

January 19, 2006

Mr. Greg Smith  
North Carolina Department of Transportation  
Geotechnical Engineering Unit  
1589 Mail Service Center  
Raleigh, North Carolina 27699-1589



Reference: Preliminary Site Assessment  
William Sheppard Property  
2461 US 17 North  
Washington, Beaufort County, North Carolina  
NCDOT Project R-2510C  
WBS Element 34440.1.1  
Earth Tech Project No. 90389

Dear Mr. Smith:

Earth Tech of North Carolina, Inc., (Earth Tech) has completed the Preliminary Site Assessment conducted at the above-referenced property. The work was performed in accordance with the Technical and Cost proposal dated November 17, 2005, and the North Carolina Department of Transportation's (NCDOT's) Notice to Proceed dated November 22, 2005. Activities associated with the assessment consisted of collecting soil and groundwater samples for laboratory analysis, and reviewing applicable North Carolina Department of Environment and Natural Resources (NCDENR) records. The purpose of this report is to document the field activities, present the laboratory analyses, and provide recommendations regarding the property.

### **Location and Description**

The William Sheppard Property is located at 2461 US 17 North in Washington, North Carolina. The property is situated on the west side of US 17 approximately 1600 feet south of the intersection of US 17 and Cherry Run Road (Figure 1). Based on information supplied by the NCDOT and the site visit, Earth Tech understands from the tenant that the site is a former gas station, but the number of USTs used at the site and their status was unknown. The tenant was able to confirm the location of an underground propane tank at a location on the northwest side of the building. The property consists of a single-story commercial-type building and a residential dwelling with a gravel-covered drive and parking area (Figure 2). Because of the unknown status of potential USTs, the NCDOT requested a Preliminary Site Assessment to evaluate the soils on the property.

Earth Tech reviewed the North Carolina Department of Environment and Natural Resources (NCDENR) Incident Management database and no incident number was listed for this location. Earth Tech also reviewed the UST registration database to evaluate if USTs were present at the location. No USTs were registered for this address.

### **Geophysical Survey**

Prior to Earth Tech's mobilization to the site, Schnabel Engineering conducted a geophysical survey to evaluate if USTs were present on the property. The geophysical survey consisted of an electromagnetic survey with a follow up with a ground penetrating radar (GPR) survey.

Several anomalies were detected in the geophysical survey. Three anomalies were attributed to possible USTs. One anomaly was located approximately 20 feet northwest of the building and coincided with the known underground propane tank. Two anomalies were located between the building and US 17. The GPR results indicated two potential USTs, each about 3 feet in diameter and 5 feet long. These measurements suggest tanks equivalent to 250-gallons in size each and at a depth of about 1.5 feet below ground surface (Figure 2). The locations of the borings for the site assessment were based on this information. A detailed report of the geophysical survey is presented in Attachment A.

### **Site Assessment Activities**

On December 21, 2005, Earth Tech mobilized to the site to conduct a Geoprobe<sup>®</sup> direct push investigation to evaluate soil conditions on the property. Continuous sampling using direct push technology (Regional Probing of Wake Forest, North Carolina) resulted in generally good recovery of soil samples from the direct-push holes. Soil samples were collected and contained in 4-foot long acetate sleeves inside the direct push sampler. Each of these sleeves was divided in half for soil sample screening. Each 2-foot interval was placed in a resealable plastic bag and the bag was set aside for a sufficient amount of time to allow volatilization of organic compounds from the soil to the bag headspace. The probe of a flame-ionization detector (FID) was inserted into the bag and the reading was recorded. After terminating the sample hole, the soil sample from the depth interval with the highest FID reading was submitted to Paradigm Analytical Laboratories, Inc., in Wilmington, North Carolina, using standard chain-of-custody procedures. The laboratory analyzed the soil samples for total petroleum hydrocarbons (TPH) using extraction methods 3550 (diesel range organics) and 5030 (gasoline range organics).

Eight direct-push holes (HP-1 through HP-8) were advanced at the site to a depth of 6 feet as shown in Figure 2 and Attachment B. The borings were located to evaluate the areas where the geophysical survey identified potential USTs (Attachment C). Borings HP-1 and HP-2 were located to evaluate the anomaly northwest of the building. Borings HP-3 through HP-6 were located to assess the anomalies in front of the building. Borings HP-7 and HP-8 were located to sample soils in the potential pump island area. The lithology encountered by the direct-push samples generally was consistent throughout the site. The ground surface for the boring locations

was covered with about 4 inches of topsoil or gravel. Below the surface treatment to a depth of 2 feet was a medium to dark gray silt and sand. From a depth of 2 to 6 feet, the soil consisted of a medium brown to medium gray fine-grained sand. Groundwater was encountered in the initial boring at a depth of about 6.5 feet. As a result the remaining borings were terminated at a depth of 6 feet. Based on field screening, soil samples were submitted for laboratory analysis, which are summarized in Table 1.

The shallow groundwater depth suggests that any contamination present in the soil would impact the groundwater. To evaluate the groundwater conditions, a water sample was collected from boring HP-4 (Figure 2), which was in a location that appeared to be representative of subsurface conditions in the UST area in front of the building. The groundwater sample was collected using the direct-push equipment. The direct push probe was advanced into the groundwater and the screen exposed. The water sample was collected with a peristaltic sampling pump. After purging the well to reduce turbidity, the water sample was transferred directly into laboratory-supplied containers. The containers were placed on ice and transported to the laboratory for analysis of volatile organic compounds using EPA Method 6230D and semivolatile organic compounds using EPA Method 625.

### **Analytical Results**

Based on the soil laboratory reports, summarized in Table 1 and presented in Attachment D, no petroleum hydrocarbon compounds were detected in any of the eight soil samples collected from the site (Figure 3). According to the North Carolina Underground Storage Tank Section's Underground Storage Tank Closure Policy dated August 24, 1998, the action level for TPH analyses is 10 mg/kg for both gasoline and diesel fuel. However, that agency's "Guidelines for Assessment and Corrective Action," dated April 2001, does not allow for use of TPH analyses for confirmation of the extent of petroleum contamination or its cleanup. As a result, while TPH concentrations are no longer applicable in determining if soil contamination is present, this analysis is a legitimate screening tool. Based on the TPH action level for UST closures, the assumed action level for this report is 10 mg/kg. None of the soil samples collected from the site contained a TPH concentration above the 10 mg/kg assumed action level.

Based on the groundwater analytical reports, summarized in Table 2 and presented in Attachment D, no target compounds were detected above the method detection limit. As a result, no compounds were detected above the groundwater quality standards.

### **Conclusions and Recommendations**

A Preliminary Site Assessment was conducted to evaluate the William Sheppard Property located at 2461 US 17 North in Washington, Beaufort County, North Carolina. Eight soil borings were advanced to evaluate the soil and groundwater conditions on the property. The laboratory reports of the soil samples from these borings indicate that none of the samples contained TPH concentrations above the assumed action level. The laboratory report of the groundwater sample

from one of these borings indicates that no compounds were present in concentrations above the groundwater quality standard.

Earth Tech appreciates the opportunity to work with the NCDOT on this project. No contamination was detected at the site and, as such, the NCDOT is not required to submit a copy of this report to the NCDENR. If you have any questions, please contact me at (919)854-6238.

Sincerely,



Michael W. Branson, P.G.  
Project Manager

Attachments

c: Project File





**TABLE 1**

**FIELD SCREENING AND ANALYTICAL RESULTS  
SHEPPARD PROPERTY  
WASHINGTON, BEAUFORT COUNTY, NORTH CAROLINA  
NCDOT PROJECT NO. 9.689002T (R-967CA)  
EARTH TECH PROJECT NO. 90389**

LOCATION	DEPTH (m)	OVA READING (ppm)	SAMPLE ID	ANALYTICAL RESULTS (mg/kg)	ACTION LEVEL (mg/kg)
HP-1	0 - 2	1.09			
	2 - 4	1.52	HP-1	DRO (BQL) GRO (BQL)	10 10
	4 - 6	1.18			
HP-2	0 - 2	1.21			
	2 - 4	1.43			
	4 - 6	1.76	HP-2	DRO (BQL) GRO (BQL)	10 10
HP-3	0 - 2	1.47			
	2 - 4	1.6			
	4 - 6	2.07	HP-3	DRO (BQL) GRO (BQL)	10 10
HP-4	0 - 2	2.16			
	2 - 4	1.75			
	4 - 6	2.79	HP-4	DRO (BQL) GRO (BQL)	10 10
HP-5	0 - 2	2.13			
	2 - 4	1.85			
	4 - 6	2.52	HP-5	DRO (BQL) GRO (BQL)	10 10
HP-6	0 - 2	2.16			
	2 - 4	1.94			
	4 - 6	2.83	HP-6	DRO (BQL) GRO (BQL)	10 10
HP-7	0 - 2	1.63			
	2 - 4	2.4			
	4 - 6	2.43	HP-7	DRO (BQL) GRO (BQL)	10 10
HP-8	0 - 2	1.2			
	2 - 4	1.42			
	4 - 6	1.55	HP-8	DRO (BQL) GRO (BQL)	10 10

DRO - Diesel range organics

GRO - Gasoline range organics

BQL - Below quantitation limit.

