Preliminary Site Assessment
Buddy Wood Property, Parcel #50 and #52
Boone, Watauga County, NC

State Project U-4020
WBS Element # 35015.1.1
H&H Job No. ROW-148
May 29, 2008

Hart & Hickman

2923 South Tryon Street
Suite 100
Charlotte, NC 28203
704-586-0007

3334 Hillsborough Street
Raleigh, NC 27607
919-847-4241

Preliminary Site Assessment
Buddy Wood Property, Parcel #50 and #52
Boone, Watauga County, North Carolina
H&H Project ROW-148

Table of Contents

List of Tables

List of Figures

List of Appendices

Preliminary Site Assessment Report
Buddy Wood Property Parcel #50 and #52
Boone, Watauga County, North Carolina
H&H Project ROW-148

1.0 Introduction

Hart & Hickman, PC (H&H) has prepared this Preliminary Site Assessment (PSA) report documenting assessment activities performed at the Buddy Wood property (NC DOT Parcels #50 & 52) located at 663 East King Street (US Highway 421) between Farthing Street and Chestnut Drive in Boone, Watauga County, North Carolina. This assessment was conducted on behalf of the North Carolina Department of Transportation (NC DOT) in accordance with the scope of work outlined in our February 29, 2008 proposal.

The purpose of this assessment was to determine the presence or absence of impacted soil at the subject property in the proposed right-of-way construction areas related to the widening of US Highway 421 (State Project U-4020). A site location map is presented as Figure 1 and a site map is presented as Figure 2. The NC DOT preliminary plan of the US Highway 421 widening area near the Buddy Wood property (NC DOT Parcels #50 & 52) is included in Appendix A. It is expected that these parcels will be total takes by NC DOT.

Based on information provided by NC DOT, the Buddy Wood property is operated as Austin Auto Sales, a used car retailer. According to an Environmental Data Resources (EDR) report for the site vicinity, the Buddy Wood property does not appear on the North Carolina Underground Storage Tank (UST) database, and H&H did not observe surface evidence of current USTs or of a previous UST removal on the subject properties.

2.0 Site Assessment

Soil Assessment Field Activities

H&H mobilized to the Buddy Wood property on April 7, 2008 to advance twelve soil borings (50-1 through 50-12) on Parcel #50 and four soil borings on Parcel #52 (52-1 through 52-4) by direct push technology (DPT). Prior to advancing the soil borings, H&H reviewed the preliminary results of a

geophysical survey conducted at the Buddy Wood property on March 11 and March 18, 2008 by Schnabel Engineering (Schnabel). Schnabel utilized ground penetrating radar (GPR) and time domain electromagnetic (TDEM) technology to identify potential geophysical anomalies and potential USTs at the site. The Schnabel Report on Geophysical Surveys dated April 28, 2008, documents the results of the EM and GPR surveys, including a site map summarizing the results. The results are included in Appendix B. The report concludes that geophysical data do not indicate the presence of USTs within the DOT target area.

Prior to installing soil borings, utilities were marked by NC One Call and by DOT's contractor, Vaughn and Melton. Borings were also cleared to a 5 foot depth by hand auger. H&H utilized Geologic Exploration of Statesville, North Carolina to advance soil borings 50-1 through 50-12 and 52-1 through 52-4 by DPT (See Figure 2). To facilitate the selection of soil samples for laboratory analysis from these borings, soil was screened continuously for the presence of volatile organic compounds (VOCs) with an organic vapor analyzer (OVA). Additionally, H&H observed the soil for visual and olfactory indications of petroleum impacts. In general, soil samples that exhibited the highest reading on the OVA were selected for laboratory analysis. Soil boring logs are included in Appendix C.

H&H collected twelve soil samples from Parcel #50 and four soil samples from Parcel #52 for laboratory analysis (Table 1). Because of potential impacts on Parcel 52 and the nearby downgradient location of a proposed jack and bore for a stream culvert on Parcel 54, H&H also collected a soil sample from the capillary fringe near the proposed jack and bore. The samples were sent to Prism Laboratories, Inc. of Charlotte, North Carolina under standard chain-of-custody procedures for analysis of total petroleum hydrocarbons (TPH) for gasoline-range organics (GRO) and diesel-range organics (DRO) by EPA Method 8015B. Sample intervals and analytical results are summarized in Table 1. Laboratory analytical data sheets and chain-of-custody documentation are provided in Appendix D. The chain-of-custody form includes samples collected from other nearby parcels. The analytical results are discussed below.

3.0 Analytical Results

Target analytes were detected in the soil samples collected on Parcels 50 and 52. TPH GRO was not detected in any samples. However, TPH DRO concentrations (up to 340 mg/kg) were detected above the NC DENR Action Level of 10 mg/kg in samples 50-4 @ 3-5 ft; 50-6 @ 5-7 ft; 50-7 @ 2-5 ft; 50-10 @ 0-2 ft; and 52-3 @ 2-4 ft. TPH GRO and DRO were not detected at the proposed jack and bore location.

Based on laboratory analytical results, impacted soils are present in the northern portion of Parcel 50 and in the northwestern portion of Parcel 52. H&H estimates that there are a total of 430 cubic yards (600 tons) of impacted soil between the soil surface and 10 ft at Parcel 50. H&H estimates that there are a total of 110 cubic yards (150 tons) of impacted soil between the soil surface and 10 ft on Parcel 52. Impacts may extend beyond 10 ft depth. The impacted soil areas are situated just east of the existing southern curb of East King Street. DOT plans indicate a cut approximately 1 ft in this area. Because this is a shallow cut area, most of the impacted soil will not likely be disturbed, except for potential utility work and soil grading work below the existing grade. Of the above impacted soil amount, H&H estimates that 80 cubic yards (110 tons) of impacted soil will be removed during grading work on this site. If grading depth exceeds 1 to 1.5 ft, additional impacted soil will be generated. Impacted soil that is removed should be properly managed and disposed at a permitted facility.

4.0 Summary and Regulatory Considerations

H&H has reviewed geophysical survey results and collected soil samples at Parcels 50 and 52. No potential USTs were identified in DOT target areas on these parcels. TPH DRO concentrations were detected above the NC DENR Action Level of 10 mg/kg on Parcels 50 and 52. No impacts were detected at the nearby jack and bore location on Parcel 54.

H&H estimates that there are a total of 430 cubic yards (600 tons) of impacted soil between the soil surface and 10 ft at Parcel 50. H&H estimates that there are a total of 110 cubic yards (150 tons) of

impacted soil between the soil surface and 10 ft on Parcel 52. Impacts may extend beyond 10 ft depth. The impacted soil areas are situated just east of the existing southern curb of East King Street. DOT plans indicate a cut approximately 1 ft in this area. Because this is a shallow cut area, most of the impacted soil will not likely be disturbed, except for potential utility work and soil grading work below the existing grade. Of the above impacted soil amount, H&H estimates that 80 cubic yards (110 tons) of impacted soil will be removed during grading work on this site. If grading depth exceeds 1 to 1.5 ft, additional impacted soil will be generated. Impacted soil that is removed should be properly managed and disposed at a permitted facility.

