ATTACHMENT 1

Soil Gas Report

Limited Subsurface Investigation
Solutia Site
Woburn, Massachusetts

Prepared for

Roux Associates, Inc.
25 Corporate Drive, Suite 230
Burlington, MA 01801

Prepared by

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May 6, 2002
PSA Reference Number: 01173.2

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Principals: Robert N. Pine, P.E.
John C. Swallow, Ph.D., LSP

May 6, 2002

Heather Trent
Roux Associates, Inc.
25 Corporate Drive, Suite 230
Burlington, MA 01801

RE: Solutia Site, Woburn, Massachusetts

Dear Heather,

In accordance with the proposal dated May 24, 2001, enclosed is our report on additional subsurface investigations performed at the Solutia Site, Woburn, Massachusetts. This report summarizes the equipment and procedures employed by PSA for soil gas sampling as well as the results of on-site gas chromatographic analyses of soil gas.

We appreciated the opportunity to work with you and thank you for engaging our services for this project. If there are any questions, please do not hesitate to call.

Sincerely yours,
Pine & Swallow Associates, Inc.

Gregory Rotondi
Field Chemist

John C. Swallow, Ph.D.
Director of Environmental Sciences

Pine & Swallow Associates, Inc.

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Limited Subsurface Investigation
Solutia Site
Woburn, Massachusetts

I. INTRODUCTION AND PROGRAM SUMMARY

On April 29, 30 and May 1 and 3, 2002, Pine & Swallow Associates, Inc. (PSA) conducted additional subsurface investigations of the Solutia Site, Woburn Massachusetts. The purpose of PSA's effort was to assist Roux Associates, Inc. in assessing soil gas conditions at the site. Details of equipment and procedures for soil gas sampling and results of on-site gas chromatographic (GC) analyses of soil gas for selected volatile organic compounds are enclosed.

Program Summary

PSA's study included soil gas sampling at 101 locations at three areas of the site. Soil gas samples were collected from two to three feet below ground surface (BGS) and were analyzed with a Hewlett Packard GC for benzene and toluene in PSA's mobile laboratory.

All installation and sampling locations were chosen by Roux Associates, Inc. field personnel. All analyses were performed in PSA's field laboratory for compounds determined by Roux Associates, Inc.'s program.

II. FIELD INVESTIGATION METHODS AND PROCEDURES

SOIL GAS INVESTIGATION

Soil Gas Equipment and Methods

Soil gas analysis refers to gas chromatographic (GC) analysis of the soil atmosphere (soil gas) to detect volatiles originating from contaminated soil, from a contaminant groundwater plume or from pure product floating on the groundwater surface. Soil gas analysis allows comparison of concentrations of volatile constituents over an array of test locations to indicate pertinent dimensions of a discharge or plume.

Soil gas samples were obtained by driving a half-inch, steam-cleaned, hollow steel probe fitted with a drive point to a selected depth below grade with one of PSA's VibraDrills and by hand held equipment. The probe was then pulled back and a rod used to drive the point beyond the end of the probe, thereby creating a sampling cavity.

Samples were collected by sealing the top of the sampling probe with a tubing adapter which connects to a monitoring panel and vacuum pump. Ten volumes of air were purged from the sampling system by use of an electric or battery powered pump. During purging, flow and pressure measurements were recorded.

To collect a soil gas sample for GC analysis, the well is purged to allow the sample aliquot to be representative of the sample depth. The sampling vial is then introduced on to the sampling line using new needles and sample line. The well is then isolated from both vacuum pump and the well by sealing the tubing from both sides. After the sampling probe pressure had equilibrated to ambient atmospheric pressure the sample pump is turned on and the line is reopened to allow the soil gas aliquot to pass through the sample vial. The sample is then trapped in the crimp top vial by isolating the sample line from the pump and well the vial is then removed and the sample delivered immediately to the

mobile laboratory. Samples were logged in by the chemist with a chain of custody form which includes the vial ID, sampling location and sample depth, and analyzed according to PSA's analytical SOP.