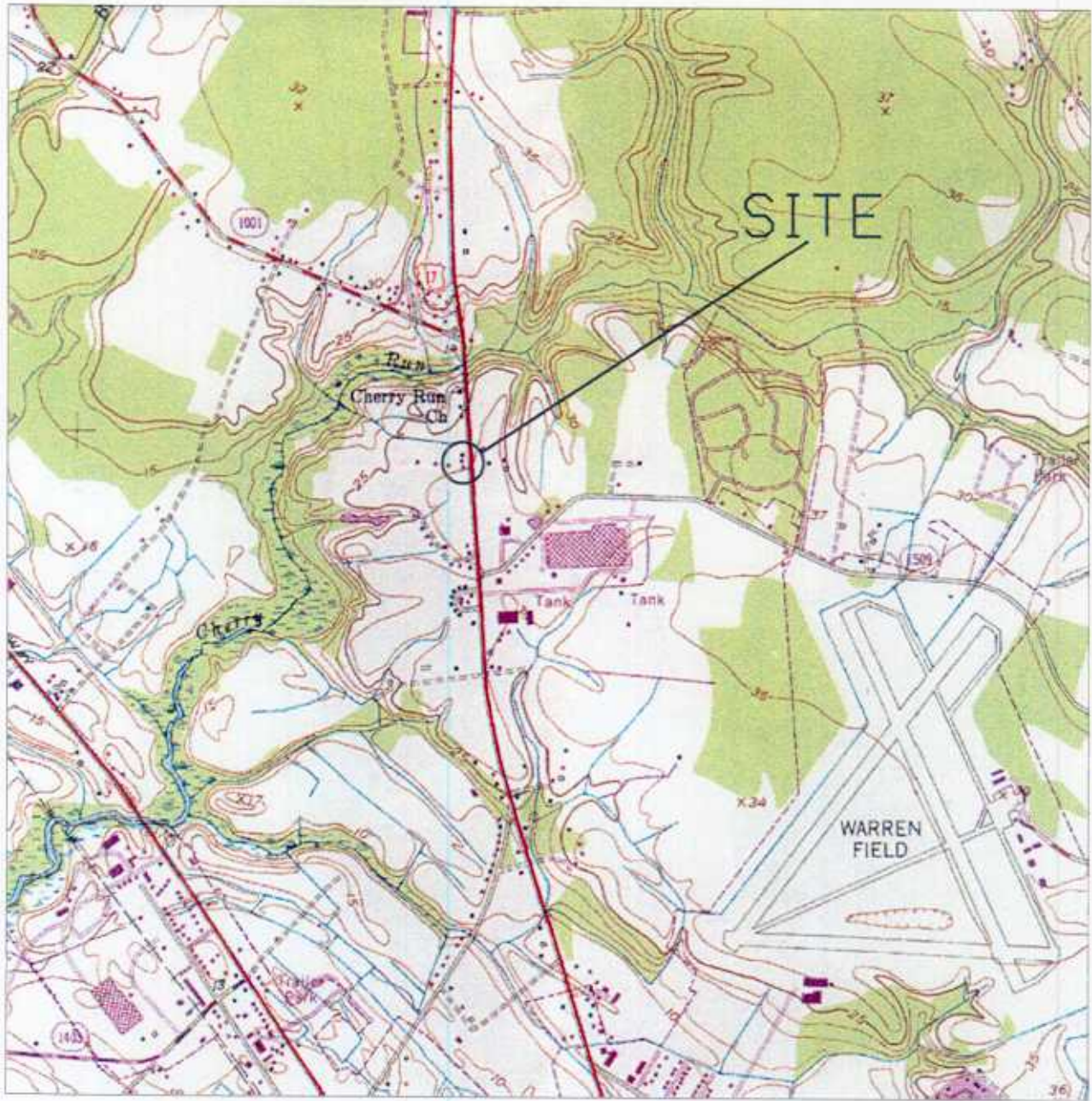
ppm - parts per million. (Note: OVA measurements above 10,000 ppm are expressed as a percentage)

mg/kg - milligrams per kilogram.

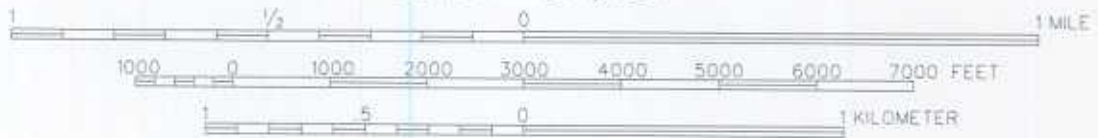
<p style="text-align: center;"><b>TABLE 2</b></p> <p style="text-align: center;"><b>GROUNDWATER ANALYTICAL RESULTS</b></p> <p style="text-align: center;"><b>SHEPPARD PROPERTY</b></p> <p style="text-align: center;"><b>WASHINGTON, BEAUFORT COUNTY, NORTH CAROLINA</b></p> <p style="text-align: center;"><b>NCDOT PROJECT NO. 9.689002T (R-967CA)</b></p> <p style="text-align: center;"><b>EARTH TECH PROJECT NO. 90389</b></p>		
COMPOUND	CONCENTRATION	GROUNDWATER QUALITY STANDARD
Benzene	<0.5	1
Toluene	<0.5	1000
Ethylbenzene	<0.5	550
Xylenes	<0.5	530
MTBE	<0.5	70
1,3,5-Trimethylbenzene	<0.5	350
1,2,4-Trimethylbenzene	<0.5	350
Isopropyl ether	<0.5	70
Naphthalene	<10	21

All concentrations expressed as micrograms per liter.

## **FIGURES**



SCALE 1:24,000

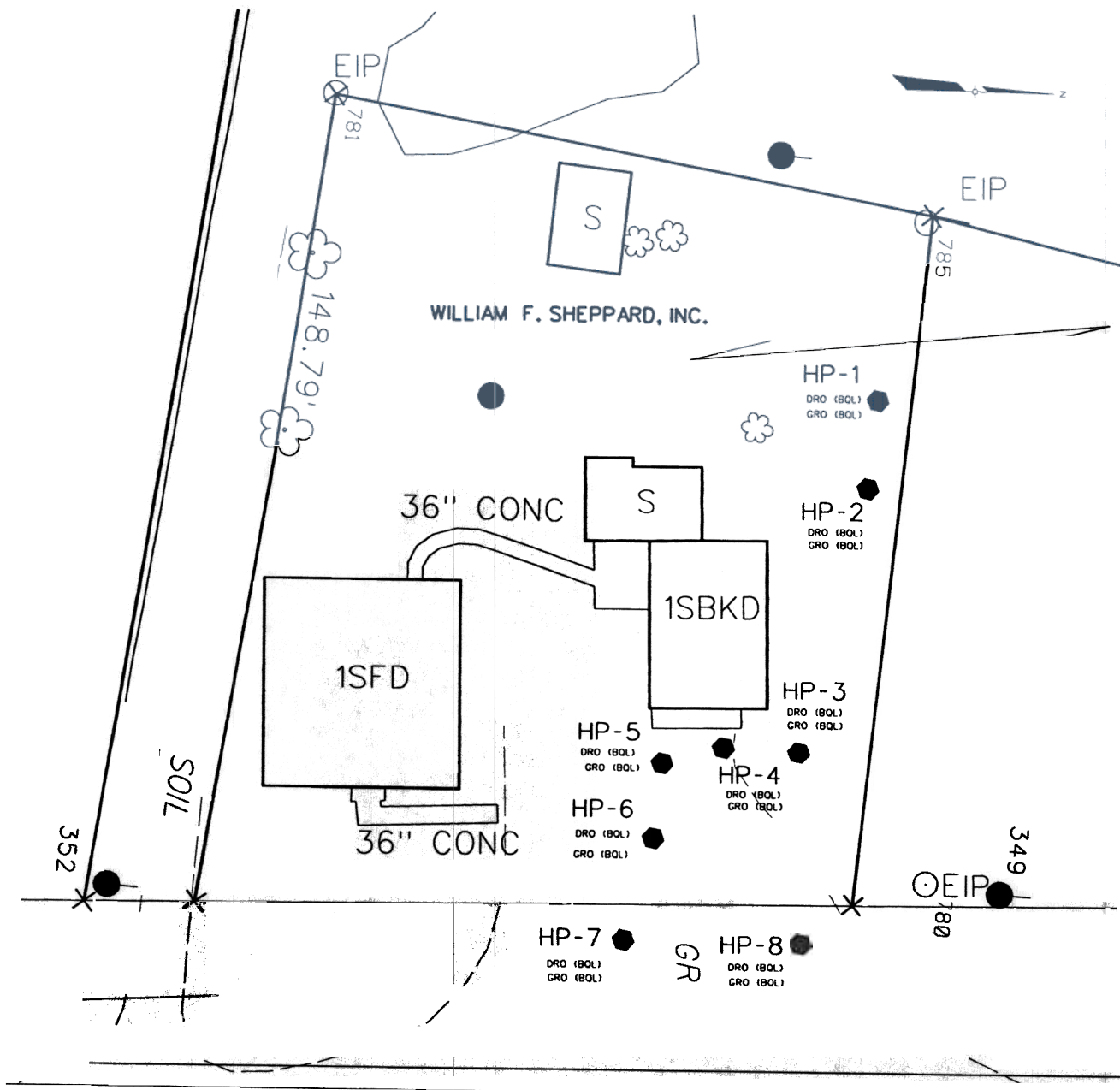


SOURCE: U.S. GEOLOGICAL SURVEY 7.5 MIN QUADRANGLE: WASHINGTON, NC (REV. 1983)



FIGURE 1  
VICINITY MAP  
SHEPPARD PROPERTY  
WASHINGTON, BEAUFORT COUNTY NORTH CAROLINA  
DECEMBER 2005





US 17 25' BST

LEGEND

- HP-1 ● SOIL SAMPLE LOCATION AND IDENTIFICATION
- DRO (123) TPH AS DIESEL FUEL IN MG/KG
- GRO (123) TPH AS GASOLINE IN MG/KG
- BQL BELOW QUANTITATION LIMIT

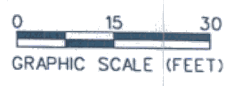


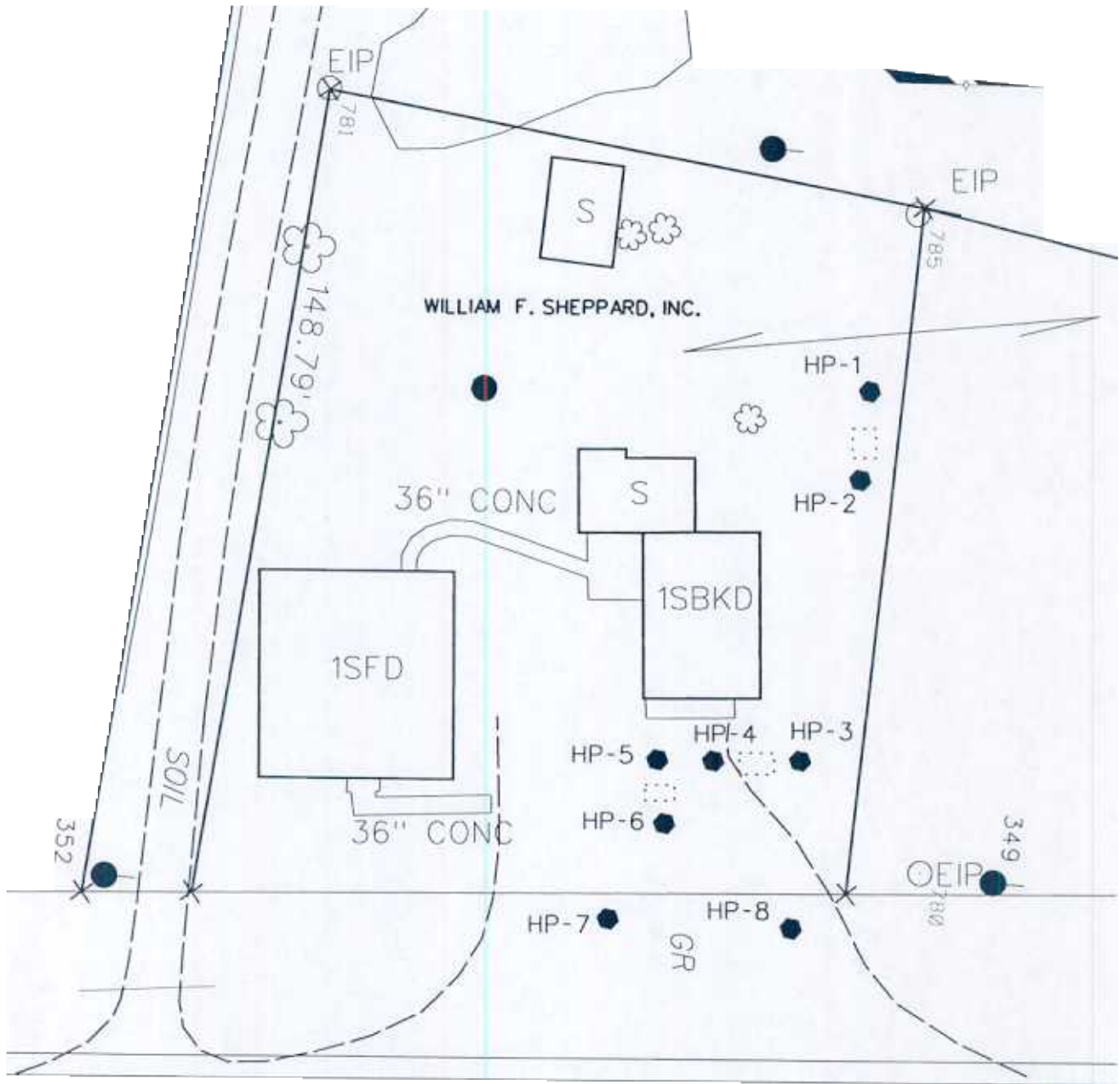
FIGURE 3  
SOIL ANALYTICAL RESULTS MAP  
SHEPPARD PROPERTY