5.0 Signature Page

This report was prepared by:

David Graham
Project Geologist for
Hart and Hickman, PC

This report was reviewed by:

Matt Bramblett, PE
Principal and Project Manager for
Hart and Hickman, PC

Table 1 (Page 1 of 2)
Soil Analytical Results
Buddy Wood Property, Parcels 50 & 52
Boone, North Carolina
H&H Job No. ROW-148

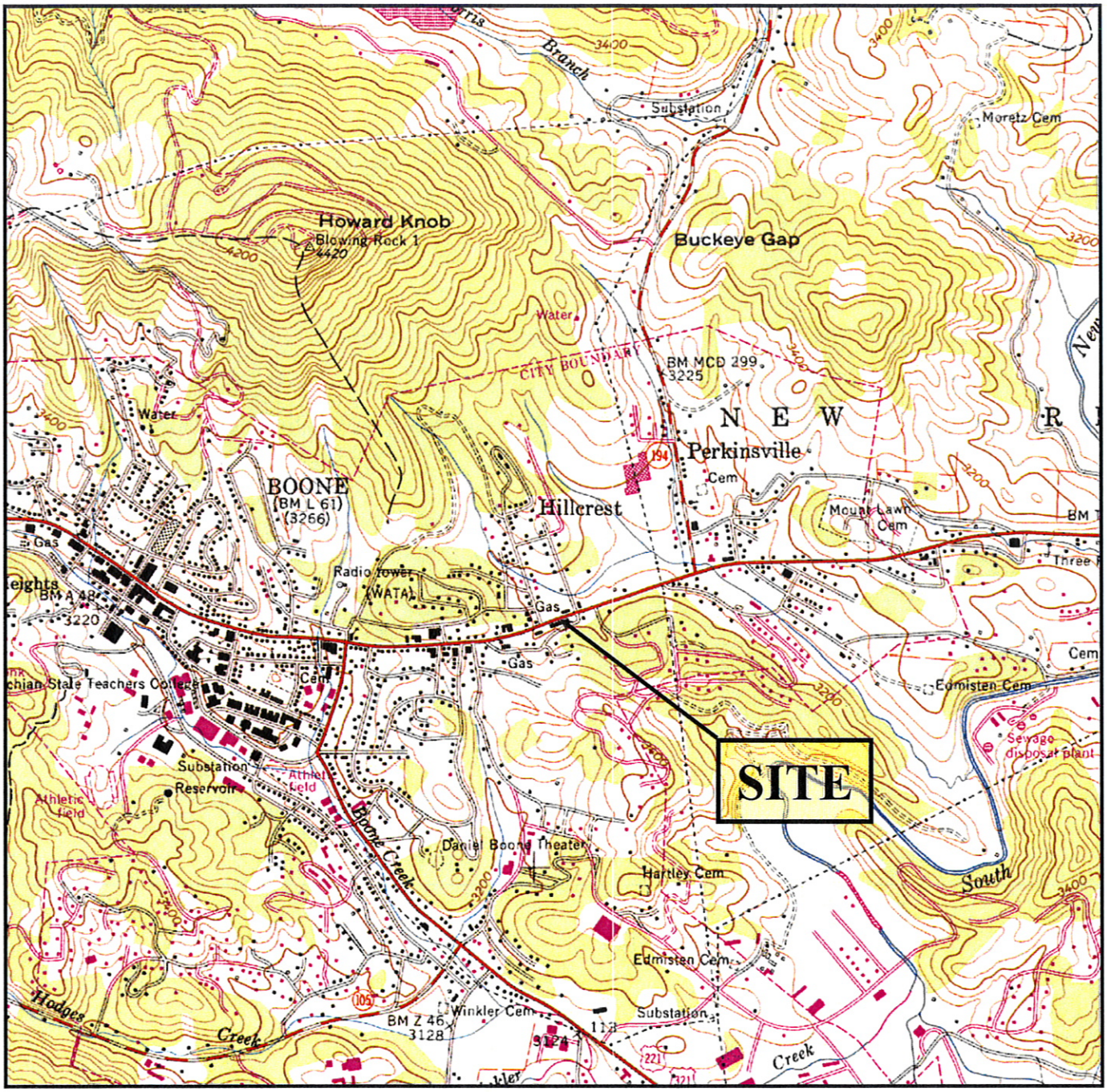
Sample ID	50-1	50-2	50-3	50-4	50-5	50-6	50-7	50-8	50-9	NC DENR
Sample Depth (ft)	0-2	2-5	2-5	3-5	0-2	5-7	2-5	2-5	5-7	Action
Sample Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	Level
Units	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
TPH-DRO/GRO (8015B)										
Diesel-Range Organics (DRO)	<8.8	<8.8	<8.3	**20**	<8.6	**15**	**12**	<8.8	<8.5	10
Gasoline-Range Organics (GRO)	<6.3	<6.3	<5.9	<5.9	<6.2	<6.6	<6.0	<6.4	<6.2	10

Notes:
EPA Method follows parameter in parenthesis
Bold denotes value in excess of NC DENR Action Levels
TPH = Total petroleum hydrocarbons

Table 1 (Page 2 of 2)
Soil Analytical Results
Buddy Wood Property, Parcels 50 & 52
Boone, North Carolina
H&H Job No. ROW-148

Sample ID	50-10	50-11	50-12	52-1	52-2	52-3	52-4	54-13J	NC DENR
Sample Depth (ft)	0-2	4-6	5-8	2-5	5-7	2-4	5-7	4-6	Action
Sample Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	Level
Units	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
TPH-DRO/GRO (8015B)									
Diesel-Range Organics (DRO)	**49**	<8.7	<9.2	<9.8	<9.2	**340**	<8.9	<8.3	10
Gasoline-Range Organics (GRO)	<5.5	<6.2	<6.7	<7.1	<6.6	<6.7	<6.4	<6.0	10

Notes:
EPA Method follows parameter in parenthesis
Bold denotes value in excess of NC DENR Action
TPH = Total petroleum hydrocarbons



