APPENDIX A

ADDENDUM TO DRAFT SITE INVESTIGATION WORK PLAN

APPENDIX A-1

ADDENDUM

Addendum to

Draft Site Investigation Work Plan

Fort McClellan, Alabama

Soil Gas Analytical Results

Prepared by:
QST Environmental Inc.

September, 1997

Revised March 1998

Introduction

Selection of Sites for Soil Gas Screening

Methodology

Selection of Sample Locations

Soil Gas Screening Survey Results

Tables

Figures

Appendix A: Maps from Other Sources

List of Tables

Table 1 Soil Gas Data Summary
Table 2 Soil Gas Data

List of Figures

Figure 2-1 Boiler Plant No. 1 (Building 3176)
Figure 2-1a BTEX mass in soil gas; Boiler Plant No. 1 (Building 3176)
Figure 2-5 Chem School Lab Sump (Building 2281)
Figure 2-5a BTEX mass in soil gas; Chem School Lab Sump (Building 2281)
Figure 2-5b 1,1,1 TCA mass in soil gas; Chem School Lab Sump (Building 2281)
Figure 2-6 Former DPDO Salvage Yard
Figure 2-6a BTEX mass in soil gas; Former DPDO Salvage Yard
Figure 2-6b C11, C13, &C15 mass in soil gas; Former DPDO Salvage Yard
Figure 2-6c 1,3,5 trimethylbenzene & 1,2,4 trimethylbenzene mass in soil gas; Former DPDO Salvage Yard
Figure 2-9 Contractor Laydown Area and Former Tar Plant
Figure 2-9a BTEX mass in soil gas; Contractor Laydown Area and Former Tar Plant
Figure 2-9b C11, C13, &C15 mass in soil gas; Contractor Laydown Area and Former Tar Plant
Figure 2-9c 1,3,5 trimethylbenzene & 1,2,4 trimethylbenzene mass in soil gas; Contractor Laydown Area and Former Tar Plant
Figure 2-10 Ground Scar South of Autocraft Shop and Former Sandel Flamethrower Range (Flamethrower Range)

Figure 2-10a BTEX mass in soil gas; Ground Scar South of Autocraft Shop and Former Sandel Flamethrower Range (Flamethrower Range)
Figure 2-10b C11, C13, &C15 mass in soil gas; Ground Scar South of Autocraft Shop and Former Sandel Flamethrower Range (Flamethrower Range)
Figure 2-10c 1,3,5 trimethylbenzene & 1,2,4 trimethylbenzene mass in soil gas; Ground Scar South of Autocraft Shop and Former Sandel Flamethrower Range (Flamethrower Range)
Figure 2-10 Ground Scar South of Autocraft Shop and Former Sandel Flamethrower Range (Ground Scar)
Figure 2-10a BTEX mass in soil gas; Ground Scar South of Autocraft Shop and Former Sandel Flamethrower Range (Ground Scar)
Figure 2-10b C11, C13, &C15 mass in soil gas; Ground Scar South of Autocraft Shop and Former Sandel Flamethrower Range (Ground Scar)
Figure 2-10c 1,3,5 trimethylbenzene & 1,2,4 trimethylbenzene mass in soil gas; Ground Scar South of Autocraft Shop and Former Sandel Flamethrower Range (Ground Scar)
Figure 2-11 Ground Scar South of Building 3134
Figure 2-11a BTEX mass in soil gas; Ground Scar South of Building 3134
Figure 2-11b C11, C13, &C15 mass in soil gas; Ground Scar South of Building 3134
Figure 2-11c 1,3,5 trimethylbenzene & 1,2,4 trimethylbenzene mass in soil gas; Ground Scar South of Building 3134
Figure 2-12 Ground Scar Near the ASP
Figure 2-12a BTEX mass in soil gas; Ground Scar Near the ASP
Figure 2-12b C11, C13, &C15 mass in soil gas; Ground Scar Near the ASP
Figure 2-13 Ground Scar/Pit
Figure 2-13a BTEX mass in soil gas; Ground Scar/Pit
Figure 2-14 Ground Scar South of Confidence Course
Figure 2-14a BTEX mass in soil gas; Ground Scar South of Confidence Course
Figure 2-15 Ground Scar/Trenches
Figure 2-15a BTEX mass in soil gas; Ground Scar/Trenches
Figure 2-15b C11, C13, &C15 mass in soil gas; Ground Scar/Trenches

Introduction

QST Environmental Inc. (QST), formerly Environmental Science & Engineering, Inc., was contracted by the United States Army Environmental Center to conduct Site Inspections (SI) at selected locations within Ft. McClellan, Alabama. Work was conducted under Contract No. DACA31-94-D-0065, Delivery Order 0004. This document presents results of soil gas screening conducted in accordance with the Soil Gas Technical Memorandum and Attachments dated November 25, 1996. Soil gas analytical results were briefly summarized in the Draft SI Work Plan dated May, 1997.

The Soil Gas Technical Memorandum and Attachments established the soil gas field work requirements and data uses. QST proposed to utilize passive soil gas screening techniques at 11 of the 17 sites included in the ongoing SI. The technique proposed, and subsequently used, is the GORE-SORBER technology of W.L. Gore & Associates, Inc.

The passive soil gas technique was used to screen 11 sites for the subsurface presence of volatile organic compounds (VOC) and semi-volatile organic compounds (SVOC). It was anticipated that the advance screening of these sites using the passive soil gas technique would provide data which can be used in the SI Work Plan for more effective placement of soil borings, groundwater samples and surface water samples, as opposed to blind grid sampling. The soil gas technique also provides capability of addressing larger sites in a cost-effective manner, and provides an overlapping field screening technique to increase the confidence level of the SI at sites where VOC and SVOC contamination is a possibility.

The Soil Gas Technical Memorandum and Attachments dated November 25, 1996 presented the proposed soil gas survey plan of study including the Site Background/Geology, Soil Gas Survey Rationale for screening at each site; a description of the soil gas survey Field and Analytical Methodology/Shipping and Chain of Custody; and maps and tables presenting proposed sample locations.

At the request of the BCT, QST collected control samples at Boiler Plant No. 1 and at Area T-38 (areas of suspected hydrocarbon contamination and known solvent contamination, respectively. Control samples were collected to demonstrate to the BCT that this particular soil gas technique works. The original plan called for conducting this method demonstration sampling at Landfill No. 4 and Boiler Plant No. 1 as control sites, but upon further review, Landfill No.4 contaminant profiles and distribution were determined to be unsuitable for soil gas method confirmation. Boiler Plant No. 1 is one of the SI sites; Area T-38 is not.

Sample collectors were deployed and retrieved in two phases. One set of samplers was deployed December 3, 4, 5, and 6, 1996 and were retrieved December 18 and 19, 1996. The second set of samplers were deployed December 17, 18, and 19, 1996 and were retrieved January 7 and 8, 1997.

Selection of Sites for Soil Gas Screening
The soil gas effort funded by USAEC was divided among the 11 SI sites deemed most likely to benefit from a passive soil gas survey. The following 11 sites were chosen because hydrocarbons were identified as potential contaminants of concern for soil and groundwater; and very limited knowledge of the operational history was available for some sites (especially the ground scars):

- Chemical School Lab Sump
- Former DPDO
- Former Tar Plant
- Contractor Laydown Area
- Former Sandel Flame Range
- Ground Scar south of the Autocraft Shop
- Ground Scar south of Bldg 3134
- Ground Scar near the ASP
- Ground Scar/Pit
- Ground Scar at south end of Confidence Course
- Ground Scar/Trenches

Six SI sites (Boiler Plants 1 through 4, Former Incinerators, and Golf Course Pesticide Mix/Storage Facility) were intentionally omitted from the soil gas screening survey. The four boiler plants were omitted because the potential source is assumed to be the USTs and that location is easily identified.

At the request of the BCT, two control sites were sampled to confirm that this passive collection and associated analytical method perform adequately. Boiler Plant No. 1 was used as a control site because it was believed that this is the area within Ft McClellan most likely contain residual hydrocarbon (fuel) contamination. Area T-38 was selected as the second control site because it contains confirmed chlorinated solvent contamination.

Methodology
The passive soil gas technique used in this screening survey consists of deplcying an adsorbent sample collector (see Figure 1-1) below the ground surface, allowing the sample collector to remain in place for a period of time, recovering the sample collector and shipping it to the laboratory where it is desorbed and the sample is analyzed.

A typical GORE-SORBER Screening Module (module) consists of three separate packets of sorbent housed in the bottom of a four (4) foot length of vapor-permeable insertion and retrieval cord. Both the retrieval cord and sorbent container are constructed of inert, hydrophobic, microporous GORE-TEX expanded polytetrafluoroethylene. Each individual sorbent packet is called a sorber. A typical sorber is 40 millimeters (mm) long, with a 3 mm inside diameter (ID),

and contains 40 milligrams (mg) of suitable granular adsorbent material depending on the specific compounds to be detected. The three sorbers allow for a minimum of two samples available in each module (for use as duplicates or backups, if needed). Sorbers remain clean and protected from dirt, soil, and groundwater by the insertion/retrieval cord, and require no further sample preparation.

The expanded-PTFE membranes are hydrophobic and exclude liquid water, yet they do not retard vapor transfer, thus allowing VOC and SVOC vapors to penetrate the module and collect on the adsorbent material. The hydrophobic/gas-permeable character of the module facilitates soil gas surveys in very low permeability and poorly drained soils like those present at Ft McClellan.

Modules were shipped to and from the site in specially designed coolers. Each module was shipped in a separate, pre-labeled glass jar with a corresponding pre-labeled lid. The glass jar, the lid, and the module were all labeled with the same unique sample identification number.

Utility clearances for each site were provided by Johnson Controls personnel prior to drilling holes for the soil gas survey. Sample locations were typically marked using pin flags. An electric rotary hammer-drill, powered by a portable generator, was used to drill a ½ -inch diameter pilot hole at most sample locations. Van-mounted direct-push equipment was used to advance holes at several paved sites. The field team attempted to use a slide hammer at several sites with very little success. Shallow rock, cobbles, and stiff clay made the slide hammer impractical. Pilot holes, for deployment of modules, were drilled to a depth of two (2) to two and one half (2 ½ feet) below grade. After the pilot hole was completed, modules were inserted into the completed boreholes, using an aluminum insertion rod. The top of each cord was fastened to a cork, which was tamped flush with the ground surface to assist in retrieval of the module, and to seal the annulus of the boring. A short, approximately one inch, length of the white retrieval cord was left extending out of the hole to aid in locating the small boring when the modules were to be retrieved (approximately 11 days after deployment.)

Installation date and time, and any pertinent or anomalous site conditions were noted on the installation/retrieval form. Sample locations and module serial numbers were recorded in field books and on field maps.

Decontamination of the slide hammer rod or drill bit between borings consisted using a stiff brush to remove the clayey soil, washing with soapy water, and rinsing with tap water after drilling each boring.

Modules were removed from the ground by pulling on the retrieval cord, cutting and discarding the cork, and placing the module into the prelabeled glassware with it's corresponding sample identification number. (The 150 lb. break strength of the standard screening module allowed for retrieval even in a caved-in pilot hole.) The date and retrieval time were recorded on the chain of custody form.

Samples were chilled using frozen blue ice provided with the sample kits. Protocol calls for chilling samples to <4 degrees C° once the modules are removed from the ground. Each cooler contained a group of screening modules, one or more trip blanks, water temperature control blanks, carbonaceous blankets (to adsorb potential ambient contamination during transport), installation/retrieval forms, and COC forms for samples contained in that cooler.. Sample coolers were shipped via overnight courier to the W.L. Gore & Associates, Inc. Screening Modules Laboratory located in Elkton, MD.

Under most conditions the optimal exposure time ranges from 7-14 days. Modules remained in the ground approximately 11 days for this project.

After the installation of the in-ground modules was completed, the coolers along with the trip blanks were transported to a secure location for temporary storage until time for retrieval. Coolers were stored in the locked cage in the ground floor of the Directorate of Environment offices at Ft McClellan. This location is well-ventilated, free of obvious ambient air contamination, and is out of direct sunlight.

On receipt of the modules at the GORE laboratory, a laboratory technician opened each cooler, recorded on the chain of custody form (COC) the temperature of the water temperature control blank, logged the samples, and inspected the COC. Samples were then transferred to a laboratory freezer which is maintained at minus (-)15 C° until analysis.

Samples were extracted/analyzed using automated thermal desorption units, and gas chromatographs and mass selective detectors. Standard laboratory QA included analyzing two instrument blanks before each run sequence and a method blank every 30 samples (including trip blanks). Standards containing target compounds were analyzed at the beginning of each run.

Selection of Sample Locations

Sample locations were chosen in a site specific manner. Information regarding past activities at a site, and the location and size of potential sources were used in determining the sample locations presented in the Soil Gas Technical Memorandum and Attachments dated November 25, 1996. Suspected sources were sampled. Where no information was available regarding activities at a site (ground scars for example), a simple grid was proposed. Sample locations generally conformed to those presented in the Soil Gas Technical Memorandum and Attachments. At the request of the BCT, the sampling scheme at the Contractor Laydown Area was changed from one of targeting suspected sources to a blind grid. The BCT requested this change because they wanted to diminish the possibility that previously unknown sources would not go undetected at this site.

Soil Gas Screening Survey Results

Soil Gas Survey screening results are presented in the following text, tables and figures. Sites are arranged in the order in which they appeared in the SI Work Plan with the exception that the two control sites are moved to the beginning of the section. Figures are numbered by modifying the numbers used in the Draft SI Work Plan dated May, 1997.

Table 1 presents a summary of soil gas screening data for each site. Complete soil gas survey data is presented in Table 2. Data were rounded to three decimal places for reporting in tables. Software routines rounded the data to two decimal places for plotting on maps. Soil gas screening data are reported in units of mass (the mass or volume of soil gas which passed through the sorber is not known). The data includes some values which are below the method detection limit (MDL). Gore believes that, in these cases, the compound being reported is in fact present, but at a mass so low that it can not be accurately quantified.

After reviewing the data, Gore indicated that the data suggest that contamination is not present at the sites surveyed (with the exception of the Area T-38 control site).

Gore's rule of thumb is that masses within one order of magnitude of the MDL are unlikely to contain contaminants at concentrations detectable in soil or groundwater matrix samples. Data between one and two orders of magnitude above the MDL have a moderate likelihood of being detected by analysis of soil or groundwater samples, and data which exceeds two orders of magnitude of the MDL have a high likelihood of being detected during analysis of soil or groundwater samples. Closer review of the data, using Gore's sample review protocol, indicates moderate potential for contamination at several sites. Soil gas screening results for individual sites are discussed in the following sections.

QST staff reviewed the data from all sites and determined that it was generally most appropriate to plot and contour the following data: the sum of benzene, toluene, ethylbenzene, m and o-xylenes, (BTEX); the sum of undecane, tridecane, and pentadecane (C11-C13-C15); and the sum of 1,3 trimethylbenzene and 2,4 trimethylbenzene (TMBs). The list of compounds plotted and contoured was changed if it was appropriate to do so for a particular site.

The largest contributor to BTEX mass at the sites screened is usually toluene. Benzene was detected in relatively few samples in which other BTEX compounds were present. Where detected, benzene was usually detected at masses within one order of magnitude of the MDL (thus indicating that benzene would not be detected in soil or water matrix samples). Chlorinated solvents were rarely detected.

Chloroform was detected frequently at low levels. The source of chloroform is unknown. This highly volatile compound would be expected to naturally attenuate rapidly in the environment. Chloroform was not identified as a contaminant of concern based on knowledge of activities conducted at these sites.

Trip Blanks frequently contained BTEX. The source of this contamination is unknown. Fuel is a logical suspect; however, chromatograms are not consistent with a fuel source. Gore reports that trip blank chromatograms contain very few peaks, not the "hydrocarbon envelope" consisting of a multitude of peaks which is typical of fuel compounds. Data were not blank corrected. Blank correcting the data would have greatly reduced the number of detections and lowered many sample values to less than the MDL.

- Boiler Plant No. 1 [EBS Parcel No. 26(7) PS/PR]

Boiler Plant No. 1 was selected as a control site to demonstrate that this soil gas survey technique is effective at detecting fuel contamination in soil or groundwater. USTs at Boiler Plant No. 1 failed tank tightness tests and the tanks were abandoned in place. This site was selected as a control site because of the high likelihood of residual fuel contamination. Previously, soil samples collected during monitor well installaiton at this site were found to contain TRPH at concentrations ranging from less than 100 ppm to 751 ppm. TRPH detections were limited to the area south of the tank pit (see figure in Appendix A). These monitor wells were installed in 1990 as part of the tank closure. FTMC DOE report that the wells were monitored for several years; however, searches for the closure report and groundwater monitoring data were unsuccessful.

BTEX data were contoured for this site (Figure 2-1a). BTEX was detected in four of the five modules deployed. Only one sample exceeded an order of magnitude of the MDL. Sample K295 contained 0.454 ug BTEX. This sample also contained the highest mass of C11-C13-C15 compounds (0.510 ug).

Masses of organics detected at this control site are less than expected. The relatively low masses may be due to natural attenuation of lighter fractions.

- Area T-38 [EBS Parcel No. 186(6)HR]

Area T-38 was selected as a control site to demonstrate that this soil gas survey technique is effective at detecting chlorinated solvent contamination in soil or groundwater. Previous studies have confirmed chlorinated solvent contamination in groundwater at this site. One sampling module was placed in the water in each of two wells at this site and one module was installed in soil adjacent to each well. Depth to water was approximately 90 ft and soil is clayey.

Sampling at this control site clearly demonstrates that this passive soil gas collection and analytical technique works well in water contaminated with chlorinated solvents. Samples L296 and L298 were suspended in the water column in wells T38-G06 and T38-G07 respectively (Appendix A). The samples contained 269.280 ug and 48.146 ug TCE respectively, and 11.832 ug and 10.441 ug CCL_4 respectively.

Samples deployed in soil adjacent to the wells adsorbed very small masses of organics. Factors contributing to the discrepancy between masses detected in soil gas and in groundwater may include the large depth to water and partitioning coefficients between air and water. Sample

L297 detected 0.039 ug TCE adjacent to well T38-G06. No other chlorinated solvents were detected in modules deployed in soil at this site.

- Chemical School Lab Sump [EBS Parcel No. 90(7)HR(P)]

Four sample modules were deployed at the laboratory sump and four modules were deployed at the solvent storage building. Data for BTEX and 1,1,1 TCA were plotted on Figures 2-5a and 2-5b respectively. Data were plotted but not contoured because of the low number of datapoints. Data indicate no significant contamination at the sump where BTEX values ranged from 0.043 ug to 0.085 ug (0.02 ug MDL) and 1,1,1 TCA was not detected. TMBs and C11-C13-C15 compounds were also present at very low mass.

Samples at the solvent storage building suggest the possible presence of 1,1,1 TCA where values ranged from 0.759 ug to 8.027 ug (0.080 ug MDL). The maximum value was detected immediately in front of the door. BTEX was present at values ranging from 0.030 ug to 0.168 ug.

- Former DPDO [EBS Parcel No. 152(7)HS/HR(P)]

The Former DPDO extended from building T-2114 southward to the area now occupied by the northern portion of fenced area occupied by the Autocraft Shop. Buildings T-2114, T-2115, T-2116, etc., located at the northern portion of the Former DPDO, were used for covered storage. (Note that Bldg. T-2115 actually extends east to sample locations C069 and C070.) The southern portion of the Former DPDO was used for open storage.

Soil gas data from the vicinity of the buildings indicate a very low likelihood that VOC or SVOC compounds would be detected in soil or groundwater matrix samples. BTEX was detected at a maximum mass of 0.142 ug; that being at sample location C072. C11-C13-C15 were detected at masses very near the MDL and TMBs were not detected at all. BTEX , C11-C13-C15, and TMBs are contoured in Figure 2-6a, Figure 2-6b and Figure 2-6c respectively.

Soil gas data from the former open storage area are almost all within one order of magnitude of the MDL for VOCs and SVOCs. The maximum mass of BTEX (3.102 ug) and of TMBs (0.830 ug) were detected in the southeastern portion of the Former DPDO (sample locations C100 and C099 respectively). Slightly elevated masses of BTEX were also detected at sample locations C099 (adjacent to C100), C077 and C082. With the exception of sample C099, TMB values are uniformly low.

C11-C13-C15 masses within the open storage area are all within one order of magnitude of the MDL with the exception of samples C091, C077, and C078. All three of these samples are located within the northwestern quarter of the former open storage area. Sample C091 contained maximum mass (1.889 ug) of the target compounds. The other two samples contained less than 0.5 ug.

TCE, DCA, and TCA were absent from all samples collected at the Former DPDO (both open and covered storage areas).

- Former Tar Plant [EBS Parcel No. 99(7)PS/PR]

Soil gas samples collected at the Former Tar Plant indicate elevated masses of BTEX, C11-C13-C15, TMBs, Naphthalenes, and Octane at adjacent sample locations D146 and D169 and the surrounding vicinity. Maximum mass of BTEX, C11-C13-C15, and TMBs were 9.294 ug, 15.380, and 13.188, respectively. This area is at the northwestern corner of the Former Tar Plant. The ground at this site slopes to the west toward Cave Creek. BTEX , C11-C13-C15, and TMBs are contoured in Figure 2-9a, Figure 2-9b and Figure 2-9c respectively. Soil gas screening data from the Former Tar Plant and the Contractor Laydown Area are presented on a single map because the sites adjoin one another.

- Contractor Laydown Area [EBS Parcel No. 86(7)HS/HR(P)/PR(P)]

The Contractor Laydown Area is located immediately east of the Former Tar Plant. Data indicate slightly elevated masses of organics in the vicinity of the empty fog oil drum storage area and locations to the east, the pole storage area, and the soil treatment area. Sample location D128 exhibits elevated detections of BTEX, C11-C13-C15, and TMBs. BTEX , C11-C13-C15, and TMBs are contoured in Figure 2-9a, Figure 2-9b and Figure 2-9c respectively.

Samples D122 (empty fog oil drum storage area) and D128 (east of D122) contained BTEX mass greater than 1.00 ug (1.237 ug and 2.194 ug respectively). Samples containing masses between 0.50 u and 1.00 ug are D135 (pole and electrical insulator storage area), D155 (NE corner of hydrocarbon-contaminate soil treatment area), and D160 (southern pavement margin). All other samples contained less than 0.50 ug BTEX.

C11-C13-C15 were present at masses exceeding 1.0 ug in samples D128, and D172 in the area to the east of the empty fog oil drum storage area (5.263 ug and 2.786 ug respectively) and in nearby sample D138 (1.167 ug) located immediately south of the railroad track. Samples D120 (empty fog oil drum storage are) and D149 contained between 0.50 and 1.00 ug of the target compounds. All other samples contained less than 0.50 ug C11-C13-C15.

Sample D128 contained 1.784 ug TMBs. All other samples contained less than 0.50 ug TMBs.

- Former Sandel Flame Range [EBS Parcel No. 97(7)PR]

BTEX, C11-C13-C15, and total TMBs were mapped at this site. Data indicate that fuel compounds used during flamethrower training exercises either burned off during the exercises or have naturally attenuated. No hydrocarbon odors or other evidence of hydrocarbon contamination were observed during the sampling effort. With few exceptions, detected masses were within one order of magnitude of the MDL which indicates that detection of organics would not be expected in soil or water matrix samples. Significant detections were completely lacking

in the area of the buildings located at the western side of this site. All samples in which significant detections were observed were collected from the downrange portion of this Flame range.

BTEX , C11-C13-C15, and TMBs are contoured in Figure 2-10a, Figure 2-10b and Figure 2-10c respectively. Three samples exceeded 1.00 ug C11-C13-C15 with sample B051 containing the maximum mass detected (2.203 ug). Sample B051 was recovered from the west-central portion of the downrange area. Samples B030 and B037 also exceeded 1.0 ug C11-C13-C15. Three samples exceeded 0.50 ug of benzene with the maximum mass detected being 0.577 ug at sample location B053. TMBs did not exceed one order of magnitude of the MDL in any sample.

Sample location B051 exhibited BTEX and C11-C13-C15 compounds at the high end of data values for this site.

- Ground Scar south of the Autocraft Shop [EBS Parcel No. 157(7)HR(P)]

This site is located between the Autocraft Shop and the Former Sandel Flame Range. Soil gas collection modules were deployed in two former borrow areas located within this ground scar. The easternmost former borrow area is excavated into the base of a hill. A long abandoned confidence course was constructed on the slope of the hill. Soil was apparently scraped off bedrock at the westernmost borrow area; no significant excavation was apparently performed here.

BTEX , C11-C13-C15, and TMBs are contoured in Figure 2-10a, Figure 2-10b and Figure 2-10c respectively. Maximum BTEX mass detected was 0.844 ug in sample G231 from within the eastern borrow area. Two other samples within the eastern borrow area and two samples from the western borrow area contain approximately 0.6 ug BTEX as does one sample from the ditch south of the ground scar. Sample G223, collected from within the eastern borrow area, contains the maximum mass C11-C13-C15 compounds detected at this site (1.076 ug). Sample G227 is the only other sample to exceed 0.50 ug C11-C13-C15 compounds.

Sample G227 (maximum C11-C13-C15 mass) is one of the samples which approximated 0.6 ug BTEX. Also, TMBs exceeded one order of magnitude of the MDL in only one sample; that being G227 (0.331 ug).

1,1,1 TCA (two detections), and perchloroethylene (two detections) were observed at very low masses. Maximum detected masses for these three compounds were 0.049 ug, and 0.028 ug respectively.

- Ground Scar south of Bldg 3134 [EBS Parcel No. 153(7)HR(P)]

Soil gas sample modules were deployed on a soil pile located within this ground scar. BTEX and C11-C13-C15 compounds were detected in exceedance of one order of magnitude of the

MDL; none exceeded two orders of magnitude. TMBs did not exceeded one order of magnitude in any sample. BTEX , C11-C13-C15, and TMBs are contoured in Figure 2-11a, Figure 2-11b and Figure 2-11c respectively. No discernable pattern was observed in the contours.

The highest BTEX mass detected was in sample E178 (1.272 ug) located at the western side of the sample grid. The second highest BTEX mass was detected in sample E184 (0.580 ug) located at the northeastern corner of the sample grid. The maximum BTEX mass observed in samples collected at the creek is 0.292 ug in sample E189.

Maximum mass of C11-C13-C15 compounds was detected in sample E185 (0.703 ug) located at the eastern edge of the sample grid. The second highest C11-C13-C15 mass was detected in sample E184 (0.652 ug). Note that sample E184 also contained the second highest BTEX mass. C11-C13-C15 masses detected in samples deployed at the creek were very low.

- Ground Scar near the ASP [EBS Parcel No. 156(7)HR(P)]

Historical aerial photographs indicate rubble piles were once present in this area. A sample grid was established over the portion of the site where rubble piles were observed on the historical aerial photos. BTEX and C11-C13-C15 compounds were contoured for this site and are presented in Figures 2-12a and 2-12b respectively.

Contours indicate four areas elevated BTEX mass; only one exceeds 1.0 ug. Sample F201 contained the maximum BTEX mass at 1.638 ug from a location in the south-central portion of the sampled area. Samples F193, F195 and F203 contained 0.859, 0.892, and 0.741 ug BTEX respectively. Sample F203 also contained 0.678 ug C11-C13-C15 compounds, and 1.562 ug TMBs. TMBs were not contoured for this site because the compound was detected in only three samples.

Sample F217, deployed adjacent to a pile of construction debris, contained 0.909 ug C11-C13-C15 compounds; the maximum detected at this site. Sample F217 contained 0.229 ug benzene and no other compounds of interest.

- Ground Scar/Pit [EBS Parcel No. 155(7)HR(P)]

This site is the location of a ground scar observed on historical aerial photographs. The northern half of the ground scar was heavily wooded during the time of the EBS record search. Several depressions were present at the northern margin of a cleared field. Soil gas collectors were deployed at this site several days after the wooded portion of the site had been cleared during a logging operation.

BTEX data was plotted and contoured for this site (Figure 2-13a). Datapoints are arranged in the pattern of the letter "t" which makes it difficult to contour the data. Masses detected in the depressions are in the low to middle of the range of values observed at this site. The highest and

second highest BTEX masses detected were from samples H242 (0.545 ug) and H247 (0.447 ug). Both of these samples were collected from within the historical ground scar and north of the "pit". Sample H241, collected within the "pit", contained 0.175 ug BTEX.

- Ground Scar at south end of Confidence Course [EBS Parcel No. 158(7)HR(P)]

This site is the location of a ground scar observed on historical aerial photographs. A portion of this site is occupied by very closely-spaced small pine trees. All compounds were detected at low masses. Maximum masses of C11-C13-C15 compounds and TMBs are 0.136 ug (sample I253) and 0.089 ug (I255) respectively. These masses are within one order of magnitude of the MDL, indicating that these compounds would not likely be detected in soil or water matrix samples.

BTEX was detected in all samples and at masses ranging from 0.042 ug to 0.438 ug. The maximum value was detected in sample I255 located near the eastern margin of the pine trees. The second highest BTEX mass was from sample I251 (0.230 ug) located at the northwestern margin of the sample grid. BTEX data was plotted and contoured for this site (Figure 2-14a).

- Ground Scar/Trenches [EBS Parcel No. 154(7)HR(P)]

Soil gas modules were deployed at a group of trenches located north of a ground scar observed on historical photographs. Data for BTEX, and C11-C13-C15 compounds were contoured for this site (Figures 2-15a and 2-15b respectively). Maximum masses of BTEX, C11-C13-C15 compounds, and TMBs were 0.742 ug, 0.954 ug, and 0.099 ug respectively.

Data for BTEX, and C11-C13-C15 compounds correlate poorly except for sample J288 which is located at the south side of an old building slab. Sample J288 contained the maximum mass of TMBs and C11-C13-C15 compounds, and 0.456 ug benzene.

The highest masses of BTEX are located in the northeastern portion of the sampled area (sample J274), in the vicinity of the southern drum (samples J286 and J278), and at location J288 discussed previously.

THIS PAGE INTENTIONALLY LEFT BLANK

Table 1. Soil Gas Data Summary

Compound	Minimum Mass[1] µg	Sample Location	Maximum Mass µg	Sample Location	MDL µg	# Detections	TB Max Mass[2]	Module Number
Site A - Chem School Lab Sump								
BTEX	0.030	A007	0.168	A008	0.020	8	0.16	129863
C11	0.047	A007	0.135	A005	0.020	8	0.15	129863
111 TCA	0.759	A008	8.027	A006	0.080	4	0.00	
Site B - Sandel Flame Range								
BTEX	0.012	B009	0.577	B053	0.020	45	0.08	130116
C11	0.004	B011, B046	2.203	B051	0.020	54	0.01	129910,130116
TMBs	0.016	B033	0.182	B025	0.020	33	0.00	
Octane	0.043	B021	0.798	B034	0.030	29	0.00	
PCE	0.084	B021	0.189	B022	0.030	2	0.00	
Site C - Former DPDO								
BTEX	0.014	C089	3.102	C100	0.020	32	0.08	130041
C11	0.016	C096	1.889	C091	0.020	38	0.05	130041
TMBs	0.009	C093	0.830	C099	0.020	12	0.00	
Octane	0.052	C092	0.988	C087	0.030	10	0.00	
Site D - Contractor Laydown Area								
BTEX	0.019	D162	9.294	D146	0.020	56	0.16	129863
C11	0.006	D161	15.380	D169	0.020	57	0.15	129863
TMBs	0.005	D127	13.188	D146	0.020	39	0.00	
Napth.	0.011	D119	31.971	D169	0.030	25	0.00	
Octane	0.041	D135	12.230	D146	0.030	26	0.00	
Site E - Ground Scar at Bldg 3134								
BTEX	0.029	E188	1.272	E178	0.020	14	0.08	130041, 130093
C11	0.015	E180	0.703	E185	0.020	15	0.09	130093
TMBs	0.001	E186	0.119	E184	0.020	11	0.00	
Napth.			0.054	E182	0.030	3	0.00	
Octane	0.045	E181	0.105	E182	0.030	8	0.00	
Site F - Ground Scar Near ASP								
BTEX	0.038	F214	1.638	F201	0.020	28	0.08	130093
C11	0.026	F200	0.909	F217	0.020	30	0.09	130093
TMBs	0.027	F194	1.562	F203	0.020	11	0.00	
Octane	0.042	F197	0.221	F201	0.030	8	0.00	
PCE	0.167	F200	0.324	F205	0.030	2	0.00	
Site G - Ground Scar South of Auto Craft Shop								
BTEX	0.096	G233	0.844	G231	0.020	13	0.16	129863
C11	0.092	G233	1.076	G223	0.020	14	0.15	129863
TMBs	0.011	G222	0.331	G227	0.020	12	0.00	
Octane	0.056	G224	0.163	G231	0.030	9	0.00	
111TCA	0.043	G232	0.049	G229	0.080	2	0.00	
PCE			0.028	G231	0.030	1	0.00	
Napth	0.054	G229	0.088	G231	0.030	4	0.00	
Site H - Ground Scar/Pit								
BTEX	0.064	H246	0.545	H242	0.020	10	0.08	130093
C11	0.015	H249	0.471	H248	0.020	10	0.09	130093
TMBs	0.013	H248	0.096	H247	0.020	7	0.00	
Octane	0.060	H244	0.212	H242	0.030	4	0.00	

Table 1. Soil Gas Data Summary

Compound	Minimum Mass[1] µg	Sample Location	Maximum Mass µg	Sample Location	MDL µg	# Detections	TB Max Mass[2]	Module Number
Site I - Ground Scar at South End of Confidence Course								
BTEX	0.042	I258	0.438	I255	0.020	10	0.08	130093
C11	0.021	I258	0.136	I253	0.020	10	0.09	130093
TMBs	0.034	I253	0.089	I255	0.020	3	0.00	
Octane	0.032	I255	0.032	I255	0.030	1	0.00	
Site J - Ground Scar with Trenches								
BTEX	0.036	J263	0.742	J274	0.020	28	0.16	129863
C11	0.014	J267	0.954	J288	0.020	30	0.15	129863
TMBs	0.006	J277	0.099	J261	0.020	17	0.00	
Octane	0.036	J286	0.170	J288	0.030	12	0.00	
Site K - Boiler Plant #1								
BTEX	0.087	K293	0.454	K295	0.020	4	0.08	130041
C11	0.008	K291	0.510	K295	0.020	5	0.05	130041
TMBs	0.028	K292	0.036	K292	0.020	3	0.00	
Octane			0.094	K295	0.030	1	0.00	
Site L - Area T-38								
BTEX	0.030	L297	0.823	L298	0.020	3	0.12	129988
PCE	1.154	L298	7.830	L296	0.030	2	0.00	
TCE	0.039	L297	269.280	L296	0.010	3	0.00	

[1]Minimum mass for environmental samples - minimum detection.

[2]Trip Blank Maximum Mass.