FIELD CHEMISTRY

PSA utilizes Hewlett Packard 5890 gas chromatographs and a Tekmar 7000/7050 Static Headspace and Autosampler to analyze soil, water and soil gas matrices for a variety of organic environmental contaminants. Gas chromatography (GC) technology physically separates the components of a contaminated matrix and the contaminants are then identified using compound-specific detectors. PSA's GC instrumentation currently employs three different detection modes. The electron capture detector (ECD) is primarily used to identify electromagnetic molecules such as chlorinated, brominated and fluorinated compounds. The photoionization detector (PID) is effective in the determination of aromatic and/or aliphatic contaminants such as benzene, toluene, ethylbenzene and xylenes (BTEX). The flame ionization detector (FID) identifies hydrocarbon-containing molecules such as polynuclear aromatic hydrocarbons and petroleum fuel constituents. Analysis is conducted in accordance with PSA's Standard Operating Procedures (SOPs).

The following are typical autosampler analytical conditions. Auto Sampler: Tekmar 7000/7050 Static Headspace and Autosampler:

Equilibrate:	60°C for 4 min
Vortex Mix:	1.0 min
Stabilize:	2.0 min
Pressurize:	14 psi for 0.3 min
Equilibration:	0.3 min.

An appropriate analytical capillary column is selected for the suite of analytes under study. Once the sample is prepared for analysis and introduced into the GC's heated inlet injection port, it is transported in its gaseous form to the analytical column. As a sample slug migrates through this column, its various components interact with the column film to become temporarily adsorbed and subsequently desorbed. Each compound in the test sample

transits the column at a different rate which is temperature controlled and enhanced, hence creating a unique retention time. Each compound also elicits a unique response from the detectors. These responses are translated within the data collection system in the form of peaks which are assigned height and area values relative to analyses of analytical standards. This data is subsequently evaluated to determine concentration of the target analyte within the sample matrix.

The following are typical GC analytical conditions. GC: Hewlett Packard 5890A. Column: Restek RTX-502.2, 30-m, 0.53-µm ID, 2.0/mm film thickness fused silica capillary column.

Carrier Gas:	Helium
Flow Rate:	10-13 ml/min
Initial Column Temperature:	40°C
Initial Column Holding Time:	2 min
Ramp Rate:	10°C/min
Final Temperature:	130°C
Final Hold Time:	1 min
Approximate GC Cool Down Time:	10 min

NOTE: The typical run time under these conditions is 20 minutes.

Identification and quantification of target analytes detected in the sample are achieved by retention time comparisons to reference standards formulated with analytical grade compounds of known concentrations. In this way, unknowns detected during sample analyses can be identified and concentrations calculated.

For all analyses, blank samples from syringes, sampling equipment and reagents are analyzed periodically to ensure sample and method integrity. Daily check standards are run to verify instrument stability, calibration, sensitivity and performance. Duplicate analyses and replicate sample injections are routinely conducted to support method accuracy and analytical precision.

Soil Gas Program

One hundred and one locations chosen by Roux Associates, Inc. field personnel were sampled for soil gas at depths ranging from two to three feet BGS using PSA's K100 VibraDrill. Soil gas samples were analyzed for benzene and toluene at the direction of Roux Associates, Inc. field personnel on a Hewlett Packard 5890 GC in PSA's field laboratory.

Results of soil gas analyses for the compounds selected by Roux Associates, Inc. field representatives and performed at the Solutia Site, Woburn are tabulated in the Appendix.

This report is submitted subject to the limitations stated in the Appendix.

APPENDIX

Limitations and Conditions

PSA Standard Abbreviations

Soil Gas Logs

Analytical Results

LIMITATIONS AND CONDITIONS

1. The observations described in this report were made under the conditions stated. The conclusions presented in the report were based solely upon the services described and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The report has been prepared in accordance with generally accepted hydrogeological and hydrochemical practices. No other warranty, express or implied, is made.

2. Negative findings for the presence of volatile organic compounds using soil atmosphere analysis are not positive or absolute proof that disposal or discharge of chemicals has not occurred in the past at the sampled locations or anywhere else on the site. Negative findings are not positive or absolute proof that migration, seepage or any other movement of chemicals is not occurring at the sampled locations or elsewhere on the site.

3. Chemical conditions reported herein reflect conditions at the locations tested within the limitations of the methods used. Such conditions can vary rapidly from area to area. No warranty is expressed or implied that chemical conditions other than those reported do not exist within the site.