N

APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

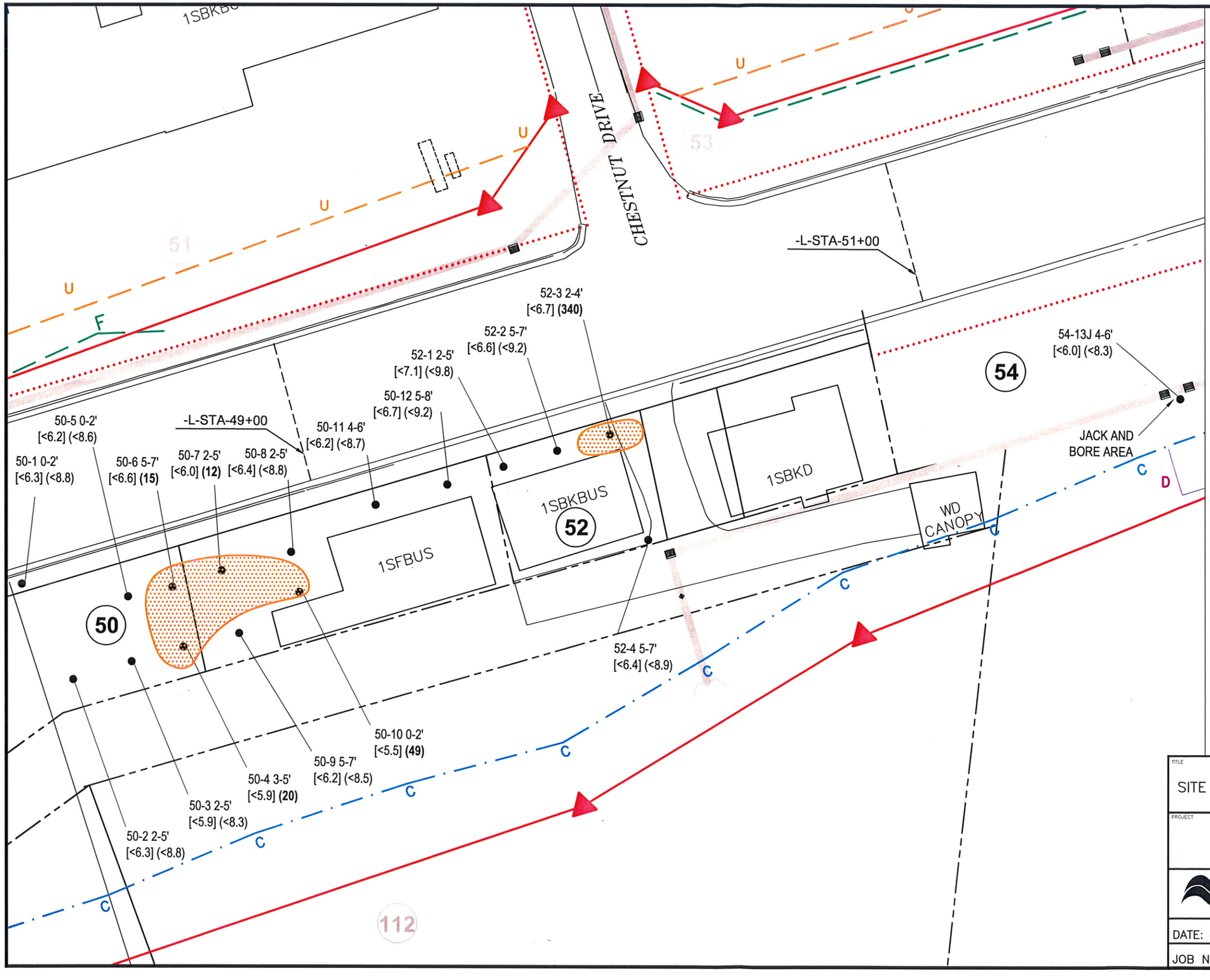
BOONE, NC 1959
PHOTOREVISED 1978

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	SITE LOCATION MAP
PROJECT	BUDDY WOOD PROPERTY PARCEL #50 & 52 BOONE, NORTH CAROLINA

Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0370 (f)

DATE:	4-28-08	REVISION NO:	0
JOB NO:	ROW-148	FIGURE NO:	1



LEGEND

- PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- -C- PROPOSED CUT LINE
- -F- PROPOSED FILL LINE
- -U- PROPOSED UTILITY EASEMENT
- IMPACTED SOIL AREA
- PROPOSED DRAINAGE PIPE
- PROPOSED CATCH BASIN
- SOIL BORING
- 50 PARCEL NUMBER
- [] = TPH GRO mg/kg
- () = TPH DRO mg/kg

BOLD DENOTES EXCEEDANCE OF NCDENR ACTION LEVEL

N

APPROXIMATE
0 30 60
SCALE IN FEET

TITLE

SITE MAP AND SOIL ANALYTICAL RESULTS

PROJECT

BUDDY WOOD PROPERTY
PARCEL # 50 & 52
BOONE, NORTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

DATE: 4-24-08	REVISION NO. 0
JOB NO: ROW-148	FIGURE: 2

Appendix A

NC DOT Preliminary Plan

PROJECT REFERENCE NO.	SHEET NO.
U-4020	7
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

SEE SHEET 12 FOR PROFILE OF -L-
SEE SHEET 16 FOR PROFILE OF -Y13R
SEE SHEET 16 FOR PROFILE OF -Y14R
SEE SHEET 15 FOR PROFILE OF -DR4
SEE SHEET 9A-H FOR INTERSECTION DETAILS

-Y12-POT 10+00.00

-Y13REV-
PI Sta 18+44.77
D = 57° 41' 03.9" (LT)
D = 40° 55' 32.0"
L = 140.95'
T = 77.10'
R = 140.00'
e = SEE PLANS

PI Sta 15+66.57
D = 50° 14' 20.7" (RT)
D = 23° 52' 23.7"
L = 210.44'
T = 112.52'
R = 240.00'
-Y13REV-PT 16+64.49
e = SEE PLANS

-Y13REV-PC 17+67.67

-Y12- S 18° 48' 15.2" E

TOYOTA OF BOONE

TOYOTA OF BOONE, INC.
NORMAN LEE CHEEK

JOHN WAISTEL HODGES

KB REALTY INVESTMENTS, LLC

RWE PROPERTIES, LLC

PROPOSED RETAINING WALL

480' TRANSITION LEFT

-Y12-POT 13+83.79=
-L-POT 50+17.34

-Y13REV-PT 13+06.62

END CONSTRUCTION
-Y13REV- STA. 15+00.00

-L-POT 55+53.01
-DR4-POT 10+00
-L-

N 70° 09' 53.8" E

KENNETH BUDDY WOOD, ET UX

WOOD MASONRY SUPPLY

490' TRANSITION RIGHT

-L- PC 50+67.79

-L-P 52+83.88

N 71° 24' 11.0" E

S 17° 36' 05.8" E

-DR4-

-DR4-POT 11+58.11

VALLE CAPITAL GROUP, LLC

JAMUS LIMITED PARTNERSHIP NO. 3

TIEBACKS LIMITS

TIEBACKS

PROPOSED GUARDRAIL

PROPOSED RETAINING WALL

KENNETH BUDDY WOOD

-L-
PI Sta 51+75.84
D = 1° 14' 17.2" (RT)
D = 0° 34' 22.6"
L = 216.09'
T = 108.05'
R = 10,000.00'
SE = N.C.

