

11.01.1.2

# PHASE I REMEDIAL INVESTIGATION REPORT

LOCKHEED MARTIN TACTICAL DEFENSE SYSTEMS DIVISION  
(Former Unisys Corp. Site)

Great Neck, New York  
NYSDEC Site No.130045

## APPENDICES A & B

*Prepared for:*

**New York State**

**Department of Environmental Conservation**

*On behalf of:*

**Lockheed Martin Tactical Defense Systems Division of  
Lockheed Martin Tactical Systems, Inc.**

**DECEMBER 1996**

**T**

# H2M GROUP

Holzmaier, McLendon & Murrell, P.C. • H2M Associates, Inc.  
H2M Construction Management, Inc. • H2M Labs, Inc.



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(516) 756-8000 • Fax: (516) 694-4122

January 27, 1997

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New Hyde Park, NY 11040

Dear Librarian:

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Please note that the library need not incur any expense or logistical burdens (i.e., reproduction charges) from serving the interested/affected public by functioning as the repository. The documents should not leave your library overnight as the documents would be difficult to replace. Any questions regarding the materials should be directed to Dr. Joshua Epstein at the NYSDEC at (516) 444-0249. We appreciate your library's assistance to help make public documents accessible to citizens in the local community.

Very truly yours,

**HOLZMACHER, McLENDON & MURRELL, P.C.**

A handwritten signature in cursive script that reads "Richard J. Baldwin".

Richard J. Baldwin  
Project Manager

Enclosures

cc: Anthony Dimino, Lockheed Martin ✓  
Joshua Epstein, NYSDEC  
Girish Desai, NYSDEC





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**HOLZMACHER, McLENDON & MURRELL, P.C.**

A handwritten signature in dark ink, appearing to read "Richard J. Baldwin", written in a cursive style.

Richard J. Baldwin  
Project Manager

Enclosures

cc: Anthony Dimino, Lockheed Martin  
Joshua Epstein, NYSDEC  
Girish Desai, NYSDEC



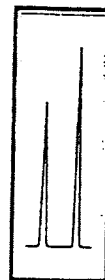
**APPENDIX A**  
**SOIL - GAS SURVEY DATA**

**APPENDIX B**  
**GEOLOGIC LOGS**





Tracer Research Corporation



*Vapor Trace®* Shallow Soil Gas  
Investigation

**PARAMAX BUILDING**  
Great Neck, New York

May 24 thru June 7, 1994



**Vapor Trace® Shallow Soil Gas Investigation**

**PARAMAX BUILDING**  
Great Neck, New York

May 24 thru June 7, 1994

**Prepared for:**

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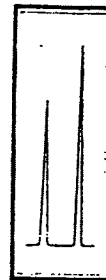
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Submitted by:

*Maigie D. Stivers*  
*[Signature]*

124-0240-S



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## 1.0 PARAMAX BUILDING SITE INVESTIGATION

Tracer Research Corporation (Tracer Research) performed a *Vapor Trace®* shallow soil gas investigation at the Paramax Building located in Great Neck, New York. The investigation was conducted May 24 through June 7, 1994 for UNISYS Corporation of Paoli, Pennsylvania.

### 1.1 Objective

The purpose of the investigation was to determine the extent of possible soil and/or groundwater contamination by screening the shallow soil gas for the presence of volatile organic compounds (VOCs). The soil gas samples were collected and analyzed for the following analyte classes and compounds:

**Analyte Class: Hydrocarbon**

benzene, toluene, ethylbenzene, xylenes (BTEX)

**Analyte Class: Halocarbon**

total 1,2 dichloroethene (1,2 DCE)

trichloroethene (TCE)

tetrachloroethene (PCE)

### 1.2 Overview of Results

For this investigation, one hundred sixty-seven samples were collected from one hundred sixty-seven sampling locations. Samples were collected at depths of 4 to 10 feet below ground surface (bgs). A summary of the results of the investigation is presented in Table 1.



Table 1. Soil Gas Sample Summary

Compound	# of samples in which compound was detected	Low conc. $\mu\text{g/L}$	High conc. $\mu\text{g/L}$	Sample(s) with high conc.
benzene	35	0.01	0.4	G2-SG5-10'
toluene	2	0.03	0.1	G6-SG20-10'
ethylbenzene	1	NA	0.1	G6-SG12-10'
xylene	2	0.08	4	G6-SG12-10'
1,2 DCE	14	0.04	7	G6-SG9-10'
TCE	34	0.0002	600	G6-SG21-10'
PCE	166	0.004	2,700	G6-SG21-10'

NA = Not Applicable

## 2.0 SITE DESCRIPTION

The soil gas samples were collected in six areas in a grid pattern. Samples were collected through soil and asphalt cover. The UNISYS Corporation field representative reported that the subsurface of the site consists of sandy soils with cobblestone at various depths throughout the site. The depth to groundwater was reported to be approximately 100 feet bgs. The direction of groundwater flow was not reported.

## 3.0 SOIL GAS SAMPLING PARAMETERS

Soil gas sampling probes consisted of 7- to 14-foot lengths of 3/4-inch diameter hollow steel pipe. The probes were fitted with detachable drive tips and hydraulically pushed and/or pounded to depths of 4 to 10 feet bgs. An electric rotary hammer was used to drill through the asphalt.

The aboveground end of each probe was fitted with an aluminum reducer (manifold) and a length of polyethylene tubing leading to a vacuum pump. Soil gas was pulled by the vacuum pump into the probe. Samples were collected in a glass syringe by inserting a needle through a silicone rubber segment in the evacuation line



and down into the steel probe. The vacuum was monitored by a vacuum gauge to ensure an adequate gas flow from the vadose zone was maintained.

The volume of air within the probe was purged by evacuating 2 to 5 liters of gas. The evacuation time in minutes versus the vacuum in inches of mercury (Hg) was used to calculate the necessary evacuation time. The vacuum in inches Hg was recorded at each sampling location.

Sample probe vacuums ranged from 2 to 9 inches Hg. The vacuum capacity of the pump was approximately 20 inches Hg.

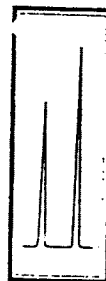
#### 4.0 ANALYTICAL PARAMETERS

During this investigation, up to 10 milliliters (mL) of soil gas were collected for each sample and immediately analyzed in the Tracer Research analytical van. Subsamples (replicates) from these samples were injected into the gas chromatograph (GC) in volumes of 1 to 1,000 microliters ( $\mu$ L) depending on the VOC concentrations in the sample.

Analytical instruments were calibrated daily using fresh working standards made from National Institute of Sciences and Technology (NIST) traceable standards and reagent blanked solvents.

#### 4.1 Chromatographic System

A Hewlett Packard 5890 Series II gas chromatograph, equipped with a flame ionization detector (FID), an electron capture detector (ECD), and two computing integrators, was used for the soil gas analyses. The hydrocarbon compounds, detected with the FID, were separated in the GC on a 6-foot by 1/8 inch outer diameter (OD) packed analytical column (10% OV101 stationary phase bonded to 80/100 mesh Chromosorb W support). The halocarbon compounds, detected with the ECD, were separated in the GC on a 3-foot by 1/8 inch OD packed analytical column (1% SP1000 stationary phase bonded to 60/80 mesh Carbopack B support). Both columns were in a temperature controlled oven. Nitrogen was used as the carrier gas.



The instrument calibrations were checked periodically throughout the day to monitor the response factors and retention times. The following paragraphs explain the GC, FID, and ECD processes.

### **GC Process**

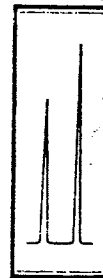
The soil gas is injected into the GC where it is swept through the analytical column by the carrier gas. The detector senses the presence of a component different from the carrier gas and converts that information to an electrical signal. The components of the sample pass through the column at different rates, according to their individual properties, and are detected by the detector. Compounds are identified by the time it takes them to pass through the column (retention time).

### **FID Process**

The FID utilizes a flame produced by the combustion of hydrogen and air. When a component, which has been separated on the GC analytical column, is introduced into the flame, a large increase in ions occurs. A collector with a polarizing voltage is applied near the flame and the ions are attracted and produce a current, which is proportional to the amount of the sample compound in the flame. The electrical current causes the computing integrator to record a peak on a chromatogram. By measuring the area of the peak and comparing that area to the integrator response of a known aqueous standard, the concentration of the analyte in the sample is determined.

### **ECD Process**

The ECD captures low energy thermal electrons that have been ionized by beta particles. The flow of these captured electrons into an electrode produces a small current, which is collected and measured. When the halogen atoms (halocarbons) are introduced into the detector, electrons that would otherwise be collected at the electrode are captured by the sample, resulting in decreased current. The current causes the computing integrator to record a peak on a chromatogram. The area of the peak is compared to the peak generated by a known standard to determine the concentration of the analyte.



## 4.2 Analyses

The detection limits for target compounds depend on the sensitivity of the detector to the individual compound as well as the volume of the sample injection. The detection limits of the target compounds were calculated from the response factor, the sample injection size, and the calculated minimum peak size (area) observed under the conditions of the analyses. If any compound was not detected in an analysis, the detection limit is given as a "less than" value, e.g.,  $<0.01 \mu\text{g/L}$ . The approximate detection limits for the target compounds are presented in Table 2.

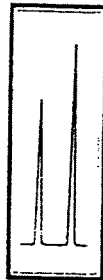
Table 2. Detection Limits for Target Compounds

Compound	Detection Limits ( $\mu\text{g/L}$ )
benzene	0.01
toluene	0.02
ethylbenzene	0.04
xylene	0.05
1,2 DCE	0.01
TCE	0.0001
PCE	0.0003

## 5.0 QUALITY ASSURANCE AND QUALITY CONTROL

Tracer Research's Quality Assurance (QA) and Quality Control (QC) program was followed to maintain data that was reproducible through the investigation. An overview presenting the significant aspects of this program is presented on the following pages.





## Soil Gas Sampling Quality Assurance

To ensure consistent collection of samples, the following procedures are performed:

### - Sampling Manifolds

Tracer Research's custom designed sampling manifold connects the sample probe to the vacuum line and pump. The manifold is designed to eliminate sample exposure to the polymeric (plastic) materials that connect the probe to the vacuum pump.

The sampling manifold is attached to the end of the probe, forming an air tight union between the probe and the silicone tubing septum. The septum connects the manifold to the pump vacuum line and permits syringe sampling.

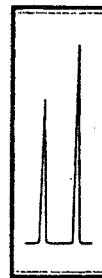
This sampling system allows the sample to be taken upstream of the sampling pump, manifold, and septum. Since cross contamination of sampling equipment can be a major problem, Tracer Research replaces the materials (probe and syringe), between sampling points, that contact the soil gas before or during sampling.

### -Sampling Probes

Steel probes are used only once each day. To eliminate the possibility of cross contamination, they are washed with high pressure soap and hot water spray, or steam-cleaned. Enough sampling probes are carried on each van to avoid the need to re-use any during the day.

### -Glass Syringes

Glass syringes are used for only one sample a day and are washed and baked out at night. If they must be used twice, they are purged with carrier gas (nitrogen) and baked out between probe samplings.



#### -Sampling Efficiency

Soil gas pumping is monitored by a vacuum gauge to ensure that an adequate flow of gas from the soil is maintained. A reliable gas sample can be obtained if the sample vacuum gauge reading is at least 2 inches Hg less than the maximum measured vacuum of the vacuum pump.

#### Analytical Quality Assurance Samples

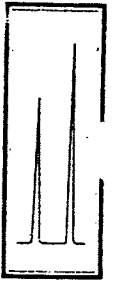
Quality assurance samples are performed at the minimum frequencies listed in Table 3. The actual frequency depends on the number of samples analyzed each day and the length of time of the survey.

