two borings (ASB-12 and SCH-4) to the south of the cap and north of the Tyler Street Extension; and
- two borings (ASB-20 and ASB-21) at prior surface soil sample locations AS-96-76, and AS-96-80, respectively.

In addition, six soil borings (ASB-13, ASB-16, ASB-17, ASB-18, ASB-19, and ASB-22) were installed within the capped area. Those six additional soil borings included:

- one boring (ASB-13) installed between boring B-60 and sample location SS-24;
- one boring (ASB-16) installed between boring B-18 and sample location SS-24;
- one boring (ASB-17) installed between borings B-2 and B-8;
- one boring (ASB-18) installed between borings B-9 and B-17;
- one boring (ASB-19) installed between sample location SS-24 and the eastern edge of the cap; and
- one boring (ASB-22) installed at boring location K-6.

The sampling performed at each location differed slightly depending on the specific boring, but generally included samples from the surface and near-surface soils, and subsequent subsurface sampling in 2-foot depth increments. Samples were collected to a depth of approximately 2 feet below the fill/original grade interface, as visually determined during the field activities. A total of 148 samples from 26 soil borings were submitted for analysis of PCBs (Table 1). All soil samples were analyzed for PCBs, and screened for VOCs using a PID. Since screening results greater than 10 PID units were not detected, no samples were submitted for Appendix IX+3 analysis. Upon completion, the boreholes were abandoned by placing a cement/bentonite grout seal via tremie pipe from the total boring depth to within 1 foot of the ground surface. Topsoil was then placed in the borehole up to the ground surface level. This method of cap repair was based upon verbal agreements between GE and the MDEP.

In addition, the following seven soil samples from selected borings were submitted for analysis of Appendix IX+3 constituents (Tables 2-4):

- the easternmost new boring between the capped area and the Tyler Street Extension (SCH-4, 8- to 10-foot depth interval);
- the boring to the east of the cap near the wetland area (ASB-11, 3- to 5-foot depth interval);
- the boring between the capped area and Virginia Avenue (SCH-2, 6- to 8-foot depth interval);
- one of the borings between the school building and the cap (SCH-3, 2- to 4-foot depth interval);
- the boring at Gifford Engineering sample location B-22-96 (ASB-3, 3- to 5-foot depth interval);
- the upgradient boring to the north of the school (SCH-1, 8- to 10-foot depth interval); and
- boring ASB-19 (2- to 4-foot depth interval).

All of these borings are shown on Figure 5. A summary of the analytical results generated from these efforts is presented below.

2.3.1 PCBs

A total of 70 of 148 subsurface soil samples indicated the presence of PCBs (Table 1). Fifty-one of the 70 samples had PCB concentrations less than 2 ppm, and 15 samples exhibited PCB concentrations ranging from 2 ppm to 50 ppm. Four samples (ASB-12, 3- to 5-feet; ASB-18, 4- to 6-feet; ASB-19, 2- to 4-feet; and ASB-19, 4- to 6-feet) exhibited PCB concentrations greater than 50 ppm. The maximum PCB concentration measured (810 ppm) occurred within the limits of capped area at soil boring ASB-19 (4- to 6-foot depth interval).

2.3.2 Other Non-PCB Hazardous Constituents

Regarding Appendix IX+3 VOCs, only chlorobenzene was detected in one soil boring (ASB-19) at a concentration of 0.009 ppm (Table 2). No other VOCs were detected.

The following 13 semivolatile organic compounds (SVOCs) were detected at concentrations exceeding their Contract Laboratory Program (CLP)-required quantitation limits: 1,2,4,5-tetrachlorobenzene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene (Table 2). Ten SVOCs were detected in at least one sample at estimated concentrations greater than the associated instrument detection limits, but less than the CLP-required quantitation limits. Among these compounds, one compound, bis(2-ethylhexyl)phthalate, was also detected at similar concentrations in the associated method blank. These SVOC compounds were detected primarily in samples from soil borings ASB-3 and SCH-3.

Two pesticides were detected at concentrations greater than the CLP-required quantitation limits (Table 2). 4,4'-DDT was detected in SCH-3 at a concentration of 0.0023 ppm, while dieldrin was detected in ASB-3 and ASB-19 at concentrations of 0.23 ppm and 6.4 ppm, respectively.

Several inorganic constituents were detected in the soil samples submitted for Appendix IX+3 constituents (Table 3). For the purposes of this report, discussion will be limited to the RCRA metals. Eight RCRA metals were detected in the soil samples. Three metals (cadmium, selenium, and silver) were detected in at least one sample at estimated concentrations greater than the instrument detection limits for the compounds, but less than the CLP-required detection limits. Mercury was detected in three samples, at concentrations ranging from 0.04 ppm to 0.13 ppm. Four metals (arsenic, barium, chromium, and lead) were detected in all seven soil samples.

Polychlorinated dibenzo-p-dioxins (PCDDs) were detected in two samples, ASB-3 (3- to 5-feet) and ASB-19 (2- to 4-feet), at 0.00019 ppm and 0.001 ppm total PCDDs, respectively (Table 4). PCDFs were detected in five samples, ASB-3 (3- to 5-feet), ASB-11 (3- to 5-feet), ASB-19 (2- to 4-feet), SCH-1 (8- to 10-feet), and SCH-3 (2- to 4-feet), at total PCDF concentrations ranging from 0.00000084 ppm to 0.0061 ppm.

2.4 Capped Area Soil Sampling and Analysis

In its conditional approval letter dated March 5, 1997, the MDEP required sampling of the existing cap materials in the vicinity of each of the six borings installed within the capped area and through the cap (Figure 5). These additional samples were collected following the installation and sampling of the six borings within the capped area. One sample was placed within 5 feet of each boring (ASB-13, ASB-16, ASB-17, ASB-18, ASB-19, and ASB-22). Samples were collected from the 0- to 6-inch depth interval and thereafter in 1-foot intervals until the base of the cap was reached. All soil samples were analyzed for PCBs, and screened for VOCs using a PID. All samples with screening results greater than 10 PID units were to be analyzed for Appendix IX+3 constituents; however no results greater than 10 PID units were recorded.

A total of 18 samples of the cap materials were collected. PCBs were detected in five samples, but at concentrations ranging only as high as 0.70 ppm (occurring at AS-97-127 in the 1.5- to 2-foot depth interval). The maximum detected PCB concentration was consistent with the results of sampling and analysis of the surface cover

materials prior to their use in the construction of the surface cover. Specifically, the materials proposed for use in the construction of the surface cover were sampled and analyzed for PCBs and select Appendix IX+3 constituents. The maximum detected PCB concentration resulting from this effort (0.8 ppm) was greater than the results recently obtained as described above. In addition, all of the results are below the PCB concentration considered acceptable for "clean" soils.

2.5 Miscellaneous Investigations

In April 1996, Gifford Engineering, on behalf of Barry Architects, Inc. and at the direction of the City of Pittsfield, installed seven borings within the property. Soil samples were collected primarily for structural purposes in support of proposed building additions to the school building and were not specifically collected as part of the Phase II investigation. However, soil samples from the top 4 feet at two borings were submitted for PCB analysis. The results indicated that PCBs were not present at concentrations above 2 ppm. At the MDEP's direction, Gifford Engineering completed additional soil sampling on August 22, 1996 (Figure 3). That additional soil sampling consisted of the installation of 13 borings, and collection of soil samples collected in 2-foot intervals from ground surface to depths of up to 10 feet (Gifford Engineering, 1996). (Note: some of the identification names of the soil borings collected by Gifford Engineering were identical to soil borings taken by GE. To better distinguish between the borings, the Gifford Engineering soil boring labels were modified with a "-96" attached to each soil boring label. Hence, the Gifford Engineering soil borings are now labeled B-20-96 through B-32-96). All analytical results from this sampling indicated PCB concentrations of less than 2 ppm with the exception of four subsurface borings. These borings consisted of B-20-96 (8- to 10-feet), B-21-96 (4- to 6-feet), B-22-96 (2- to 4-feet), and B-22-96 (4- to 6-feet), which had PCB concentrations of 5.42, 10.6, 24.4 and 2.73 ppm, respectively.

In April 1997, 26 additional soil borings were collected in the vicinity of the proposed building expansion prior to the start of excavations (Figure 2). The borings were sampled at 2-foot intervals to depths at least 2-feet beyond the extent of fill as determined based on historical topographic mapping predating the construction of the school.

Of the 91 soil samples submitted for analysis, 63 showed non-detectable levels of PCBs. Sample PRE-24 (4- to 6-foot depth interval) had a measured PCB concentration of 11 ppm. The remaining samples for which PCBs were detected had concentrations of 1 ppm or less.

In April 1997, the City of Pittsfield removed two underground storage tanks from the Allendale School Property located along the western side of the main school building (Figure 2). On April 23, 1997, GE collected two soil samples from locations beneath each of the former tanks (AS-UST-1 and AS-UST-2) at the base of the excavation. These samples were collected as grab samples from the 0- to 6-inch depth interval beneath the former tanks, and submitted for PCB analysis. The soil samples had PCB concentrations of 0.86 ppm and 0.059 ppm.

2.6 Geologic Characteristics

Site-specific geologic information was collected during implementation of previous and recent subsurface investigations at the site. This information was primarily obtained from soil borings advanced during various subsurface investigations, as outlined in Sections 2.2 and 2.3 of this report, and depicted on Figures 2-5. All available subsurface geologic logs were evaluated and re-interpreted, as appropriate, to develop a generalized stratigraphy of the Allendale School Property that is consistent with the geologic framework of the region and adjacent areas of investigation.

Figures 3 and 5 show the locations of the three cross sections developed to show the generalized stratigraphy of the Allendale School Property. Figure 6 (Cross Section A-A'), Figure 7 (Cross Section B-B'), and Figure 8 (Cross Section C-C') were originally developed for the MCP Interim Phase II Report, and have been revised and updated with geologic information obtained during the recent supplemental investigation. Subsurface boring logs from the recent Supplemental Phase II investigations, as well as previous investigations, are presented in Attachment B.

In general, the subsurface soils encountered at the site consist of the following units from ground surface downward: 2 to 3 feet of cap material ("clean" soil and a geotextile layer); fill/surficial soils - including topsoil and recent alluvial sediments; glaciofluvial sands; black organic peat and silt, gray silt, gray to black sand and silt, and clayey silt interpreted as glacial till. These overburden units unconformably overlie meta-sedimentary bedrock. A general discussion of the site geology as encountered at the Allendale School Property is presented below.

2.6.1 Fill

Fill materials, where detected, consisted primarily of brown, fine to medium sand with some areas of silt and clay. The fill material appears to have been used to elevate the ground surface in a preexisting depression, which was located in the present area of the schoolyard. The fill thickness is generally 4 feet thick, but does extend to a maximum observed depth of 11 feet below grade, and appears to decrease outside of the capped area, as depicted in the cross sections (Figures 6 through 8).

2.6.2 Glaciofluvial Sand

This unit is described as light brown to red-brown, fine to coarse, loose, poorly- to well-sorted sand with approximately 10 to 20 percent of fine to medium gravel and up to 20 percent silt. In general, this unit was observed in the northern and western portions of the site, and was absent in the capped area of the site as shown in the cross sections (Figures 6 through 8).

2.6.3 Till

The gray-brown silt, black sand and silt, and clayey silt, interpreted as a glacial till unit, was generally encountered throughout the site except where the upper surface of the unit was below the completion depth of the borings as shown in the cross sections (Figures 6 through 8). The top of the till unit was encountered at 6 feet below grade in the northern portion of the site and at approximately 11 feet below grade in the central portion of the site where cap was constructed.

2.6.4 Peat

The black organic peat and silt unit was encountered underlying the fill material along the south and southeastern site boundary as depicted on Figure 6 (Cross Section A-A'). Figure 8 (Cross Section C-C') indicates that the peat unit extends north approximately 350 feet into the Allendale School Property, and is underlain by the till unit. The peat unit may be indicative of the marshy conditions that were previously present throughout the site (prior to the filling activities and development of the property), and still present today in certain portions of the property.

2.6.5 Cross Sections

Figure 6 (Cross Section A-A') depicts the general stratigraphy encountered along the south and southeastern boundary of the study area. A fill layer approximately 5 feet thick occurs along the southern boundary of the site thinning to the east, and not observed to the west. The fill material is underlain by the black peat and silt unit. The till unit was observed at the base of all except the western borings. Red-brown glaciofluvial sand was observed near the surface in the western portion of the site where the fill and till units were not observed.

Figure 7 (Cross Section B-B') depicts the general stratigraphy encountered along the north, northwestern boundary of the study area. Fill material ranging from 4 to 11 feet in thickness occurs in the central portion of the site. Fill material was not observed in the borings at the eastern and western ends of the B-B' cross section line. The fill material is underlain by the black and gray-brown till unit. The red-brown glaciofluvial sand unit was observed in the eastern and western portions of the site where the fill was not observed.

The general stratigraphy encountered along the north-south trending cross section C-C' is presented on Figure 8. The cross section depicts a thin layer of fill materials approximately 2 to 3 feet thick across the majority of the site. An approximately 5-foot thick wedge of the glaciofluvial sand unit was observed in the northern portion of the site, where there was no evidence of the fill layer. A 1- to 2-foot thick layer of the black peat and silt unit was observed along the southern portion of the C-C' cross section line. The entire section is underlain by the till unit.

2.7 Extent of Affected Soil

Figure 9 illustrates the general horizontal extent of impacted material as areas containing PCB concentrations greater than 2 ppm, and Figures 6, 7, and 8 illustrate the general vertical extent of impact with respect to subsurface lithology. As illustrated by these figures, the horizontal extent of PCB-containing soil material is generally encompassed by the existing cap, with the exception of relatively small areas along its eastern side (in vicinity of locations AS-96-76 and AS-96-80), the southwestern side of the main school building (in the vicinity of ASB-3), as well as along Tyler Street Extension (in the vicinity of ASB-12).

The vertical extent of PCB presence appears to generally range 5 to 7 feet below the surface, but up to approximately 12 feet near the south corner of the main school building (borings B-20-96 and B-66). In some instances, the vertical extent of PCBs in the subsurface soils has not been fully delineated. As a result, some additional investigations are proposed, as discussed in Section 6.

With respect to the presence of subsurface fill material, as part of the preparation of the Supplemental Phase II SOW, a review of available information was conducted to estimate the extent of fill material and PCBs. Historical drawings were obtained which show topographical information associated with the filling efforts that occurred on the property. The current site topography (before the recent construction of the cap) closely matched the elevations associated with the drawing from 1951 (representing post-filling conditions). Based on this information, it was concluded that no significant additional fill was brought onto the Allendale School Property after the 1951 construction efforts.

3. Groundwater Sampling and Analysis

3.1 General

Groundwater investigations were originally conducted at the Allendale School Property in August and December 1992. The analytical results of filtered samples from the December sampling effort showed the presence of PCBs at concentrations of up to 0.19 parts per billion (ppb). Based on the results of these initial efforts, the scope of the groundwater component of the MCP Phase II investigation has expanded. This section describes the sampling efforts and presents the results of the sample analyses. All tasks that involved sampling and analysis were performed in accordance with GE's SAP/DCAQAP.

3.2 Description of Groundwater Sampling and Analysis

To further assess the potential presence of PCBs and other Appendix IX+3 constituents in groundwater, four of the soil borings described in Section 2.3 were converted to monitoring wells. These included: (1) the boring located between the capped area and Virginia Avenue (SCH-2); (2) the upgradient boring to the north of the school (SCH-1); (3) one of the borings between the school building and the capped area (SCH-3); and (4) the easternmost new boring between the capped area and the Tyler Street Extension (SCH-4), as illustrated on Figure 5. The areas south of the school property are already encompassed by a monitoring well network, including existing monitoring wells 78-6 and NY-4, along with the other monitoring wells present at the Hill 78 Area Site. New monitoring well SCH-1 was installed to provide data from north of the area, monitoring wells SCH-2 and SCH-3 were installed to provide data from the areas of the former temporary piezometers, and monitoring well SCH-4 was installed to provide additional groundwater data in the southeastern area of the site.

Groundwater from the four new monitoring wells (SCH-1, SCH-2, SCH-3, and SCH-4) and existing downgradient wells 78-6 and NY-4 were sampled on May 19 and 20, 1997 and analyzed for PCBs and Appendix IX+3 constituents. Water level measurements were obtained on May 19, 1997 and the well volumes calculated. The

wells were purged of their well volumes and allowed to recharge overnight. Prior to sampling on May 20, 1997, each well was again purged until five well volumes were evacuated, and samples were then collected. The samples were analyzed for PCBs (filtered by lab/unfiltered), inorganics (filtered in field/unfiltered), and additional Appendix IX+3 constituents. The results of the recent groundwater sampling are discussed below, and shown in Tables 5, 6, and 7.

3.3 Groundwater Sampling and Analysis Results

3.3.1 PCBs

PCBs were detected in one groundwater sample, the unfiltered water sample taken from well 78-6, at a concentration of 0.0059 ppm total PCB (Table 5). All other samples collected in May 1997 (filtered and unfiltered) had non-detectable levels of PCBs. PCBs had previously been detected in well NY-4 (0.017 ppm unfiltered, 0.0013 ppm filtered) in September 1996; however, PCB concentrations in well NY-4 were not detected in May 1997.

3.3.2 Other Non-PCB Hazardous Constituents

No VOCs were detected in the groundwater samples taken during the May 20, 1997 sampling effort. VOCs had been detected in previous samples obtained from NY-4 and 78-6 in January/February 1991 (Table 6). Methylene chloride was detected in 78-6 (estimated concentration less than the CLP-required quantitation limit) and NY-4 (0.013 ppm), but was also detected in the laboratory blank. Acetone, 1,1,1-trichloroethane, tetrachloroethene, and toluene were all detected in NY-4 at estimated concentrations less than their respective CLP-required quantitation limit. Trichloroethene was detected at a concentration of 0.005 ppm in NY-4 during the January/February 1991 sampling effort.

No SVOCs were detected in any of these wells during any sampling event at concentrations greater than the CLP-required quantitation limit. During the May 1997 sampling, bis(2-ethylhexyl)phthalate and di-n-butylphthalate were found at non-detectable levels or at estimated concentrations greater than the instrument quantitation limit,

but less than the CLP-required detection limit (Table 6). Bis(2-ethylhexyl)phthalate, di-n-butylphthalate, and phenanthrene were found at estimated concentrations less than their respective CLP-required quantitation limit in NY-4 during the May 1988 sampling effort. No other SVOCs were detected in the groundwater samples.

No pesticides or herbicides were detected in the groundwater samples. PCDDs were also not detected in any of the groundwater samples. While PCDFs were not detected in wells NY-4, SCH-1, SCH-2, SCH-3, or SCH-4, well 78-6 had a total PCDF concentration of 0.000000349 ppm.

RCRA metals were primarily detected in the unfiltered samples submitted for analysis from the May 20, 1997 sampling effort (Table 7). All of the filtered samples had either non-detectable levels or estimated concentrations less than the respective CLP-required detection limit. Metals were detected at higher concentrations in the unfiltered samples. Arsenic was detected in all six of the unfiltered samples, ranging in concentration from 0.0136 ppm to 0.073 ppm. Barium was detected in SCH-1, SCH-3, and SCH-4 at concentrations of 0.943 ppm, 0.356 ppm, and 0.387 ppm, respectively. Cadmium was detected in SCH-1 and SCH-3 at estimated concentrations less than the CLP-required detection limit, but greater than their respective instrument detection limits. Chromium was detected in five of six of the unfiltered samples, ranging in concentration from 0.046 ppm to 0.262 ppm. Lead was detected in all six of the unfiltered samples, ranging in concentration from 0.0034 ppm to 0.110 ppm. Selenium was not detected in any of the unfiltered samples; however, it was detected in the filtered samples SCH-1 and NY-4 at estimated concentrations less than the CLP-required detection limit, but greater than the instrument detection limit.

3.4 Hydrogeologic Characteristics

Water table elevations were measured on May 20, 1997 during the groundwater sampling effort. However, the water table elevation contour map generated from the resulting data provided a groundwater elevation and flow configuration different from the map that was anticipated. In response, GE performed another set of water table

elevation measurements on July 9, 1997 to verify the data collected in May 1997 and/or to modify the characterization of the water table. The results of this second monitoring event were generally consistent with the first event and were used to develop a water table elevation contour map (Figure 10). Table 8 summarizes the groundwater elevation data from both events. The contour map indicates that groundwater flow is to the east-northeast toward the marshy area located near the southeastern corner of the site. The marsh is located in a topographically low area, which appears to be a discharge zone for the site. The groundwater table contours developed in this report may be influenced by the data associated with well SCH-2. As a result, additional groundwater elevation data is proposed to be collected in spatially representative locations throughout the property. Specific details are presented in Section 6.

The horizontal hydraulic gradients for the site were calculated from groundwater elevation measurements collected on July 9, 1997; the water table elevation contour map is presented as Figure 10. The horizontal hydraulic gradient for the hill area located in the southwest corner of the site was interpreted to be 0.023 feet/foot. The horizontal hydraulic gradient for the capped area of the site (between monitoring wells SCH-2 and SCH-3) was calculated to be 0.0084 feet/foot.

Based on information developed during the investigations completed in the Hill 78 area, immediately to the south of the Allendale School Area, the till unit, which was encountered throughout the investigation area, is a low permeability unit relative to the overlying fill material and glaciofluvial sands. The till, therefore, appears to act as a confining unit by restricting the vertical movement of groundwater. Hydraulic conductivity testing performed at monitoring wells screened in these geologic units at the Hill 78 investigation area indicated geometric mean hydraulic conductivities for the fill and till units of 1.07×10^{-3} centimeters/second (cm/sec), and 1.16×10^{-5} cm/sec, respectively.

4. Miscellaneous Investigations/Evaluations

4.1 Information on Background Concentrations

The approach proposed by GE to develop background conditions for the Allendale School Property was presented in the Supplemental Phase II SOW and involved the use of: (1) soil and groundwater data from the upgradient boring and well to be installed to the north of the school (SCH-1); and (2) background soil and groundwater data obtained in accordance with GE's *Background Sampling Plan for the GE Facility Sites* (Blasland, Bouck & Lee, April 1996) (*Background Sampling Plan*). This approach was based on the assumption that the Background Sampling Plan, which was submitted to the MDEP on April 23, 1996, would be approved in sufficient time to obtain the background data and include those data in this report. However, since the Background Sampling Plan has not yet been approved by the MDEP, the associated data have not yet been collected. Accordingly, only the data for soil boring/monitoring well SCH-1 are available for evaluation of background conditions. Such an evaluation is not presented in this report at this time (based on the above discussion). However, a discussion of the available data from well SCH-1 is provided below.

While soil from SCH-1 contained PCBs at a concentration of 0.16 ppm in the sample collected from the 0- to 6-inch depth interval, PCBs were not detected in the deeper samples. One soil sample, collected from the 8- to 10-foot depth interval, was analyzed for Appendix IX+3 compounds. Bis(2-ethylhexyl)phthalate was detected in this sample, but at an estimated concentration greater than the instrument detection limit, and less than the CLP-required quantitation limit. Bis(2-ethylhexyl) phthalate was also detected at similar concentrations in the associated method blank. The only other non-PCB compounds detected in SCH-1 were TCDFs, at a concentration of 0.00000084 ppm (total TCDF). A total of six RCRA metals were detected in the sample collected from the 8- to 10-foot depth interval at SCH-1. Of these metals, two (cadmium and silver) were detected at estimated concentrations greater than their respective instrument detection limits, but less than the CLP-required detection limits. The remaining

metals were detected at the following concentrations in SCH-1: arsenic (6.3 ppm), barium (51.7 ppm), chromium (13.3 ppm), and lead (9.3 ppm).

Groundwater from SCH-1 did not contain PCBs or VOCs. Di-n-butylphthalate was detected in SCH-1 at 0.005 ppm, which is an estimated concentration greater than the instrument detection limit, but less than the CLP-required quantitation limit. No RCRA metals were detected at levels above the CLP-required detection limits in the filtered sample. Four RCRA metals were detected in the unfiltered sample at levels greater than the CLP-required detection limits: arsenic (0.073 ppm), barium (0.943 ppm), chromium (0.262 ppm), and lead (0.110 ppm).