Table 2. Soil Data

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	BTEX, ug 0.020	BENZ, ug 0.020	TOL, ug 0.140	EtBENZ, ug 0.020	mpXYL, ug 0.030	oXYL, ug 0.020	C11, C13, &C15, ug 0.020	UNDEC, ug 0.020	TRIDEC, ug 0.030	PENTADEC, ug 0.040	NAPH &2-MN, ug 0.030	NAPH, ug 0.030	2MeNAPH, ug 0.050	TMBs, ug 0.020	135TMB, ug 0.020	124TMB, ug 0.020	t12DCE, ug 0.160
Chemical School Lab Sump																			
A001	129877		0.085	0.000	0.044	0.025	0.017	0.000	0.056	0.047	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A002	129878		0.080	0.000	0.045	0.016	0.019	0.000	0.126	0.065	0.030	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A003	129879		0.048	0.000	0.048	0.000	0.000	0.000	0.059	0.044	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A004	129880		0.043	0.000	0.043	0.000	0.000	0.000	0.099	0.045	0.020	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A005	129873		0.138	0.000	0.061	0.049	0.029	0.000	0.135	0.076	0.024	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A006	129874		0.062	0.000	0.039	0.000	0.023	0.000	0.106	0.068	0.012	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A007	129875		0.030	0.000	0.030	0.000	0.000	0.000	0.047	0.032	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A008	129876		0.168	0.000	0.057	0.069	0.042	0.000	0.086	0.071	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sandel Flame Range																			
B009	129975		0.012	0.000	0.000	0.000	0.012	0.000	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B010	129966		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B011	129974		0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B012	129967		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B013	129973		0.040	0.000	0.040	0.000	0.000	0.000	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B014	129971		0.040	0.000	0.040	0.000	0.000	0.000	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B015	129972		0.219	0.000	0.080	0.059	0.055	0.025	0.025	0.025	0.000	0.000	0.000	0.000	0.000	0.066	0.026	0.040	0.000
B016	129968		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B017	129969	*	0.147	0.000	0.096	0.000	0.051	0.000	0.072	0.066	0.000	0.007	0.000	0.000	0.000	0.070	0.024	0.045	0.000
B018	129970		0.490	0.113	0.167	0.061	0.105	0.045	0.168	0.168	0.000	0.000	0.016	0.016	0.000	0.051	0.014	0.037	0.000
B019	129911	**	0.000	0.000	0.000	0.000	0.000	0.000	0.058	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B020	129912		0.088	0.000	0.062	0.000	0.019	0.006	0.015	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B021	129913		0.354	0.000	0.239	0.054	0.040	0.022	0.314	0.314	0.000	0.000	0.000	0.000	0.000	0.094	0.058	0.036	0.000
B022	129922		0.289	0.000	0.136	0.033	0.081	0.039	0.173	0.173	0.000	0.000	0.000	0.000	0.000	0.063	0.024	0.038	0.000
B023	129923		0.083	0.000	0.070	0.000	0.000	0.013	0.068	0.068	0.000	0.000	0.000	0.000	0.000	0.023	0.010	0.013	0.000
B024	129924		0.063	0.000	0.063	0.000	0.000	0.000	0.421	0.421	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B025	129925		0.557	0.000	0.185	0.064	0.217	0.091	0.272	0.267	0.000	0.004	0.025	0.025	0.000	0.182	0.069	0.113	0.000
B026	129926	**	0.271	0.000	0.162	0.033	0.050	0.026	0.425	0.406	0.012	0.007	0.000	0.000	0.000	0.054	0.021	0.033	0.000
B027	129927	*	0.136	0.000	0.096	0.000	0.025	0.016	0.275	0.275	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B028	129935	*	0.075	0.000	0.075	0.000	0.000	0.000	0.118	0.118	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B029	129914	**	0.507	0.153	0.164	0.045	0.096	0.049	0.038	0.034	0.003	0.000	0.029	0.023	0.006	0.068	0.014	0.054	0.000
B030	129915		0.353	0.000	0.213	0.057	0.052	0.031	1.086	1.053	0.026	0.007	0.000	0.000	0.000	0.057	0.057	0.000	0.000
B031	129916		0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B032	129917		0.019	0.000	0.000	0.000	0.019	0.000	0.975	0.052	0.360	0.564	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B033	129918	**	0.113	0.000	0.066	0.000	0.047	0.000	0.014	0.014	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.016	0.000
B034	129919	**	0.492	0.112	0.186	0.053	0.097	0.043	0.047	0.040	0.006	0.000	0.000	0.000	0.000	0.053	0.015	0.038	0.000
B035	129920	*	0.242	0.000	0.143	0.054	0.044	0.000	0.246	0.246	0.000	0.000	0.000	0.000	0.000	0.082	0.043	0.038	0.000
B036	129921		0.248	0.000	0.132	0.053	0.040	0.023	0.535	0.535	0.000	0.000	0.026	0.026	0.000	0.068	0.036	0.032	0.000
B037	129933		0.232	0.000	0.102	0.047	0.053	0.030	1.666	1.632	0.035	0.000	0.040	0.040	0.000	0.099	0.046	0.053	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	BTEX, ug 0.020	BENZ, ug 0.020	TOL, ug 0.140	EtBENZ, ug 0.020	mpXYL, ug 0.030	oXYL, ug 0.020	C11, C13, &C15, ug 0.020	UNDEC, ug 0.020	TRIDEC, ug 0.030	PENTADEC, ug 0.040	NAPH &2-MN, ug 0.030	NAPH, ug 0.030	2MeNAPH, ug 0.050	TMBs, ug 0.020	135TMB, ug 0.020	124TMB, ug 0.020	t12DCE, ug 0.160
B038	129934		0.045	0.000	0.000	0.027	0.018	0.000	0.019	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B039	129954	**	0.407	0.092	0.147	0.048	0.081	0.039	0.142	0.138	0.000	0.004	0.000	0.000	0.000	0.049	0.012	0.037	0.000
B040	129955	**	0.071	0.000	0.071	0.000	0.000	0.000	0.026	0.026	0.000	0.000	0.000	0.000	0.000	0.023	0.000	0.023	0.000
B042	129942	**	0.487	0.129	0.152	0.052	0.107	0.046	0.320	0.313	0.000	0.007	0.000	0.000	0.000	0.073	0.020	0.053	0.000
B043	129941		0.393	0.000	0.198	0.055	0.086	0.054	0.523	0.494	0.024	0.006	0.000	0.000	0.000	0.121	0.052	0.070	0.000
B044	129940	*	0.249	0.000	0.150	0.037	0.041	0.021	0.336	0.328	0.003	0.005	0.000	0.000	0.000	0.054	0.054	0.000	0.000
B045	129939		0.175	0.000	0.076	0.064	0.035	0.000	0.141	0.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B046	129938	**	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B047	129937	**	0.412	0.097	0.126	0.061	0.086	0.041	0.211	0.211	0.000	0.000	0.000	0.000	0.000	0.041	0.010	0.032	0.000
B048	129936		0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B049	129953		0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B050	129952		0.029	0.000	0.000	0.029	0.000	0.000	0.043	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B051	129951		0.400	0.000	0.227	0.084	0.057	0.031	2.203	2.192	0.010	0.000	0.000	0.000	0.000	0.089	0.049	0.040	0.000
B052	129950		0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B053	129949	**	0.577	0.150	0.195	0.072	0.107	0.053	0.153	0.146	0.000	0.008	0.021	0.021	0.000	0.073	0.022	0.051	0.000
B054	129948	**	0.323	0.056	0.162	0.037	0.047	0.021	0.067	0.067	0.000	0.000	0.000	0.000	0.000	0.018	0.000	0.018	0.000
B055	129947	**	0.457	0.112	0.172	0.044	0.089	0.039	0.195	0.195	0.000	0.000	0.000	0.000	0.000	0.051	0.013	0.038	0.000
B056	129946	**	0.405	0.057	0.191	0.046	0.074	0.036	0.136	0.136	0.000	0.000	0.012	0.000	0.012	0.047	0.016	0.031	0.000
B057	129945		0.121	0.000	0.000	0.000	0.121	0.000	0.091	0.091	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B058	129944		0.228	0.000	0.129	0.046	0.032	0.022	0.798	0.784	0.014	0.000	0.027	0.027	0.000	0.066	0.066	0.000	0.000
B059	129956		0.228	0.000	0.123	0.046	0.034	0.026	0.922	0.918	0.003	0.000	0.000	0.000	0.000	0.081	0.050	0.030	0.000
B061	129958	**	0.455	0.138	0.152	0.043	0.083	0.039	0.200	0.200	0.000	0.000	0.024	0.018	0.006	0.059	0.015	0.044	0.000
B062	129959		0.256	0.000	0.116	0.061	0.047	0.031	0.602	0.602	0.000	0.000	0.000	0.000	0.000	0.073	0.040	0.034	0.000
B063	129961	**	0.083	0.000	0.063	0.000	0.021	0.000	0.022	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B065	129962	**	0.271	0.000	0.158	0.032	0.053	0.028	0.109	0.100	0.009	0.000	0.000	0.000	0.000	0.031	0.008	0.023	0.000
B066	129963		0.355	0.054	0.160	0.052	0.053	0.036	0.824	0.824	0.000	0.000	0.000	0.000	0.000	0.093	0.047	0.047	0.000
B067	129964		0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B068	129965		0.401	0.000	0.127	0.139	0.089	0.047	0.328	0.328	0.000	0.000	0.000	0.000	0.000	0.080	0.040	0.039	0.000
Former DPDO																			
C069	130020		0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C070	130021		0.042	0.000	0.042	0.000	0.000	0.000	0.026	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C071	130023		0.054	0.000	0.054	0.000	0.000	0.000	0.024	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C072	130022		0.142	0.031	0.084	0.000	0.027	0.000	0.034	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C073	130035		0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C074	130036		0.230	0.040	0.110	0.049	0.032	0.000	0.174	0.165	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C075	130037		0.135	0.000	0.115	0.020	0.000	0.000	0.116	0.116	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C076	130038		0.261	0.000	0.174	0.047	0.040	0.000	0.082	0.060	0.022	0.000	0.000	0.000	0.000	0.067	0.044	0.023	0.000
C077	130039	**	0.598	0.161	0.182	0.052	0.136	0.067	0.279	0.243	0.023	0.012	0.103	0.080	0.023	0.142	0.031	0.111	0.000
C078	130040		0.270	0.000	0.191	0.040	0.039	0.000	0.425	0.404	0.022	0.000	0.000	0.000	0.000	0.061	0.033	0.028	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	BTEX, ug 0.020	BENZ, ug 0.020	TOL, ug 0.140	EtBENZ, ug 0.020	mpXYL, ug 0.030	oXYL, ug 0.020	C11, C13, &C15, ug 0.020	UNDEC, ug 0.020	TRIDEC, ug 0.030	PENTADEC, ug 0.040	NAPH &2-MN, ug 0.030	NAPH, ug 0.030	2MeNAPH, ug 0.050	TMBs, ug 0.020	135TMB, ug 0.020	124TMB, ug 0.020	t12DCE, ug 0.160
C079	130042	**	0.079	0.000	0.079	0.000	0.000	0.000	0.066	0.061	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C080	130043		0.137	0.000	0.114	0.023	0.000	0.000	0.096	0.088	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C080	130007		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C081	130008		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C082	130009		0.666	0.151	0.222	0.062	0.159	0.072	0.149	0.149	0.000	0.000	0.030	0.024	0.006	0.105	0.028	0.078	0.000
C083	130010		0.140	0.000	0.088	0.016	0.036	0.000	0.048	0.048	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.016	0.000
C084	130017		0.000	0.000	0.000	0.000	0.000	0.000	0.094	0.094	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C085	130016		0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C086	130015		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C087	130018		0.161	0.083	0.060	0.000	0.019	0.000	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C088	130003		0.017	0.000	0.000	0.000	0.013	0.004	0.020	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C089	130004		0.014	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C090	130005		0.072	0.000	0.072	0.000	0.000	0.000	0.047	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C091	130006		0.117	0.000	0.055	0.026	0.036	0.000	1.889	1.865	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C092	130011		0.282	0.000	0.163	0.048	0.046	0.025	0.028	0.028	0.000	0.000	0.000	0.000	0.000	0.030	0.030	0.000	0.000
C093	130013		0.000	0.000	0.000	0.000	0.000	0.000	0.054	0.054	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.000	0.000
C094	130014		0.039	0.000	0.039	0.000	0.000	0.000	0.052	0.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C095	130046		0.129	0.000	0.129	0.000	0.000	0.000	0.073	0.065	0.000	0.008	0.000	0.000	0.000	0.014	0.014	0.000	0.000
C096	130045	*	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C097	130044		0.044	0.000	0.044	0.000	0.000	0.000	0.018	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C098	130047		0.074	0.000	0.059	0.015	0.000	0.000	0.051	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C099	130054	*	0.975	0.000	0.725	0.146	0.104	0.000	0.109	0.048	0.045	0.016	0.107	0.107	0.000	0.830	0.180	0.650	0.000
C100	130053		3.102	0.000	2.918	0.075	0.076	0.033	0.605	0.548	0.043	0.014	0.000	0.000	0.000	0.147	0.086	0.061	0.000
C101	130052	**	0.231	0.000	0.156	0.041	0.034	0.000	0.099	0.099	0.000	0.000	0.000	0.000	0.000	0.063	0.032	0.031	0.000
C102	130051		0.672	0.053	0.391	0.090	0.089	0.049	0.128	0.091	0.027	0.010	0.000	0.000	0.000	0.141	0.078	0.063	0.000
C103	130050	**	0.058	0.000	0.058	0.000	0.000	0.000	0.042	0.037	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C104	130049		0.048	0.000	0.048	0.000	0.000	0.000	0.041	0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C105	130048		0.069	0.000	0.069	0.000	0.000	0.000	0.042	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C114	130024		0.044	0.000	0.044	0.000	0.000	0.000	0.029	0.025	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C115	130025		0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C116	130026	*	0.057	0.000	0.057	0.000	0.000	0.000	0.017	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C117																			
C118	130034		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	130033	missing																	
Contractor Laydown Area																			
D118	129881		0.259	0.076	0.130	0.016	0.038	0.000	0.091	0.045	0.018	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D119	129884		0.360	0.000	0.178	0.084	0.061	0.037	0.224	0.186	0.008	0.030	0.011	0.011	0.000	0.076	0.045	0.031	0.000
D120	129888		0.560	0.040	0.320	0.056	0.084	0.060	0.829	0.763	0.041	0.026	0.159	0.085	0.074	0.160	0.093	0.067	0.000
D121	130154		0.197	0.000	0.129	0.000	0.045	0.023	0.030	0.030	0.000	0.000	0.014	0.000	0.014	0.027	0.011	0.016	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	BTEX, ug 0.020	BENZ, ug 0.020	TOL, ug 0.140	EtBENZ, ug 0.020	mpXYL, ug 0.030	oXYL, ug 0.020	C11, C13, &C15, ug 0.020	UNDEC, ug 0.020	TRIDEC, ug 0.030	PENTADEC, ug 0.040	NAPH &2-MN, ug 0.030	NAPH, ug 0.030	2MeNAPH, ug 0.050	TMBs, ug 0.020	135TMB, ug 0.020	124TMB, ug 0.020	t12DCE, ug 0.160
D122	129891		1.237	0.136	0.531	0.085	0.318	0.167	0.155	0.141	0.000	0.014	0.049	0.035	0.014	0.220	0.110	0.110	0.000
D123	129894		0.366	0.038	0.191	0.042	0.064	0.032	0.191	0.179	0.000	0.012	0.000	0.000	0.000	0.041	0.018	0.023	0.000
D124	129897		0.714	0.081	0.344	0.082	0.125	0.082	0.250	0.178	0.024	0.047	0.063	0.038	0.025	0.155	0.084	0.071	0.000
D125	129900		0.185	0.028	0.111	0.020	0.026	0.000	0.066	0.058	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D126	129903		0.041	0.000	0.041	0.000	0.000	0.000	0.031	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D127	129906	**	0.182	0.000	0.124	0.034	0.024	0.000	0.044	0.044	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.005	0.000
D128	129882		2.194	0.235	0.845	0.112	0.427	0.576	5.263	4.348	0.865	0.050	7.057	3.552	3.505	1.784	0.839	0.945	0.000
D129	129885		0.103	0.034	0.054	0.000	0.015	0.000	0.055	0.043	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D130	129889		0.548	0.118	0.213	0.118	0.069	0.030	0.052	0.045	0.000	0.007	0.000	0.000	0.000	0.017	0.005	0.012	0.000
D131	129892		0.397	0.116	0.150	0.039	0.064	0.028	0.230	0.160	0.055	0.014	0.091	0.045	0.046	0.028	0.013	0.015	0.000
D132	129895		0.453	0.147	0.164	0.033	0.075	0.034	0.111	0.076	0.014	0.021	0.000	0.000	0.000	0.036	0.016	0.020	0.000
D133	129898		0.498	0.178	0.148	0.046	0.087	0.039	0.149	0.067	0.031	0.052	0.019	0.000	0.019	0.046	0.021	0.025	0.000
D134	129901		0.178	0.047	0.081	0.024	0.027	0.000	0.067	0.039	0.009	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D135	129904		0.622	0.138	0.307	0.042	0.090	0.045	0.067	0.063	0.000	0.004	0.037	0.025	0.013	0.024	0.006	0.018	0.000
D136	129907		0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D137	129883		0.129	0.000	0.082	0.026	0.020	0.000	0.053	0.040	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D138	129887		0.733	0.078	0.226	0.150	0.184	0.096	1.167	0.758	0.358	0.050	0.176	0.082	0.095	0.157	0.090	0.068	0.000
D139	129890		0.294	0.098	0.100	0.049	0.033	0.015	0.170	0.107	0.031	0.031	0.000	0.000	0.000	0.026	0.014	0.012	0.000
D140	129893		0.210	0.047	0.096	0.030	0.037	0.000	0.410	0.161	0.188	0.062	0.122	0.068	0.054	0.031	0.012	0.019	0.000
D141	129896		0.275	0.075	0.116	0.032	0.037	0.016	0.056	0.047	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D142	129899		0.050	0.000	0.050	0.000	0.000	0.000	0.075	0.066	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D143	129902		0.178	0.036	0.063	0.049	0.030	0.000	0.039	0.035	0.000	0.003	0.000	0.000	0.000	0.023	0.012	0.011	0.000
D144	129905		0.177	0.021	0.063	0.021	0.039	0.033	0.072	0.062	0.000	0.010	0.000	0.000	0.000	0.036	0.014	0.022	0.000
D145	129908		0.265	0.000	0.072	0.037	0.103	0.053	0.051	0.044	0.000	0.008	0.000	0.000	0.000	0.008	0.008	0.000	0.000
D146	130151		9.294	0.585	0.272	1.531	5.472	1.434	4.972	4.437	0.499	0.035	0.939	0.631	0.308	13.188	6.348	6.840	0.000
D147	130150		4.493	0.502	1.182	0.303	1.757	0.749	0.248	0.189	0.050	0.008	0.131	0.105	0.026	1.219	0.419	0.800	0.000
D148	130166		0.097	0.000	0.069	0.000	0.028	0.000	0.019	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D149	130163		0.458	0.162	0.094	0.076	0.067	0.059	0.576	0.517	0.060	0.000	0.047	0.027	0.020	0.089	0.043	0.046	0.000
D150	130161		0.454	0.138	0.108	0.055	0.098	0.054	0.231	0.102	0.111	0.017	0.100	0.082	0.018	0.220	0.110	0.111	0.000
D151	130159		0.205	0.000	0.119	0.037	0.049	0.000	0.073	0.031	0.031	0.011	0.000	0.000	0.000	0.014	0.000	0.014	0.000
D152	130157		0.286	0.000	0.102	0.103	0.057	0.024	0.030	0.030	0.000	0.000	0.000	0.000	0.000	0.046	0.019	0.028	0.000
D153	130155		0.234	0.105	0.084	0.000	0.027	0.019	0.107	0.087	0.019	0.000	0.026	0.014	0.012	0.021	0.011	0.010	0.000
D154	130153		0.055	0.000	0.055	0.000	0.000	0.000	0.012	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D155	129909		0.794	0.204	0.357	0.046	0.110	0.077	0.183	0.178	0.000	0.006	0.018	0.000	0.018	0.056	0.026	0.029	0.000
D156	130142		0.606	0.106	0.148	0.033	0.135	0.184	0.157	0.114	0.020	0.023	1.717	0.815	0.902	0.805	0.428	0.377	0.000
D157	130145		0.364	0.061	0.065	0.065	0.084	0.089	2.159	2.051	0.108	0.000	0.582	0.238	0.344	0.353	0.191	0.162	0.000
D158	130149		0.064	0.000	0.064	0.000	0.000	0.000	0.308	0.308	0.000	0.000	0.000	0.000	0.000	0.007	0.007	0.000	0.000
D159	130165		0.067	0.000	0.067	0.000	0.000	0.000	0.013	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D160	130164	**	1.064	0.240	0.265	0.138	0.240	0.182	0.360	0.299	0.048	0.013	0.070	0.049	0.021	0.405	0.134	0.271	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	BTEX, ug 0.020	BENZ, ug 0.020	TOL, ug 0.140	EtBENZ, ug 0.020	mpXYL, ug 0.030	oXYL, ug 0.020	C11, C13, &C15, ug 0.020	UNDEC, ug 0.020	TRIDEC, ug 0.030	PENTADEC, ug 0.040	NAPH &2-MN, ug 0.030	NAPH, ug 0.030	2MeNAPH, ug 0.050	TMBs, ug 0.020	135TMB, ug 0.020	124TMB, ug 0.020	t12DCE, ug 0.160
D161	130162		0.163	0.000	0.087	0.036	0.026	0.015	0.006	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D162	130160		0.019	0.000	0.000	0.000	0.019	0.000	0.035	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D163	130158		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D164	130156		0.196	0.000	0.081	0.065	0.032	0.018	0.033	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D165	130143	**	0.100	0.000	0.067	0.033	0.000	0.000	0.045	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D166	130144		0.111	0.000	0.088	0.000	0.023	0.000	1.033	1.006	0.017	0.010	0.000	0.000	0.000	0.024	0.000	0.024	0.000
D167	130146		0.311	0.000	0.160	0.053	0.064	0.035	0.373	0.352	0.008	0.012	0.000	0.000	0.000	0.237	0.167	0.070	0.000
D168	130147		0.074	0.000	0.052	0.000	0.022	0.000	0.059	0.059	0.000	0.000	0.000	0.000	0.000	0.018	0.000	0.018	0.000
D169	130152	**	7.627	0.564	0.739	1.337	3.211	1.776	15.380	9.086	4.911	1.383	31.971	10.687	21.284	6.617	2.253	4.364	0.000
D170	130148		5.969	0.556	0.131	0.357	4.733	0.192	0.240	0.185	0.027	0.028	0.079	0.074	0.006	7.605	4.193	3.413	0.000
D171	129991		0.154	0.000	0.083	0.044	0.027	0.000	0.011	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D172	129990		0.717	0.117	0.243	0.117	0.140	0.100	2.786	2.101	0.636	0.049	0.378	0.229	0.149	0.345	0.129	0.217	0.000
D173	129989	no tag	0.204	0.000	0.087	0.073	0.044	0.000	0.029	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D174	130167		0.680	0.253	0.112	0.092	0.078	0.146	0.430	0.339	0.084	0.007	0.082	0.064	0.018	0.404	0.285	0.119	0.000
D175	129992		0.640	0.129	0.220	0.099	0.138	0.054	0.126	0.122	0.004	0.000	0.022	0.022	0.000	0.066	0.018	0.047	0.000
Ground Scar at Bldg 3134																			
E176	130055	**	0.489	0.124	0.162	0.056	0.097	0.050	0.144	0.095	0.031	0.017	0.081	0.063	0.018	0.090	0.021	0.069	0.000
E177	130056		0.092	0.000	0.079	0.000	0.000	0.013	0.190	0.172	0.000	0.018	0.000	0.000	0.000	0.010	0.000	0.010	0.000
E178	130057		1.272	0.000	1.110	0.068	0.069	0.025	0.444	0.397	0.035	0.012	0.028	0.028	0.000	0.113	0.063	0.050	0.000
E179	130058		0.125	0.000	0.125	0.000	0.000	0.000	0.113	0.113	0.000	0.000	0.000	0.000	0.000	0.024	0.024	0.000	0.000
E180	130059		0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E181	130060	**	0.246	0.000	0.159	0.033	0.034	0.020	0.242	0.225	0.000	0.017	0.000	0.000	0.000	0.015	0.000	0.015	0.000
E182	130061	**	0.418	0.135	0.136	0.033	0.076	0.037	0.189	0.149	0.028	0.013	0.054	0.054	0.000	0.069	0.018	0.052	0.000
E183	130062		0.060	0.000	0.060	0.000	0.000	0.000	0.055	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E184	130063		0.580	0.000	0.314	0.135	0.081	0.049	0.652	0.581	0.011	0.060	0.000	0.000	0.000	0.119	0.069	0.051	0.000
E185	130064		0.456	0.000	0.159	0.153	0.092	0.052	0.703	0.691	0.013	0.000	0.000	0.000	0.000	0.076	0.047	0.029	0.000
E186	130066		0.063	0.000	0.063	0.000	0.000	0.000	0.082	0.082	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.000	0.000
E187	130067		0.399	0.000	0.155	0.125	0.072	0.048	0.224	0.211	0.000	0.014	0.000	0.000	0.000	0.071	0.037	0.034	0.000
E188	130068		0.029	0.000	0.000	0.029	0.000	0.000	0.034	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E189	130069	**	0.292	0.090	0.119	0.028	0.056	0.000	0.050	0.040	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E190	130070	**	0.153	0.000	0.082	0.030	0.041	0.000	0.107	0.076	0.017	0.014	0.000	0.000	0.000	0.015	0.000	0.015	0.000
Ground Scar Near ASP																			
F191	130081		0.376	0.000	0.244	0.080	0.052	0.000	0.510	0.491	0.019	0.000	0.000	0.000	0.000	0.088	0.048	0.041	0.000
F192	130082		0.166	0.000	0.094	0.042	0.030	0.000	0.265	0.265	0.000	0.000	0.000	0.000	0.000	0.059	0.033	0.026	0.000
F193	130083		0.859	0.000	0.370	0.288	0.130	0.071	0.122	0.111	0.011	0.000	0.000	0.000	0.000	0.127	0.062	0.065	0.000
F194	130084		0.316	0.000	0.156	0.079	0.052	0.028	0.713	0.692	0.021	0.000	0.000	0.000	0.000	0.027	0.012	0.015	0.000
F195	130085		0.892	0.000	0.419	0.242	0.160	0.072	0.178	0.145	0.033	0.000	0.018	0.018	0.000	0.090	0.052	0.037	0.000
F196	130087		0.147	0.000	0.086	0.034	0.027	0.000	0.056	0.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	BTEX, ug 0.020	BENZ, ug 0.020	TOL, ug 0.140	EtBENZ, ug 0.020	mpXYL, ug 0.030	oXYL, ug 0.020	C11, C13, &C15, ug 0.020	UNDEC, ug 0.020	TRIDEC, ug 0.030	PENTADEC, ug 0.040	NAPH &2-MN, ug 0.030	NAPH, ug 0.030	2MeNAPH, ug 0.050	TMBs, ug 0.020	135TMB, ug 0.020	124TMB, ug 0.020	t12DCE, ug 0.160
F197	130092		0.541	0.048	0.189	0.154	0.089	0.062	0.142	0.142	0.000	0.000	0.000	0.000	0.000	0.064	0.040	0.024	0.000
F198	130094	*	0.152	0.000	0.085	0.068	0.000	0.000	0.066	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F199	130095		0.085	0.000	0.085	0.000	0.000	0.000	0.345	0.345	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F200	130096		0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F201	130098		1.638	0.000	0.717	0.380	0.313	0.229	0.667	0.553	0.048	0.066	0.077	0.077	0.000	0.000	0.000	0.000	0.000
F202	130099		0.173	0.000	0.095	0.028	0.035	0.015	0.164	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F203	130100		0.741	0.045	0.432	0.097	0.084	0.083	0.678	0.513	0.156	0.010	0.049	0.049	0.000	1.562	1.279	0.283	0.000
F204	130101		0.091	0.000	0.091	0.000	0.000	0.000	0.181	0.177	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F205	130102	*	0.176	0.000	0.096	0.051	0.030	0.000	0.074	0.074	0.000	0.000	0.217	0.186	0.031	0.000	0.000	0.000	0.000
F206	130103		0.089	0.000	0.089	0.000	0.000	0.000	0.054	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F207	130104	*	0.220	0.000	0.096	0.068	0.037	0.018	0.102	0.095	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F208	130105	*	0.116	0.000	0.090	0.026	0.000	0.000	0.133	0.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F209	130106	*	0.080	0.000	0.060	0.019	0.000	0.000	0.097	0.097	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F210	130107	*	0.132	0.000	0.075	0.021	0.036	0.000	0.413	0.404	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F211	130108		0.048	0.000	0.048	0.000	0.000	0.000	0.039	0.036	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F212	130109	*	0.061	0.000	0.061	0.000	0.000	0.000	0.063	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F213	130111	*	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F214	130112	*	0.038	0.000	0.038	0.000	0.000	0.000	0.066	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F215	130113	*	0.270	0.000	0.148	0.069	0.053	0.000	0.097	0.097	0.000	0.000	0.000	0.000	0.000	0.069	0.036	0.032	0.000
F216	130086		0.438	0.000	0.152	0.141	0.096	0.049	0.197	0.197	0.000	0.000	0.000	0.000	0.000	0.061	0.035	0.026	0.000
F217	130097		0.229	0.000	0.133	0.057	0.038	0.000	0.909	0.902	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F218	130110	*	0.220	0.000	0.094	0.036	0.063	0.026	0.033	0.033	0.000	0.000	0.000	0.000	0.000	0.046	0.017	0.029	0.000
F219	130114		0.070	0.000	0.070	0.000	0.000	0.000	0.088	0.088	0.000	0.000	0.000	0.000	0.000	0.018	0.018	0.000	0.000
F220	130115		0.196	0.000	0.169	0.027	0.000	0.000	0.173	0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ground Scar South of the Auto Craft Shop																			
G221	129855		0.261	0.000	0.110	0.083	0.044	0.023	0.298	0.242	0.023	0.033	0.000	0.000	0.000	0.041	0.024	0.016	0.000
G222	129856		0.228	0.000	0.082	0.083	0.042	0.022	0.149	0.132	0.000	0.016	0.000	0.000	0.000	0.011	0.000	0.011	0.000
G223	129859	**	0.417	0.052	0.200	0.055	0.077	0.034	1.076	0.932	0.092	0.052	0.000	0.000	0.000	0.045	0.016	0.029	0.000
G224	129860		0.271	0.000	0.106	0.089	0.047	0.029	0.295	0.268	0.007	0.020	0.000	0.000	0.000	0.037	0.017	0.020	0.000
G225	129861		0.220	0.000	0.088	0.063	0.051	0.018	0.233	0.186	0.018	0.030	0.000	0.000	0.000	0.012	0.000	0.012	0.000
G226	129862		0.459	0.000	0.135	0.178	0.092	0.054	0.414	0.360	0.021	0.032	0.000	0.000	0.000	0.113	0.069	0.044	0.000
G227	129869	*	0.672	0.000	0.237	0.228	0.140	0.067	0.571	0.359	0.195	0.016	0.000	0.000	0.000	0.331	0.186	0.144	0.000
G228	129870		0.142	0.021	0.057	0.029	0.035	0.000	0.112	0.082	0.012	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G229	129857	**	0.608	0.124	0.219	0.075	0.132	0.058	0.119	0.069	0.027	0.023	0.054	0.039	0.015	0.080	0.025	0.056	0.000
G230	129858	**	0.586	0.072	0.207	0.167	0.093	0.047	0.313	0.275	0.016	0.022	0.000	0.000	0.000	0.028	0.010	0.018	0.000
G231	129867	**	0.844	0.147	0.259	0.143	0.210	0.085	0.169	0.103	0.036	0.030	0.088	0.061	0.027	0.120	0.032	0.088	0.000
G232	129868	**	0.674	0.133	0.219	0.087	0.161	0.073	0.222	0.118	0.058	0.045	0.076	0.053	0.023	0.109	0.032	0.077	0.000
G233	129871		0.096	0.000	0.051	0.027	0.019	0.000	0.092	0.086	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G234	129872	**	0.659	0.135	0.207	0.099	0.153	0.066	0.144	0.087	0.030	0.026	0.061	0.048	0.013	0.095	0.026	0.069	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	BTEX, ug 0.020	BENZ, ug 0.020	TOL, ug 0.140	EtBENZ, ug 0.020	mpXYL, ug 0.030	oXYL, ug 0.020	C11, C13, &C15, ug 0.020	UNDEC, ug 0.020	TRIDEC, ug 0.030	PENTADEC, ug 0.040	NAPH &2-MN, ug 0.030	NAPH, ug 0.030	2MeNAPH, ug 0.050	TMBs, ug 0.020	135TMB, ug 0.020	124TMB, ug 0.020	t12DCE, ug 0.160
Ground Scar/Pit																			
H241	130121		0.176	0.000	0.113	0.022	0.025	0.016	0.214	0.214	0.000	0.000	0.000	0.000	0.000	0.046	0.026	0.020	0.000
H242	130120	*	0.545	0.126	0.250	0.081	0.055	0.034	0.222	0.222	0.000	0.000	0.000	0.000	0.000	0.034	0.014	0.019	0.000
H243	130124		0.135	0.000	0.104	0.031	0.000	0.000	0.267	0.267	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H244	130125		0.304	0.000	0.160	0.069	0.045	0.029	0.324	0.324	0.000	0.000	0.000	0.000	0.000	0.043	0.023	0.020	0.000
H245	130126		0.244	0.000	0.146	0.034	0.037	0.027	0.623	0.623	0.000	0.000	0.019	0.019	0.000	0.045	0.024	0.020	0.000
H246	130127		0.064	0.000	0.064	0.000	0.000	0.000	0.157	0.157	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H247	130119		0.447	0.000	0.308	0.053	0.054	0.034	0.051	0.048	0.003	0.000	0.000	0.000	0.000	0.096	0.045	0.051	0.000
H248	130118		0.171	0.000	0.116	0.019	0.021	0.014	0.471	0.471	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.013	0.000
H249	130122	*	0.235	0.077	0.104	0.022	0.032	0.000	0.015	0.015	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.015	0.000
H250	130123		0.085	0.037	0.048	0.000	0.000	0.000	0.034	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ground Scar at S end of the Confidence Course																			
I251	130071		0.203	0.038	0.105	0.030	0.030	0.000	0.056	0.056	0.000	0.000	0.000	0.000	0.000	0.049	0.033	0.017	0.000
I252	130074		0.049	0.000	0.049	0.000	0.000	0.000	0.025	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I253	130078		0.225	0.000	0.143	0.044	0.038	0.000	0.136	0.132	0.000	0.004	0.000	0.000	0.000	0.034	0.019	0.015	0.000
I254	130072		0.059	0.000	0.059	0.000	0.000	0.000	0.027	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I255	130079		0.438	0.000	0.208	0.114	0.074	0.043	0.099	0.066	0.033	0.000	0.000	0.000	0.000	0.089	0.048	0.041	0.000
I256	130076		0.108	0.000	0.085	0.023	0.000	0.000	0.059	0.055	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I257	130073		0.046	0.000	0.046	0.000	0.000	0.000	0.034	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I258	130080		0.042	0.000	0.042	0.000	0.000	0.000	0.021	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I259	130077		0.120	0.000	0.090	0.030	0.000	0.000	0.119	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I260	130075		0.051	0.000	0.051	0.000	0.000	0.000	0.023	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ground Scar with Trenches																			
J261	129976		0.305	0.000	0.126	0.086	0.057	0.036	0.292	0.289	0.004	0.000	0.000	0.000	0.000	0.099	0.066	0.033	0.000
J262	129977		0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J263	129978		0.036	0.000	0.036	0.000	0.000	0.000	0.018	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J264	129979		0.054	0.000	0.054	0.000	0.000	0.000	0.032	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J265	129980		0.049	0.000	0.049	0.000	0.000	0.000	0.023	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J266	129981		0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J267	129983		0.106	0.000	0.051	0.030	0.025	0.000	0.014	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J268	129985		0.180	0.000	0.065	0.062	0.034	0.018	0.040	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J269	129986		0.140	0.000	0.063	0.047	0.030	0.000	0.039	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J270	129987		0.130	0.000	0.061	0.043	0.026	0.000	0.041	0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J271	129836		0.117	0.000	0.065	0.032	0.020	0.000	0.191	0.183	0.000	0.008	0.000	0.000	0.000	0.011	0.000	0.011	0.000
J272	129837		0.135	0.000	0.071	0.038	0.026	0.000	0.138	0.086	0.026	0.027	0.000	0.000	0.000	0.025	0.012	0.012	0.000
J273	129840		0.112	0.000	0.059	0.032	0.022	0.000	0.068	0.054	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J274	129841		0.742	0.000	0.257	0.255	0.138	0.092	0.477	0.442	0.008	0.026	0.000	0.000	0.000	0.097	0.053	0.044	0.000