Table 3. Quality Assurance Samples

Sample type	Frequency
Ambient Air Samples	3 per day or 1 per site
Analytical Method Blanks	1 per day
Continuing Calibration Check	20% (1 every 5 samples)
Field System Blank	1 per day
Reagent Blank	1 per set of working standards
Replicate Samples	10% of all samples

The ambient air samples are obtained on site by sampling the air immediately outside the mobile analytical van and directly injecting it into the GC. Analytical method blanks are taken to demonstrate that the analytical instrumentation is not contaminated. These are performed by injecting carrier gas (nitrogen) into the GC with the sampling syringe. Subsampling syringes are also checked in this fashion.

Continuing calibration checks are analyzed to verify the detector response for the target VOCs. If the response changes by more than twenty-five percent, the gas chromatograph is recalibrated and new response factors are calculated.



APPENDIX A Condensed Data



Field system blanks are analyzed to check for contamination of the sampling apparatus, e.g., probe and sampling syringe. A sample is collected using standard soil gas sampling procedures, but without putting the probe into the ground. The results are compared to those obtained from a concurrently analyzed ambient air sample.

If the field system blanks detect compounds of interest at concentrations that indicate equipment contamination or concentrations that exceed normal background levels (ambient air analysis), corrective actions are performed. If the problem cannot be corrected, an out-of-control event is documented and reported. Field system blanks are performed after any probe decontamination process.

A reagent blank is performed to ensure the solvent used to dilute the stock standards is not contaminated. Analytical instruments are calibrated daily using fresh working standards made from National Institute of Sciences and Technology traceable standards and reagent blanked solvents.

Quantitative precision is assured by replicating analysis of 10 percent of the samples. Replicate analyses are performed by subsampling vapors from the same sampling syringe.

The injector port septa through which samples are injected into the GC are replaced daily to prevent possible gas leaks from the chromatographic column. All sampling and subsampling syringes are decontaminated after use and are not used again until they have been decontaminated by washing in anionic detergent and baking at 90°C.

## 6.0 RESULTS

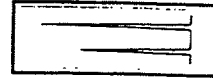
The analytical results from this soil gas investigation are condensed in Appendix A. The data are presented by location and by analyte concentration. When the compound was not detected, the detection limit is presented as a "less than" value, e.g., <0.01 µg/L.

Soil gas samples are identified by grid, sample location and sampling depth. For example, G2-SG1-10' represents a soil gas sample collected from Grid #2, location 1 at a depth of 10 feet bgs.

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 06/04/94

SAMPLE	ETHYL					PCE µg/L
	BENZENE µg/L	TOLUENE µg/L	BENZENE µg/L	XYLENES µg/L	1,2 DCE µg/L	
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.002
G5-SG1-10'	0.03	<0.02	<0.04	<0.05	<0.02	0.02
G5-SG2-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.009
G5-SG3-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.02
G5-SG4-10'	0.01	<0.02	<0.04	<0.05	<0.02	0.005
G5-SG5-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.02
G5-SG6-10'	0.03	<0.02	<0.04	<0.05	<0.02	0.03
G5-SG7-10'	0.03	<0.02	<0.04	<0.05	<0.02	0.008
G5-SG8-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.01
G5-SG9-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.006
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.002
G5-SG10-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.06
G5-SG11-10'	0.02	<0.02	<0.04	<0.05	<0.02	0.01
G5-SG12-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.05
G5-SG13-10'	0.02	<0.02	<0.04	<0.05	<0.02	0.01
G5-SG14-10'	0.02	<0.02	<0.04	<0.05	<0.02	0.008
G5-SG15-10'	0.04	<0.02	<0.04	<0.05	<0.02	0.004
G5-SG16-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.005
G5-SG17-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.04
G5-SG18-10'	0.01	<0.02	<0.04	<0.05	<0.02	0.005
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.001

Analyzed by: C. Gervasini  
 Proofed by: M. Shivers



TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 06/05/94

SAMPLE	BENZENE		TOLUENE		ETHYL BENZENE		XYLENES		1,2 DCE		TCE		PCE	
	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.004							
G5-SG19-10'	<0.01	<0.02	<0.04	<0.05	<0.01	0.02	0.004							
G5-SG20-10'	<0.01	<0.02	<0.04	<0.05	<0.01	0.0002	0.07							
G5-SG21-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.003	0.5							
G5-SG22-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.005	0.2							
G5-SG23-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.02	0.1							
G5-SG24-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.09	0.1							
G5-SG25-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.03	0.1							
G5-SG26-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.08	0.1							
G5-SG27-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.03	0.1							
G5-SG28-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.002	0.01							
AIR	0.1	0.2	<0.04	<0.05	<0.01	<0.0001	0.002							
G5-SG29-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.03	0.02							
G5-SG30-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.003	0.02							
G5-SG31-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.002	0.02							
G5-SG32-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.03	0.006							
G5-SG33-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.04	0.02							
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.0005							

Analyzed by: C. Gervasini  
 Proofed by: M. Silver

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 05/24/94

SAMPLE	ETHYL					PCE µg/L
	BENZENE µg/L	TOLUENE µg/L	BENZENE µg/L	XYLENES µg/L	1,2 DCE µg/L	
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.0009
G2-SG1-10'	<0.01	<0.02	<0.04	<0.05	0.08	0.2
G2-SG2-8'	0.06	<0.02	<0.04	0.08	0.1	0.4
G2-SG3-10'	0.05	<0.02	<0.04	<0.05	<0.04	0.2
G2-SG4-10'	<0.01	<0.02	<0.04	<0.05	0.03	0.1
G2-SG8-10'	<0.01	<0.02	<0.04	<0.05	0.1	0.5
G2-SG7-10'	<0.01	<0.02	<0.04	<0.05	0.2	0.8
G2-SG6-10'	0.1	<0.02	<0.04	<0.05	0.1	0.3
G2-SG5-10'	0.4	<0.02	<0.04	<0.05	0.1	0.3
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.003
G2-SG13-10'	<0.01	<0.02	<0.04	<0.05	<0.01	0.007
G2-SG14-10'	<0.01	<0.02	<0.04	<0.05	<0.01	0.02
G2-SG15-10'	<0.01	<0.02	<0.04	<0.05	<0.01	0.1
G2-SG16-10'	0.1	0.03	<0.04	<0.05	<0.01	0.01
G2-SG18-10'	<0.01	<0.02	<0.04	<0.05	0.04	0.1
G2-SG17-10'	0.07	<0.02	<0.04	<0.05	0.04	0.1
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.002

Analyzed by: C. Gervasini  
 Proofed by: M. Stiles

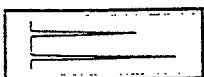


Tracer Research Corporation

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 05/25/94

SAMPLE	BENZENE		TOLUENE		ETHYL BENZENE		XYLENES		1,2 DCE		TCE		PCE	
	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.003							
G1-SG2-10'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.02							
G1-SG3-5'	<0.01	<0.02	<0.04	<0.05	<0.02	0.0006	0.03							
G1-SG4-5'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.01							
G1-SG5-5'	<0.01	<0.02	<0.04	<0.05	<0.02	0.004	0.02							
G1-SG5-8'	<0.01	<0.02	<0.04	<0.05	<0.02	0.01	0.02							
G1-SG6-9'	<0.01	<0.02	<0.04	<0.05	<0.02	0.009	0.01							
AIR	<0.01	<0.02	<0.04	<0.05	0.01	0.0001	0.003							
G1-SG13-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.02	0.02							
G1-SG14-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.0007	0.008							
G1-SG12-5'	<0.01	<0.02	<0.04	<0.05	<0.02	0.01	0.03							
G1-SG11-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.0009	0.02							
G1-SG10-8'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.02							
G1-SG9-6'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.005							
G1-SG8-9'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.007							
G1-SG15-9'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.008							
AIR	<0.01	<0.02	<0.04	<0.05	<0.02	0.0003	0.003							

Analyzed by: C. Gervasini  
 Proofed by: M. Stiles

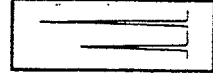




TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 05/26/94

SAMPLE	ETHYL					PCE µg/L
	BENZENE µg/L	TOLUENE µg/L	BENZENE µg/L	XYLENES µg/L	1,2 DCE µg/L	
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.002
G1-SG16-7'	<0.01	<0.02	<0.04	<0.05	<0.02	0.007
G1-SG17-9'	<0.01	<0.02	<0.04	<0.05	<0.02	0.05
G1-SG22-5'	<0.01	<0.02	<0.04	<0.05	<0.02	0.004
G1-SG23-6'	0.04	<0.02	<0.04	<0.05	<0.02	0.005
G1-SG24-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.006
G1-SG25-6'	<0.01	<0.02	<0.04	<0.05	<0.02	0.005
G1-SG26-5'	0.02	<0.02	<0.04	<0.05	<0.02	0.007
G1-SG27-8'	0.02	<0.02	<0.04	<0.05	<0.02	0.05
G1-SG28-10'	0.02	<0.02	<0.04	<0.05	<0.02	0.005
G1-SG1-4'	0.02	<0.02	<0.04	<0.05	<0.02	0.03
AIR	0.02	<0.02	<0.04	<0.05	<0.02	0.002
G1-SG29-6'	0.02	<0.02	<0.04	<0.05	<0.02	0.01
G1-SG30-9'	<0.01	<0.02	<0.04	<0.05	<0.02	0.01
G1-SG31-8'	<0.01	<0.02	<0.04	<0.05	<0.02	0.006
G1-SG18-5'	<0.01	<0.02	<0.04	<0.05	<0.02	0.02
G1-SG19-6'	0.02	<0.02	<0.04	<0.05	<0.02	0.02
G1-SG20-10'	0.02	<0.02	<0.04	<0.05	<0.02	0.02
G1-SG21-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.007
AIR	0.02	<0.02	<0.04	<0.05	<0.01	0.001

Analyzed by: C. Gervasini  
 Proofed by: M. S. Silva



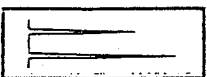
TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S

05/27/94

SAMPLE	BENZENE		TOLUENE		ETHYL BENZENE		XYLENES		1,2 DCE		TCE		PCE	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.001							
G4-SG12-10'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.05							
G4-SG11-10'	0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.02							
G4-SG10-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.1	0.6							
G4-SG8-8'	<0.5	<0.02	<0.04	<0.05	<0.02	<0.0002	NA							
G4-SG7-10'	<0.01	<0.02	<0.04	<0.05	<0.02	0.001	0.2							
G4-SG4-5'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.01							
G4-SG3-5'	0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.01							
G4-SG6-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.007	0.1							
G4-SG2-9'	<0.01	<0.02	<0.04	<0.05	<0.02	0.005	0.09							
G4-SG1-10'	0.03	<0.02	<0.04	<0.05	<0.02	0.002	0.05							
AIR	0.03	<0.02	<0.04	<0.05	<0.01	<0.0001	0.002							
G4-SG5-10'	<0.01	<0.02	<0.04	<0.05	<0.1	<0.001	0.04							
G4-SG9-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.02	0.1							
G4-SG13-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.3	0.8							
G4-SG14-6'	<0.01	<0.02	<0.04	<0.05	<0.1	0.3	1							
G4-SG15-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.002	0.9							
G4-SG16-10'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.001	0.01							
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.002							

NA = Not Analyzed

Analyzed by: C. Gervasini  
Proofed by: M. Stileca



TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 05/31/94

SAMPLE	BENZENE µg/L	TOLUENE µg/L	ETHYL BENZENE µg/L	XYLENES µg/L	1,2 DCE µg/L	TCE µg/L	PCE µg/L
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.003
G4-SG19-8'	<0.01	<0.02	<0.04	<0.05	<0.06	0.4	1
G4-SG20-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.3	2
G4-SG18-9'	<0.01	<0.02	<0.04	<0.05	<0.2	0.6	1
G4-SG17-7'	0.04	<0.02	<0.04	<0.05	<0.1	0.07	0.2
AIR	0.02	<0.02	<0.04	<0.05	<0.01	<0.0001	0.005
G3-SG1-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.02	0.09
G3-SG2-10'	0.03	<0.02	<0.04	<0.05	<0.02	0.09	0.1
G3-SG3-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.1	0.7
G3-SG4-10'	<0.01	<0.02	<0.04	<0.05	<0.2	0.4	0.5
G3-SG5-10'	0.02	<0.02	<0.04	<0.05	<0.1	0.2	0.9
G3-SG6-8'	0.04	<0.02	<0.04	<0.05	<0.2	0.03	0.2
G3-SG7-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.02	0.08
G3-SG8-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.03	0.06
G3-SG9-10'	0.02	<0.02	<0.04	<0.05	<0.06	0.1	0.05
G3-SG10-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.03	0.01
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.001