4.2 Stormwater and Sediment Sampling and Analysis

The MDEP's September 13, 1996 letter directed GE to propose surface water (i.e., runoff through the stormwater drainage system) and sediment sampling for PCBs from the storm drainage system at locations "upstream" and "downstream" of the school property. At the time the Supplemental Phase II SOW was submitted, "upstream" surface water and sediment samples had been collected from the stormwater line at the intersection of Brighton Avenue and Dalton Avenue, pursuant to the MCP Supplemental Phase II SOW/RFI Proposal for the Hill 78 Area Site. Therefore, it was proposed that the results from these samples be used to characterize upstream PCB concentrations for the Allendale School Property (as well as the Hill 78 Area). In addition, downstream PCB levels would be characterized with samples of surface water and sediments to be collected for PCB analysis from the manhole located on the 42-inch diameter stormwater drainage line, which is situated near the southwestern corner of the site on the centerline of Tyler Street Extension, as shown on Figure 5. This manhole is at a location to which stormwater from the Allendale School Property drains, and thus is an appropriate "downstream" location for assessing whether any migration of PCBs from the school property is occurring through the drainage system.

The MDEP responded in its March 5, 1997 letter by requiring GE to collect sediment and surface water samples from both upstream and downstream locations within 12 hours of each other, and during similar weather conditions.

A storm event of suitable magnitude that would be conducive for such sampling occurred on July 7, 1997. Sediment and surface water samples were obtained from the "upstream" location (BA-MH-SED1 and BA-MH-SW1, respectively), and a surface water sample was taken from the "downstream" location (TS-EXT-MH-SW1). Since no sediment was present at the "downstream" site, no sediment sample could be obtained from a "downstream" location. No PCBs were detected in any of the samples collected (detection limit of 0.001 mg/L for stormwater, and 0.039 mg/kg for sediments).

4.3 Status of Stormwater Drain Lines

To clarify the status of a 15-inch stormwater drain line located along the southern edge of the property, as requested by the MDEP, the as-built drawing associated with the Allendale School Property capping project was reviewed in the Supplemental Phase II SOW to determine whether or not the previous 15-inch stormwater line was replaced during the drainage improvement efforts conducted as part of the STM. Based on that review, the previously existing 15-inch stormwater line, which was located along the southern boundary of the property (in an east to west orientation), was replaced with a 24-inch perforated polyvinyl chloride (PVC) pipeline and a 30-inch PVC pipeline.

A site plan that indicates the location of storm water drains at and around the site as documented by the as-built drawing for the capping project is shown as Attachment C of the Supplemental Phase II SOW. Additional stormwater piping information associated with the Hill 78 Site has been included as Attachment B to this report.

4.4 Source of PCDFs

In the Supplemental Phase II SOW, GE proposed to provide a clarification, to the extent possible based on existing data, regarding the source of PCDFs detected in soil, how PCDFs are related to the presence of PCBs, and the potential interference by polychlorinated diphenyl ethers (PCDEs) on the detection of PCDFs.

PCB Aroclors contain a small fraction of PCDFs; "pure" Aroclor contains approximately 2 to 20 ppm PCDFs (EPRI, 1985; Wakimoto, et. al., 1988). PCDFs were detected in certain soil samples at the Allendale School Property at concentrations that are higher than would be expected to be present given the PCB concentrations found. Although the PCDFs were found in fill material, the source of the PCDFs detected in the fill is unknown.

As for the issue concerning PCDEs, during an analysis for PCDFs, PCDEs are often detected at the same time as PCDFs and in some cases cannot be distinguished from PCDFs. Thus, in such cases, the presence of PCDEs can give a false-positive measurement of PCDFs.

5. Additional Data Needs / Additional Investigations

Several items that require additional investigations are discussed below; the locations of proposed future investigations to address these data needs are shown on Figure 11.

5.1 Additional Soil Borings Within the Capped Area

Several of the soil borings collected to date have shown elevated PCB concentrations at the lowest depth interval sampled. To further delineate the vertical extent of PCBs in subsurface soils, nine additional soil borings will be located within the southern portion of the capped area, in areas where the previous borings did not completely delineate the vertical extent of PCBs (Figure 11). Soil samples will be obtained from 2-foot depth intervals beginning at the base of the cap, extending through the fill/original soil. Representative samples will be collected, and all samples collected from above the fill/original grade interface will be analyzed for PCBs. Additional sample depths will be analyzed sequentially for PCBs until the deepest increment shows a non-detectable concentration of PCBs or two successive depth increments indicate PCB concentrations less than 1 ppm. All soil samples will be screened for VOCs with a PID, and any samples with a screening result greater than 10 PID units will be submitted for Appendix IX+3 analysis. Following sampling, the boreholes will be repaired in a manner similar to the methods used previously.

5.2 Additional Soil Borings Near ASB-3

The soil sample taken from the 3- to 5-foot depth interval at ASB-3 detected several Appendix IX+3 constituents. To further characterize the soil near this soil boring, three soil borings will be installed approximately 20 feet to the north, west, and south of ASB-3. Soil samples will be collected from the 0- to 6-inch and 6- to 12-inch depth intervals, and thereafter in 2-foot increments to a depth of 7 feet. All samples will be analyzed for PCBs. In addition, subsurface samples (i.e., greater than 2 feet) will be analyzed for Appendix IX+3 constituents. The surface and near-surface samples will be screened for VOCs with a PID; any samples with a screening result greater

than 10 PID units will also be submitted for Appendix IX+3 analysis. In addition, as explained in Section 5.3 below, regardless of PID screening results, one of these surficial samples will be submitted for Appendix IX+3 analysis.

5.3 Presence of Non-PCB Hazardous Constituents in Surface Soils Outside of Capped Area

In previous investigations, those soil samples analyzed for Appendix IX+3 constituents have focused on the deeper sample depth intervals. As a result, samples have not been collected from the surficial soils for analysis of Appendix IX+3 constituents. To address this data need, GE proposes to collect seven surficial soil samples from areas outside the capped area. Two samples will be taken from the southwestern side of the area, within 25 feet of former soil boring locations ASB-1 and ASB-2. Three samples will be taken from the eastern side of the area, within 25 feet of former soil boring locations ASB-5, ASB-11, and SCH-2, respectively. One sample will be taken from the northwestern side of the capped area, within 25 feet of the former soil boring location ASB-4. The soil samples will be taken from the 0- to 6-inch depth interval in accordance with criteria set forth in the SAP/DCAQAP and will be analyzed for Appendix IX+3 constituents. In addition, one of the 0- to 6-inch samples taken from the vicinity of ASB-3 will also be submitted for Appendix IX+3 analysis.

5.4 Resolution of Groundwater Contours

The groundwater table contours developed in this report are anomalous; the data obtained from well SCH-2 may have skewed the contour interpretation. A depression is indicated in this area, draining to the south along the west side of the Hill 78 area. In addition, the location of NY-4 at the top of a hill near the west side of the site results in a difficult interpretation of groundwater contours at the southwest corner of the site. To better determine the shape of the groundwater table surface at this site, four temporary piezometers will be installed, and groundwater elevations measured. One piezometer will be installed in the vicinity of the southwest corner of the site, one piezometer will be installed at the former soil boring location ASB-5, and two piezometers will be installed approximately 150 feet to the west and southeast of existing monitoring well SCH-2. Concurrent with water level

measurements taken at the piezometers, water table elevations will also be measured at existing monitoring wells SCH-1 through SCH-4, well NY-4, well 78-1, and well 78-6. Water level measurements taken for the site will be collected concurrently with water level measurements proposed for the adjacent Hill 78 site so that groundwater contours that cross the boundary between the sites may be better defined.

6. Schedule for Future Activities

Following MDEP review and approval of this Supplemental Phase II Report, GE will initiate the proposed field activities. Once the results of these efforts are received, and it is determined that the identified data needs have been adequately addressed, GE will prepare an addendum to this report. The addendum will summarize the recent investigations and, where appropriate, incorporate the existing information and provide updated evaluations.

Concurrent with the above-referenced addendum, GE will prepare a Risk Characterization SOW proposal to evaluate (in accordance with the MCP) potential risks to human health and the environment.

The addendum and Risk Characterization SOW will be submitted to the MDEP within six months following the MDEP approval of this report.

References

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

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Tables

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF SOIL PCB DATA - APRIL/JUNE 1997

(Concentrations are presented in dry weight parts per million, ppm)

Sample ID	Depth (feet)	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
AS-97-115	0 - 0.5	04/22/97	ND(0.040)	ND(0.040)	ND(0.040)
	0.5 - 1.5	04/22/97	ND(0.039)	ND(0.039)	ND(0.039)
	1.5 - 2	04/22/97	ND(0.038)	ND(0.038)	ND(0.038)
AS-97-116	0 - 0.5	04/22/97	ND(0.041)	ND(0.041)	ND(0.041)
	0.5 - 1.5	04/22/97	ND(0.038)	ND(0.038)	ND(0.038)
	1.5 - 2	04/22/97	ND(0.040)	ND(0.040)	ND(0.040)
AS-97-117	0 - 0.5	04/22/97	ND(0.039)	0.072	0.072
	0.5 - 1.5	04/22/97	ND(0.038)	ND(0.038)	ND(0.038)
	1.5 - 2	04/22/97	ND(0.037)	ND(0.037)	ND(0.037)
AS-97-118	0 - 0.5	04/22/97	ND(0.040)	0.11	0.11
	0.5 - 1.5	04/22/97	ND(0.039)	ND(0.039)	ND(0.039)
	1.5 - 2	04/22/97	ND(0.039)	ND(0.039)	ND(0.039)
AS-97-119	0 - 0.5	04/22/97	ND(0.042)	0.096	0.096
	0.5 - 1.5	04/22/97	ND(0.040)	ND(0.040)	ND(0.040)
	1.5 - 2	04/22/97	ND(0.038)	ND(0.038)	ND(0.038)
AS-97-120	0 - 0.5	04/22/97	ND(0.23)	1.9	1.9
	0.5 - 1	04/22/97	ND(0.81)	12	12
AS-97-121	0 - 0.5	04/22/97	ND(0.043)	ND(0.043)	ND(0.043)
	0.5 - 1	04/22/97	ND(0.040)	ND(0.040)	ND(0.040)
AS-97-122	0 - 0.5	04/22/97	ND(0.11)	1.4	1.4
	0.5 - 1	04/22/97	ND(0.43)	4.2	4.2
AS-97-123	0 - 0.5	04/22/97	ND(0.042)	0.084	0.084
	0.5 - 1	04/22/97	ND(0.043)	0.053	0.053
AS-97-124	0 - 0.5	04/22/97	ND(0.11)	1.2	1.2
	0.5 - 1	04/22/97	ND(4.2)	11	11
AS-97-125	0 - 0.5	04/22/97	ND(0.046)	0.65	0.65
	0.5 - 1	04/22/97	ND(0.86)	8.0	8.0
AS-97-126	0 - 0.5	04/22/97	ND(0.10)	1.1	1.1
	0.5 - 1	04/22/97	ND(0.79)	5.6	5.6
AS-97-127	0 - 0.5	04/22/97	ND(0.043)	ND(0.043)	ND(0.043)
	0.5 - 1.5	04/22/97	ND(0.040)	0.10	0.10
	1.5 - 2	04/22/97	ND(0.041)	0.70	0.70
AS-UST-1	0 - 0.5	04/23/97	0.59	0.27	0.86
AS-UST-2	0 - 0.5	04/23/97	0.059	ND(0.041)	0.059

(see notes on page 6)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF SOIL PCB DATA - APRIL/JUNE 1997

(Concentrations are presented in dry weight parts per million, ppm)

Sample ID	Depth (feet)	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
ASB-1	0 - 0.5	04/23/97	ND(0.042)	ND(0.042)	ND(0.042)
	0.5 - 1	04/23/97	ND(0.039)	ND(0.039)	ND(0.039)
	1 - 3	04/23/97	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
	3 - 5	04/23/97	ND(0.039)	ND(0.039)	ND(0.039)
	5 - 7	04/23/97	ND(0.041)	ND(0.041)	ND(0.041)
	7 - 9	04/23/97	ND(0.039)	ND(0.039)	ND(0.039)
	9 - 11	04/23/97	ND(0.040)	ND(0.040)	ND(0.040)
ASB-2	0 - 0.5	04/23/97	ND(0.043)	0.059	0.059
	0.5 - 1	04/23/97	ND(0.041)	ND(0.041)	ND(0.041)
	1 - 3	04/23/97	ND(0.036)	ND(0.036)	ND(0.036)
	3 - 5	04/23/97	ND(0.038)	ND(0.038)	ND(0.038)
	5 - 7	04/23/97	ND(0.037)	ND(0.037)	ND(0.037)
	7 - 9	04/23/97	ND(0.038)	ND(0.038)	ND(0.038)
	9 - 11	04/23/97	ND(0.036)	ND(0.036)	ND(0.036)
ASB-3	0 - 0.5	04/23/97	ND(0.037)	0.064	0.064
	0.5 - 1	04/23/97	ND(0.036)	ND(0.036)	ND(0.036)
	1 - 3	04/23/97	0.32	0.14	0.46
	3 - 5	04/23/97	ND(3.6)	23	23
	5 - 7	04/23/97	ND(0.039)	ND(0.039)	ND(0.039)
ASB-4	0 - 0.5	04/22/97	ND(0.088)	0.95	0.95
	0.5 - 1	04/22/97	ND(0.081)	0.84	0.84
	1 - 3	04/22/97	ND(0.38)	5.3	5.3
	3 - 5	04/22/97	ND(0.047)	0.19	0.19
	5 - 7	04/22/97	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]
ASB-5	0 - 0.5	04/22/97	ND(0.042)	ND(0.042)	ND(0.042)
	0.5 - 1	04/22/97	ND(0.040)	0.054	0.054
	1 - 3	04/22/97	ND(0.038)	ND(0.038)	ND(0.038)
	3 - 5	04/22/97	ND(0.038)	ND(0.038)	ND(0.038)
ASB-6	0 - 0.5	04/23/97	ND(0.035)	ND(0.035)	ND(0.035)
	0.5 - 1	04/23/97	ND(0.035)	ND(0.035)	ND(0.035)
	1 - 3	04/23/97	ND(0.036)	ND(0.036)	ND(0.036)
	3 - 5	04/23/97	ND(0.037)	0.2	0.2
	5 - 7	04/23/97	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]
	7 - 9	04/23/97	ND(0.038)	ND(0.038)	ND(0.038)
	9 - 11	04/23/97	ND(0.038)	ND(0.038)	ND(0.038)
ASB-7	0 - 0.5	04/23/97	ND(0.034)	0.041	0.041
	0.5 - 1	04/23/97	ND(0.035)	ND(0.035)	ND(0.035)
	1 - 3	04/23/97	ND(0.035)	ND(0.035)	ND(0.035)
	3 - 5	04/23/97	ND(0.036)	0.13	0.13
	5 - 7	04/23/97	ND(0.038)	0.45	0.45

(see notes on page 6)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTYSUMMARY OF SOIL PCB DATA - APRIL/JUNE 1997

(Concentrations are presented in dry weight parts per million, ppm)

Sample ID	Depth (feet)	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
ASB-8	0 - 0.5	04/23/97	ND(0.036)	ND(0.036)	ND(0.036)
	0.5 - 1	04/23/97	ND(0.035)	ND(0.035)	ND(0.035)
	1 - 3	04/23/97	ND(0.037)	ND(0.037)	ND(0.037)
	3 - 5	04/23/97	ND(0.036)	0.084	0.084
	5 - 7	04/23/97	ND(0.073)	0.91	0.91
ASB-9	0 - 0.5	04/23/97	0.045	0.061	0.106
	0.5 - 1	04/23/97	ND(0.037)	ND(0.037)	ND(0.037)
	1 - 3	04/23/97	ND(0.037)	ND(0.037)	ND(0.037)
	3 - 5	04/23/97	ND(0.035)	ND(0.035)	ND(0.035)
	5 - 7	04/23/97	ND(0.37) [ND(0.036)]	3.0 [ND(0.036)]	3.0 [ND(0.036)]
ASB-10	0 - 0.5	04/22/97	ND(0.042)	0.087	0.087
	0.5 - 1	04/22/97	ND(0.039)	0.050	0.050
	1 - 3	04/22/97	ND(0.039)	0.064	0.064
	3 - 5	04/22/97	ND(0.10)	1.4	1.4
	5 - 7	04/22/97	ND(0.15)	1.1	1.1
ASB-11	0 - 0.5	06/12/97	2.9	1.3	4.2
	0.5 - 1	06/12/97	ND(0.039)	0.65	0.65
	1 - 3	06/12/97	1.0	0.81	1.81
	3 - 5	06/12/97	0.26	0.46	0.72
	5 - 7	06/12/97	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]
ASB-12	0 - 0.5	04/23/97	ND(0.037)	0.21	0.21
	0.5 - 1	04/23/97	ND(0.037)	0.044	0.044
	1 - 3	04/23/97	ND(0.036)	ND(0.036)	ND(0.036)
	3 - 5	04/23/97	ND(18) [ND(19)]	93 [160]	93 [160]
ASB-13	0 - 0.5	04/22/97	ND(0.041)	ND(0.041)	ND(0.041)
	0.5 - 2	04/22/97	ND(0.039)	ND(0.039)	ND(0.039)
	2 - 4	04/22/97	ND(0.74)	7.7	7.7
	4 - 6	04/22/97	ND(0.049)	0.18	0.18
ASB-14	0 - 0.5	04/23/97	ND(0.040)	0.061	0.061
	0.5 - 2	04/23/97	ND(0.035)	ND(0.035)	ND(0.035)
	2 - 4	04/23/97	ND(0.036)	ND(0.036)	ND(0.036)
	4 - 6	04/23/97	ND(0.037)	0.40	0.40
	6 - 8	04/23/97	ND(0.035)	ND(0.035)	ND(0.035)
	8 - 10	04/23/97	ND(0.038)	ND(0.038)	ND(0.038)
	10 - 12	04/23/97	ND(0.038)	ND(0.038)	ND(0.038)

(see notes on page 6)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF SOIL PCB DATA - APRIL/JUNE 1997
(Concentrations are presented in dry weight parts per million, ppm)

Sample ID	Depth (feet)	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
ASB-15	0 - 2	04/23/97	0.12	0.041	0.161
	2 - 4	04/23/97	ND(0.040)	ND(0.040)	ND(0.040)
	4 - 6	04/23/97	ND(0.039)	ND(0.039)	ND(0.039)
ASB-16	0 - 0.5	04/22/97	ND(0.042)	ND(0.042)	ND(0.042)
	0.5 - 2	04/22/97	ND(0.038)	ND(0.038)	ND(0.038)
	2 - 4	04/22/97	ND(4.6)	49	49
	4 - 6	04/22/97	ND(0.064)	0.46	0.46
ASB-17	0 - 0.5	04/22/97	ND(0.040)	0.057	0.057
	0.5 - 2	04/22/97	ND(0.038)	ND(0.038)	ND(0.038)
	2 - 4	04/22/97	ND(3.9) [ND(3.9)]	5.9 [6.1]	5.9 [6.1]
	4 - 6	04/22/97	ND(7.5)	29	29
ASB-18	0 - 0.5	04/22/97	ND(0.041)	0.058	0.058
	0.5 - 2	04/22/97	ND(0.039)	ND(0.039)	ND(0.039)
	2 - 4	04/22/97	ND(0.79)	9.6	9.6
	4 - 6	04/22/97	ND(18)	210	210
ASB-19	0 - 0.5	04/22/97	ND(0.042)	0.24	0.24
	0.5 - 2	04/22/97	ND(0.040)	0.29	0.29
	2 - 4	04/22/97	ND(40)	460	460
	4 - 6	04/22/97	ND(64) [ND(65)]	810 [800]	810 [800]
ASB-20	0 - 0.5	06/12/97	ND(0.041)	0.064	0.064
	0.5 - 1	06/12/97	ND(0.25)	4.2	4.2
	1 - 3	06/12/97	ND(3.7)	42	42
	3 - 5	06/12/97	ND(0.048)	0.39	0.39
	5 - 7	06/12/97	1.6	1.9	3.5
	7 - 9	06/12/97	0.40	0.48	0.88
ASB-21	0 - 0.5	06/12/97	ND(0.92)	5.3	5.3
	0.5 - 1	06/12/97	ND(0.83)	7.6	7.6
	1 - 3	06/12/97	ND(0.17)	2.2	2.2
	3 - 5	06/12/97	ND(0.084)	0.99	0.99
	5 - 7	06/12/97	ND(0.038)	0.14	0.14
	7 - 9	06/12/97	ND(0.041)	0.079	0.079
ASB-22	0 - 0.5	04/22/97	ND(0.041)	ND(0.041)	ND(0.041)
	0.5 - 2	04/22/97	ND(0.040)	0.053	0.053
	2 - 4	04/22/97	ND(3.8)	22	22
	4 - 6	04/22/97	ND(0.78)	1.4	1.4

(see notes on page 6)

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF SOIL PCB DATA - APRIL/JUNE 1997
(Concentrations are presented in dry weight parts per million, ppm)

Sample ID	Depth (feet)	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
SCH-1	0 - 0.5	04/28/97	ND(0.041)	0.16	0.16
	0 - 1	04/28/97	ND(0.038)	ND(0.038)	ND(0.038)
	0.5 - 2	04/28/97	ND(0.039)	ND(0.039)	ND(0.039)
	2 - 4	04/28/97	ND(0.036)	ND(0.036)	ND(0.036)
	4 - 6	04/28/97	ND(0.038)	ND(0.038)	ND(0.038)
	6 - 8	04/28/97	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]
	8 - 10	04/28/97	ND(0.038)	ND(0.038)	ND(0.038)
	10 - 12	04/28/97	ND(0.038)	ND(0.038)	ND(0.038)
	12 - 14	04/28/97	ND(0.038)	ND(0.038)	ND(0.038)
	14 - 16	04/28/97	ND(0.038)	ND(0.038)	ND(0.038)
	16 - 18	04/28/97	ND(0.037)	ND(0.037)	ND(0.037)
	18 - 20	04/28/97	ND(0.037)	ND(0.037)	ND(0.037)
	20 - 22	04/29/97	ND(0.038)	ND(0.038)	ND(0.038)
SCH-2	0 - 0.5	04/29/97	0.16	0.27	0.43
	0.5 - 1	04/29/97	ND(0.038)	0.47	0.47
	2 - 4	04/29/97	ND(0.057)	0.099	0.099
	4 - 6	04/29/97	ND(0.040)	ND(0.040)	ND(0.040)
	6 - 8	04/29/97	ND(0.037)	ND(0.037)	ND(0.037)
	8 - 10	04/29/97	ND(0.038)	ND(0.038)	ND(0.038)
	10 - 12	04/29/97	ND(0.038)	ND(0.038)	ND(0.038)
SCH-3	0 - 0.5	04/28/97	ND(0.045)	0.12	0.12
	0.5 - 1	04/28/97	ND(0.045)	0.094	0.094
	1 - 2	04/28/97	ND(0.037)	ND(0.037)	ND(0.037)
	2 - 4	04/28/97	ND(0.041)	ND(0.041)	ND(0.041)
	4 - 6	04/28/97	ND(0.037)	ND(0.037)	ND(0.037)
	6 - 8	04/28/97	ND(0.037)	ND(0.037)	ND(0.037)
	11 - 13	04/28/97	ND(0.039)	ND(0.039)	ND(0.039)
SCH-4	0 - 0.5	04/30/97	ND(0.036)	0.061	0.061
	0.5 - 1	04/30/97	ND(0.036)	ND(0.036)	ND(0.036)
	1 - 2	04/30/97	ND(0.037)	ND(0.037)	ND(0.037)
	2 - 4	04/30/97	ND(0.039)	0.086	0.086
	4 - 6	04/30/97	ND(0.040)	ND(0.040)	ND(0.040)
	6 - 8	04/30/97	0.16	0.16	0.32
	8 - 10	04/30/97	ND(0.038)	ND(0.038)	ND(0.038)
	10 - 12	04/30/97	ND(0.040)	ND(0.040)	ND(0.040)
	12 - 14	04/30/97	ND(0.039)	ND(0.039)	ND(0.039)
	14 - 16	04/30/97	ND(0.039)	ND(0.039)	ND(0.039)
	16 - 18	04/30/97	ND(0.042)	ND(0.042)	ND(0.042)

(see notes on page 6)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF SOIL PCB DATA - APRIL/JUNE 1997
(Concentrations are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and were submitted to Quanterra Environmental Services for analysis of PCBs and Appendix IX + 3 constituents (excluding herbicides and pesticides).
2. Refer to table 2 for a summary of non-PCB Appendix IX+3 data.
3. ND - Analyte was not detected. The value in parentheses is the associated quantitation limit.
4. Duplicate results are presented in brackets.