SAMPLE LOC.	MODULE NUMBER MDL =	NOTES	BTEX, ug 0.020	BENZ, ug 0.020	TOL, ug 0.140	EtBENZ, ug 0.020	mpXYL, ug 0.030	oXYL, ug 0.020	C11, C13, &C15, ug 0.020	UNDEC, ug 0.020	TRIDEC, ug 0.030	PENTADEC, ug 0.040	NAPH &2-MN, ug 0.030	NAPH, ug 0.030	2MeNAPH, ug 0.050	TMBs, ug 0.020	135TMB, ug 0.020	124TMB, ug 0.020	t12DCE, ug 0.160
J275	129842		0.089	0.000	0.046	0.027	0.016	0.000	0.157	0.140	0.004	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J276	129843		0.153	0.000	0.082	0.044	0.027	0.000	0.107	0.061	0.019	0.027	0.000	0.000	0.000	0.060	0.033	0.027	0.000
J277	129844		0.088	0.000	0.063	0.025	0.000	0.000	0.152	0.085	0.029	0.038	0.000	0.000	0.000	0.006	0.000	0.006	0.000
J278	129845		0.479	0.000	0.116	0.200	0.103	0.060	0.361	0.305	0.027	0.030	0.000	0.000	0.000	0.050	0.026	0.024	0.000
J279	129852		0.188	0.000	0.092	0.056	0.040	0.000	0.115	0.104	0.000	0.010	0.000	0.000	0.000	0.008	0.000	0.008	0.000
J280	129851		0.161	0.000	0.071	0.058	0.032	0.000	0.109	0.098	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J281	129850		0.392	0.000	0.160	0.114	0.073	0.044	0.268	0.232	0.018	0.019	0.000	0.000	0.000	0.090	0.053	0.036	0.000
J282	129849		0.212	0.000	0.113	0.065	0.034	0.000	0.076	0.056	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J283	129848		0.279	0.000	0.089	0.111	0.056	0.023	0.207	0.199	0.003	0.005	0.000	0.000	0.000	0.008	0.000	0.008	0.000
J284	129847		0.272	0.000	0.106	0.088	0.048	0.031	0.361	0.345	0.012	0.005	0.000	0.000	0.000	0.033	0.015	0.018	0.000
J285	129839		0.201	0.000	0.088	0.062	0.034	0.018	0.320	0.233	0.047	0.040	0.000	0.000	0.000	0.029	0.014	0.014	0.000
J286	129838		0.459	0.000	0.140	0.183	0.085	0.051	0.217	0.206	0.000	0.011	0.000	0.000	0.000	0.050	0.027	0.023	0.000
J287	129853		0.184	0.000	0.085	0.041	0.037	0.021	0.266	0.227	0.013	0.025	0.000	0.000	0.000	0.058	0.029	0.029	0.000
J288	129854		0.456	0.000	0.191	0.140	0.082	0.044	0.954	0.777	0.114	0.062	0.054	0.035	0.020	0.063	0.026	0.037	0.000
J289	129982		0.183	0.000	0.087	0.042	0.032	0.021	0.111	0.111	0.000	0.000	0.000	0.000	0.000	0.063	0.040	0.023	0.000
J290	129846		0.325	0.000	0.133	0.100	0.054	0.038	0.309	0.286	0.010	0.013	0.000	0.000	0.000	0.066	0.041	0.025	0.000
Boiler Plant # 1																			
K291	129993		0.111	0.000	0.055	0.032	0.024	0.000	0.008	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
K292	129994		0.137	0.000	0.068	0.040	0.028	0.000	0.274	0.256	0.017	0.000	0.000	0.000	0.000	0.028	0.010	0.017	0.000
K293	129995		0.087	0.000	0.061	0.000	0.026	0.000	0.018	0.018	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.000
K294	129996		0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
K295	129997		0.454	0.000	0.082	0.028	0.228	0.116	0.510	0.206	0.123	0.181	0.062	0.037	0.025	0.036	0.015	0.021	0.000
Area T-38																			
L296	129998	*	0.785	0.593	0.138	0.000	0.038	0.017	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.029	0.000	0.029	9.467
L297	129999		0.030	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
L298	130000	*	0.823	0.685	0.113	0.000	0.025	0.000	0.123	0.016	0.107	0.000	0.000	0.000	0.000	0.014	0.000	0.014	1.855
L299	130001		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pine Chip Control Sample																			
	130002	***	0.879	0.000	0.734	0.066	0.049	0.031	0.138	0.058	0.073	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	11DCA, ug 0.050	c12DCE, ug 0.030	CHCl3, ug 0.040	PCE, ug 0.030	111TCA, ug 0.080	12DCA, ug 0.020	MTBE, ug 0.260	CCl4, ug 0.040	TCE, ug 0.010	OCT, ug 0.030	CIBENZ, ug 0.030	14DCB, ug 0.030
Chemical School Lab Sump														
A001	129877		0.000	0.000	0.489	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A002	129878		0.000	0.000	0.291	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A003	129879		0.000	0.000	0.130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A004	129880		0.000	0.000	0.185	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A005	129873		0.000	0.000	0.533	0.000	1.294	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A006	129874		0.000	0.000	0.000	0.000	8.027	0.309	0.000	0.000	0.000	0.000	0.000	0.000
A007	129875		0.000	0.000	0.199	0.000	0.950	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A008	129876		0.000	0.000	0.444	0.000	0.759	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sandel Flame Range														
B009	129975		0.000	0.000	0.455	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B010	129966		0.000	0.000	0.152	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B011	129974		0.000	0.000	0.859	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B012	129967		0.000	0.000	0.179	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B013	129973		0.000	0.000	0.121	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B014	129971		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B015	129972		0.000	0.000	0.764	0.000	0.000	0.000	0.000	0.000	0.000	0.085	0.000	0.000
B016	129968		0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B017	129969	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B018	129970		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.122	0.000	0.000
B019	129911	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.102	0.000	0.000
B020	129912		0.000	0.000	0.078	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B021	129913		0.000	0.000	0.000	0.084	0.000	0.000	0.000	0.000	0.000	0.043	0.000	0.000
B022	129922		0.000	0.000	0.078	0.189	0.000	0.000	0.000	0.000	0.000	0.077	0.000	0.000
B023	129923		0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B024	129924		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B025	129925		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107	0.000	0.000
B026	129926	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.134	0.000	0.000
B027	129927	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.076	0.000	0.000
B028	129935	*	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B029	129914	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.121	0.000	0.000
B030	129915		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.051	0.000	0.000
B031	129916		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B032	129917		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B033	129918	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B034	129919	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.198	0.000	0.000
B035	129920	*	0.000	0.000	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.051	0.000	0.000
B036	129921		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B037	129933		0.000	0.000	0.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	11DCA, ug 0.050	c12DCE, ug 0.030	CHCl3, ug 0.040	PCE, ug 0.030	111TCA, ug 0.080	12DCA, ug 0.020	MTBE, ug 0.260	CCl4, ug 0.040	TCE, ug 0.010	OCT, ug 0.030	ClBENZ, ug 0.030	14DCB, ug 0.030
B038	129934		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B039	129954	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.177	0.000	0.000
B040	129955	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B042	129942	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.187	0.000	0.000
B043	129941		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.111	0.000	0.000
B044	129940	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.104	0.000	0.000
B045	129939		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B046	129938	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B047	129937	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.163	0.000	0.000
B048	129936		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B049	129953		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B050	129952		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B051	129951		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.083	0.000	0.000
B052	129950		0.000	0.000	0.115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B053	129949	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.167	0.000	0.000
B054	129948	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.140	0.000	0.000
B055	129947	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.153	0.000	0.000
B056	129946	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.000	0.000
B057	129945		0.000	0.000	0.171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B058	129944		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.053	0.000	0.000
B059	129956		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.064	0.000	0.000
B061	129958	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.151	0.000	0.000
B062	129959		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.045	0.000	0.000
B063	129961	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B065	129962	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.111	0.000	0.000
B066	129963		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.078	0.000	0.000
B067	129964		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B068	129965		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.077	0.000	0.000
Former DPDO														
C069	130020		0.000	0.000	0.234	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C070	130021		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C071	130023		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C072	130022		0.000	0.000	0.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C073	130035		0.000	0.000	0.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C074	130036		0.000	0.000	0.127	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C075	130037		0.000	0.000	0.550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C076	130038		0.000	0.000	0.380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C077	130039	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.095	0.000	0.000
C078	130040		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	11DCA, ug 0.050	c12DCE, ug 0.030	CHCl3, ug 0.040	PCE, ug 0.030	111TCA, ug 0.080	12DCA, ug 0.020	MTBE, ug 0.260	CCl4, ug 0.040	TCE, ug 0.010	OCT, ug 0.030	ClBENZ, ug 0.030	14DCB, ug 0.030
C079	130042	**	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C080	130043		0.000	0.000	0.275	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C080	130007		0.000	0.000	0.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C081	130008		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C082	130009		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.140	0.000	0.000
C083	130010		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C084	130017		0.000	0.000	0.099	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C085	130016		0.000	0.000	0.151	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C086	130015		0.000	0.000	0.172	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C087	130018		0.000	0.000	0.156	0.000	0.000	0.000	0.000	0.000	0.000	0.988	0.000	0.000
C088	130003		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C089	130004		0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C090	130005		0.000	0.000	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.000	0.000
C091	130006		0.000	0.000	0.111	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C092	130011		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.052	0.000	0.000
C093	130013		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C094	130014		0.000	0.000	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C095	130046		0.000	0.000	0.289	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C096	130045	*	0.000	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C097	130044		0.000	0.000	0.210	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C098	130047		0.000	0.000	0.373	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C099	130054	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.159	0.000	0.000
C100	130053		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.103	0.000	0.000
C101	130052	**	0.000	0.000	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.058	0.000	0.000
C102	130051		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.260	0.000	0.000
C103	130050	**	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C104	130049		0.000	0.000	0.349	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C105	130048		0.000	0.000	0.154	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C114	130024		0.000	0.000	0.708	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C115	130025		0.000	0.000	0.188	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C116	130026	*	0.000	0.000	0.463	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C117														
C118	130034		0.000	0.000	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	130033	missing												
Contractor Laydown Area														
D118	129881		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000
D119	129884		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.000	0.000
D120	129888		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.132	0.000	0.000
D121	130154		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058	0.000	0.000

SAMPLE LOC.	MODULE NUMBER MDL =	NOTES	11DCA, ug 0.050	c12DCE, ug 0.030	CHCl3, ug 0.040	PCE, ug 0.030	111TCA, ug 0.080	12DCA, ug 0.020	MTBE, ug 0.260	CCl4, ug 0.040	TCE, ug 0.010	OCT, ug 0.030	ClBENZ, ug 0.030	14DCB, ug 0.030
D122	129891		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.059	0.000	0.000
D123	129894		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000
D124	129897		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.094	0.000	0.000
D125	129900		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D126	129903		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D127	129906	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D128	129882		0.000	0.000	0.082	0.000	0.000	0.000	0.000	0.000	0.000	0.392	0.000	0.000
D129	129885		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D130	129889		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D131	129892		0.000	0.000	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.066	0.000	0.000
D132	129895		0.000	0.000	0.121	0.000	0.000	0.000	0.000	0.000	0.000	0.069	0.000	0.000
D133	129898		0.000	0.000	0.251	0.000	0.000	0.000	0.000	0.000	0.000	0.117	0.000	0.000
D134	129901		0.000	0.000	0.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D135	129904		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041	0.000	0.000
D136	129907		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D137	129883		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D138	129887		0.000	0.000	0.133	0.000	0.000	0.000	0.000	0.000	0.000	1.761	0.000	0.000
D139	129890		0.000	0.000	0.132	0.000	0.000	0.000	0.000	0.000	0.000	0.087	0.000	0.000
D140	129893		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.043	0.000	0.000
D141	129896		0.000	0.000	0.193	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D142	129899		0.000	0.000	0.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D143	129902		0.000	0.000	0.701	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D144	129905		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D145	129908		0.000	0.000	0.236	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D146	130151		0.000	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	12.230	0.000	0.000
D147	130150		0.000	0.000	0.195	0.000	0.000	0.000	0.000	0.000	0.000	0.313	0.000	0.000
D148	130166		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D149	130163		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.759	0.000	0.000
D150	130161		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D151	130159		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D152	130157		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D153	130155		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D154	130153		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D155	129909		0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.182	0.000	0.000
D156	130142		0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.115	0.000	0.000
D157	130145		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.304	0.000	0.000
D158	130149		0.000	0.000	0.125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D159	130165		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D160	130164	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.307	0.000	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	11DCA, ug 0.050	c12DCE, ug 0.030	CHCl3, ug 0.040	PCE, ug 0.030	111TCA, ug 0.080	12DCA, ug 0.020	MTBE, ug 0.260	CCl4, ug 0.040	TCE, ug 0.010	OCT, ug 0.030	ClBENZ, ug 0.030	14DCB, ug 0.030
D161	130162		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D162	130160		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D163	130158		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D164	130156		0.000	0.000	0.146	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D165	130143	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D166	130144		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D167	130146		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.115	0.000	0.000
D168	130147		0.000	0.000	0.076	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D169	130152	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.459	0.000	0.000
D170	130148		0.000	0.000	0.087	0.000	0.000	0.000	0.000	0.000	0.000	2.571	0.000	0.000
D171	129991		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D172	129990		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.270	0.000	0.000
D173	129989	no tag	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
D174	130167		0.000	0.000	0.078	0.000	0.000	0.000	0.000	0.000	0.000	0.869	0.000	0.000
D175	129992		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.099	0.000	0.000
Ground Scar at Bldg 3134														
E176	130055	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.072	0.000	0.000
E177	130056		0.000	0.000	0.222	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E178	130057		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.090	0.000	0.000
E179	130058		0.000	0.000	0.316	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E180	130059		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E181	130060	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.045	0.000	0.000
E182	130061	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.105	0.000	0.000
E183	130062		0.000	0.000	0.267	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E184	130063		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.077	0.000	0.000
E185	130064		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.000	0.000
E186	130066		0.000	0.000	0.128	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E187	130067		0.000	0.000	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.064	0.000	0.000
E188	130068		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E189	130069	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.062	0.000	0.000
E190	130070	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ground Scar Near ASP														
F191	130081		0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.048	0.000	0.000
F192	130082		0.000	0.000	0.219	0.000	0.000	0.000	0.000	0.000	0.000	0.056	0.000	0.000
F193	130083		0.000	0.000	0.104	0.000	0.000	0.000	0.000	0.000	0.000	0.092	0.000	0.000
F194	130084		0.000	0.000	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.000	0.000
F195	130085		0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.114	0.000	0.000
F196	130087		0.000	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	11DCA, ug 0.050	c12DCE, ug 0.030	CHCl3, ug 0.040	PCE, ug 0.030	111TCA, ug 0.080	12DCA, ug 0.020	MTBE, ug 0.260	CCl4, ug 0.040	TCE, ug 0.010	OCT, ug 0.030	ClBENZ, ug 0.030	14DCB, ug 0.030
F197	130092		0.000	0.000	0.169	0.000	0.000	0.000	0.000	0.000	0.000	0.042	0.000	0.000
F198	130094	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F199	130095		0.000	0.000	1.234	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F200	130096		0.000	0.000	0.404	0.167	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F201	130098		0.000	0.000	0.078	0.000	0.000	0.000	0.008	0.000	0.000	0.221	0.000	0.000
F202	130099		0.000	0.000	0.245	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F203	130100		0.000	0.000	0.283	0.000	0.000	0.000	0.000	0.000	0.000	0.123	0.000	0.000
F204	130101		0.000	0.000	0.455	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F205	130102	*	0.000	0.000	0.236	0.324	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F206	130103		0.000	0.000	0.136	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F207	130104	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F208	130105	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F209	130106	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F210	130107	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F211	130108		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F212	130109	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F213	130111	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F214	130112	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F215	130113	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F216	130086		0.000	0.000	0.244	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F217	130097		0.000	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F218	130110	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F219	130114		0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
F220	130115		0.000	0.000	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ground Scar South of the Auto Craft Shop														
G221	129855		0.000	0.000	0.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G222	129856		0.000	0.000	0.165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G223	129859	**	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.107	0.000	0.000
G224	129860		0.000	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.000	0.056	0.000	0.000
G225	129861		0.000	0.000	0.069	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G226	129862		0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.079	0.000	0.000
G227	129869	*	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.112	0.000	0.000
G228	129870		0.000	0.000	0.158	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G229	129857	**	0.000	0.000	0.000	0.000	0.049	0.000	0.009	0.000	0.000	0.152	0.000	0.000
G230	129858	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.068	0.000	0.000
G231	129867	**	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.163	0.000	0.021
G232	129868	**	0.000	0.000	0.000	0.000	0.043	0.000	0.000	0.000	0.000	0.135	0.000	0.018
G233	129871		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G234	129872	**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.141	0.000	0.015

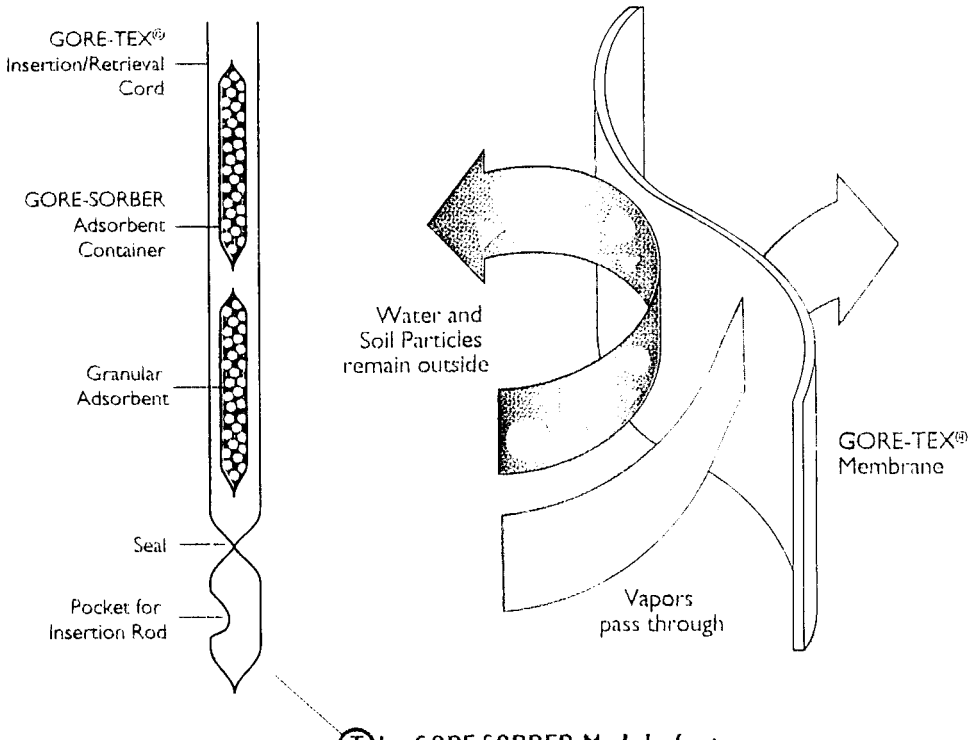
SAMPLE LOC	MODULE NUMBER MDL =	NOTES	11DCA, ug 0.050	c12DCE, ug 0.030	CHCl3, ug 0.040	PCE, ug 0.030	111TCA, ug 0.080	12DCA, ug 0.020	MTBE, ug 0.260	CCl4, ug 0.040	TCE, ug 0.010	OCT, ug 0.030	ClBENZ, ug 0.030	14DCB, ug 0.030
Ground Scar/Pit														
H241	130121		0.000	0.000	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H242	130120	*	0.000	0.000	0.106	0.000	0.000	0.000	0.000	0.000	0.000	0.212	0.000	0.000
H243	130124		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H244	130125		0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.000	0.000
H245	130126		0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H246	130127		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H247	130119		0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.062	0.000	0.000
H248	130118		0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H249	130122	*	0.000	0.000	0.132	0.000	0.000	0.000	0.000	0.000	0.000	0.076	0.000	0.000
H250	130123		0.000	0.000	0.077	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ground Scar at S. end of the Confidence Course														
I251	130071		0.000	0.000	0.841	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I252	130074		0.000	0.000	0.820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I253	130078		0.000	0.000	0.222	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I254	130072		0.000	0.000	0.266	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I255	130079		0.000	0.000	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.000	0.000
I256	130076		0.000	0.000	0.251	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I257	130073		0.000	0.000	0.527	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I258	130080		0.000	0.000	0.446	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I259	130077		0.000	0.000	0.573	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
I260	130075		0.000	0.000	0.186	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ground Scar with Trenches														
J261	129976		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.000	0.000
J262	129977		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J263	129978		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J264	129979		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J265	129980		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J266	129981		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J267	129983		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J268	129985		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J269	129986		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J270	129987		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J271	129836		0.000	0.000	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J272	129837		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J273	129840		0.000	0.000	0.295	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J274	129841		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.088	0.000	0.000

SAMPLE LOC	MODULE NUMBER MDL =	NOTES	11DCA, ug 0.050	c12DCE, ug 0.030	CHCl3, ug 0.040	PCE, ug 0.030	111TCA, ug 0.080	12DCA, ug 0.020	MTBE, ug 0.260	CCl4, ug 0.040	TCE, ug 0.010	OCT, ug 0.030	ClBENZ, ug 0.030	14DCB, ug 0.030
J275	129842		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J276	129843		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J277	129844		0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J278	129845		0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.000	0.000
J279	129852		0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000
J280	129851		0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J281	129850		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.084	0.000	0.000
J282	129849		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J283	129848		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.056	0.000	0.000
J284	129847		0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.045	0.000	0.000
J285	129839		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.043	0.000	0.000
J286	129838		0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.000	0.000
J287	129853		0.000	0.000	0.272	0.000	0.000	0.000	0.000	0.000	0.000	0.048	0.000	0.000
J288	129854		0.000	0.000	0.193	0.000	0.000	0.000	0.000	0.000	0.014	0.170	0.000	0.000
J289	129982		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.073	0.000	0.000
J290	129846		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.000	0.000
Boiler Plant # 1														
K291	129993		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
K292	129994		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
K293	129995		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
K294	129996		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
K295	129997		1.871	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.094	0.000	0.000
Area T-38														
L296	129998	*	0.000	24.102	1.248	7.830	0.000	0.000	0.000	11.832	269.280	0.000	0.000	0.000
L297	129999		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000
L298	130000	*	0.000	2.201	0.666	1.549	0.000	0.000	0.000	10.441	48.146	0.000	0.000	0.162
L299	130001		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pine Chip Control Sample														
	130002	***	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.133	0.000	0.000

Notes: * = Water in boring

** = Module pulled out of ground by unidentified animals prior to recovery

*** = Pine Chip Control Sample collected at request of BCT



The GORE SORBER Module features replicate sorbers for archiving or alternative analysis.

Figure 1-1
THE GORE-SORBER® MODULE

SOURCE: QST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

THIS PAGE INTENTIONALLY LEFT BLANK

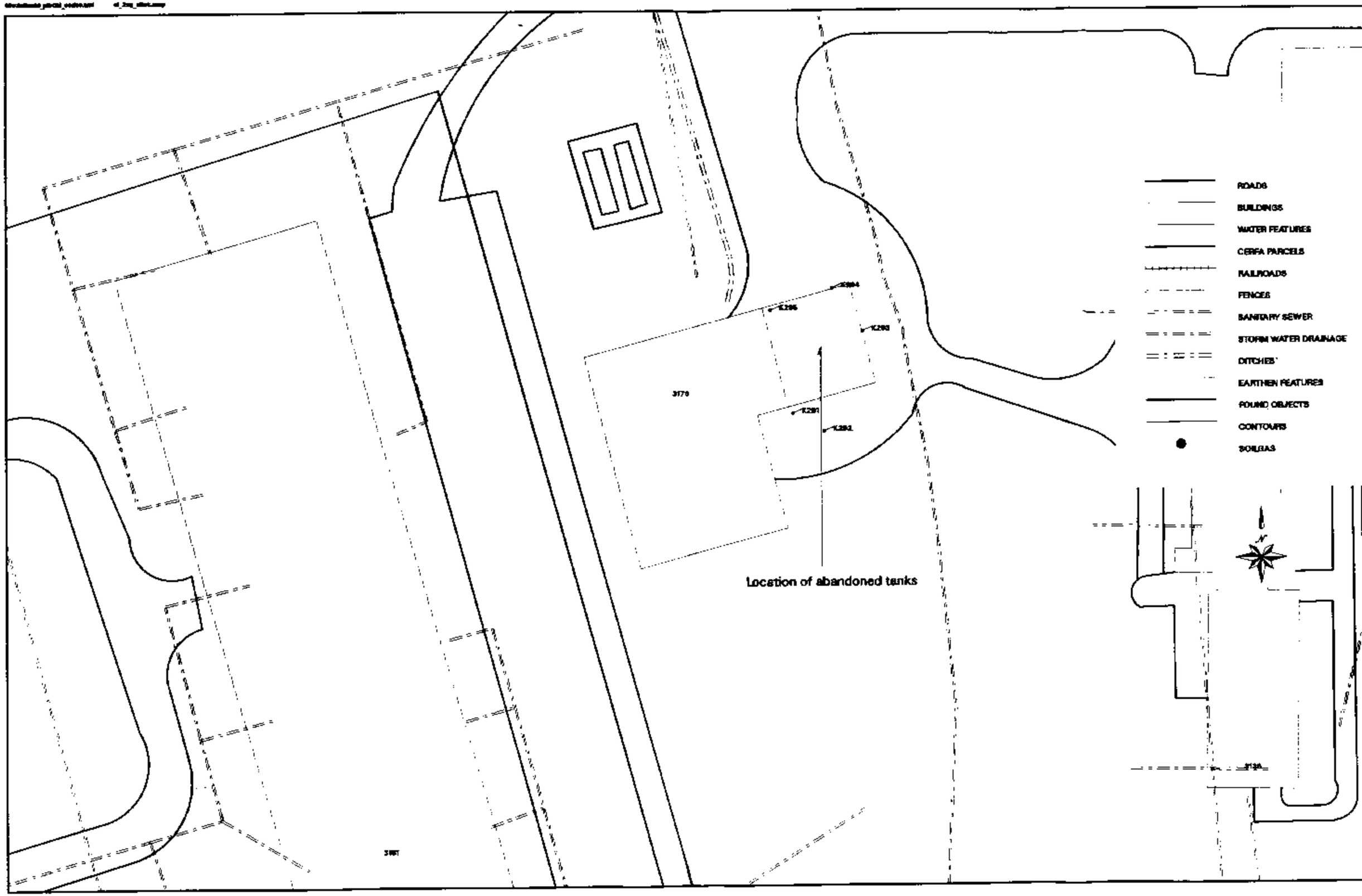


Figure 2.4 BOILER PLANT NO. 1 (BUILDING 3176) 1 INCH = 40 FEET

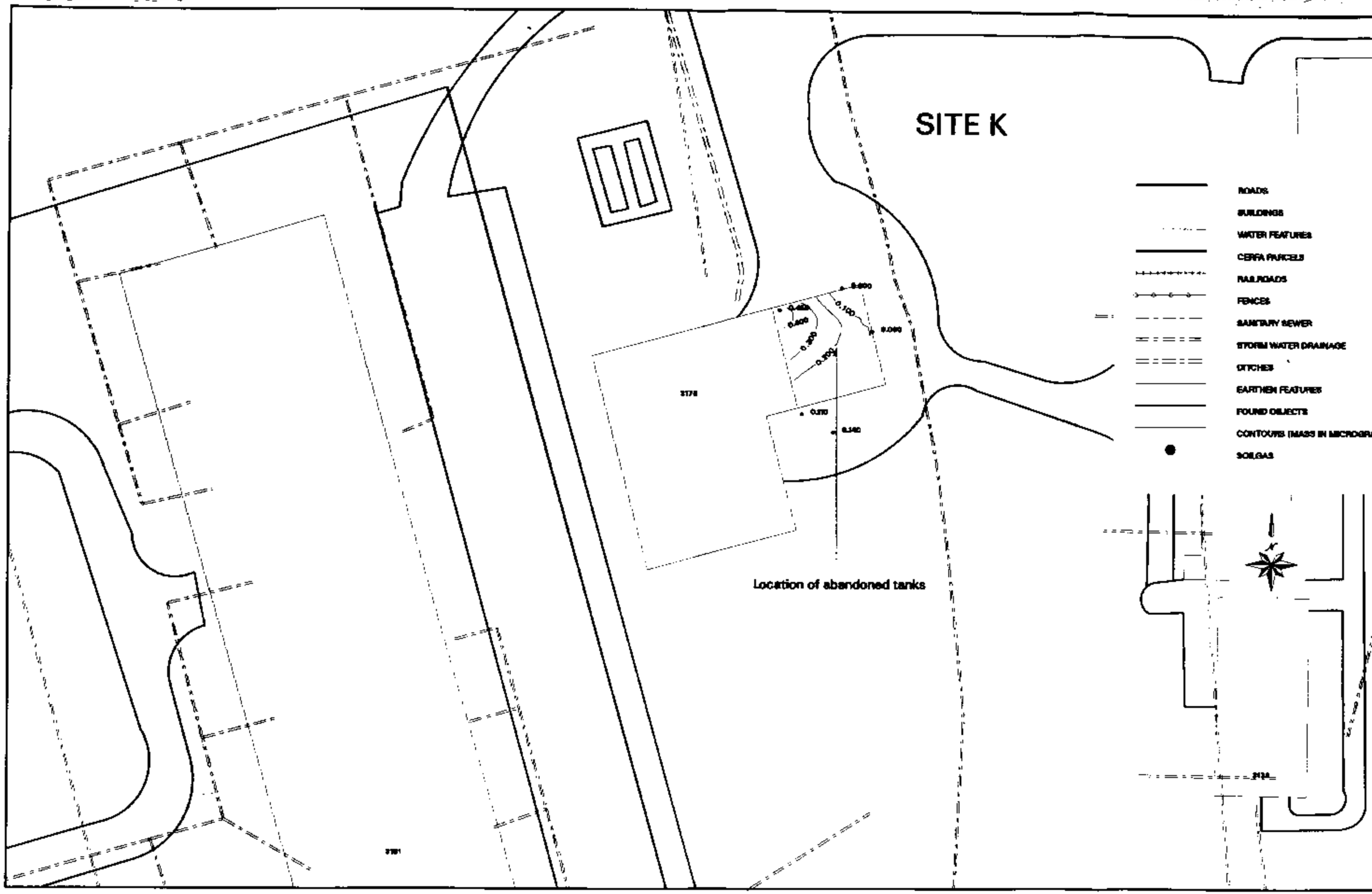


Figure 2-1a BTEX MASS IN SOIL GAS; BOILER PLANT NO. 1 (BLDG 3176)

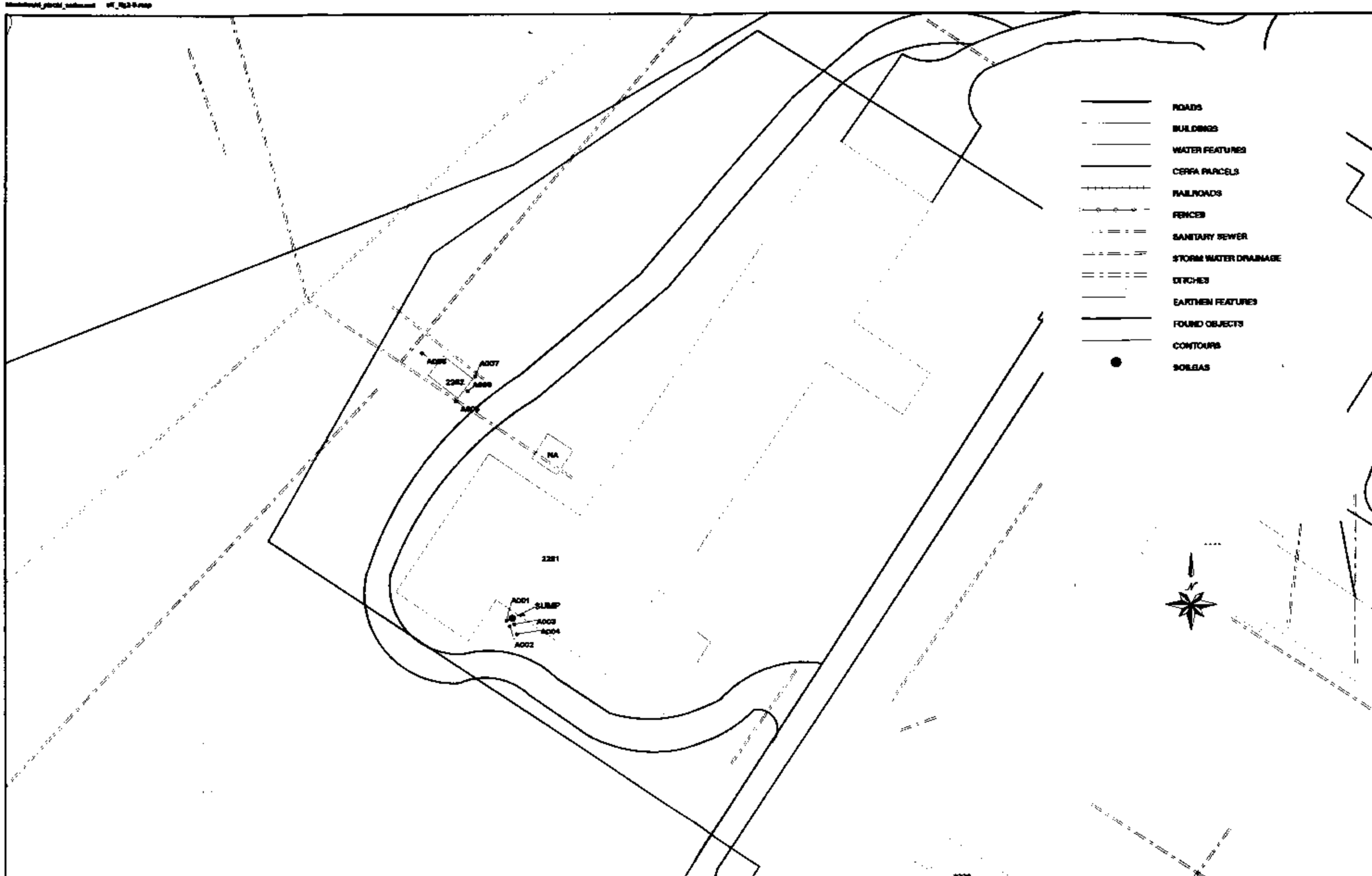
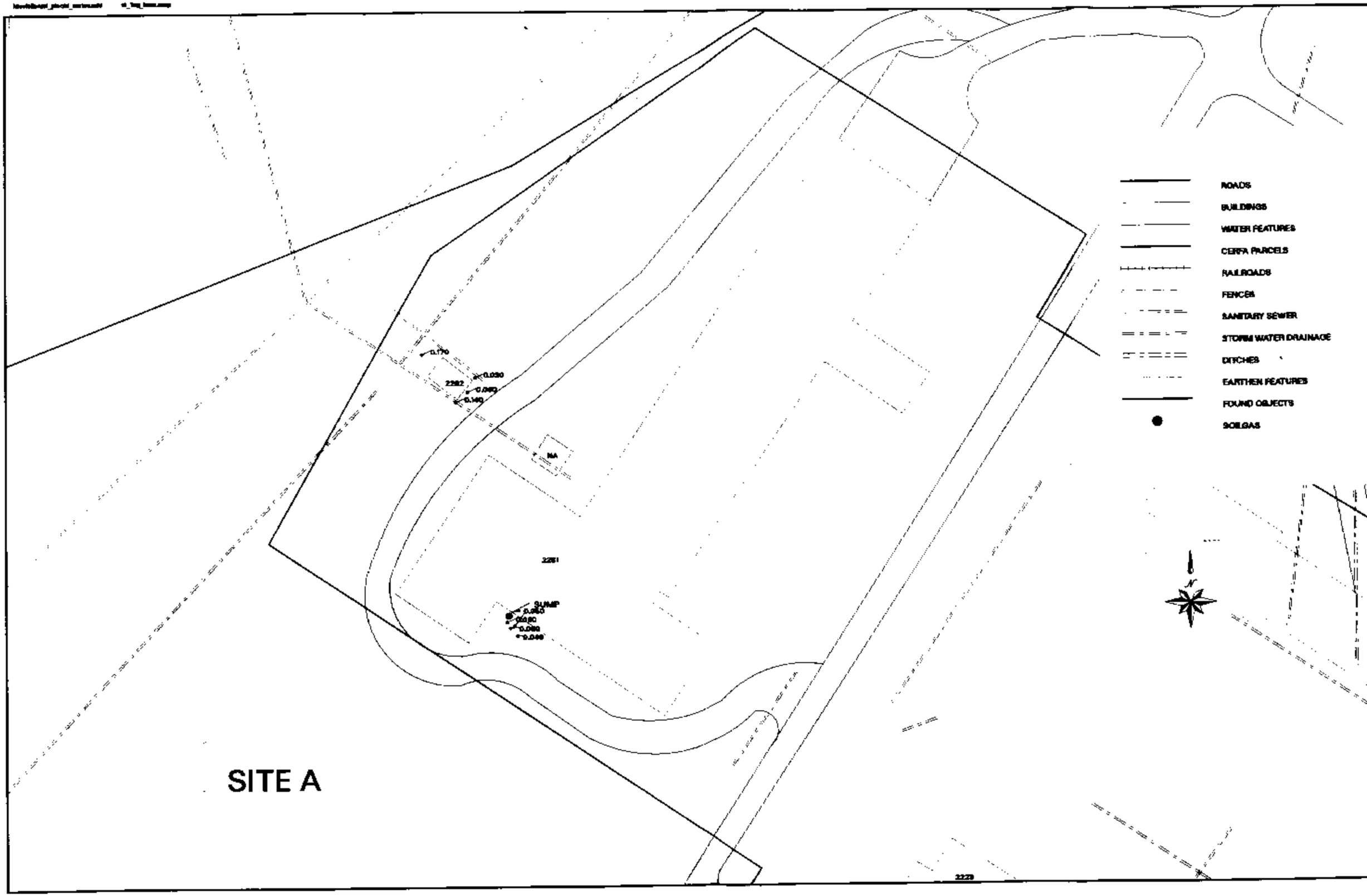