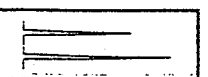
Analyzed by: C. Gervasini  
 Proofed by: M. Shelton



TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 6/01/94

SAMPLE	BENZENE		ETHYL TOLUENE		BENZENE		XYLENES		1,2 DCE		TCE		PCE	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.004							
G3-SG11-8'	<0.01	<0.02	<0.04	<0.05	<0.06	0.005	0.02							
G3-SG12-8'	<0.01	<0.02	<0.04	<0.05	<0.06	0.4	0.08							
G3-SG13-8.5'	<0.01	<0.02	<0.04	<0.05	<0.1	3	0.1							
G3-SG14-10'	<0.01	<0.02	<0.04	<0.05	<0.2	6	0.1							
G3-SG15-10'	0.07	<0.02	<0.04	<0.05	<0.06	0.0005	0.05							
G3-SG16-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.02	0.07							
G3-SG17-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.05	0.07							
G3-SG18-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.6	0.1							
G3-SG19-8'	<0.01	<0.02	<0.04	<0.05	<0.1	0.06	0.06							
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.003							
G3-SG20-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.2	0.05							
G3-SG21-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.2	0.04							
G3-SG22-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.02	0.02							
G3-SG23-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.4	0.04							
G3-SG24-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.01	0.03							
G3-SG25-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.02	0.03							
G3-SG26-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.002	0.02							
G3-SG27-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.0005	0.08							
G3-SG28-10'	<0.01	<0.02	<0.04	<0.05	<0.02	<0.0002	0.07							
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.001							

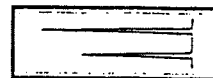
Analyzed by: C. Gervasini  
 Proofed by: M. Silva



TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
06/02/94

SAMPLE	ETHYL					1,2 DCE µg/L	TCE µg/L	PCE µg/L
	BENZENE µg/L	TOLUENE µg/L	BENZENE µg/L	XYLENES µg/L				
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.004	
G3-SG29-10'	<0.01	<0.02	<0.04	<0.05	<0.06	<0.0005	0.01	
G3-SG30-10'	<0.01	<0.02	<0.04	<0.05	<0.03	0.002	0.03	
G3-SG31-10'	<0.01	<0.02	<0.04	<0.05	<0.03	0.05	0.8	
G3-SG33-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.02	0.07	
G3-SG34-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.03	0.05	
G3-SG35-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.02	0.09	
G3-SG36-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.08	0.5	
G3-SG37-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.1	0.8	
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.0001	0.001	
G3-SG38-10'	<0.01	<0.02	<0.04	<0.05	<0.05	0.5	0.07	
G3-SG32-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.1	0.2	
C3-SG39-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.2	0.06	
G6-SG1-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.6	0.8	
G6-SG2-10'	<0.01	<0.02	<0.04	<0.05	<0.1	1	2	
G6-SG3-10'	<0.01	<0.02	<0.04	<0.05	<0.2	0.1	2	
G6-SG4-10'	<0.01	<0.02	<0.04	<0.05	<0.2	0.2	0.2	
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.0008	

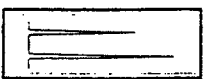
Analyzed by: C. Gervasini  
Proofed by: M. Stiles



TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 JN1SYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 16/03/94

SAMPLE	BENZENE		TOLUENE		ETHYL BENZENE		XYLENES		1,2 DCE		TCE		PCE	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
AIR	0.02	<0.02	<0.04	<0.05	<0.01	<0.0001	0.004							
36-SG5-10'	0.03	<0.02	<0.04	<0.05	<0.06	0.1	0.1							
36-SG6-10'	<0.01	<0.02	<0.04	<0.05	0.4	10	6							
36-SG7-10'	<0.01	<0.02	<0.04	<0.05	<2	6	60							
36-SG8-10'	<0.01	<0.02	<0.04	<0.05	<2	0.6	4							
36-SG9-10'	<0.01	<0.02	<0.04	<0.05	7	4	3							
AIR	<2	<5	<9	<10	<0.01	0.0003	0.002							
36-SG10-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.3	0.6							
36-SG11-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.01	0.04							
36-SG12-10'	<0.01	<0.02	0.1	4	0.9	1	10							
36-SG13-10'	0.03	<0.02	<0.04	<0.05	<0.1	0.2	0.7							
36-SG14-10'	0.03	<0.02	<0.04	<0.05	<0.06	0.8	1							
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	<0.0001	0.001							

Analyzed by: C. Gervasini  
 Proofed by: M. Stivelo

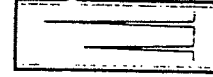


TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 UNISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 06/06/94

SAMPLE	ETHYL					PCE µg/L
	BENZENE µg/L	TOLUENE µg/L	BENZENE µg/L	XYLENES µg/L	1,2 DCE µg/L	
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.002
G6-SG19-10'	<0.3	<0.02	<0.04	<0.05	5	30
G6-SG20-10'	INT	0.1	<0.04	<0.05	2	200
G6-SG21-10'	<0.01	<0.02	<0.04	<0.05	<120	2700
G6-SG22-10'	<0.01	<0.02	<0.04	<0.05	<0.2	1
G6-SG23-10'	INT	<0.02	<0.04	<0.05	<12	130
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.003
G6-SG24-10'	<0.01	<0.02	<0.04	<0.05	<0.2	>6
G6-SG25-10'	<0.01	<0.02	<0.04	<0.05	<0.2	0.3
G6-SG16-10'	<0.01	<0.02	<0.04	<0.05	<0.2	0.2
G6-SG15-5'	<0.01	<0.02	<0.04	<0.05	<0.05	0.03
G6-SG17-10'	<0.01	<0.02	<0.04	<0.05	<0.1	0.3
G6-SG18-10'	<0.01	<0.02	<0.04	<0.05	INT	>2
AIR	<0.01	<0.02	<0.04	<0.05	<0.01	0.004

INT = Interference  
 > = Out of Linear Range / Concentration may be greater

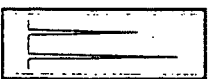
Analyzed by: C. Gervasini  
 Proofed by: M. Shuler



TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS  
 INISYS Corporation/ Paramax Building/ Great Neck, New York/ 124-0240-S  
 6/07/94

AMPLE	BENZENE µg/L	TOLUENE µg/L	ETHYL BENZENE µg/L	XYLENES µg/L	1,2 DCE µg/L	TCE µg/L	PCE µg/L
IR	<0.01	<0.02	<0.04	<0.05	<0.01	0.0001	0.005
i6-SG27-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.2	0.5
i6-SG28-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.04	0.07
i6-SG29-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.2	0.3
i6-SG30-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.4	0.8
i6-SG31-10'	<0.01	<0.02	<0.04	<0.05	<0.06	0.08	0.2
IR	<0.01	<0.02	<0.04	<0.05	<0.01	0.0003	0.004

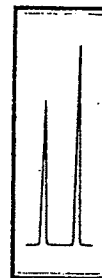
analyzed by: C. Gervasini  
 roofed by: M. Stiver



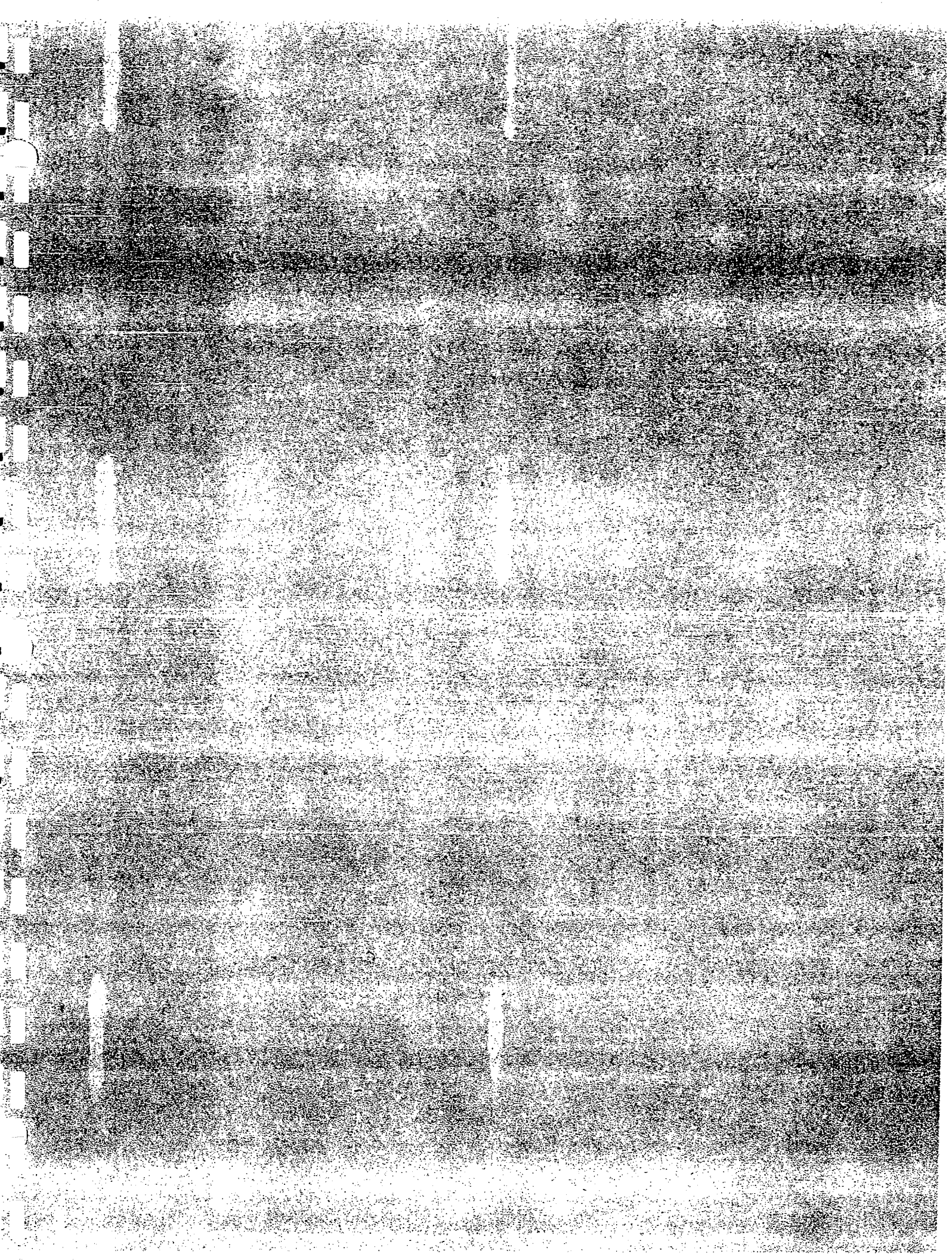




Tracer Research Corporation



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<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation	
		<b>WELL NO.:</b> B-15	
		<b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> --	
<b>DATE COMPLETED:</b> November 17, 1993		<b>SLOT NO.:</b> -- <b>SETTING:</b> --	
<b>DRILLING COMPANY:</b> North Jersey Drilling Co, Inc.		<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Hollow-stem auger		<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Continuous split spoon		<b>CASING SIZE &amp; TYPE:</b> --	
<b>OBSERVER:</b> Stephen M. Ritz		<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade		<b>SEAL TYPE:</b> --	
<b>ELEVATION OF RP:</b> --		<b>SETTING:</b> --	
<b>STICK-UP:</b> --		<b>BACKFILL TYPE:</b> Cuttings	
<b>SURFACE COMPLETION:</b> --		<b>STATIC WATER LEVEL:</b> --	
		<b>DEVELOPMENT METHOD:</b> --	
		<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>REMARKS:</b> Soil boring only: Laboratory samples collected from 10 to 12 and 18 to 20 ft bg. MS/MSD collected from 18 to 20 ft.			
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube <b>REC = Recovery PPM = parts per million</b>			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0.0	2.0	SS	3-4-7-8	0.6	4.0	FILL, composed of sand, fine to medium; with gravel, fine to coarse; some silt; brown; dry.
2.0	4.0	SS	5-7-7-6	0.8	1.4	FILL, composed of sand, fine to medium; with gravel, fine to medium; some silt; moist; brown; dry.
4.0	6.0	SS	5-5-5-7	0.0	--	No recovery.
6.0	8.0	SS	12-9-9-6	0.7	2.3	FILL, composed of sand, fine to medium; with silt; some gravel, medium to coarse; brown; moist.
8.0	10.0	SS	6-13-12-9	0.6	38.7	FILL, composed of sand, fine to medium; and silt; some gravel, fine to coarse; brown; moist.
10.0	12.0	SS	46-15-14-16	1.2	97.0	FILL, composed of sand, fine to medium; and silt; some gravel; medium to coarse; brown; black staining below 11 ft.; moist; hydrocarbon odor.
12.0	14.0	SS	59-43-31-66	0.6	14.3	SAND, fine to medium; and silt; with gravel, fine to coarse; brown; moist.