TABLE 2

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTYSUMMARY OF SOIL VOLATILE, SEMIVOLATILE ORGANICS AND PESTICIDE/HERBICIDE DATA - APRIL/JUNE 1997

(Concentrations are presented in dry weight parts per million, ppm)

Parameter	Sample ID:	ASB-3	ASB-11	ASB-19	SCH-1	SCH-2	SCH-3	SCH-4
	Sample Depth (feet):	3 - 5	3 - 5	2 - 4	8 - 10	6 - 8	2 - 4	8 - 10
	Date Collected:	04/23/97	06/12/97	04/22/97	04/28/97	04/29/97	04/28/97	04/30/97
Volatile Organics								
Chlorobenzene		ND(0.0050)	ND(0.0060)	0.009	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		ND(3.6)	ND(0.39)	0.63	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)
1,2,4-Trichlorobenzene		ND(3.6)	ND(0.39)	0.29 J	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)
1,4-Dichlorobenzene		ND(3.6)	ND(0.39)	0.12 J	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)
2-Methylnaphthalene		0.96 J	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)
Acenaphthene		1.0 J	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)
Acenaphthylene		2.8 J	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	0.13 J	ND(0.38)
Anthracene		3.8	ND(0.39)	0.093 J	ND(0.38)	ND(0.37)	0.081 J	ND(0.38)
Benzo(a)anthracene		15	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	0.49	ND(0.38)
Benzo(a)pyrene		16	ND(0.39)	0.053 J	ND(0.38)	ND(0.37)	0.64	ND(0.38)
Benzo(b)fluoranthene		14	ND(0.39)	0.065 J	ND(0.38)	ND(0.37)	0.59	ND(0.38)
Benzo(g,h,i)perylene		3.7	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	0.22 J	ND(0.38)
Benzo(k)fluoranthene		12	ND(0.39)	0.072 J	ND(0.38)	ND(0.37)	0.64	ND(0.38)
Bis(2-ethylhexyl)phthalate		ND(3.6)	0.10 BJ	ND(0.40)	0.14 BJ	0.088 BJ	0.51 B	0.095 BJ
Chrysene		16	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	0.79	ND(0.38)
Di-n-butylphthalate		ND(3.6)	ND(0.39)	0.061 J	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)
Dibenz(a,h)anthracene		2.5 J	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	0.078 J	ND(0.38)
Dibenzofuran		0.84 J	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)

(see notes on page 2)

TABLE 2

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

**MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY**

SUMMARY OF SOIL VOLATILE, SEMIVOLATILE ORGANICS AND PESTICIDE/HERBICIDE DATA - APRIL/JUNE 1997

(Concentrations are presented in dry weight parts per million, ppm)

Parameter	Sample ID:	ASB-3	ASB-11	ASB-19	SCH-1	SCH-2	SCH-3	SCH-4
	Sample Depth (feet):	3 - 5	3 - 5	2 - 4	8 - 10	6 - 8	2 - 4	8 - 10
	Date Collected:	04/23/97	06/12/97	04/22/97	04/28/97	04/29/97	04/28/97	04/30/97
Fluoranthene		22	ND(0.39)	0.12 J	ND(0.38)	ND(0.37)	1.2	ND(0.38)
Fluorene		1.1 J	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)
Indeno(1,2,3-cd)pyrene		3.8	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	0.21 J	ND(0.38)
N-Nitrosopiperidine		ND(3.6)	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	ND(0.41)	0.13 J
Naphthalene		1.9 J	ND(0.39)	ND(0.40)	ND(0.38)	ND(0.37)	ND(0.41)	ND(0.38)
Phenanthrene		12	ND(0.39)	0.083 J	ND(0.38)	ND(0.37)	0.59	ND(0.38)
Pyrene		20	ND(0.39)	0.10 J	ND(0.38)	ND(0.37)	1.3	ND(0.38)
Pesticides								
4,4'-DDT		ND(0.19)	ND(0.0020)	ND(2.1)	ND(0.0020)	ND(0.0019)	0.0023	ND(0.0020)
Dieldrin		0.23	ND(0.0020)	6.4	ND(0.0020)	ND(0.0019)	ND(0.0021)	ND(0.0020)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra for analysis of Appendix IX + 3 volatile, semivolatile organics, and pesticides/herbicides.
2. Only parameters detected in at least one sample are shown.
3. J - Indicates an estimated value less than the CLP-required quantitation limit.
4. B - Compound also detected in the associated method blank.
5. ND - Compound was not detected; associated quantitation limit presented in parentheses.
6. -- - Data not received from laboratory.

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

**MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY**

SUMMARY OF SOIL INORGANICS DATA - APRIL/JUNE 1997

(Concentrations are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (feet): Date Collected:	ASB-3 3 - 5 04/23/97	ASB-11 3 - 5 06/12/97	ASB-19 2 - 4 04/22/97	SCH-1 8 - 10 04/28/97	SCH-2 6 - 8 04/29/97	SCH-3 2 - 4 04/28/97	SCH-4 8 - 10 04/30/97
Antimony		ND(2.2)	ND(7.2)	ND(2.5)	ND(2.4)	2.9 J*	ND(2.5)	ND(2.3)
Arsenic		5.3	3.4	6.7	6.3	6.1	5.5	4.1
Barium		52.0	25.2	35.1	51.7	39.7	24.8	36.2
Beryllium		0.22 J*	0.20 J*	0.25 J*	0.39 J*	0.33 J*	0.33 J*	0.34 J*
Cadmium		0.24 J*	ND(0.60)	0.30 J*	0.20 J*	0.15 J*	0.05 J*	0.03 J*
Chromium		7.8	7.0	7.7	13.3	11.7	10.5	8.5
Cobalt		6.4	6.5	10.1	11.7	12.9	8.8	8.1
Copper		33.0	10.4	16.4	21.4	18.6	12.4	14.1
Lead		60.1	8.1	15.8	9.3	8.8	10.0	7.3
Mercury		0.13	0.016 J*	0.04	ND(0.04)	ND(0.04)	ND(0.04)	0.04
Nickel		13.1	10.1	13.8	21.6	21.2	16.4	15.0
Selenium		0.37 J*	ND(0.60)	ND(0.32)	ND(0.30)	ND(0.29)	0.43 J*	0.32 J*
Silver		0.47 J*	ND(1.2)	ND(0.36)	0.49 J*	0.41 J*	0.67 J*	0.69 J*
Thallium		ND(0.40)	1.0 J*	ND(0.45)	ND(0.43)	ND(0.42)	ND(0.45)	ND(0.43)
Vanadium		6.3	7.8	9.1	14.1	13.1	12.2	10.3
Zinc		90.1	44.1	55.3 E	71.1	72.3	52.6	56.6

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra for analysis of Appendix IX + 3 Inorganics.
2. Only parameters detected in at least one sample are shown.
3. Laboratory duplicate analysis exceeded control limits for arsenic and copper (ASB-19).
4. ND - Compound was not detected, associated quantitation limit presented in parentheses.
5. J* - Indicates the reported value is less than the CLP-required detection limit (CRDL), but greater than the instrument detection limit (IDL).
6. E - Inductively Coupled Plasma (ICP) serial dilution analysis exceeded control limits.

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF SOIL POLYCHLORINATED DIBENZOFURANS AND POLYCHLORINATED DIBENZO-P-DIOXINS DATA - APRIL 1997

(Concentrations are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (feet): Date Collected:	ASB-3 3 - 5 04/23/97	ASB-11 3 - 5 06/12/97	ASB-19 2 - 4 04/22/97	SCH-1 8 - 10 04/28/97	SCH-2 6 - 8 04/29/97	SCH-3 2 - 4 04/28/97	SCH-4 8 - 10 04/30/97
PCDDs								
2,3,7,8-TCDD		ND(0.0000012) D	ND(0.00000034)	0.0000016	ND(0.00000042)	ND(0.00000029)	ND(0.00000041)	ND(0.00000015)
TCDDs (total)		ND(0.0000030) D	ND(0.00000072)	0.0000056	ND(0.00000042)	ND(0.00000029)	ND(0.00000041)	ND(0.00000015)
1,2,3,7,8-PeCDD		ND(0.0000036) D	ND(0.00000093)	0.0000020	ND(0.00000055)	ND(0.00000041)	ND(0.00000050)	ND(0.00000031)
PeCDDs (total)		ND(0.0000080) D	ND(0.00000093)	0.0000010	ND(0.00000055)	ND(0.00000041)	ND(0.00000050)	ND(0.00000031)
1,2,3,4,7,8-HxCDD		ND(0.0000020)	ND(0.00000086)	0.0000029	ND(0.00000053)	ND(0.00000024)	ND(0.00000061)	ND(0.00000024)
1,2,3,6,7,8-HxCDD		0.0000034 J**	ND(0.00000079)	0.0000025	ND(0.00000041)	ND(0.00000025)	ND(0.00000047)	ND(0.00000024)
1,2,3,7,8,9-HxCDD		ND(0.0000027)	ND(0.00000079)	0.0000020	ND(0.00000044)	ND(0.00000024)	ND(0.00000051)	ND(0.00000023)
HxCDDs (total)		0.0000046	ND(0.0000013)	0.0000033	ND(0.00000053)	ND(0.00000025)	ND(0.00000061)	ND(0.00000024)
1,2,3,4,6,7,8-HpCDD		0.0000016	ND(0.0000014)	0.0000012	ND(0.00000047)	ND(0.00000034)	ND(0.00000079)	ND(0.00000031)
HpCDDs (total)		0.0000038	ND(0.0000025)	0.0000025	ND(0.00000047)	ND(0.00000034)	ND(0.00000079)	ND(0.00000031)
OCDD		0.0000011	0.0000011 J**	0.0000031	ND(0.0000025)	ND(0.0000020)	ND(0.0000031)	ND(0.0000017)

(see notes on page 2)

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF SOIL POLYCHLORINATED DIBENZOFURANS AND POLYCHLORINATED DIBENZO-P-DIOXINS DATA - APRIL 1997

(Concentrations are presented in dry weight parts per million, ppm)

Parameter	Sample ID:	ASB-3	ASB-11	ASB-19	SCH-1	SCH-2	SCH-3	SCH-4
	Sample Depth (feet):	3 - 5	3 - 5	2 - 4	8 - 10	6 - 8	2 - 4	8 - 10
	Date Collected:	04/23/97	06/12/97	04/22/97	04/28/97	04/29/97	04/28/97	04/30/97
PCDFs								
2,3,7,8-TCDF		0.000055 gD	0.000003 g	0.000019 g	0.00000057 gJ**	ND(0.00000012)	0.0000016 g	ND(0.00000022)
TCDFs (total)		0.00043 D	0.000025	0.00017	0.00000084	ND(0.00000032)	0.000013	ND(0.00000022)
1,2,3,7,8-PeCDF		0.000028 J**D	ND(0.0000018)	0.000016	ND(0.00000078)	ND(0.00000027)	ND(0.00000053)	ND(0.00000031)
2,3,4,7,8-PeCDF		0.000035 J**D	ND(0.0000014)	0.000048	ND(0.00000078)	ND(0.00000027)	ND(0.00000063)	ND(0.00000032)
PeCDFs (total)		0.00074 D	0.000014	0.00084	ND(0.00000095)	ND(0.00000027)	0.0000044	ND(0.00000032)
1,2,3,4,7,8-HxCDF		0.000072	0.0000037 J**	0.0005	ND(0.00000025)	ND(0.00000014)	ND(0.0000016)	ND(0.00000013)
1,2,3,6,7,8-HxCDF		0.000041	ND(0.0000033)	ND(0.000074) v	ND(0.00000023)	ND(0.00000014)	ND(0.00000098)	ND(0.00000013)
1,2,3,7,8,9-HxCDF		ND(0.0000026)	ND(0.0000015)	0.0000054 J**	ND(0.00000031)	ND(0.00000015)	ND(0.00000035)	ND(0.00000013)
2,3,4,6,7,8-HxCDF		0.000019	ND(0.00000012)	0.000048	ND(0.00000041)	ND(0.00000032)	ND(0.00000065)	ND(0.00000029)
HxCDFs (total)		0.00075	ND(0.000019)	0.0016	ND(0.00000041)	ND(0.00000032)	ND(0.0000027)	ND(0.00000029)
1,2,3,4,6,7,8-HpCDF		0.00010	0.0000058 J**	0.00048	ND(0.00000026)	ND(0.00000047)	ND(0.0000024)	ND(0.00000014)
1,2,3,4,7,8,9-HpCDF		0.000026	ND(0.0000013)	0.00042	ND(0.00000036)	ND(0.00000060)	ND(0.00000035)	ND(0.00000016)
HpCDFs (total)		0.00024	0.000012	0.0017	ND(0.00000036)	ND(0.00000060)	ND(0.0000024)	ND(0.00000016)
OCDF		0.000077	0.0000073 J**	0.0018	ND(0.0000018)	ND(0.00000041)	ND(0.0000018)	ND(0.00000055)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra Environmental Services for analysis of 2,3,7,8-substituted polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs).
2. Only parameters detected in at least one sample are shown.
3. J** - Indicates an estimated value lower than the calibration limit, but above the target detection limit.
4. ND - Compound was not detected; associated quantitation limit presented in parentheses.
5. D - Sample concentration was determined from a secondary dilution.
6. g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
7. v - Elevated detection limit due to chemical interference.

TABLE 5

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF GROUNDWATER PCB DATA
(Concentrations are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
NY-4	05/11/88	ND(0.0010)	ND(0.0010)	ND(0.0010)
78-6	Jan/Feb 1991	ND(0.0010)	0.547	0.547
78-6 (filtered)		ND(0.0010)	ND(0.0010)	ND(0.0010)
NY-4	Jan/Feb 1991	0.96	ND(0.0010)	0.96
NY-4 (filtered)		ND(0.0010)	ND(0.0010)	ND(0.0010)
NY-4	09/20/96	ND(0.0010)	0.017	0.017
NY-4 (filtered)		ND(0.0010)	0.0013	0.0013
78-6	05/20/97	0.0033	0.0026	0.0059
78-6 (filtered)		ND(0.0010)	ND(0.0010)	ND(0.0010)
NY-4	05/20/97	ND(0.0010) [ND(0.0010)]	ND(0.0010) [ND(0.0010)]	ND(0.0010) [ND(0.0010)]
NY-4 (filtered)		ND(0.0010) [ND(0.0010)]	ND(0.0010) [ND(0.0010)]	ND(0.0010) [ND(0.0010)]
SCH-1	05/20/97	ND(0.0010)	ND(0.0010)	ND(0.0010)
SCH-1 (filtered)		ND(0.0010)	ND(0.0010)	ND(0.0010)
SCH-2	05/20/97	ND(0.0010)	ND(0.0010)	ND(0.0010)
SCH-2 (filtered)		ND(0.0010)	ND(0.0010)	ND(0.0010)
SCH-3	05/20/97	ND(0.0010)	ND(0.0010)	ND(0.0010)
SCH-3 (filtered)		ND(0.0010)	ND(0.0010)	ND(0.0010)
SCH-4	05/20/97	ND(0.0010)	ND(0.0010)	ND(0.0010)
SCH-4 (filtered)		ND(0.0010)	ND(0.0010)	ND(0.0010)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Quanterra Environmental Services for analysis of PCBs.
2. Only parameters detected in at least one sample are shown.
3. ND - Analyte was not detected. The value in parentheses is the associated quantitation limit.
4. Duplicate samples are presented in brackets.

TABLE 6

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY
ALLENDALE SCHOOL PROPERTY

SUMMARY OF GROUNDWATER APPENDIX IX+3 DATA
(Concentrations are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	NY-4 05/11/88	78-6 Jan/Feb 1991	NY-4 Jan/Feb 1991	78-6 05/20/97	NY-4 05/20/97	SCH-1 05/20/97	SCH-2 05/20/97	SCH-3 05/20/97	SCH-4 05/20/97
Volatiles Organics										
Methylene Chloride		ND(0.0050)	0.007 BJ	0.013 B	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Acetone		NA	0.005 BJ	0.007 BJ	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,1,1-Trichloroethane		ND(0.0050)	NA	0.004 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0050)	NA	0.004 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene		ND(0.0050)	NA	0.001 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0050)	NA	0.005	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Semivolatile Organics										
Bis(2-ethylhexyl)phthalate		0.0010 J	NA	NA	ND(0.010)	0.0010 J [0.0020 J]	ND(0.010)	0.0010 J	0.0020 J	0.0010 J
Di-n-butylphthalate		0.0010 J	NA	NA	0.0010 J	ND(0.010) [0.0050 J]	0.0010 J	0.0020 J	ND(0.010)	ND(0.010)
Phenanthrene		0.0010 J	NA	NA	ND (0.0010)	ND (0.0010)	ND (0.0010)	ND (0.0010)	ND (0.0010)	ND (0.0010)
PCDDs/PCDFs										
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	0.000000047 J**	ND(0.000000015) [ND(0.000000022)]	ND(0.000000013)	ND(0.0000000041)	ND(0.000000015)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF		NA	NA	NA	0.000000037 J**	ND(0.000000030) [ND(0.000000046)]	ND(0.000000036)	ND(0.000000032)	ND(0.000000032)	ND(0.000000035)
HpCDFs (total)		NA	NA	NA	0.000000073	ND(0.000000022) [ND(0.000000022)]	ND(0.000000013)	ND(0.0000000054)	ND(0.000000020)	ND(0.0000000066)
HxCDFs (total)		NA	NA	NA	0.000000250	ND(0.000000030) [ND(0.000000046)]	ND(0.000000036)	ND(0.000000032)	ND(0.000000032)	ND(0.000000035)
PeCDFs (total)		NA	NA	NA	0.000000026	ND(0.0000000078) [ND(0.000000018)]	ND(0.000000031)	ND(0.000000026)	ND(0.000000027)	ND(0.000000030)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra for analysis of Appendix IX + 3 constituents. See Table 5 for summary of PCB data and Table 7 for summary of inorganics data.
2. Only parameters detected in at least one sample are shown.
3. J - Indicates an estimated value less than the CLP-required quantitation limit.
4. J** - Indicates an estimated value lower than the calibration limit, but above the target detection limit.
5. NA - Sample was not analyzed for constituent.
6. ND - Compound was not detected; associated quantitation limit presented in parentheses.
7. Duplicate samples are presented in brackets.
8. B - Compound also detected in the associated method blank.

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

**MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY**

SUMMARY OF GROUNDWATER APPENDIX IX+3 INORGANICS DATA

(Concentrations are presented in parts per million)

Parameter	Sample ID:	NY-4	78-6	NY-4	78-6	78-6	NY-4	NY-4
	Date Collected:	05/11/88	Jan/Feb 1991	Jan/Feb 1991	05/20/97	(filtered) 05/20/97	05/20/97	(filtered) 05/20/97
Antimony		ND (0.03)	NA	NA	ND(0.0204)	ND(0.0204)	ND(0.0204) [ND(0.0204)]	ND(0.0204) [ND(0.0204)]
Arsenic		ND (0.03)	NA	NA	0.0299	0.0068J*	0.0136 [0.0159]	ND(0.0019) [ND(0.0019)]
Barium		NA	NA	NA	0.0487 J*	0.0365 J*	0.166 J* [0.175 J*]	0.0196 J* [0.019 J*]
Beryllium		ND (0.001)	NA	NA	ND(0.0002)	ND(0.0002)	0.0011 J* [0.0012 J*]	ND(0.0002) [ND(0.0002)]
Cadmium		ND (0.005)	NA	NA	ND(0.0003)	ND(0.0003)	ND(0.0003) [ND(0.0003)]	ND(0.0003) [ND(0.0003)]
Chromium		ND (0.01)	NA	NA	0.002 J*	ND(0.0019)	0.0384 [0.042]	ND(0.0019) [ND(0.0019)]
Cobalt		NA	NA	NA	0.0057 J*	0.0028 J*	0.0316 J* [0.032 J*]	ND(0.0022) [ND(0.0022)]
Copper		ND (0.01)	NA	NA	0.009 J*	ND(0.0016)	0.0491 [0.0508]	ND(0.0016) [ND(0.0016)]
Lead		ND (0.03)	NA	0.043	0.0034	ND(0.0006)	0.0224 [0.0231]	0.0012 J* [0.0011 J*]
Nickel		ND (0.02)	NA	NA	ND(0.0096)	ND(0.0096)	0.0497 [0.0616]	ND(0.0096) [ND(0.0096)]
Selenium		ND (0.06)	NA	NA	ND(0.0026)	ND(0.0026)	ND(0.0026) [ND(0.0026)]	0.0039 J* [0.0031 J*]
Thallium		ND (0.1)	NA	NA	ND(0.0037)	ND(0.0037)	ND(0.0037) [0.0054 J*]	ND(0.0037) [ND(0.0037)]
Vanadium		NA	NA	NA	0.0054 J*	ND(0.0021)	0.0417 J* [0.0454 J*]	ND(0.0021) [ND(0.0021)]
Zinc		0.006	0.028	0.02	0.080 E	0.0065 J*	0.202 E [0.217 E]	0.0046 J* [0.0054 J*]

(see notes on page 2)

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF GROUNDWATER APPENDIX IX+3 INORGANICS DATA
(Concentrations are presented in parts per million)

Parameter	Sample ID: Date Collected:	SCH-1 05/20/97	SCH-1 (filtered) 05/20/97	SCH-2 05/20/97	SCH-2 (filtered) 05/20/97	SCH-3 05/20/97	SCH-3 (filtered) 05/20/97	SCH-4 05/20/97	SCH-4 (filtered) 05/20/97
Antimony		0.0274 J*	ND(0.0204)	ND(0.0204)	ND(0.0204)	ND(0.0204)	ND(0.0204)	ND(0.0204)	ND(0.0204)
Arsenic		0.073	0.0022 J*	0.0152	ND(0.0019)	0.0379	ND(0.0019)	0.045	0.004 J*
Barium		0.943	0.0478 J*	0.181 J*	0.0326 J*	0.356	0.0121 J*	0.387	0.0962 J*
Beryllium		0.0057	0.00022 J*	0.001 J*	ND(0.0002)	0.0022 J*	ND(0.0002)	0.0026 J*	ND(0.0002)
Cadmium		0.00057 J*	ND(0.0003)	ND(0.0003)	ND(0.0003)	0.00085 J*	ND(0.0003)	ND(0.0003)	ND(0.0003)
Chromium		0.262	0.0032 J*	0.046	ND(0.0019)	0.0764	ND(0.0019)	0.0877	ND(0.0019)
Cobalt		0.202	ND(0.0022)	0.0293 J*	ND(0.0022)	0.0826	ND(0.0022)	0.0945	0.0036 J*
Copper		0.307	0.0068 J*	0.0512	ND(0.0016)	0.142	ND(0.0016)	0.153	ND(0.0016)
Lead		0.110	0.0018 J*	0.0204	0.00091 J*	0.0549	ND(0.0006)	0.0621	0.0013 J*
Nickel		0.329	ND(0.0096)	0.0558	ND(0.0096)	0.120	ND(0.0096)	0.144	ND(0.0096)
Selenium		ND(0.0052)	0.0029 J*	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)
Thallium		0.0141	ND(0.0037)	0.0038 J*	ND(0.0037)	0.007 J*	ND(0.0037)	0.0083 J*	ND(0.0037)
Vanadium		0.197	0.0037 J*	0.0354 J*	ND(0.0021)	0.0686	ND(0.0021)	0.0901	ND(0.0021)
Zinc		1.08 E	0.0597	0.187 E	0.0051 J*	0.548 E	0.005 J*	0.545 E	0.0124 J*

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra for analysis of Appendix IX + 3 Inorganics. See Table 5 for summary of PCB data.
2. Only parameters detected in at least one sample are shown.
3. ND - Compound was not detected, associated quantitation limit presented in parentheses.
4. J* - Indicates the reported value is less than the CLP-required detection limit (CRDL), but greater than the instrument detection limit (IDL).
5. E - Inductively Coupled Plasma (ICP) serial dilution analysis exceeded control limits.
6. NA - Sample was not analyzed for constituent.
6. Duplicate samples are presented in brackets.