Figure 2-5 CHEM SCHOOL LAB SUMP (BUILDING 2281) 1 INCH = 50 FEET



STEX MASS IN SOIL GAS: CHEM SCHOOL LAB SUMP (BUILDING 2281) 1 INCH = 50 FEET

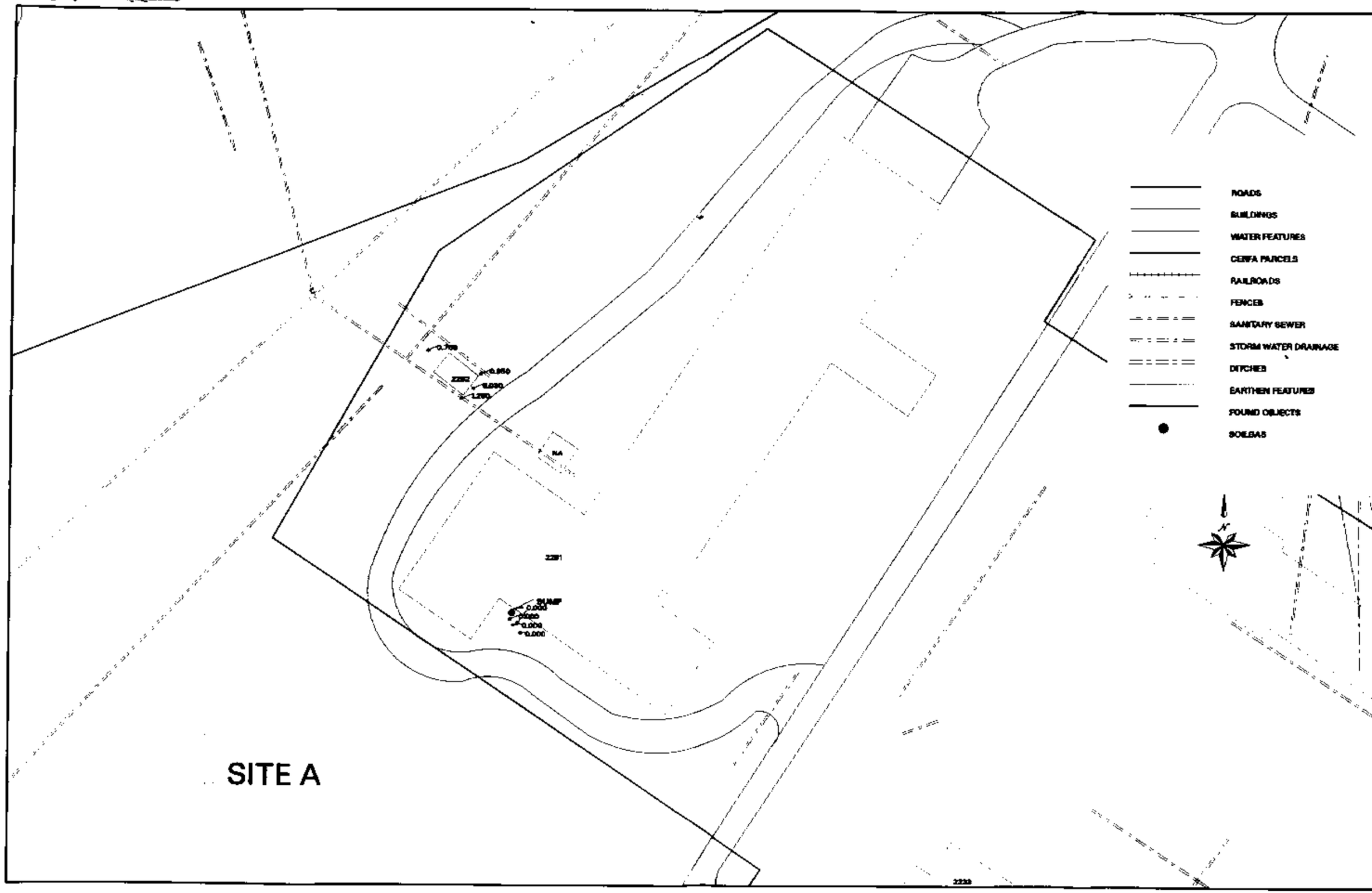
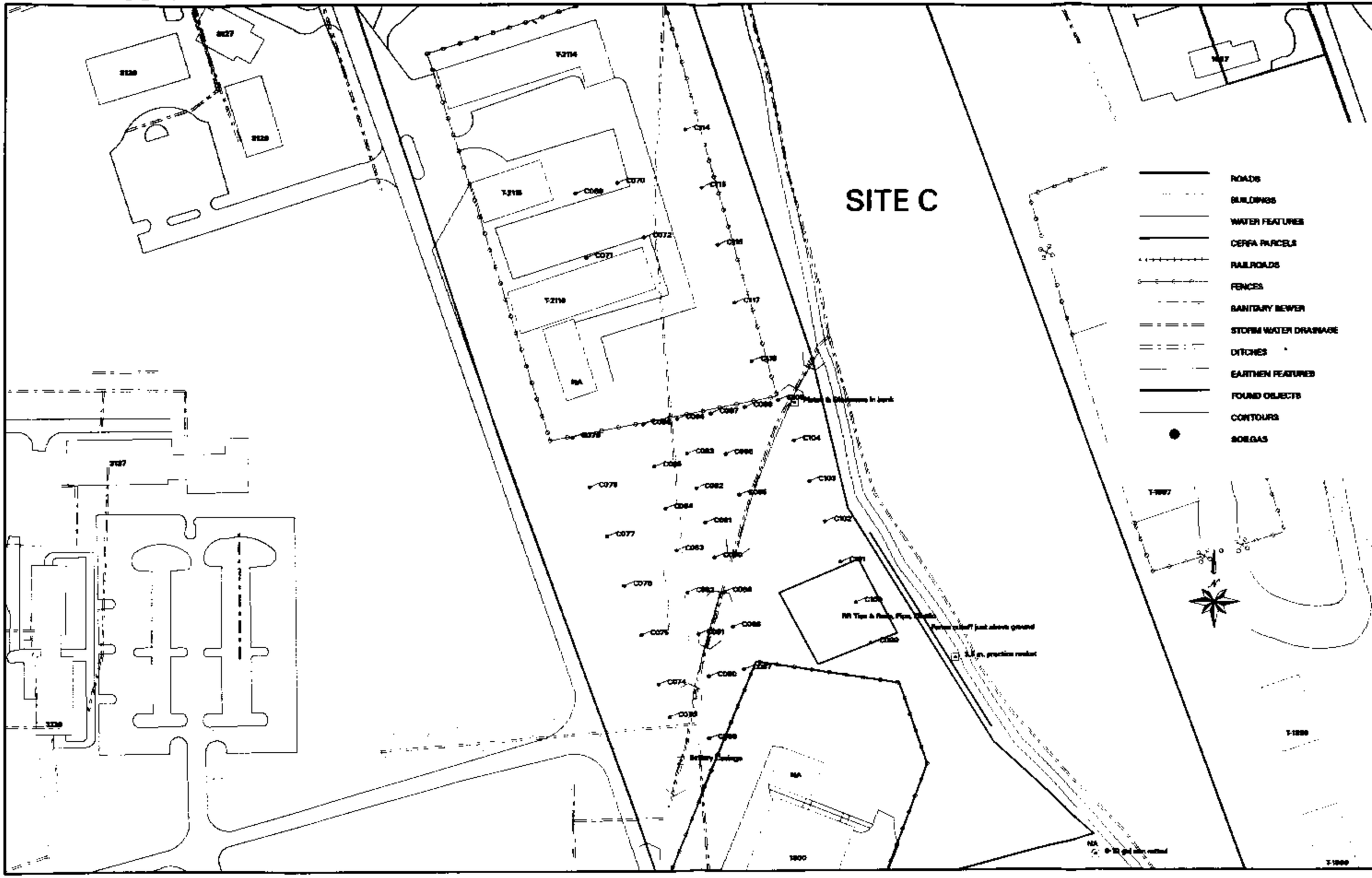
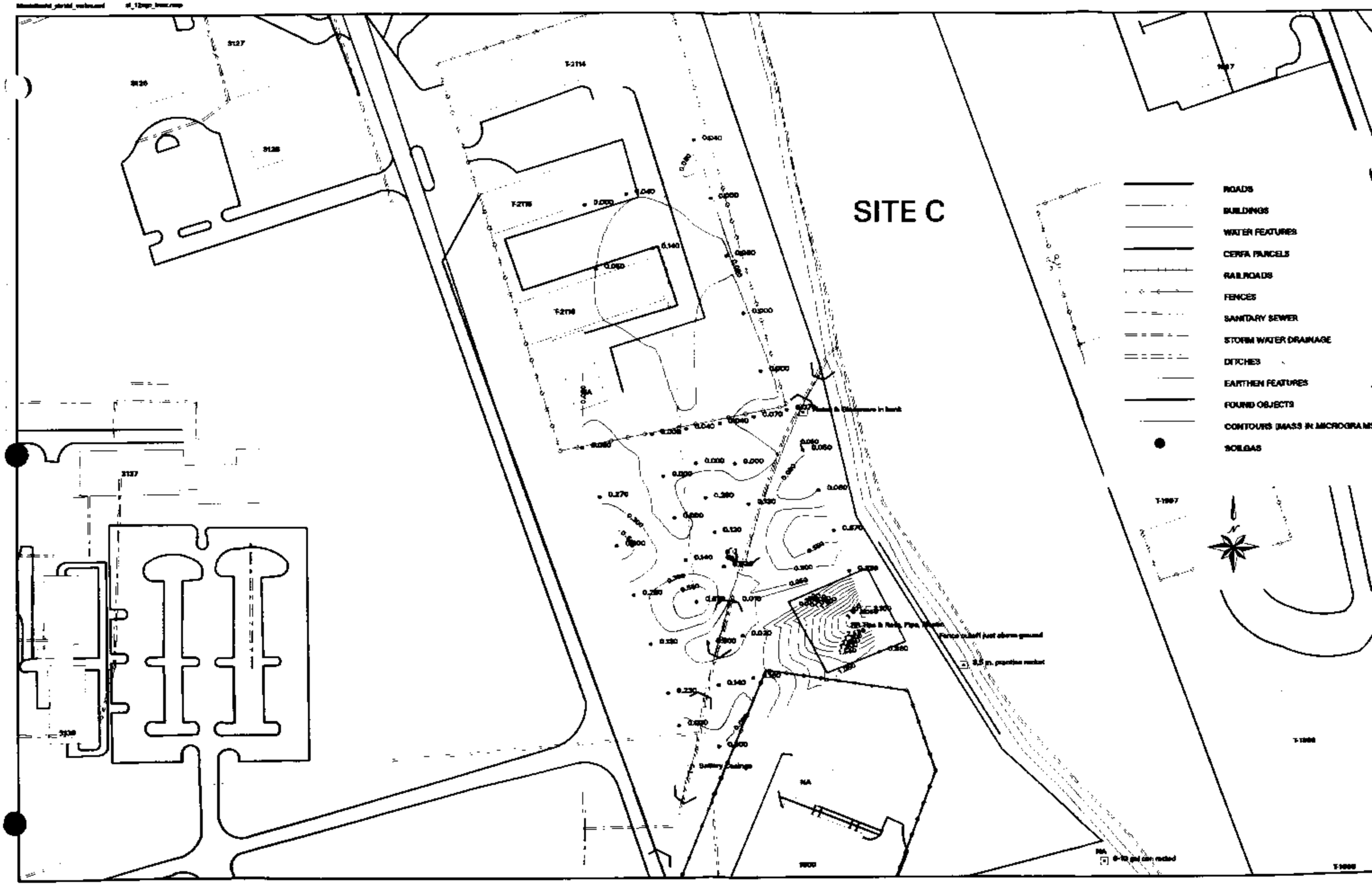


Figure 2-5b. 111 TCA MASS IN SOIL GAS: CHEM SCHOOL LAB SUMP (BUILDING 2281) 1 INCH = 50 FEET


SITE C
ROADS
BUILDINGS
WATER FEATURES
CERFA PARCELS
RAILROADS
FENCES
SANITARY SEWER
STORM WATER DRAINAGE
DITCHES
EARTHEN FEATURES
FOUND OBJECTS
CONTOURS
SOILGAS


SITE C
ROADS
BUILDINGS
WATER FEATURES
CERFA PARCELS
RAILROADS
FENCES
SANITARY SEWER
STORM WATER DRAINAGE
DITCHES
EARTHEN FEATURES
FOUND OBJECTS
CONTOURS (MASS IN MICROGRAMS
SOILGAS
N

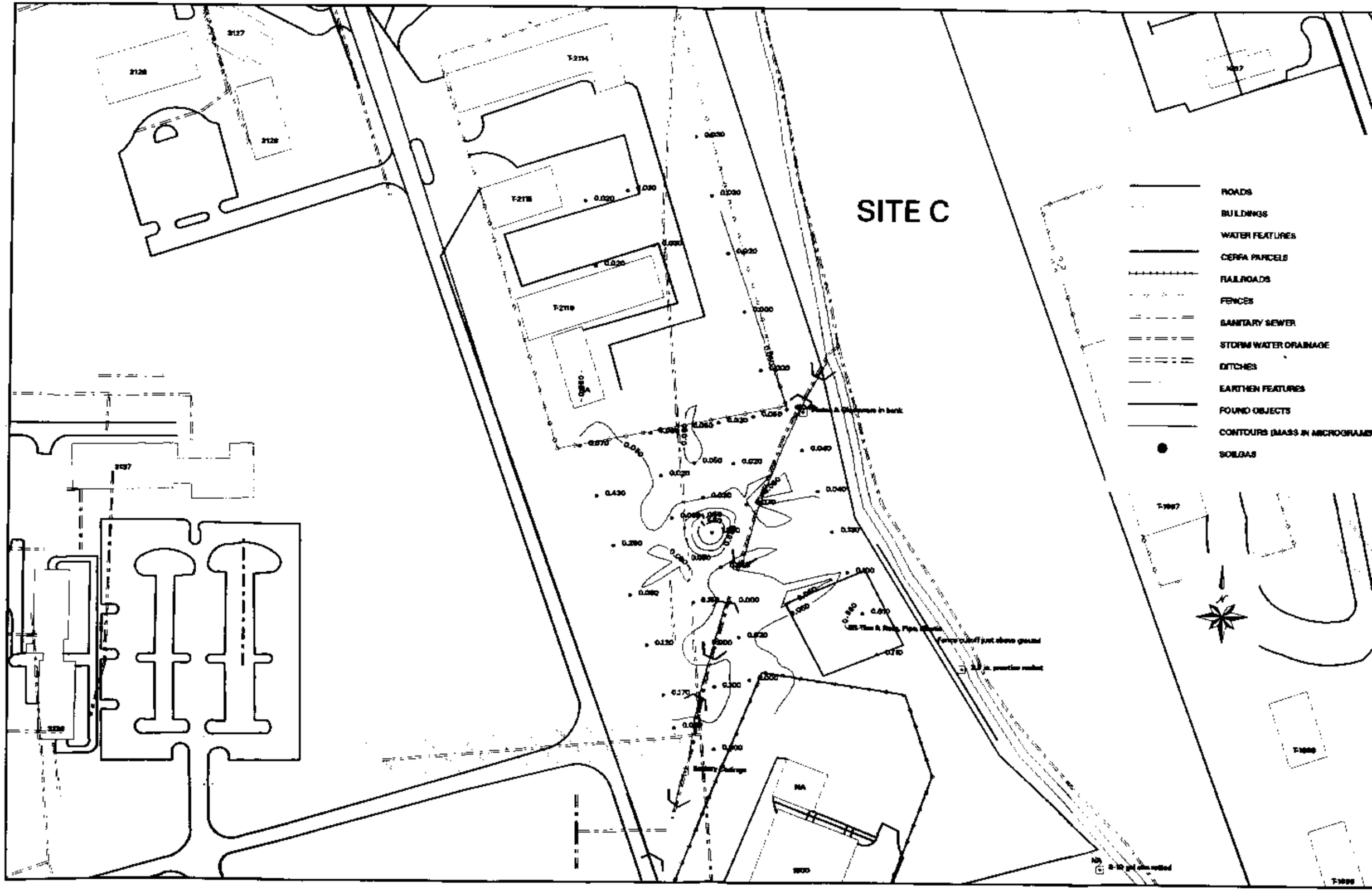


Figure 2-6b C11, C13 & C15 MASS IN SOIL GAS: FORMER DPDO SALVAGE YARD 1 INCH = 80 FEET

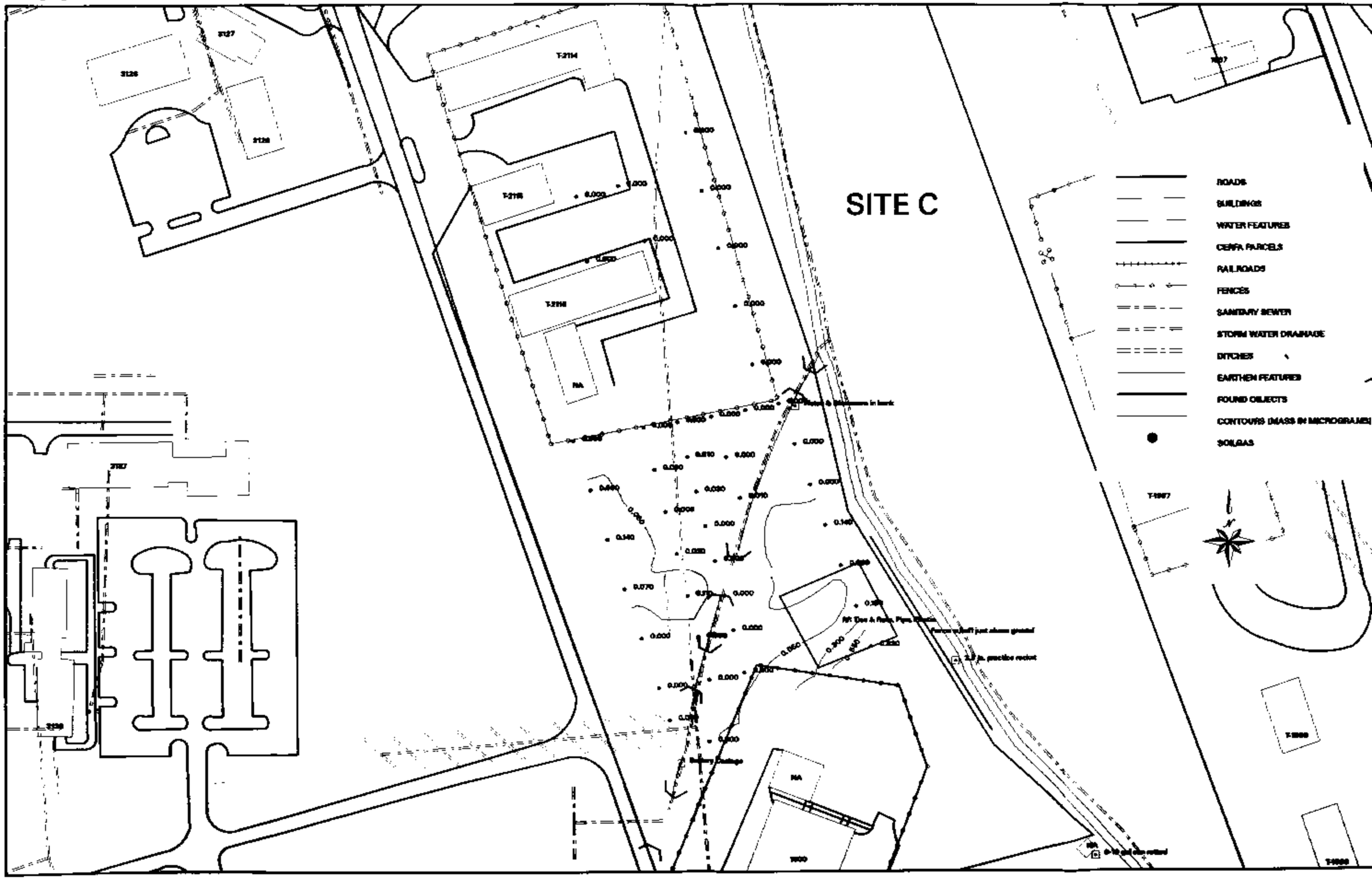


Figure 2-6c 1,3,5 & 1,2,4 TRIMETHYLBENZENE MASS IN SOIL GAS; FORMER DPDO SALVAGE YARD 1 INCH = 80 FEET

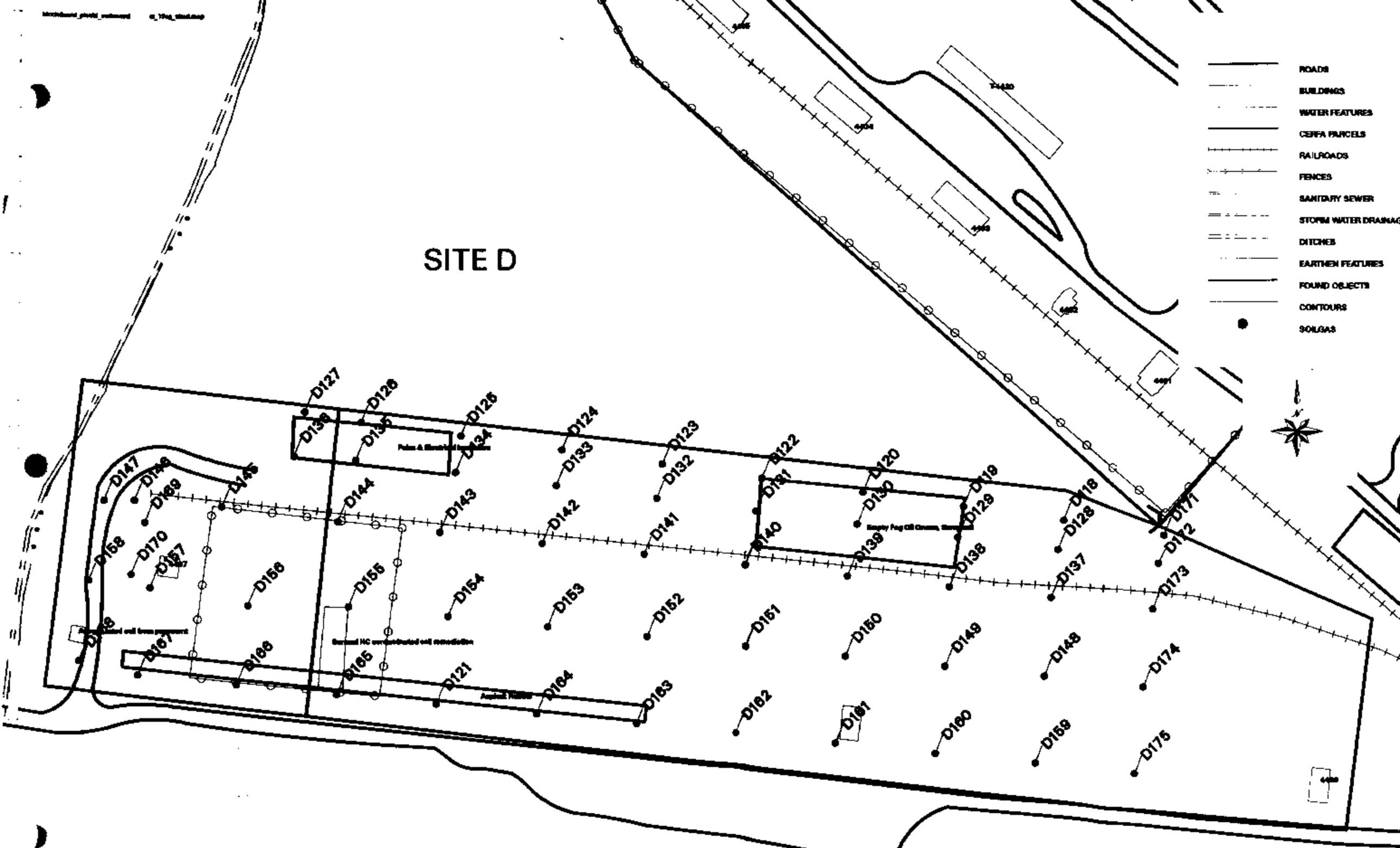


Fig. 2-9

CONTRACTOR LAYDOWN AREA AND FORMER TAR PLANT 1 INCH = 100 FEET

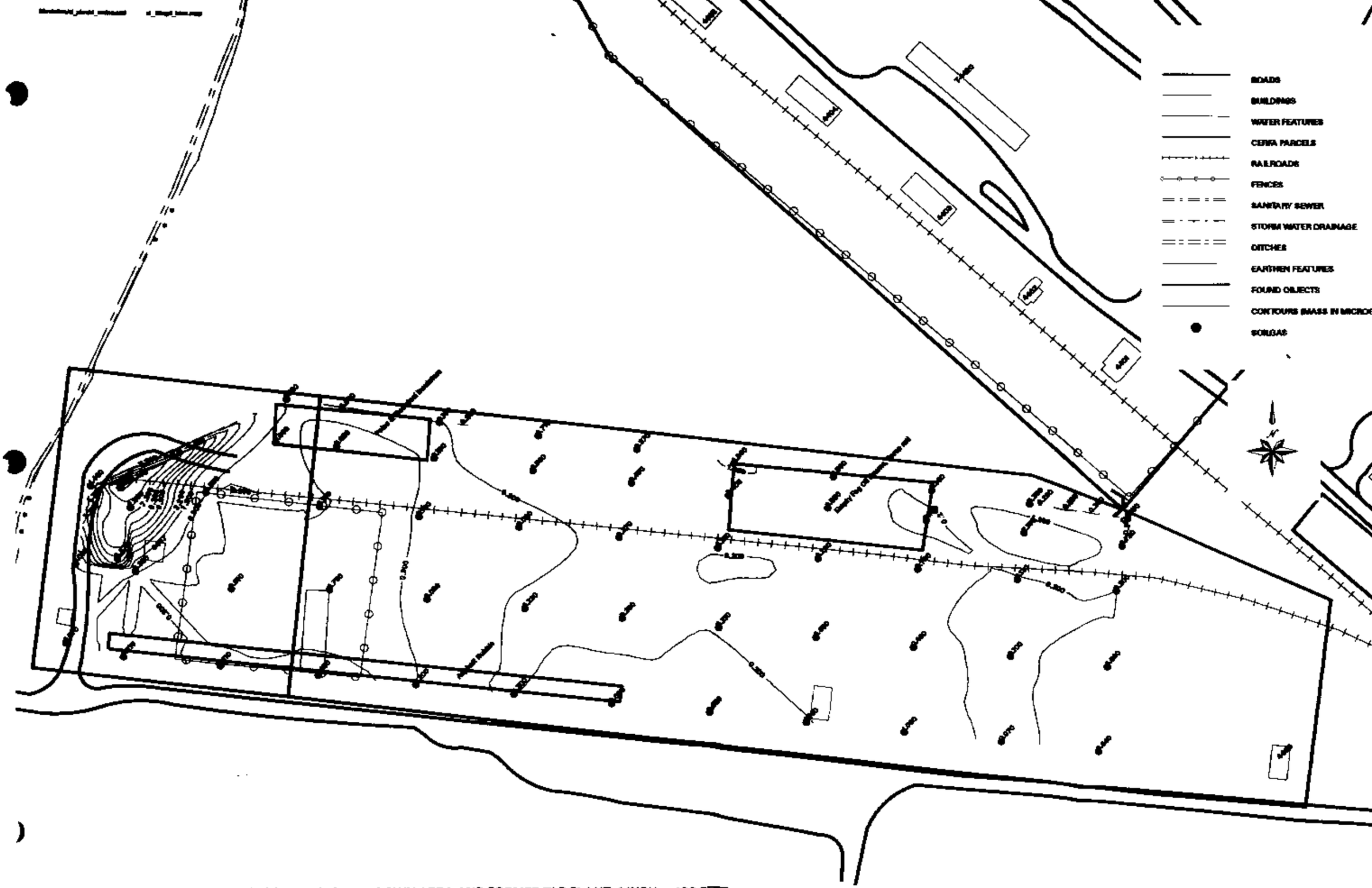


Figure 2.9: BTEX MASS IN SOIL GAS: CONTRACTOR LAYDOWN AREA AND FORMER TAR PLANT, 1 INCH = 100 FEET

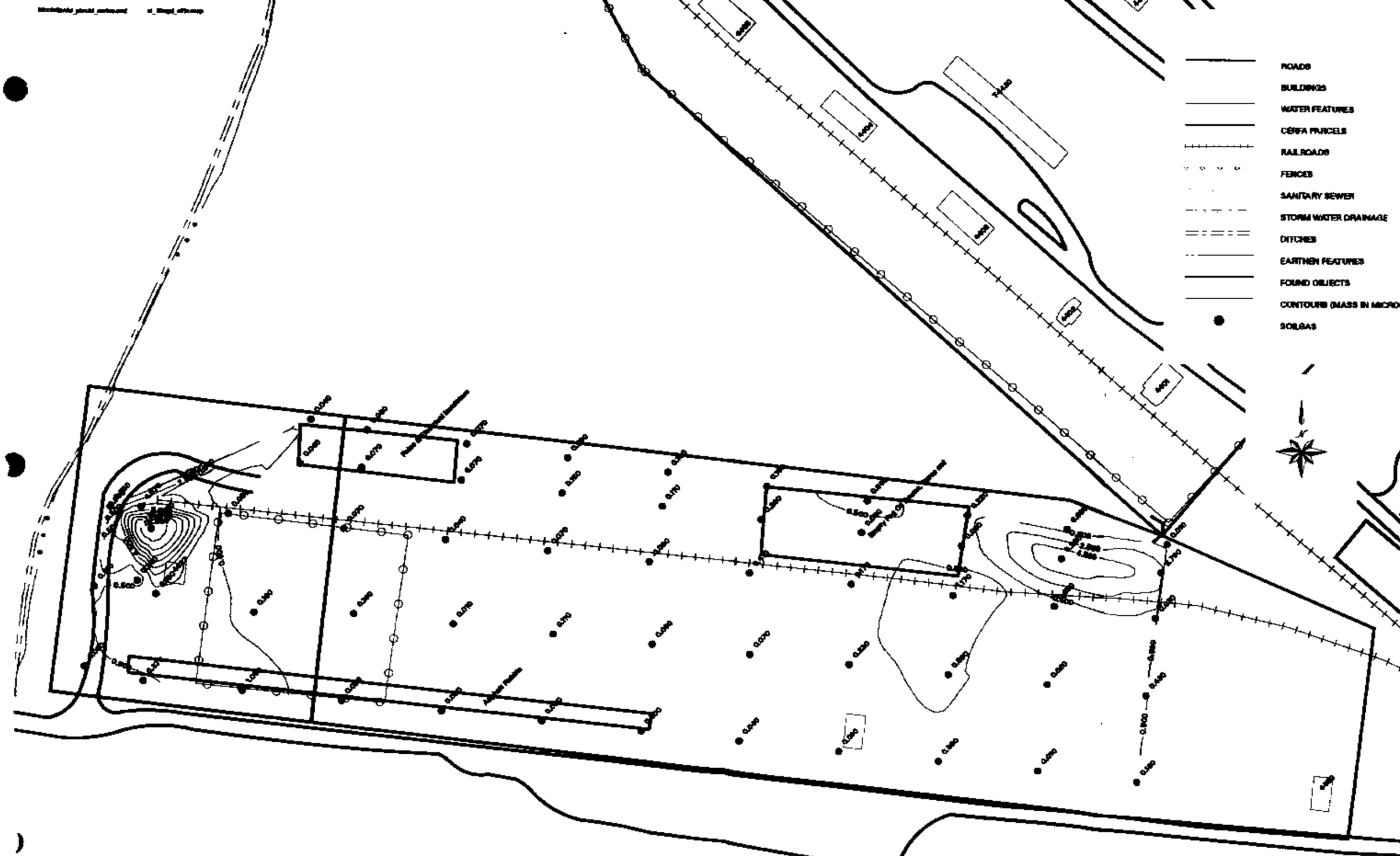


Figure 2-9b C11, C13 & C15 MASS IN SOIL GAS: CONTRACTOR LAYDOWN AREA AND FORMER TAR PLANT, 1 INCH = 100 FEET

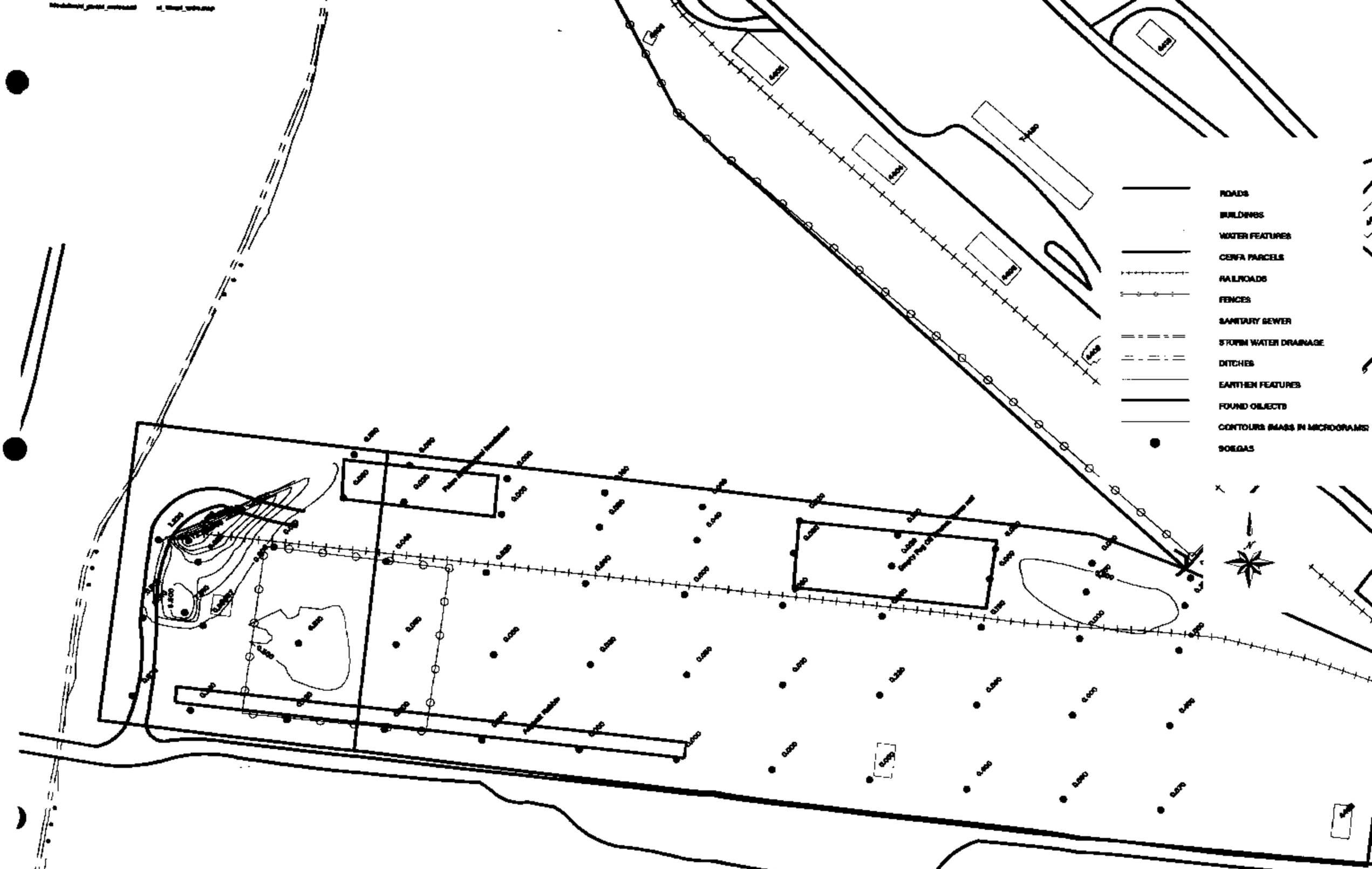


Figure 2-9c 1,3,5 & 1,2,4 TRIMETHYLBENZENE MASS IN SOIL GAS: CONTRACTOR LAYDOWN AREA AND FORMER TAR PLANT 1 INCH = 100 FEET