OWNER: Unisys Corporation

WELL NO.: B-15

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
14.0	16.0	SS	9-47-68-85	1.1	102.0	SAND, fine to medium; with gravel, fine to coarse; some rock fragments; trace silt; brown; dry.
16.0	18.0	SS	19-46-100R	1.2	35.5	SAND, fine to medium; with silt; some gravel; fine to coarse; rock fragments; brown; dry.
18.0	20.0	SS	48-59R	0.8	-	SAND, fine to medium; with silt; some gravel; fine to coarse; rock fragments; brown; dry.
19.0	21.0	SS	22-16-19-20	1.0	11.8	SAND, fine to medium; with silt; some gravel; fine to coarse; rock fragments; brown; dry.
21.0						End of boring.

w17.93/WELLFORM

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation <b>WELL NO.:</b> B-16 <b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.:</b> -- <b>SETTING:</b> --	
<b>DATE COMPLETED:</b> November 17, 1993		<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> North Jersey Drilling Co, Inc.		<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Hollow-stem auger		<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Continuous split spoon		<b>SETTING:</b> --	
<b>OBSERVER:</b> Stephen M. Ritz		<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --		<b>BACKFILL TYPE:</b> Cuttings	
<b>STICK-UP:</b> --		<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> --		<b>DEVELOPMENT METHOD:</b> --	
<b>REMARKS:</b> Soil boring only: Laboratory samples collected from 13 to 15 and 19 to 21 ft.		<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
						Boring is located in manhole that housed former dry well. Dry well had been backfilled to approximately 5 ft bg.
5.0	7.0	SS	3-7-14-8	1.0	39.3	FILL, composed of silt; and sand, fine; some gravel, fine; brown; moist.
7.0	9.0	SS	6-4-5-10	1.0	184.4	FILL, composed of silt; with sand, fine to medium; some gravel, fine to medium; dark brown; moist.
9.0	11.0	SS	7-11-7-3	0.8	622.4	FILL, composed of silt; with sand, fine to medium; some gravel; fine to medium; dark brown; moist.
11.0	13.0	SS	4-8-12-11	0.8	3,713.4	FILL, composed of sand, fine to medium; with gravel, fine to coarse; some silt; brown; stained black below 11.4 ft bg; moist; sheen and solvent odor apparent.
13.0	15.0	SS	33-10-9-10	1.2	4,300	SAND, fine to medium; with gravel; fine to medium; brown; moist; solvent odor.

OWNER: Unisys Corporation

WELL NO.: B-16

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
15.0	17.0	SS	8-9-12-14	1.0	3,000	SAND, fine to medium; some gravel, fine to medium; brown with iron banding; moist.
17.0	19.0	SS	5-11-12-15	1.3	3,031	SAND, fine to medium; some gravel, fine to medium; brown with iron banding; moist.
19.0	21.0	SS	18-14-5-7	1.3	3,013	SAND, fine to medium; some gravel, fine to medium; brown with iron banding; moist.
	21.0					End of boring.

w17.93/WELLFORM



<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation <b>WELL NO.:</b> B-17 <b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.:</b> -- <b>SETTING:</b> --	
<b>DATE COMPLETED:</b> November 18, 1993		<b>SAND PACK SIZE &amp; TYPE:</b> -- <b>SETTING:</b> --	
<b>DRILLING COMPANY:</b> North Jersey Drilling Co, Inc.		<b>CASING SIZE &amp; TYPE:</b> -- <b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Hollow-stem auger		<b>SEAL TYPE:</b> -- <b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Continuous split spoon		<b>BACKFILL TYPE:</b> Cuttings	
<b>OBSERVER:</b> Stephen M. Ritz		<b>STATIC WATER LEVEL:</b> --	
<b>REFERENCE POINT (RP):</b> Grade		<b>DEVELOPMENT METHOD:</b> --	
<b>ELEVATION OF RP:</b> --		<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>STICK-UP:</b> --			
<b>SURFACE COMPLETION:</b> --			
<b>REMARKS:</b> Soil boring only: Laboratory samples collected from 16 to 18 and 18 to 20 ft; Duplicate collected from 18 to 20 ft.			
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0.0	2.0	SS	5-7-10-11	1.5	1.2	FILL, composed of silt; and sand, fine to medium; some gravel, fine to coarse; brown; moist.
2.0	4.0	SS	23-28-33-31	1.0	3.6	FILL, composed of sand, fine to medium; with silt; some gravel, fine to coarse; brown; dry.
4.0	6.0	SS	9-40-42-32	0.8	77.0	FILL, composed of sand, fine to medium; with silt; some gravel, fine to coarse; brown; dry.
6.0	8.0	SS	15-29-27-48	1.5	11.3	FILL, composed of sand, fine to medium; with silt; some gravel, fine to coarse; brown; dry.
8.0	10.0	SS	30-54-60-65	1.3	16.7	FILL, composed of sand, fine to medium; with silt; some gravel, fine to coarse; brown; dry.
10.0	12.0	SS	22-49-78-70R	1.4	22.5	FILL, composed of sand, fine to coarse; with silt; some gravel, fine to coarse; brown; dry.
12.0	14.0	SS	11-39-47-32	1.6	302	FILL, composed of sand, fine to coarse; with silt; some gravel, fine to coarse; brown; dry.

OWNER: Unisys Corporation

WELL NO.: B-17

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
14.0	16.0	SS	16-14-22-32	1.5	891	SAND, fine to coarse; some gravel, fine to medium; trace silt; brown; moist.
16.0	18.0	SS	15-19-20-22	1.3	3,553	SAND, fine to coarse; some gravel, fine to coarse; trace silt; brown; moist; solvent odor.
18.0	20.0	SS	11-16-19-26	1.8	2,813	SAND, fine to coarse; some gravel, fine to coarse; trace silt; brown; moist; solvent odor.
20.0						End of boring.

w17.93/WELLFORM

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation <b>WELL NO.:</b> B-18 <b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.:</b> -- <b>SETTING:</b> --	
<b>DATE COMPLETED:</b> November 18, 1993		<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> North Jersey Drilling Co, Inc.		<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Hollow-stem auger		<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Continuous split spoon		<b>SETTING:</b> --	
<b>OBSERVER:</b> Stephen M. Ritz		<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --		<b>BACKFILL TYPE:</b> Cuttings	
<b>STICK-UP:</b> --		<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> --		<b>DEVELOPMENT METHOD:</b> --	
<b>DURATION:</b> -- <b>YIELD:</b> --			
<b>REMARKS:</b> Soil boring only: Laboratory samples collected from 6 to 8 and 18 to 20 ft bg.			
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0.0	2.0	SS	17-25-15-17	1.1	59.6	FILL, composed of sand, fine to medium; and silt; some gravel, fine to coarse; dark brown; moist.
2.0	4.0	SS	4-4-4-4	0.55	86.6	FILL, composed of silt; with sand, fine to medium; some gravel, fine to medium; brown; moist.
4.0	6.0	SS	6-9-14-11	1.0	2,729	FILL, composed of brick fragments; and silt; with sand, fine to medium; some gravel, fine to medium; dark brown; very moist; small patches of black staining.
6.0	8.0	SS	5-5-4-28	1.0	3,778	SLUDGE, composed of silt; and sand, fine to medium; some gravel, fine to medium; brick fragments; black; very moist; solvent odor.
8.0	10.0	SS	10-37R	0.50	3,760	SLUDGE, composed of silt; and sand, fine to medium; some gravel, medium to fine; brick fragments; black; moist (spongy); strong solvent odor.
10.0	12.0	SS	17-21-29-58	1.6	1,288	SAND, fine to coarse; with gravel, fine to coarse; trace silt; moist; brown; solvent odor.

OWNER: Unisys Corporation

WELL NO.: B-18

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
12.0	14.0	SS	25-58R	0.7	1,341	FILL, composed of silt; and sand, fine to medium; some gravel, fine to coarse; brown; moist; solvent odor.
14.0	16.0	SS	10-18-14-24	1.3	438	SAND, fine to medium; with gravel, fine to coarse; brown; moist; solvent odor.
16.0	18.0	SS	16-31-32-31	1.4	675	SAND, fine to coarse; with gravel, fine to coarse; brown; moist.
18.0	20.0	SS	12-21-23-17	1.2	2,008	SAND, fine to coarse; with gravel, fine to coarse; brown with blotchy black staining; moist; heavy solvent odor.
20.0	22.0	SS	8-23-14-13	1.5	975	SAND, fine to coarse; with gravel, fine to medium; brown; moist; black staining 20.85 - 20.90 ft.; solvent odor.
22.0	24.0	SS	9-14-16-17	1.6	2,617	SAND, fine to coarse; with silt; some gravel, fine to medium; brown; moist; solvent odor.
24.0						End of boring.

w17.93/WELLFORM

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation	
		<b>WELL NO.:</b> B-19	
		<b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> --  <b>SLOT NO.:</b> -- <b>SETTING:</b> --	
<b>DATE COMPLETED:</b> November 19, 1993		<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> North Jersey Drilling Co, Inc.		<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Hollow-stem auger		<b>CASING SIZE &amp; TYPE:</b> --  <b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Continuous split spoon		<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Stephen M. Ritz		<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b> Cuttings	
<b>ELEVATION OF RP:</b> --		<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --		<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> --		<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>REMARKS:</b> Soil boring only: Laboratory samples collected from 6 to 8 and 18 to 20 ft bg.			
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0.0	2.0	SS	6-13-6-3	0.5	4.5	CONCRETE 0.0 - 0.5 foot. FILL, 0.5-2.0 feet; composed of silt; and sand, fine to medium; with gravel, medium to coarse; moist; dark brown.
2.0	4.0	SS	30R	0.1	48.7	FILL, composed of silt; and sand, fine to medium; with gravel, medium to coarse; moist; dark brown.
4.0	6.0	SS	3-1-2-2	1.3	87.8	SILT; 4.0 - 4.8 feet; with, sand, fine to medium; some gravel, medium to fine; brown; moist. SLUDGE, 4.8 - 5.5 feet; composed of silt; with sand, fine to medium; some gravel; medium to fine; black; very moist strong solvent odor.
6.0	8.0	SS	2-1-7-5	1.3	2,453	SLUDGE, 6.0 - 6.9 feet; composed of silt; with sand, fine to medium; some gravel; medium to fine; black; very moist strong solvent odor. Cardboard; 6.9 - 7.3 feet; black; solvent odor.
8.0	10.0	SS	5-7-11-13	1.5	1,136	SLUDGE, 8.0 - 8.6 feet; composed of silt; with sand, fine to medium; some gravel; medium to fine black; very moist; strong solvent odor. SAND, 8.6 - 9.5 feet; fine to coarse; with gravel, fine to coarse; trace silt; brown; moist.