TABLE 8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION
ALLENDALE SCHOOL PROPERTY

SUMMARY OF GROUNDWATER ELEVATIONS

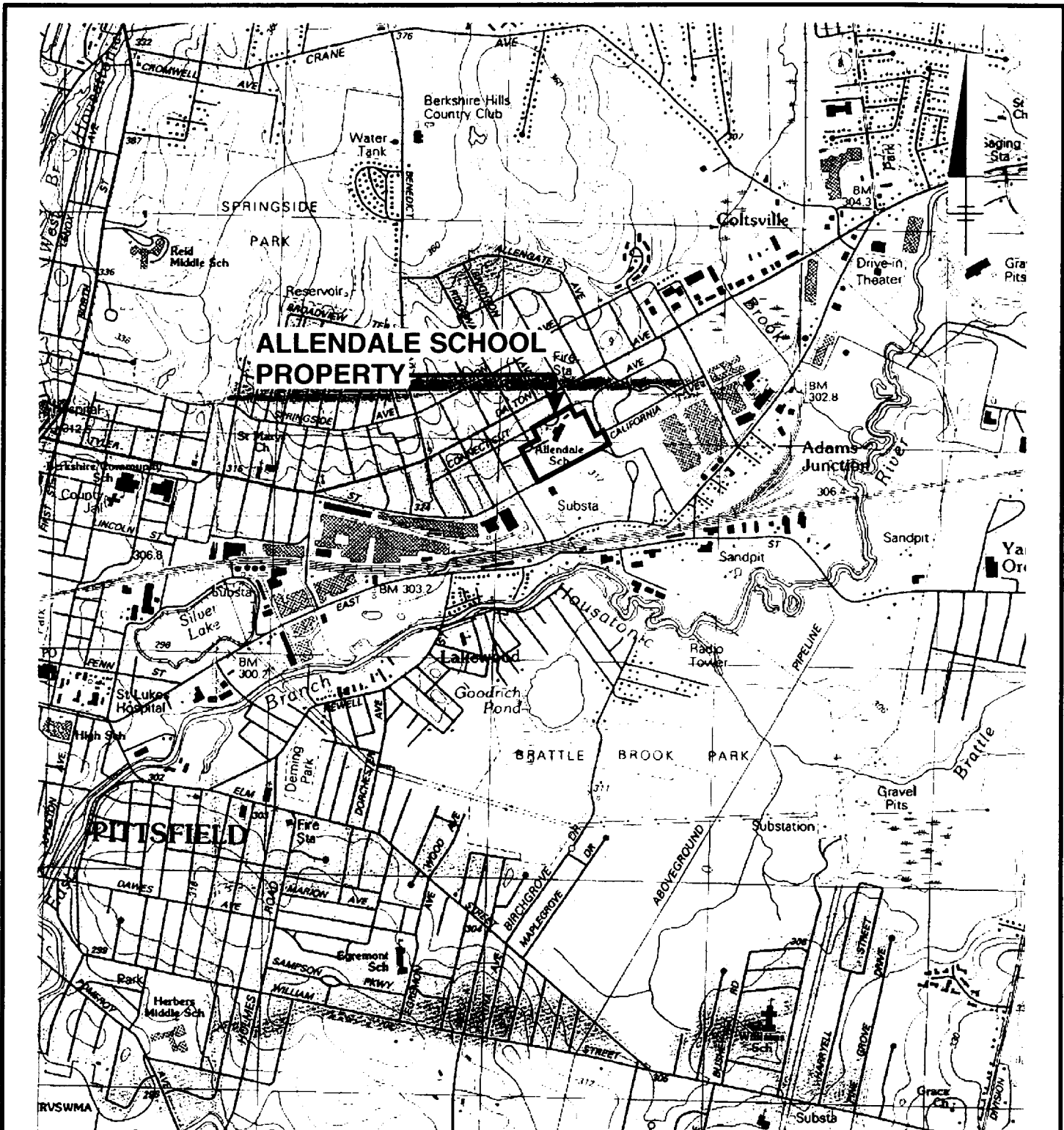
Well ID	Reference Elevation (feet AMSL)[1]	Screen Length (feet)	Screen Depth (feet bgs)[2]	June 20, 1997		July 9, 1997	
				Depth to Water (feet)	Water Table Elevation (feet AMSL)	Depth to Water (feet)	Water Table Elevation (feet AMSL)
SCH-1	1017.13	10	9.2 to 19.2	9.95	1007.18	10.21	1006.92
SCH-2	1006.29	7	4.7 to 11.7	4.15	1002.14	4.84	1001.45
SCH-3	1011.86	5	5.5 to 10.5	4.75	1007.11	5.60	1006.26
SCH-4	1014.05	10	7.9 to 17.9	7.21	1006.84	10.58	1003.47
NY-4	1024.53	15	18 to 33	8.87	1015.39	10.77	1013.49
78-6	1011.99	15	3 to 18	6.19	1005.86	9.24	1002.81

Notes:

1. AMSL - Above mean sea level
2. bgs - Below ground surface

Figures

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

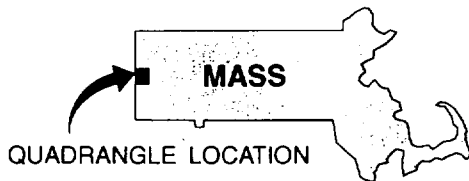


REFERENCE: PITTSFIELD EAST, MASS. USGS QUAD., 7.5 MIN. SERIES, 1988

2000' 0 2000'



APPROXIMATE SCALE: 1" = 2000'



QUADRANGLE LOCATION

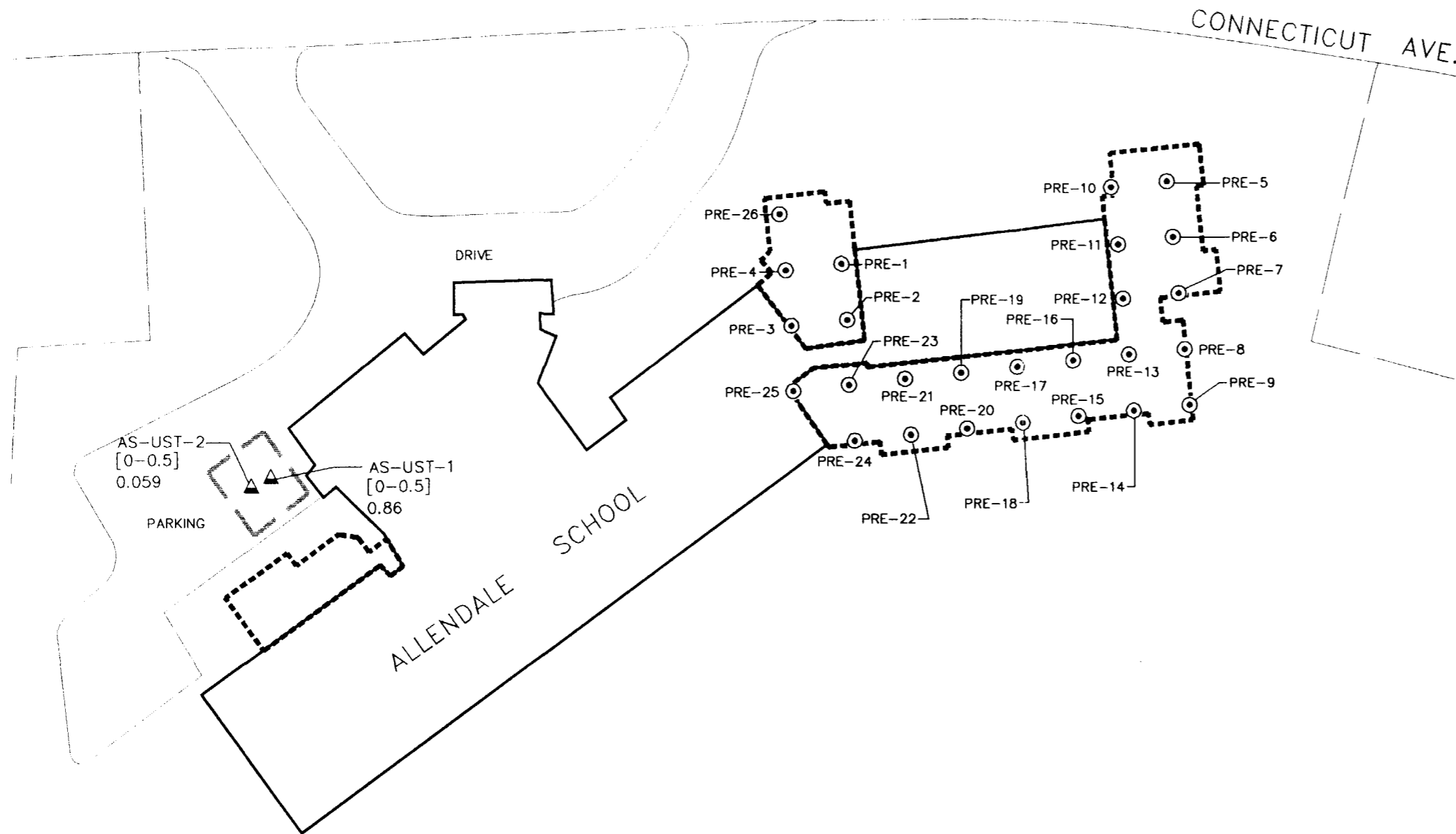
GENERAL ELECTRIC COMPANY, PITTSFIELD, MASSACHUSETTS
**SUPPLEMENTAL PHASE II REPORT FOR
 THE ALLENDALE SCHOOL PROPERTY**

LOCATION PLAN

BBL

BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

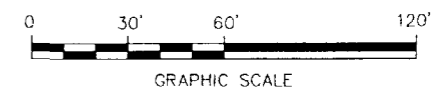
FIGURE
1



- LEGEND:**
- APPROXIMATE LIMITS OF PROPOSED BUILDING EXPANSION (GIFFORD ENGINEERING, 8/28/96)
 - PRE-EXCAVATION - SAMPLING LOCATIONS (APRIL 21-22, 1997)
 - SAMPLE CONCENTRATION GREATER THAN 2 ppm PCB
 - APPROXIMATE TANK REMOVAL AREA
 - SOIL SAMPLE FROM UNDERNEATH REMOVED TANKS
 - [0-0.5] SOIL SAMPLE DEPTH IN FEET
 - 0.86 PCB CONCENTRATION IN ppm

NOTES:

1. PRE-EXCAVATION SAMPLING LOCATIONS ADVANCED BASED ON A 25-FOOT BY 25-FOOT GRID, WHICH IS GENERALLY CONSISTENT WITH GE'S PROTOCOLS FOR THE MANAGEMENT OF EXCAVATION ACTIVITIES (UPDATED NOV. 1996). THE SAMPLING AT THESE LOCATIONS INCLUDED 2-FOOT INTERVAL SAMPLING FOR PCBs TO DEPTHS AT LEAST 2-FOET BEYOND THE EXTENT OF FILL AS DETERMINED BASED ON HISTORICAL TOPOGRAPHIC MAPPING PREDATING THE CONSTRUCTION OF THE SCHOOL. THESE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC., AT THE TIME OF SAMPLING.
2. 1990 AND 1996 SAMPLING LOCATIONS ARE APPROXIMATE.



SUMMARY OF SOIL BORING PCB SAMPLE RESULTS

(PPM, DRY WT.)(SAMPLE INCREMENTS IN FEET)

Sample ID	0 - 0.5	0.5 - 1	1 - 1.5	1.5 - 2	2 - 2.5	2.5 - 3	3 - 3.5	3.5 - 4	4 - 4.5	4.5 - 5	5 - 5.5	5.5 - 6	6 - 6.5	6.5 - 7	7 - 7.5	7.5 - 8	8 - 8.5	8.5 - 9	9 - 9.5	9.5 - 10
PRE-1	0-2ft: ND (0.037)(0.075)				2-4ft: 0.072															
PRE-2	0-2ft: 0.093				2-4ft: 0.11															
PRE-3	0-2ft: 0.049				2-4ft: 0.041															
PRE-4	0-2ft: ND(0.037)				2-4ft: ND (0.038)															
PRE-5	0-2ft: ND(0.038)				2-4ft: ND (0.038)				4-6ft: ND (0.038)											
PRE-6	0-2ft: ND(0.039)				2-4ft: ND (0.038)															
PRE-7	0-2ft: ND(0.039)				2-4ft: ND (0.038)															
PRE-8	0-2ft: ND(0.037)				2-4ft: ND (0.04)				4-6ft: ND (0.039)(ND (0.039))				6-8ft: ND (0.038)							
PRE-9	0-2ft: ND(0.044)				2-4ft: ND (0.04)				4-6ft: ND (0.04)											
PRE-10	0-2ft: 0.047				2-4ft: ND (0.037)				4-6ft: ND (0.038)											
PRE-11	0-2ft: ND(0.037)				2-4ft: ND (0.036)				4-6ft: ND (0.038)											
PRE-12	0-2ft: 0.047				2-4ft: ND (0.036)				4-6ft: ND (0.038)				6-8ft: ND (0.038)							
PRE-13	0-2ft: ND(0.036)				2-4ft: ND (0.036)				4-6ft: ND (0.038)				6-8ft: ND (0.038)(ND (0.038))				8-10ft: ND (0.039)			
PRE-14	0-2ft: 0.042				2-4ft: ND (0.038)				4-6ft: ND (0.039)											
PRE-15	0-2ft: 0.038				2-4ft: ND (0.037)				4-6ft: ND (0.039)											
PRE-16	0-2ft: ND(0.035)				2-4ft: ND (0.036)				4-6ft: ND (0.038)				6-8ft: ND (0.04)				8-10ft: ND (0.039)			
PRE-17	0-2ft: ND(0.036)				2-4ft: ND (0.036)				4-6ft: ND (0.038)				6-8ft: ND (0.043)				8-10ft: ND (0.039)(ND (0.04))			
PRE-18	0-2ft: 0.047				2-4ft: ND (0.037)				4-6ft: 0.09				6-8ft: ND (0.037)							
PRE-19	0-2ft: ND(0.035)				2-4ft: ND (0.036)				4-6ft: 0.052				6-8ft: ND (0.043)				8-10ft: ND (0.044)			
PRE-20	0-2ft: ND(0.079)				2-4ft: ND (0.037)				4-6ft: ND (0.044)				6-8ft: ND (0.042)							
PRE-21	0-2ft: 0.19				2-4ft: ND (0.035)				4-6ft: 0.28				6-8ft: ND (0.04)				8-10ft: ND (0.039)			
PRE-22	0-2ft: 0.143				2-4ft: ND (0.037)				4-6ft: 1.0				6-8ft: ND (0.041)							
PRE-23	0-2ft: 0.13				2-4ft: ND (0.035)				4-6ft: 0.2				6-8ft: ND (0.043)				8-10ft: ND (0.042)			
PRE-24	0-2ft: 0.086				2-4ft: 0.76				4-6ft: 1.1				6-8ft: ND (0.044)(ND (0.041))							
PRE-25	0-2ft: 0.067				2-4ft: 0.18				4-6ft: 0.54				6-8ft: 0.45				8-10ft: 0.065			
PRE-26	0-2ft: 0.13				2-4ft: 0.05															

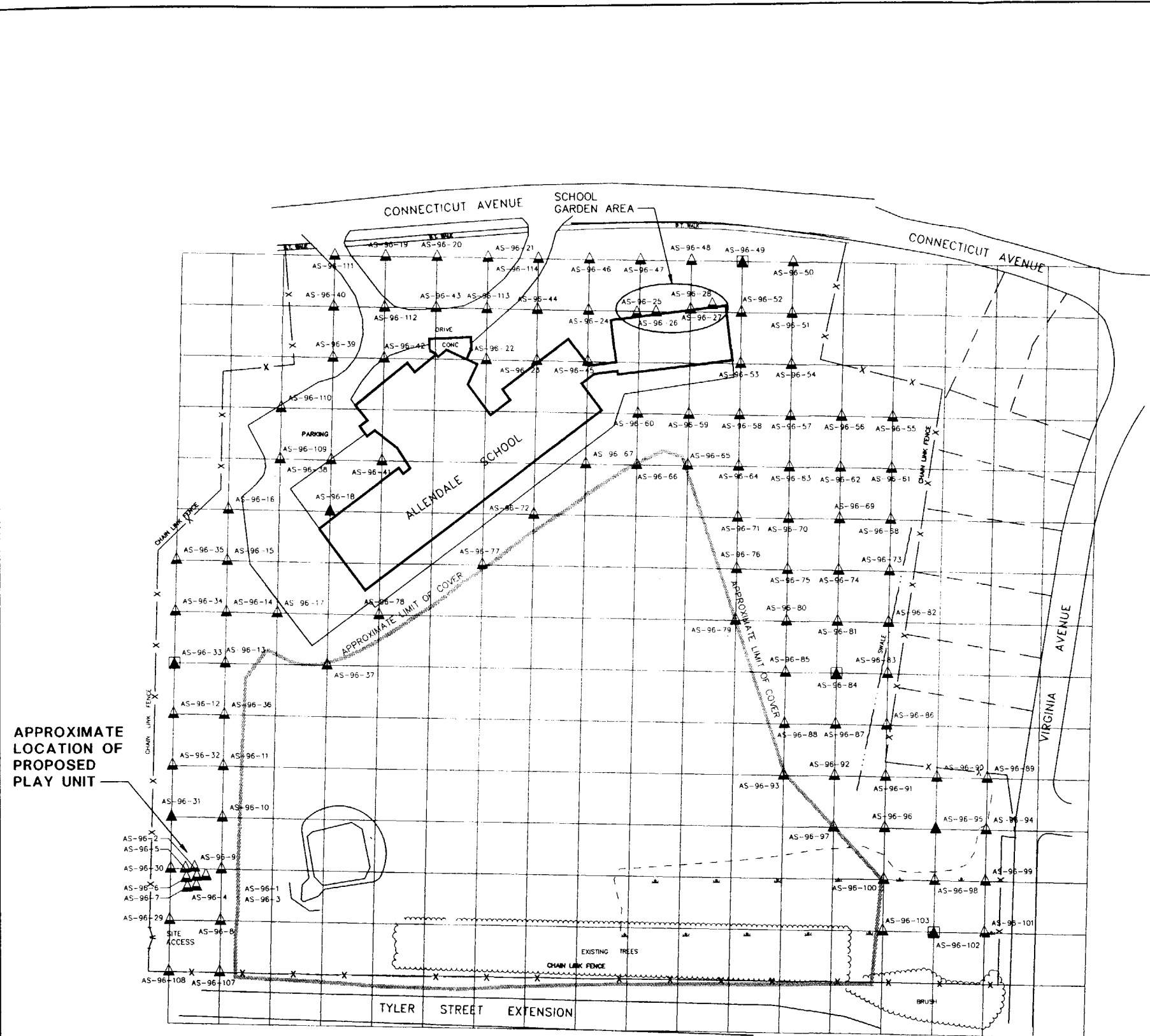
- Notes:
1. -- = No sample collected.
 2. ND (0.25) = Not detected; detection limit shown in parentheses.
 3. [0.471] = Duplicate analysis result shown in brackets.

GENERAL ELECTRIC COMPANY, PITTSFIELD MASSACHUSETTS
**SUPPLEMENTAL PHASE II REPORT FOR
 THE ALLENDALE SCHOOL PROPERTY**

**PCB SOIL ANALYTICAL DATA
 APRIL 1997**

BBL BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

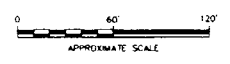
FIGURE
2



SAMPLE IDENTIFICATION	PCBs(ppm)	
	0-6"	6"-12"
AS-96-1	0.056	0.14
AS-96-2	0.077	ND(0.039)
AS-96-3	0.093	0.088
AS-96-4	0.053	0.097
AS-96-5	0.052	ND(0.039)
AS-96-6	0.067	ND(0.039)
AS-96-7	0.069	ND(0.040)
AS-96-8	0.06	0.065
AS-96-9	0.06	0.22
AS-96-10	0.17	0.056
AS-96-11	0.052	ND(0.041)
AS-96-12	ND(0.039)	ND(0.038)
AS-96-13	0.08	ND(0.041)
AS-96-14	0.27	0.13
AS-96-15	0.094	0.073
AS-96-16	0.071	0.075
AS-96-17	0.33	0.1
AS-96-18	0.18	0.073
AS-96-19	0.088	0.075
AS-96-20	0.044	ND(0.037)
AS-96-21	0.058	ND(0.037)
AS-96-22	0.071	ND(0.036)
AS-96-23	0.07	ND(0.036)
AS-96-24	0.051	ND(0.036)
AS-96-25	0.11	ND(0.035)
AS-96-26	0.11	0.051
AS-96-27	0.13	ND(0.036)
AS-96-28	0.072	ND(0.036)
AS-96-29	0.11	0.045
AS-96-30	0.06	ND(0.039)
AS-96-31	ND(0.036)	ND(0.040)
AS-96-32	0.049	ND(0.038)
AS-96-33	0.057	ND(0.033)
AS-96-34	0.096	0.17
AS-96-35	0.066	ND(0.038)
AS-96-36	0.1	ND(0.043)
AS-96-37	0.075	0.069
AS-96-38	0.19	0.065
AS-96-39	0.063	ND(0.038)
AS-96-40	0.054	ND(0.039)
AS-96-41	0.13	0.12
AS-96-42	0.057	0.071
AS-96-43	0.08	0.061
AS-96-44	0.046	ND(0.036)
AS-96-45	0.16	0.083
AS-96-46	0.084	0.063
AS-96-47	0.084	0.055
AS-96-48	0.07	ND(0.039)
AS-96-49	0.085	0.046
AS-96-50	0.13	0.091
AS-96-51	0.12	0.089
AS-96-52	0.051	ND(0.036)
AS-96-53	0.1	0.042
AS-96-54	0.074	0.056
AS-96-55	0.05	0.051
AS-96-56	0.066	0.071
AS-96-57	0.092	0.065

SAMPLE IDENTIFICATION	PCBs(ppm)	
	0-6"	6"-12"
AS-96-58	0.11	0.044
AS-96-59	0.09	0.11
AS-96-60	0.08	0.11
AS-96-61	0.059	0.046
AS-96-62	0.14	0.066
AS-96-63	0.41	0.62
AS-96-64	0.23	0.89
AS-96-65	ND(0.039)	0.1
AS-96-66	ND(0.039)	ND(0.039)
AS-96-67	0.1	0.059
AS-96-68	ND(0.040)	ND(0.038)
AS-96-69	0.14	0.052
AS-96-70	0.46	0.52
AS-96-71	ND(0.034)	ND(0.035)
AS-96-72	0.18	0.14
AS-96-73	0.07	ND(0.041)
AS-96-74	0.51	0.41
AS-96-75	1.0	1.5
AS-96-76	2.8	2.7
AS-96-77	0.11	0.06
AS-96-78	0.08	0.04
AS-96-79	ND(0.038)	ND(0.038)
AS-96-80	3.6	1.6
AS-96-81	1.7	0.88
AS-96-82	0.06	0.11
AS-96-83	0.09	0.043
AS-96-84	0.2	0.21
AS-96-85	0.13	0.64
AS-96-86	0.18	0.12
AS-96-87	0.4	0.047
AS-96-88	0.22	0.93
AS-96-89	0.41	0.29
AS-96-90	0.25	0.27
AS-96-91	0.22	0.16
AS-96-92	0.34	0.47
AS-96-93	ND(0.041)	ND(0.039)
AS-96-94	0.37	0.15
AS-96-95	0.23	0.12
AS-96-96	0.27	0.61
AS-96-97	ND(0.040)	ND(0.039)
AS-96-98	0.72	0.22
AS-96-99	0.13	0.053
AS-96-100	0.22	0.61
AS-96-101	0.18	0.14
AS-96-102	0.48	0.54
AS-96-103	ND(0.042)	0.13
AS-96-104	0.12	0.96
AS-96-105	0.23	0.45
AS-96-106	ND(0.041)	ND(0.041)
AS-96-107	0.061	ND(0.040)
AS-96-108	0.37	0.074
AS-96-109	0.14	0.092
AS-96-110	0.98	0.24
AS-96-111	0.098	ND(0.036)
AS-96-112	0.096	0.068
AS-96-113	0.08	0.058
AS-96-114	ND(0.037)	0.12

- LEGEND:**
- AS-96-101 ▲ SOIL SAMPLES COLLECTED FROM (0-6") AND (6"-12")
 - AS-96-95 ▲ SOIL SAMPLE COLLECTED FOR PCB AND VOC ANALYSES
 - AS-96-84 ▲ SOIL SAMPLE COLLECTED FOR TOC AND PCB ANALYSES
 - - - - - EXISTING CHAIN LINK FENCE
 - - - - - APPROXIMATE LOWLAND BOUNDARY
 - - - - - EXISTING DRAINAGE SWALE
 - ◻ EXISTING TREES AND BRUSH
- AS-96-76 2.8 2.7 SAMPLE CONCENTRATION GREATER THAN 2 ppm PCB



NOTE:
 1. ALL ROADS, BUILDINGS, AND SAMPLE LOCATIONS ARE APPROXIMATE. SAMPLE LOCATIONS WERE SURVEYED IN OCTOBER 1996 BY BLASLAND, BOUCK & LEE, INC.