4. At those locations where volatile organic compounds were reported, chemicals other than those reported may be present. Chemical analyses have been performed for specific parameters during this assessment. However, additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.

5. This report has been prepared for Roux Associates, Inc. solely for use in an environmental evaluation of property at the Solutia Site, Woburn, Massachusetts.

PSA STANDARD ABBREVIATIONS

Abbreviations which may have been used in this report and in the MicroWell logs.

mg/Kg	milligrams per kilogram
mg/L	milligrams per liter
ppb	parts per billion
ppm	parts per million
µg/g	micrograms per gram
µg/Kg	micrograms per kilogram
µg/L	micrograms per liter
"	inches (in)
'	feet (ft)
cm	centimeters
m	meters
mL	milliliters
yd	yards
BGS	below ground surface
D-NAPL	dense non-aqueous phase liquid
GC	gas chromatograph
L-NAPL	light non-aqueous phase liquid
OVM	organic vapor meter
Pipe ID	internal diameter of pipe
Pipe OD	external diameter of pipe
Sample ID	sample identification number
TOC	top of casing
Well ID	well identification number
WL	water level

Soil Gas Field Logs

SOIL GAS FIELD LOG

Project: ISRT/Woburn			Date: 4/29/02		
Project #: 01173			Weather: Cloudy 45 degrees		
Client Name: Roux Associates			Field Personnel: GR/DF/MC		
Sample ID	**Location**	**Sampling Method**	**Sampling Depth**	**Flow (CFH)**	**Pressure (PSI)**
A-6	ABC roofing	Lost point	2.5'-3.0'	50	5
A-5	ABC roofing	Lost point	2.5'-3.0'	50	5
B-2	ABC roofing	Lost point	2.5'-3.0'	50	5
B-3	ABC roofing	Lost point	2.5'-3.0'	45	5
C-4	ABC roofing	Lost point	2.5'-3.0'	45	5
C-5	ABC roofing	Lost point	2.5'-3.0'	45	5
C-6	ABC roofing	Lost point	2.5'-3.0'	50	5
D-6	ABC roofing	Lost point	2.5'-3.0'	50	5
D-7	ABC roofing	Lost point	2.5'-3.0'	50	5
B-4	ABC roofing	Lost point	2.5'-3.0'	45	5
B-5	ABC roofing	Lost point	2.5'-3.0'	50	5
B-6	ABC roofing	Lost point	2.5'-3.0'	50	5
E-5	Digital	Lost point	2.5'-3.0'	50	5
D-5	Digital	Lost point	2.5'-3.0'	50	5
G-6	Digital	Lost point	2.5'-3.0'	45	5
D-6	Digital	Lost point	2.5'-3.0'	45	5
E-6	Digital	Lost point	2.5'-3.0'	45	5
C-7	Digital	Lost point	2.5'-3.0'	45	5
C-8	Digital	Lost point	2.5'-3.0'		
D-9	Digital	Lost point	2.5'-3.0'	45	5
C-9	Digital	Lost point	2.5'-3.0'	50	5

SOIL GAS FIELD LOG

Project: ISRT/Woburn			Date: 4/30/02		
Project #: 01173			Weather: Fair 47 degrees		
Client Name: Roux Associates			Field Personnel: GR/DF/MC		
Sample ID	**Location**	**Sampling Method**	**Sampling Depth**	**Flow (CFH)**	**Pressure (PSI)**
E-7	Digital	Lost point	1.5'-2.0'	45	5
D-7	Digital	Lost point	0.5'-1.0'	45	5
G-7	Digital	Lost point	2.5'-3.0'	45	5
F-6	Digital	Lost point	1.5'-2.0'	45	5
F-7	Digital	Lost point	1.5'-2.0'	45	5
F-8	Digital	Lost point	2.5'-3.0'	45	5
E-8	Digital	Lost point	2.5'-3.0'	45	5
E-9	Digital	Lost point	1.5'-2.0'	45	5
D-8	Digital	Lost point	2.0'-2.5'	45	5
C-10	Digital	Lost point	2.5'-3.0'	45	5
C-11	Digital	Lost point	2.5'-3.0'	45	5
C-12	Digital	Lost point	1.5'-2.5'	45	5
D-12	Digital	Lost point	2.0'-2.5'		
D-11	Digital	Lost point	2.5'-3.0'	45	5
B-2	Sacco's	Lost point	2.5'-3.0'	45	5
B-1	Sacco's	Lost point	2.5'-3.0'	45	5
A-1	Sacco's	Lost point	2.5'-3.0'	45	5
A-2	Sacco's	Lost point	2.5'-3.0'	45	5
A-3	Sacco's	Lost point	2.5'-3.0'	45	5
B-3	Sacco's	Lost point	2.5'-3.0'	45	5
A-8	Sacco's	Lost point	2.5'-3.0'	45	5
B-8	Sacco's	Lost point	2.0'-2.5'	45	5
B-7	Sacco's	Lost point	2.5'-3.0'	45	5