WASHINGTON, BEAUFORT COUNTY, NORTH CAROLINA

DECEMBER 2005

90389

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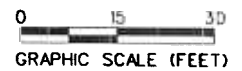
US 17 25' BST

**LEGEND**

HP-1

● SOIL SAMPLE LOCATION AND IDENTIFICATION

○ APPROXIMATE LOCATION OF USTs IDENTIFIED BY THE GEOPHYSICAL SURVEY



**FIGURE 2**

SITE MAP  
SHEPPARD PROPERTY

WASHINGTON, BEAUFORT COUNTY, NORTH CAROLINA

DECEMBER 2005

90389

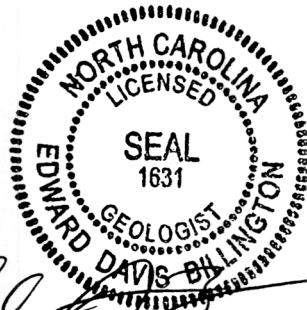


**ATTACHMENT A**

**North Carolina Department of Transportation**

**GEOPHYSICAL SURVEYS  
FOR RIGHT-OF-WAY PROPERTIES**

**State Project R-2510C, WBS Element 34440.1.1  
US 17 from South of SR 1001 to North of NC 171  
Beaufort County, North Carolina**



*Edward Davis Billington*

January 12, 2006

Project Number 05210014.01-04



11-A Oak Branch Drive, Greensboro, North Carolina 27407  
Phone (336) 274-9456; Fax (336) 274-9486

## INTRODUCTION

This work describes the site for the proposed underground storage tank (UST) located on the subject parcel. The purpose of the geophysical survey was to determine the location and depth of the UST. The survey was conducted by [redacted] under contract to NCDOT. The work was completed on [redacted] and [redacted]. The location of the subject parcel is shown on the map. The purpose of the geophysical survey was to determine the location and depth of the UST. The survey was conducted by [redacted] under contract to NCDOT. The work was completed on [redacted] and [redacted].

[redacted] conducted geophysical surveys on [redacted] & 30 and December 14, 2005, in the accessible areas of the proposed sections of the parcels owned by William Sheppard (2459 Highway 17 North), [redacted] and [redacted]. Photographs of these properties and the UST'S markouts are included on Figures 1 and 2.

The geophysical investigation consisted of an EM induction survey using a GEOTECH EM-60 MK2 instrument. The EM60 MK2 was used to detect buried metal objects to a depth of approximately 10 feet below ground surface. Ground-penetrating radar (GPR) investigation of selected EM anomalies were conducted using a Geophysical Survey Systems, Inc. (GSSI) SIR 3000 system equipped with a 400 MHz antenna. A Gemini induction coil was used to detect buried metal pipes and conduits. Photographs of these structures are shown on Figure 3.

## 2. FIELD METHODOLOGY

### Location Control

Location: Geophysical data points and site features obtained from a Trimble ProXR DGPS system. References: direction of location of this report based on the state plane coordinate system. North Carolina Zone 17N. The NAD 83 datum is used. The location of the site features (buildings, curbs, signs, etc.) are recorded for later correlation with the geophysical data. For reference, the NCDOT drawing [redacted]

## 2. Data Collection

The EM data were collected along parallel profiles spaced approximately 200 feet apart. The EM and GPR data recorded digitally were later transferred to desktop computers. The GPR data collected along spaced profiles were also EM read that not appear to be caused by known objects. The GPR data were also recorded digitally and transferred to desktop computer for further processing. The GPR data were collected in continuous mode on some of the properties throughout the area and were processed and plotted on pipe grid and then the location of the buried pipe out to the sewer.

Primary author: **Mike Brannon**, Earth Tech, December 6, 2000

## 3. DISCUSSION OF RESULTS

The EM data are shown in Figure 1. The EM data were collected in the early morning and show a clear relationship between the depth and bottom of EM. The EM data were taken in effect of depth and are typical of objects. Typical EM response shows anomalies from deeper and larger objects as UST.

### William Shepard Property

The parcel owned by William Shepard located at the U.S. approximately 600 feet south of Church road, was purchased in NC. The EM data for this parcel are shown in Figure 2. The EM data were collected in the early morning and show several anomalies. The EM data were collected in effect of depth and are typical of objects. Typical EM response shows anomalies from deeper and larger objects as UST.

several nascent anomalies remaining anomalies The differential data set attributed to  
 known cultural features (vesti) further with GPR. The GPR data indicated the presence  
 three of the USTs. Figure 3. An example GPR image shows a reflect  
 from the northernmost UST included in Figure 3. The GPR data indicate that these three  
 USTs are located below three feet of soil and are between six and eight  
 feet deep. The USTs contain approximately 250,000 gallons of liquid. The USTs appear to be buried below  
 the ground surface.

[REDACTED]

The [REDACTED]  
 [REDACTED]  
 C [REDACTED]  
 [REDACTED]  
 a [REDACTED]  
 a [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED] also identifies the locations of the USTs  
 [REDACTED]

**[REDACTED] Party**

The [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED] has been buried  
 [REDACTED]  
 [REDACTED]

[REDACTED]

#### 4.0 CONCLUSIONS

Our evaluation of the geophysical data collected over the five parcels on State Project R-2510-C in Beaufort County, NC indicate the following:

- The geophysical data indicate the presence of possible UST's within the survey areas on the Sheppard, [REDACTED] as detailed below.
- The geophysical data indicate the presence of three possible UST's on the Sheppard Property. Each possible UST is about three feet in diameter and about five to six feet in length, with approximate capacities of 250-300 gallons.

- [REDACTED]

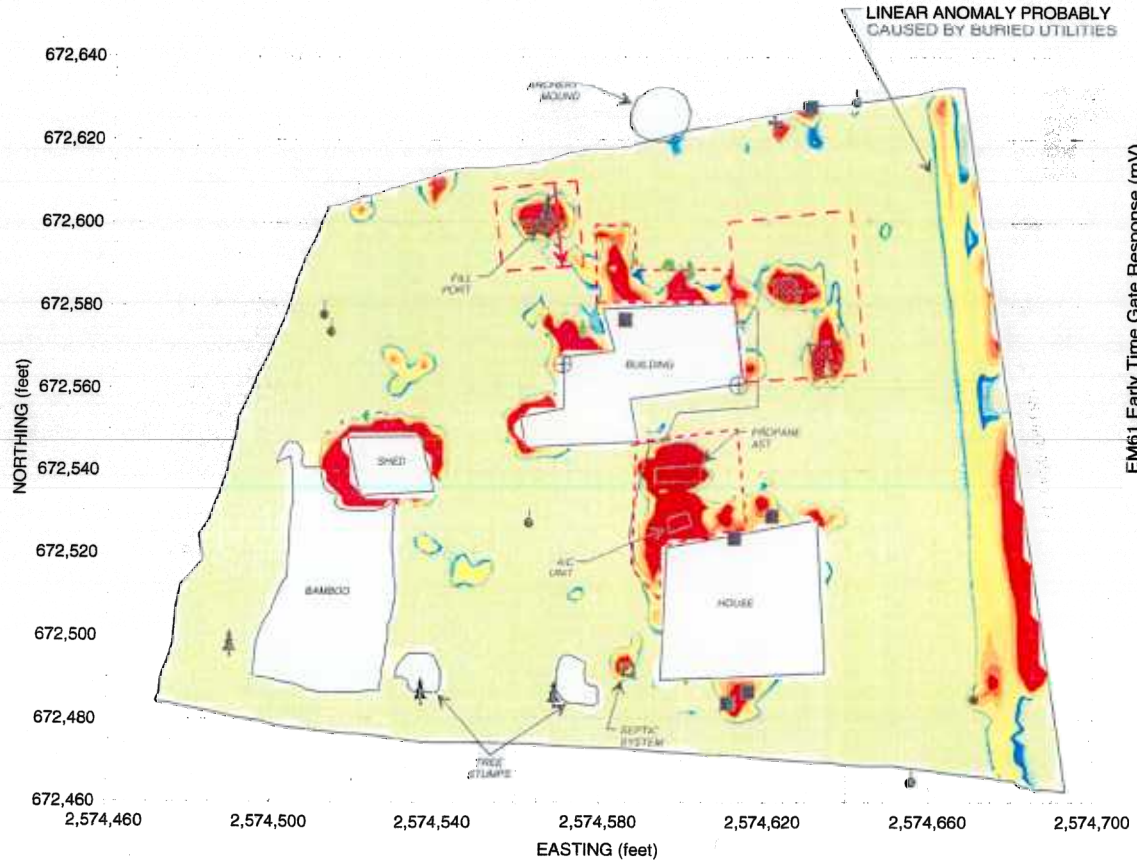
- [REDACTED]

- [REDACTED]

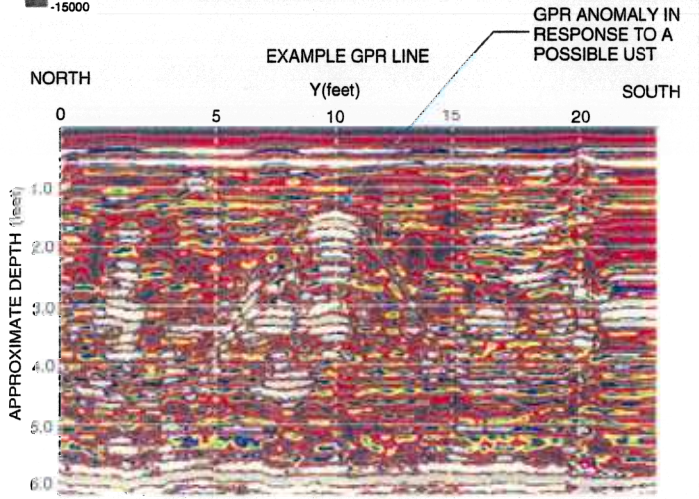
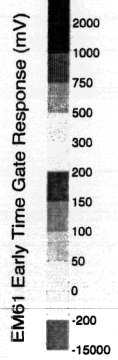


## **5.0 LIMITATIONS**

These services have been performed and this report prepared for the North Carolina Department of Transportation in accordance with generally accepted guidelines for conducting geophysical surveys. It is generally recognized that the results of geophysical surveys are non-unique and may not represent actual subsurface conditions.