GENERAL ELECTRIC COMPANY, PITTSFIELD MASSACHUSETTS
 SUPPLEMENTAL PHASE II REPORT FOR
 THE ALLENDALE SCHOOL PROPERTY

PCB SOIL ANALYTICAL DATA
 OCTOBER 1996

L: ON=*, OFF=REF
 P: STD-PCP/DL
 7/17/97 SYR-54-RLP PGL RCB
 10184400\10184SM2.DWG

AS-97-115	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.040)
0.5 - 1.5	ND(0.039)
1.5 - 2	ND(0.038)

AS-97-116	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.041)
0.5 - 1.5	ND(0.038)
1.5 - 2	ND(0.040)

AS-97-117	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.072
0.5 - 1.5	ND(0.038)
1.5 - 2	ND(0.037)

AS-97-118	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.11
0.5 - 1.5	ND(0.039)
1.5 - 2	ND(0.039)

AS-97-119	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.096
0.5 - 1.5	ND(0.040)
1.5 - 2	ND(0.038)

AS-97-120	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	1.9
0.5 - 1	12

AS-97-121	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.043)
0.5 - 1	ND(0.040)

AS-97-122	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	1.4
0.5 - 1	4.2

AS-97-123	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.084
0.5 - 1	0.053

AS-97-124	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	1.2
0.5 - 1	11

AS-97-125	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.65
0.5 - 1	8

AS-97-126	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	1.1
0.5 - 1	5.6

AS-97-127	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.043)
0.5 - 1.5	0.1
1.5 - 2	0.7

ASB-1	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.042)
0.5 - 1	ND(0.039)
1 - 3	ND(0.037) [ND(0.037)]
3 - 5	ND(0.039)
5 - 7	ND(0.041)
7 - 9	ND(0.039)
9 - 11	ND(0.040)

ASB-2	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.059
0.5 - 1	ND(0.041)
1 - 3	ND(0.036)
3 - 5	ND(0.038)
5 - 7	ND(0.037)
7 - 9	ND(0.038)
9 - 11	ND(0.036)

ASB-3	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.064
0.5 - 1	ND(0.036)
1 - 3	0.46
3 - 5	23
5 - 7	ND(0.039)

ASB-4	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.95
0.5 - 1	0.84
1 - 3	5.3
3 - 5	0.19
5 - 7	ND(0.040) [ND(0.041)]

ASB-5	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.042)
0.5 - 1	0.054
1 - 3	ND(0.038)
3 - 5	ND(0.038)

ASB-6	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.035)
0.5 - 1	ND(0.035)
1 - 3	ND(0.036)
3 - 5	0.02
5 - 7	ND(0.035) [ND(0.035)]
7 - 9	ND(0.038)
9 - 11	ND(0.038)

ASB-7	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.041
0.5 - 1	ND(0.035)
1 - 3	ND(0.035)
3 - 5	0.13
5 - 7	0.45

ASB-8	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.036)
0.5 - 1	ND(0.035)
1 - 3	ND(0.037)
3 - 5	0.084
5 - 7	0.91

ASB-9	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.106
0.5 - 1	ND(0.037)
1 - 3	ND(0.037)
3 - 5	ND(0.035)
5 - 7	3
DUP	ND(0.036)

ASB-10	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.087
0.5 - 1	0.050
1 - 3	0.064
3 - 5	1.4
5 - 7	1.1

ASB-11	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	4.2
0.5 - 1	0.65
1 - 3	1.81
3 - 5	0.72
5 - 7	ND(0.041) [ND(0.040)]

ASB-12	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.21
0.5 - 1	0.044
1 - 3	ND(0.036)
3 - 5	93 [160]

ASB-13	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.041)
0.5 - 2	ND(0.039)
2 - 4	7.7
4 - 6	0.18

ASB-14	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.061
0.5 - 2	ND(0.035)
2 - 4	ND(0.036)
4 - 6	0.4
6 - 8	ND(0.035)
8 - 10	ND(0.038)
10 - 12	ND(0.038)

ASB-15	
DEPTH (feet)	PCBs (ppm)
0 - 2	0.161
2 - 4	ND(0.040)
4 - 6	ND(0.039)

ASB-16	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.042)
0.5 - 2	ND(0.038)
2 - 4	49
4 - 6	0.46

ASB-17	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.057
0.5 - 2	ND(0.038)
2 - 4	5.9 [6.1]
4 - 6	29

ASB-18	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.058
0.5 - 2	ND(0.039)
2 - 4	9.6
4 - 6	210

ASB-19	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.24
0.5 - 2	0.29
2 - 4	460
4 - 6	810 [800]

ASB-20	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.064
0.5 - 1	4.2
1 - 3	4.2
3 - 5	0.39
5 - 7	3.6
7 - 9	0.88

ASB-21	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	5.3
0.5 - 1	7.6
1 - 3	2.2
3 - 5	0.99
5 - 7	0.14
7 - 9	0.079

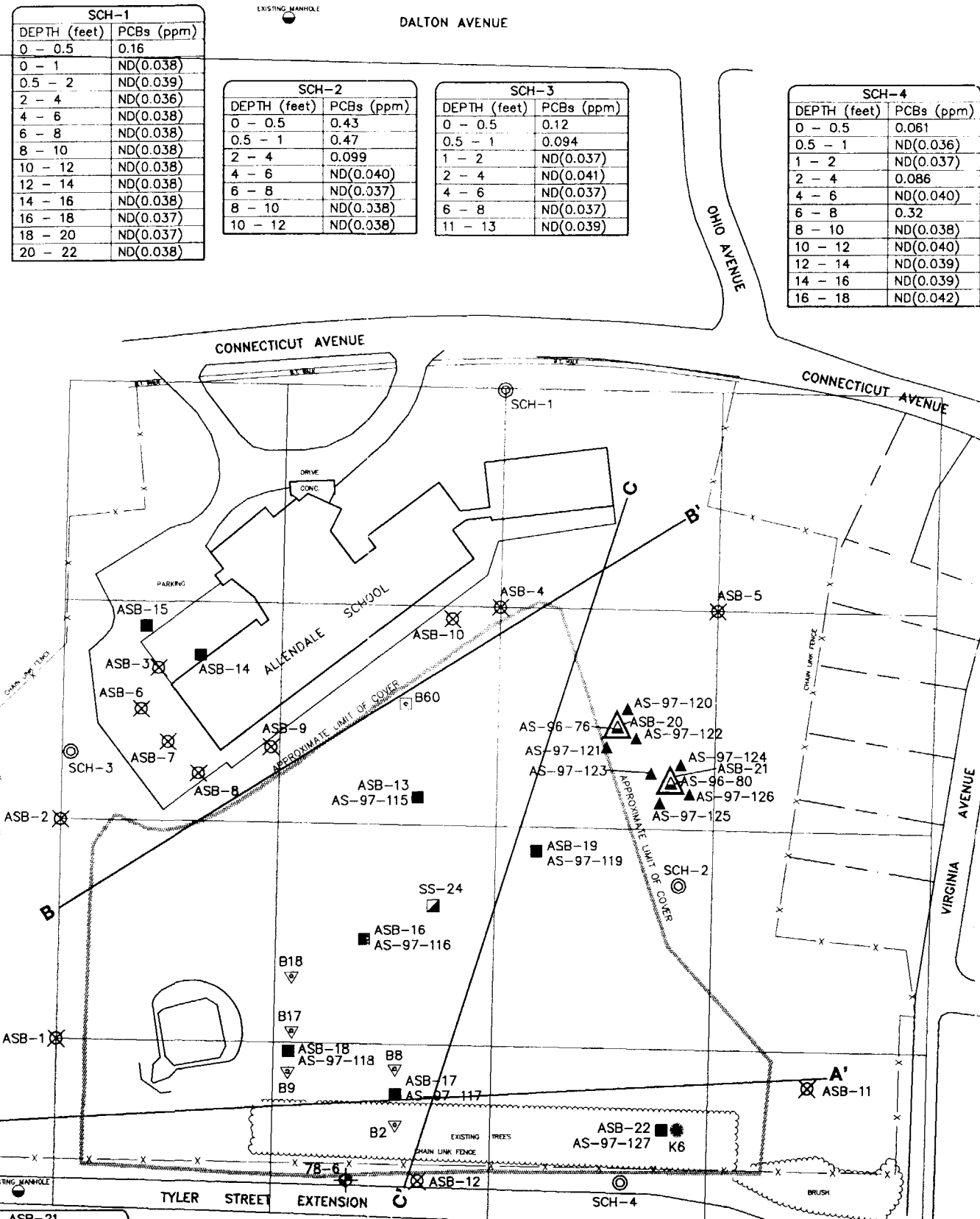
ASB-22	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	ND(0.041)
0.5 - 2	0.053
2 - 4	22
4 - 6	1.4

SCH-1	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.16
0.5 - 2	ND(0.038)
2 - 4	ND(0.039)
4 - 6	ND(0.036)
6 - 8	ND(0.038)
8 - 10	ND(0.038)
10 - 12	ND(0.038)
12 - 14	ND(0.038)
14 - 16	ND(0.038)
16 - 18	ND(0.037)
18 - 20	ND(0.037)
20 - 22	ND(0.038)

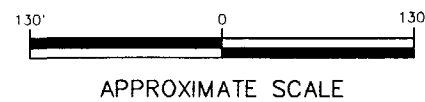
SCH-2	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.43
0.5 - 1	0.47
2 - 4	0.099
4 - 6	ND(0.040)
6 - 8	ND(0.037)
8 - 10	ND(0.038)
10 - 12	ND(0.038)

SCH-3	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.12
0.5 - 1	0.094
1 - 2	ND(0.037)
2 - 4	ND(0.041)
4 - 6	ND(0.037)
6 - 8	ND(0.037)
11 - 13	ND(0.039)

SCH-4	
DEPTH (feet)	PCBs (ppm)
0 - 0.5	0.061
0.5 - 1	ND(0.036)
1 - 2	ND(0.037)
2 - 4	0.086
4 - 6	ND(0.040)
6 - 8	0.32
8 - 10	ND(0.038)
10 - 12	ND(0.040)
12 - 14	ND(0.039)
14 - 16	ND(0.039)
16 - 18	ND(0.042)

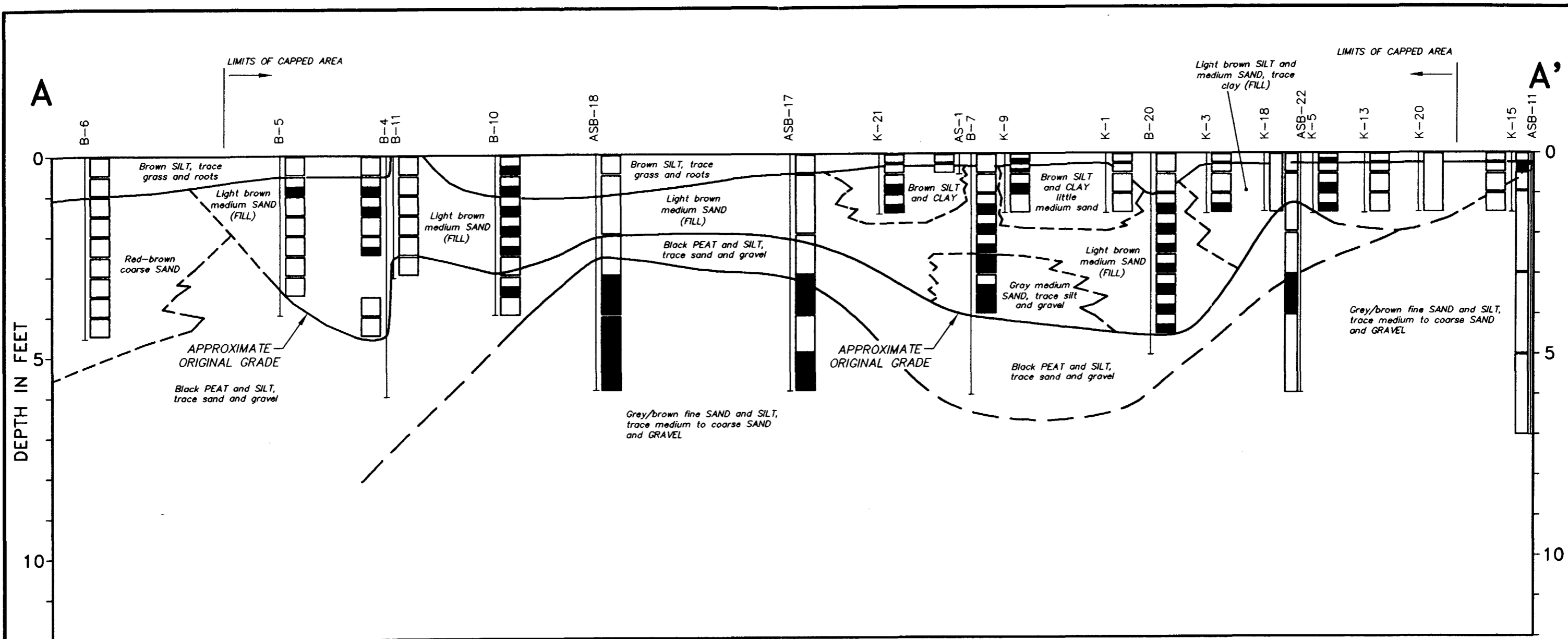


- LEGEND:**
- x-x- EXISTING CHAIN LINK FENCE
 - EXISTING TREES AND BRUSH
 - EXISTING MONITORING WELL LOCATION
 - EXISTING MANHOLE - PROPOSED SURFACE WATER AND SEDIMENT SAMPLING LOCATION
 - ▲ SOIL SAMPLES COLLECTED FROM (0-6") AND (6"-12")
 - JANUARY 1990 - SAMPLING LOCATIONS
 - JULY 1990 - SAMPLING LOCATIONS
 - ▽ AUGUST 17, 1990 - SAMPLING LOCATIONS
 - ◻ AUGUST 24, 1990 - SAMPLING LOCATIONS
 - ⊗ GE PROPOSED SUBSURFACE SOIL SAMPLE LOCATION
 - ⊙ GE PROPOSED SUBSURFACE SOIL SAMPLE LOCATION AND MONITORING WELL LOCATION (MOVED FROM ORIGINALLY PROPOSED LOCATIONS PER MDEP DETERMINATIONS)
 - MDEP REQUIRED SUBSURFACE SOIL SAMPLING LOCATIONS AND SURFACE SOIL SAMPLING LOCATION AFTER INSTALLATION OF SOIL BORING AND SITE RESTORATION
 - ▲ MDEP REQUIRED SURFACE SOIL SAMPLING LOCATIONS
 - △ MDEP REQUIRED SUBSURFACE SOIL SAMPLING LOCATIONS
 - A-A' TRANSECT
 - 2-4-22 SAMPLE CONCENTRATION GREATER THAN 2 ppm PCB
- NOTE:**
- EXISTING MONITORING WELL NY-3 IS LOCATED WEST OF NY-4 ADJACENT TO TYLER STREET EXTENSION.



GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
SUPPLEMENTAL PHASE II REPORT FOR THE ALLENDALE SCHOOL PROPERTY
PCB SOIL ANALYTICAL DATA
APRIL - JUNE 1997

P: STD-PCP/D2BL
 7/17/97 SYR-54-RLP DMW PGL RCB
 10184400/101845M8.DWG

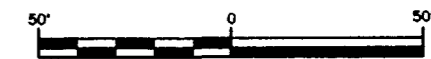


NOTES:

1. HORIZONTAL LIMITS OF FILL ARE BASED UPON HISTORICAL TOPOGRAPHIC MAPPING FOR THE ALLENDALE SCHOOL PROPERTY.
2. BORING LOCATIONS B-3 AND B-9 ON THE ORIGINAL CROSS-SECTION HAVE BEEN SUPERCEDED BY INFORMATION FROM ASB-18.
3. BORING LOCATIONS B-2 AND B-8 ON THE ORIGINAL CROSS-SECTION HAVE BEEN SUPERCEDED BY INFORMATION FROM ASB-17.
4. SUBSURFACE INFORMATION NOT AVAILABLE FOR ALL BORINGS. CROSS-SECTION DEVELOPED ON A DEPTH BELOW GRADE BASIS.

LEGEND:

- ← SOIL BORING NUMBER
- ← SOIL BORING
- PCB CONCENTRATION:
- 3 INCH SAMPLE:
 - LESS THAN 2.0 ppm
 - ▒ 2.0 ppm TO LESS THAN 50.0 ppm
- 6 INCH SAMPLE:
 - LESS THAN 2.0 ppm
 - ▒ 2.0 ppm TO LESS THAN 50.0 ppm
 - GREATER THAN OR EQUAL TO 50 ppm
- 18 INCH SAMPLE:
 - LESS THAN 2.0 ppm
- ← BOTTOM OF BORING



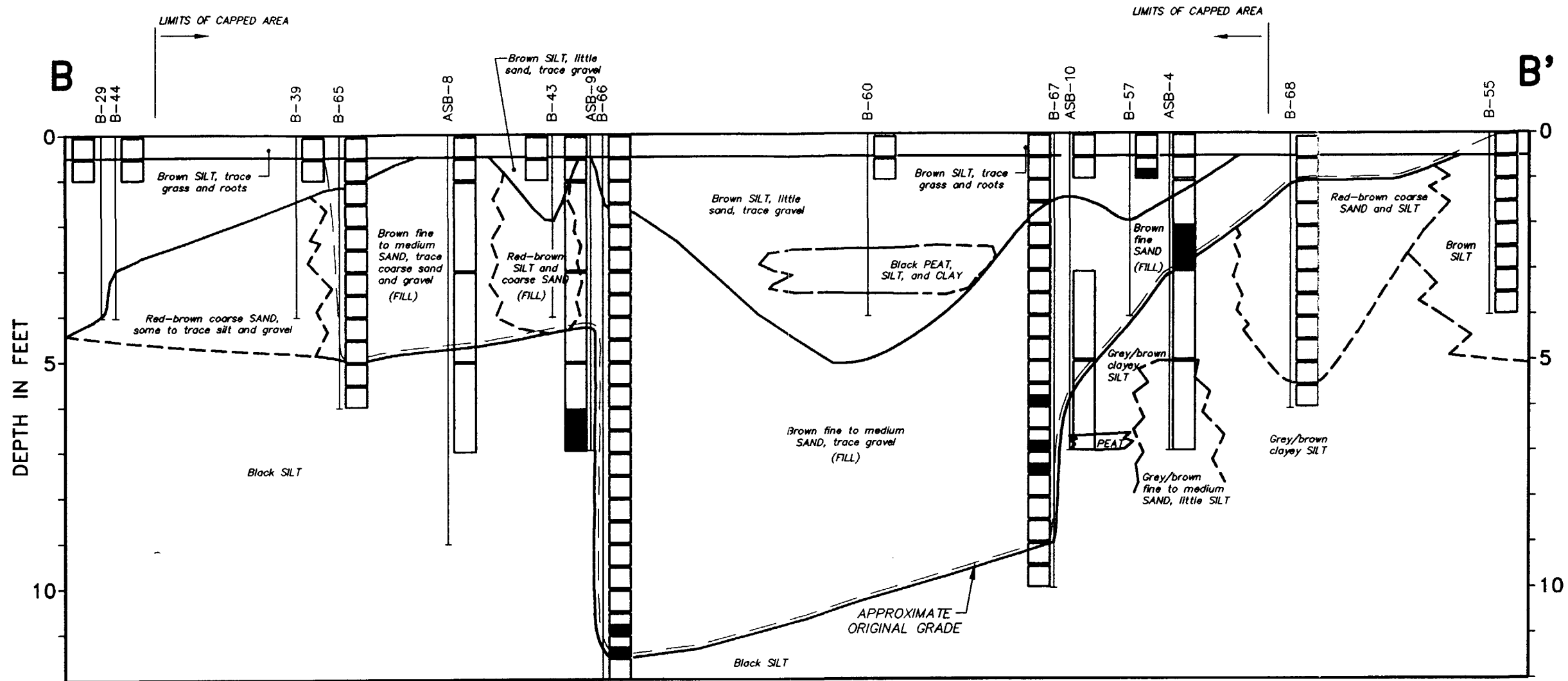
HORIZONTAL SCALE: 1" = 50' (APPROX.)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
**SUPPLEMENTAL PHASE II REPORT FOR
 THE ALLENDALE SCHOOL PROPERTY**

CROSS SECTION A-A'

BBL BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

FIGURE
6

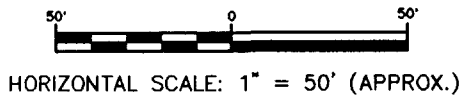


NOTES:

1. TRANSECT B-B' EXTENDS ACROSS SECTIONS OF BOTH THE 1951 EXISTING CONTOURS AND THE 1951 FINISH GRADING LIMITS. THE ORIGINAL GRADE LINE BETWEEN BORINGS B-65 AND B-57 DEPICTS THE ORIGINAL GRADE BENEATH THE 1951 FINISH GRADING.
2. SUBSURFACE INFORMATION NOT AVAILABLE FOR ALL BORINGS. CROSS-SECTION DEVELOPED ON A DEPTH BELOW GRADE BASIS.