OWNER: Unisys Corporation

WELL NO.: B-19

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
10.0	12.0	SS	18-20-22-22	1.1	618	SAND, fine to medium; some gravel, fine to coarse; brown; moist.
12.0	14.0	SS	11-19-19-18	1.21	220	SAND, fine to coarse; with gravel, fine to coarse; some silt; brown; moist.
14.0	16.0	SS	9-12-15-13	1.6	301	SAND, fine to coarse; some silt, brown; trace gravel, fine to medium; brown; moist.
16.0	18.0	SS	6-11-12-13	1.3	542	SAND, fine to medium; with gravel, medium to fine; trace silt; brown, with thin iron banding; moist.
18.0	20.0	SS	6-8-9-12	1.5	1,100	SAND, fine to medium; some gravel; fine; brown; moist.
20.0						End of boring.

w17.93/WELLFORM

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation <b>WELL NO.:</b> 2 ML <b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 397-407 ft bg	
<b>DATE COMPLETED:</b> August 10, 1994 <b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel <b>SETTING:</b> 395-407 ft bg	
<b>DRILLING METHOD:</b> Mud rotary/auger		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel <b>SETTING:</b> 0 - 100 ft bg	
<b>SAMPLING METHOD:</b> Split spoon/hydropunch <b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement <b>SETTING:</b> 0-395 ft bg	
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b>	
<b>ELEVATION OF RP:</b>		<b>STATIC WATER LEVEL:</b> 85.00 ft btoc	
<b>STICK-UP:</b>		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>REMARKS:</b>			
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
3	5	SS	17-28-14-19	0.75	0	Sand and gravel, fine; some crushed rock; brown.
8	10	SS	24-15-17-13	0.50	0	SAND, fine to medium; some gravel, black; brown; white.
10	20	C				SAND, fine to medium; some gravel, very fine; brown; black.
20	30	C				Sand; and gravel, very fine to medium; brown; black.
30	40	C				Sand; and gravel, very fine to medium; brown; black.
40	48	C				SAND, very fine; brown; black; little clay; white.
48	50	SS	2-10-43-54	1.00	616	SAND, fine to medium; brown, black.
50	60	C				SAND, very fine to medium; little gravel, very fine; brown; black; white.
60	80	C				SAND, fine to very coarse; little gravel, very fine; white; black; brown.
80	98	C				Sand and gravel, very fine to medium; black; brown; white.
98	100	SS	5-12-38-43	0.75	558	SAND, coarse to fine; white; brown.
100	120	C				SAND, fine; brown; black; little gravel, very fine; brown; black; trace clay; white.
120	140	C				SAND, very fine; black; brown.

OWNER: Unisys Corporation

WELL NO.: 2 ML

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
140	150	C				SAND, very fine; black; brown; little gravel, very fine; black; brown; trace clay; white.
150	160	C				SAND, very fine; black; brown; little gravel, very fine; black; brown; trace clay; white.
160	170	C				SAND, very fine; brown; black; trace silt; white.
170	180	C				SAND, very fine; brown; black; trace silt; white.
180	190	C				CLAY; some sand, fine; black; white; tan.
190	200	C				CLAY; some sand, fine; black; white; tan.
200	210	C				SAND, fine to coarse; black; brown; some clay (silty); white.
210	220	C				SAND, fine to coarse; black; brown; some clay (silty); white.
220	230	C				SAND, very fine to coarse; brown; black; some clay and silt; brown; black; gray.
230	250	C				SAND, very fine; brown; black; some silt, fine; brown; trace clay; gray.
250	260	C				SAND, very fine to coarse; brown; black; white.
260	270	C				Sand; and clay, fine to medium; brown; gray.
270	280	C				SAND, very fine; brown; black; some clay and silt, very fine; gray.
320	330	C				Sand and gravel, very fine; brown; black; white.
330	340	C				Sand and gravel, very fine; white; clear; black; brown; little silt; gray.
340	360	C				Sand and gravel, very fine to medium; brown; black; white.
360	370	C				Sand and gravel, fine to coarse; brown; black; white; red.
370	380	C				Sand and gravel, fine to coarse; brown; black; white; red.
380	390	C				SAND, very fine; black; brown; some gravel, very fine; white; trace silt; gray.
390	400	C				SAND, very fine; brown; black; some gravel, very fine; white; gray; little silty clay; white.
400	415	C				Sand and gravel, very fine; brown; black; white.
415	420	C				Sand and gravel, very fine to fine; white; brown; black; trace silty clay; gray.
420	435	C				Sand and gravel, very fine; brown; black; white.
435	455	C				CLAY, dark gray; little gravel; white.
455						End of boring.



<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation	
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 3 ML	
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 325 - 335 ft bg	
<b>DATE COMPLETED:</b> July 13, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel	
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 319 - 335 ft bg	
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel	
<b>SAMPLING METHOD:</b> Split spoon/hydropunch		<b>SETTING:</b> 0 - 100 ft bg	
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-319 ft bg	
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>	
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 93.45 ft btoc	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube <b>REC = Recovery PPM = parts per million</b>			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
3	5	SS	42-45-49-45	0.17	0	GRAVEL, fine; some sand, fine; black; brown; white.
8	10	SS	50-52-56-59	0.66	0	SAND, medium to fine; some gravel, fine; brown.
10	20	C				GRAVEL, very fine; brown; white; black.
20	48	C				Sand and gravel, very fine to medium; brown; black; white.
48	50	SS	32-33-34-34	0.37	0	SAND, very fine; black; brown; white.
50	100	C				SAND, fine; some gravel, very fine; black; brown.
98	100	SS	30-32-32-32	1.0	0	SAND, very fine; black; brown.
100	115	C				Sand and gravel, very fine to fine; brown; black; tan; white.
115	135	C				SAND, very fine; some gravel, very fine; brown; black.
125	135	C				CLAY, white to gray; some gravel, very fine; multi-colored.
135	145	C				CLAY, black; tan; some gravel, very fine; black; brown; white.
145	165	C				SAND, fine; brown; black; little clay; gray.
190	230	C				SAND, very fine; brown.
230	240	C				Sand, very fine and clay, brown; black; gray.

**OWNER:** Unisys Corporation

**WELL NO.:** 3 ML

**PAGE:** 2 OF 2 PAGES

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
240	250	C				SAND, very fine; brown.
250	280	C				SAND, very fine; brown; black; white.
280	300	C				Sand, very fine; and clay; brown; gray.
300	315	C				CLAY, very fine; gray.
315	325	C				SAND, very fine; brown.
	325					End of boring.

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<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation	
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 5 ML	
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 325 - 335 ft bg	
<b>DATE COMPLETED:</b> July 22, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel	
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 320 - 335 ft bg	
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel	
<b>SAMPLING METHOD:</b> Split spoon/hydropunch		<b>SETTING:</b> 0 - 100 ft bg	
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-320 ft bg	
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>	
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 86.21 ft btoc	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube <b>REC = Recovery PPM = parts per million</b>			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
3	5	SS	12-18-22-20	1.25	0	SILT, very fine; some sand, fine; trace gravel; brown.
8	10	SS	20-27-35-42	1.25	0	Sand and gravel, medium to very fine; brown; black; white.
10	30	C				Sand and gravel, fine to medium; brown; black; white.
30	40	C				GRAVEL, fine; white; black; brown; some sand, fine; brown; black.
50	52	SS	17-18-23-70	0.83	0	SAND, very fine; brown; black; trace gravel, very fine; black; brown; white.
52	80	C				Sand and gravel, fine to medium; brown; black; white.
80	100	C				SAND, very fine to medium; trace gravel, very fine; black; brown; white.
100	102	SS	58-37-50-30	1.00	0	SAND, very fine; brown; black.
100	130	C				SAND, very fine; brown; black; some clay; gray.
130	140	C				SAND, very fine; some gravel, very fine; brown; black.
140	160	C				SAND, very fine; brown; black.
160	180	C				SAND, very fine; trace gravel, very fine; black; brown.
180	220	C				SAND, very fine; black; brown; some clay; gray.

OWNER: Unisys Corporation

WELL NO.: 5 ML

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
220	230	C				Sand, very fine, and clay; trace gravel, very fine; brown; black.
230	250	C				SAND, very fine; brown; black.
250	270	C				SAND, very fine; trace gravel, very fine; brown; black.
270	280	C				SAND, fine to very fine; brown; black; little clay; tan; trace gravel, very fine.
280	300	C				SAND, very fine; brown; black.
300	320	C				SAND, coarse; black; brown.
320	330	C				SAND, very coarse; white; brown; little clay; white.
	330					End of boring.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation
		<b>WELL NO.:</b> 7 ML
		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 323-333 ft bg
<b>DATE COMPLETED:</b> July 5, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel <b>SETTING:</b> 315-333 ft bg
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing		
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel <b>SETTING:</b> 0-100 ft bg
<b>SAMPLING METHOD:</b> Split spoon/hydropunch		<b>SEAL TYPE:</b> Bentonite/cement <b>SETTING:</b> 0-315 ft bg
<b>OBSERVER:</b> Mike Matri		
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b>
<b>ELEVATION OF RP:</b>		<b>STATIC WATER LEVEL:</b> 108.31 ft btoc
<b>STICK-UP:</b>		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>SURFACE COMPLETION:</b> Flush mount		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>REMARKS:</b> Driller lost circulation at 210 feet		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube <b>REC = Recovery PPM = parts per million</b>		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
3	5	SS	44-41-55-59	0.16	0	GRAVEL, fine; some sand, fine.
8	10	SS	26-32-49-35	1.0	0	GRAVEL, fine; some sand, fine; little clay, red.
23	25	SS	25-39-60-100	0.67	0	SAND, medium; some gravel, fine; little silt.
48	50	SS	95-56-72-104	0.75	0	SAND, fine to medium; some gravel, fine.
50	80	C				GRAVEL, fine; some sand, fine, black, brown.
80	90	C				SAND, very coarse, some fine sand, black brown.
90	120	C				SAND, fine to coarse, black, brown.
120	130	C				SAND, fine, black, brown.
130	220	C				SAND, fine to medium, brown, black.
220	240	C				CLAY, gray, red, black; little sand, fine.

OWNER: Unisys Corporation

WELL NO.: 7 ML

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
240	255	C				SAND, fine, brown, black; some clay, gray, red.
255	270	C				SAND, fine to coarse, black, brown.
270	280	C				GRAVEL, very fine; some clay, gray, red
280	300	C				CLAY, gray; some sand, medium to coarse.
300	330	C				SAND, fine, black, brown; some clay, gray.
330						End of boring.

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<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation	
		<b>WELL NO.:</b> 8 ML	
		<b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40  <b>SLOT NO.:</b> <b>SETTING:</b> 328 - 338 ft bg	
<b>DATE COMPLETED:</b> June 24, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel	
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 320 - 338 ft bg	
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel	
<b>SAMPLING METHOD:</b> Split spoon/hydropunch		<b>SETTING:</b> 0 - 100 ft bg	
<b>OBSERVER:</b> Mike DeGloria/Mike Matri		<b>SEAL TYPE:</b> Bentonite/cement	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-320 ft bg	
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>	
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 78.72 ft btoc	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>ABBREVIATIONS:</b> SS = split spoon    W = wash    C = cuttings    G = grab    ST = shelly tube REC = Recovery    PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
3	5	SS	42-75-100/2	0.5	0	SAND, medium; brown; black; crushed stone.
8	10	SS	18-38-52-72	0.5	0	SAND, medium; brown; some gravel, very fine; crushed stone.
0	20					SAND, medium; brown; black.
23	25	SS	29-42-55-89	0.5	0	GRAVEL, medium; some sand, medium; brown; black.
20	30	C				Sand and gravel, medium to fine; brown; black; red; white.
30	40	C				GRAVEL, fine to medium; white; brown; black; some sand, medium; brown; black; white.
40	50	C				SAND, fine; brown; some gravel, very fine; white; black; brown; trace clay; gray.
48	50	SS	40-55-100/4	0.5	0	Sand and gravel, medium; black; brown.
50	60	C				Sand and gravel, very fine to medium; black; brown; white.
60	80	C				SAND, medium to fine; brown; black; trace gravel.
80	90	C				Sand and gravel, fine to medium; brown; black.
90	100	C				CLAY; gray; some gravel, very fine; black; brown; white.
100	120	C				CLAY; gray; some sand, coarse; little gravel, fine; black; brown; white.