SOIL GAS FIELD LOG

Project: ISRT/Woburn			Date: 5/1/02		
Project #: 01173			Weather: Fair 50 degrees		
Client Name: Roux Associates			Field Personnel: GR/DF/MC		
Sample ID	**Location**	**Sampling Method**	**Sampling Depth**	**Flow (CFH)**	**Pressure (PSI)**
A-6	Sacco's	Lost point	1.5'-2.0'	45	5
A-7	Sacco's	Lost point	1.5'-2.0'	45	5
B-6	Sacco's	Lost point	1.5'-2.0'	45	5
B-5	Sacco's	Lost point	1.5'-2.0'	45	5
B-4	Sacco's	Lost point	1.5'-2.0'	45	5
C-3	Sacco's	Lost point	1.5'-2.0'	45	5
C-4	Sacco's	Lost point	1.5'-2.0'	45	5
C-5	Sacco's	Lost point	1.5'-2.0'	45	5
C-6	Sacco's	Lost point	1.5'-2.0'	45	5
C-7	Sacco's	Lost point	1.5'-2.0'	45	5
C-8	Sacco's	Lost point	1.5'-2.0'	45	5
C-2	Sacco's	Lost point	1.5'-2.0'	45	5
C-1	Sacco's	Lost point	1.5'-2.0'	45	5
A-1	ABC roofing	Lost point	2.5'-3.0'	45	5
B-1	ABC roofing	Lost point	2.5'-3.0'	45	5
C-2	ABC roofing	Lost point	2.5'-3.0'	45	5
C-3	ABC roofing	Lost point	2.5'-3.0'	45	5
D-4	ABC roofing	Lost point	2.5'-3.0'	45	5
D-5	ABC roofing	Lost point	2.5'-3.0'	45	5
B-7	ABC roofing	Lost point	2.5'-3.0'	45	5
C-7	ABC roofing	Lost point	2.5'-3.0'	45	5
D-1	ABC roofing	Lost point	2.5'-3.0'	45	5
C-1	ABC roofing	Lost point	2.5'-3.0'	45	5
D-2	ABC roofing	Lost point	2.5'-3.0'	45	5

SOIL GAS FIELD LOG

Project: ISRT/Woburn			Date:5/1/02		
Project #: 01173			Weather: Fair 60 degrees		
Client Name: Roux Associates			Field Personnel: GR/DF/MC		
Sample ID	**Location**	**Sampling Method**	**Sampling Depth**	**Flow (CFH)**	**Pressure (PSI)**
D-3	ABC roofing	Lost point	2.5'-3.0'	45	5
E-3	ABC roofing	Lost point	2.5'-3.0'	45	5
E-4	ABC roofing	Lost point	2.5'-3.0'	45	5
AM-1	Digital	Lost point	2.5'-3.0'	45	5
AM-2	Digital	Lost point	2.5'-3.0'	50	5
AM-3	Digital	Lost point	2.5'-3.0'	45	5
AM-4	Digital	Lost point	2.5'-3.0'	50	5
AM-5	Digital	Lost point	2.5'-3.0'	45	5
A-2	Digital	Lost point	2.5'-3.0'	50	5
A-1	Digital	Lost point	2.5'-3.0'	50	5