LEGEND:

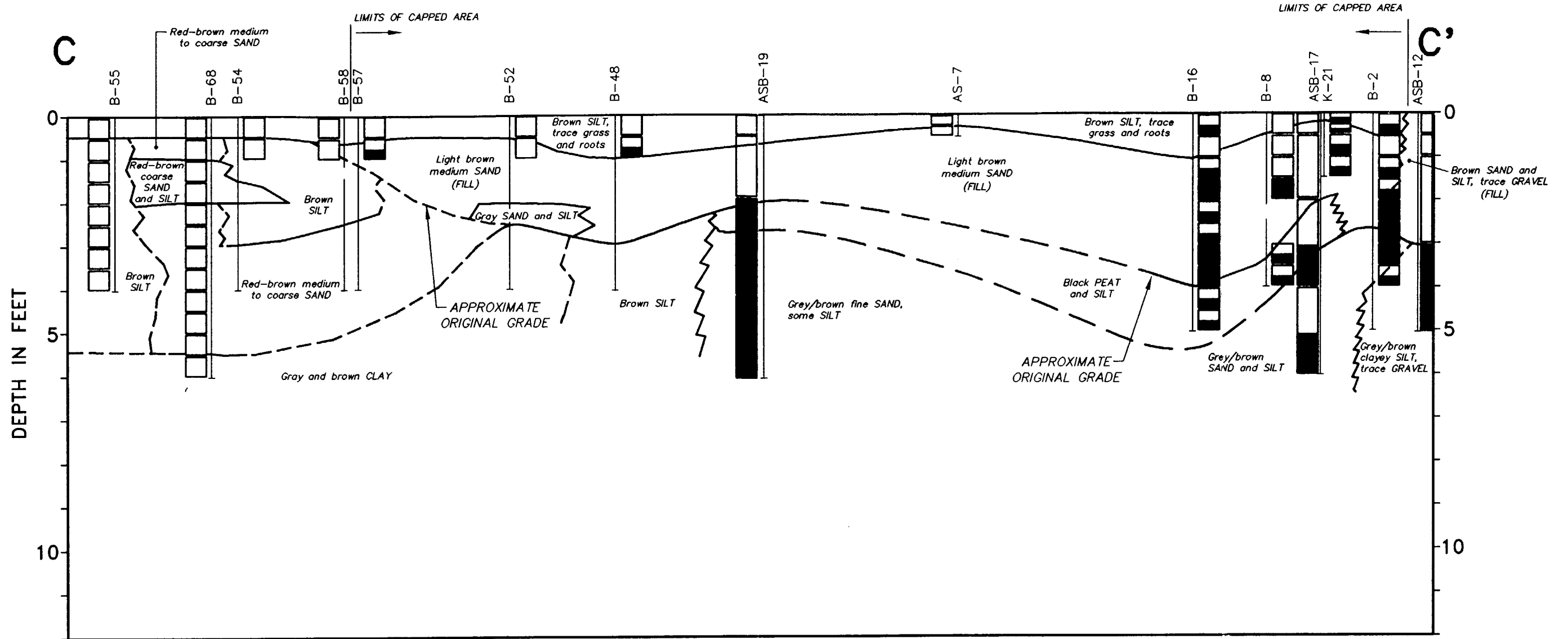
- ← SOIL BORING NUMBER
- ← SOIL BORING
- PCB CONCENTRATION:
- 3 INCH SAMPLE:
 - LESS THAN 2.0 ppm
 - ▨ 2.0 ppm TO LESS THAN 50.0 ppm
- 6 INCH SAMPLE:
 - LESS THAN 2.0 ppm
 - ▨ 2.0 ppm TO LESS THAN 50.0 ppm
 - GREATER THAN OR EQUAL TO 50 ppm
- 18 INCH SAMPLE:
 - LESS THAN 2.0 ppm
- ← BOTTOM OF BORING
- APPROXIMATE ORIGINAL GRADE



GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 SUPPLEMENTAL PHASE II REPORT FOR
 THE ALLENDALE SCHOOL PROPERTY

CROSS SECTION B-B'

BBL BLASLAND, BOUCK & LEE, INC.
 engineers & scientists



NOTES:

1. HORIZONTAL LIMITS OF FILL ARE BASED UPON HISTORICAL TOPOGRAPHIC MAPPING FOR THE ALLENDALE SCHOOL PROPERTY.
2. SUBSURFACE INFORMATION NOT AVAILABLE FOR ALL BORINGS. CROSS-SECTION DEVELOPED ON A DEPTH BELOW GRADE BASIS.

LEGEND:

- ← SOIL BORING NUMBER
- ← SOIL BORING
- PCB CONCENTRATION:
- 3 INCH SAMPLE:
 - LESS THAN 2.0 ppm
 - ▒ 2.0 ppm TO LESS THAN 50.0 ppm
- 6 INCH SAMPLE:
 - LESS THAN 2.0 ppm
 - ▒ 2.0 ppm TO LESS THAN 50.0 ppm
 - GREATER THAN OR EQUAL TO 50 ppm
- 18 INCH SAMPLE:
 - LESS THAN 2.0 ppm
- ← BOTTOM OF BORING



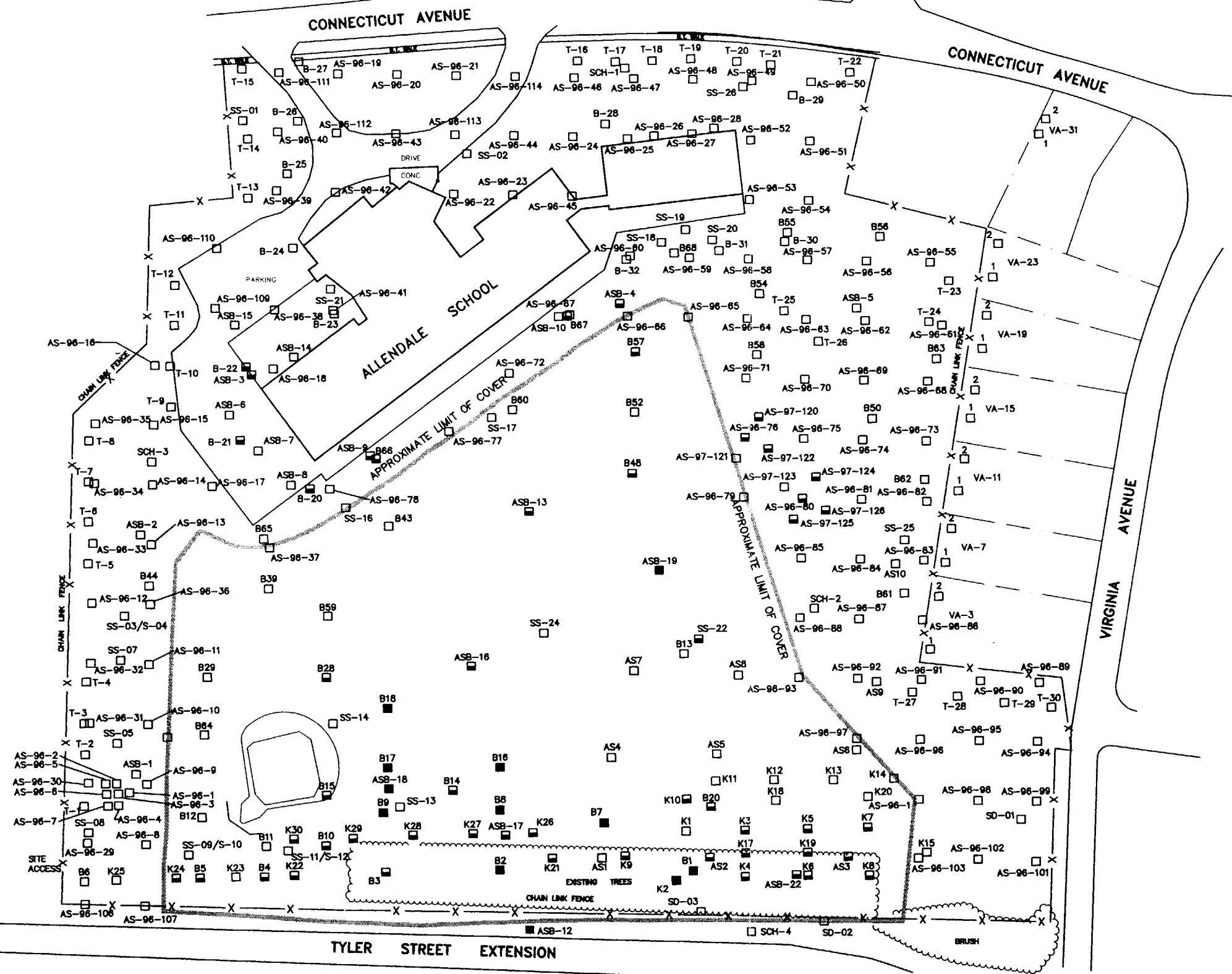
HORIZONTAL SCALE: 1" = 50' (APPROX.)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 SUPPLEMENTAL PHASE II REPORT FOR
 THE ALLENDALE SCHOOL PROPERTY

CROSS SECTION C-C'

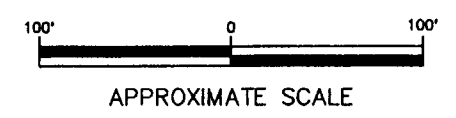
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 engineers & scientists

FIGURE
8



LEGEND:

- x-x- EXISTING CHAIN LINK FENCE
 - EXISTING TREES AND BRUSH
- HIGHEST PCB CONCENTRATION OF ALL SAMPLES COLLECTED AT BORING LOCATION:
- LESS THAN 2.0 ppm
 - ▣ 2.0 ppm TO LESS THAN 50.0 ppm
 - GREATER THAN OR EQUAL TO 50 ppm

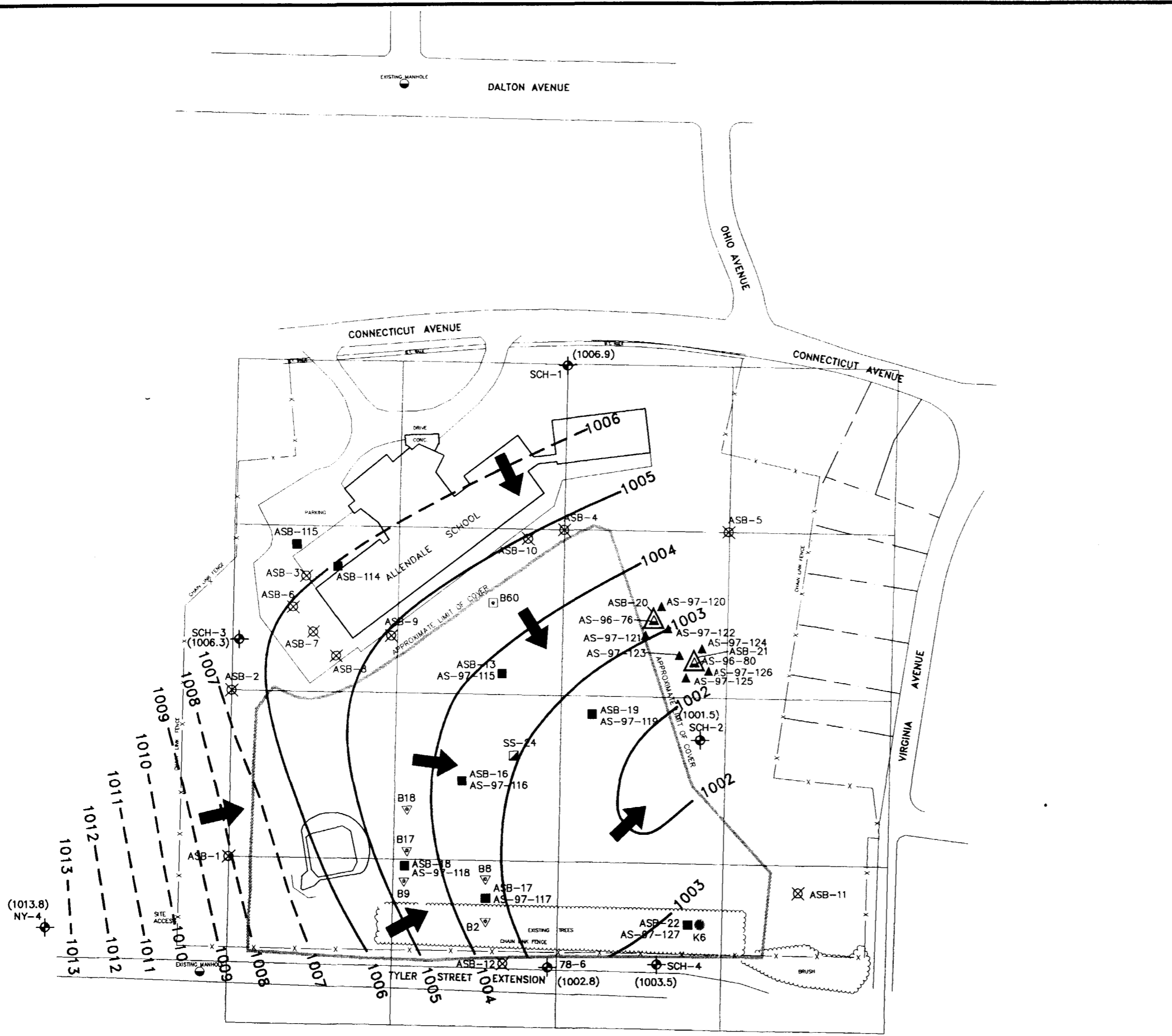


GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 SUPPLEMENTAL PHASE II REPORT FOR
 THE ALLENDALE SCHOOL PROPERTY

**SUMMARY OF HORIZONTAL
 EXTENT OF PCB'S IN SOIL**

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FIGURE
9

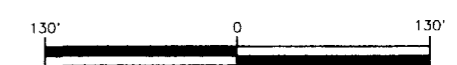


LEGEND:

- x—x— EXISTING CHAIN LINK FENCE
- ⊞ EXISTING TREES AND BRUSH
- ⊕ EXISTING MONITORING WELL LOCATION
- EXISTING MANHOLE
- ▲ SOIL SAMPLES COLLECTED FROM (0-6") AND (6"-12")
- JULY 1990 - SAMPLING LOCATIONS
- ▽ AUGUST 17, 1990 - SAMPLING LOCATIONS
- AUGUST 24, 1990 - SAMPLING LOCATIONS
- APRIL-JUNE, 1997 - SUBSURFACE SOIL SAMPLING LOCATIONS
- MDEP REQUIRED SUBSURFACE SOIL SAMPLING LOCATIONS AND SURFACE SOIL SAMPLING LOCATION AFTER INSTALLATION OF SOIL BORING AND SITE RESTORATION
- ▲ MDEP REQUIRED SURFACE SOIL SAMPLING LOCATIONS
- △ MDEP REQUIRED SUBSURFACE SOIL SAMPLING LOCATIONS
- (1001.5) WATER TABLE ELEVATION ABOVE MEAN SEA LEVEL (NGVD 1929) (FEET)
- WATER TABLE ELEVATION CONTOUR LINE, DASHED WHERE INFERRED
- ➔ GROUND-WATER FLOW DIRECTION

NOTE:

EXISTING MONITORING WELL NY-3 IS LOCATED WEST OF NY-4 ADJACENT TO TYLER STREET EXTENSION.

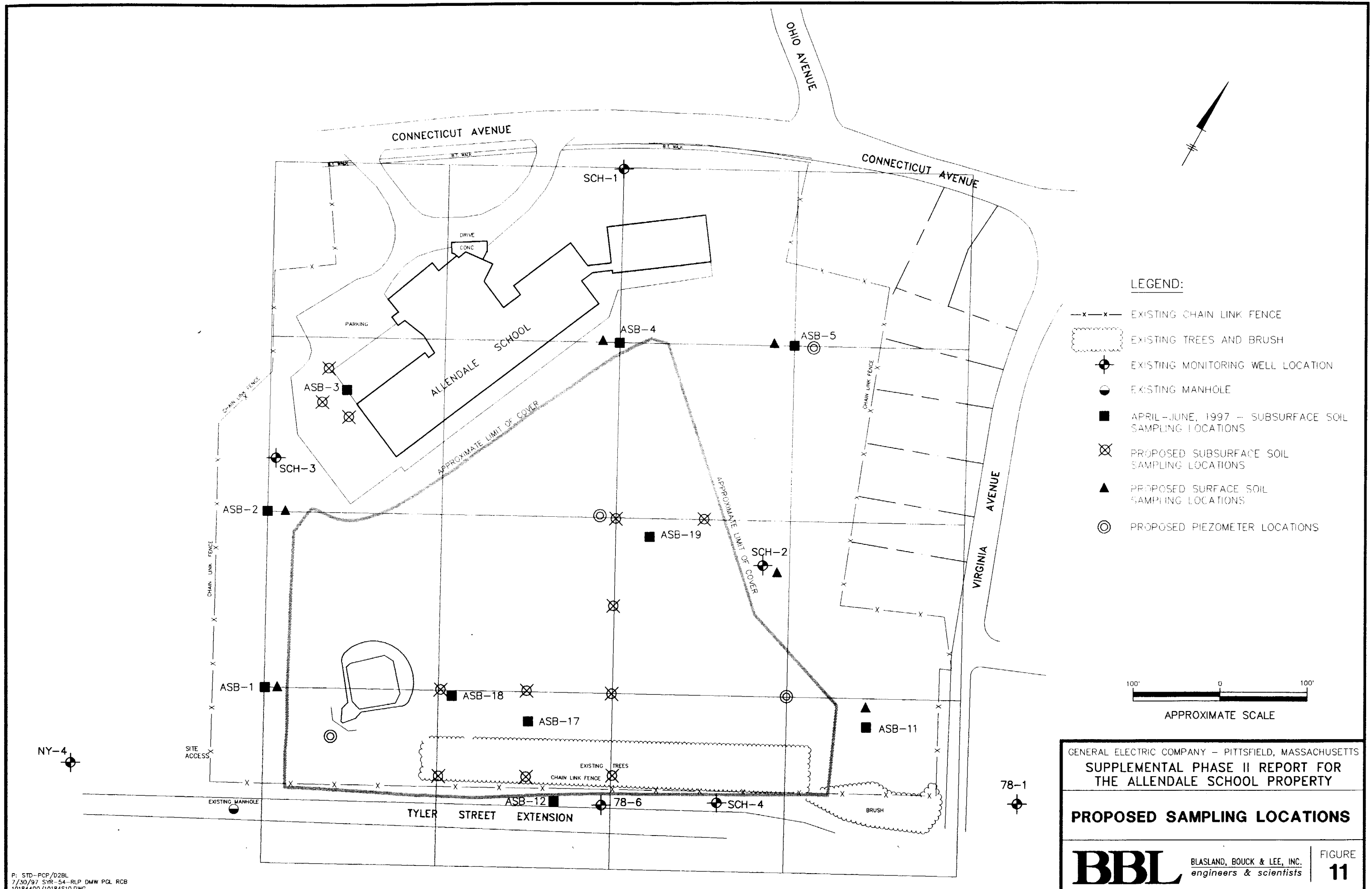


APPROXIMATE SCALE

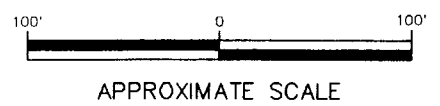
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**WATER TABLE ELEVATION
 CONTOUR MAP - JULY 9, 1997**

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- LEGEND:**
- x-x- EXISTING CHAIN LINK FENCE
 - EXISTING TREES AND BRUSH
 - EXISTING MONITORING WELL LOCATION
 - EXISTING MANHOLE
 - APRIL-JUNE, 1997 - SUBSURFACE SOIL SAMPLING LOCATIONS
 - PROPOSED SUBSURFACE SOIL SAMPLING LOCATIONS
 - PROPOSED SURFACE SOIL SAMPLING LOCATIONS
 - PROPOSED PIEZOMETER LOCATIONS



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PROPOSED SAMPLING LOCATIONS

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FIGURE 11

Attachments

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Attachment A

Hill 78 Area/USEPA Area 2 - Stormwater Drainage System


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Attachment B

Soil Boring Logs

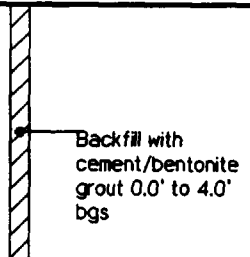
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastings: Borehole Depth: 4 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-1 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	1.8	0.0/0.0			Brown fine to medium SAND, trace coarse Sand and fine Gravel, damp.	 Backfill with cement/bentonite grout 0.0' to 4.0' bgs
		(2-4')		NA	NA	1.8	0.0/0.0			Trace Silt.	
5	5									Bottom of boring 4.0' bgs.	
10	10										
15	15										
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	


 BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB and MS/MSD. Sample (2-4') analyzed for PCB and duplicate. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size : na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 4 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-2 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	15	0.0/0.0		[Stippled Pattern]	Brown fine to medium SAND, trace coarse Sand, fine Gravel, and Silt, damp.	 Backfill with cement/bentonite grout 0.0' to 4.0' bgs
		(2-4')		NA	NA	15	0.0/0.0				
5	-5									Bottom of boring 4.0' bgs.	
10	-10										
5	-5										

<h1>BBL</h1> <p>BLASLAND, BOUCK & LEE, INC. engineers & scientists</p>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (2-4') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 4 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-3 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	15	0.0/0.0			Brown fine SAND and SILT, natural organics (grass), damp.	 Backfill with cement/bentonite grout 0.0' to 4.0' bgs
		(2-4')		NA	NA	15	0.0/0.0			Brown fine SAND, trace medium to coarse Sand, damp.	
5	5									Bottom of boring 4.0' bgs.	
10	10										
15	15										
20	20										
25	25										
30	30										
35	35										
40	40										
45	45										
50	50										
55	55										
60	60										
65	65										
70	70										
75	75										
80	80										
85	85										
90	90										
95	95										
100	100										

 BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (2-4') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size : na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 4 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-4 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	16	0.0/0.0			Brown fine SAND and SILT, natural organics (grass), damp.	
		(2-4')		NA	NA	16	0.0/0.0			Brown fine SAND, trace medium to coarse Sand, damp. Trace Slag.	
5	-5									Bottom of boring 4.0' bgs.	
10	-10										
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	


	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (2-4') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-5 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	17	0.0/0.0			Dark brown fine SAND and SILT, natural organics (grass), damp.	<p>Backfill with cement/bentonite grout 0.0' to 6.0' bgs</p>
		(2-4')		NA	NA	17	0.0/0.0		Fill/Native Boundary Brown fine SAND, trace to little Silt, trace medium to coarse Sand and fine to medium Gravel, damp.		
5	-5	(4-6')		NA	NA	15	0.0/0.0		Brown SILT, trace fine Sand and fine to medium Gravel, damp.		
										Bottom of boring 6.0' bgs.	
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	
10	-10										
5	-5										


	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), and (4-6') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 4 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-8 Client: General Electric Company Site: Attendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0/0.0			Brown SILT, some fine Sand, trace medium to coarse Sand and fine to medium Gravel, damp.	 Backfill with cement/bentonite grout 0.0' to 4.0' bgs
		(2-4')		NA	NA	2.0	0.0/0.0				
5	-5									Bottom of boring 4.0' bgs.	
10	-10										
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

 BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (2-4') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 4 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-7 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	12	0.0/0.0			Dark brown SILT and fine SAND, natural organics, damp.	 Backfill with cement/bentonite grout 0.0' to 4.0' bgs
		(2-4')		NA	NA	12	0.0/0.0			Brown fine SAND, trace Silt, medium to coarse Sand and fine to medium Gravel, damp. Moist.	
5	-5									Bottom of boring 4.0' bgs.	
10	-10										
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

 BBL BLASLAND, BOUCK & LEE, INC. <i>engineers & scientists</i>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (2-4') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 8 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-8 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	12	0.0/0.0			Brown fine SAND and SILT, natural organics (grass), damp.	<p>Backfill with cement/bentonite grout 0.0' to 8.0' bgs</p>
		(2-4')		NA	NA	12	0.0/0.0		Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp.		
		(4-6')		NA	NA	17	0.0/0.0		Brown SILT, trace fine Sand and fine to medium Gravel, damp to moist. Moist.		
		(6-8')		NA	NA	17	0.0/0.0		Damp.		
										Bottom of boring 8.0' bgs.	
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (6-8') analyzed for PCB. Sample (2-4') analyzed for PCB and MS/MSD. Sample (4-6') analyzed for PCB and duplicate. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size : na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-9 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	18	0.0/0.0			Dark brown fine SAND and SILT, trace fine Gravel and brick, damp.	<p>Backfill with cement/bentonite grout 0.0' to 6.0' bgs</p>
		(2-4')		NA	NA	18	0.0/0.0		Brown SILT, trace fine SAND and fine to medium Gravel, damp to wet.		
		(4-6')		NA	NA	NA	0.0/0.0		Fill/Native Boundary Gray and brown Clayey SILT, trace fine Gravel, damp.		
5	-5								Bottom of boring 6.0' bgs.		
10	-10										
15	-15										
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. NR=Recovery not available. Sample (0-2'), (2-4'), and (4-6') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-10 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	12	0.0			Dark brown fine SAND and SILT, trace medium to coarse Sand and fine to medium Gravel, natural organics (grass), damp.	Backfill with cement/bentonite grout 0.0' to 6.0' bgs
		(2-4')		NA	NA	12	0.0		Brown fine to medium SAND, trace coarse Sand and fine to medium Gravel, damp.		
		(4-6')		NA	NA	1.8	0.0		Brown fine SAND and SILT, trace fine to medium Gravel, damp to moist.		
5	-5									Fill/Native Boundary Brown and gray Clayey SILT, trace fine to medium Gravel, damp.	
										Bottom of boring 6.0' bgs.	
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	
10	-10										
5	-5										

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), and (4-6') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-11 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	1.0	0.0			Dark brown fine SAND and SILT, trace medium to coarse Sand and fine to medium Gravel, natural organics (grass), damp.	<p>Backfill with cement/bentonite grout 0.0' to 6.0' bgs</p>
		(2-4')		NA	NA	1.0	0.0			Brown fine to medium SAND, trace coarse Sand and fine to medium Gravel, damp.	
5	-5	(4-6')		NA	NA	1.8	0.0			Fill/Native Boundary Brown and gray Clayey SILT, trace fine to medium Gravel, damp.	
										Bottom of boring 6.0' bgs.	
10	-10										
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

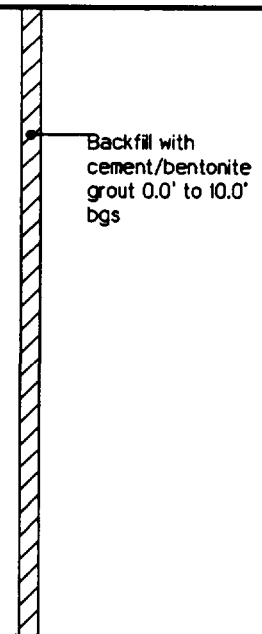
	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (4-6'), and (6-8') analyzed for PCB. All Samples analyzed by Guanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 8 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-12 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
	gs elevation ft.									GROUND SURFACE	
		(0-2')		NA	NA	15	0.0/0.0		[Pattern]	Dark brown fine SAND and SILT, trace fine Gravel and natural organics, damp.	Backfill with cement/bentonite grout 0.0' to 8.0' bgs
		(2-4')		NA	NA	15	0.0/0.0		[Pattern]	Brown fine to medium SAND, trace coarse Sand and fine to medium Gravel, damp.	
5	-5	(4-6')		NA	NA	17	0.0/0.0		[Pattern]	Fill/Native Boundary Brown and gray Clayey SILT, trace fine to medium Gravel, damp.	
		(6-8')		NA	NA	17	0.0/0.0		[Pattern]		
										Bottom of boring 8.0' bgs.	
	10	-10									
	5	-5									





<h1 style="margin:0;">BBL</h1> <p style="margin:0;">BLASLAND, BOUCK & LEE, INC. engineers & scientists</p>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), and (6-8') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size : na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 10 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-13 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0								GROUND SURFACE		
		(0-2')		NA	NA	1.6	0.0/0.0		Dark brown fine SAND and SILT, trace fine to medium Gravel. Brown fine to medium SAND, trace coarse Sand and fine to medium Gravel, damp.		
		(2-4')		NA	NA	1.6	0.0/0.0				
5	-5	(4-6')		NA	NA	1.8	0.0/0.0		Dark brown fine SAND and SILT, trace fine to medium Gravel, damp.		
		(6-8')		NA	NA	1.8	0.0/0.0		Brown fine SAND, little Silt, trace medium to coarse and fine to medium Gravel, damp.		
		(8-10')		NA	NA	2.0	0.0/0.0		Fill/Native Boundary Brown and gray Clayey SILT, trace fine to medium Gravel, damp. wet.		
10	-0								Bottom of boring 10.0' bgs.		
5	-5								Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.		