-Y13REV-POT 19+79.71
-L-PC 52+56.05
-Y14REV-POT 10+00.00

-Y14REV-PC 10+79.48

-Y14REV-
PI Sta 12+14.89
D = 33° 43' 10.0" (LT)
D = 12° 50' 20.8"
L = 262.63'
T = 135.24'
R = 446.26'
e = SEE PLANS

END CONSTRUCTION
-Y14REV- STA. 13+00.00

ROBERT LEE DUNNIGAN

-Y14REV-PT 13+42.11

-Y14REV-POT 13+58.70

S 52° 33' 59.1" E

5" MONOLITHIC CONC. ISLAND

4" CONC. SIDEWALK

S:\AAA-Master Projects\NC DOT Right-of-Way -ROW\ROW-148 Boone PSAs\Files from DOT\Proj\FIGURES\TBbind.dwg, Model, 5/28/2008 1:07:08 PM, 1:79.314

Appendix B

Schnabel Report on Geophysical Surveys

Schnabel Engineering South

11-A Oak Branch Drive
Greensboro, NC 27407

Phone (336) 274-9456
Fax (336) 274-9486
www.schnabel-eng.com

April 28, 2008

Mr. Matt Bramblett, PE
Hart & Hickman, PC
2923 South Tryon Street, Suite 100
Charlotte, NC 28203

RE: State Project: U-4020
WBS Element: 35015.1.1
County: Watauga
Description: US 421 (King Street) from US 321 (Hardin Street) to east of NC 194 (Jefferson Road) in Boone

SUBJECT: Report on Geophysical Surveys of Parcels 50 & 52
Schnabel Engineering Project No. 07210023.07

Dear Mr. Bramblett:

This letter contains our report on the geophysical surveys we conducted on the subject properties. We understand this letter report will be included as an appendix in your report to the NCDOT. The report includes two 11x17 color figures.

1.0 INTRODUCTION

Schnabel Engineering conducted geophysical surveys on March 11 and March 18, 2008, in the accessible areas of Parcels 50 & 52 (Buddy Wood Properties, Austin Auto Sales and a private residence) under our 2007 contract with the NCDOT. Parcels 50 and 52 are located on the south side of US 421 (King Street) between Farthing Street and Chestnut Drive. The work was conducted at the location indicated by the NCDOT to support their environmental assessment of the subject parcels. The purpose of the geophysical surveys was to locate possible metal underground storage tanks (UST's) and associated metal product lines in the accessible areas of the sites.

2.0 FIELD METHODOLOGY

Locations of geophysical data points were obtained using a sub-meter Trimble Pro-XRS DGPS system. References to direction and location in this report are based on the US State Plane 1983 system, North Carolina 3200 zone, using the NAD 83 datum, with units in US survey feet. The locations of existing site features (building, curbs, signs, etc.) were recorded for later correlation with the geophysical data and for location references to the NCDOT drawings. The geophysical investigation consisted of electromagnetic (EM) induction surveys using a Geonics EM61-MK2 instrument, and ground-penetrating radar surveys using a Geophysical Survey Systems SIR-3000 system equipped with a 400 MHz antenna.

The EM61 data were collected along parallel survey lines spaced about 2.5 feet apart. The EM61 and DGPS data were recorded digitally using a field computer and later transferred to a desktop computer for data processing. The GPR data were collected along survey lines spaced two feet apart in orthogonal directions over anomalous EM readings not attributed to cultural features.

Preliminary results were sent to David Graham and Matt Bramblett of Hart & Hickman on March 24, 2008.

3.0 DISCUSSION OF RESULTS

The contoured EM61 data are shown on Figures 1 and 2. The EM61 early time gate results are plotted on Figure 1. The early time gate data provide the most sensitive detection of metal object targets, regardless of size. Figure 2 shows the difference between the response of the top and bottom coils of the EM61 instrument (differential response). The difference is taken to remove the effect of surface and very shallowly buried metallic objects. Typically, the differential response emphasizes anomalies from deeper and larger objects such as UST's.

The early time gate and differential results show linear anomalies probably caused by buried utilities, reinforced concrete, and known site features (Figures 1 and 2). GPR data indicated the presence of reinforced concrete in front of the adjacent buildings on Parcel 50 and Parcel 52, but did not indicate the presence of UST's in the areas surveyed.

4.0 CONCLUSIONS

Our evaluation of the geophysical data collected on Parcels 50 and 52 of Project U-4020 in Boone, NC indicates the following:

- The geophysical data do not indicate the presence of UST's in the areas surveyed.

5.0 LIMITATIONS

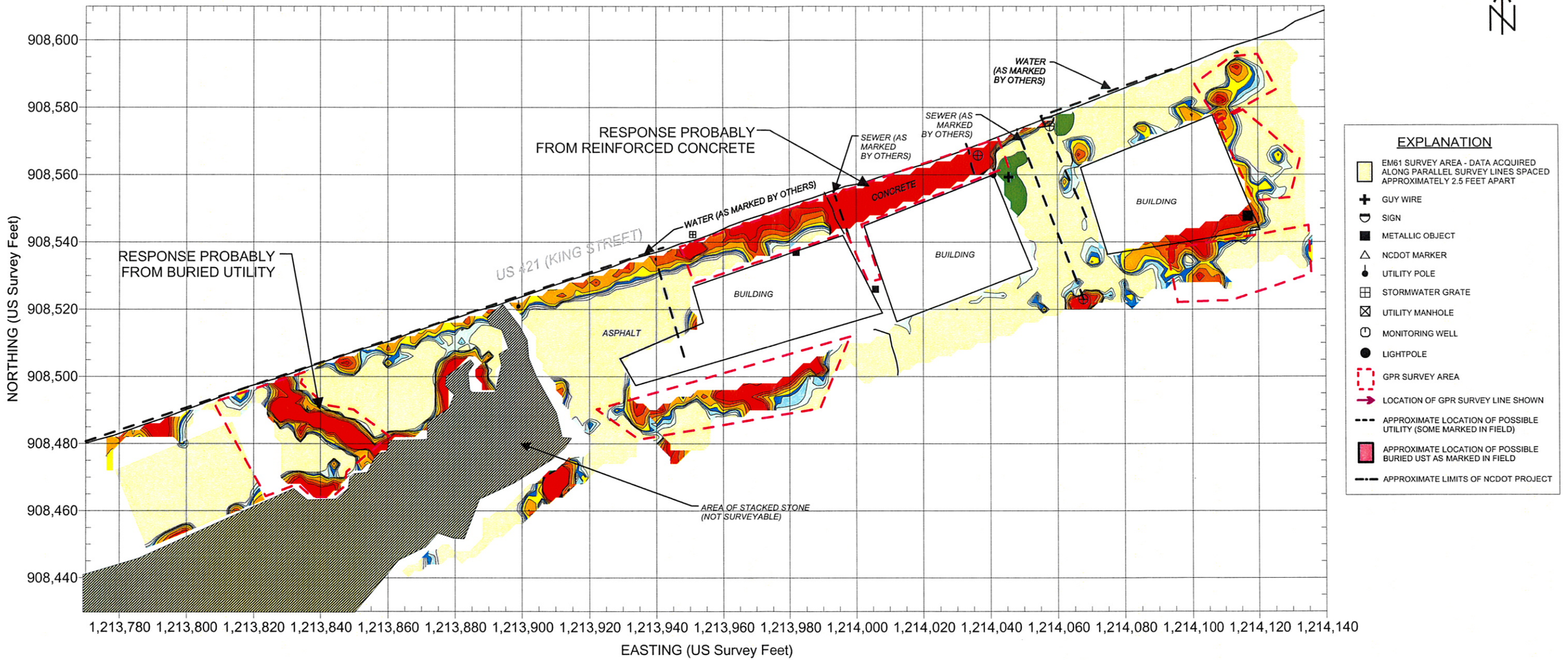
These services have been performed and this report prepared for Hart & Hickman and the North Carolina Department of Transportation in accordance with generally accepted guidelines for conducting geophysical surveys. It is generally recognized that the results of geophysical surveys are non-unique and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