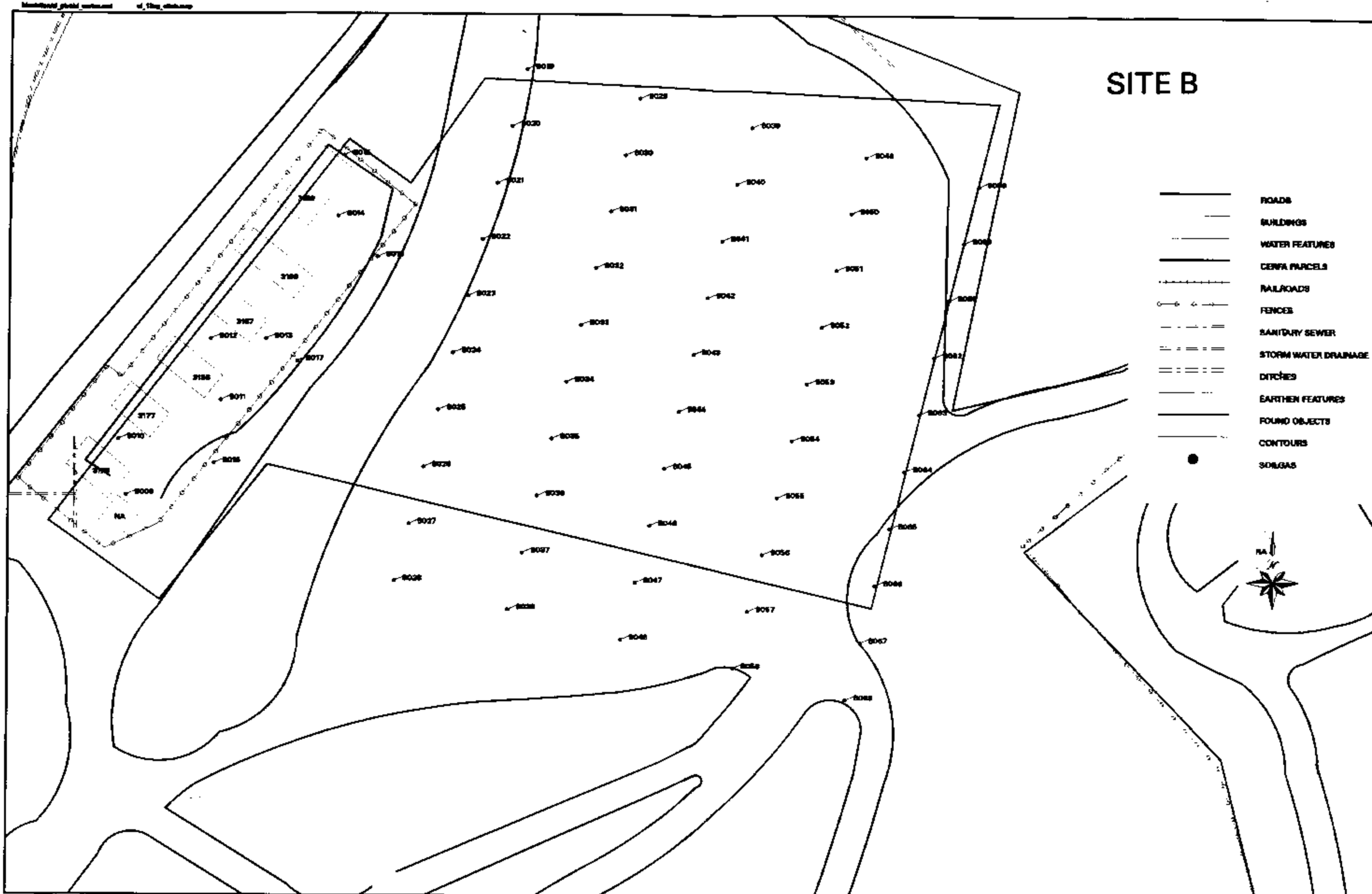


Figure 2-10 FORMER SANDEL FLAMETHROWER RANGE

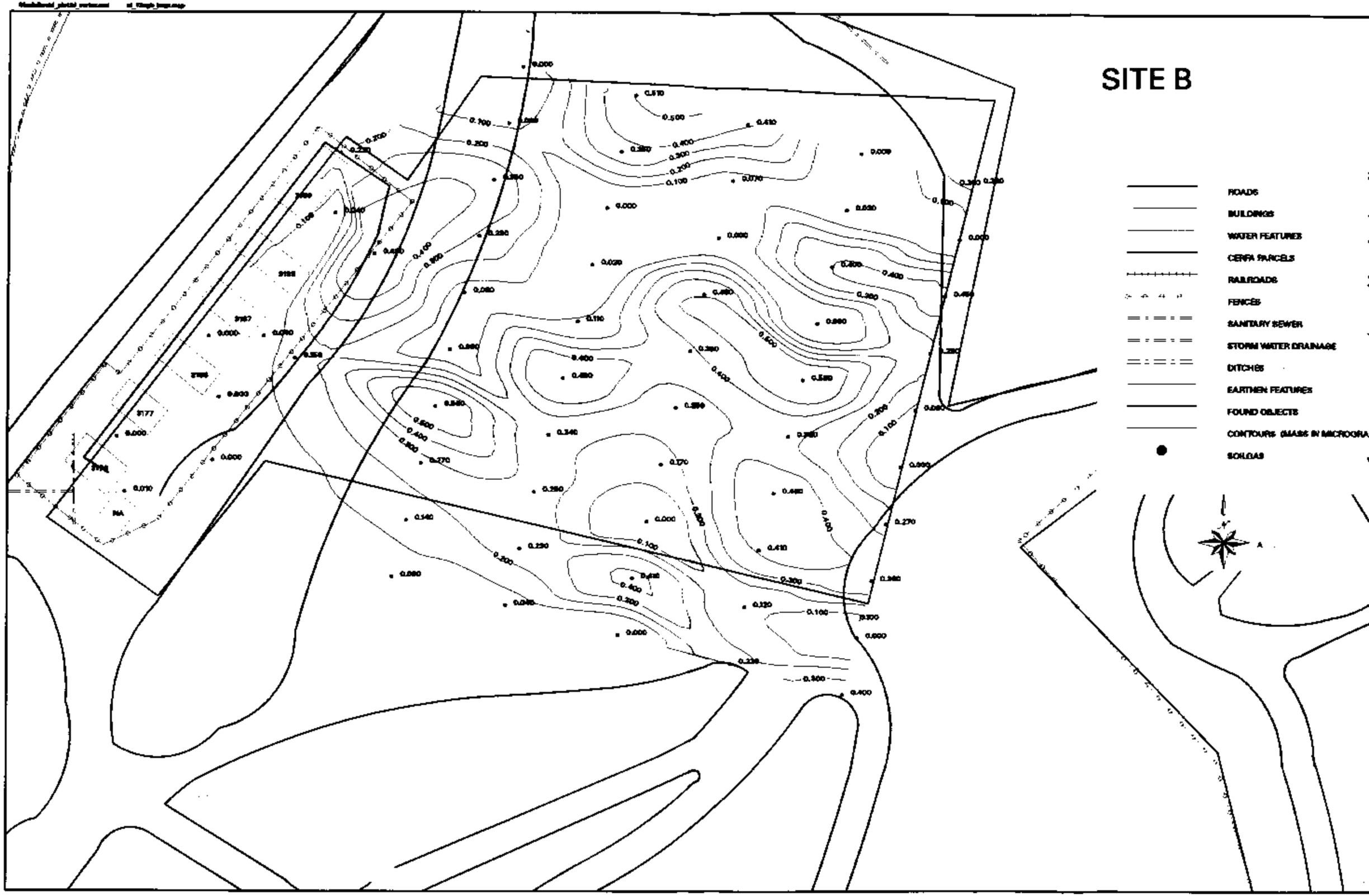


Figure 2-10a BTEX MASS IN SOIL GAS; FORMER SANDEL FLAMETHROWER RANGE 1 INCH = 60 FEET

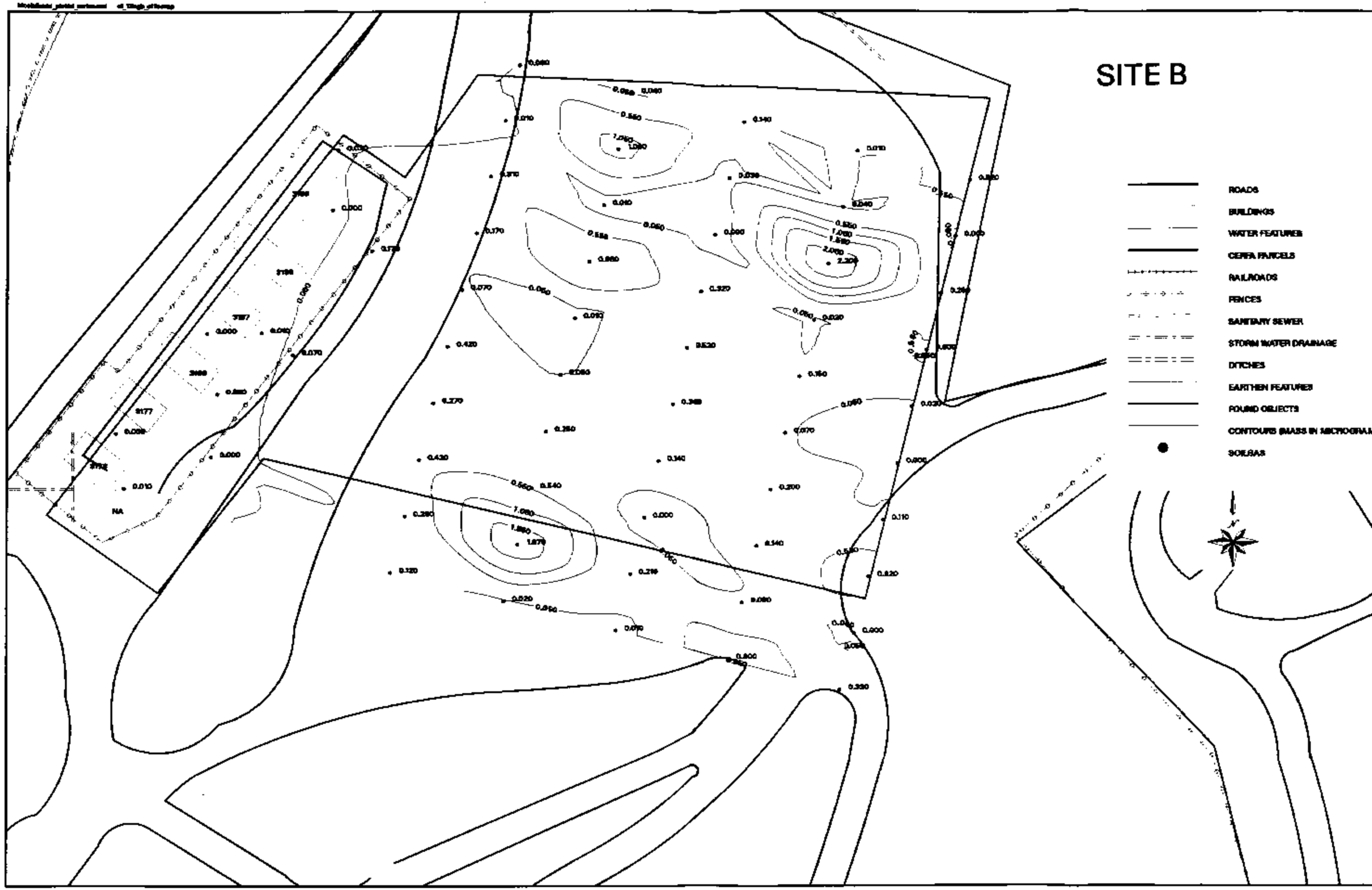


Figure 2-10b C11, C13 & C15 MASS IN SOIL GAS; FORMER SANDEL FLAMETHROWER RANGE 1 INCH = 60 FEET

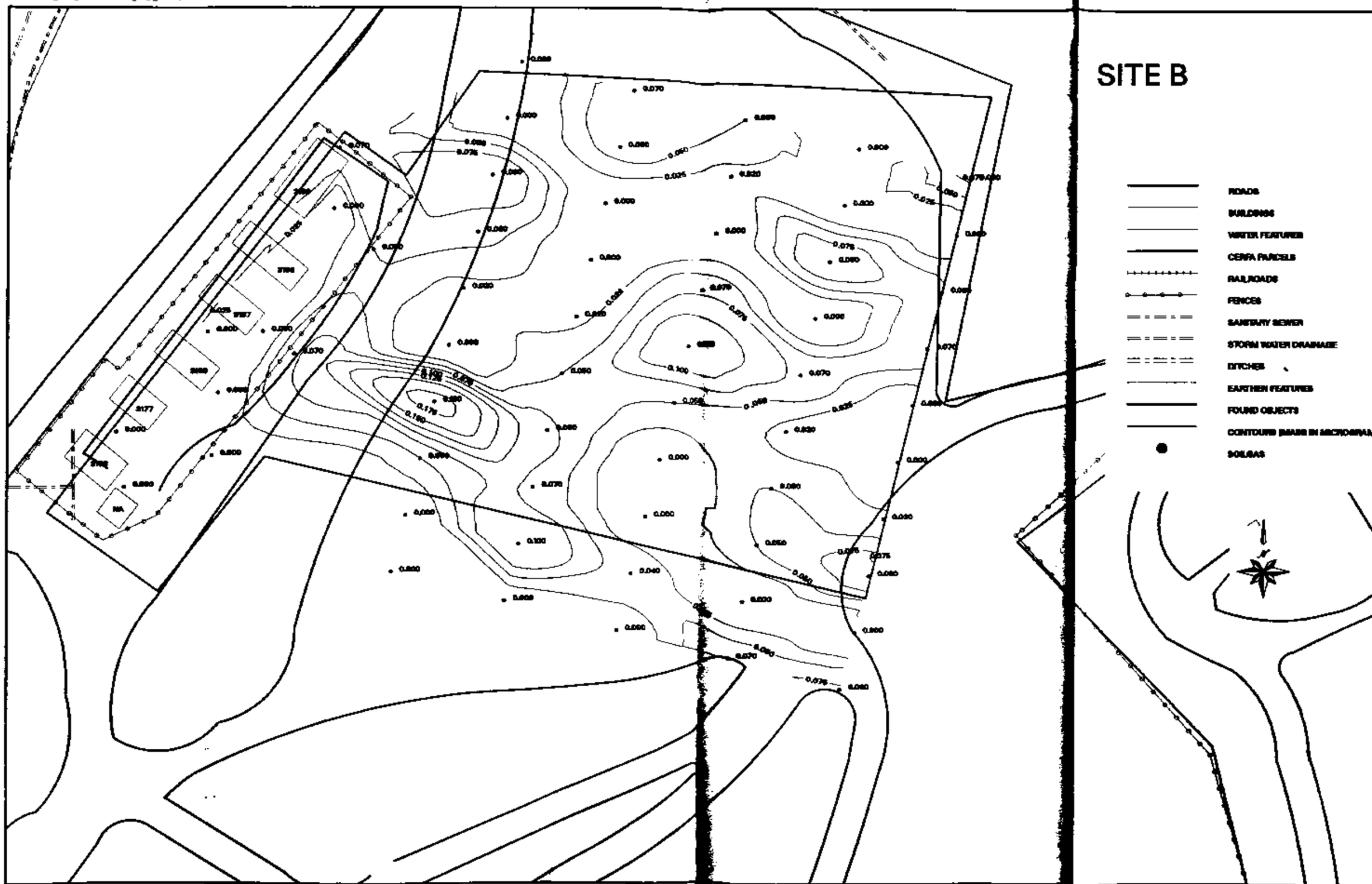


Figure 2-10c 1,3,5 & 1,2,4 TRIMETHYLBENZENE MASS IN SOILGAS; FORMER SANDEL FLAMETHROWER RANGE INCH = 60 FEET

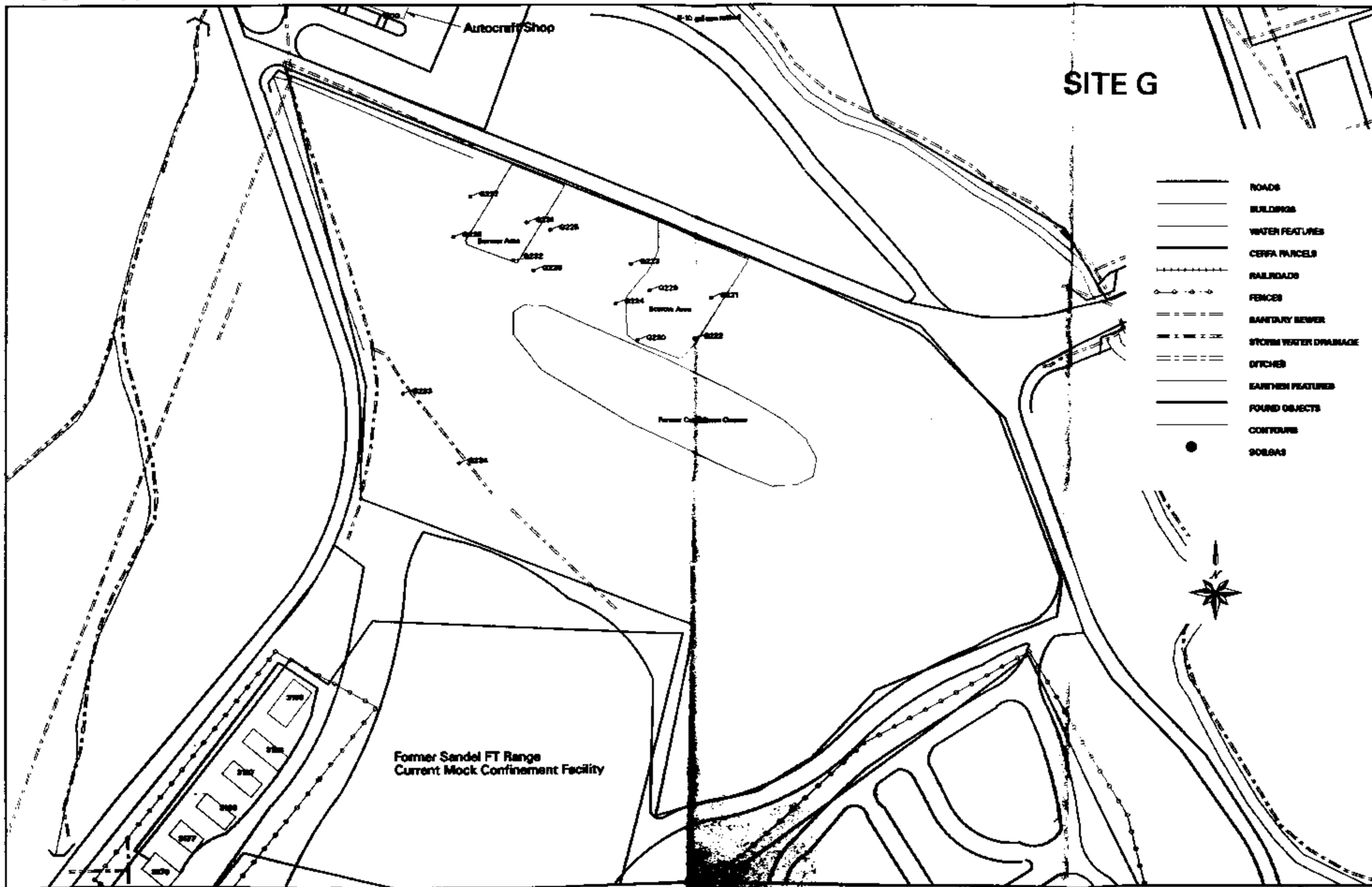


Figure 2-10 GROUND SCAR SOUTH OF AUTOCRAFT SHOP AND FORMER SANDEL FLAMETHROWER RANGE

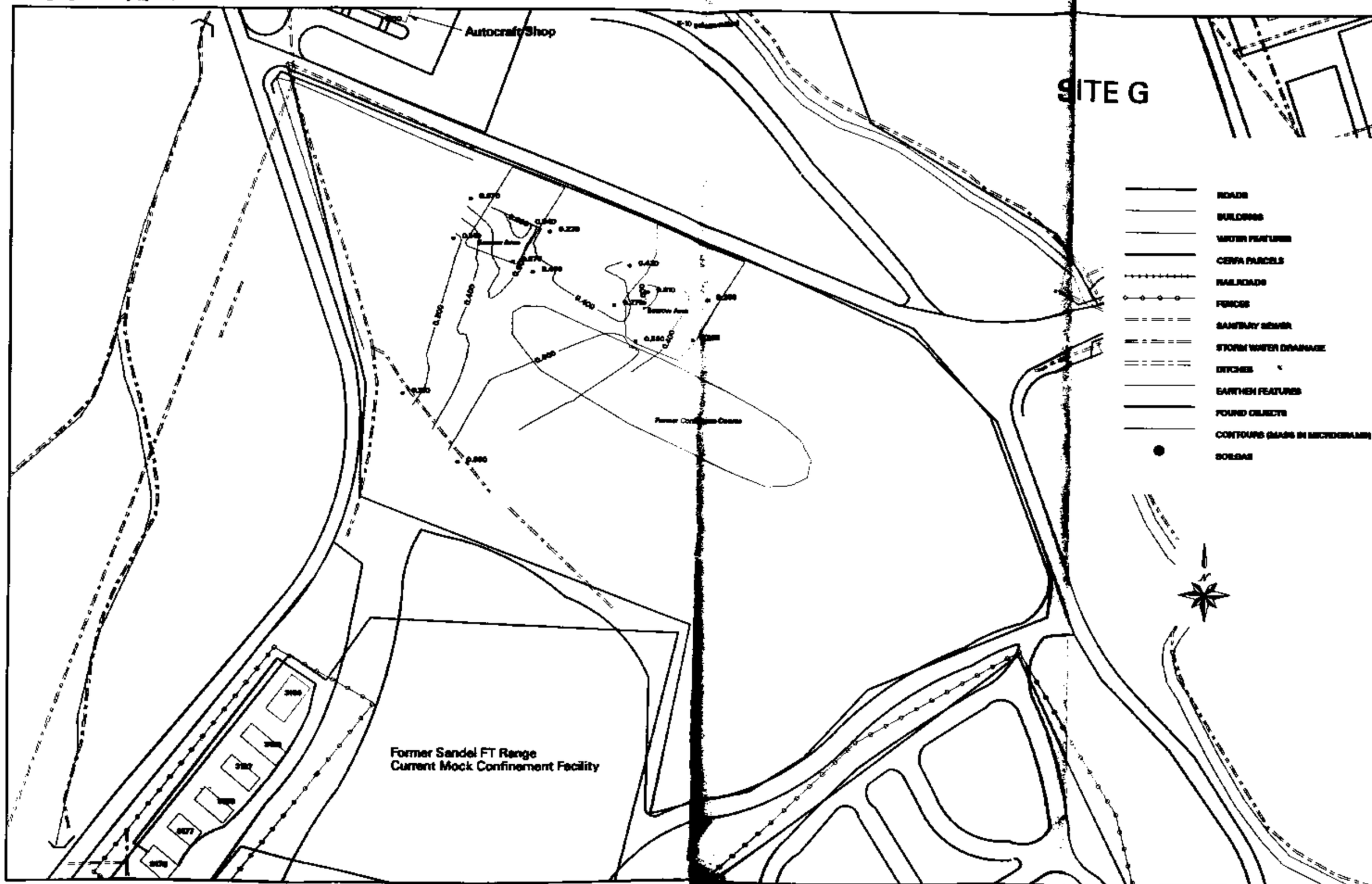


Figure 2-10a BTEX MASS IN SOIL GAS; GROUND SCAR SOUTH OF AUTOCRAFT SHOP 1 INCH = 100 FEET

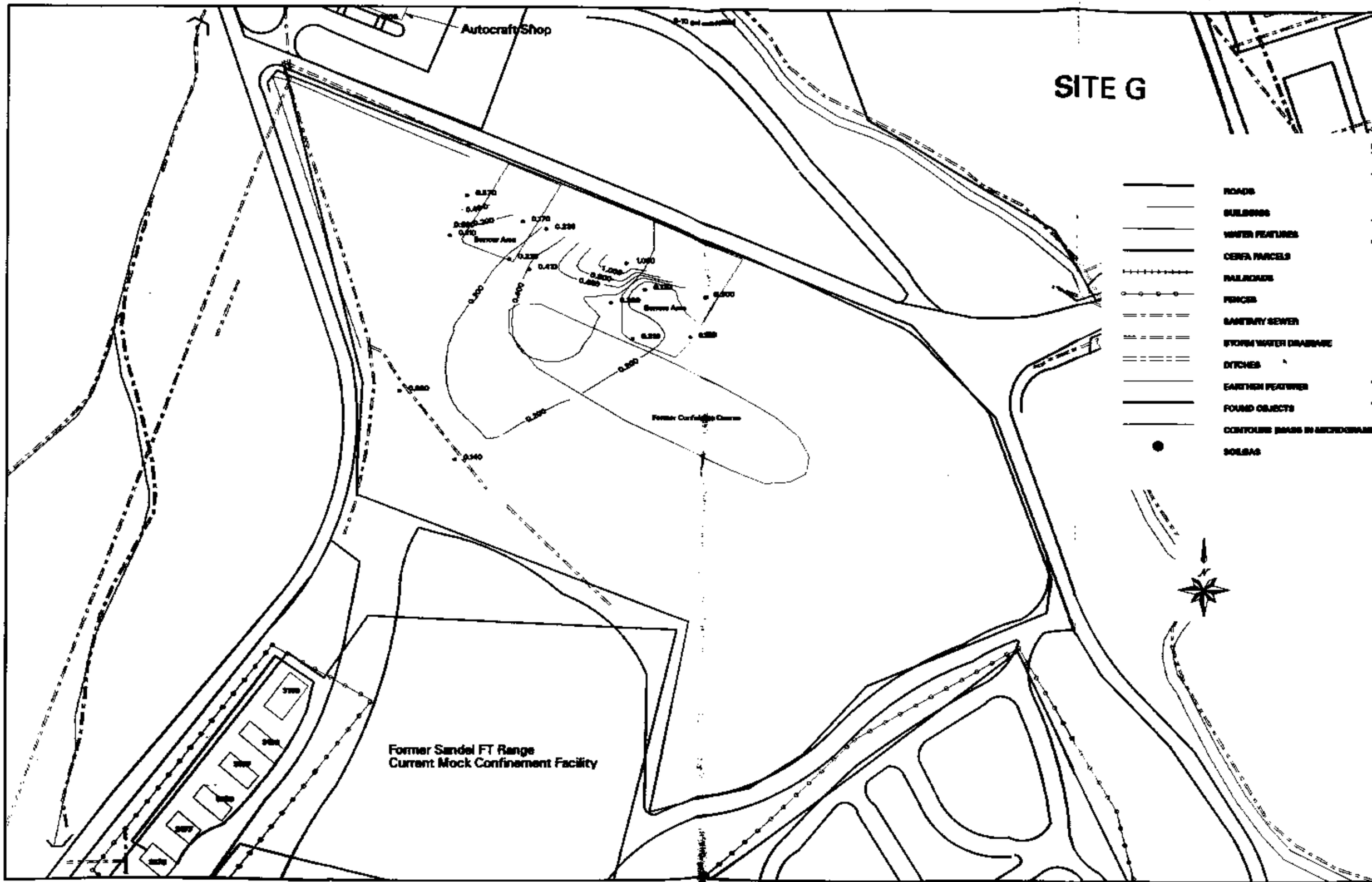


Figure 2-10b C11, C13 & C15 MASS IN SOIL GAS; GROUND SCAR SOUTH OF AUTOCRAFT SHOP 1 INCH = 100 FEET

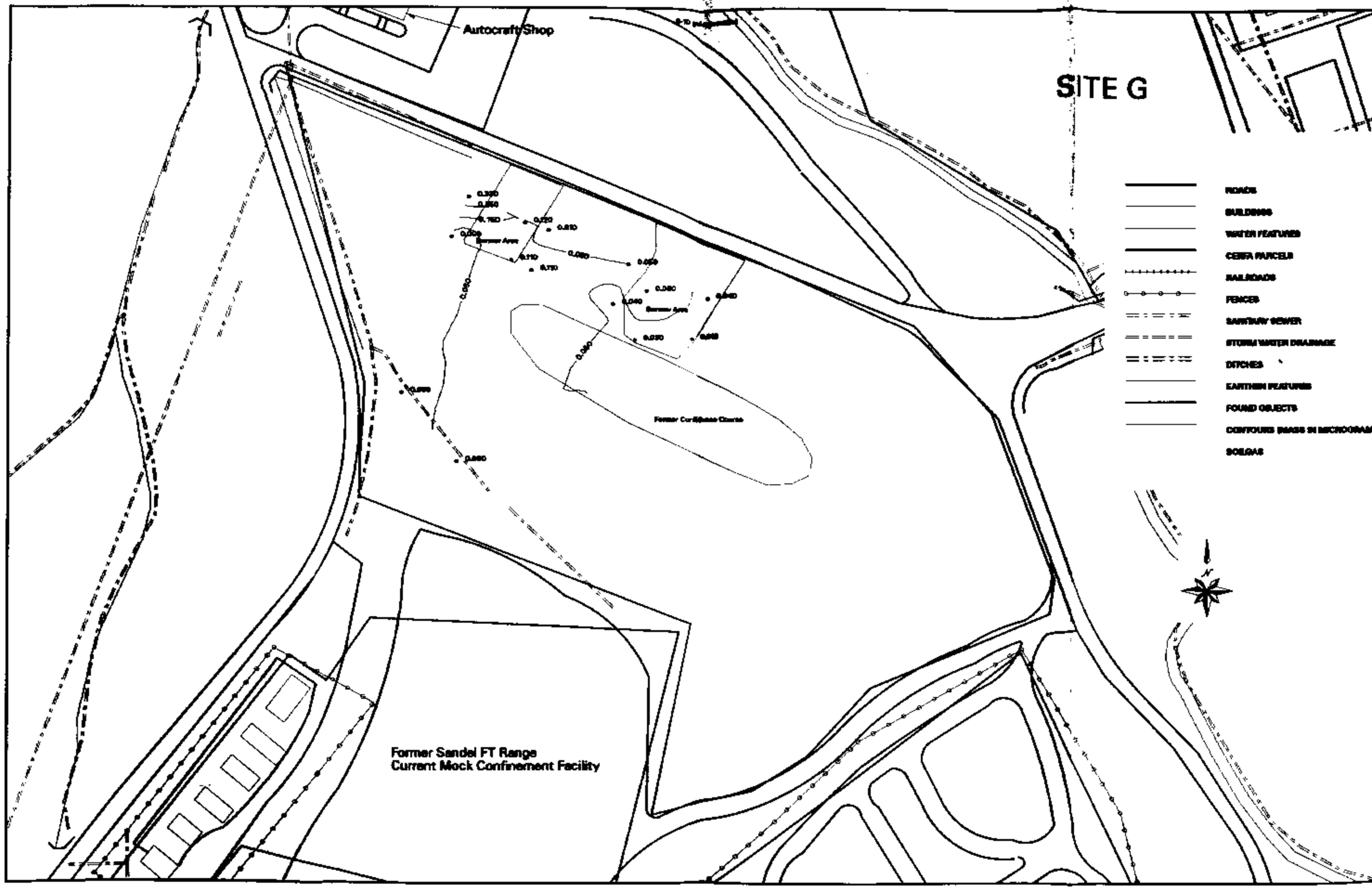