OWNER: Unisys Corporation

WELL NO.: 8 ML

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
120	140	C				CLAY; gray; some sand, fine; brown; black.
140	160	C				CLAY; brown; tan; some sand, very fine; brown; black; trace gravel, very fine; black; white; brown.
160	180	C				Sand and gravel, very fine to fine; brown; black; white.
180	200	C				SAND, very fine; brown; black; some clay; gray.
200	220	C				SAND, medium to fine; brown; black.
220	240	C				SAND, medium to fine; brown; black.
240	260	C				SAND, coarse; brown; white.
260	270	C				SAND, coarse to fine; brown; black; trace gravel, very fine.
270	280	C				SAND, very fine; brown; black.
280	290	C				SAND, coarse; brown.
290	310	C				SAND, very fine; brown; black.
310	330	C				SAND, very fine to very coarse; brown; black.
330	335	C				GRAVEL, fine; brown; black; white; some silty clay; gray.
335	340	C				CLAY; gray; some fine sand.
	340					End of boring.



<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation	
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 15 ML	
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 328 - 338 ft bg	
<b>DATE COMPLETED:</b> August 11, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel	
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 290 - 338 ft bg	
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel	
<b>SAMPLING METHOD:</b> Hydropunch		<b>SETTING:</b> 0 - 100 ft bg	
<b>OBSERVER:</b> Mike Matri		<b>SEAL TYPE:</b> Bentonite/cement	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-290 ft bg	
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>	
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 98.69 ft btoc	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>DURATION:</b> 4 hours <b>YIELD:</b>			
<b>REMARKS:</b>			
<b>ABBREVIATIONS:</b> SS = split spoon    W = wash    C = cuttings    G = grab    ST = shelly tube REC = Recovery    PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	10	C				SAND, medium; some gravel, fine; brown; white; black.
10	20	C				SAND, fine to medium; brown; white; black.
20	30	C				SAND, fine; some medium gravel; brown; white; black.
30	40	C				SAND, fine to coarse; some gravel, very fine; tan; white; black.
40	50	C				SAND, very fine to medium; tan.
50	60	C				SAND, medium to very fine; some silt; brown; black; white.
60	70	C				SAND, medium to fine; some gravel, fine; brown; white; black.
70	80	C				SAND, medium to fine; some silt; brown; white; black.
80	90	C				SAND, fine to medium; brown; black; white.
90	100	C				SAND, fine; some medium; brown; black; white.
100	120	C				Gravel, fine; some sand; fine to medium.
120	140	C				SAND, coarse to medium; tan; white; brown.
140	160	C				SAND, fine to medium; some clay; reddish-brown.
160	180	C				SAND, fine to very fine; tan.

OWNER: Unisys Corporation

WELL NO.: 15 ML

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
180	200	C				SAND, fine to very fine; trace clay; reddish-brown to gray.
200	220	C				CLAY; gray to tan; some sand, medium to fine; tan.
220	230	C				CLAY; gray to tan; some sand, medium to fine; tan.
240	260	C				SAND, medium to fine; some clay; tan.
260	280	C				SAND, medium and very fine; trace silt; tan.
280	300	C				SAND, medium to very coarse; some fine gravel; tan; white; black.
300	305	C				GRAVEL, fine.
305	320	C				SAND, coarse; gravel, fine; some clay; gray; trace amounts of organic material.
320	335	C				SAND, medium and coarse; some silt; some decayed wood.
	335					End of boring.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation
		<b>WELL NO.:</b> 15 GL
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 150 - 160 ft bg
<b>DATE COMPLETED:</b> August 12, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2  <b>SETTING:</b> 142 - 160 ft bg
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel  <b>SETTING:</b> 0 - 100 ft bg
<b>SAMPLING METHOD:</b> Hydropunch		<b>SEAL TYPE:</b> Bentonite/cement  <b>SETTING:</b> 0-142 ft bg
<b>OBSERVER:</b> R. J. Sherman		
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b>
<b>ELEVATION OF RP:</b>		<b>STATIC WATER LEVEL:</b> 87.40 ft btoc
<b>STICK-UP:</b>		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>SURFACE COMPLETION:</b> Flush mount		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>REMARKS:</b>		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube <b>REC = Recovery PPM = parts per million</b>		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
80	90	C				SAND, fine; brown; some fine to medium gravel, sub round; white; yellow; gray.
90	100	C				GRAVEL, fine to medium; sub round; white; yellow; gray; little fine to medium brown sand.
100	110	C				SAND, coarse to very coarse; yellow; brown; some fine to medium gravel; sub round; yellow; white.
110	120	C				GRAVEL, fine to medium; sub round; white; yellow; gray; little coarse to medium sand; brown; yellow.
125	127	C				CLAY; dark gray; trace fine to medium gravel; white; yellow; trace fine sand; gray.
127	130	C				GRAVEL, fine; white; yellow; trace silt; light gray.
130	140	C				SILT; light gray; little gravel, fine; sub round; white; yellow; trace sand, fine; gray.
140	160	C				Silt and sand, fine; white; trace gravel, fine to medium; sub round; white; yellow.
160	170	C				Silt and sand, fine; trace gravel, fine; sub round; white; yellow; orange.
	170					End of boring.

<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 17 ML
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 390 - 400 ft bg
<b>DATE COMPLETED:</b> August 23, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 381 - 400 ft bg
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel
<b>SAMPLING METHOD:</b> Hydropunch		<b>SETTING:</b> 0 - 100 ft bg
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-381 ft bg
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 99.27 ft btoc
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C				Sand, fine; and clay; brown; black.
5	30	C				SAND, fine to medium; some cobbles; brown; black; white.
30	50	C				Sand and gravel, fine; brown; black; white.
50	60	C				SAND, fine; brown; black; some gravel, fine; black; brown; white; trace silt; brown.
60	80	C				SAND, fine to coarse; brown; black; white.
80	90	C				SAND, very fine to coarse; brown; black; white; trace clay; gray.
90	100	C				SAND, fine to coarse; brown; black.
100	110	C				Sand, fine to coarse; and silt, brown; white.
110	120	C				Sand, very fine; and silt; brown; little gravel, very fine; white; brown; trace clay; white; brown.
120	140	C				SAND, very fine to coarse; brown; black; some silt; brown; trace clay; white; tan.
140	150	C				Sand, fine; and silt; fine; brown; black; trace clay; white; tan.
150	160	C				SILT; brown; some clay; gray; little sand; white; tan.

OWNER: Unisys Corporation

WELL NO.: 17 ML

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
160	190	C				CLAY; gray; some sand, fine to medium; black; brown; white.
190	200	C				SAND, fine to very coarse; brown; black; some gravel, very fine; white; brown; gray.
200	210	C				SAND, fine to very coarse; brown; black; some gravel, very fine; white; brown; gray.
210	220	C				Sand and gravel, very fine to coarse; white; tan; brown; trace silt; black.
220	240	C				SAND, fine to coarse; tan; white; trace clay; gray.
240	250	C				SAND, fine to coarse; tan; white; some clay; gray; black.
250	270	C				SAND, fine to coarse; tan; white; some clay; gray; black; tan.
270	280	C				SAND, coarse to fine; black; brown; trace clay; white; gray.
280	300	C				GRAVEL, fine to coarse; white black; some sand, fine; black; brown; trace clay; white; gray; tan.
300	310	C				GRAVEL, fine; white; black; some sand, fine to coarse; black; brown; tan; gray.
310	320	C				CLAY, gray; some sand, white; tan; black.
320	330	C				CLAY, gray; some sand, white; tan; black.
330	340	C				SAND, fine to coarse; black; white; trace clay; gray.
340	350	C				SAND, medium; brown; black; trace clay; white; gray.
350	360	C				CLAY; gray; some sand; white; tan.
360	370	C				CLAY; gray; some sand; white; tan.
370	380	C				GRAVEL, fine to medium; white; black; little sand, fine; black; brown; trace clay; white; tan; gray.
380	400	C				GRAVEL, fine to medium; white; black; little sand, fine; black; brown; trace clay; white; tan; gray.
400	410	C				GRAVEL, medium; white; black; gray; some sand, fine; black; brown; trace clay; white; tan; gray.
410	420	C				GRAVEL, medium; white; black; gray; some sand, fine; black; brown; trace clay; white; tan; gray.
420	430	C				Clay and sand, fine; red; brown; black; some gravel, fine; white; black; gray; red.
	430					End of boring.

<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation	
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 17 GL	
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York Northern State Parkway, Exit 25		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 155-165	
<b>DATE COMPLETED:</b> August 8, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel	
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 149-165 ft bg	
<b>DRILLING METHOD:</b> Mud Rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel	
<b>SAMPLING METHOD:</b> Hydropunch		<b>SETTING:</b> 0 - 100 ft bg	
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-149 ft bg	
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>	
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 98.79 ft btoc	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C				Sand, fine and clay, brown, black.
5	30	C				SAND, medium, brown, black; some cobbles.
30	35	C				Cobbles.
35	40	C				SAND, very fine to coarse, brown, black, white; little gravel, very fine, brown, black, white.
40	60	C				Sand and gravel, very fine to fine; little silt; trace clay, brown, black, white.
60	70	C				Sand and gravel, very fine to medium; little silt, brown.
70	80	C				SAND, very fine to medium, brown, black, white; trace gravel, very fine.
80	100	C				SAND, very fine to fine, brown, black, white; little clay, gray, brown.
100	120	C				SAND, fine, brown, black; trace clay, gray.
120	130	C				GRAVEL, very fine; some sand, very fine, brown, black; trace clay, white.

OWNER: Unisys Corporation

WELL NO.: 17 GL

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
130	140	C				CLAY, gray, white, red; trace gravel, very fine.
140	150	C				CLAY, gray, white, red.
150	155	C				SAND, very fine, brown, black; some gravel, very fine, red, white.
155						End of boring.

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<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 18 ML
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York Northern State Parkway, Exit 25		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 324-334 ft bg
<b>DATE COMPLETED:</b> September 7, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 320-334 ft bg
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel
<b>SAMPLING METHOD:</b> Hydropunch		<b>SETTING:</b> 0-100 ft bg
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-320 ft bg
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 110.09 ft btoc
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube <b>REC = Recovery PPM = parts per million</b>		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	20	C				SAND, fine, brown; little clay, brown.
20	30	C				SAND, fine to medium, brown, black; little gravel, very fine.
30	50	C				SAND, fine, brown, black; little clay, brown; trace silt, brown.
50	70	C				SAND, fine, brown, black; little gravel, very fine.
70	100	C				SAND, fine to medium, brown, black; some gravel, very fine, white, black.
100	110	C				Sand and gravel, very fine, brown, black, white.
110	115	C				GRAVEL, very fine, white, brown; some clay and silt, brown.
115	120	C				CLAY, gray; some gravel, very fine, white, brown; little sand, very fine, brown, black.
120	130	C				CLAY, gray; some sand and gravel, very fine, brown, black, white.
130	140	C				CLAY, gray, black; some sand, very fine, black, brown, white.



OWNER: Unisys Corporation

WELL NO.: 18 ML

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
140	160	C				CLAY, gray, black; some sand, very fine, black, brown, white.
160	180	C				Sand and gravel, very fine, black, brown, white.
180	190	C				CLAY, gray; little sand, very fine, brown, black.
190	200	C				Clay, gray, white; and gravel, very fine; some sand, very fine, brown, black.
200	220	C				CLAY, gray; some gravel, very fine, white, brown; little sand, very fine, black, brown.
220	230	C				Sand, very fine and clay, brown.
230	250	C				SAND, fine to medium, brown, white.
250	260	C				SAND, very fine to coarse, white, brown.
260	270	C				SAND, very fine to coarse, white, brown; trace gravel, very fine, white.
270	290	C				SAND, very fine to medium, white, gray; trace silt, very fine, white.
290	300	C				SAND, very fine to medium, white, gray; trace silt, very fine, white.
300	320	C				SAND, very fine to medium, white, gray.
320	340	C				SAND, very fine to medium; little silt, gray.
	340					End of boring.