Thank you for the opportunity to serve you on this project. Please call if you need additional information or have any questions.

Sincerely,

Jeremy S. Strohmeyer, P.G.
Project Manager

JW/JS/NB
Attachment: Figures (2)
FILE: G:\2007 PROJECTS\07210023 (NCDOT 2007 GEOPHYSICAL SERVICES) PHASE 07 (U-4020 - WATAUGA COUNTY) REPORT HART & HICKMAN PARCELS 50 & 52\REPORT ON PARCELS 50 & 52.DOC



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 March 11, 2008, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey was provided using a submeter Trimble ProXRS DGPS system. Coordinates are in the US State Plane 1983 System, North Carolina Zone 3200, using the NAD 1983 datum. GPR data were acquired on March 18, 2008, using a Geophysical Survey Systems SIR 3000 equipped with a 400 MHz antenna.

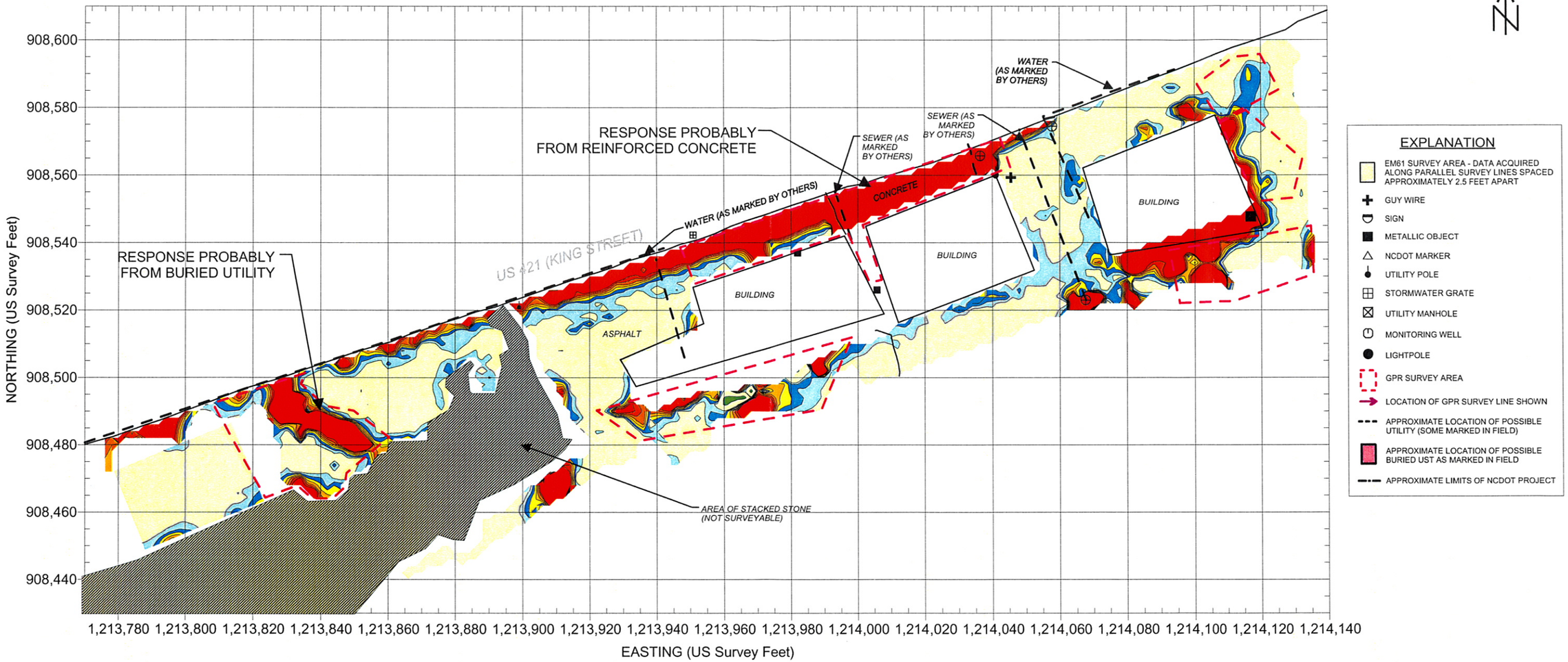
Schnabel Engineering

NC Department of Transportation
Geotechnical Engineering Unit

State Project No. U-4020
Watauga County, North Carolina

PARCELS 50 AND 52
EM61 EARLY TIME GATE RESPONSE

FIGURE 1



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 March 11, 2008, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey was 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 March 18, 2008, using a Geophysical Survey Systems SIR 3000 equipped with a 400 MHz antenna.