Figure 2-10c 1,3,5 & 1,2,4 TRIMETHYLBENZENE MASS IN SOIL GAS- GROUND SCAR SOUTH OF AUTOCRAFT SHOP 1 INCH = 100 FEET

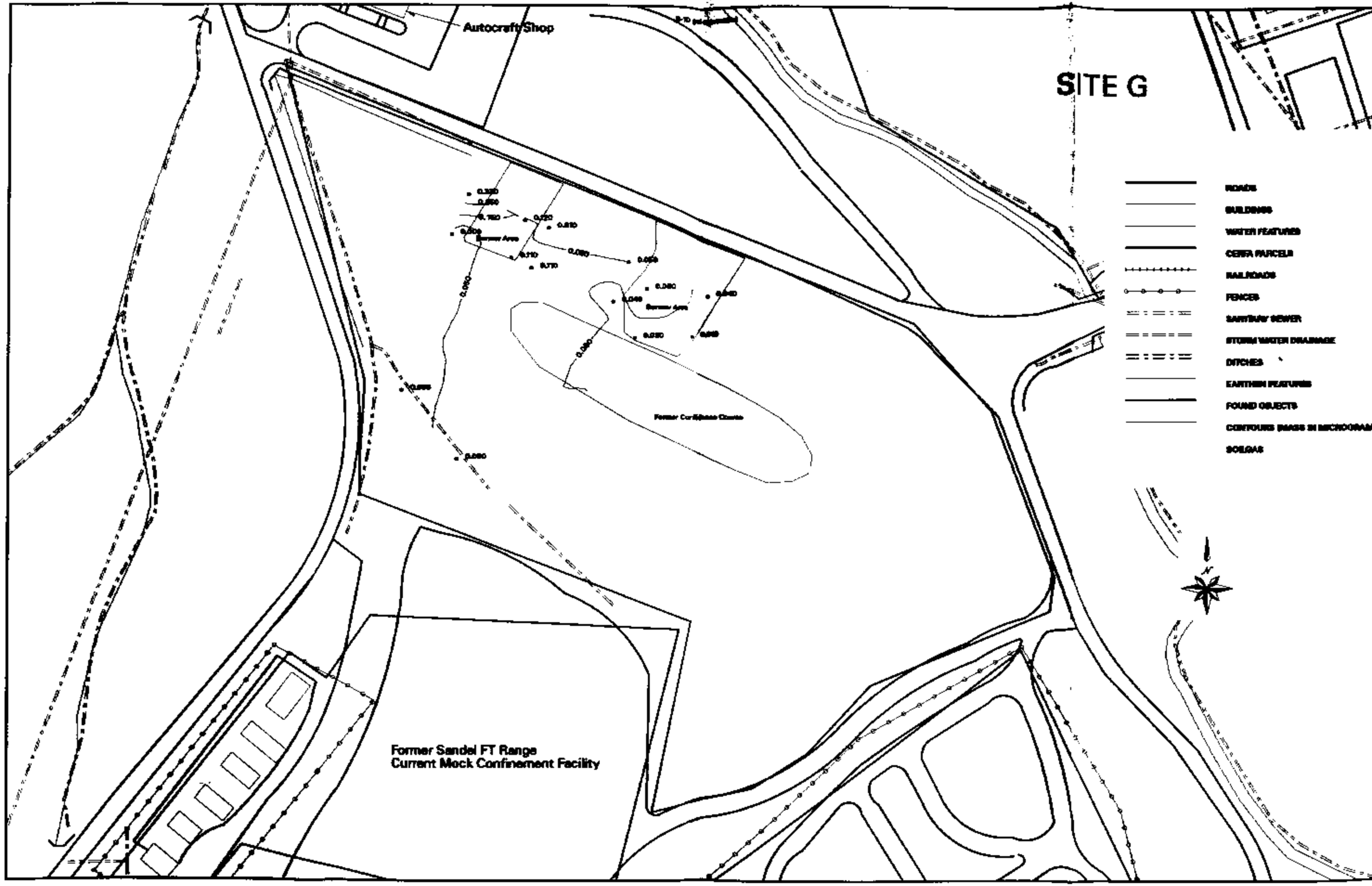


Figure 2-10c 1,3,5 & 1,2,4 TRIMETHYLBENZENE MASS IN SOIL GAS- GROUND SCAR SOUTH OF AUTOCRAFT SHOP 1 INCH = 100 FEET

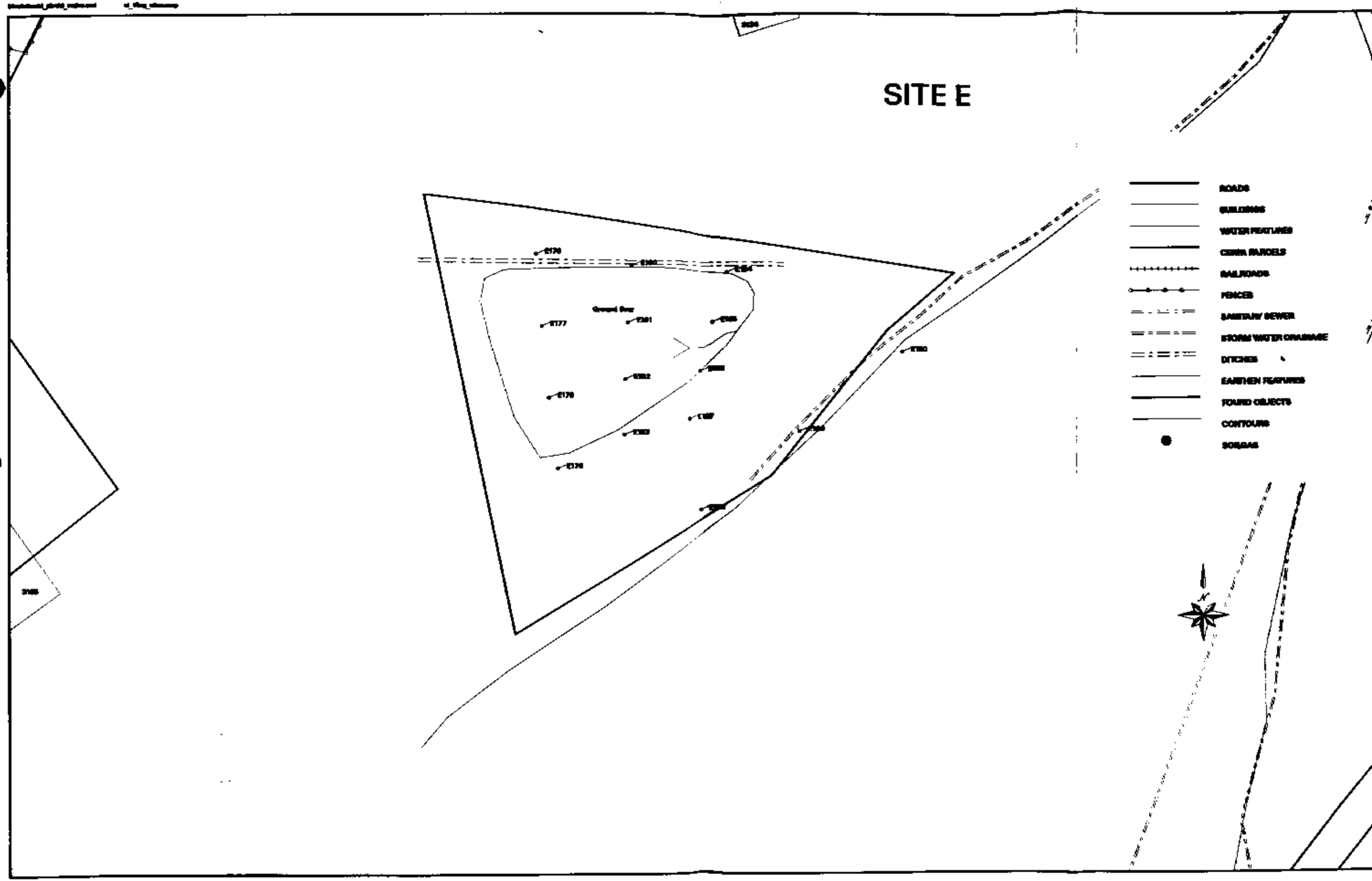


Figure 2.41 GROUND SCAR SOUTH OF BUILDING 2124 1 INCH = 50 FEET

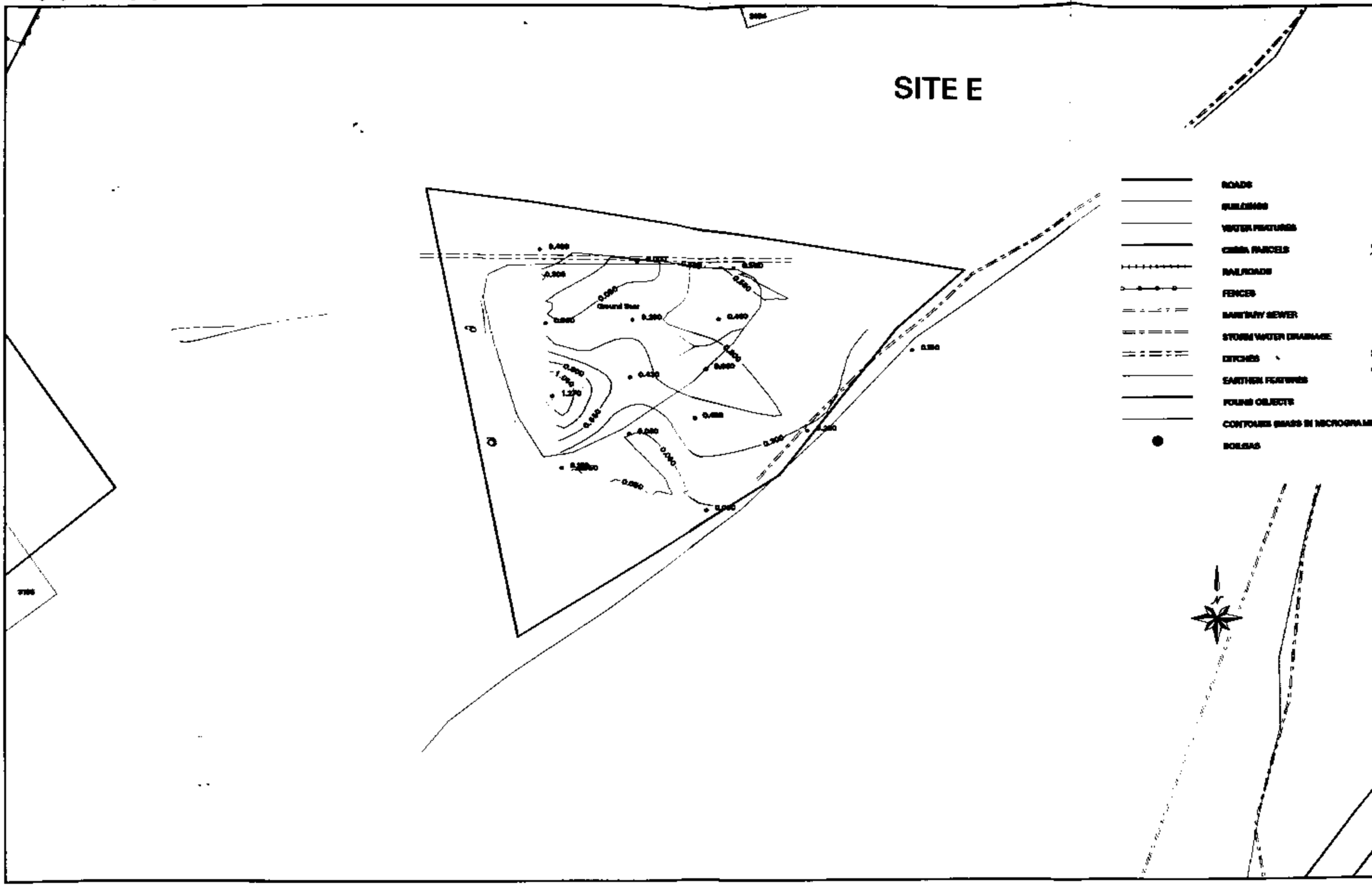


Figure 2-11a BTEX MASS IN SOIL GAS: GROUND SCAR SOUTH OF BUILDING 3134, 1 INCH = 50 FEET

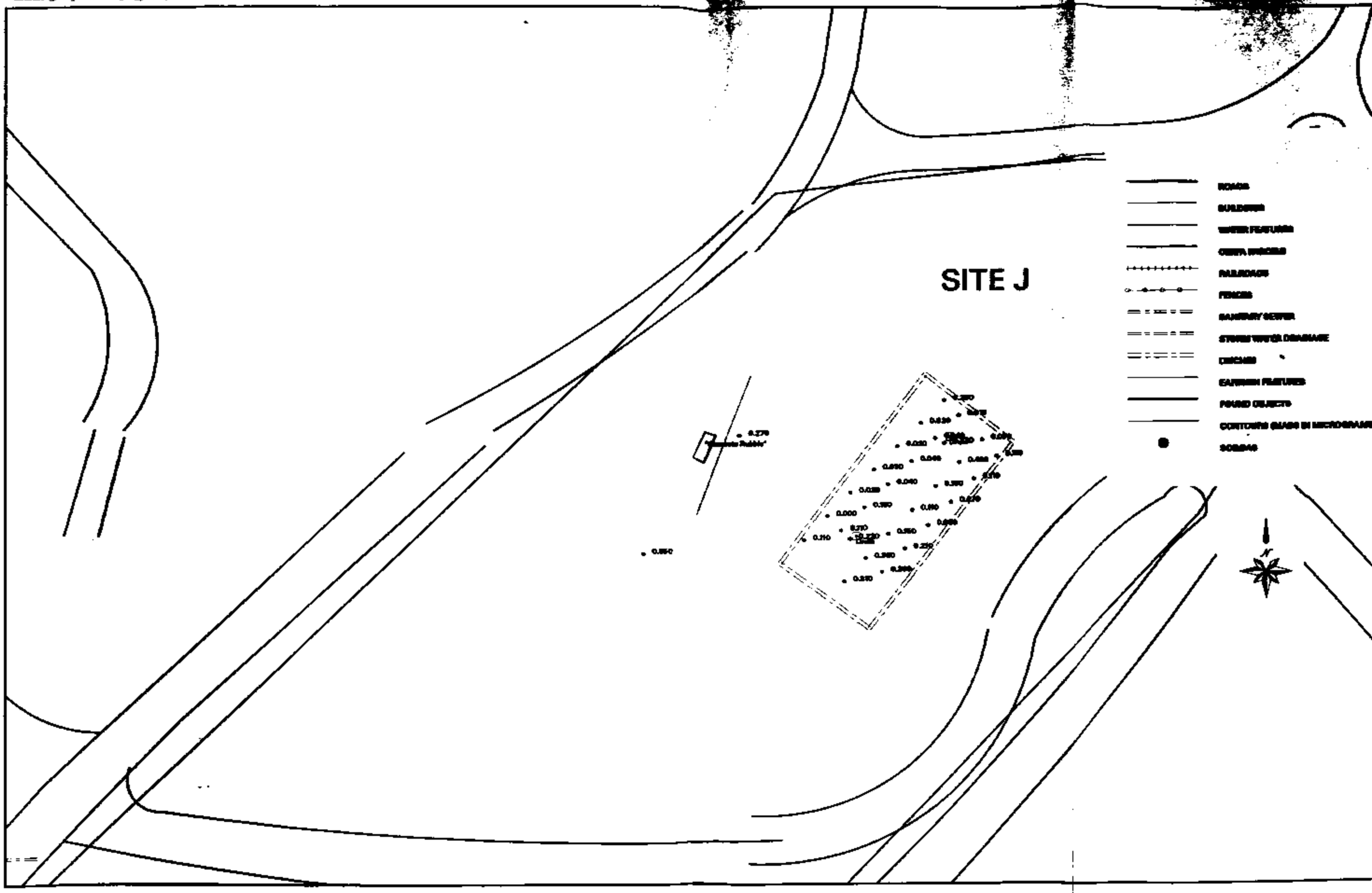


Figure 2-15b C11, C13 & C15 MASS IN SOIL GAS: GROUND SCAR/TRENCHES

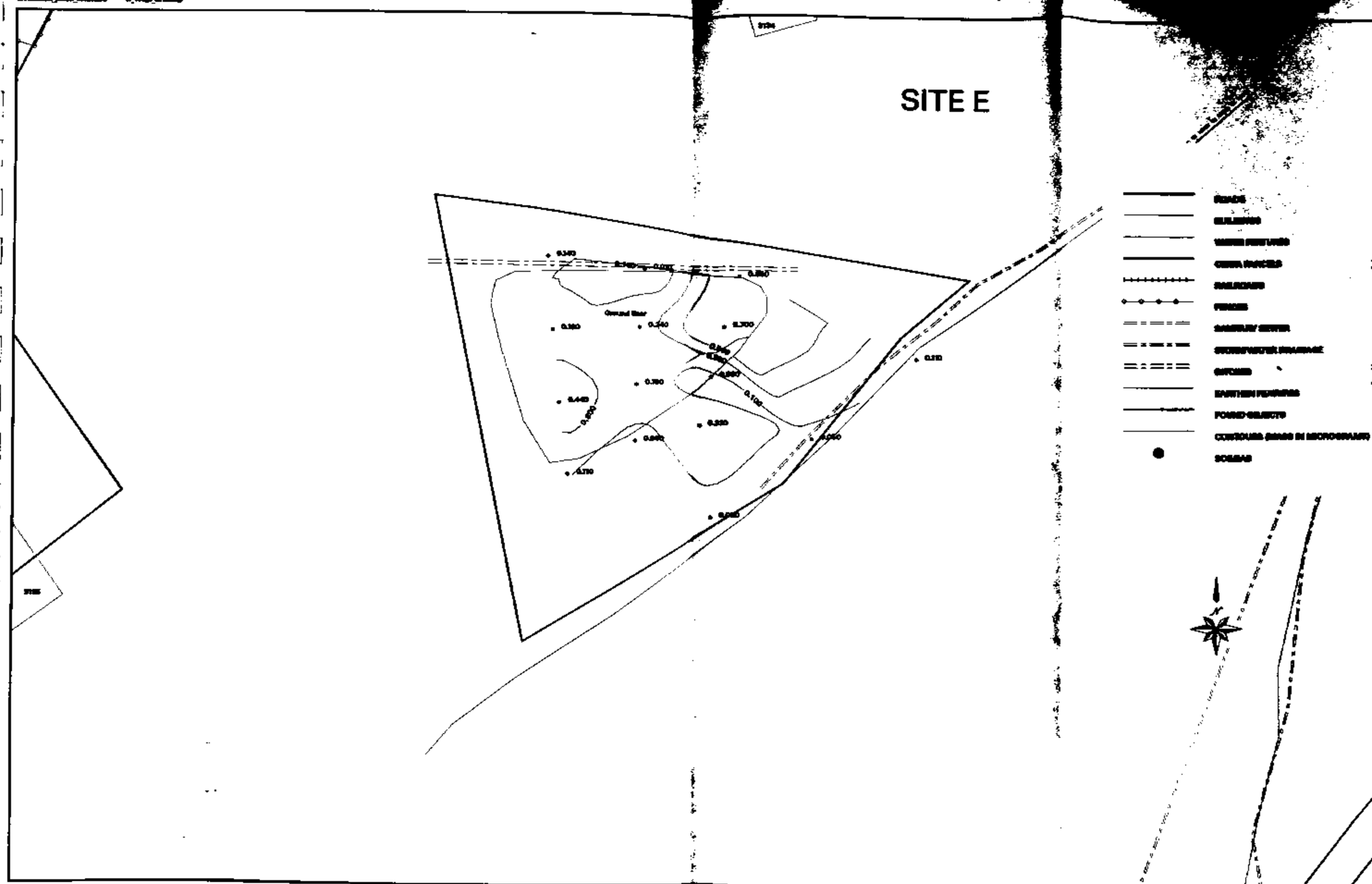


Figure 2-11b C11, C13 &C15 MASS IN SOILGAS; GROUND SCAR SOUTH OF BUILDING 3134 1 INCH = 50 FEET

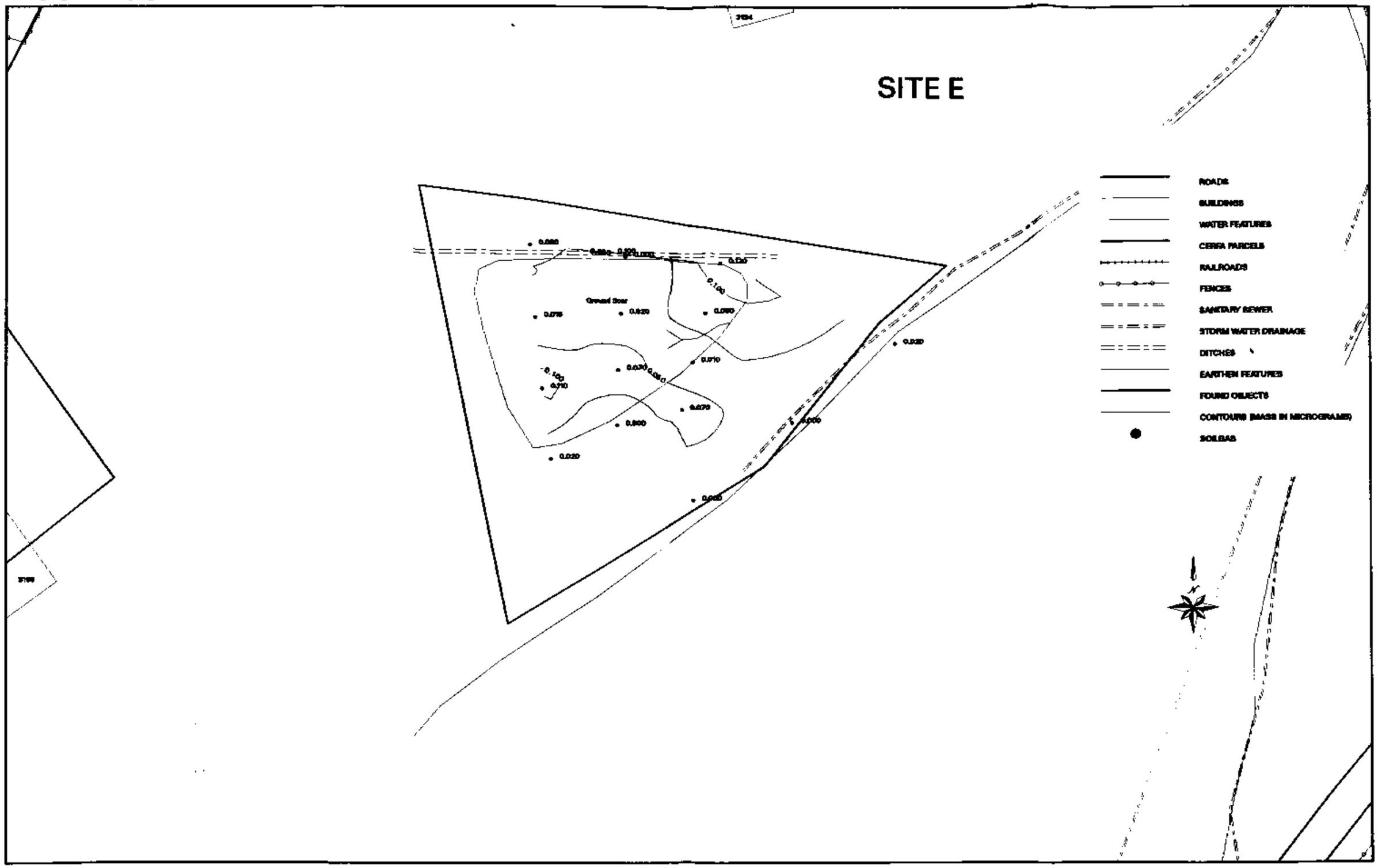


Figure 2-11c 1,3,5 & 1,2,4 TRIMETHYLBENZENE MASS IN SOILGAS; GROUND SCAR SOUTH OF BUILDING 3134 1 INCH = 50 FEET
OCT. 1997