SOIL GAS FIELD LOG

Project: ISRT/Woburn			Date:5/3/02		
Project #: 01173			Weather: Fair 60 degrees		
Client Name: Roux Associates			Field Personnel: GR/DF/MC		
Sample ID	**Location**	**Sampling Method**	**Sampling Depth**	**Flow (CFH)**	**Pressure (PSI)**
A-3	Digital	Lost point	1.5'-2.0'	50	5
A-4	Digital	Lost point	2.0'-2.5'	45	5
A-5	Digital	Lost point	2.0'-2.5'	45	5
A-6	Digital	Lost point	2.0'-2.5'	50	5
A-8	Digital	Lost point	1.5'-2.0'	50	5
A-9	Digital	Lost point	2.0'-2.5'	45	5
A-10	Digital	Lost point	2.0'-2.5'	45	5
A-11	Digital	Lost point	2.0'-2.5'	50	5
A-12	Digital	Lost point	2.0'-2.5'	50	5
A-7	Digital	Lost point	1.5'-2.0'	45	5
B-4	Digital	Lost point	2.0'-2.5'	45	5
B-3	Digital	Lost point	2.0'-2.5'	50	5
B-2	Digital	Lost point	2.0'-2.5'	50	5
B-1	Digital	Lost point	2.0'-2.5'	45	5
C-1	Digital	Lost point	2.0'-2.5'	45	5
C-2	Digital	Lost point	2.0'-2.5'	50	5
D-2	Digital	Lost point	2.0'-2.5'	50	5
E-3	Digital	Lost point	1.0'-1.5'	45	5
E-4	Digital	Lost point	1.0'-1.5'	45	5
F-5	Digital	Lost point	1.0'-1.5'	50	5
A-2	ABC roofing	Lost point	2.0'-2.5'	50	5
A-3	ABC roofing	Lost point	2.0'-2.5'	50	5
A-4	ABC roofing	Lost point	2.0'-2.5'	50	5

Analytical Results

ISRT WOBURN SITE
MOBILE LABORATORY ANALYSIS
SOIL GAS RESULTS

ppbv

Sample ID	Depth	Date	Benzene	Toluene	Location
A-6a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
A-5a	2.5'-3.0'	4/29/02	13	BDL	ABC
B-2a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
B-3a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
C-4a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
C-5a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
C-6a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
D-6a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
D-7a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
B-4a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
B-5a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
B-6a	2.5'-3.0'	4/29/02	BDL	BDL	ABC
D-5d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
E-5d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
C-6d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
D-6d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
E-6d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
C-7d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
C-8d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
D-9d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
C-9d	2.5'-3.0'	4/29/02	BDL	BDL	DIGITAL
E-7d	1.5'-2.0'	4/30/02	BDL	20	DIGITAL
D-7d	0.5'-1.0'	4/30/02	BDL	BDL	DIGITAL
G-7d	2.5'-3.0'	4/30/02	14	BDL	DIGITAL
F-6d	1.5'-2.0'	4/30/02	BDL	BDL	DIGITAL
F-7d	1.5'-2.0'	4/30/02	BDL	BDL	DIGITAL
F-8d	2..5'-3.0'	4/30/02	BDL	BDL	DIGITAL
E-8d	1.5'-2.0'	4/30/02	BDL	BDL	DIGITAL
E-9d	1.5'-2.0'	4/30/02	BDL	BDL	DIGITAL
D-8d	2.0'-2.5'	4/30/02	BDL	BDL	DIGITAL
C-10d	2.5'-3.0'	4/30/02	BDL	BDL	DIGITAL
C-11d	2.5'-3.0'	4/30/02	BDL	BDL	DIGITAL
C-12d	1.5'-2.0'	4/30/02	BDL	BDL	DIGITAL
D-12d	2.0'-2.5'	4/30/02	16	15	DIGITAL
D-11d	2.5'-3.0'	4/30/02	15	BDL	DIGITAL
B-2s	2.5'-3.0'	4/30/02	14	BDL	SACCO
B-1s	2.5'-3.0'	4/30/02	BDL	BDL	SACCO
A-1s	2.5'-3.0'	4/30/02	16	BDL	SACCO
A-2s	2.5'-3.0'	4/30/02	20	BDL	SACCO
A-3s	2.5'-3.0'	4/30/02	BDL	BDL	SACCO
B-3s	2.5'-3.0'	4/30/02	BDL	BDL	SACCO
A-8s	2.5'-3.0'	4/30/02	BDL	BDL	SACCO
B-8s	2.0'-2.5'	4/30/02	BDL	BDL	SACCO
B-7s	2.5'-3.0'	4/30/02	BDL	BDL	SACCO
A-6s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
A-7s	1.0'-1.5	5/1/02	BDL	61	SACCO
B-6s	1.5'-2.0'	5/1/02	BDL	19	SACCO
B-5s	1.5'-2.0'	5/1/02	BDL	16	SACCO
Detection Limts			10	15	