Schnabel Engineering

NC Department of Transportation
Geotechnical Engineering Unit

State Project No. U-4020
Watauga County, North Carolina

PARCELS 50 AND 52
EM61 DIFFERENTIAL RESPONSE

FIGURE 2

Appendix C

Soil Boring Logs

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-1

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0	50		0	0.6		Light brown, silty SAND, some partially weathered rock	
2.5	50			0.2		Light brown, silty SAND, some partially weathered rock, hand auger refusal at 4 ft	
5.0	50			0.1		Light brown/tan, silty SAND, and partially weathered rock fragments. REFUSAL @ 7'	
7.5						Bottom of borehole at 7.0 feet.	
10.0							
12.5							
15.0							

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 7
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 4 ft and sample collected from 0 to 2 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-2

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0						Ashpalt surface cover		0.0
	50		0.1	0.4		Yellow/dark brown, silty SAND, some partially weathered rock fragments		
2.5	30			0.5		Yellow/brown/black, SAND with partially weathered rock fragments, damp		2.5
5.0	50			0.3		Yellow/black, SAND with partially weathered rock fragments		5.0
7.5								7.5
						Bottom of borehole at 9.0 feet.		
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 9
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 2 to 5 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\INC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-3

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0			0.5	0.5		Orange/grey, sandy CLAY, damp	
2.5	90			0.6		Orange/brown, silty SAND, damp	
5.0				0.5		Orange/yellow, silty SAND with some partially weathered rock fragments, grey clay at 7 ft, damp	
7.5	90			0.5		Brown/grey, CLAY with some partially weathered rock fragments and fine sands, damp	
10.0	90			0.6		Brown/grey, CLAY with some partially weathered rock fragments and fine sands, saturated at 12 ft	
12.5						Bottom of borehole at 12.0 feet.	
15.0							

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 12
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 2 to 5 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-4

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.1	0.3		Light grey, silty SAND		
2.5	125			0.5		Orange/brown, silty SAND, damp at 3 ft		2.5
				0.5		Brown/orange, silty SAND, saturated		
5.0						Brown/orange, silty SAND, saturated. REFUSAL @ 9' ROCK.		5.0
	104			0.4				
7.5								7.5
						Bottom of borehole at 9.0 feet.		
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 9
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 3 to 5 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-5

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.1	0.9		Light brown/orange, sandy SILT, some partially weathered rock fragments, slightly damp		
	45		0.3					
2.5				0.5		Large PARTIALLY WEATHERED ROCK fragments, saturated at 4 ft		2.5
						Bottom of borehole at 4.0 feet.		
5.0								5.0
7.5								7.5
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 4
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger refusal at 4 ft and sample collected from 0 to 2 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

BORING NUMBER 50-6

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0						Light brown/orange, silty SAND, slightly damp		0.0
			0.3	0.5				
2.5	50			0.5				2.5
5.0				0.5		Dark brown/silty SAND, saturated at 7 ft		5.0
7.5	75			0.4		Light brown/orange silty SAND with partially weathered rock fragments		7.5
10.0				0.4		Partially weathered rock		10.0
	50							
12.5						Bottom of borehole at 11.0 feet.		12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 11
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 5 to 7 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-7

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.1	0.4		Dark brown, silty SAND with some partially weathered rock fragments, damp		
			0.3					
2.5	20			0.6		Dark brown/red, silty SAND with partially weathered rock fragments, damp		2.5
5.0								5.0
	25			0.4		Orange/brown, sandy SILT, some large partially weathered rock fragments, slightly damp		
7.5								7.5
10.0								10.0
	50			0.5		Orange, sandy SILT, saturated at 11 ft		
						Bottom of borehole at 12.0 feet.		
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 12
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 2 to 5 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-8

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0							
			0.2	0.3		Light brown, sandy SILT	
2.5	50			0.5		Light brown, sandy SILT	
5.0						Bottom of borehole at 5.0 feet.	
7.5							
10.0							
12.5							
15.0							

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 5
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 2 to 5 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-9

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0						Reddish brown, silty SAND with partially weathered rock		0.0
			0.3	0.5				
2.5	25			0.6				2.5
5.0				0.6				5.0
7.5	50			0.5		Reddish brown, silty SAND with partially weathered rock fragments, damps at 8 ft		7.5
10.0	50			0.8		Reddish brown, silty SAND with partially weathered rock fragments, saturated at 11 ft		10.0
						Bottom of borehole at 11.0 feet.		
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 11
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 5 to 7 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-10

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0	100		0	0.5		Light orange/brown, silty SAND with partially weathered rock fragments		0.0
						Bottom of borehole at 2.0 feet.		
2.5								2.5
5.0								5.0
7.5								7.5
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: Hand Auger
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 2
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger refusal at 2 ft and sample collected from 0 to 2 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/28/08 17:27 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-11

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.2	0.4		Backfill material		
			0.7			Backfill material grading to light brown/orange, sandy SILT, damp		
2.5	50			0.3				2.5
5.0			0.2			Light brown/orange, sandy SILT, damp. REFUSAL @ 6' ROCK		5.0
	10			0.7				
						Bottom of borehole at 6.0 feet.		
7.5								7.5
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 6
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 4 to 6 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/28/08 17:27 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 50-12

PROJECT: Parcel 50
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.2	0.5		Gravel backfill material		
						Grey/green, fine sandy SILT, moist		
2.5	50			0.6		Orange/tan, fine sandy SILT		2.5
5.0						Gray/brown, silty SAND with partially weathered rock		5.0
	25			0.8				
7.5								7.5
						Bottom of borehole at 8.0 feet.		
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 8
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 5 to 8 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (50).GPJ

BORING NUMBER 52-1

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

PROJECT: Parcel 52
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0						Gravel Backfill material		0.0
			0.3	0.7		Dark brown, SILT, damp		
			0.7			Light orange/dark brown, fine sandy SILT, damp		
2.5	50			0.7				2.5
5.0			0.3			Dark brown, sandy SILT with partially weathered rock, some rock fragments		5.0
	50			0.4				
7.5						Refusal at 7.0 feet. Bottom of borehole at 7.0 feet.		7.5
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 7
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 2 to 5 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:45 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (52).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 52-2

PROJECT: Parcel 52
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.3	0.5		Gravel backfill material		
2.5	50			0.6		Orange/tan, sandy SILT		2.5
5.0	25			0.6		Orange/tan, sandy SILT, large partially weathered rock fragments		5.0
7.5						Refusal at 7.0 feet. Bottom of borehole at 7.0 feet.		7.5
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 7
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 5 to 7 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:45 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (52).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 52-3

PROJECT: Parcel 52
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						Concrete surface cover	
	25		0.3	0.6		Orange/brown, silty SAND, damp	
2.5	30			0.7		Orange/brown, medium grained SAND with silt and partially weathered rock	
						Refusal at 4.0 feet. Bottom of borehole at 4.0 feet.	
5.0							
7.5							
10.0							
12.5							
15.0							

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 4
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger refusal at 4 ft and sample collected from 2 to 4 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:45 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (52).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 52-4

PROJECT: Parcel 52
JOB NUMBER: ROW-148
LOCATION: Boone, North Carolina

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.3	0.6		Tan, silty SAND, dry		
2.5	80			0.6		Tan, fine silty SAND, dry		2.5
5.0				0.9		Tan, fine silty SAND		5.0
	50							
7.5				0.7		Orange/tan, silty SAND with rock fragments, dry		7.5
						Refusal at 8.0 feet. Bottom of borehole at 8.0 feet.		
10.0								10.0
12.5								12.5
15.0								15.0

DRILLING CONTRACTOR: Geologic Exploration
DRILL RIG/ METHOD: 6620DT / Geoprobe
SAMPLING METHOD: DPT Sleeves
LOGGED BY M. Falknor
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 8
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 ft and sample collected from 5 to 7 ft for laboratory analysis.