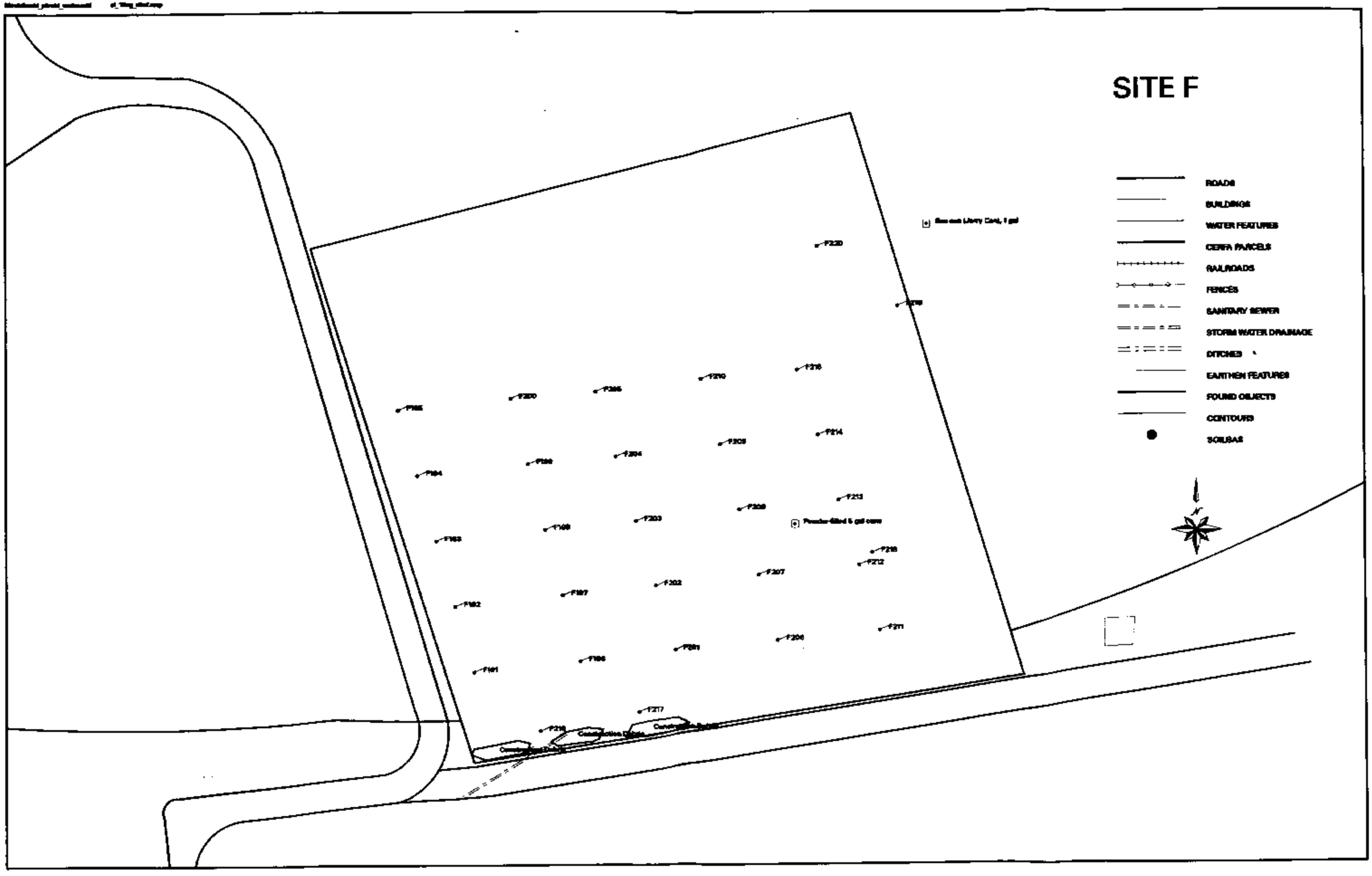


Figure 2-12 GROUND SCAR NEAR THE ASP 1 INCH = 50 FEET

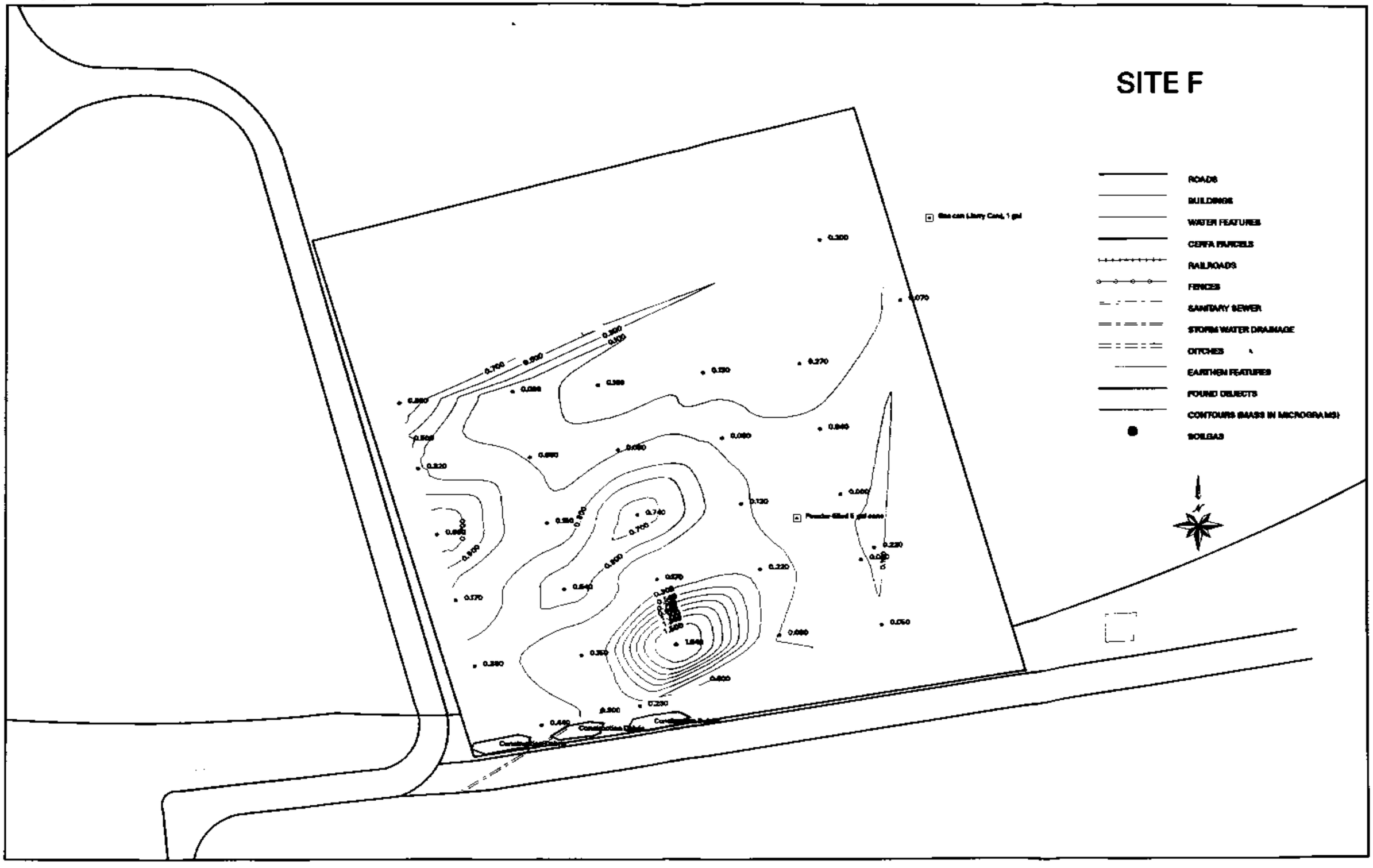


Figure 2-12a BTEX MASS IN SOIL GAS; GROUND SCAR NEAR THE ASP 1 INCH = 50 FEET

OEC 1997

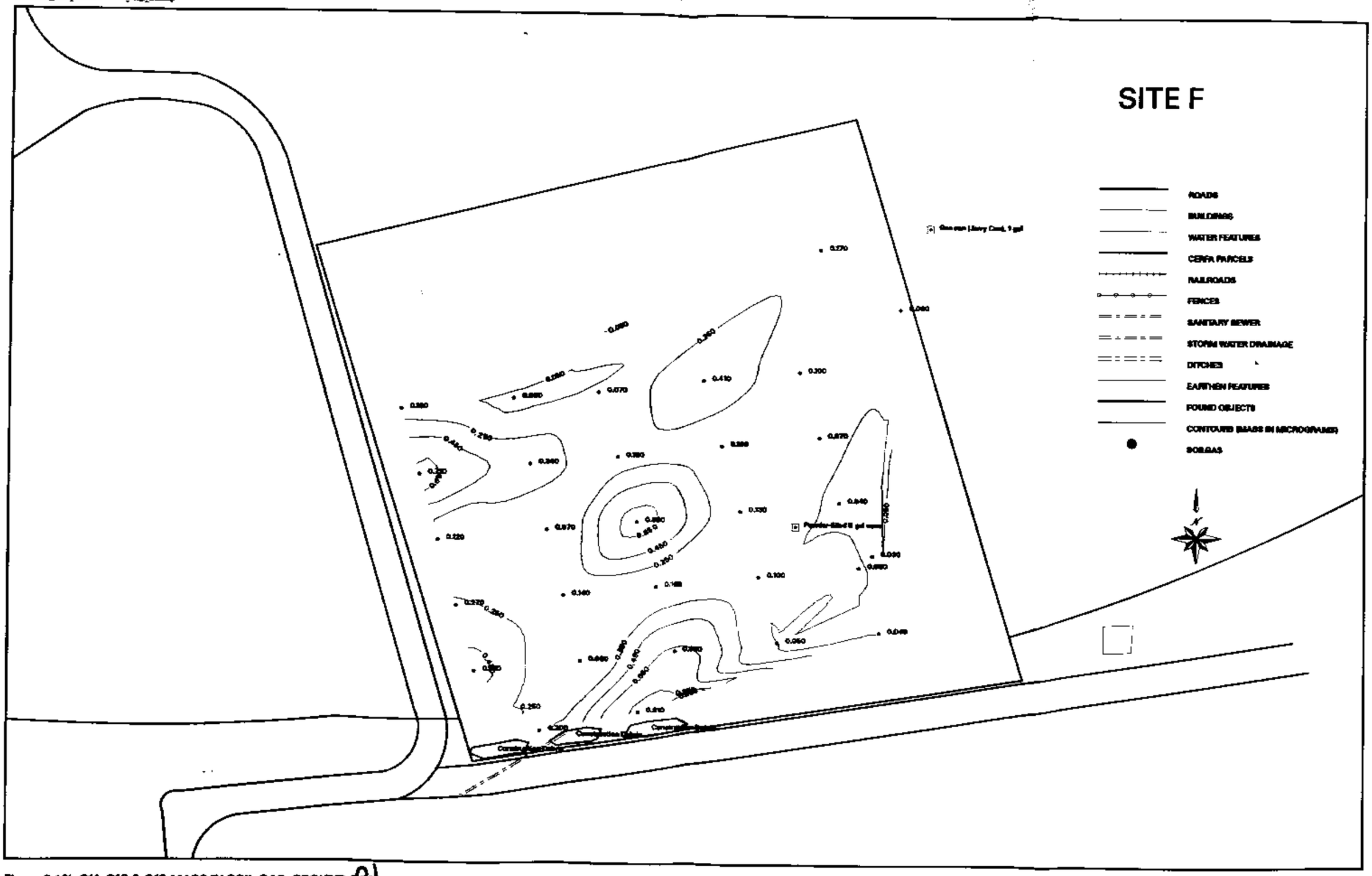


Figure 2-12b C11, C13 & C15 MASS IN SOIL GAS; GROUND SACR NEAR THE ASP 1 INCH = 50 FEET

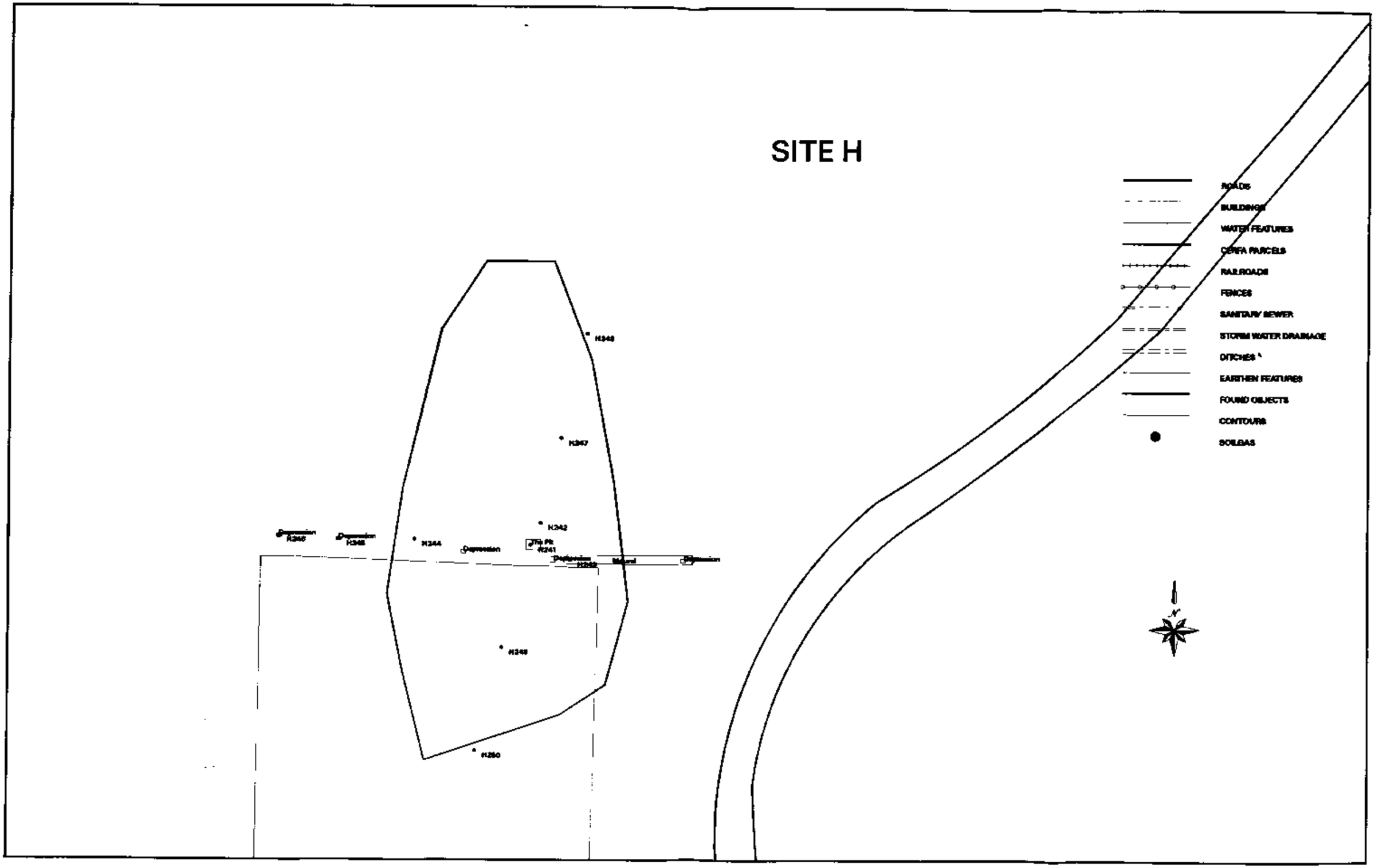


Figure 2-13 GROUND SCAR/PIT 1 INCH = 40 FEET

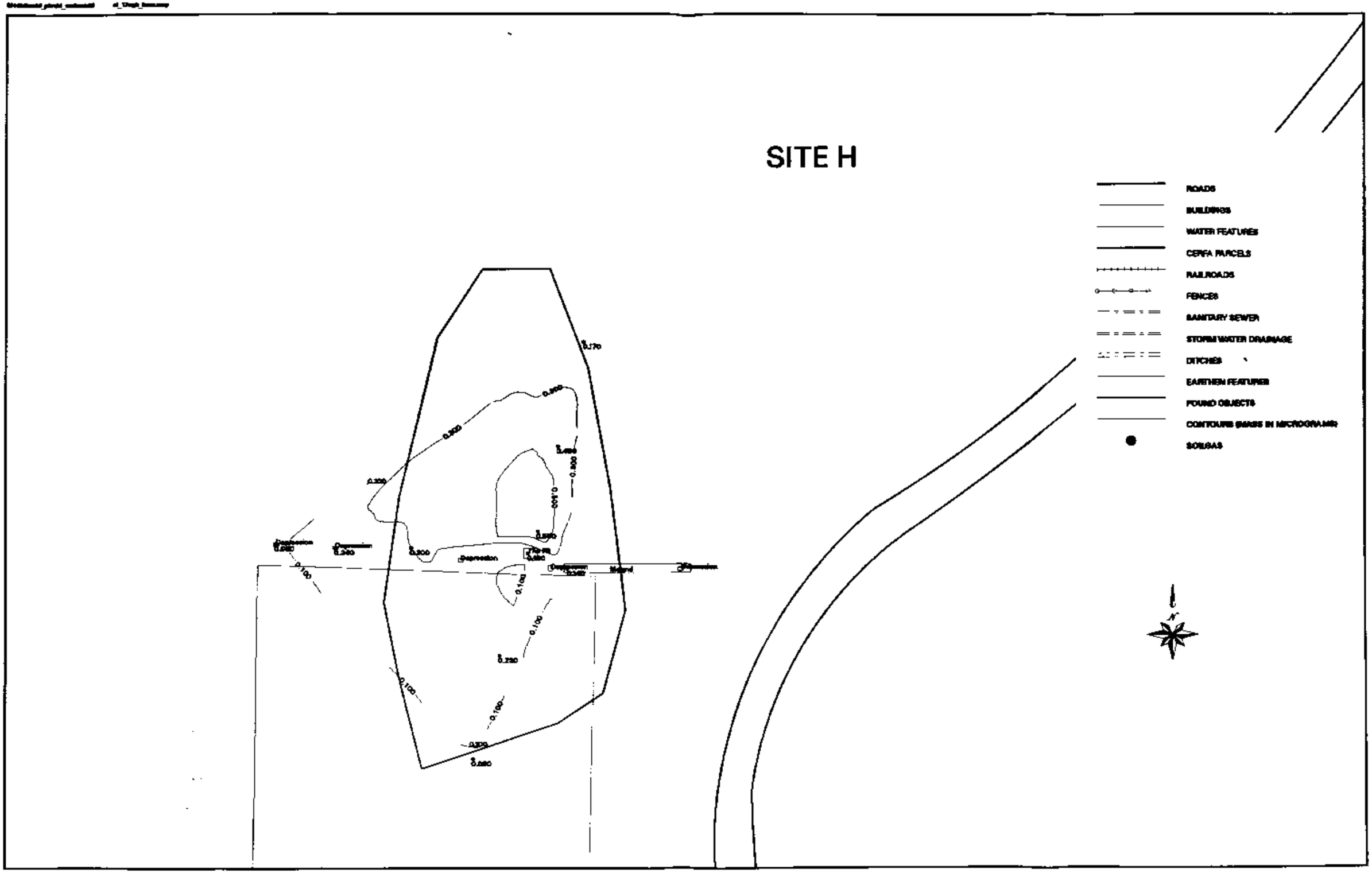


Figure 2-13a BTEX MASS IN SOIL GAS; GROUND SCAR/PIT 1 INCH = 100 FEET

CSX, 1997

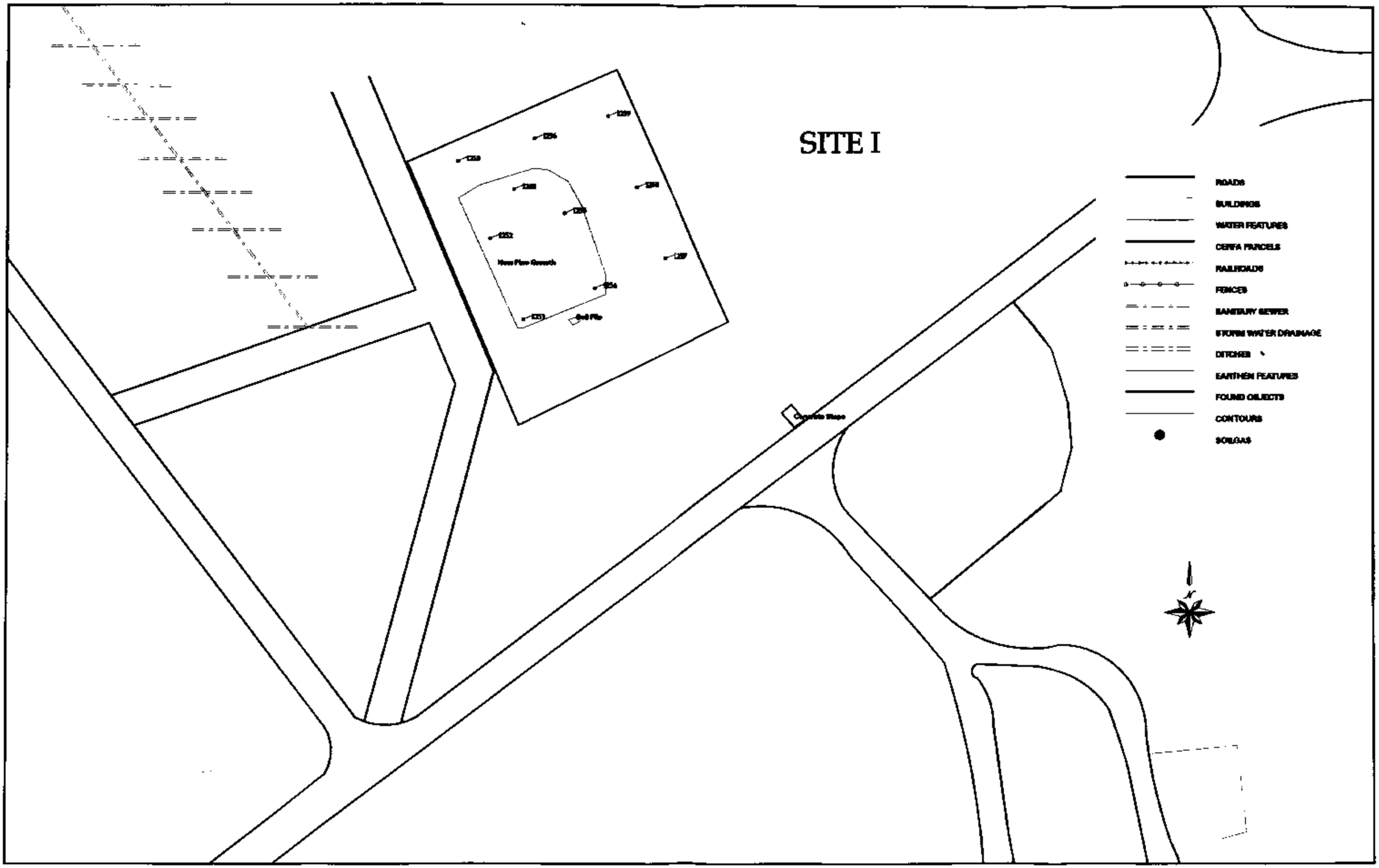


Figure 2-14 GROUND SCAR SOUTH OF CONFIDENCE COURSE 1 INCH = 50 FEET

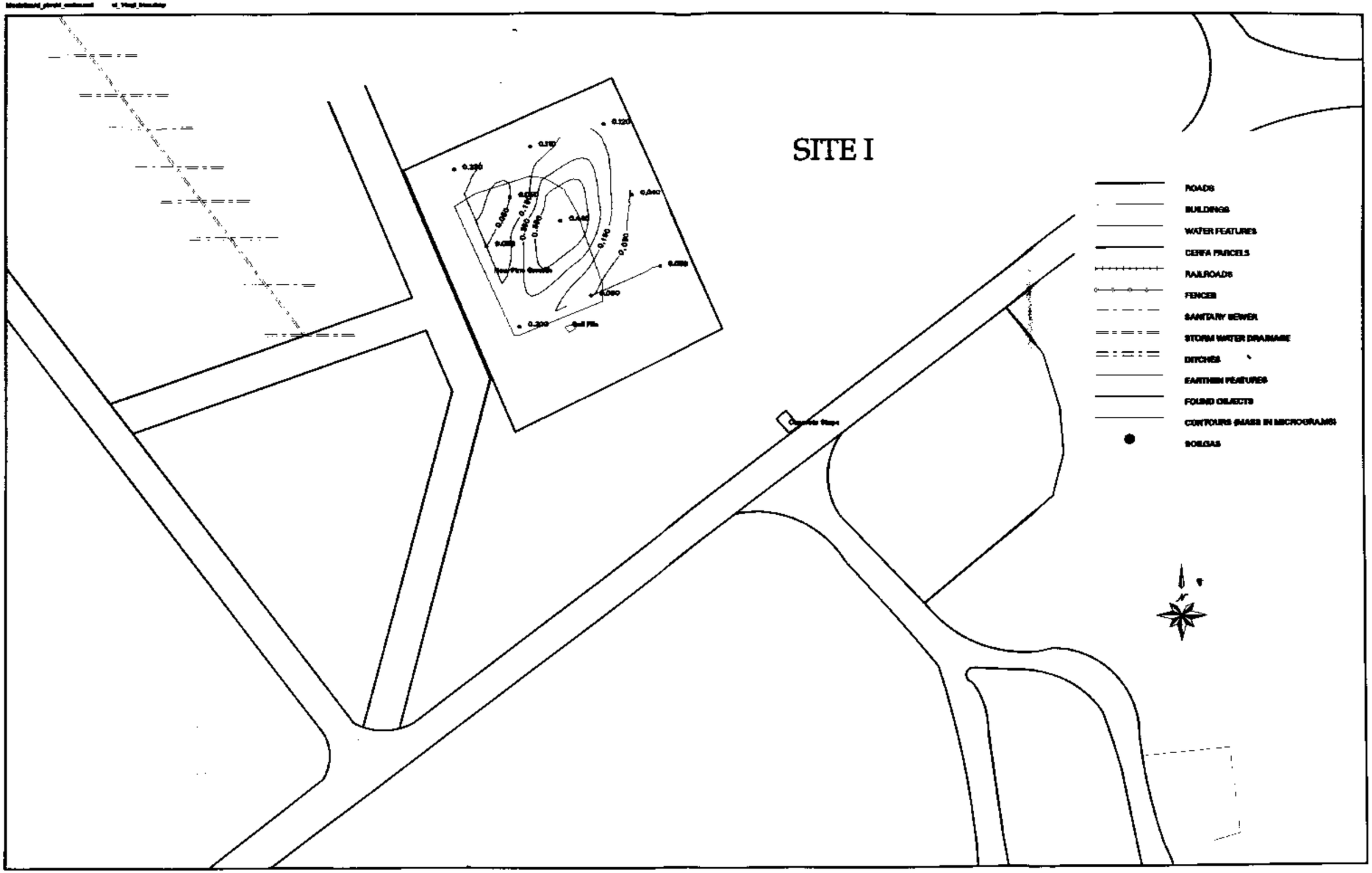


Figure 2-14a BTEX MASS IN SOIL GAS; GROUND SCAR SOUTH OF CONFIDENCE COURSE 1 INCH = 50 FEET

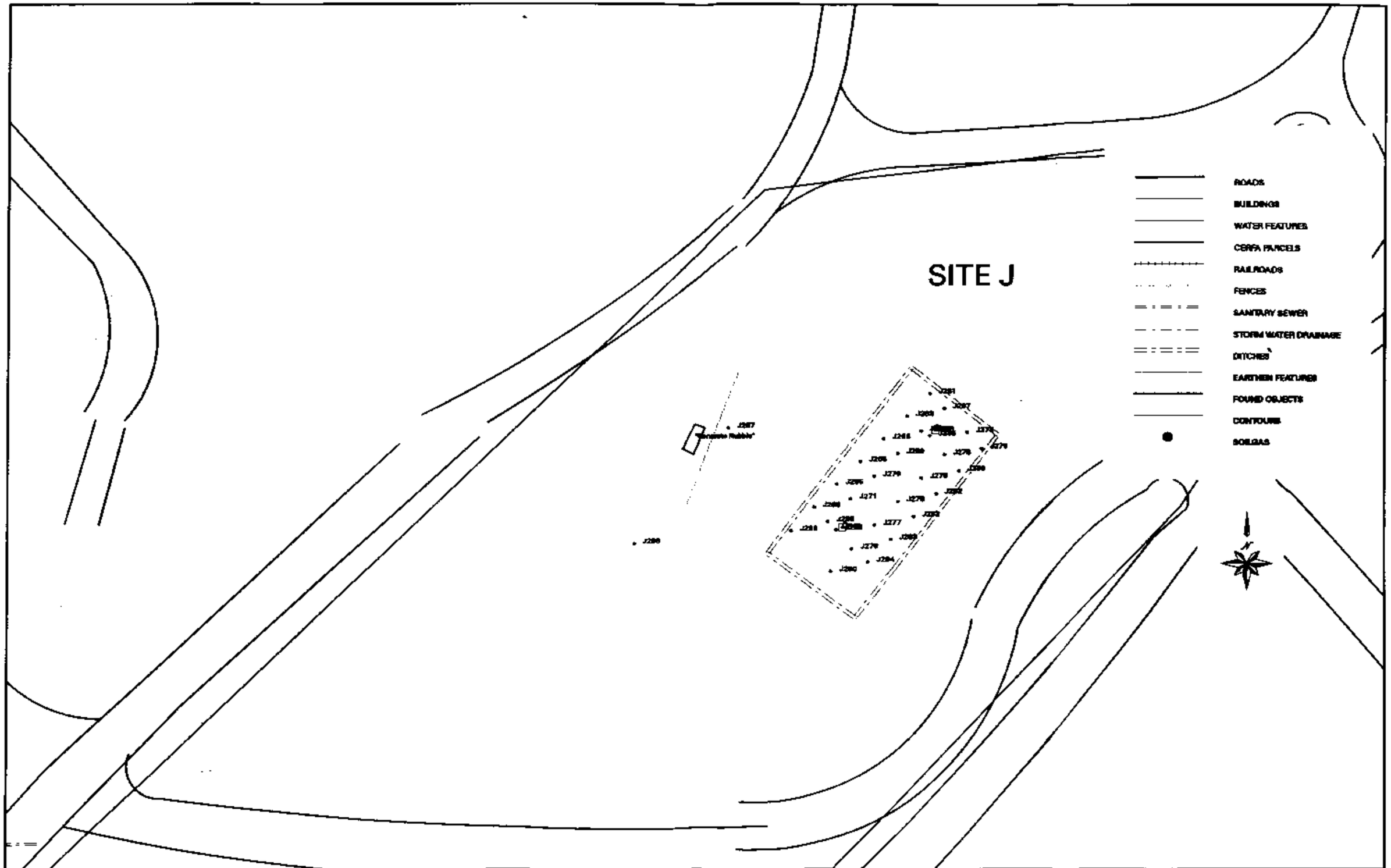


Fig. 2-15
GROUND SCARS/TRENCHES 1 INCH = 40

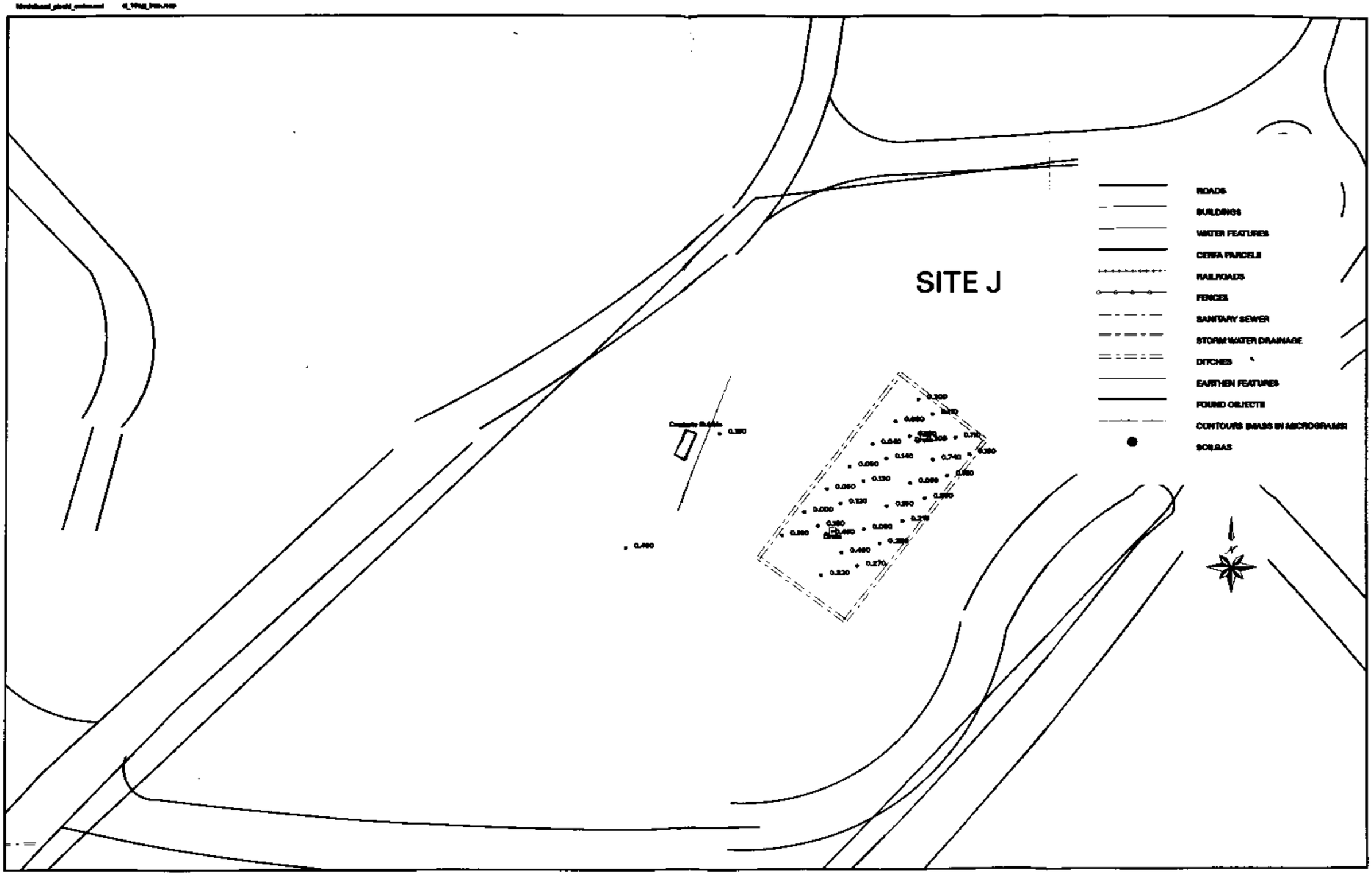
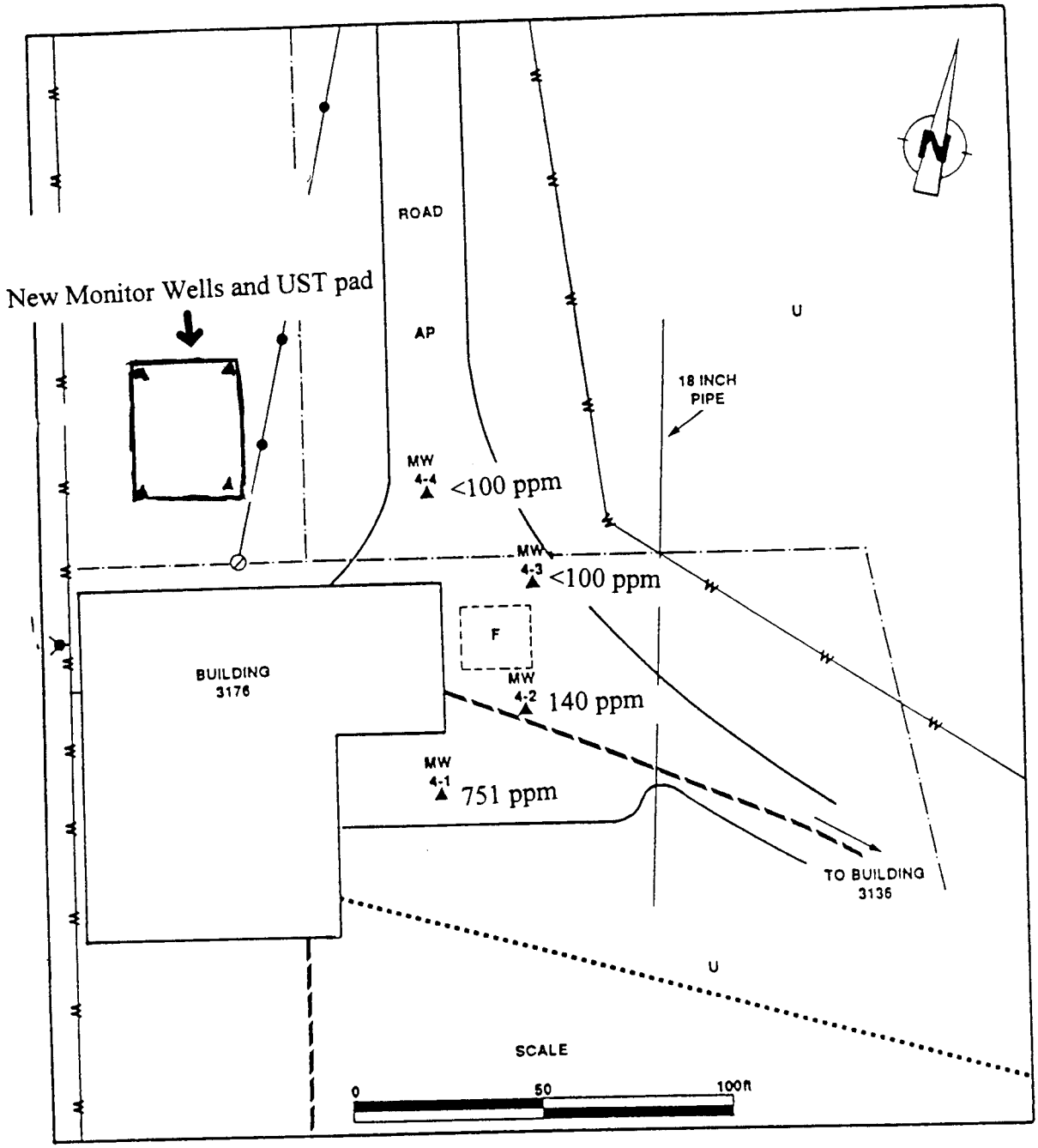


Figure 2-15a BTEX MASS IN SOIL GAS; GROUND SACR/TRENCHES

Appendix A: Maps from Other Sources

Boiler Plant No. 1



KEY:

- ▲ Monitoring Well Location
- Existing UST Area (Approximate Location)
- F Fuel Oil UST
- A Asphalt Paved Surface
- U Unpaved Surface
- ⊘ Manhole Cover
- Fire Hydrant

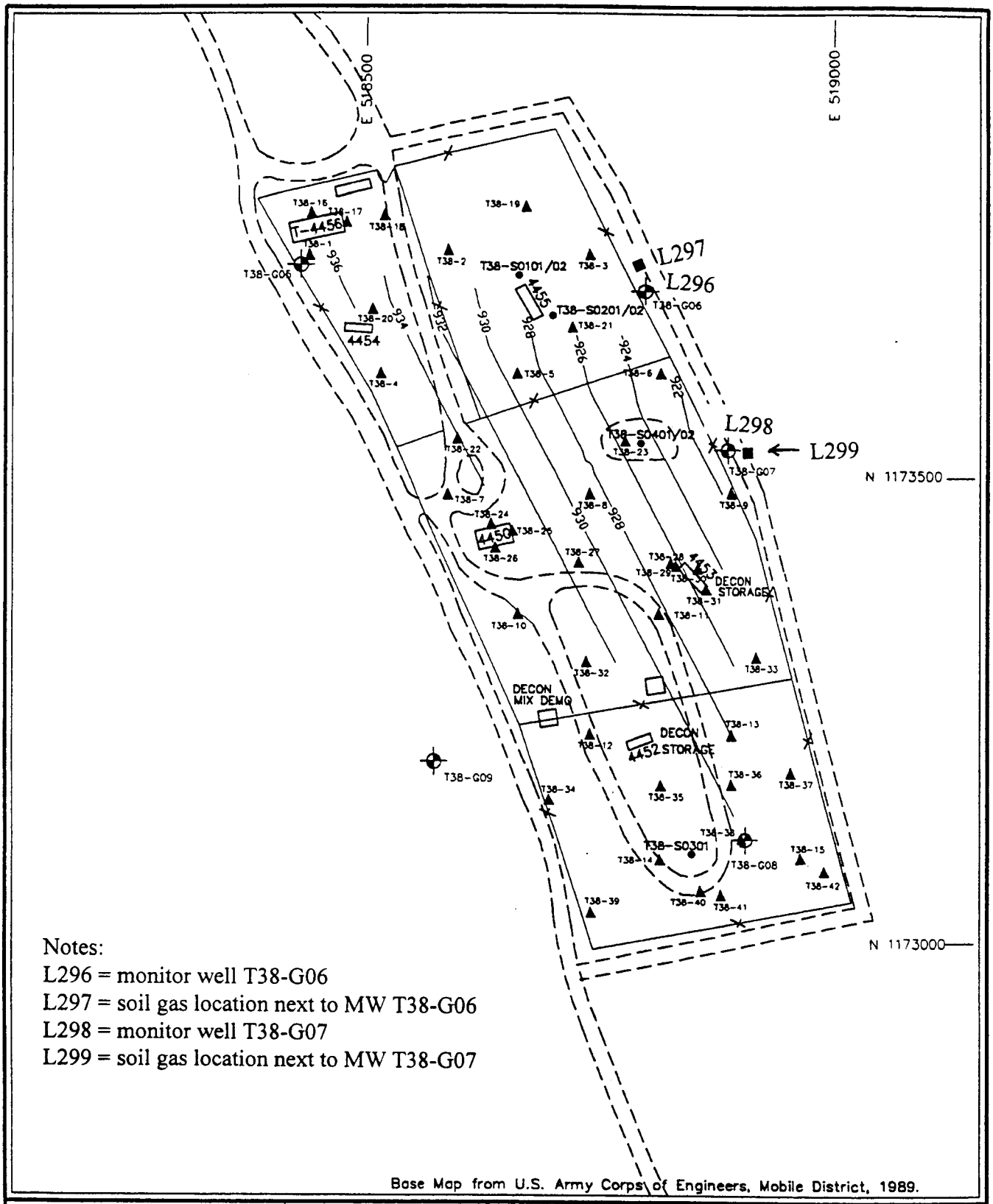
UNDERGROUND UTILITIES

- Water
- Natural Gas
- Sanitary Sewer

HEATING SYSTEM LINES

- Chilled Water
- Steam

Notes: Data represents TRPH concentration in soil at the monitor well locations.



Notes:
L296 = monitor well T38-G06
L297 = soil gas location next to MW T38-G06
L298 = monitor well T38-G07
L299 = soil gas location next to MW T38-G07

Base Map from U.S. Army Corps of Engineers, Mobile District, 1989.

N

150 0 150 300
SCALE IN FEET

LEGEND:
- Approximate Sump Location
- Unpaved Road
- Fenced Site Boundary
- SI Soil sample locations (SAIC,1992)
- Minicams screening location
- Monitoring well
- Groundwater Elevation (SAIC, 1995)

U.S. Army Environmental Center
Aberdeen Proving Ground, Maryland

SITE LOCATION MAP
AREA T-38

Fort McClellan RI/FS, Anniston, Alabama

Figure:	Date:	Project:	File:
2-8	10-18-95	01-0827-03-6520-016	FIG2-8.DWG

APPENDIX A-2

MAPS

Appendix A-2

The following maps provide a summary of soil gas data for each site. These summary maps were produced at the request of the BCT in order that all soil gas analytical results are captured in a single map for each site. Information from these maps was used to review the adequacy of proposed sample locations to identify potential source areas. These maps were used in conjunction with the contoured soil gas for selected compounds (Appendix A-1) to optimize sample locations which are presented in Section 2 of the Field Sampling Plan.

W.L. Gore, Inc. uses the following rule of thumb: Soil gas data which are within one order of magnitude of the detection limit indicate a low probability that matrix (soil or water) samples contain detectable concentrations of contaminants. Soil gas data which are between one and two orders of magnitude of the detection limit indicate a medium probability that matrix samples contain detectable concentrations of contaminants. Soil gas data which exceed two orders of magnitude of the detection limit indicate a high probability that matrix samples contain detectable concentrations of contaminants.

In accordance with a January 1998 request of the BCT, soil gas survey data has been plotted as orders of magnitude above the detection limit. The highest value of all the contaminants detected at a given soil gas point was used to generate these maps. Soil gas detections are shown as circles (within one order of magnitude of the detection limit), triangles (one to two orders of magnitude above the detection limit), and squares (two or more orders of magnitude above the detection limit). The reader should refer to maps of selected compounds and tabular data for more detailed information regarding the identity and distribution of potential contaminants at specific locations.

THIS PAGE INTENTIONALLY LEFT BLANK

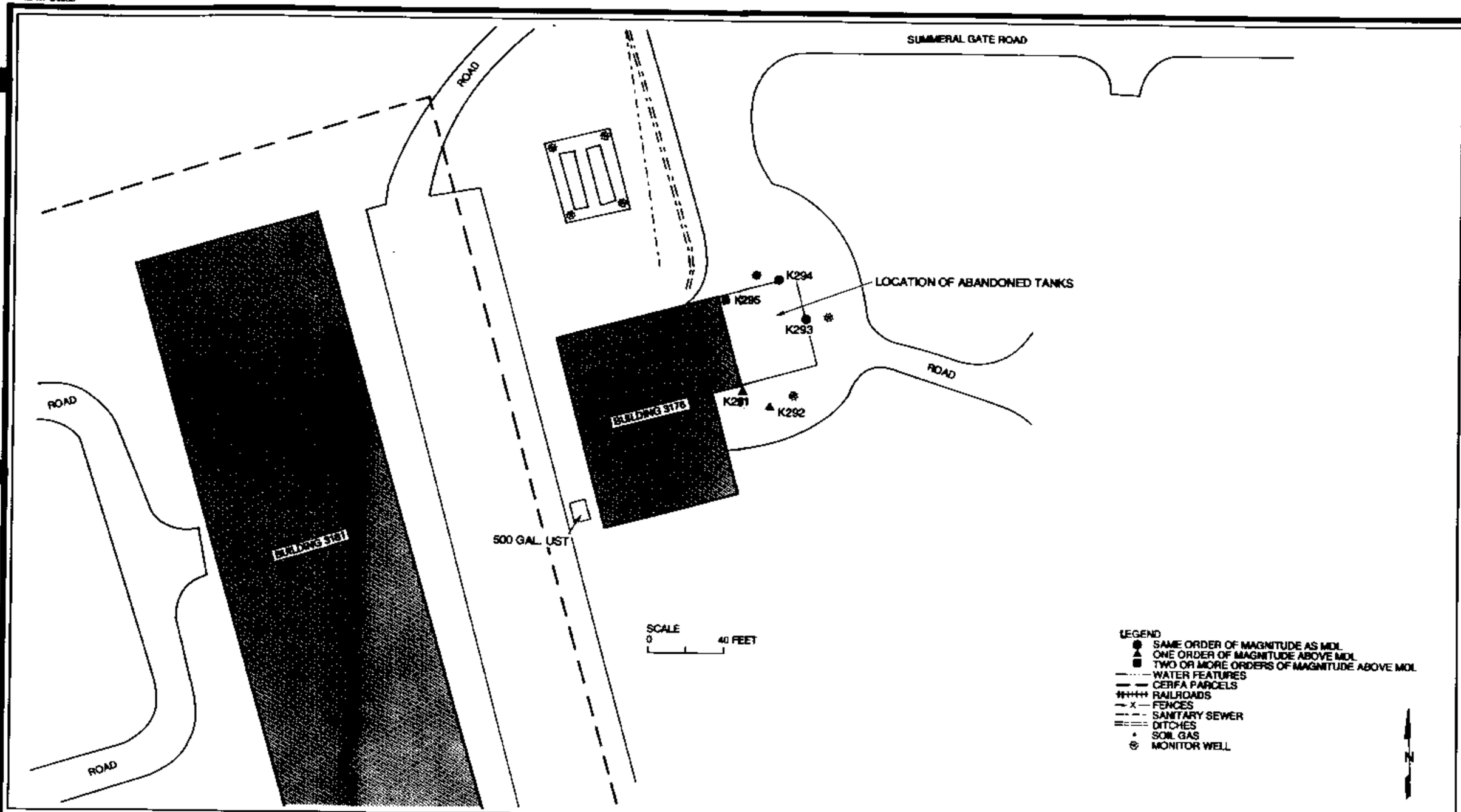


Figure A-1
BOILER PLANT NO. 1 (BUILDING 3176)

SOURCE: OST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

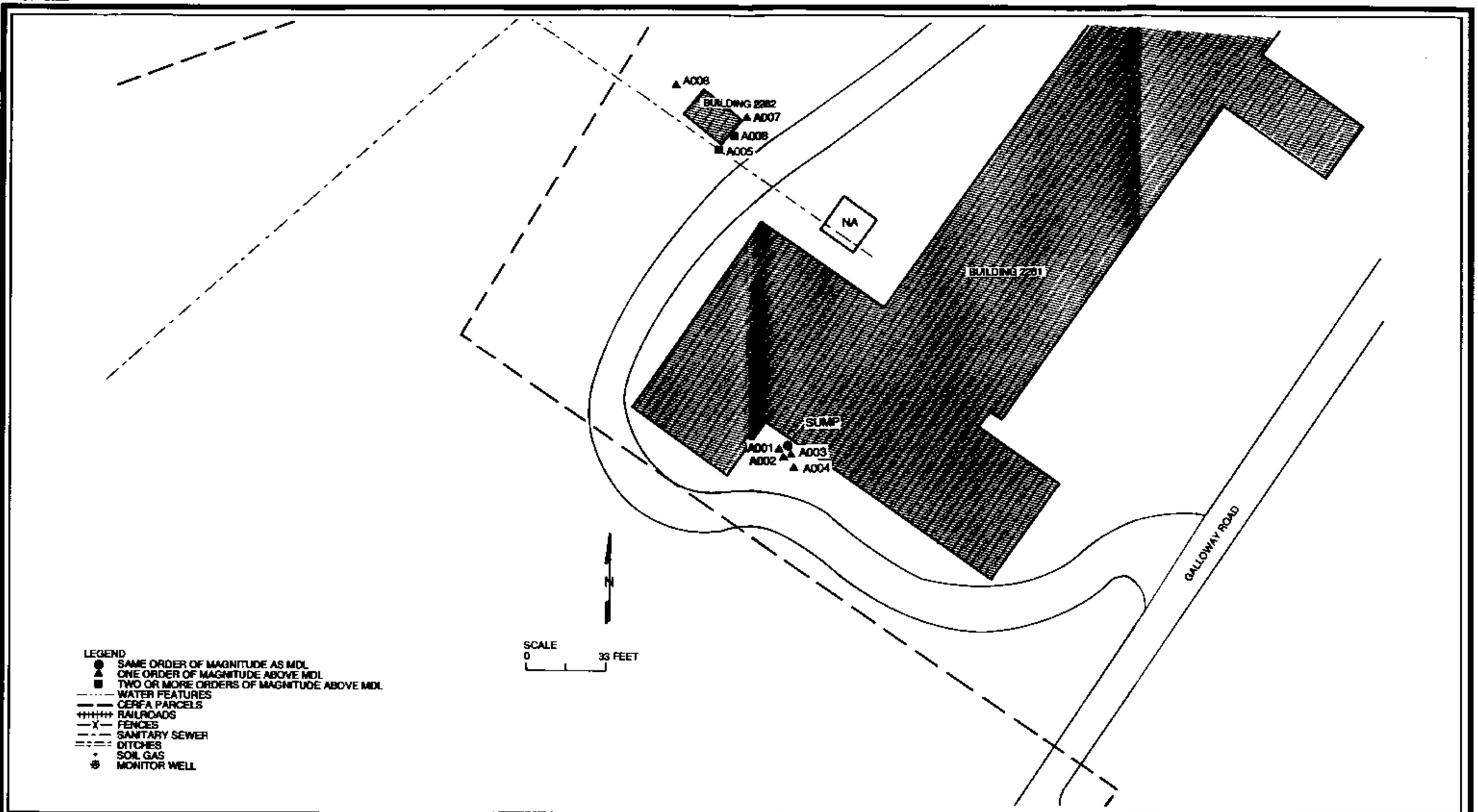


Figure A-2
CHEM SCHOOL LAB SUMP (BUILDING 2281)