- EXPLANATION**
- EM61 SURVEY AREA - DATA ACQUIRED ALONG PARALLEL SURVEY LINES SPACED APPROXIMATELY 2.5 FEET APART
  - + GUY WIRE
  - SIGN
  - ⊕ UTILITY
  - METALLIC OBJECT
  - ▲ TREES
  - UTILITY POLE
  - PIPES
  - GPR SURVEY AREA
  - ⊗ APPROXIMATE LOCATION OF UST AND ASSOCIATED PRODUCT LINE AS MARKED ON SURFACE
  - ← EXAMPLE GPR LINE



Note: The contour plot shows the earliest and most sensitive time gate of the EM61 bottom coil/channel in millivolts (mV). The EM data were collected on November 30 through December 2, 2005, using a Geonics EM61-MK2 instrument. Positioning for EM61 survey provided using a submeter Trimble ProXRS DGPS system. Coordinates are in the US State Plane 1983 System, North Carolina 3200 Zone, using the NAD 1983 datum. GPR data were acquired on December 13 and 14, 2005, using a Geophysical Survey Systems, Inc. SIR-2000 equipped with a 400 MHz antenna.

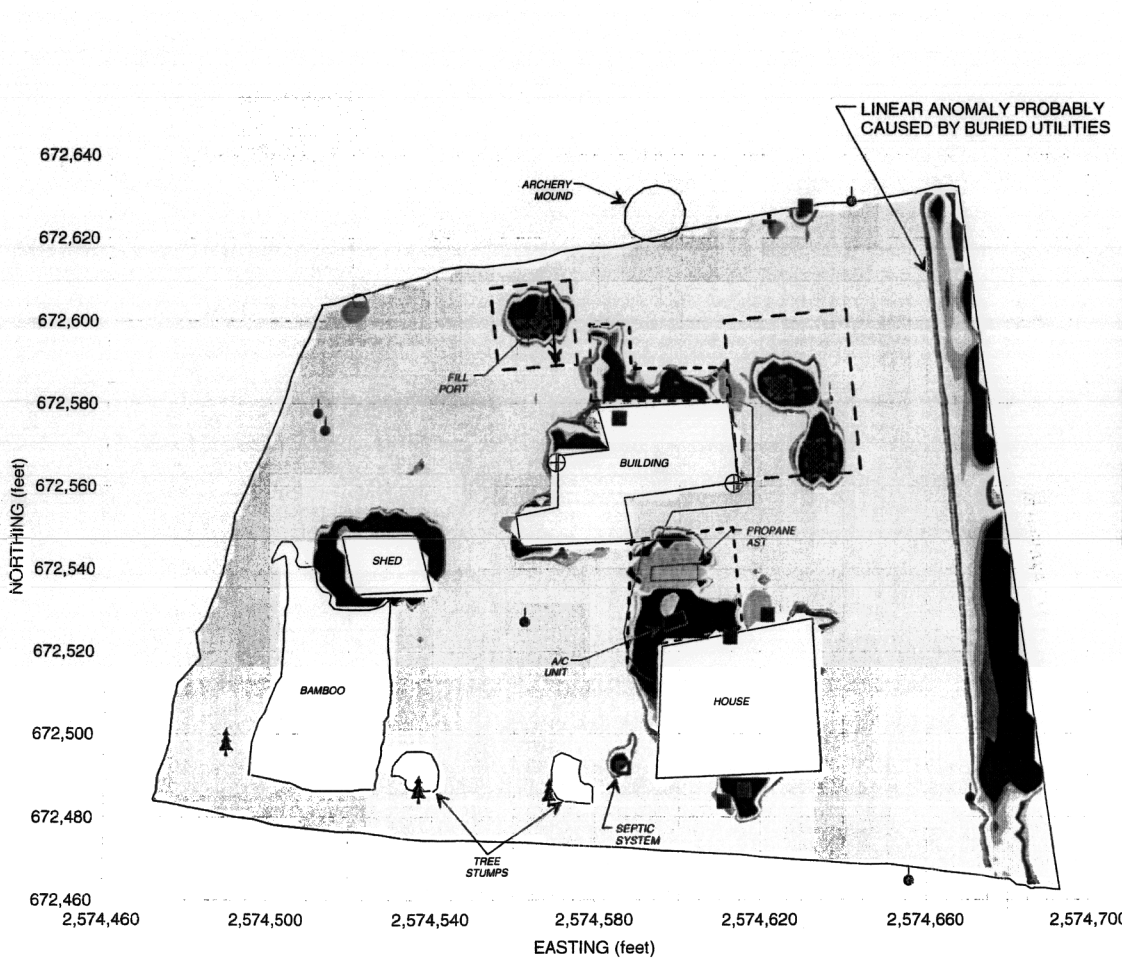


NC Department of Transportation  
Geotechnical Engineering Unit

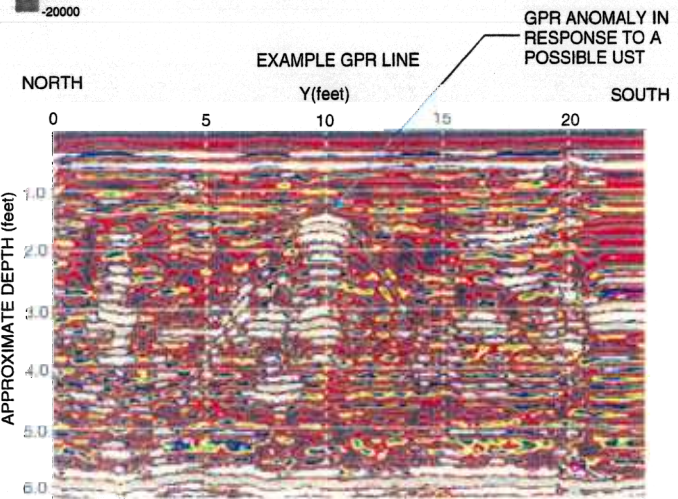
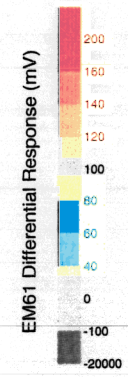
State Project No. R-2510C  
Washington, North Carolina

**SHEPPARD PROPERTY  
EM61 EARLY  
TIME GATE RESPONSE  
WITH GPR IMAGE**

FIGURE 4



- EXPLANATION**
- EM61 SURVEY AREA - DATA ACQUIRED ALONG PARALLEL SURVEY LINES SPACED APPROXIMATELY 2.5 FEET APART
  - ⊕ GUY WIRE
  - ⊙ SIGN
  - ⊕ UTILITY
  - METALLIC OBJECT
  - 🌲 TREES
  - ⦿ UTILITY POLE
  - PIPES
  - ⊞ GPR SURVEY AREA
  - ⊞ APPROXIMATE LOCATION OF UST AND ASSOCIATED PRODUCT LINE AS MARKED ON SURFACE
  - ← EXAMPLE GPR LINE



Note: The contour plot shows the difference, in millivolts (mV), between the readings from the top and bottom coils of the EM61. The difference is taken to reduce the effect of shallow metal objects and emphasize anomalies caused by deeper metallic objects, such as pipes and tanks. The EM data were collected on November 30 through December 2, 2005, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey provided using a submeter Trimble ProXRS DGPS system. Coordinates are in the US State Plane System, North Carolina 3200 Zone, using the NAD 1983 datum. GPR data were acquired on December 13 and 14, 2005, using a Geophysical Survey Systems, Inc. SIR-2000 equipped with a 400 MHz antenna.



NC Department of Transportation  
Geotechnical Engineering Unit  
State Project No. R-2510C  
Washington, North Carolina

**SHEPPARD PROPERTY  
EM61 DIFFERENTIAL  
RESPONSE  
WITH GPR IMAGE**  
FIGURE 5



**ATTACHMENT B**

# TEST BORING REPORT

PROJECT WASHINGTON PSAs - SHEPPARD PROPERTY

CLIENT NCDOT

PROJECT NUMBER 90389

CONTRACTOR REGIONAL PROBING

EQUIPMENT GEOPROBE

BORING NUMBER HP-1

PAGE 1

ELEVATION \_\_\_\_\_

DATE 12/21/05

DRILLER OPPER

PREPARED BY BRANSON

DEPTH IN FEET	OVA (ppm)	BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
	1.09				4" TOPSOIL, MEDIUM TO DARK GRAY SILT/SAND, DRY, NO ODOR.
	1.52				
5.0	1.18				MOTTLED MEDIUM BROWN AND MEDIUM GRAY SILT/SAND, MOIST, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
					AS ABOVE, MOIST, NO ODOR.
					GROUNDWATER AT 6 FEET. BORING TERMINATED AT 6 FEET.
10.0					
15.0					
20.0					

# TEST BORING REPORT

**PROJECT** WASHINGTON PSAs - SHEPPARD PROPERTY  
**CLIENT** NCDOT  
**PROJECT NUMBER** 90389  
**CONTRACTOR** REGIONAL PROBING  
**EQUIPMENT** GEOPROBE

**BORING NUMBER** HP-2  
**PAGE** 1  
**ELEVATION** \_\_\_\_\_  
**DATE** 12/21/05  
**DRILLER** OPPER  
**PREPARED BY** BRANSON

DEPTH IN FEET	OVA (ppm)	BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
	1.21				4" TOPSOIL, MEDIUM TO DARK GRAY SILT/SAND, DRY, NO ODOR.  MEDIUM GRAY FINE-GRAINED SAND, MOIST, NO ODOR.  AS ABOVE, MOIST, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.  BORING TERMINATED AT 6 FEET.
	1.43				
5.0	1.76				
10.0					
15.0					
20.0					