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<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 18 GL
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York Northern State Parkway, Exit 25		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 160-170 ft bg
<b>DATE COMPLETED:</b> September 8, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 155-170 ft bg
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel
<b>SAMPLING METHOD:</b> Hydropunch		<b>SETTING:</b> 0-100 ft bg
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-155 ft bg
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 110.00 ft btoc
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	10	C				SAND, fine, brown; some clay, brown.
10	30	C				SAND, fine, brown; some gravel, very fine, brown, black; trace clay, brown.
30	50	C				SAND, fine, brown, black; little clay, brown; trace silt, brown.
50	60	C				SAND, fine, brown, black; little gravel, very fine, white, black.
60	70	C				SAND, fine, brown, black; little gravel, very fine, white, black.
70	90	C				SAND, fine to medium, brown, black; some gravel, very fine, white, black.
90	100	C				Sand and gravel, very fine, brown, white, black.
100	110	C				GRAVEL, very fine, brown, white, black; some sand, fine, black, brown.
110	120	C				Sand, very fine to coarse; and silt, brown; black; white.
120	130	C				Sand, very fine; and clay; white; black; gray.

OWNER: Unisys Corporation

WELL NO.: 18 GL

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
130	140	C				CLAY, gray; little sand, fine, brown, black.
140	150	C				CLAY, black, gray; little sand , fine, black, brown.
150	170	C				SAND, fine to medium, brown, black, white.
	170					End of boring.

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<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 22 ML
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York Northern State Parkway, Exit 25		<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 315-325 ft bg
<b>DATE COMPLETED:</b> August 20, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 308-325 ft bg
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 8-inch steel
<b>SAMPLING METHOD:</b> Hydropunch		<b>SETTING:</b> 0-100 ft bg
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-308 ft bg
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 96.31 ft btoc
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>ABBREVIATIONS:</b> SS = split spoon    W = wash    C = cuttings    G = grab    ST = shelby tube REC = Recovery    PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	10	C				SAND, fine, brown; little clay, brown.
10	20	C				SAND, fine; brown; black; some gravel, very fine.
20	30	C				SAND, fine to medium; brown; black; little gravel, very fine.
30	40	C				SAND, fine to medium; brown; black; little clay, brown.
40	60	C				SAND, fine; brown; trace silt; white.
60	100	C				SAND, fine to medium; brown; black; white.
100	110	C				CLAY, gray; some sand, very fine; brown; black; little gravel, very fine.
110	140	C				CLAY, gray.
140	160	C				CLAY, brown, tan; some sand, medium; brown; black.
160	170	C				Sand and gravel, very fine; brown; black; white.

OWNER: Unisys Corporation

WELL NO.: 22 ML

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
170	190	C				SAND, fine; brown; black; trace clay, gray.
190	220	C				SAND and gravel, very fine to medium; brown, black, white.
220	230	C				SAND and gravel, very fine to fine, brown, black, white.
230	240	C				GRAVEL, very fine; brown; black; red; white; some sand, fine to medium, brown, black.
240	260	C				SAND, fine to coarse, red, black, white, brown; some gravel, very fine, white, red, black, brown.
260	280	C				SAND, fine to coarse, red, black, white, brown; some gravel, very fine, white, red, black, brown.
280	285	C				SAND, very coarse; white; brown; black; little gravel, very fine.
285	290	C				SAND, very fine to medium, brown, black, white.
290	300	C				GRAVEL, very fine; white; black; some sand, fine; black, brown; little clay, gray.
300	320	C				Gravel, very fine; and clay, gray, white, black.
320	340	C				SAND, very fine to medium; brown; black; white; some gravel, very fine; white; black; brown.
	340					End of boring.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>	<b>OWNER:</b> Unisys Corporation <b>WELL NO.:</b> 22 GL <b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York Northern State Parkway, Exit 25	<b>SCREEN SIZE &amp; TYPE:</b> 4-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 157-167 ft bg
<b>DATE COMPLETED:</b> September 1, 1994	<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel  <b>SETTING:</b> 152-167 ft bg
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.	<b>CASING SIZE &amp; TYPE:</b> 8-inch steel  <b>SETTING:</b> 0-100 ft bg
<b>DRILLING METHOD:</b> Mud rotary	<b>SEAL TYPE:</b> Bentonite/cement  <b>SETTING:</b> 0-152 ft bg
<b>SAMPLING METHOD:</b> Split spoon	<b>BACKFILL TYPE:</b>
<b>OBSERVER:</b> Mike DeGloria	<b>STATIC WATER LEVEL:</b> 98.25 ft btoc
<b>REFERENCE POINT (RP):</b> Grade	<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>ELEVATION OF RP:</b>	<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>STICK-UP:</b>	
<b>SURFACE COMPLETION:</b> Flush mount	
<b>REMARKS:</b>	
<b>ABBREVIATIONS:</b> SS = split spoon   W = wash   C = cuttings   G = grab   ST = shelly tube REC = Recovery   PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	10	C				ASPHALT, road debri.
10	15	C				GRAVEL, fine; brown, gray; some silt, very fine, brown; little sand, fine brown.
15	20	C				SAND, very fine to coarse, brown, black, gray, white.
20	30	C				GRAVEL, very fine, brown, black, gray; white; some sand, fine, brown, black.
30	40	C				Silt and gravel, very fine, brown, white black.
40	50	C				GRAVEL, very fine, brown, black, white, some clay, gray; little sand, fine, brown, black; trace silt, brown.
50	60	C				Sand and gravel, very fine to medium, brown, black, white; little silt, brown; trace clay, gray.
60	100	C				SAND, fine to medium, brown, black, white.
100	120	C				CLAY, gray; little sand, very fine to coarse, brown, black, white.
120	140	C				SAND, very fine to coarse, brown, black; some silt, brown; trace clay, gray.

**OWNER:** Unisys Corporation

**WELL NO.:** 22 GL

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
140	150	C				SAND, very fine to fine, brown, black, white; little gravel, very fine, black, white, brown.
150	170	C				SAND, very fine to coarse, brown, black, white.
	170					End of boring.

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<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation
		<b>WELL NO.:</b> 23 MI
		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 202 - 212 ft bg
<b>DATE COMPLETED:</b> June 3, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2  <b>SETTING:</b> 185 - 212 ft bg
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>CASING SIZE &amp; TYPE:</b> 6-inch steel  <b>SETTING:</b> 0 - 75 ft bg
<b>DRILLING METHOD:</b> Mud rotary		<b>SEAL TYPE:</b> Bentonite/cement  <b>SETTING:</b> 0-185 ft bg
<b>SAMPLING METHOD:</b> Split spoon		
<b>OBSERVER:</b> Mike DeGloria		
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b>
<b>ELEVATION OF RP:</b>		<b>STATIC WATER LEVEL:</b> 97.35 ft btoc
<b>STICK-UP:</b>		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>SURFACE COMPLETION:</b> Flush mount		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>REMARKS:</b>		
<b>ABBREVIATIONS:</b> SS = split spoon    W = wash    C = cuttings    G = grab    ST = shelly tube REC = Recovery    PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C				Topsoil.
5	15	C				SAND, medium; brown; black.
15	25	C				Sand and gravel, very fine to fine; brown; black; white.
25	45	C				Sand and gravel, very fine to medium; brown; black; white.
45	65	C				SAND, fine; brown; black; little clay; gray.
65	80	C				Sand and gravel, very fine; black; brown; white.
80	100	C				Sand and gravel, very fine to very coarse; brown; white; little clay; gray.
100	102	SS	10-12-11-15	2.0	7.2	CLAY; dark gray to tan; moist.
108	110	SS	11-7-8-10	1.5	7.0	CLAY; light gray; little sand, medium; brown; moist.
116	118	SS	6-5-4-5	2.0	7.0	SAND, fine; tan; wet.
128	130	SS	2-2-5-4	2.0	6.5	SAND, fine to very fine; tan; wet.
137	139	SS	4-4-5-12	2.0	7.9	SAND, fine; brown; wet.
147	149	SS	7-9-14-23	0.17	6.7	SAND, fine; brown; wet.



OWNER: Unisys Corporation

WELL NO.: 23 MI

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
157	159	SS	8-12-23-30	0.41	6.9	SAND, fine; brown; wet.
167	169	SS	4-7-9-13	2.0	7.0	SAND, fine; brown; black; trace clay; wet.
177	179	SS	12-15-18-23	2.0	8.0	SAND, fine; brown; wet.
187	189	SS	14-28-32-35	2.0	7.7	SAND, fine to very fine; brown; little clay; brown; wet.
197	199	SS	14-32-36-60	2.0	8.0	SAND, fine to very fine; brown; wet; little clay; brown; wet.
207	209	SS	24-48-84	2.0	8.3	SAND, fine to very fine; brown; wet; little clay; brown; wet.
210	220	C				SAND, very fine; brown; black; white; little clay; brown.
	220					End of boring.

<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 23 GL
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 140 - 150 ft bg
<b>DATE COMPLETED:</b> April 25, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 137 - 150 ft bg
<b>DRILLING METHOD:</b> Hollow-stem auger		<b>CASING SIZE &amp; TYPE:</b> 2-inch PVC
<b>SAMPLING METHOD:</b>		<b>SETTING:</b> 0-140 ft bg
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement
<b>REFERENCE POINT (RP):</b>		<b>SETTING:</b> 0-137 ft bg
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 98.75 ft btoc
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	C				Topsoil.
4	10	C				SAND, medium to coarse; brown; some gravel, very fine; moist.
10	15	C				GRAVEL, coarse; some sand, medium; brown; moist.
15	25	C				Sand and gravel, very fine to medium; brown; moist.
25	35	C				SAND, medium; brown; some gravel, very fine; brown.
35	45	C				SAND, medium; brown.
45	60	C				SAND, fine to medium; brown; some gravel, medium; trace clay; gray.
60	70	C				Sand, medium; and clay; brown; little gravel, fine; brown.
70	100	C				Sand and gravel, medium; brown; moist.
100	115	C				CLAY; gray; some sand, medium; brown.
115	140	C				SAND, very fine to medium; brown; black.
140	160	C				SAND, very fine to very coarse; brown; black; little clay; brown.
	160					End of boring.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation <b>WELL NO.:</b> 24 MI <b>PAGE:</b> 1 OF 2 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 200 - 210 ft bg	
<b>DATE COMPLETED:</b> May 3, 1994 <b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel <b>SETTING:</b> 195 - 210 ft bg	
<b>DRILLING METHOD:</b> Hollow-stem auger		<b>CASING SIZE &amp; TYPE:</b> 2-inch PVC <b>SETTING:</b> 0-200 ft bg	
<b>SAMPLING METHOD:</b> <b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement <b>SETTING:</b> 0-195 ft bg	
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b>	
<b>ELEVATION OF RP:</b>		<b>STATIC WATER LEVEL:</b> 98.57 ft btoc	
<b>STICK-UP:</b>		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>REMARKS:</b>			
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	C				Topsoil.
3	5	C				SAND, medium; some gravel, medium; cobbles; brown.
5	15	C				SAND, medium; some gravel, coarse; brown.
15	18	C				GRAVEL, coarse; little sand, medium; brown.
18	20	C				SAND, medium; some gravel, medium to coarse; brown.
20	26	C				SAND, medium; some gravel, medium to coarse; brown.
26	32	C				Sand and gravel, medium to coarse; brown.
32	35	C				SAND, medium; some gravel, medium to coarse; cobbles; brown.
35	40	C				SAND, medium; some gravel, medium to coarse; brown.
40	48	C				SAND, fine to medium; little gravel; brown; moist.
48	55	C				SAND, fine to medium; little gravel; brown; moist.
55	58	C				SAND, fine to medium; trace clay; brown; moist.
58	68	C				SAND, fine; trace silt and clay; brown; moist.
68	70	C				SAND, fine; trace silt and clay; brown; moist.