SOURCE: QST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

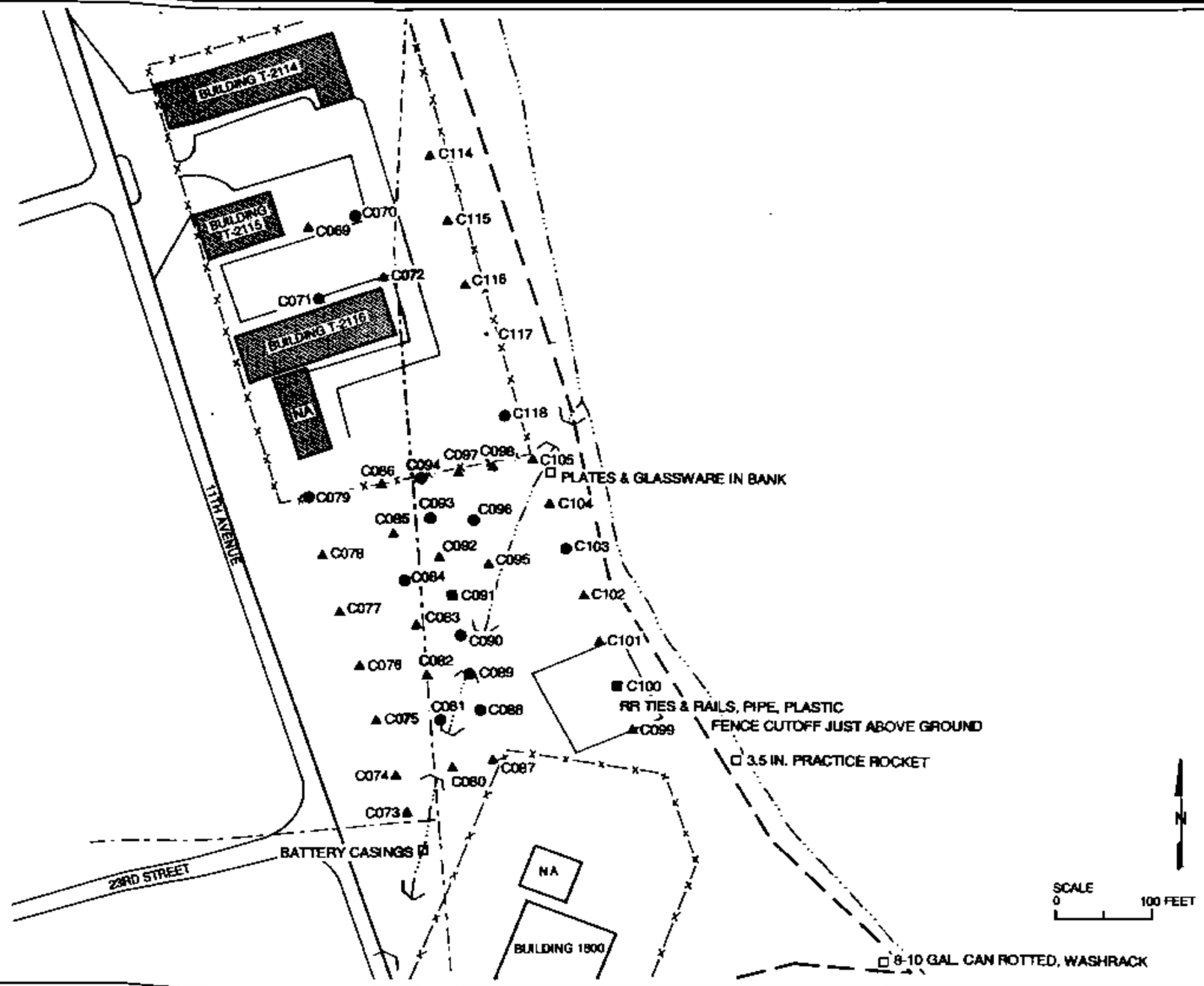


Figure A-3
FORMER DPDO SALVAGE YARD

SOURCE: CST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

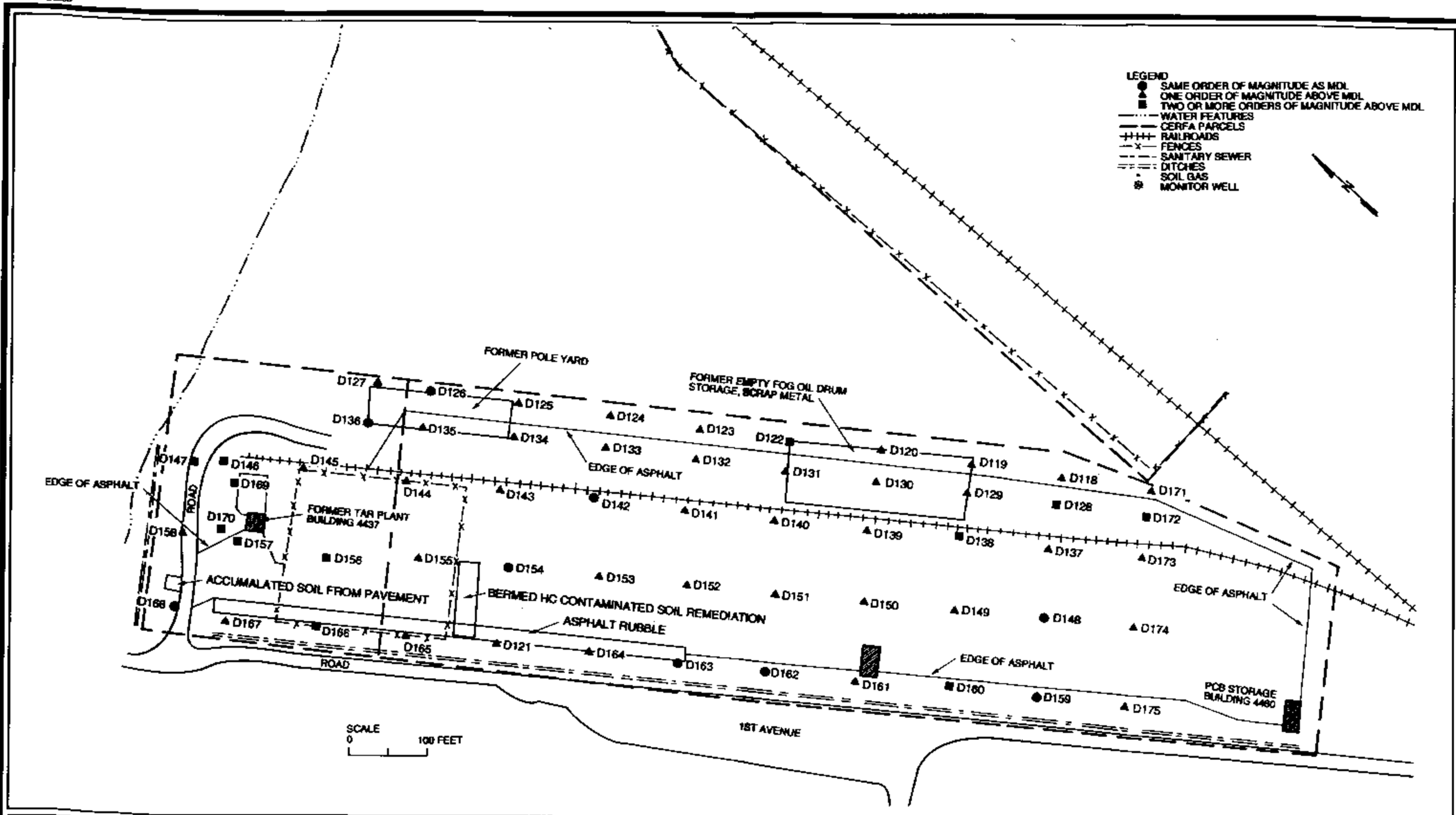


Figure A-4
CONTRACTOR LAYDOWN AREA AND FORMER TAR PLANT

SOURCE: OST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

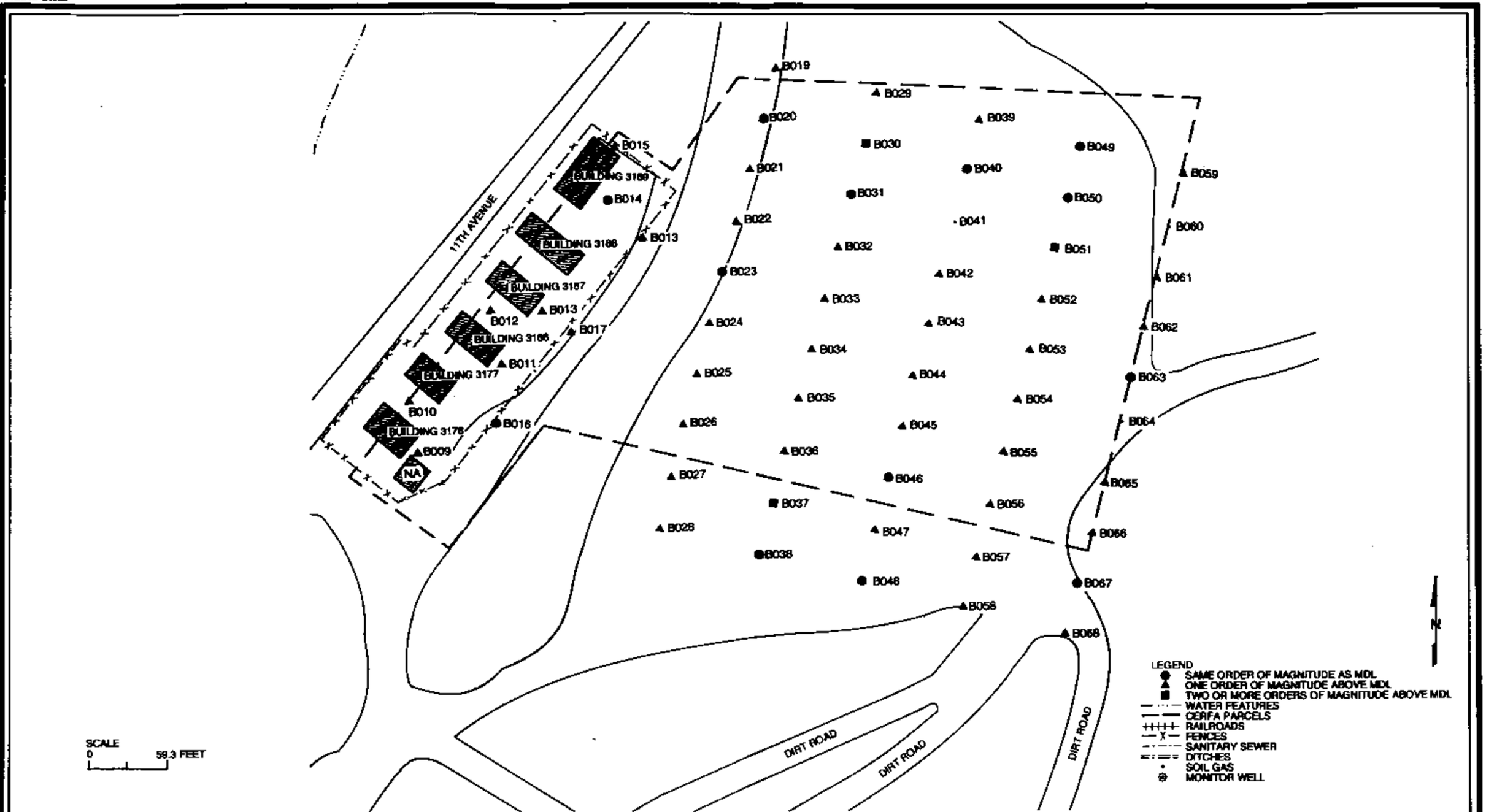


Figure A-5
FORMER SANDEL FLAME THROWER RANGE

SOURCE: QST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

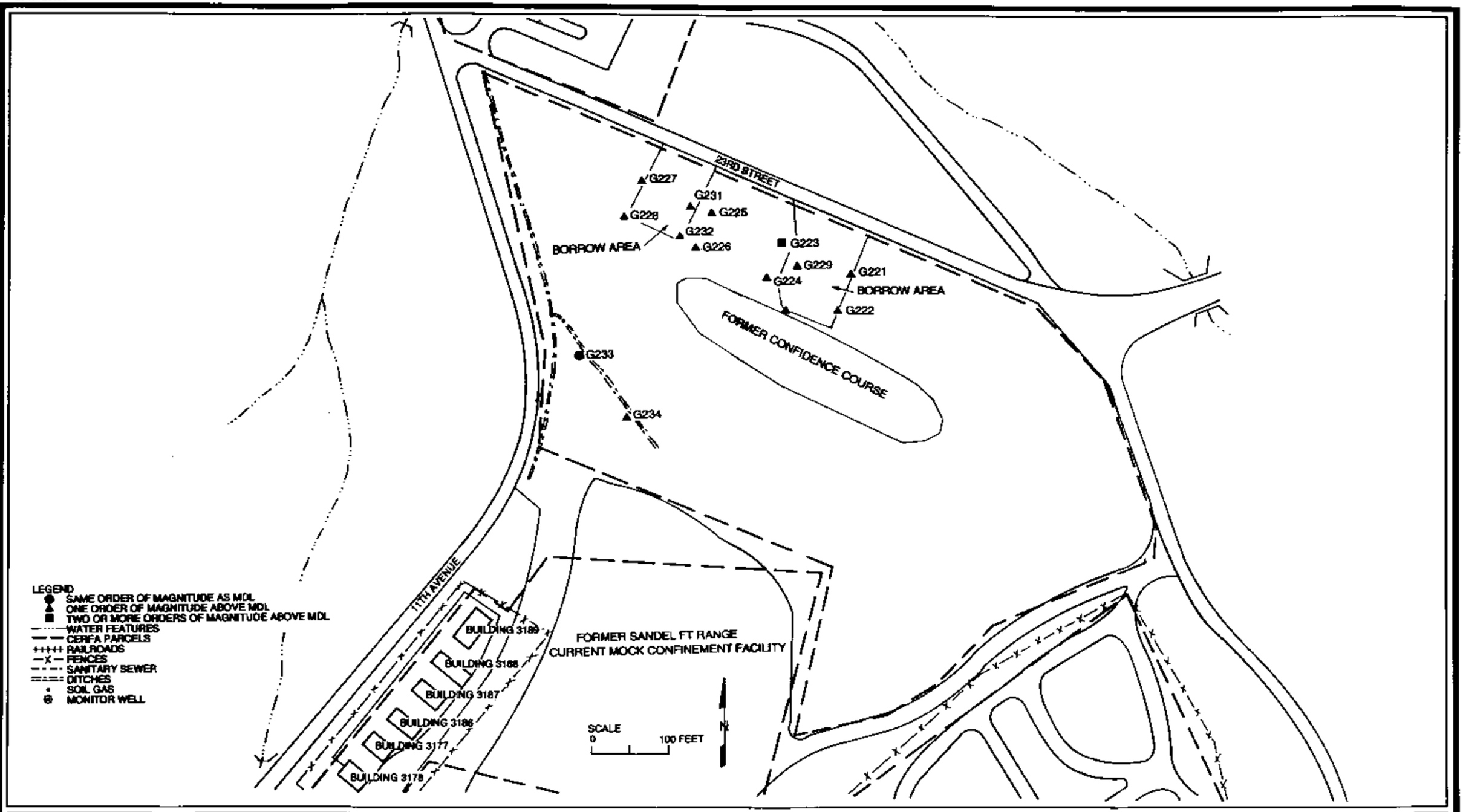


Figure A-6
GROUND SCAR SOUTH OF THE AUTOCRAFT SHOP

SOURCE: QST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

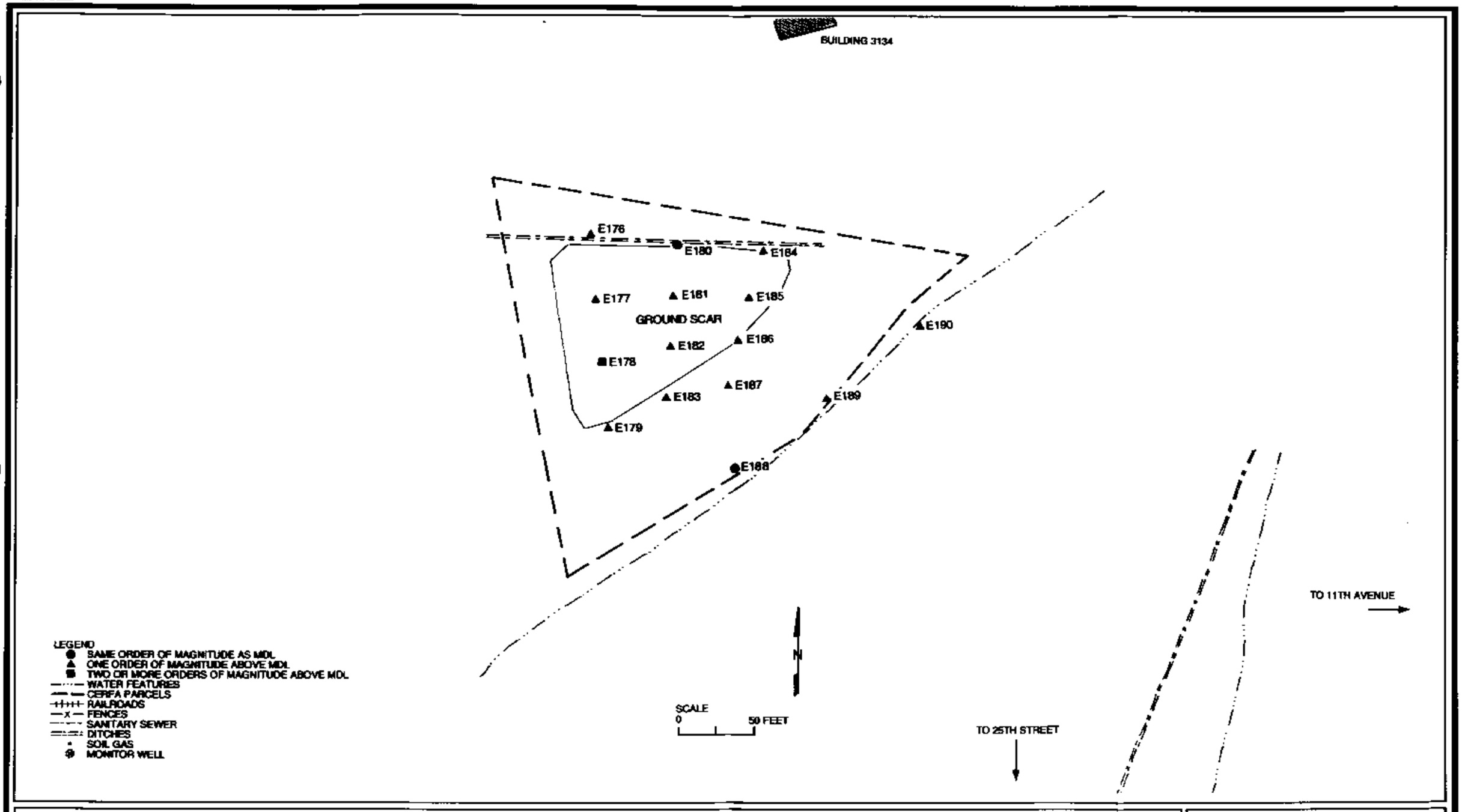


Figure A-7
GROUND SCAR SOUTH OF BUILDING 3134

SOURCE: QST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

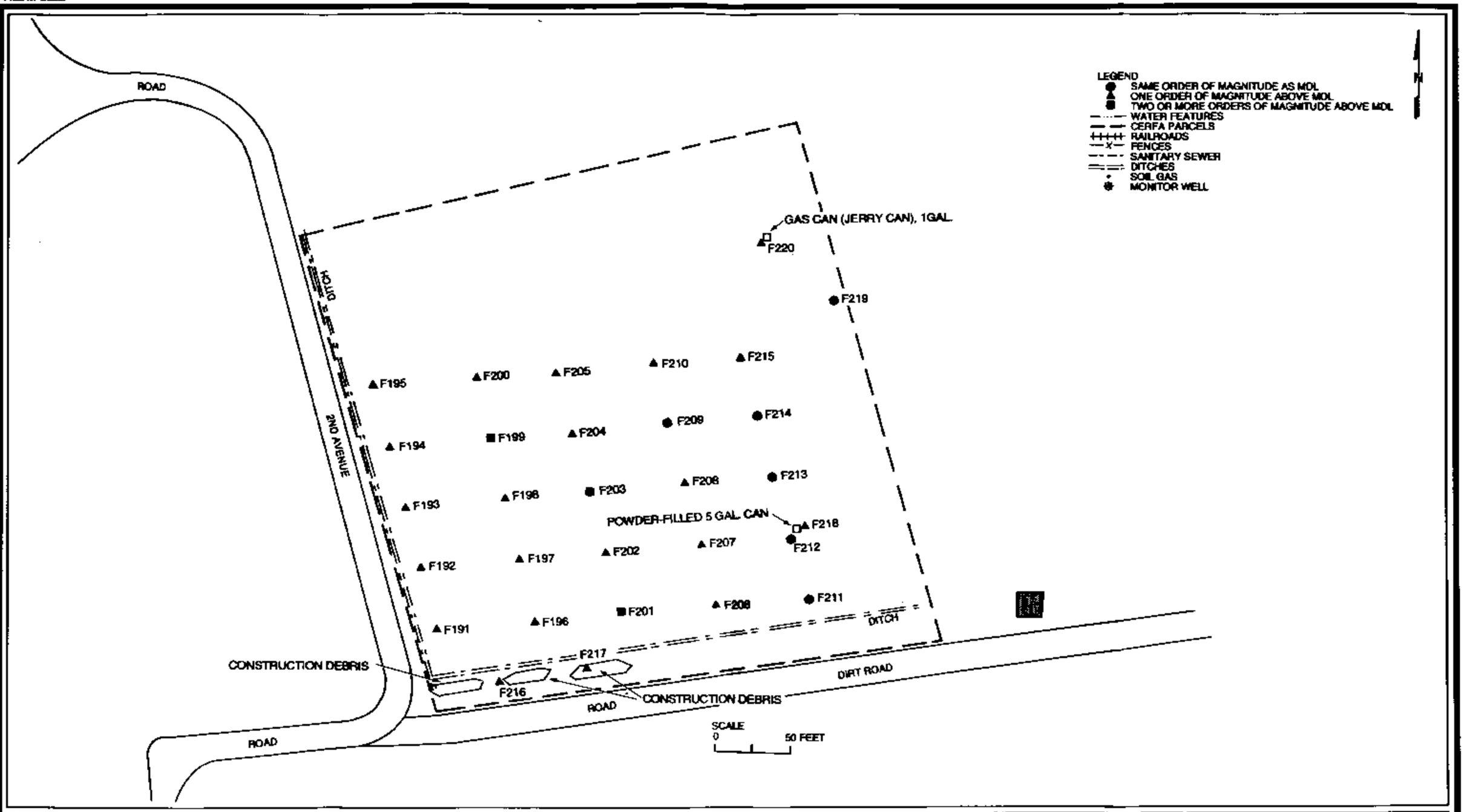


Figure A-8
GROUND SCAR NEAR THE ASP

SOURCE: OST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

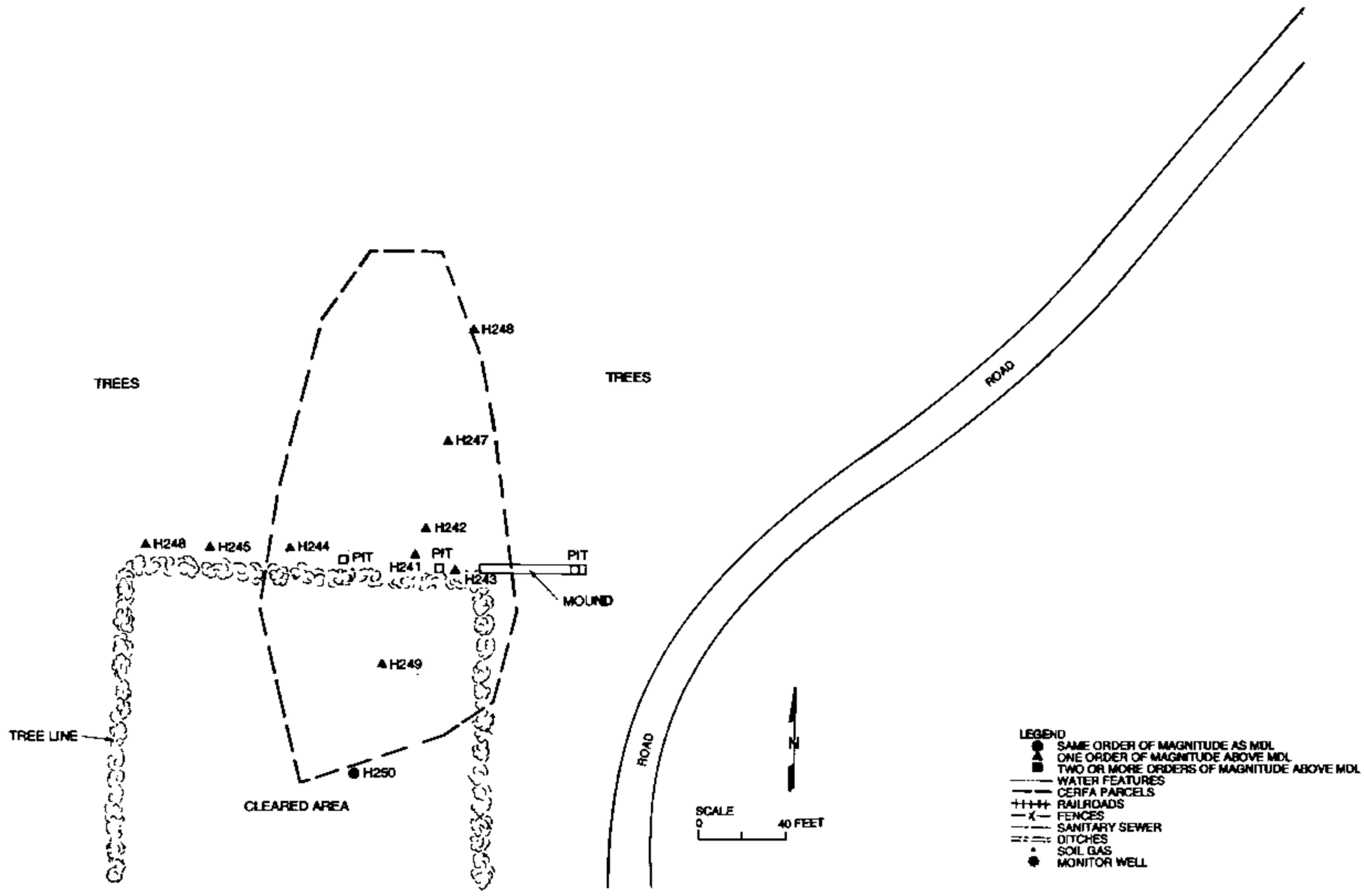


Figure A-9
GROUND SCAR/PIT

SOURCE: GST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

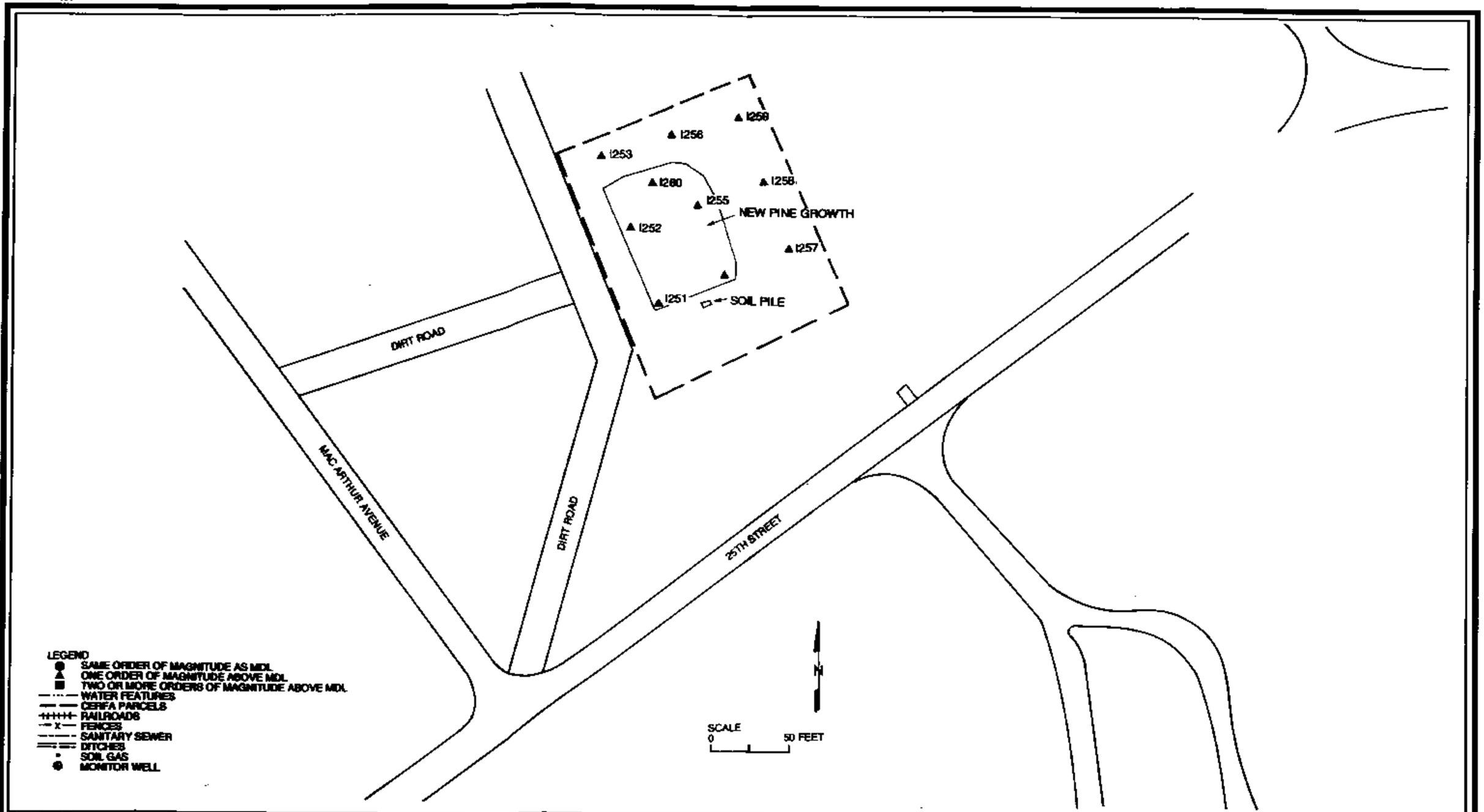


Figure A-10
GROUND SCARPIT

SOURCE: OST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District

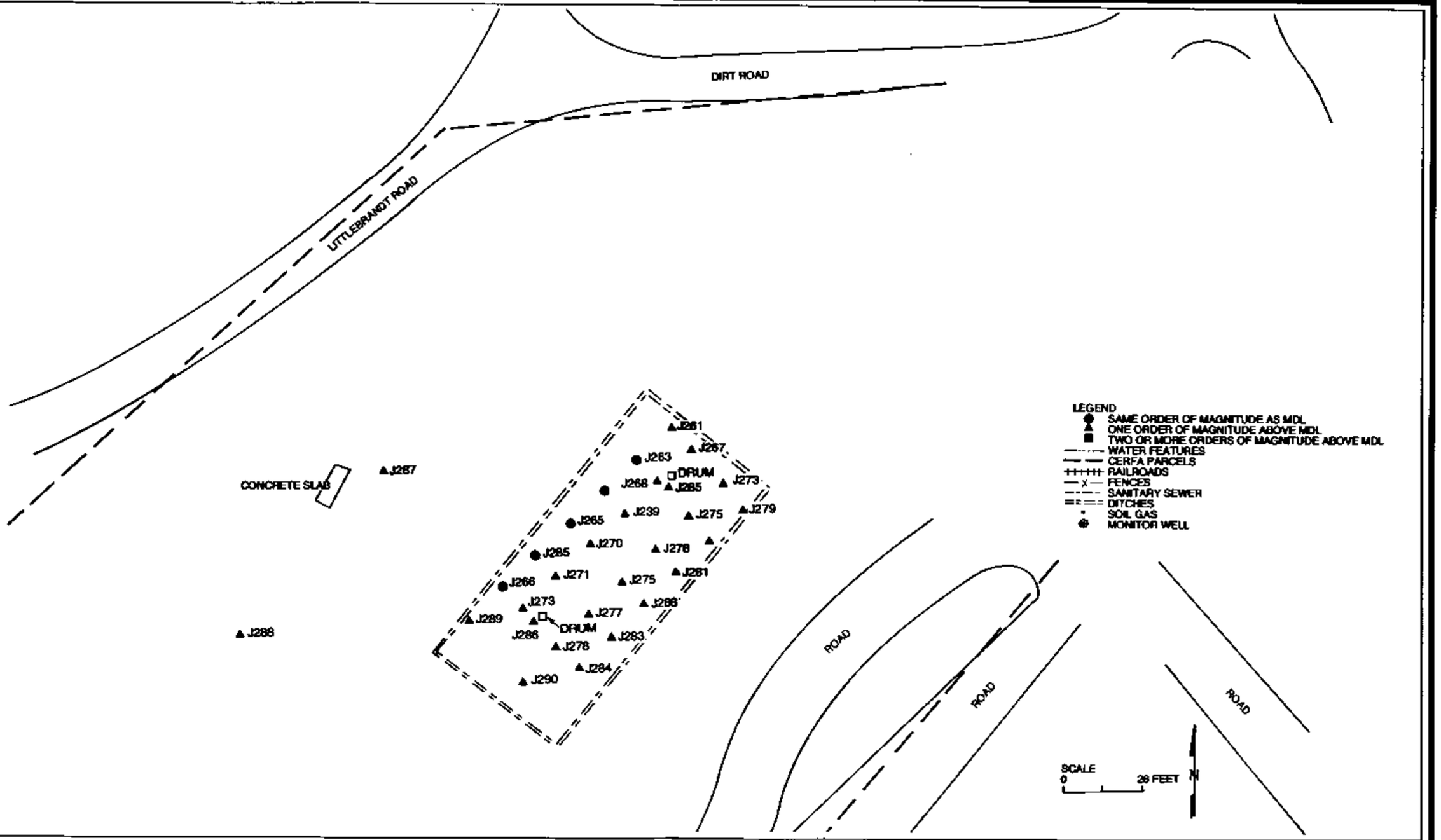


Figure A-11
GROUND SCAR TRENCHES

SOURCE: GST.

FORT McCLELLAN

U.S. Army Corps of Engineers
Mobile District