# TEST BORING REPORT

**PROJECT** WASHINGTON PSAs - SHEPPARD PROPERTY  
**CLIENT** NCDOT  
**PROJECT NUMBER** 90389  
**CONTRACTOR** REGIONAL PROBING  
**EQUIPMENT** GEOPROBE

**BORING NUMBER** HP-3  
**PAGE** 1  
**ELEVATION** \_\_\_\_\_  
**DATE** 12/21/05  
**DRILLER** OPPER  
**PREPARED BY** BRANSON

DEPTH IN FEET	OVA (ppm)	BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
	1.47				MEDIUM TO DARK GRAY SILT/SAND, DRY, NO ODOR.
	1.6				MEDIUM GRAY FINE-GRAINED SAND, MOIST, NO ODOR.
5.0	2.07				AS ABOVE, MOIST, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
					BORING TERMINATED AT 6 FEET.
10.0					
15.0					
20.0					

# TEST BORING REPORT

<b>PROJECT</b> <u>WASHINGTON PSAs - SHEPPARD PROPERTY</u> <b>CLIENT</b> <u>NCDOT</u> <b>PROJECT NUMBER</b> <u>90389</u> <b>CONTRACTOR</b> <u>REGIONAL PROBING</u> <b>EQUIPMENT</b> <u>GEOPROBE</u>	<b>BORING NUMBER</b> <u>HP-4</u> <b>PAGE</b> <u>1</u> <b>ELEVATION</b> _____ <b>DATE</b> <u>12/21/05</u> <b>DRILLER</b> <u>OPPER</u> <b>PREPARED BY</b> <u>BRANSON</u>
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DEPTH IN FEET	OVA (ppm)	BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
	2.16				MEDIUM TO DARK GRAY SILT/SAND, DRY, NO ODOR.
	1.75				
					MEDIUM GRAY FINE-GRAINED SAND, MOIST, NO ODOR.
	2.79				
5.0					AS ABOVE, MOIST, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
					BORING TERMINATED AT 6 FEET.
10.0					
15.0					
20.0					

# TEST BORING REPORT

**PROJECT** WASHINGTON PSAs - SHEPPARD PROPERTY  
**CLIENT** NCDOT  
**PROJECT NUMBER** 90389  
**CONTRACTOR** REGIONAL PROBING  
**EQUIPMENT** GEOPROBE

**BORING NUMBER** HP-5  
**PAGE** 1  
**ELEVATION** \_\_\_\_\_  
**DATE** 12/21/05  
**DRILLER** OPPER  
**PREPARED BY** BRANSON

DEPTH IN FEET	OVA (ppm)	BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
	2.13				MEDIUM TO DARK GRAY SILT/SAND, DRY, NO ODOR.
	1.85				MEDIUM BROWN TO MEDIUM GRAY FINE-GRAINED SAND, MOIST, NO ODOR.
5.0	2.52				AS ABOVE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
10.0					BORING TERMINATED AT 6 FEET.
15.0					
20.0					

# TEST BORING REPORT

PROJECT WASHINGTON PSAs - SHEPPARD PROPERTY

CLIENT NCDOT

PROJECT NUMBER 90389

CONTRACTOR REGIONAL PROBING

EQUIPMENT GEOPROBE

BORING NUMBER HP-6

PAGE 1

ELEVATION \_\_\_\_\_

DATE 12/21/05

DRILLER OPPER

PREPARED BY BRANSON

DEPTH IN FEET	OVA (ppm)	BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
	2.16				MEDIUM TO DARK GRAY SILT/SAND, DRY, NO ODOR.
	1.94				MEDIUM BROWN FINE-GRAINED SAND, MOIST, NO ODOR.
5.0	2.83				AS ABOVE, MOIST, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
10.0					BORING TERMINATED AT 6 FEET.
15.0					
20.0					

# TEST BORING REPORT

**PROJECT** WASHINGTON PSAs - SHEPPARD PROPERTY  
**CLIENT** NCDOT  
**PROJECT NUMBER** 90389  
**CONTRACTOR** REGIONAL PROBING  
**EQUIPMENT** GEOPROBE

**BORING NUMBER** HP-7  
**PAGE** 1  
**ELEVATION** \_\_\_\_\_  
**DATE** 12/21/05  
**DRILLER** OPPER  
**PREPARED BY** BRANSON

DEPTH IN FEET	OVA (ppm)	BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
	1.63				MEDIUM TO DARK GRAY SILT/SAND, DRY, NO ODOR.
	2.40				MEDIUM BROWN FINE-GRAINED SAND, MOIST, NO ODOR.
5.0	2.43				AS ABOVE, MOIST, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
10.0					BORING TERMINATED AT 6 FEET.
15.0					
20.0					

# TEST BORING REPORT

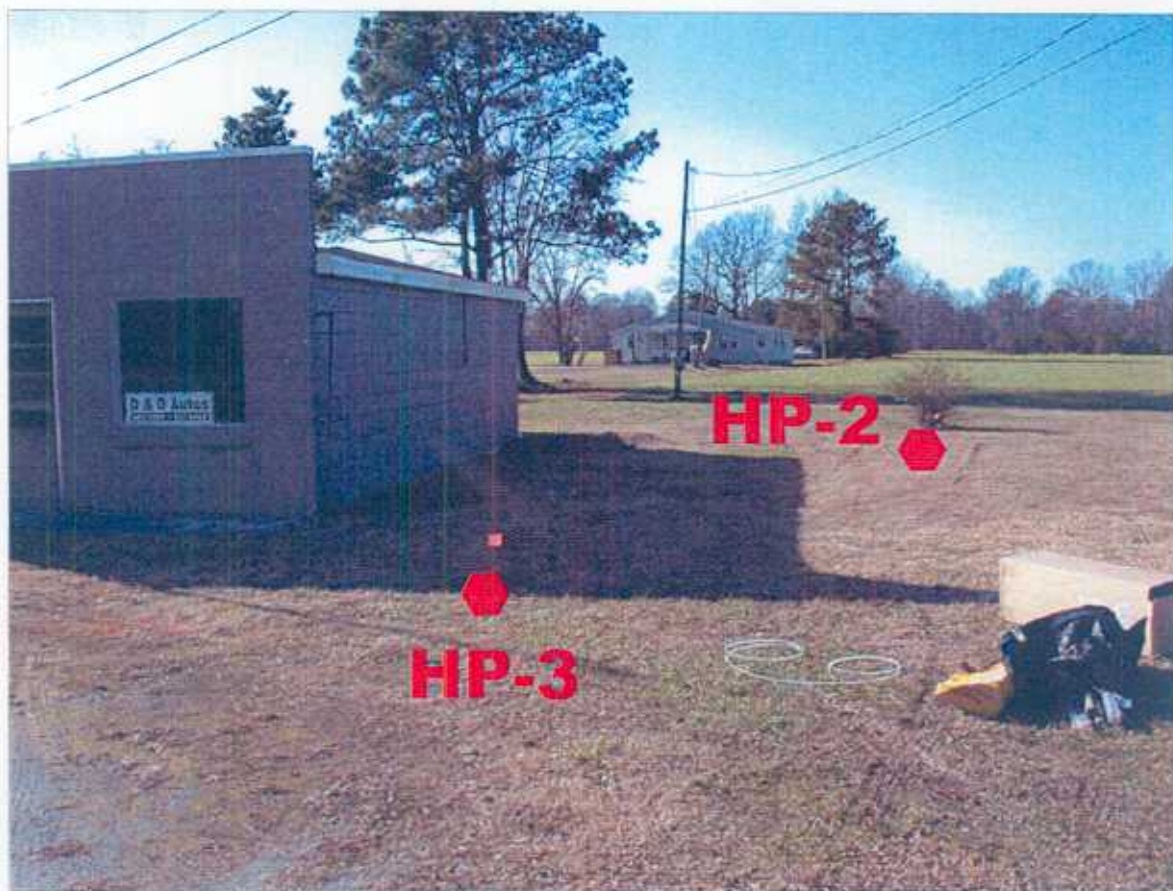
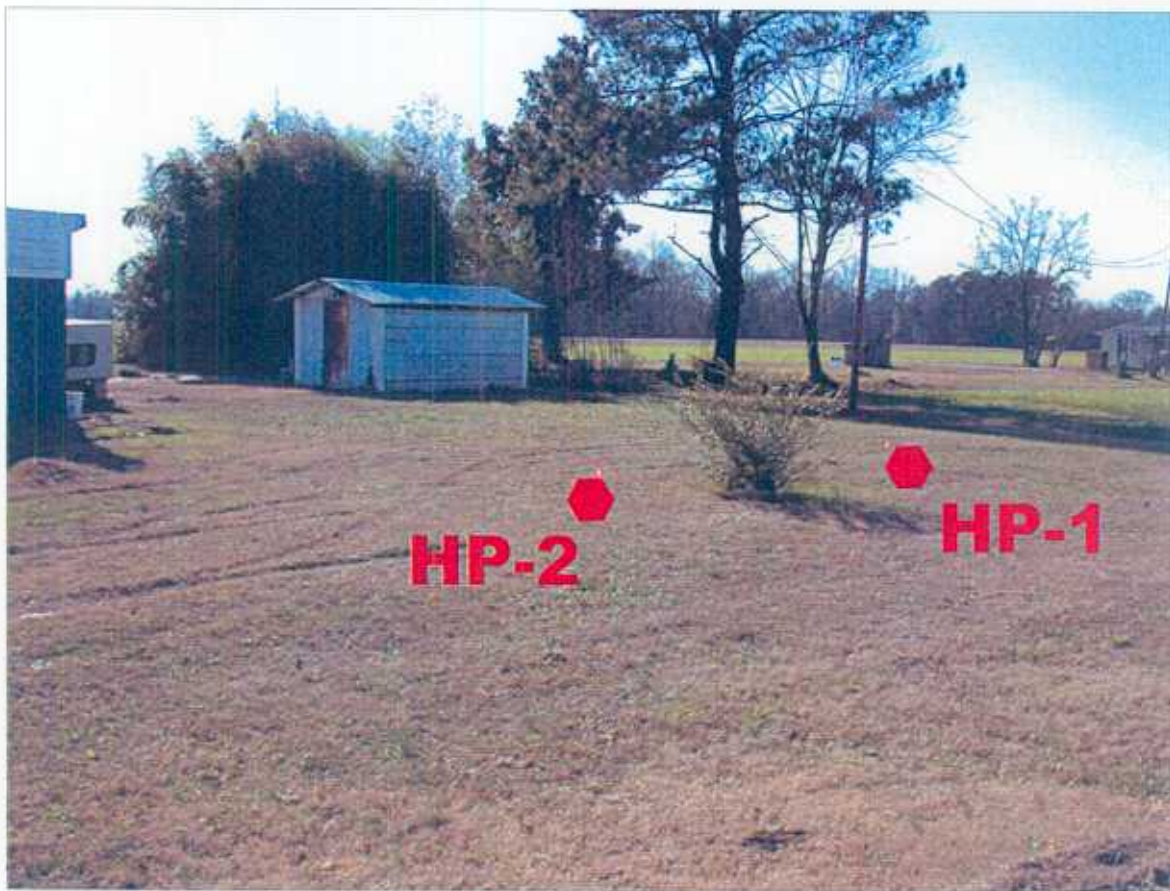
**PROJECT** WASHINGTON PSAs - SHEPPARD PROPERTY  
**CLIENT** NCDOT  
**PROJECT NUMBER** 90389  
**CONTRACTOR** REGIONAL PROBING  
**EQUIPMENT** GEOPROBE