OWNER: Unisys Corporation

WELL NO.: 24 MI

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
70	74	C				SAND, fine to medium; some clay and silt; dark brown; moist.
74	93	C				SAND, fine; some clay and silt; trace gravel, medium; brown.
93	98	C				SAND, medium; some gravel, medium; trace clay; brown; moist.
98	104	C				SAND, medium; some gravel, medium; trace clay; brown; moist.
104	110	C				SAND, fine to medium; brown; saturated.
110	113	C				SAND, medium; some gravel, medium; brown.
115	120	C				SAND, medium; some gravel, medium; brown.
120	130	C				No cuttings.
130	145	C				Sand and gravel, medium; brown.
155	165	C				SAND, fine; trace gravel, medium; trace clay; brown.
165	173	C				SAND, fine; some clay; brown; saturated.
173	188	C				SAND, very fine; some clay; brown; saturated.
183	193	C				SAND, very fine; some clay and silt; brown; saturated.
193	204	C				SAND, very fine; tan (orange tinge); saturated.
204	210	C				SAND, fine; trace clay; brown-gray.
210	213	C				SAND, fine; little clay; brown-gray.
	213					End of boring.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation <b>WELL NO.:</b> 24 GL <b>PAGE:</b> 1 OF 1 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 139 - 149 ft bg	
<b>DATE COMPLETED:</b> May 4, 1994 <b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel <b>SETTING:</b> 135 - 149 ft bg	
<b>DRILLING METHOD:</b> Hollow-stem auger		<b>CASING SIZE &amp; TYPE:</b> 2-inch PVC <b>SETTING:</b> 0-139 ft bg	
<b>SAMPLING METHOD:</b> <b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement <b>SETTING:</b> 0-135 ft bg	
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b>	
<b>ELEVATION OF RP:</b>		<b>STATIC WATER LEVEL:</b> 98.59 ft btoc	
<b>STICK-UP:</b>		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>REMARKS:</b>			
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C				Topsoil.
5	10	C				SAND, medium; some gravel, medium; cobbles; brown.
10	12	C				SAND, medium; cobbles; brown.
12	18	C				SAND, medium; some gravel, medium to coarse; cobbles; brown.
18	28	C				SAND, medium; some gravel, medium to coarse; cobbles; brown.
28	38	C				SAND, medium; little gravel, medium; brown.
45	63	C				SAND, medium; trace gravel, medium; brown.
63	73	C				SAND, medium; little gravel, fine; brown.
73	95	C				SAND, fine; little clay; trace gravel, fine; dark brown.
95	150	C				SAND, fine; little clay; gravel, medium; brown.
	150					End of boring.

OWNER: Unisys Corporation

WELL NO.: 25 MI

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
90	94	C				No cuttings.
94	115	C				No cuttings.
115	170	C				Sand, fine; and silt; trace gravel, fine; dark brown.
170	200	C				SAND, fine; some silt, fine; trace gravel; tan (orange tinge).
200	220	C				SAND, fine; little silt; trace gravel; orange-tan.
	220					End of boring.

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<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation	
		<b>WELL NO.:</b> 25 GL	
		<b>PAGE:</b> 1 OF 1 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 159 - 169 ft bg	
<b>DATE COMPLETED:</b> May 17, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel	
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 150 - 169 ft bg	
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 2-inch PVC	
<b>SAMPLING METHOD:</b>		<b>SETTING:</b> 0-159 ft bg	
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-150 ft bg	
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>	
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 88.44 ft btoc	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
10	13	C				SAND, coarse; brown.
14	60	C				SAND, very coarse; brown; black; white.
60	65	C				GRAVEL, fine; some sand, medium to fine; brown.
65	90	C				SAND, fine to medium; some gravel, fine; brown-black.
90	100	C				Clay and gravel, fine; some sand, very fine; brown.
100	150	C				SAND, fine; brown.
150	170	C				SAND, fine; brown; some clay; tan; trace gravel, very fine.
	170					End of boring.

<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 26 GL
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40 <b>SLOT NO.:</b> 20 <b>SETTING:</b> 174 - 184 ft bg
<b>DATE COMPLETED:</b> May 26, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 184 - 171 ft bg
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 6-inch steel
<b>SAMPLING METHOD:</b>		<b>SETTING:</b> 10 - 70 ft bg
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-171 ft bg
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 89.60 ft btoc
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube <b>REC = Recovery PPM = parts per million</b>		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C				SAND, very coarse; black-brown.
5	20	C				SAND, coarse; trace gravel, very fine; brown.
20	35	C				SAND, medium to coarse; trace gravel, very fine; light brown.
35	40	C				SAND, fine to medium; brown.
40	60	C				SAND, fine to medium; trace clay; gray.
60	80	C				SAND, very coarse to fine; brown; black; white.
80	90	C				SAND, medium to fine; brown; black; white.
90	110	C				SAND, fine to medium; little clay; brown; black; white.
110	180	C				SAND, very fine to medium; white; black; brown.
	180					End of boring.



<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation	
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 27 MI	
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 1 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 217 - 227 ft bg	
<b>DATE COMPLETED:</b> June 6, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel	
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 205 - 227 ft bg	
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 6-inch steel  <b>SETTING:</b> 0 - 80 ft bg	
<b>SAMPLING METHOD:</b>		<b>SEAL TYPE:</b> Bentonite/cement	
<b>OBSERVER:</b> Mike DeGloria		<b>SETTING:</b> 0-205 ft bg	
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b>	
<b>ELEVATION OF RP:</b>		<b>STATIC WATER LEVEL:</b> 81.43 ft btoc	
<b>STICK-UP:</b>		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>REMARKS:</b>			
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	20	C				SAND, very fine to very coarse; some gravel, very fine.
20	60	C				GRAVEL, fine; little sand, very fine; brown.
60	80	C				SAND, very fine to coarse; trace gravel, very fine; brown; black; white.
80	100	C				SAND, very fine; some clay; gray; brown; black.
100	120	C				Sand, very fine; and clay; gray; little gravel, very fine; black.
120	130	C				Clay; and gravel, fine; gray; black; white; brown.
130	150	C				SAND, fine; little clay; gray; black; brown; white.
150	170	C				SAND, fine; black; brown; some gravel, very fine; little clay; gray.
170	190	C				SAND, very fine; brown; black.
190	200	C				SAND, very fine; brown; black.
200	210	C				SAND, very fine; little gravel, very fine; brown; black.
210	230	C				SAND, very fine; brown; trace gravel, very fine; brown; black; white.
	230					End of boring.

OWNER: Unisys Corporation

WELL NO.: 28 MI

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
200	220	C				SAND, very fine; brown; black; little gravel, very fine; trace clay; brown.
220	240	C				SAND, very fine; brown; black; little gravel, very fine; trace clay; brown.
240	250	C				SAND, very fine; brown; trace gravel, very fine.
	250					End of boring.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>WILTON, CONNECTICUT</b>		<b>OWNER:</b> Unisys Corporation
		<b>WELL NO.:</b> 28 GL
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 140 - 150 ft bg
<b>DATE COMPLETED:</b> June 16, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 130 - 150 ft bg
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 6-inch steel  <b>SETTING:</b> 0 - 60 ft bg
<b>SAMPLING METHOD:</b>		<b>SEAL TYPE:</b> Bentonite/cement
<b>OBSERVER:</b> Mike DeGloria		<b>SETTING:</b> 0-130 ft bg
<b>REFERENCE POINT (RP):</b> Grade		<b>BACKFILL TYPE:</b>
<b>ELEVATION OF RP:</b>		<b>STATIC WATER LEVEL:</b> 89.44 ft btoc
<b>STICK-UP:</b>		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>SURFACE COMPLETION:</b> Flush mount		<b>DURATION:</b> 4 hours <b>YIELD:</b>
<b>REMARKS:</b>		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube <b>REC = Recovery PPM = parts per million</b>		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	20	C				SAND, medium; brown; some cobbles.
20	50	C				SAND, medium; black; brown; some gravel; very fine.
50	60	C				SAND, fine; brown; black; little gravel; very fine; black; brown; white.
60	70	C				GRAVEL, medium; some sand, fine; brown; black; white.
70	90	C				Sand and gravel, very fine to coarse; brown; black; white.
90	100	C				GRAVEL, fine; brown; black; red; white; sand, fine; brown; black.
100	115	C				SAND, very fine; trace gravel, very fine; brown; black.
115	130	C				SAND, very fine; trace gravel, very fine; brown; black.
130	140	C				SAND, fine; brown; black; little gravel, very fine; brown; black; white; trace clay; brown.
140	150	C				SAND, fine; brown; black.
	150					End of boring.

<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 29 MI
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 207 - 217 ft bg
<b>DATE COMPLETED:</b> July 15, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 180 - 217 ft bg
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 6-inch steel
<b>SAMPLING METHOD:</b>		<b>SETTING:</b> 0 - 80 ft bg
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-180 ft bg
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 102.09 ft btoc
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air
<b>DURATION:</b> 4 hours <b>YIELD:</b>		
<b>REMARKS:</b>		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	C				GRAVEL, fine; some sand, very fine; brown; gray; white; black.
10	40	C				GRAVEL, fine; little sand, very fine; black; brown; white.
40	60	C				GRAVEL, fine; brown; black; white; some clay; gray; trace sand, very fine.
60	80	C				GRAVEL, fine; brown; black; white; some clay; gray; trace sand, very fine.
80	100	C				Sand and gravel, fine; brown; black; white.
100	110	C				GRAVEL, medium; trace sand, fine; brown; black; white.
110	120	C				Clay and gravel, fine; brown; black; white.
120	140	C				Sand, very fine and clay, tan.
140	150	C				Sand, very fine and clay, tan.
150	180	C				SAND, very fine; brown; black.
180	190	C				SAND, very fine; brown; black.
190	200	C				CLAY, gray; some sand, fine; brown.
200	220	C				SAND, very fine; brown; black.
	220					End of boring.

<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Unisys Corporation	
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> 29 GL	
<b>WILTON, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 1 PAGES	
<b>SITE LOCATION:</b> Unisys Facility Great Neck, New York		<b>SCREEN SIZE &amp; TYPE:</b> 2-inch PVC Schedule 40  <b>SLOT NO.:</b> 20 <b>SETTING:</b> 145 - 155 ft bg	
<b>DATE COMPLETED:</b> July 15, 1994		<b>SAND PACK SIZE &amp; TYPE:</b> Morie No. 2 gravel	
<b>DRILLING COMPANY:</b> Aquifer Drilling & Testing, Inc.		<b>SETTING:</b> 135 - 170 ft bg	
<b>DRILLING METHOD:</b> Mud rotary		<b>CASING SIZE &amp; TYPE:</b> 6-inch steel	
<b>SAMPLING METHOD:</b>		<b>SETTING:</b> 0 - 60 ft bg	
<b>OBSERVER:</b> Mike DeGloria		<b>SEAL TYPE:</b> Bentonite/cement	
<b>REFERENCE POINT (RP):</b> Grade		<b>SETTING:</b> 0-135 ft bg	
<b>ELEVATION OF RP:</b>		<b>BACKFILL TYPE:</b>	
<b>STICK-UP:</b>		<b>STATIC WATER LEVEL:</b> 101.95 ft btoc	
<b>SURFACE COMPLETION:</b> Flush mount		<b>DEVELOPMENT METHOD:</b> Surge-block/air	
<b>REMARKS:</b>		<b>DURATION:</b> 4 hours <b>YIELD:</b>	
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube <b>REC = Recovery PPM = parts per million</b>			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	60	C				Sand and gravel, fine to medium; brown; black; white.
60	80	C				GRAVEL, very fine; black; white; brown; some clay; gray; trace sand, fine; brown; black.
80	100	C				Sand and gravel, fine; brown; black; white.
100	110	C				GRAVEL, medium; brown; black; white; trace sand, fine; black; brown.
110	120	C				Clay and gravel, fine; black; brown; white; gray.
120	140	C				Sand, very fine; and clay; brown; black; gray.
140	150	C				Sand, very fine; and clay; brown; black; gray.
150	170	C				SAND, very fine; brown; black.
	170					End of boring.