<h1 style="margin: 0;">BBL</h1> <p style="margin: 0; font-size: small;">BLASLAND, BOUCK & LEE, INC. engineers & scientists</p>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), and (8-10') Sample (8-8') analyzed for PBC and duplicate. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-14 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
	gs elevation ft.									GROUND SURFACE	
		(0-2')		NA	NA	1.0	2.8			Dark brown fine SAND and SILT, trace fine Gravel, natural organics (grass), damp.	 Backfill with cement/bentonite grout 0.0' to 6.0' bgs
		(2-4')		NA	NA	1.0	0.0			Brown fine SAND, little medium Sand, trace coarse Sand and fine Gravel, damp.	
5	-5	(4-6')		NA	NA	1.5	0.0			Fill/Native Boundary Brown and gray Clayey SILT, trace fine to medium Gravel, moist.	
										Bottom of boring 6.0' bgs.	
										Comment: 4'long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

BBL

BLASLAND, BOUCK & LEE, INC.


engineers & scientists

Remarks:

NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), and (4-6') analyzed for PCB. All Samples analyzed by Quanterra laboratories

Saturated Zones		
Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-15 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	1.5	0.0			Dark brown fine SAND and SILT, natural organics (grass), damp.	 <p>Backfill with cement/bentonite grout 0.0' to 6.0' bgs</p>
		(2-4')		NA	NA	1.5	0.0			Brown fine SAND, little medium Sand, trace coarse Sand and fine Gravel, damp.	
5	-5	(4-6')		NA	NA	1.5	0.0			wet.	
										Fill/Native Boundary	
										Brown SILT, some Clay, fine to medium Gravel, trace fine Sand, moist.	
										Bottom of boring 6.0' bgs.	
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

<h1 style="margin: 0;">BBL</h1> <p style="margin: 0; font-size: small;">BLASLAND, BOUCK & LEE, INC. engineers & scientists</p>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB and MS/MSD. Sample (2-4') and (4-6') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 10 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-18 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
	gs elevation ft.									GROUND SURFACE	
	0	(0-2')		NA	NA	14	0.0/0.0			Asphalt, brown fine SAND. Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp.	Backfill with cement/bentonite grout 0.0' to 10.0' bgs
		(2-4')		NA	NA	14	0.0/0.0			Moist to wet.	
5	-5	(4-8')		NA	NA	15	0.0/0.0				
		(6-8')		NA	NA	15	0.0/0.0			Fill/Native Boundary Brown fine SAND and SILT, trace fine to medium Gravel, wet.	
		(8-10')		NA	NA	10	0.0/0.0			Brown and gray Clayey SILT, trace fine to medium Gravel, moist. wet.	
10	-10									Bottom of boring 10.0' bgs.	
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-8'), (6-8'), and (8-10') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 10 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-17 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0/0.0			Asphalt, brown fine SAND. Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp. Damp to moist.	<p>Backfill with cement/bentonite grout 0.0' to 10.0' bgs</p>
		(2-4')		NA	NA	2.0	0.0/0.0			wet.	
5	5	(4-6')		NA	NA	1.8	0.0/0.0				
		(6-8')		NA	NA	1.8	0.0/0.0			Fill/Native Boundary Brown SILT, trace fine to medium Sand and Gravel, and natural organics (rootlets), wet to moist. Brown and gray Clayey SILT, trace fine to medium Gravel, moist.	
		(8-10')		NA	NA	2.0	0.0/0.0				
10	10									Bottom of boring 10.0' bgs.	
5	5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4') and (4-8') analyzed for PCB. Sample (8-8') analyzed for PBC and NS/MSD. Sample (8-10') analyzed for PCB and duplicate. All Samples analyzed by Quanterra laboratories.	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 8 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-18 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	10	0.0/0.0			Dark brown fine SAND and SILT, trace fine Gravel and natural organics (grass), damp.	
		(2-4')		NA	NA	10	0.0/0.0		Brown fine SAND, little medium Sand, trace coarse Sand and fine Gravel, damp.		
5	-5	(4-6')		NA	NA	15	0.0/0.0		Moist. Fill/Native Boundary Brown SILT, little fine Sand, trace fine Gravel, moist.		
		(6-8')		NA	NA	15	0.0/0.0		Brown and gray Clayey SILT, trace fine to medium Gravel, moist.		
										Bottom of boring 8.0' bgs.	
10	-10										
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), and (6-8') analyzed for PCB. All Samples analyzed by Guanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Wiley, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 10 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-19 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0/0.0			Asphalt, brown fine SAND. Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp.	<p>Backfill with cement/bentonite grout 0.0' to 10.0' bgs</p>
		(2-4')		NA	NA	2.0	0.0/0.0				
5	-5	(4-6')		NA	NA	2.0	0.0/0.0		Fill/Native Boundary		
		(6-8')		NA	NA	2.0	0.0/0.0		Brown SILT, trace fine to medium Sand and Gravel, and natural organics (rootlets). Moist.		
		(8-10')		NA	NA	0.8	0.0/0.0		Brown and Gray Clayey SILT, trace fine to medium gravel, moist Brown fine SAND and SILT, trace medium to coarse Sand and fine Gravel, wet.		
10	-0								Possible delithified or weathered quartzite or sandstone in bottom of spoon. Bottom of boring 10.0' bgs.		
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), (6-8') and (8-10') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 8 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-20 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	15	0.0/0.0			Dark brown fine SAND and SILT, trace natural organics (grass), damp.	
		(2-4')		NA	NA	15	0.0/0.0		Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp. Moist.		
5	-5	(4-6')		NA	NA	2.0	0.0/0.0		Moist to wet. Fill/Native Boundary Brown SILT, little fine Sand, trace fine Gravel, moist to wet.		
		(6-8')		NA	NA	2.0	0.0/0.0		Brown and gray Clayey SILT, trace fine to medium Gravel, moist to wet.		
										Bottom of boring 8.0' bgs.	
10	-10										
5	-5										
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	



Remarks:
 NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), and (6-8') analyzed for PCB. All Samples analyzed by Quanterra laboratories

Saturated Zones		
Date / Time	Elevation	Depth


Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 10 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-21 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0/0.0			Asphalt, brown fine SAND. Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp.	<p>Backfill with cement/bentonite grout 0.0' to 10.0' bgs</p>
		(2-4')		NA	NA	2.0	0.0/0.0				
5	5	(4-6')		NA	NA	2.0	0.0/0.0		Fill/Native Boundary		
		(6-8')		NA	NA	2.0	0.0/0.0		Brown SILT, trace fine to medium Sand and Gravel, and natural organics (rootlets). Moist.		
		(8-10')		NA	NA	0.8	0.0/0.0		Brown fine SAND, trace medium to coarse Sand and fine Gravel, wet. Possible delithified or weathered quartzite or sandstone in bottom of spoon.		
10	-10								Bottom of boring 10.0' bgs.		
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), (6-8'), and (8-10') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 8 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-22 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	15	0.0/0.0			Dark brown fine SAND and SILT, trace fine Gravel and natural organics (grass), damp. Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp. Moist.	Backfill with cement/bentonite grout 0.0' to 8.0' bgs
		(2-4')		NA	NA	15	0.0/0.0				
5	-5	(4-6')		NA	NA	2.0	0.0/0.0		FIL/Native Boundary Brown SILT, little fine Sand, trace fine Gravel, damp to moist. Moist to wet.		
		(6-8')		NA	NA	2.0	0.0/0.0		Gray fine to medium SAND, wet.		
										Bottom of boring 8.0' bgs.	
10	-10										
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), and (6-8') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 10 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: PRE-23 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PTD (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
	gs elevation ft.									GROUND SURFACE	
	0	(0-2')		NA	NA	17	0.0/0.0			Asphalt, brown fine SAND, damp. Brown fine SAND, trace medium to coarse Sand, Silt, and fine Gravel, damp.	<p>Backfill with cement/bentonite grout 0.0' to 10.0' bgs</p>
		(2-4')		NA	NA	17	0.0/0.0			Damp to moist.	
5	-5	(4-6')		NA	NA	2.0	0.0/0.0			Fill/Native Boundary	
		(6-8')		NA	NA	2.0	0.0/0.0			Brown SILT, trace fine to medium Sand and Gravel, and natural organics, moist.	
		(8-10')		NA	NA	0.5	0.0/0.0			Brown fine SAND and SILT, trace medium to coarse Sand and fine to medium Gravel, wet.	
10	-10									Bottom of boring 10.0' bgs.	
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), (6-8') and (8-10') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size : na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 8 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-24 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	0.5	0.0/0.0			Asphalt, brown fine SAND and SILT, trace fine Gravel.	
		(2-4')		NA	NA	0.5	0.0/0.0			Brown fine SAND, trace medium to coarse Sand and fine to medium Gravel, damp. Moist.	
5	-5	(4-8')		NA	NA	17	0.0/0.0			Fill/Native Boundary Brown SILT, little fine Sand, trace fine Gravel and natural organics (rootlets), damp to moist.	
		(8-8')		NA	NA	17	0.0/0.0			Gray fine SAND, trace Silt, moist to wet.	
										Bottom of boring 8.0' bgs.	
10	-10										
5	-5										


	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (2-4') analyzed for PCB. Sample (4-8') analyzed for PCB and MS/MSD. Sample (8-8') analyzed for PCB and duplicate. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 10 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-25 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation	0									GROUND SURFACE	
		(0-2')		NA	NA	0.7	0.0/0.0			Asphalt, brown fine SAND, moist. Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp.	Backfill with cement/bentonite grout 0.0' to 10.0' bgs
		(2-4')		NA	NA	0.7	0.0/0.0			Pulverized concrete pieces. Damp to moist.	
5	-5	(4-6')		NA	NA	1.0	0.0/0.0				
		(6-8')		NA	NA	1.0	0.0/0.0			FIL/Native Boundary Brown fine SAND and SILT, trace fine Gravel, damp to moist. Moist.	
		(8-10')		NA	NA	1.2	0.0/0.0			Brown SILT, trace fine to medium Sand and fine Gravel, moist to wet. Wet.	
10	-10									Brown fine SAND, trace fine Gravel, wet. Brown and gray Clayey SILT, trace fine to medium Gravel, wet. Bottom of boring 10.0' bgs.	
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

 BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-8'), (6-8') and (8-10') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/21/97 - 4/21/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 4 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. PRE-28 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	18	0.0/0.0			Brown fine SAND and SILT, natural organics (grass), damp.	 Backfill with cement/bentonite grout 0.0' to 4.0' bgs
		(2-4')		NA	NA	18	0.0/0.0		Native/Fill Boundary. Dark brown fine SAND, some Silt, trace medium to coarse Sand and fine Gravel, damp. Bottom of boring 4.0' bgs.		
5	-5										
10	-10										
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

 BLASLAND, BOUCK & LEE, INC. <i>engineers & scientists</i>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (2-4') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 04/29/97 / 04/29/97 Drilling Company: Marcor Environmental Driller's Name: Jay Bradshaw Drilling Method: Hollow-Stem Auger Bit Size: Auger Size : 4.25" ID Rig Type: Canterra - Trailer Mounted Spoon Size: 2 ID	Northing: Easting: Well Casing Elev.: ft. Corehole Depth: Borehole Depth: 22 ft. Ground Surface Elev.: ft. Descriptions by: Ray A. Wagner	Well No. SCH-1 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Depth Sample Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
										GROUND SURFACE	
		0-5		1	1	.5	0.6			Top Soil	Flush mount curb box
		.5-2		2 3 5	3	1.3	0.4			Brown medium to coarse SAND, some Silt, little fine Gravel, (moist-fill)	Locking pressure fit well cap Concrete pad
		2-4		3 5 5	10	1.5	0.4			Brown SILT, some medium to coarse Sand and fine Gravel, (moist-fill)	Type 1 Portland/5% bentonite grout 1.0' to 6.0' bgs
		4-6		3 4 8 13	12	1.3	0.4			Same as above, (moist)	
5		6-8		1 5 10 13	15	1.6	0.4			Fill/Native Boundary Brown mottled SILT, little coarse Sand and fine Gravel, (moist-natural)	Hydrated bentonite chip seal 6.0' to 8.0' bgs
		8-10		2 5 17 25	22	1.5	7.0			Brown SILT, little coarse Sand and fine Gravel embedded, trace fine Sand, (moist)	2-in diameter schedule 40 PVC well casing to 9.2' bgs
		10-12		3 5 8 17	13	1.8	0.4			Same as above	Washed silica sand pack 8.0' to 22.0' bgs
		12-14		4 11 19 20	30	1.8	0.4			Brown SILT, little coarse Sand and fine Gravel embedded, becomes very compact	2-in diameter, 0.010-in slotted schedule 40 PVC well screen 9.2' to 19.2' bgs
5		14-16		5 12	35	.2	0.4			Poor recovery, cobble blocking end of spoon	

 BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: SCH-1 Rinse Blank (RB) prepared following 16"-18" sample. SCH-1 (8-8") MS/MSD sample. SCH-10 Duplicate sample at (6-8"). Appendix IX+3 sample taken @ (8-10'). All samples analyzed by Quanterra laboratories. HNU background level equal to 0.4 ppm.	Water Levels		
		Date / Time	Elevation	Depth

Site:
 Allendale School
 Pittsfield, Massachusetts

Client:
 General Electric Company

Well No. SCH-1
Total Depth = 22 ft.

DEPTH	ELEVATION	Sample Depth Sample Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
		14-16		23 26	35	.2	0.4			Same as above	<p>Washed silica sand pack 8.0' to 22.0' bgs</p> <p>2-in diameter, 0.010-in slotted schedule 40 PVC well screen 9.2' to 19.2' bgs</p> <p>Schedule 40 PVC sump 19.2' to 19.5' bgs</p>
		16-18		6 18 31 23	50	2.0	0.4				
		18-20		5 15 32 26	47	2.0	0.4				
20		20-22		4 10 41 23	51	2.0	0.4				
										Bottom of boring 22.0' bgs.	
25											
30											
35											

BBL
 BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

Remarks:

Water Levels

Date / Time	Elevation	Depth

Date Start/Finish: 04/29/97 / 04/29/97 Drilling Company: Marcor Environmental Driller's Name: Jay Bradshaw Drilling Method: Hollow-Stem Auger Bit Size: Auger Size : 4.25" ID Rig Type: Canterra - Trailer Mounted Spoon Size: 2 ID	Northing: Easting: Well Casing Elev.: ft. Corehole Depth: Borehole Depth: 12.5 ft. Ground Surface Elev.: ft. Descriptions by: Ray A. Wagner	Well No.: SCH-2 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Depth Sample Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
gs elevation ft.										GROUND SURFACE	
		0-5		3	3	.5	0.4			Top Soil	
		5-2		4 3 2	3	.8	0.2			Brown fine SAND, little medium Sand and Silt, (moist-fill)	
		2-4		1 1 3	2	1.2	0.2			Black SILT, little fine Sand, (moist/wet)	
5		4-6		1 3 6 6	9	1.8	1.8			FIL/Native Boundary Brown mottled SILT, little medium to coarse Sand and fine Gravel, trace fine Sand, (wet-natural)	
		6-8		1 4 6 7	10	1.7	1.8			water encountered at 5.0' bgs during drilling Brown SILT, some coarse Sand and fine Gravel embedded, little fine to medium Sand, (wet)	
		8-10		1 10 10 12	20	.8	0.2			Same as above, poor recovery, gravel in spoon tip	
10		10-12		3 12 8 10	20	1.0	0.2			Same as above, (wet)	
5										Bottom of boring 12.5' bgs.	

	Remarks: Appendix IX+3 sample taken @ (6-8'). All samples analyzed by Quanterra laboratories. HNU background level at 0.2 ppm.	Water Levels		
		Date / Time	Elevation	Depth

Date Start/Finish: 04/28/97 / 04/28/97 Drilling Company: Marcor Environmental Driller's Name: Jay Bradshaw Drilling Method: Hollow-Stem Auger Bit Size: Auger Size : 4.25" ID Rig Type: Canterra - Trailer Mounted Spoon Size: 2 ID	Northing: Easting: Well Casing Elev.: ft. Corehole Depth: Borehole Depth: 13.0 ft. Ground Surface Elev.: ft. Descriptions by: Ray A. Wagner	Well No.: SCH-3 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Depth Sample Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Well Construction	
	gs elevation ft.									GROUND SURFACE		
		0-5		1		.5	15			Top Soil		
		5-1		3		.5	18			Dark brown SILT, some medium to coarse Sand, (moist)		
		1-2		3 7		1.0	1.2			Brown fine to coarse SAND, little Silt, (moist-fill)		
		2-4		8 8 3 5	11	1.9	1.2			Brown SILT, little fine to medium SAND, trace Clay, (moist-fill)		
5		4-6		3 5 13 11	18	1.1	0.8			Brown fine to coarse SAND, some fine Gravel, little Silt, water encountered, (wet)		
		6-8		8 17 23 50/5	40	1.8	0.8			Fill/Native Boundary Brown fine to medium SAND, some coarse Sand and fine Gravel, little Silt, (saturated-natural)		
		8-9		Ref	NA	.8	1.0			Limestone rock fragments from cobbles, poor recovery		
10		9-11		NA	NA	NA	NA			(9-11') Boulder/Cobbles, augered though to 11' to sample		
		11-13		4 6 12 14	18	1.9	0.8			Brown SILT, little fine Sand, (wet)		
5										Bottom of boring 13.0' bgs.		

<h1 style="margin:0;">BBL</h1> <p style="margin:0;">BLASLAND, BOUCK & LEE, INC. engineers & scientists</p>	Remarks: NHU background =0.6 ppm Appendix IX+3 sample taken @ (2-4'). All samples analyzed by Quanterra laboratories.	Water Levels			
		Date / Time	Elevation	Depth	

Date Start/Finish: 04/30/97 / 04/30/97 Drilling Company: Marcor Environmental Driller's Name: Jay Bradshaw Drilling Method: Hollow-Stem Auger Bit Size: Auger Size : 4.25" ID Rig Type: Canterra - Trailer Mounted Spoon Size: 2 ID	Northing: Eastng: Well Casing Elev.: ft. Corehole Depth: Borehole Depth: 19 ft. Ground Surface Elev.: ft. Descriptions by: Ray A. Wagner	Well No.: SCH-4 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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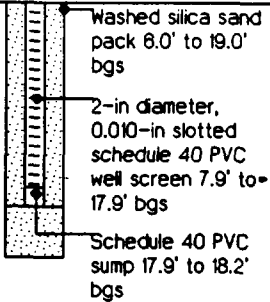
DEPTH	ELEVATION	Sample Depth Sample Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
	gs elevation ft.									GROUND SURFACE	
		0-5		2		.5	10			Sandy fill - Brown medium to coarse SAND and fine GRAVEL, (dry-fill)	
		.5-1		2		.5	0.6				
		1-2		3 4		.7	0.6			Brown SILT, trace fine to coarse SAND and fine Gravel, (moist-fill)	
		2-4		2 2 3 3	5	1.3	0.4				
		4-6		2 3 2 1	5	1.5	0.6			Same as above, grades with some fine to medium Sand, (fill)	Hydrated bentonite chip seal 4.0' to 6.0' bgs
5		6-8		1 2 2 8	4	1.2	0.4		Brown SILT, some fine to medium Sand, little coarse Sand and fine Gravel, (moist-fill)		
		8-10		1 3 2 4	5	2.0	0.4			Fill/Native Boundary Brown SILT and fine SAND, little coarse Sand and fine Gravel embedded, (wet-natural), appears to be original grade	Washed silica sand pack 6.0' to 19.0' bgs
10		10-12		1 6 19 8	25	1.8	0.6		Same as above, wet		
		12-14		1 2 1 8	3	1.2	0.6			Same as above, wet	2-in diameter, 0.010-in slotted schedule 40 PVC well screen 7.9' to 17.9' bgs
5		14-16		1 2	5	1.5	0.6				

	Remarks: Appendix IX+3 sample taken @ (8-10'). All samples analyzed by Quanterra laboratories. HNU background level equal 0.4 ppm.	Water Levels												
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">Date / Time</th> <th style="width:33%;">Elevation</th> <th style="width:33%;">Depth</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date / Time	Elevation	Depth									
Date / Time	Elevation	Depth												

Site:
 Allendale School
 Pittsfield, Massachusetts

Well No. SCH-4
Total Depth = 19 ft.