LOG OF BORING - HART HICKMAN.GDT - 5/25/08 09:45 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (52).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 54-13J

PROJECT: Boone PSAs
JOB NUMBER: ROW-148
LOCATION: Boone, NC

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0	100		0.2	0.7		Dark brown, tan, sandy, SILT, damp		0.0
2.5	100			0.9		Grey, tan, marbled, sandy, SILT with PWR, damp		2.5
5.0	100			0.9		Orange, brown, silty, SAND, damp		5.0
	100					Orange brown, silty, SAND, saturated at 7'		
				0.8		Bottom of borehole at 7.0 feet.		
7.5								7.5
10.0								10.0

DRILLING CONTRACTOR: GEOLOGIC EXPLORATION
DRILL RIG/ METHOD: Geoprobe 6620DT
SAMPLING METHOD: DPT Sleeves
LOGGED BY MHF
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 7
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand augered to 7'. Sample collected at 4-6'

LOG OF BORING - HART HICKMAN.GDT - 5/29/08 07:54 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (54-B&J).GPJ

Appendix D

Laboratory Analytical Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-1 (0-2)
Prism Sample ID: 211211
COC Group: G0408351
Time Collected: 04/07/08 10:20
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**79.5**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.8	1.4	1	8015B	04/16/08 12:01	jvogel	Q31788
Surrogate recovery was outside of the control limits. Matrix interference is suspected.									
Sample Preparation:			25.11 g	/	1 mL	3545	04/14/08 13:15	wconder	P21355

Surrogate	% Recovery	Control Limits
o-Terphenyl	133 #	49 - 124

Sample Weight Determination									
Weight 1	**5.18**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**5.98**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.3	3.9	50	8015B	04/17/08 1:20	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	126	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-2 (2-5)
Prism Sample ID: 211212
COC Group: G0408351
Time Collected: 04/07/08 10:45
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**80.0**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.8	1.4	1	8015B	04/15/08 16:44	jvogel	Q31788
Sample Preparation:			25.74 g	/	1 mL	3545	04/14/08 13:15	wconder	P21355

Surrogate	% Recovery	Control Limits
o-Terphenyl	102	49 - 124

Sample Weight Determination									
Weight 1	**6.50**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**5.98**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.3	3.9	50	8015B	04/17/08 1:52	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	75	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit
Values are reported down to the reporting limit only. No J-Flags applied.
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-3 (2-5)
Prism Sample ID: 211213
COC Group: G0408351
Time Collected: 04/07/08 11:10
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**84.8**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.3	1.3	1	8015B	04/15/08 17:21	jvogel	Q31788
Sample Preparation:				25 g	/ 1 mL	3545	04/14/08 13:15	wconder	P21355

Surrogate	% Recovery	Control Limits
o-Terphenyl	97	49 - 124

Sample Weight Determination									
Weight 1	**6.39**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.39**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	5.9	3.7	50	8015B	04/17/08 2:23	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	115	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-4 (3-5)
Prism Sample ID: 211214
COC Group: G0408351
Time Collected: 04/07/08 11:30
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**84.4**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**20**	mg/kg	8.3	1.3	1	8015B	04/16/08 12:39	jvogel	Q31788
Sample Preparation:				25.16 g /	1 mL	3545	04/14/08 13:15	wconder	P21355

Surrogate	% Recovery	Control Limits
o-Terphenyl	120	49 - 124

Sample Weight Determination									
Weight 1	**7.57**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.18**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	5.9	3.7	50	8015B	04/17/08 2:55	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	81	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-5 (0-2)
Prism Sample ID: 211215
COC Group: G0408351
Time Collected: 04/07/08 11:45
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**81.3**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.6	1.4	1	8015B	04/16/08 0:11	jvogel	Q31788
Sample Preparation:			25.28 g	/	1 mL	3545	04/14/08 13:15	wconder	P21355

Surrogate	% Recovery	Control Limits
o-Terphenyl	106	49 - 124

Sample Weight Determination									
Weight 1	**5.50**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**5.29**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.2	3.8	50	8015B	04/17/08 3:26	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	114	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-6 (5-7)
Prism Sample ID: 211216
COC Group: G0408351
Time Collected: 04/07/08 11:55
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**76.3**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**15**	mg/kg	9.1	1.5	1	8015B	04/18/08 16:02	jvogel	Q31787
Sample Preparation:				25.3 g	/ 1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	123	49 - 124

Sample Weight Determination									
Weight 1	**6.87**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.53**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.6	4.1	50	8015B	04/17/08 3:58	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	64	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit
Values are reported down to the reporting limit only. No J-Flags applied.
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-9 (5-7)
Prism Sample ID: 211217
COC Group: G0408351
Time Collected: 04/07/08 13:00
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**80.7**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.5	1.4	1	8015B	04/17/08 12:02	jvogel	Q31787
Sample Preparation:			25.39 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	106	49 - 124

Sample Weight Determination									
Weight 1	**5.95**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.36**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.2	3.9	50	8015B	04/17/08 4:29	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	80	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-10 (0-2)
Prism Sample ID: 211218
COC Group: G0408351
Time Collected: 04/07/08 13:25
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**91.1**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**49**	mg/kg	7.6	1.2	1	8015B	04/18/08 12:15	jvogel	Q31787
Sample Preparation:			25.31 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	123	49 - 124

Sample Weight Determination									
Weight 1	**6.09**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.00**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	5.5	3.4	50	8015B	04/17/08 5:01	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	97	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-7 (2-5)
Prism Sample ID: 211219
COC Group: G0408351
Time Collected: 04/07/08 13:40
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**83.2**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**12**	mg/kg	8.3	1.3	1	8015B	04/18/08 16:40	jvogel	Q31787
Sample Preparation:			25.23 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	123	49 - 124

Sample Weight Determination									
Weight 1	**5.91**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.74**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.0	3.8	50	8015B	04/17/08 5:32	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	72	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-8 (2-5)
Prism Sample ID: 211220
COC Group: G0408351
Time Collected: 04/07/08 14:08
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**78.5**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.8	1.4	1	8015B	04/17/08 12:39	jvogel	Q31787
Sample Preparation:			25.31 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	88	49 - 124

Sample Weight Determination									
Weight 1	**5.54**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**5.53**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.4	4.0	50	8015B	04/17/08 6:04	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	70	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC.

Full Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 10 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: Hart & Hickman
Report To/Contact Name: D. Graham
Reporting Address: 2923 S. Tryon St.