**BORING NUMBER** HP-8  
**PAGE** 1  
**ELEVATION** \_\_\_\_\_  
**DATE** 12/21/05  
**DRILLER** OPPER  
**PREPARED BY** BRANSON

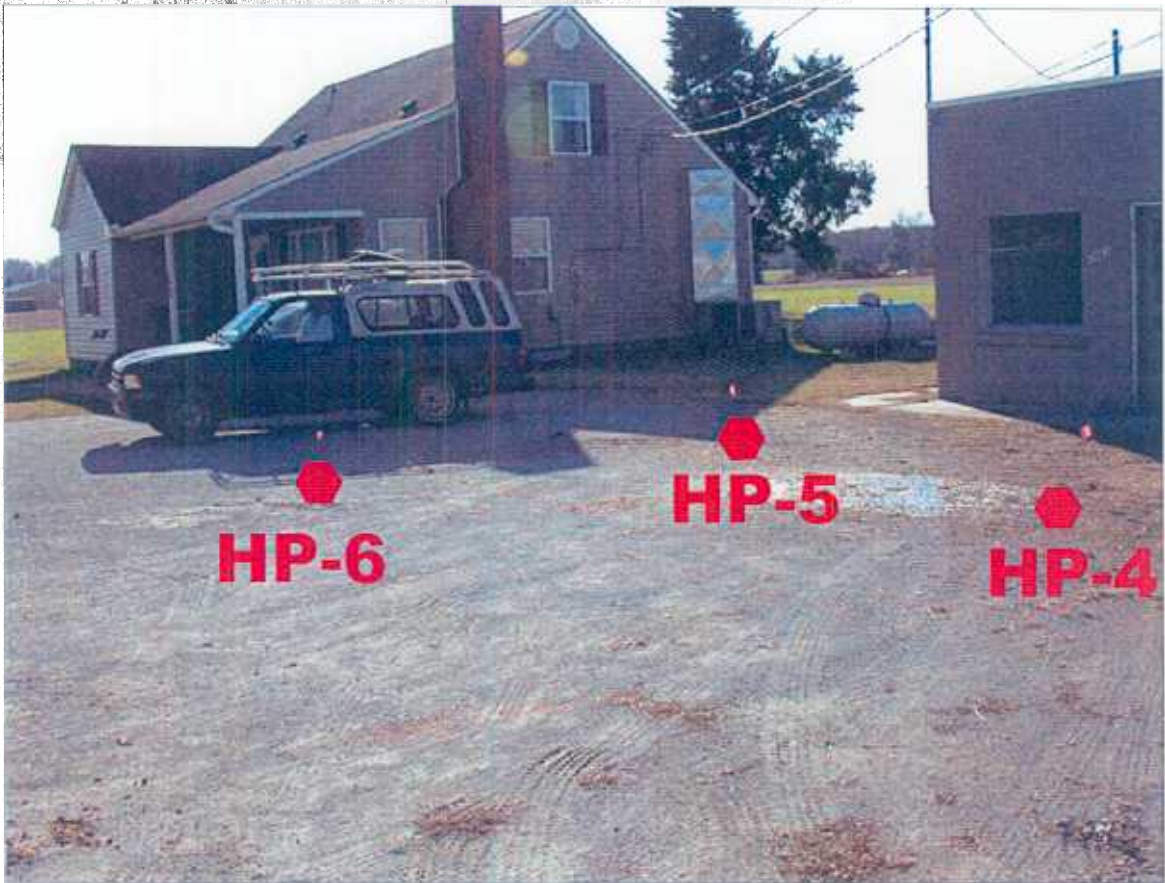
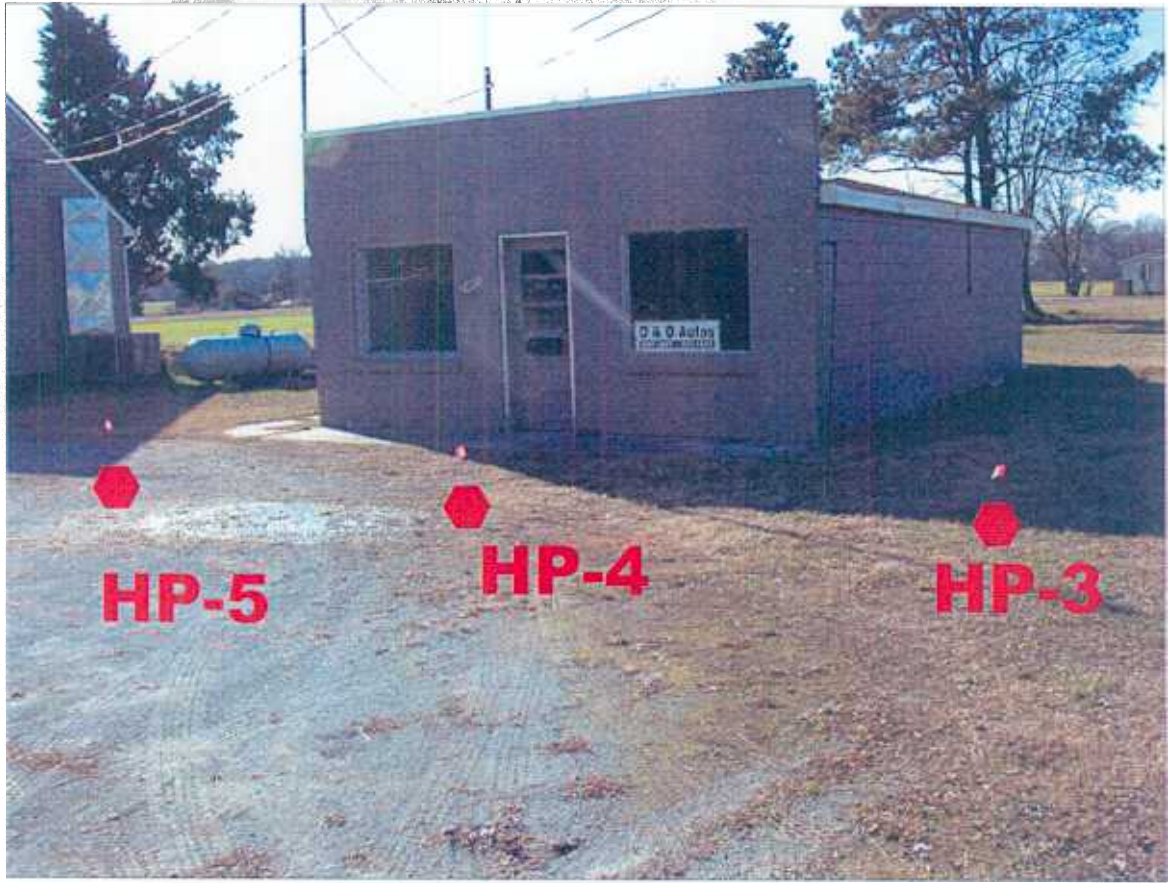
DEPTH IN FEET	OVA (ppm)	BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
	1.20				MEDIUM TO DARK GRAY SILT/SAND, DRY, NO ODOR.
	1.42				MEDIUM BROWN FINE-GRAINED SAND, MOIST, NO ODOR.
5.0	1.55				MOTTLED MEDIUM BROWN AND MEDIUM GRAY PLASTIC CLAY, MOIST, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
10.0					BORING TERMINATED AT 6 FEET.
15.0					
20.0					