ISRT WOBURN SITE
MOBILE LABORATORY ANALYSIS
SOIL GAS RESULTS

ppbv

Sample ID	Depth	Date	Benzene	Toluene	Location
B-4s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
C-3s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
C-4s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
C-5s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
C-6s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
C-7s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
C-8s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
C-2s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
C-1s	1.5'-2.0'	5/1/02	BDL	BDL	SACCO
A-1a	2.5'-3.0'	5/1/02	BDL	BDL	ABC
B-1a	2.5'-3.0'	5/1/02	BDL	BDL	ABC
C-2a	2.5'-3.0'	5/1/02	BDL	BDL	ABC
C-3a	2.5'-3.0'	5/1/02	BDL	BDL	ABC
D-4a	2.5'-3.0'	5/1/02	16	BDL	ABC
D-5a	2.5'-3.0'	5/1/02	BDL	BDL	ABC
B-7a	2.5'-3.0'	5/1/02	BDL	BDL	ABC
D-1a	2.5'-3.0'	5/1/02	18	BDL	ABC
C-7a	2.5'-3.0'	5/1/02	BDL	BDL	ABC
C-1a	2.5'-3.0'	5/1/02	16	BDL	ABC
D-2a	2.5'-3.0'	5/1/02	30	BDL	ABC
D-3a	2.5'-3.0'	5/1/02	15	BDL	ABC
E-3a	2.5'-3.0'	5/1/02	BDL	BDL	ABC
E-4a	2.5'-3.0'	5/1/02	15	BDL	ABC
A-1dm	2.5'-3.0'	5/1/02	BDL	BDL	DIGITAL
A-2dm	2.5'-3.0'	5/1/02	28	BDL	DIGITAL
A-3dm	2.5'-3.0'	5/1/02	BDL	BDL	DIGITAL
A-4dm	2.5'-3.0'	5/1/02	BDL	BDL	DIGITAL
A-5dm	2.5'-3.0'	5/1/02	14	BDL	DIGITAL
A-1d	2.5'-3.0'	5/1/02	14	BDL	DIGITAL
A-2d	2.5'-3.0'	5/1/02	15	BDL	DIGITAL
A-3d	1.5'-2.0'	5/3/02	BDL	BDL	DIGITAL
A-4d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
A-5d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
A-6d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
A-8d	1.5'-2.0'	5/3/02	BDL	BDL	DIGITAL
A-9d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
A-10d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
A-12d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
A-11d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
A-7d	1.5'-2.0'	5/3/02	BDL	BDL	DIGITAL
B-4d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
B-2d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
B-3d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
B-1d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
C-1d	2.0'-2.5'	5/3/02	13	BDL	DIGITAL
D-2d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
Detection Limts			10	15	

ISRT WOBURN SITE
MOBILE LABORATORY ANALYSIS
SOIL GAS RESULTS

ppbv

Sample ID	Depth	Date	Benzene	Toluene	Location
C-2d	2.0'-2.5'	5/3/02	BDL	BDL	DIGITAL
E-3d	2.0'-2.5'	5/3/02	14	BDL	DIGITAL
E-4d	2.0'-2.5'	5/3/02	13	BDL	DIGITAL
F-5d	1.0'-1.5'	5/3/02	14	BDL	DIGITAL
A-2a	2.0'-2.5'	5/3/02	BDL	BDL	ABC
A-3a	2.0'-2.5'	5/3/02	BDL	BDL	ABC
A-4a	2.0'-2.5'	5/3/02	BDL	BDL	ABC
Detection Limts			10	15	

Notes:
BDL = Below Detection Limit