Client:
 General Electric Company

DEPTH	ELEVATION	Sample Depth Sample Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
		14-18		3 4	5	15	0.8			Grey-brown fine SAND with 4" Peat layer, (wet-firm)	 <p>Washed silica sand pack 8.0' to 19.0' bgs 2-in diameter, 0.010-in slotted schedule 40 PVC well screen 7.9' to 17.9' bgs Schedule 40 PVC sump 17.9' to 18.2' bgs</p>
		18-18		1 11 13	23	2.0	0.8			Same as above, grades to grey fine SAND, some Silt, (wet)	
20										Bottom of borint 19.0' bgs.	
25											
30											
35											

BBL
 BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

Remarks:

Water Levels

Date / Time	Elevation	Depth

Date Start/Finish: 4/23/97 - 4/23/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastings: Borehole Depth: 11 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-1 Client: General Electric Company Site: Attendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-1')		NA	NA	0.7	0.0		[Pattern]	Brown fine SAND and SILT, natural organics (grass), moist. No grass.	Backfill with cement/bentonite grout 0.0' to 11.0' bgs
		(1-3')		NA	NA	15	0.0		[Pattern]	Brown fine to coarse SAND, trace fine to medium Gravel, moist.	
		(3-5')		NA	NA	15	0.0		[Pattern]	Brown fine to medium SAND, trace to little coarse Sand, wet.	
5	-5	(5-7')		NA	NA	15	0.0		[Pattern]	Brown fine SAND, little Silt, trace medium to coarse Sand, wet.	
		(7-9')		NA	NA	15	0.0		[Pattern]	Fill/Native Boundary Brown Clayey SILT, trace fine to medium Gravel and fine Sand, wet.	
10	-10	(9-11')		NA	NA	15	0.0		[Pattern]	Bottom of boring 11.0' bgs.	
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

BLASLAND, BOUCK & LEE, INC. <i>engineers & scientists</i>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-1'), (5-7'), (7-9'), and (9-11') analyzed for PCB. Sample (1-3') analyzed for PCB and duplicate. Sample (3-5') analyzed for PCB and MS/MSD. All Samples analyzed by Quanterra Laboratories.	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Saturated Zones</th> </tr> <tr> <th style="width:33%;">Date / Time</th> <th style="width:33%;">Elevation</th> <th style="width:33%;">Depth</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Saturated Zones			Date / Time	Elevation	Depth									
Saturated Zones																	
Date / Time	Elevation	Depth															

Date Start/Finish: 4/23/97 - 4/23/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 11 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-2 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
0										GROUND SURFACE	
		(0-1')		NA	NA	0.8	0.0			Brown fine SAND and SILT, trace fine to medium Gravel, natural organics (grass), moist.	<p>Backfill with cement/bentonite grout 0.0' to 11.0' bgs</p>
		(1-3')		NA	NA	1.7	0.0			Brown fine SAND, trace medium to coarse Sand and fine to medium Gravel, damp.	
		(3-5')		NA	NA	1.5	0.0			Brown fine to medium SAND, trace coarse Sand and fine Gravel, wet.	
5	-5	(5-7')		NA	NA	1.5	0.0				
		(7-9')		NA	NA	2.0	0.0			Brown fine to coarse SAND, trace fine to medium Gravel, wet.	
		(9-11')		NA	NA	2.0	0.0			Brown fine to medium SAND, trace fine to medium Gravel, wet.	
10	-10									Bottom of boring 11.0' bgs.	




Remarks:

NA=Not applicable, direct push advancement used. Sample (0-1'), (1-3'), (3-5'), (5-7'), (7-9'), and (9-11') analyzed for PCB. All Samples analyzed by Quanterra laboratories

Saturated Zones

Date / Time	Elevation	Depth

Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 7 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. ASB-4 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
	gs elevation ft.									GROUND SURFACE	
		(0-1')		NA	NA	0.7	0.0		[Pattern]	Brown fine SAND and SILT, natural organics (grass), moist.	 <p>Backfill with cement/bentonite grout 0.0' to 7.0' bgs</p>
		(1-3')		NA	NA	15	0.0		[Pattern]	Brown fine SAND, trace medium to coarse Sand and fine to medium Gravel, moist.	
5	-5	(3-5')		NA	NA	2.0	0.0		[Pattern]		
		(5-7')		NA	NA	2.0	0.0		[Pattern]	Fill/Native Boundary Brown and gray Clayey SILT, trace fine to coarse Sand and fine to medium Gravel, wet. Brown and gray fine to medium Sand, little Silt, trace fine to medium Gravel, wet. Bottom of boring 7.0' bgs.	
10	-10										
5	-5										



Remarks:
 NA=Not applicable, direct push advancement used. Sample (0-1') and (1-3') analyzed for PCB. Sample (3-5') analyzed for PCB and APP. IX+3 with pesticide and herbicide. Sample (5-7') analyzed for PCB and duplicate. All Samples analyzed by Quanterra laboratories.

Saturated Zones		
Date / Time	Elevation	Depth

Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastings: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-5 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	0.7	0.0			Brown fine SAND and SILT, natural organics (grass), moist.	
		(2-4')		NA	NA	15	0.0			Brown fine SAND, trace medium to coarse Sand, Silt, fine to medium Gravel, and natural organics, moist. Moist to saturated.	
5	3	(4-6')		NA	NA	2.0	0.0			FIL/Native Boundary Brown and gray SILT and SAND, trace fine to medium Gravel, saturated. Black and gray SILT and CLAY, trace fine to coarse Sand and fine to medium Gravel, saturated.	
10	0									Bottom of boring 6.0' bgs.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') and (2-4') analyzed for PCB. Sample (4-6') analyzed for PCB and APP. IX+3 with pesticide and herbicide. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/23/97 - 4/23/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 11 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-8 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-1')		NA	NA	0.7	0.0			Asphalt, brown fine to medium SAND, trace coarse Sand and fine to medium Gravel, damp.	<p>Backfill with cement/bentonite grout 0.0' to 11.0' bgs</p>
		(1-3')		NA	NA	0.7	0.0			Brown fine SAND, trace medium to coarse Sand and fine Gravel, damp to moist. Moist.	
		(3-5')		NA	NA	1.5	5.0			Brown fine to medium SAND, trace Silt and fine to medium Gravel, moist.	
5	-5	(5-7')		NA	NA	1.5	0.0			Brown fine to coarse SAND, trace fine to medium Gravel, moist to wet. Wet.	
		(7-9')		NA	NA	1.5	0.0				
		(9-11')		NA	NA	2.0	0.0			Native/Fill Boundary Gray Clayey SILT, trace fine to medium Gravel, wet.	
10	-10									Bottom of boring 11.0' bgs.	
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-1'), (5-7'), (7-9'), and (9-11') analyzed for PCB. Sample (1-3') analyzed for PCB and duplicate. Sample (3-5') analyzed for PCB and MS/MSD. All Samples analyzed by Quantarra laboratories.	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/23/97 - 4/23/97 Drilling Company: Marcor Environmental Driller's Name: Paul Wiley, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 9 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-7 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-1')		NA	NA	0.7	0.0			Asphalt, brown fine to medium SAND, trace fine to medium Gravel, damp.	
		(1-3')		NA	NA	15	0.0			Brown fine SAND, some medium Sand, trace fine to medium Gravel, damp to moist.	
		(3-5')		NA	NA	2.0	0.0			Moist.	
		(5-7')		NA	NA	2.0	0.0			Native/Fill Boundary	
		(7-9')		NA	NA	2.0	0.0			Brown-gray SILT, trace to little fine Sand, trace fine to medium Gravel, moist to wet.	
										Brown fine to medium SAND, some Silt, trace fine to medium Gravel, wet.	
										Brown and gray Clayey SILT.	
										Bottom of boring 9.0' bgs.	
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-1'), (1-3'), (3-5'), and (5-7') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/23/97 - 4/23/97
 Drilling Company: Marcor Environmental
 Driller's Name: Paul Willey, Vincent Secondo
 Drilling Method: Geoprobe 5400
 Bit Size: na Auger Size: na
 Rig Type: Ford F-250
 Spoon Size: 2 ID-4' Macrocore
 Hammer Weight: na-lb
 Height of Fall: na-in.

Northing:
 Easting:
 Borehole Depth: 9 ft.
 Ground Surface Elev.: ft.
 Descriptions by: Mark S. Ackerly

Boring No. ASB-8
 Client:
 General Electric Company
 Site:
 Allendale School
 Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation	0									GROUND SURFACE	
		(0-1')		NA	NA	0.7	0.0			Asphalt, brown fine to medium SAND, trace coarse Sand.	Backfill with cement/bentonite grout 0.0' to 9.0' bgs
		(1-3')		NA	NA	1.5	0.0			Brown fine to medium SAND, trace coarse Sand and fine to medium Gravel, damp. Moist to wet.	
		(3-5')		NA	NA	1.5	0.0			Native/Fill Boundary	
5	-5	(5-7')		NA	NA	2.0	0.0			Brown SILT, little fine Sand, trace fine to medium Gravel, wet. Grades to Clay.	
		(7-9')		NA	NA	2.0	0.0			Brown and gray Clayey SILT, fine to medium Gravel.	
10	-0									Bottom of boring 9.0' bgs.	
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	



Remarks:

NA=Not applicable, direct push advancement used. Sample (0-1'), (1-3'), (3-5'), and (5-7') analyzed for PCB. All Samples analyzed by Quanterra laboratories

Saturated Zones

Date / Time	Elevation	Depth

Date Start/Finish: 4/23/97 - 4/23/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 7 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-9 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
	0									GROUND SURFACE	
		(0-1')		NA	NA	0.7	0.0		[Symbol]	Brown fine SAND and SILT, trace fine to medium Gravel, damp to moist.	 Backfill with cement/bentonite grout 0.0' to 7.0' bgs
		(1-3')		NA	NA	15	0.0		[Symbol]	Brown fine SAND, trace medium to coarse Sand and fine to medium Gravel, damp to moist.	
		(3-5')		NA	NA	16	0.0		[Symbol]	Moist. Wet.	
5	-5	(5-7')		NA	NA	16	0.0		[Symbol]	Native/Fill Boundary Brown SILT, some fine Sand, trace medium to coarse Sand and fine to medium Gravel, wet.	
										Bottom of boring 7.0' bgs.	
10	-10										
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-1') and (5-7') analyzed for PCB. Sample (1-3') analyzed for PCB and duplicate. Sample (3-5') analyzed for PCB and MS/MSD. All Samples analyzed by Quanterra laboratories	Saturated Zones <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">Date / Time</th> <th style="width:33%;">Elevation</th> <th style="width:33%;">Depth</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date / Time	Elevation	Depth									
Date / Time	Elevation	Depth												

Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 7 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-10 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-1')		NA	NA	0.6	0.0			Brown fine SAND and SILT, natural organics (grass), moist.	<p>Backfill with cement/bentonite grout 0.0' to 7.0' bgs</p>
		(1-3')		NA	NA	1.3	0.0			Brown fine SAND, trace medium to coarse Sand and fine to medium Gravel, moist. Wet.	
5	-5	(3-5')		NA	NA	2.0	0.0				
		(5-7')		NA	NA	2.0	0.0			Fill/Native Boundary Gray Clayey SILT, trace fine Sand, moist. Black PEAT and SILT, natural organics, moist. Bottom of boring 7.0' bgs.	
10	-10										
15	-15										
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

<p>BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists</p>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-1'), (1-3'), and (3-5') analyzed for PCB. Sample (5-7') analyzed for PCB and APP.IX+3 with pesticide and herbicide. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 6/12/97 - 6/12/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size : na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 7 ft. Ground Surface Elev.: ft. Descriptions by: Bob Papalo	Boring No. ASB-II Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-0.5')		NA	NA	NA	0.4			Dark Brown fine SAND and SILT, wood and roots, moist.	
		(0.5-1')		NA	NA	NA	0.2			Grades to light brown.	
		(1-3')		NA	NA	NA	0.6			Grades to trace roots and medium Gravel.	
		(3-5')		NA	NA	NA	1.2			Wet.	
		(5-7')		NA	NA	NA	0.4			Light brown and gray very fine SAND and SILT, trace Clay.	
										Bottom of boring 7.0' bgs.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-0.5'), (0.5-1'), (1-3') and (5-7') analyzed for PCB. Sample (3-5') analyzed for APP.IX+3 with pesticide and herbicide. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. ASB-13 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm)	Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0										GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0				Dark brown fine SAND and SILT, natural organics (grass), moist. Brown fine SAND, little Silt, trace fine Gravel, moist.	Backfill with cement/bentonite grout 0.0' to 6.0' bgs
		(2-4')		NA	NA	2.0	0.0					
5	-5	(4-6')		NA	NA	2.0	0.0					
											Fill/Native Boundary Black PEAT and SILT, trace fine Sand, natural organics (rootlets). Brown and gray Clayey SILT, trace fine to medium Gravel, wet. Black and gray PEAT and SILT, trace fine Sand, natural organics (rootlets), wet. Bottom of boring 6.0' bgs.	
10	-10											
15	-15											
20	-20											
25	-25											
30	-30											
35	-35											
40	-40											
45	-45											
50	-50											
55	-55											
60	-60											
65	-65											
70	-70											
75	-75											
80	-80											
85	-85											
90	-90											
95	-95											
100	-100											


 BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), and (4-6') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/23/97 - 4/23/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 12 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-14 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PTD (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation	0									GROUND SURFACE	
		(0-2')		NA	NA	13	0.0			Brown fine SAND and SILT, natural organics (grass), damp. Brown fine SAND, damp to moist. Moist to wet.	Backfill with cement/bentonite grout 0.0' to 12.0' bgs
		(2-4')		NA	NA	13	0.0				
5	-5	(4-6')		NA	NA	12	5.0			Brown fine SAND and SILT, trace fine to medium Gravel, moist to wet.	
		(6-8')		NA	NA	12	0.0			Brown/red fine to coarse SAND, trace fine Gravel, wet. Fill/Native Boundary	
		(8-10')		NA	NA	10	0.0				
10	-10	(10-12')		NA	NA	10	0.0			Gray and brown Clayey SILT, trace fine to medium Gravel, moist to wet.	
										Bottom of boring 12.0' bgs.	
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), (4-6'), (6-8'), (8-10'), and (10-12') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/23/97 - 4/23/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastings: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-15 Client: General Electric Company Site: Attendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	1.8	1.8			Asphalt and fine to coarse SAND, trace fine to medium Gravel, damp. Brown fine SAND, damp to moist.	 Backfill with cement/bentonite grout 0.0' to 6.0' bgs
		(2-4')		NA	NA	1.8	0.0			Native/Fill Boundary Brown Clayey SILT, trace fine to medium Gravel, moist to damp. Color change to gray, wet.	
5	-5	(4-6')		NA	NA	2.0	0.0				
										Bottom of boring 6.0' bgs.	
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	
10	-10										
15	-15										

 BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), and (4-6') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 6 ft. Ground Surface Elev: ft. Descriptions by: Mark S. Ackerly	Boring No. ASB-16 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	1.4	0.0			Dark brown fine SAND and SILT, natural organics (grass), damp. Brown fine SAND, little Silt, trace fine Gravel, moist.	Backfill with cement/bentonite grout 0.0' to 6.0' bgs
		(2-4')		NA	NA	1.4	0.0		Damp to moist. Fine Gravel and medium to coarse SAND, wet.		
5	-5	(4-6')		NA	NA	2.0	0.0		Brown and gray fine SAND, some Silt, trace fine to medium Gravel, moist.		
										Fill/Native Boundary Black PEAT and SILT, trace fine Sand, natural organics (rootlets). Bottom of boring 6.0' bgs.	
10	-10										
15	-15										
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), and (4-6') analyzed for PCB. All Samples analyzed by Guanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No.: ASB-17 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0			Brown fine SAND and SILT, natural organics (grass), moist.	
		(2-4')		NA	NA	2.0	0.0			Brown-gray fine SAND, little Silt, trace medium to coarse Sand and fine to medium Gravel, moist to wet.	
5	4	(4-6')		NA	NA	2.0	0.0				
										Fill/Native Boundary	
										Black PEAT and SILT, little fine Sand, trace fine to medium Gravel, natural organics (grass), moist to wet.	
										Brown and gray fine SAND and SILT, trace medium to coarse Sand and fine to medium Gravel, wet. Saturated to moist.	
10	-0									Bottom of boring 6.0' bgs.	
										Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB. Sample (2-4') analyzed for PCB and duplicate. Sample (4-6') analyzed for PCB and MS/MSD. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastng: Borehole Depth: 6 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. ASB-19 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation	0									GROUND SURFACE	
		(0-2')		NA	NA	1.8	0.0			Brown fine SAND and SILT, natural organics (grass), moist. Brown fine SAND, little Silt, moist.	Backfill with cement/bentonite grout 0.0' to 6.0' bgs
		(2-4')		NA	NA	1.8	5.0				
5	-5	(4-6')		NA	NA	2.0	3.5				
										FILL/NATIVE Boundary	
										Dark brown PEAT and SILT, trace fine Sand, natural organics (rootlets), moist.	
										Brown and gray fine SAND, some Silt, trace fine to medium Gravel, moist. Wet.	
10	-0									Bottom of boring 6.0' bgs.	
5	-5									Comment: 4' long Macrocore samples were divided into equal length intervals, representative of 2' intervals.	

	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB and MS/MSD. Sample (2-4') analyzed for PCB APP. IX+3 with pesticide and herbicide. Sample (4-6') analyzed for PCB and duplicate. All Samples analyzed by Quanterra Laboratories.	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 6/12/97 - 6/12/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 9 ft. Ground Surface Elev.: ft. Descriptions by: Bob Papalo	Boring No.: ASB-20 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0								GROUND SURFACE		
		(0-0.5')		NA	NA	NA	2.4		Dark brown fine SAND and SILT, roots, moist.		
		(0.5-1')		NA	NA	NA	1.8		Trace Gravel.		
		(1-3')		NA	NA	NA	0.8		Light brown to gray coarse SAND and SILT, some fine to medium Gravel, trace Brick, moist. (FILL)		
		(3-5')		NA	NA	NA	1.4		Brown to light brown fine SAND and SILT, compacted with Gravel, trace Brick and wood, moist. (FILL)		
5	-5	(5-7')		NA	NA	NA	0.4		Fill/Native Boundary Light brown fine to coarse SAND and SILT, some Gravel, moist.		
		(7-9')		NA	NA	NA	0.4		Wet.		
10	-10								Bottom of boring 9.0' bgs.		

<h1 style="margin: 0;">BBL</h1> <p style="margin: 0;">BLASLAND, BOUCK & LEE, INC.</p> <p style="margin: 0; font-size: small;">engineers & scientists</p>	Remarks: NA=Not applicable, direct push advancement used. Samples (0-0.5'), (0.5-1'), (1-3'), (3-5'), (5-7'), and (7-9') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones											
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">Date / Time</th> <th style="width:33%;">Elevation</th> <th style="width:33%;">Depth</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date / Time	Elevation	Depth								
Date / Time	Elevation	Depth											

Date Start/Finish: 6/12/97 - 6/12/97
Drilling Company: Marcor Environmental
Driller's Name: Paul Willey, Vincent Secondo
Drilling Method: Geoprobe 5400
Bit Size: na **Auger Size:** na
Rig Type: Ford F-250
Spoon Size: 2 ID-4' Macrocore
Hammer Weight: na-lb
Height of Fall: na-in.

Northing:
Easting:
Borehole Depth: 9 ft.
Ground Surface Elev.: ft.

Boring No.: ASB-21
Client:
 General Electric Company
Site:
 Allendale School
 Pittsfield, Massachusetts

Descriptions by: Bob Papalo

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation	0									GROUND SURFACE	
		(0-0.5')		NA	NA	NA	0.8			Dark brown fine SAND and SILT, some fine Gravel and roots.	
		(0.5-1')		NA	NA	NA	0.4			Trace roots.	
		(1-3')		NA	NA	NA	1.8			Dark to light brown fine to coarse SAND and SILT, some fine Gravel, trace Brick. (FILL)	Backfill with cement/bentonite grout 0.0' to 9.0' bgs
		(3-5')		NA	NA	NA	0.4			Dark brown to orange fine to coarse SAND, some fine Sand and Silt, trace fine Gravel, moist. (FILL)	
5	-5	(5-7')		NA	NA	NA	1.4			FILL/Native Boundary Light brown fine SAND and SILT, trace fine Gravel.	
		(7-9')		NA	NA	NA	0.8			Wet. Grades to no Gravel.	
										Bottom of boring 9.0' bgs.	

BBL
 BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

Remarks:

NA=Not applicable, direct push advancement used. Sample (0.5-1'), (1-3'), (3-5'), (5-7'), and (4-8') analyzed for PCB. All Samples analyzed by Quanterra laboratories

Saturated Zones


Date / Time	Elevation	Depth


Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 6 ft. Ground Surface Elev: ft. Descriptions by: Mark S. Ackerly	Boring No. ASB-22 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
0										GROUND SURFACE	
		(0-2')		NA	NA	15	0.0			Brown fine SAND and SILT, natural organics (grass), moist.	
		(2-4')		NA	NA	15	0.0		Brown fine SAND, little Silt, trace fine Gravel, moist.		
5	-5	(4-6')		NA	NA	2.0	0.0		Fill/Native Boundary Dark brown PEAT and SILT, trace fine Sand, natural organics (grass), trace fine Sand, moist. Brown and gray fine SAND and Silt, trace medium to coarse Sand and fine to medium gravel, wet. Bottom of boring 6.0' bgs.		
10	-10										
5	-5										


	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2'), (2-4'), and (4-6') analyzed for PCB. All Samples analyzed by Guanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 2 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. AS-97-115 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm)	Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
ge elevation ft	0										GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0				Dark brown fine SAND and SILT, natural organics (grass), moist. Brown fine SAND, little Silt, trace fine Gravel, moist.	 Backfill with cement/bentonite grout 0.0' to 2.0' bgs
5	-5										Bottom of boring 2.0' bgs.	
10	-10											
15	-15											


 BLASLAND, BOUCK & LEE, INC. <i>engineers & scientists</i>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB. All Samples analyzed by Guanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4' Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 2 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. AS-97-116 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft.	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0			Dark brown fine SAND and SILT, natural organics (grass), damp. Brown fine SAND, little Silt, trace fine Gravel, moist. Bottom of boring 2.0' bgs.	 Backfill with cement/bentonite grout 0.0' to 2.0' bgs
5	-5										
10	-10										
5	-5										


	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Eastings: Borehole Depth: 2 ft. Ground Surface Elev: ft. Descriptions by: Mark S. Ackerly	Boring No. AS-97-117 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0			Brown fine SAND and SILT, natural organics (grass), moist. Brown-gray fine SAND, little Silt, trace medium to coarse Sand and fine to medium Gravel, moist to wet. Bottom of boring 2.0' bgs.	 Backfill with cement/bentonite grout 0.0' to 2.0' bgs
5	-5										
10	-10										
5	-5										

 BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 2 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. AS-97-118 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
gs elevation ft	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0			Brown fine SAND and SILT, natural organics (grass), moist. Brown fine SAND, trace medium to coarse Sand and fine Gravel, moist.	 Backfill with cement/bentonite grout 0.0' to 2.0' bgs
5	-5									Bottom of boring 2.0' bgs.	


	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth


Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 2 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. AS-97-119 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
Ge elevation ft	0									GROUND SURFACE	
		(0-2')		NA	NA	2.0	0.0			Brown fine SAND and SILT, natural organics (grass), moist. Brown fine SAND, little Silt, moist.	 Backfill with cement/bentonite grout 0.0' to 2.0' bgs
										Bottom of boring 2.0' bgs.	
5	-5										
10	-10										
15	-15										

 BLASLAND, BOUCK & LEE, INC. <i>engineers & scientists</i>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB. All Samples analyzed by Quanterra laboratories	Saturated Zones		
		Date / Time	Elevation	Depth

Date Start/Finish: 4/22/97 - 4/22/97 Drilling Company: Marcor Environmental Driller's Name: Paul Willey, Vincent Secondo Drilling Method: Geoprobe 5400 Bit Size: na Auger Size: na Rig Type: Ford F-250 Spoon Size: 2 ID-4" Macrocore Hammer Weight: na-lb Height of Fall: na-in.	Northing: Easting: Borehole Depth: 2 ft. Ground Surface Elev.: ft. Descriptions by: Mark S. Ackerly	Boring No. AS-97-127 Client: General Electric Company Site: Allendale School Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	USCS Code	Geologic Column	Stratigraphic Description	Boring Construction
	0									GROUND SURFACE	
		(0-2')		NA	NA	15	0.0			Brown fine SAND and SILT, natural organics (grass), moist.	 Backfill with cement/bentonite grout 0.0' to 2.0' bgs
		(2-4')		NA	NA	15	0.0			Fill/Native Boundary Brown fine SAND, little Silt, trace fine Gravel, moist.	
		(4-6')		NA	NA	2.0	0.0			Dark brown PEAT and SILT, trace fine Sand, natural organics (grass), trace fine Sand, moist. Bottom of boring 2.0' bgs.	
5	-5										
10	-10										
15	-15										

 <p>BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists</p>	Remarks: NA=Not applicable, direct push advancement used. Sample (0-2') analyzed for PCB. All Samples analyzed by Quanterra laboratories	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Saturated Zones</th> </tr> <tr> <th style="width:33%;">Date / Time</th> <th style="width:33%;">Elevation</th> <th style="width:33%;">Depth</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Saturated Zones			Date / Time	Elevation	Depth									
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