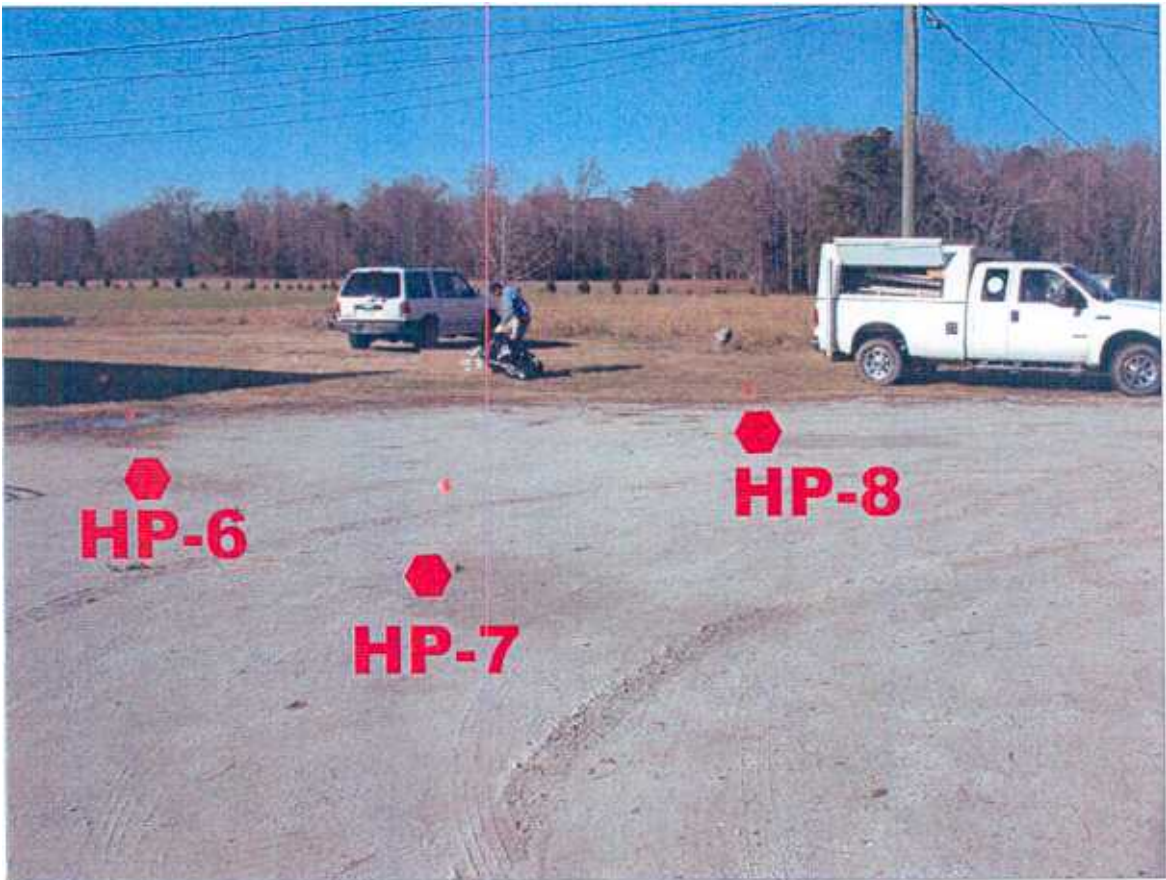
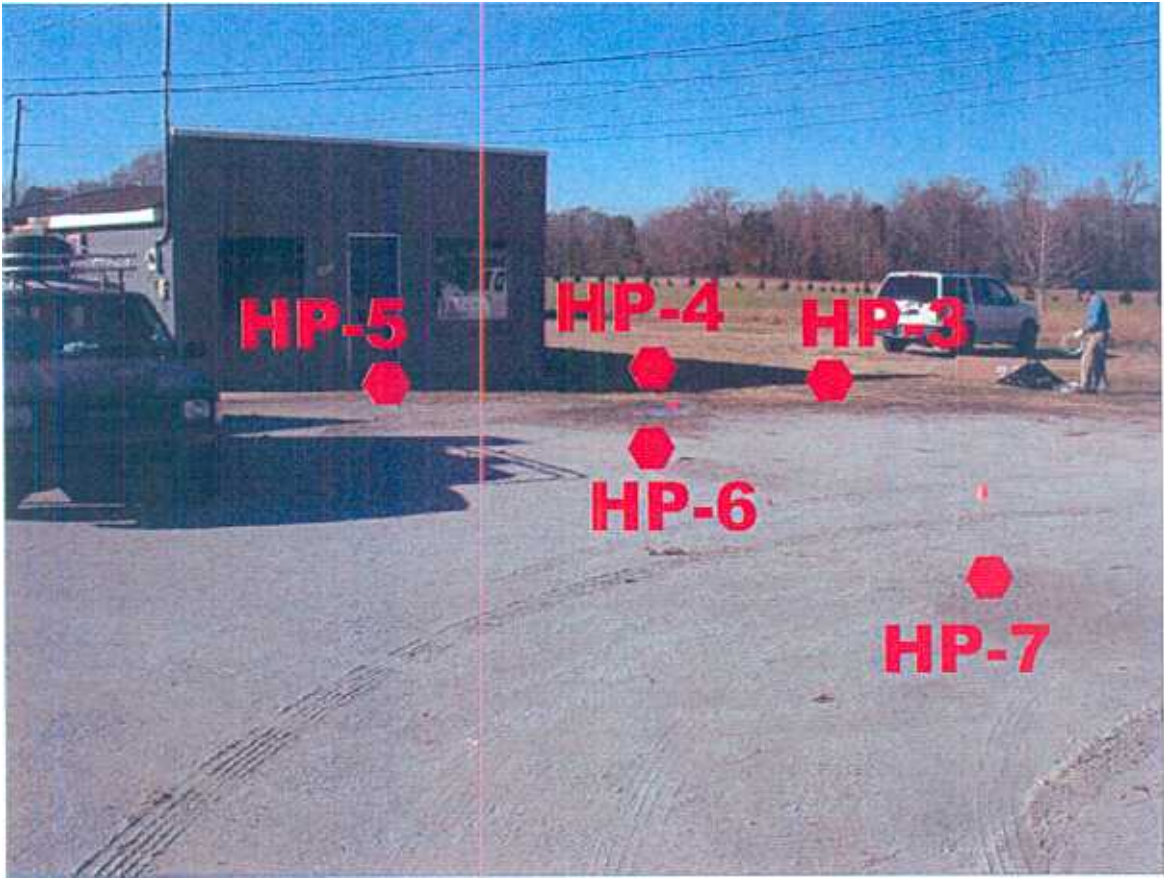
**ATTACHMENT C**











**ATTACHMENT D**



**PARADIGM ANALYTICAL LABORATORIES, INC.**

5500 Business Drive  
Wilmington, North Carolina 28405  
(910) 350-1903  
Fax (910) 350-1557

Mr. Mike Branson  
Earth Tech  
701 Corporate Dr. Suite 475  
Raleigh NC 27607

Report Number: G204-501

Client Project: NCDOT-Sheppard

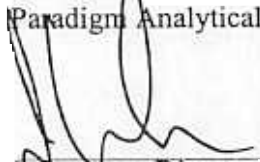
Dear Mr. Branson:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,  
Paradigm Analytical Laboratories, Inc.



Laboratory Director  
J. Patrick Weaver

1/6/06  
Date

Results for Total Petroleum Hydrocarbons  
by GC/FID 8015

Client Sample ID: HP-1  
Client Project ID: NCDOT-Sheppard  
Lab Sample ID: G204-501-1  
Lab Project ID: G204-501  
Report Basis: Dry Weight

Analyzed By: MJC  
Date Collected: 12/21/05 11:30  
Date Received: 12/22/05  
Matrix: Soil  
Solids 81.62

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.35	5030	1	12/30/05
Diesel Range Organics	BQL	7.1	3545	1	12/30/05

Reviewed By: RJ  
TPH\_LIMS\_v1.82.XLS 2 of 15

Results for Total Petroleum Hydrocarbons

by GC/FID 8015

Client Sample ID: HP-2  
Client Project ID: NCDOT-Sheppard  
Lab Sample ID: G204-501-2  
Lab Project ID: G204-501  
Report Basis: Dry Weight

Analyzed By: MJC  
Date Collected: 12/21/05 11:45  
Date Received: 12/22/05  
Matrix: Soil  
Solids 85.04

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.06	5030	1	12/30/05
Diesel Range Organics	BQL	7.32	3545	1	01/03/06

Reviewed By:   
TPH\_LIMS\_v1 82 XLS 3 of 15

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons  
by GC/FID 8015

Client Sample ID: HP-3  
Client Project ID: NCDOT-Sheppard  
Lab Sample ID: G204-501-3  
Lab Project ID: G204-501  
Report Basis: Dry Weight

Analyzed By: MJC  
Date Collected: 12/21/05 12:10  
Date Received: 12/22/05  
Matrix: Soil  
Solids 81.52

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.36	5030	1	12/30/05
Diesel Range Organics	BQL	7.51	3545	1	01/03/06

Reviewed By: RP  
TPH\_LIMS\_v1 82.XLS 4 of 15


Results for Total Petroleum Hydrocarbons

by GC/FID 8015

Client Sample ID: HP-4  
Client Project ID: NCDOT-Sheppard  
Lab Sample ID: G204-501-4  
Lab Project ID: G204-501  
Report Basis: Dry Weight

Analyzed By: MJC  
Date Collected: 12/21/05 12:20  
Date Received: 12/22/05  
Matrix: Soil  
Solids 81.94

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.32	5030	1	12/30/05
Diesel Range Organics	BQL	7.46	3545	1	01/04/06

Reviewed By:   
TPH\_LIMS\_v1 82.XLS 5 of 15



Results for Total Petroleum Hydrocarbons

by GC/FID 8015

Client Sample ID: HP-5

Client Project ID: NCDOT-Sheppard

Lab Sample ID: G204-501-5

Lab Project ID: G204-501

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 12/21/05 12:30

Date Received: 12/22/05

Matrix: Soil

Solids 80.70

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.43	5030	1	12/30/05
Diesel Range Organics	BQL	7.64	3545	1	01/03/06

Reviewed By:       
TPH\_LIMS\_v1.82.XLS

Results for Total Petroleum Hydrocarbons

by GC/FID 8015

Client Sample ID: HP-6  
Client Project ID: NCDOT-Sheppard  
Lab Sample ID: G204-501-6  
Lab Project ID: G204-501  
Report Basis: Dry Weight

Analyzed By: MJC  
Date Collected: 12/21/05 12:40  
Date Received: 12/22/05  
Matrix: Soil  
Solids 81.97

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.32	5030	1	12/30/05
Diesel Range Organics	BQL	7.42	3545	1	01/03/06


Reviewed By:       
TPH\_LIMS\_v1 82 XLS7 cf 15

Results for Total Petroleum Hydrocarbons  
by GC/FID 8015

Client Sample ID: HP-7  
Client Project ID: NCDOT-Sheppard  
Lab Sample ID: G204-501-7  
Lab Project ID: G204-501  
Report Basis: Dry Weight

Analyzed By: MJC  
Date Collected: 12/21/05 12:50  
Date Received: 12/22/05  
Matrix: Soil  
Solids 83.96

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.15	5030	1	12/30/05
Diesel Range Organics	BQL	7.27	3545	1	01/03/06

Reviewed By:   
TPH\_LIMS\_v1 82.XLS 8 of 15

Results for Total Petroleum Hydrocarbons  
by GC/FID 8015

Client Sample ID: HP-8  
Client Project ID: NCDOT-Sheppard  
Lab Sample ID: G204-501-8  
Lab Project ID: G204-501  
Report Basis: Dry Weight

Analyzed By: MJC  
Date Collected: 12/21/05 13:00  
Date Received: 12/22/05  
Matrix: Soil  
Solids 81.37

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.37	5030	1	12/30/05
Diesel Range Organics	BQL	7.55	3545	1	01/03/06

Reviewed By: RJW  
TPH\_LIMS\_v1.82.XLS 9 of 15

**PARADIGM ANALYTICAL LABORATORIES, INC.**

**Results for Volatiles**

by GC 6230D

Client Sample ID: HP-4-GW

Analyzed By: MJC

Client Project ID: NCDOT-Sheppard

Date Collected: 12/21/05 13:15

Lab Sample ID: G204-501-9A

Date Received: 12/22/05

Lab Project ID: G204-501

Matrix: Water

Analyte	Result ug/L.	RL ug/L.	Dilution Factor	Date Analyzed
Benzene	BQL	0.500	1	12/23/05
Bromobenzene	BQL	0.500	1	12/23/05
Bromochloromethane	BQL	0.500	1	12/23/05
Bromodichloromethane	BQL	0.500	1	12/23/05
Bromoform	BQL	0.500	1	12/23/05
Bromomethane	BQL	0.500	1	12/23/05
n-Butylbenzene	BQL	0.500	1	12/23/05
sec-Butylbenzene	BQL	0.500	1	12/23/05
tert-Butylbenzene	BQL	0.500	1	12/23/05
Carbon tetrachloride	BQL	0.500	1	12/23/05
Chlorobenzene	BQL	0.500	1	12/23/05
Chloroethane	BQL	0.500	1	12/23/05
Chloroform	BQL	0.500	1	12/23/05
Chloromethane	BQL	0.500	1	12/23/05
2-Chlorotoluene	BQL	0.500	1	12/23/05
4-Chlorotoluene	BQL	0.500	1	12/23/05
Dibromochloromethane	BQL	0.500	1	12/23/05
1,2-Dibromo-3-chloropropane	BQL	0.500	1	12/23/05
1,2-Dibromoethane (EDB)	BQL	0.500	1	12/23/05
Dibromomethane	BQL	0.500	1	12/23/05
1,2-Dichlorobenzene	BQL	0.500	1	12/23/05
1,3-Dichlorobenzene	BQL	0.500	1	12/23/05
1,4-Dichlorobenzene	BQL	0.500	1	12/23/05
Dichlorodifluoromethane	BQL	0.500	1	12/23/05
1,1-Dichloroethane	BQL	0.500	1	12/23/05
1,2-Dichloroethane	BQL	0.500	1	12/23/05
1,1-Dichloroethene	BQL	0.500	1	12/23/05
cis-1,2-Dichloroethene	BQL	0.500	1	12/23/05
trans-1,2-Dichloroethene	BQL	0.500	1	12/23/05
1,2-Dichloropropane	BQL	0.500	1	12/23/05
2,2-Dichloropropane	BQL	0.500	1	12/23/05
cis-1,3-Dichloropropene	BQL	0.500	1	12/23/05
trans-1,3-Dichloropropene	BQL	0.500	1	12/23/05
Diisopropyl ether (DIPE)	BQL	0.500	1	12/23/05
Ethylbenzene	BQL	0.500	1	12/23/05
Hexachlorobutadiene	BQL	0.500	1	12/23/05
Isopropylbenzene	BQL	0.500	1	12/23/05
p-Isopropyltoluene	BQL	0.500	1	12/23/05
Methyl-tert butyl ether (MTBE)	BQL	0.500	1	12/23/05

Reviewed By: \_\_\_\_\_

GC\_LIMS\_v2 0.XLS



**PARADIGM ANALYTICAL LABORATORIES, INC.**

**Results for Volatiles**

by GC 6230D

Client Sample ID: HP-4-GW

Analyzed By: MJC

Client Project ID: NCDOT-Sheppard

Date Collected: 12/21/05 13:15

Lab Sample ID: G204-501-9A

Date Received: 12/22/05

Lab Project ID: G204-501

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Methylene Chloride	BQL	5.00	1	12/23/05
Naphthalene	BQL	0.500	1	12/23/05
n-Propylbenzene	BQL	0.500	1	12/23/05
Styrene	BQL	1.00	1	12/23/05
1,1,1,2-Tetrachloroethane	BQL	0.500	1	12/23/05
1,1,2,2-Tetrachloroethane	BQL	0.500	1	12/23/05
Tetrachloroethene	BQL	0.500	1	12/23/05
Toluene	BQL	0.500	1	12/23/05
1,2,3-Trichlorobenzene	BQL	0.500	1	12/23/05
1,2,4-Trichlorobenzene	BQL	0.500	1	12/23/05
1,1,1-Trichloroethane	BQL	0.500	1	12/23/05
1,1,2-Trichloroethane	BQL	0.500	1	12/23/05
Trichloroethene	BQL	0.500	1	12/23/05
Trichlorofluoromethane	BQL	0.500	1	12/23/05
1,2,3-Trichloropropane	BQL	0.500	1	12/23/05
1,2,4-Trimethylbenzene	BQL	0.500	1	12/23/05
1,3,5-Trimethylbenzene	BQL	0.500	1	12/23/05
Vinyl Chloride	BQL	0.500	1	12/23/05
m/p-Xylene	BQL	1.00	1	12/23/05
o-Xylene	BQL	1.00		12/23/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	38.4	96.1
1,4-Dichlorobutane	40	42.5	106

**Comments:**

All values corrected for dilution.

BQL = Below quantitation limit.

Reviewed By:       
GC\_LIMS\_v2.0.XLS

**PARADIGM ANALYTICAL LABORATORIES, INC.**

**Results for Semivolatiles  
by GCMS 625**

Client Sample ID: HP-4-GW  
 Client Project ID: NCDOT-Sheppard  
 Lab Sample ID: G204-501-9E  
 Lab Project ID: G204-501

Analyzed By: MRC  
 Date Collected: 12/21/2005 13:15  
 Date Received: 12/22/2005  
 Date Extracted: 12/27/2005  
 Matrix: Water

<b>Compound</b>	<b>Result ug/L</b>	<b>Quantitation Limit ug/L</b>	<b>Dilution Factor</b>	<b>Date Analyzed</b>
Acenaphthene	BQL	10.0	1	12/30/2005
Acenaphthylene	BQL	10.0	1	12/30/2005
Anthracene	BQL	10.0	1	12/30/2005
Benzo[a]anthracene	BQL	10.0	1	12/30/2005
Benzo[a]pyrene	BQL	10.0	1	12/30/2005
Benzo[b]fluoranthene	BQL	10.0	1	12/30/2005
Benzo[g,h,i]perylene	BQL	10.0	1	12/30/2005
Benzo[k]fluoranthene	BQL	10.0	1	12/30/2005
Bis(2-chloroethoxy)methane	BQL	10.0	1	12/30/2005
Bis(2-chloroethyl)ether	BQL	10.0	1	12/30/2005
Bis(2-chloroisopropyl)ether	BQL	10.0	1	12/30/2005
Bis(2-ethylhexyl)phthalate	BQL	10.0	1	12/30/2005
4-bromophenyl phenyl ether	BQL	10.0	1	12/30/2005
Butylbenzylphthalate	BQL	10.0	1	12/30/2005
2-Chloronaphthalene	BQL	10.0	1	12/30/2005
2-Chlorophenol	BQL	10.0	1	12/30/2005
4-Chloro-3-methylphenol	BQL	10.0	1	12/30/2005
4-Chlorophenyl phenyl ether	BQL	10.0	1	12/30/2005
Chrysene	BQL	10.0	1	12/30/2005
Dibenzo[a,h]anthracene	BQL	10.0	1	12/30/2005
Di-n-Butylphthalate	BQL	10.0	1	12/30/2005
1,2-Dichlorobenzene	BQL	10.0	1	12/30/2005
1,3-Dichlorobenzene	BQL	10.0	1	12/30/2005
1,4-Dichlorobenzene	BQL	10.0	1	12/30/2005
3,3'-Dichlorobenzidine	BQL	20.0	1	12/30/2005
2,4-Dichlorophenol	BQL	10.0	1	12/30/2005
Diethylphthalate	BQL	10.0	1	12/30/2005
Dimethylphthalate	BQL	10.0	1	12/30/2005
2,4-Dimethylphenol	BQL	10.0	1	12/30/2005
Di-n-octylphthalate	BQL	10.0	1	12/30/2005
4,6-Dinitro-2-methylphenol	BQL	50.0	1	12/30/2005
2,4-Dinitrophenol	BQL	50.0	1	12/30/2005
2,4-Dinitrotoluene	BQL	10.0	1	12/30/2005
2,6-Dinitrotoluene	BQL	10.0	1	12/30/2005
Diphenylamine *	BQL	10.0	1	12/30/2005
Fluoranthene	BQL	10.0	1	12/30/2005
Fluorene	BQL	10.0	1	12/30/2005
Hexachlorobenzene	BQL	10.0	1	12/30/2005
Hexachlorobutadiene	BQL	10.0	1	12/30/2005
Hexachlorocyclopentadiene	BQL	20.0	1	12/30/2005
Hexachloroethane	BQL	10.0	1	12/30/2005
Indeno(1,2,3-c,d)pyrene	BQL	10.0	1	12/30/2005

**PARADIGM ANALYTICAL LABORATORIES, INC.**

**Results for Semivolatiles  
by GCMS 625**

Client Sample ID: HP-4-GW  
 Client Project ID: NCDOT-Sheppard  
 Lab Sample ID: G204-501-9E  
 Lab Project ID: G204-501

Analyzed By: MRC  
 Date Collected: 12/21/2005 13:15  
 Date Received: 12/22/2005  
 Date Extracted: 12/27/2005  
 Matrix: Water

<b>Compound</b>	<b>Result ug/L</b>	<b>Quantitation Limit ug/L</b>	<b>Dilution Factor</b>	<b>Date Analyzed</b>
Isophorone	BQL	10.0	1	12/30/2005
Naphthalene	BQL	10.0	1	12/30/2005
Nitrobenzene	BQL	10.0	1	12/30/2005
2-Nitrophenol	BQL	10.0	1	12/30/2005
4-Nitrophenol	BQL	50.0	1	12/30/2005
N-Nitrosodi-n-propylamine	BQL	10.0	1	12/30/2005
Pentachlorophenol	BQL	50.0	1	12/30/2005
Phenanthrene	BQL	10.0	1	12/30/2005
Phenol	BQL	10.0	1	12/30/2005
Pyrene	BQL	10.0	1	12/30/2005
1,2,4-Trichlorobenzene	BQL	10.0	1	12/30/2005
2,4,6-Trichlorophenol	BQL	10.0	1	12/30/2005

	<b>Spike Added</b>	<b>Spike Result</b>	<b>Percent Recovered</b>
2-Fluorobiphenyl	10	7.8	78
2-Fluorophenol	10	7.2	72
Nitrobenzene-d5	10	7.4	74
Phenol-d6	10	7.3	73
2,4,6-Tribromophenol	10	7.1	71
4-Terphenyl-d14	10	9.6	96

**Comments:**

\* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

**Flags:**

BQL = Below Quantitation Limits.

Reviewed By: FW

List of Reporting Abbreviations  
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

**PARADIGM ANALYTICAL LABORATORIES, INC.**

5500 Business Drive, Wilmington, NC 28405

Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 48872

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Page \_\_\_\_\_ of \_\_\_\_\_

Client: EARTH TECH  
 Address: 701 Corporate Center Dr.  
 Address: Suite 475  
 Quote #: Raleigh, NC 27607

Report To: MIKE BRANSON  
EARTH TECH

Sample ID	Date	Time	Matrix	Preservatives				Analyses				Comments: Please specify any special reporting requirements	
				HCL				DRO	GRO	6230D	605		
HP-1	12/21/05	1130	SOIL					✓	✓				G204-501
HP-2		1145	SOIL					✓	✓				
HP-3		1210	SOIL					✓	✓				
HP-4		1220	SOIL					✓	✓				
HP-5		1230	SOIL					✓	✓				
HP-6		1240	SOIL					✓	✓				
HP-7		1250 <del>1250</del>	SOIL					✓	✓				
HP-8		1300	SOIL					✓	✓				
		1315	Water		✓					✓	✓		

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
<u>Myron</u>	12/21/05	1700	<u>Jane Jones</u>	12/22/05	1330	28°C 58°C 3.6°C	NC <input checked="" type="checkbox"/> SC <input type="checkbox"/> Other <input type="checkbox"/>

ORIGINAL

SEE REVERSE FOR TERMS AND CONDITIONS