Phone: 704-586-0007 Fax (Yes) (No): _____
Email (Yes) (No) Email Address dgraham@harthickman.com
EDD Type: PDF ___ Excel ___ Other _____
Site Location Name: Boone - DOT
Site Location Physical Address: Boone, NC

Project Name: ROW-148
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: _____
Address: _____

Purchase Order No./Billing Reference _____
Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ❑ Standard 10 days ❑ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 1.3	✓		
PROPER PRESERVATIVES indicated?			✓
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC ___ USACE ___ FL ___ NC ✓
SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO ✓
Sample Iced Upon Collection: YES ✓ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSES REQUESTED TPH-GRO/DRO	REMARKS	PRISM LAB ID NO.
50-1 (0-2)	4/7/08	1020	soil	VOA GG	3	40mL 8oz	none/meth	X		211211
50-2 (2-5)		1045						X		211212
50-3 (2-5)		1110						X		211213
50-4 (3-5)		1130						X		211214
50-5 (0-2)		1145						X		211215
50-6 (5-7)		1155						X		211216
50-9 (5-7)		1300						X		211217
50-10 (0-2)		1325						X		211218
50-7 (2-5)		1340						X		211219
50-8 (2-5)		1408						X		211220

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature M. Falkner
Sampled By (Print Name) M. Falkner
Affiliation H&H

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
M. Falkner			
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date	
		4/11/08	920

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
❑ Fed Ex ❑ UPS ✓ Hand-delivered ❑ Prism Field Service ❑ Other _____
COC Group No. G0403351

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
❑	❑	❑	❑	❑	❑	❑	❑	❑

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-11 (4-6)
Prism Sample ID: 211221
COC Group: G0408351
Time Collected: 04/07/08 14:20
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**80.2**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.7	1.4	1	8015B	04/17/08 13:17	jvogel	Q31787
Sample Preparation:			25.22 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	74	49 - 124

Sample Weight Determination									
Weight 1	**6.25**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.10**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.2	3.9	50	8015B	04/17/08 6:35	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	74	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 50-12 (5-8)
Prism Sample ID: 211222
COC Group: G0408351
Time Collected: 04/07/08 14:30
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**75.1**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	9.2	1.5	1	8015B	04/17/08 13:54	jvogel	Q31787
Sample Preparation:				25.2 g	/ 1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	91	49 - 124

Sample Weight Determination									
Weight 1	**6.33**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.27**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.7	4.2	50	8015B	04/17/08 12:27	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	91	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 52-1 (2-5)
Prism Sample ID: 211223
COC Group: G0408351
Time Collected: 04/07/08 14:45
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**70.7**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	9.8	1.6	1	8015B	04/17/08 14:32	jvogel	Q31787
Sample Preparation:			25.38 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	94	49 - 124

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Weight Determination									
Weight 1	**6.21**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.56**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	7.1	4.4	50	8015B	04/17/08 7:39	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	62	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 52-2 (5-7)
Prism Sample ID: 211224
COC Group: G0408351
Time Collected: 04/07/08 14:52
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**75.3**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	9.2	1.5	1	8015B	04/17/08 15:09	jvogel	Q31787
Sample Preparation:			25.24 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	97	49 - 124

Sample Weight Determination									
Weight 1	**5.84**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.68**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.6	4.2	50	8015B	04/17/08 8:10	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	56	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 52-3 (2-4)
Prism Sample ID: 211225
COC Group: G0408351
Time Collected: 04/07/08 15:00
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**74.3**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**340**	mg/kg	230	7.5	5	8015B	04/18/08 17:55	jvogel	Q31787
Sample Preparation:			25.47 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	113	49 - 124

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Weight Determination									
Weight 1	**5.59**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**5.47**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.7	4.2	50	8015B	04/17/08 9:50	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	58	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 52-4 (5-7)
Prism Sample ID: 211226
COC Group: G0408351
Time Collected: 04/07/08 15:10
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**78.4**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.9	1.4	1	8015B	04/18/08 19:48	jvogel	Q31877
Sample Preparation:			25.12 g	/	1 mL	3545	04/16/08 16:00	wconder	P21362

Surrogate	% Recovery	Control Limits
o-Terphenyl	74	49 - 124

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Weight Determination									
Weight 1	**5.47**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.04**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.4	4.0	50	8015B	04/17/08 10:21	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	95	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 54 13J (4-6)
Prism Sample ID: 211227
COC Group: G0408351
Time Collected: 04/07/08 15:40
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**83.1**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.3	1.3	1	8015B	04/18/08 20:24	jvogel	Q31877
Sample Preparation:			25.23 g	/	1 mL	3545	04/16/08 16:00	wconder	P21362

Surrogate	% Recovery	Control Limits
o-Terphenyl	65	49 - 124

Sample Weight Determination									
Weight 1	**5.93**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.49**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.0	3.8	50	8015B	04/17/08 10:52	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	85	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC.

Full Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

PAGE 2 OF 10 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: ROW-148

Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)

*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements

Invoice To: _____

Address: _____

Purchase Order No./Billing Reference _____

Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ❑ Standard 10 days ❑ Rush Work Must Be Pre-Approved

Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

Client Company Name: Hart & Hickman
Report To/Contact Name: D Graham
Reporting Address: 2923 S. Tryon St.

Phone: 704-586-0007 Fax (Yes) (No): _____
Email (Yes) (No) Email Address dgraham@harthickman.com
EDD Type: PDF____ Excel____ Other_____
Site Location Name: Boone-DOT
Site Location Physical Address: Boone, NC

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 1.3	✓		
PROPER PRESERVATIVES indicated?			✓
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC____ USACE____ FL____ NC ✓
SC____ OTHER ✓ N/A____
Water Chlorinated: YES____ NO ✓
Sample Iced Upon Collection: YES ✓ NO____

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSES REQUESTED TPH-GRO DRO	ANALYSES REQUESTED VOCs 8260	REMARKS	PRISM LAB ID NO.
50-11 (4-6)	4/7/08	1420	soil	VOA CG	3	40mL 6oz	none/meth				211221
50-12 (5-8)		1430									211222
52-1 (2-5)		1445									211223
52-2 (5-7)		1452									211224
52-3 (2-4)		1500									211225
52-4 (5-7)		1510									211226
54 B5 (4-6)		1540		VOA CG	3 2 4	40mL 6oz	none/meth		X	HOLD VOCs	211227
53-3 (4-6)		1620		VOA CG	3						211228
53-1 (2-5)		1645									211229
53-2 (5-7)		1700									211230

Sampler's Signature _____ Sampled By (Print Name) M. Falkner Affiliation H&H

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date	
		4/11/08	920

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

❑ Fed Ex ❑ UPS ☒ Hand-delivered ❑ Prism Field Service ❑ Other _____

COC Group No. 60403351

Additional Comments:

PRISM USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
❑	❑	❑	❑	❑	❑	❑	❑	❑

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL