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REMEDIAL INVESTIGATION TECHNICAL MEMORANDUM FOR OPERABLE UNIT 2 (OU 2) MCCOY ANNEX LANDFILL NTC ORLANDO FL

3/13/1998

BROWN & ROOT ENVIRONMENTAL

Rev. 1
03/11/98

REMEDIAL INVESTIGATION TECHNICAL MEMORANDUM

for

OPERABLE UNIT 2 MCCOY ANNEX LANDFILL

Naval Training Center
Orlando, Florida

Southern Division
Naval Facilities Engineering Command
Contract Number N62467-94-D-0888
Contract Task Order CTO-0024

MARCH 1998

[redacted]

00551

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98-A123

March 13, 1998

Project Number 7457

Ms. Barbara Nwokike (Code 1873)
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Orlando, Florida 32813-8405

Reference: CLEAN Contract No. N62467-94-D-0888
Contract Task Order No. 0024

Subject: Final Remedial Investigation Technical Memorandum, Operable Unit 2, McCoy Annex Landfill, Naval Training Center, Orlando, Florida

Dear Ms. Nwokike:

Enclosed are the insert pages to finalize the Technical Memorandum issued in January 1998. The inserts contain revisions which resulted from comments received at the OPT meeting held in February and minor additions and corrections. Some pages (primarily figures) which were not revised are included with the inserts for ease of updating the report. Each of the revised pages is identified by the new revision number (Rev. 1) and date (3/11/98) in the upper right corner.

Previous recipients of the Technical Memorandum should replace the pages as instructed below:

Remove Pages:	Insert Pages:
Binder Cover and Spine	Binder Cover and Spine
Title Page	Title Page
	PG Signature Page
Table of Contents and Acronyms (ii-v)	Table of Contents and Acronyms (i-v)
All of Sections 1 through 10	All of Sections 1 through 10
Appendix A:	Appendix A:
A-3 through A-10	A-3 through A-10
A13 through A19	A13 through A19
A-29, A-47, A-65, A-77	A-29, A-47, A-65, A-69A, A-77
A-89, A-101, A-113, A-126	A-89, A-101, A-113, A-128
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Appendix C:	Appendix C:
C-22 through C-25	C-22 through C-30
Appendix D:	Appendix D:
D-88 through D-90	D-88 through D-90

Please call me at (423) 220-4730 if you have any questions.

Sincerely yours,

Steven B. McCoy, P.E.
Task Order Manager

SBM/ckf

Enclosure

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Mr. John Mitchell, FDEP (2 copies)
Mr. Wayne Hansel, SOUTHDIV (NTC-Orlando address - Lt. Gary Whipple)
Lt. Gary Whipple, NTC-Orlando
Mr. Bob Cohose, Bechtel (w/o enclosure)
Ms. Debra Evans-Ripley, SOUTHNAVFACENGCOM (w/o enclosure)
Mr. John Kaiser, ABB-ES
Ms. Ruthann Baur, B&R Environmental (w/o enclosure)
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April 6, 1998

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Reference: CLEAN Contract No. N62467-94-D-0888
Contract Task Order No. 0024

Subject: Final Remedial Investigation Technical Memorandum, Operable Unit 2, McCoy Annex Landfill, Naval Training Center, Orlando, Florida

Dear Ms. Nwokike:

Enclosed are four pages (2 double-sided sheets) to finalize the Technical Memorandum which was issued in January 1998 and revised March 11, 1998. These pages are part of the March 11, 1998 revision (Rev. 1).

Previous recipients of the Technical Memorandum should replace the pages as instructed below.

Remove Pages:	Insert Pages:
Appendix A: A-46 through A-49	Appendix A: A-46 through A-49

*Pages A-46 and A-47 should both be Rev. 0. Pages A-48 and A-49 were revised and are designated Rev. 1.

Please call me at (423) 220-4730 if you have any questions.

Sincerely yours,

Steven B. McCoy
Task Order Manager

SBM:ckf

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Mr. Mark Perry, B&R Environmental (w/o enclosure)
Ms. Debbie Wroblewski, B&R Environmental (w/o enclosure)
Mr. Mike Campbell, B&R Environmental

Rev. 1
3/11/98

REMEDIAL INVESTIGATION TECHNICAL MEMORANDUM

OPERABLE UNIT 2
MCCOY ANNEX LANDFILL

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:

Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29406

Submitted by:

Brown & Root Environmental
661 Andersen Drive
Foster Plaza
Pittsburgh, Pennsylvania 15220

CONTRACT NO. N62467-94-D-0888
CONTRACT TASK ORDER 0024

March 1998

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Steven B. McCoy

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P.G. CERTIFICATION

I hereby certify that this Technical Memorandum was prepared under my direct supervision in accordance with acceptable standards of geological practice.

Michael J. Campbell 3/11/98

Michael J. Campbell, P.G. / Date
License No. PG-0001981

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* Located in the back of this report.

ACRONYMS AND ABBREVIATIONS

ABB-ES	ABB Environmental Services, Inc.
B&R Environmental	Brown & Root Environmental
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CFR	*Code of Federal Regulations*
CPT	cone penetrometer testing
DGPS	differential global positioning system
DPT	direct push technology
EM	electromagnetic
EPA	U.S. Environmental Protection Agency
FS	feasibility study
fs	sleeve friction
FSEV	Florida Sediment Evaluation Value
FSWQC	Florida Surface Water Quality Criteria
GOAA	Greater Orlando Aviation Authority
GPR	ground penetrating radar
Navy	U.S. Navy
OCDD	octa-chlorodibenzodioxin
OU	operable unit
PAH	polynuclear aromatic hydrocarbon
PCE	tetrachloroethene
ppt	parts per thousand
PCB	polychlorinated biphenyl
Q	cone resistance
QC	quality control
RBC	risk-based concentration
RI	remedial investigation
SCGF	Soil Cleanup Goal for Florida
SOV	soil organic vapor
SSV	Sediment Screening Value
SVOC	semivolatile organic compound
TAL	target analyte list
TCE	trichloroethene

ACRONYMS AND ABBREVIATIONS (CONTINUED)

TCL	target compound list
TDS	total dissolved solids
TOC	total organic carbon
TPH	total petroleum hydrocarbons
TSS	total suspended solids
VOC	volatile organic compound

EXECUTIVE SUMMARY

A remedial investigation/feasibility study is being conducted for the McCoy Annex Landfill, designated Operable Unit 2, at the Naval Training Center in Orlando, Florida. This Technical Memorandum describes the fieldwork performed during the first phase of the remedial investigation and presents conclusions and recommendations for the next phase of the investigation. The fieldwork discussed in this Technical Memorandum began in May 1997 and was completed in December 1997.

Initially, geophysical surveys and hand auger borings were performed to determine the boundaries of the landfill and the thickness of the existing cover material. The magnetometer program, which measured the total magnetic field and vertical gradient to map the presence of magnetic objects, was effective in defining the extent of the landfilled wastes. Data obtained in the electromagnetic terrain conductivity survey are considered consistent with the magnetometry data, but less definitive in determining the landfill boundaries. Ground penetrating radar augmented with a hand auger program was used to determine the thickness of the existing landfill cover material, which varied from less than 1 foot in the northern part of the wooded area south of the golf course to more than 6 feet in the southern part of this area. The cover thickness over the golf course is typically about 2 feet.

Surface water and sediment samples were collected from nine locations within the boundaries of the landfill and one downgradient location to the southeast on adjacent property owned by the Greater Orlando Aviation Authority. One organic and several inorganic chemicals were detected in the surface water at the site. Bis(2-ethylhexyl)phthalate, copper, iron, lead, mercury, and zinc were detected above screening criteria in at least one sample. Six organic and several inorganic chemicals were detected in sediments. Chlordane was found above its screening criterion in one sample.

Surface soil samples were collected from 116 locations. Several organic and inorganic chemicals were identified in these surface soil samples. Contaminants were found to exceed the criteria of all three screening scenarios (residential, industrial, and leaching). One inorganic and five organic chemicals exceeded residential criteria in at least one sample. One inorganic and four organic chemicals were found above industrial criteria in at least one sample. Five organic chemicals exceeded leaching criteria in at least one sample. Samples were also tested for geotechnical properties to support the feasibility study.

A soil organic vapor survey was performed with in situ organic vapor adsorption modules to identify the presence of volatile and semivolatile organic compounds and with a vapor monitor to identify the presence of methane gas in the surface soils. Analyses of the modules after 2 weeks identified two locations with

relatively high vapor masses of benzene, toluene, ethylbenzene, and xylene compounds and chlorobenzene. No methane was detected with the vapor analyzer.

A direct push groundwater sampling survey was conducted with a Geoprobe unit around the boundaries of the landfill to evaluate the quality of groundwater that may have been contaminated by the landfill. Two borings were typically installed at each of the 182 locations to sample the groundwater at shallow (generally at the 9-foot depth) and intermediate zones (at approximately the 30-foot depth) of the surficial aquifer. A total of 347 samples were collected and analyzed for selected volatile organic compounds in a mobile laboratory. Contamination was found in five areas around the landfill.

Cone penetrometer testing was performed at 14 locations to interpret subsurface soil and surficial aquifer geotechnical and hydrogeological properties, such as stratigraphy and soil classification, and to estimate relative soil densities and horizontal hydraulic conductivities. In addition, groundwater samples were collected at depths of 30 to 80 feet at ten of the cone penetrometer testing locations and analyzed for selected volatile organic compounds.

Additional investigation activities are recommended to determine the western boundary of the landfill material, the extent of contaminated areas, and the potential for off-site migration.

Chemicals were detected above screening levels in surface water, sediment, and surface soil samples. Therefore, consideration of the suitability of this property for transfer or lease should be deferred pending the results of the risk assessment to be performed at the conclusion of investigation activities.

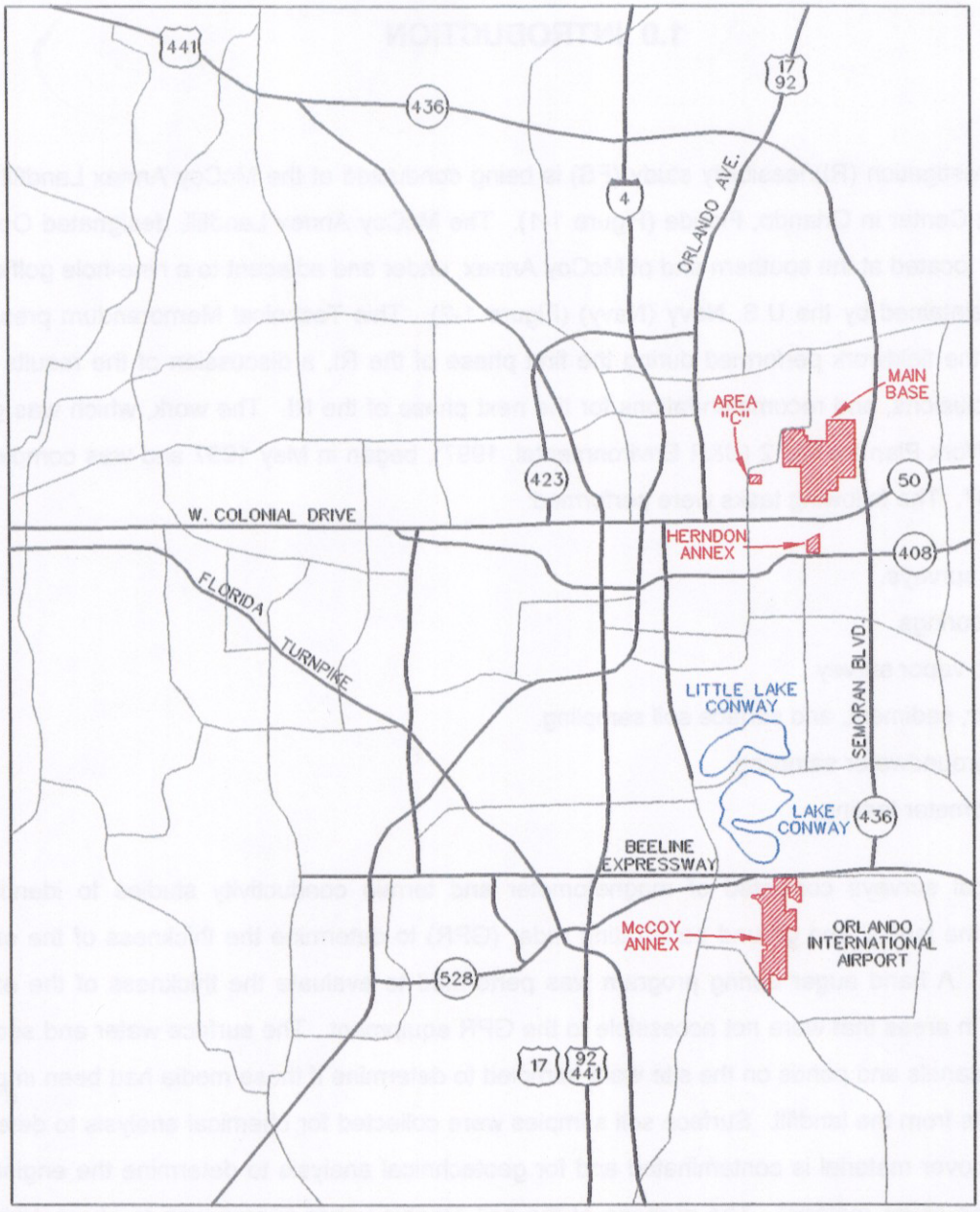
1.0 INTRODUCTION

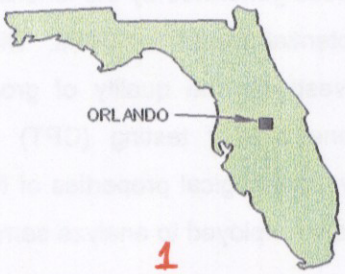
A remedial investigation (RI)/feasibility study (FS) is being conducted at the McCoy Annex Landfill of the Naval Training Center in Orlando, Florida (Figure 1-1). The McCoy Annex Landfill, designated Operable Unit (OU) 2, is located at the southern end of McCoy Annex, under and adjacent to a nine-hole golf course owned and maintained by the U.S. Navy (Navy) (Figure 1-2). This Technical Memorandum presents a description of the fieldwork performed during the first phase of the RI, a discussion of the results of the fieldwork, conclusions, and recommendations for the next phase of the RI. The work, which was guided by the RI/FS Work Plan for OU 2 (B&R Environmental, 1997), began in May 1997 and was completed in December 1997. The following tasks were performed:

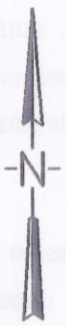
- Geophysical surveys.
- Hand auger borings.
- A soil organic vapor survey.
- Surface water, sediment, and surface soil sampling.
- Direct push groundwater sampling.
- Cone penetrometer testing.

The geophysical surveys consisted of magnetometer and terrain conductivity studies to identify the boundaries of the landfill and ground penetrating radar (GPR) to determine the thickness of the existing cover material. A hand auger boring program was performed to evaluate the thickness of the existing cover material in areas that were not accessible to the GPR equipment. The surface water and sediment from drainage canals and ponds on the site were sampled to determine if these media had been impacted by contaminants from the landfill. Surface soil samples were collected for chemical analysis to determine if the existing cover material is contaminated and for geotechnical analysis to determine the engineering properties of the cover material. The purpose of the soil organic vapor survey was to characterize the gases generated by the landfilled materials, evaluate the presence of methane, and locate "hot spots" for potential source removals. Direct push sampling was performed along the boundaries of the landfill to investigate the quality of groundwater that may have been contaminated by the landfill, and cone penetrometer testing (CPT) was performed to determine the site stratigraphy and measure the hydrogeological properties of the surficial aquifer. A field laboratory and various fixed-base laboratories were employed to analyze samples obtained during the fieldwork.

The following sections provide a detailed summary of the work and resulting data, a discussion of the suitability of the site for lease or transfer, and recommendations for the remaining RI fieldwork. Laboratory results are provided in the appendices.







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SCALE IN MILES

FIGURE ~~1-1~~ 1

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FACILITY LOCATIONS
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

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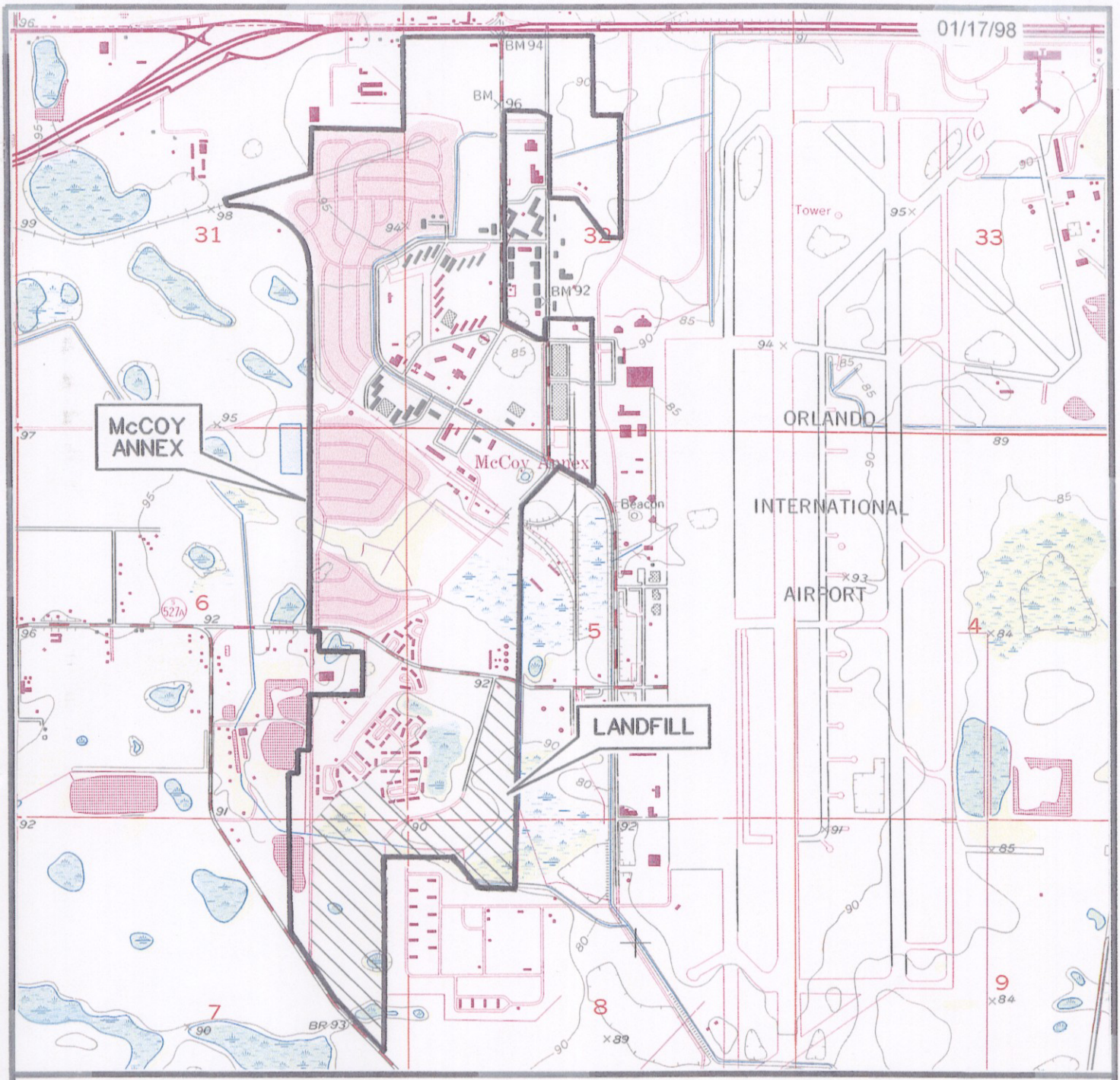

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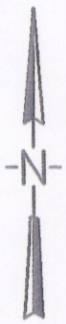

2000 0 2000
SCALE IN FEET

FIGURE 1-2

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OAK RIDGE, TENNESSEE

SITE LOCATION MAP
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

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ORLANDO, FLORIDA

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2.0 FIELD INVESTIGATIONS

This section outlines the objectives of the first phase of the RI and describes the fieldwork performed. The results of the fieldwork and laboratory analyses are presented in Sections 3.0 through 8.0.

Prior to the initiation of any intrusive activity, a general radiation survey was conducted using a Ludlum Model 19 micro-R meter. This instrument contains an internal sodium iodide detector and the unit of measure is the micro-R per hour. The instrument was precalibrated at the factory before shipment. A certification of calibration was provided by the manufacturer stating its accuracy to be within 10%.

At the site the instrument's battery was checked on startup and every 2 hours thereafter. An instrument reading was then taken at a designated background location and established as the baseline ambient reading. This procedure was followed daily before the start of any field activity. The instrument type, the serial number, a description of the data collection location, and the time of data collection were also recorded on a daily basis.

The survey was performed in the vicinity of each surface soil location and at each hand auger location in the wooded areas and those associated with the GPR traverses. Instrument readings were also recorded during the direct push technology (DPT) and CPT sampling surveys. During the survey the instrument was run continuously in close proximity to the boring rods during drilling and upon removal from the subsurface. No readings exceeded the background values during the intrusive fieldwork at the site.

2.1 ELECTROMAGNETIC TERRAIN CONDUCTIVITY AND MAGNETOMETER SURVEYS

A high-resolution electromagnetic (EM) terrain conductivity survey and a magnetometer survey were performed from May 12 through June 17, 1997, to determine the lateral extent of the landfill boundaries. Figure 2-1 shows the area included in these surveys. EM and magnetic equipment is used extensively for mapping buried anthropogenic features for environmental and archaeological investigations. Both the EM terrain conductivity meter and the magnetometer equipment were connected to a differential global positioning system (DGPS) to provide accurate station location data. The use of a DGPS minimized disruption to the golf course operations as a conventional staked reference grid was not required for accurate geophysical station location.

The accuracy of the DGPS used for this investigation in the open areas of the site was typically +/-0.7 feet (20 centimeter) when using a single-frequency 12-channel DGPS. The accuracies of the DGPSs in the

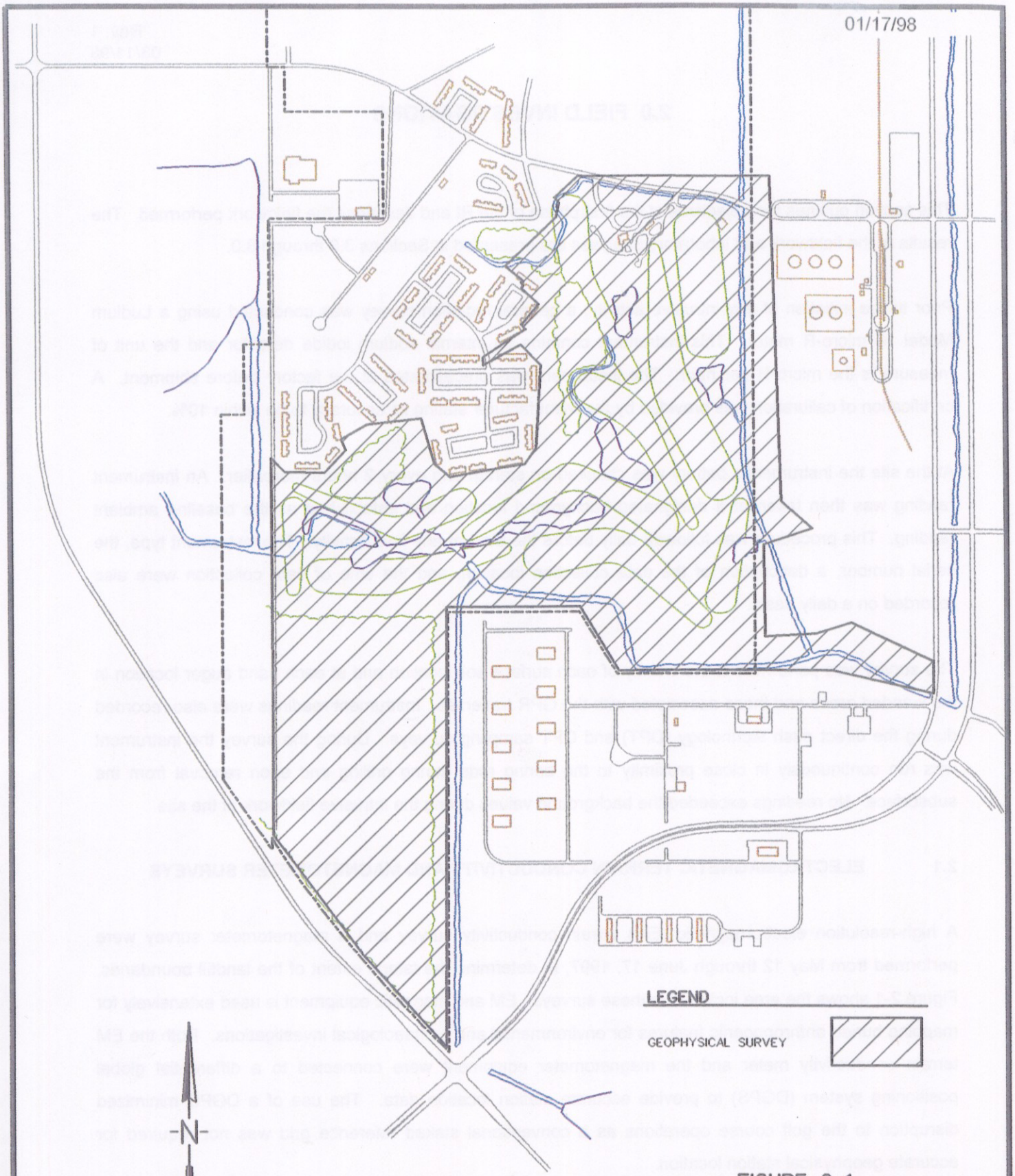

FIGURE 2-1

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OAK RIDGE, TENNESSEE

GEOPHYSICAL SURVEYS
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

forested areas of the site were approximately +/- 3 feet using a dual-frequency, 12-channel DGPS and +/- 50 feet using the single-frequency DGPS. The dual-frequency DGPS was used for most of the data collection in the forested areas, while the single-frequency DGPS was used for data collection in the open areas of the site.

Approximately 92,400 EM terrain conductivity and magnetometer data points were collected during this investigation. The known characteristics of the past landfilling operations at this site indicated that these geophysical techniques would provide excellent results in delineating the historic landfill boundaries based on suspected contrasts between the natural or clean fill soils of the site and the suspected waste materials.

The results of the landfill boundary survey are presented in Section 3.0.

2.1.1 High-Resolution Electromagnetic Terrain Conductivity Survey

Natural soils and clean fill at the site were sandy in texture. Sandy soils typically are electrically resistive. Landfill waste is typically very electrically conductive due to the presence of elevated moisture content, elevated levels of electrolytes in pore fluids, and metallic debris. The electrical contrast between the resistive natural and clean sandy fill materials and the conductive landfill waste was expected to be substantial at this site. For this reason a high-resolution terrain conductivity survey using a Geonics EM31 was recommended and performed at this site.

The EM31 is a frequency domain EM device that utilizes the principle of EM induction to measure the apparent conductivity and magnetic susceptibility of materials and their pore fluids. The instrument is equipped with a very low frequency radio transmitter and a receiver coil. The EM31 transmits at a frequency of 9.8 kilohertz. The transmitter and receiver coils are separated by a distance of 12 feet and located at the ends of a rigid, nonmetallic pole.

Terrain conductivity and magnetic susceptibility data were recorded simultaneously by a digital data logger. Terrain conductivity data are measurements of the apparent conductivity of the subsurface materials and their pore fluids expressed in units of millimhos per meter. Terrain conductivity data are used to map subtle soil moisture content changes often associated with disturbed or contaminated soils, fill materials, shallow soil stratigraphic changes, and the presence of shallow metallic objects or utilities. Magnetic susceptibility data were also collected during this investigation and recorded in dimensionless units of parts per thousand (ppt). Magnetic susceptibility data are used to further identify and confirm the presence of buried metallic objects, pipes, and utilities.

All data were collected with the instrument held at waist height, in the vertical dipole mode, and oriented parallel to the direction of travel. The depth of investigation using this configuration is approximately 16 feet. Data were collected at 1-second intervals as the operator maintained a constant pace. This resulted in a station spacing of approximately 3 feet.

An EM base station was established at the edge of the golf course near a brushy area surrounding a drainage canal. The base station was staked with two polyvinyl chloride flags so that same location could be used throughout the survey. The area surrounding the base station is believed to have contained reworked soils but was also believed to have minimal anthropogenic features. Values of terrain conductivity for this location were approximately 9-millimhos per meter during the survey, with some fluctuation noted after heavy rain events. These values of terrain conductivity typically correspond to sandy soils. The magnetic susceptibility values at the base station were approximately 0 ppt, suggesting that no buried metals were present in the immediate vicinity of this location.

Measurements were made at the EM base station before the start and after the completion of each day's data collection. Base station data were saved electronically and recorded in the field logbook. The electronics of the EM31 were allowed to warm up for several minutes prior to starting data collection, and the instrument's power was kept on throughout the day, regardless of breaks. Allowing the instrument to warm up and keeping the instrument's power on helps to minimize the potential for data drift, which can result in offsets in the dataset. The instrument was calibrated following procedures outlined in the manufacturer's operations manual. Minimal instrument drift was noted during the EM31 data collection. The instrument drift that was observed was believed to be due to heavy rainstorms. All data were collected with a time stamp so that drift corrections could be made if found to be significant.

A digital data logger was used to collect the spatial and temporal data at each site. Surface features observed during data collection were recorded by the data logger as text and later used to assist in data interpretation. All data were downloaded to a portable laptop computer at the completion of each day's data collection.

2.1.2 High-Resolution Magnetometer and Gradiometer Survey

The landfilled waste was expected to contain metallic objects and debris. For this reason a magnetometer and vertical gradiometer survey was performed at this site to assist in determining the lateral limits of landfilling. A magnetometer was used because the magnetic contrast between the waste and the clean fill of the site was thought to be significant.

A magnetometer was used to measure the total field and the vertical gradient. Total field data are used to map the presence of large features such as clusters of metallic objects. The vertical gradient was also measured at each data point. Vertical gradient data are often of higher resolution than total field data, so smaller individual metallic objects can be delineated.

A high-resolution Geometrics G-858 cesium vapor magnetometer and gradiometer was used at this site to map the presence of buried metallic debris and objects associated with the historic landfill operation. The G-858 was equipped with two magnetic field sensors located on the end of an aluminum pole that positioned the sensors approximately 6 feet ahead of the operator. The first magnetic field sensor was referred to as Sensor 1. All total field magnetic data were collected with the Sensor 1 located 1 foot off of the ground and vertically oriented. Total field data are susceptible to diurnal drift and are recorded in units of nanoTeslas. The background total magnetic field for this site was approximately 48,150 nanoTeslas during this investigation.

A second magnetic field sensor (Sensor 2), attached 2.6 feet above the first sensor, was also vertically oriented. The total field magnetic data obtained from Sensor 2 were subtracted from the total field magnetic data obtained from Sensor 1, and the difference was divided by the separation distance (2.6 feet). The results represent measurements of the vertical magnetic gradient in units of nanoTeslas per meter.

Vertical gradient data can be either positive or negative. Positive vertical gradient data represent buried features that have a constructive remanent magnetization signal in the ambient field, while negative values represent buried features that have a destructive signal in the ambient field. Areas representative of background conditions have vertical gradients of 0 nanoTeslas per meter. Vertical gradient data are not susceptible to diurnal drift.

2.1.2.1 Magnetic Survey Diurnal Corrections

Severe magnetic storms due to solar activity can render magnetometer data useless for environmental surveys. Forecasting and identifying a magnetic storm are critical when collecting magnetic data. Magnetic storms can result in rapid and significant localized changes in the earth's magnetic field that can equal or exceed several hundred nanoTeslas. The Space Environmental Agency, which provides magnetic forecast data for military and civilian purposes that indicate the presence of or project the potential for magnetic storms, was contacted each day prior to the initiation of the magnetic survey.

Active sunspots were forecast during the May 15, 1997, data collection that resulted in magnetic drifts of 50 nanoTeslas with occasional spikes of 1,000 nanoTeslas or more. A major magnetic storm was forecast for the evening of June 8, 1997, through June 9, 1997. Magnetic data were not collected on

June 9, 1997, due to this magnetic storm. Data for the May 15, 1997, survey however, were corrected and utilized. All other days when magnetic data were collected were forecast to be quiet to unsettled solar conditions which resulted in a 0 to 20 nanoTeslas drift.

Diurnal drift data were monitored and recorded in the field using a Geometrics 856AX proton precession base station magnetometer. The Geometrics 856AX was set up at the edge of the golf course in a brushy area adjacent to a drainage canal. This area was thought to be free of buried metallic objects or other anthropogenic features that might cause signal interference. The proton precession magnetometer device was designated the base station magnetometer and programmed to record a measurement every 30 seconds during the field operations. The use of a proton precession magnetometer was acceptable because the dynamic range of the base station was expected to be small.

The daily initial and final readings of the base station magnetometer were recorded in the field logbook to identify any potential problems with unforecast solar storms or instrument failure. Base station data were downloaded daily to a laptop computer using the manufacturer's software, Magloc. The total field magnetic data were corrected for diurnal drift utilizing the manufacturer's software, Magmap96. This software automatically corrected the cesium vapor magnetometer's total field magnetic data based on the trends of the proton precession base station data.

2.2 GROUND PENETRATING RADAR SURVEY AND HAND AUGER BORINGS

The thickness and continuity of the landfill cover were investigated with GPR and hand auger borings (Figure 2-2). Approximately 6 miles of GPR data were collected along 27 profile lines at the golf course areas of the site (June 15-17, 1997). Ninety three hand auger samples were also collected at the site (June 24-28, 1997). A digital GPR device and hand auger samples were used to determine the depth of the landfill cover and to estimate the fill thickness at this site. The GPR device was used in open areas of the site including the golf course. A DGPS provided GPR station and line locations. The GPR was not used in the forested or brushy areas of the site due to lack of accessibility. Hand auger soil cores were logged in the forested areas of the site to define the thickness of the landfill cover. Hand auger soil cores were also logged at the endpoints of the GPR survey lines to provide correlation between the GPR results and the near-surface stratigraphy.

The results of the landfill cover investigation are presented in Section 4.0.

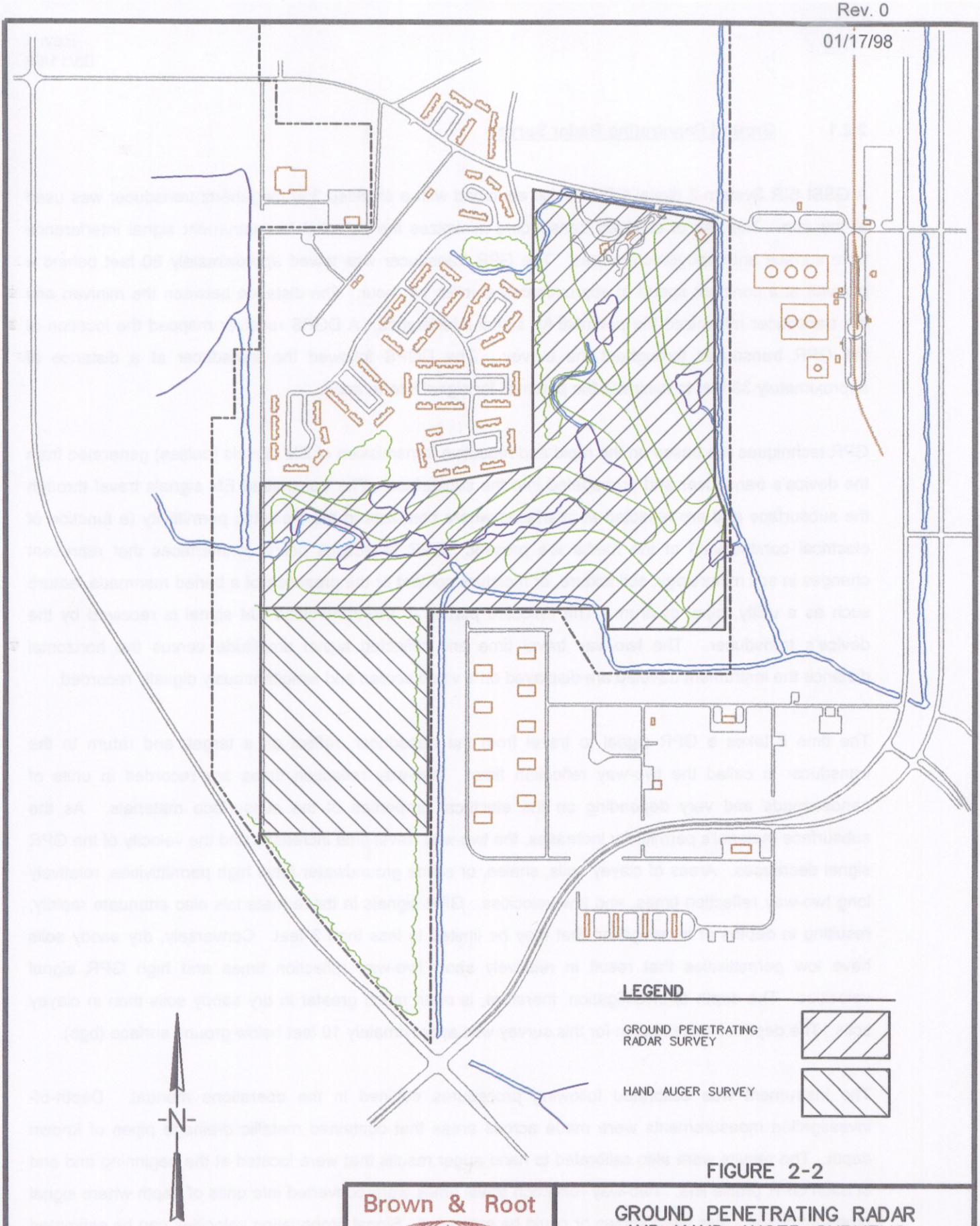

FIGURE 2-2

Brown & Root Environmental
OAK RIDGE, TENNESSEE

GROUND PENETRATING RADAR AND HAND AUGER SURVEYS
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

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2.2.1 Ground Penetrating Radar Survey

A GSSI SIR System-2 digital GPR device equipped with a shielded 300 megahertz transducer was used at this site. The use of shielded transducers minimizes the potential for instrument signal interference from surface anthropogenic features. The GPR transducer was towed approximately 80 feet behind a minivan at a constant speed of approximately 6 miles per hour. The distance between the minivan and the transducer minimized the potential for signal interference. A DGPS receiver mapped the location of the GPR transducer throughout the survey. The DGPS followed the transducer at a distance of approximately 33 feet to minimize the potential for signal interference.

GPR techniques are based on the rapid and repetitive transmission of EM signals (pulses) generated from the device's transducer and propagated into the subsurface. The transmitted EM signals travel through the subsurface and are reflected at interfaces where contrasts in the dielectric permittivity (a function of electrical conductivity) of the media are present. GPR reflections occur at interfaces that represent changes in soil mineralogy, soil texture, or moisture content or the presence of a buried manmade feature such as a utility, pipe, or drum. The reflected portion of the transmitted EM signal is received by the device's transducer. The two-way travel time and reflected signal amplitude versus the horizontal distance the instrument traveled are displayed on a video screen and simultaneously digitally recorded.

The time it takes a GPR signal to travel from the transducer, reflect off a target, and return to the transducer is called the two-way reflection time. Two-way reflection times are recorded in units of nanoseconds and vary depending on the electrical properties of the subsurface materials. As the subsurface material's permittivity increases, the two-way travel time increases and the velocity of the GPR signal decreases. Areas of clayey soils, shales, or saline groundwater have high permittivities, relatively long two-way reflection times, and low velocities. GPR signals in these materials also attenuate rapidly, resulting in depths of investigation that may be limited to less than 3 feet. Conversely, dry sandy soils have low permittivities that result in relatively short two-way reflection times and high GPR signal velocities. The depth of investigation, therefore, is often much greater in dry sandy soils than in clayey soils. The depth of investigation for this survey was approximately 10 feet below ground surface (bgs).

The instrument was calibrated following procedures outlined in the operations manual. Depth-of-investigation measurements were made across areas that contained metallic drainage pipes of known depth. The results were also calibrated to hand auger results that were located at the beginning and end of each GPR profile line. Two-way reflection travel times were converted into units of depth where signal propagation velocities were known or could be estimated. Signal propagation velocities can be estimated

by collecting data over targets of known depths, performing a common midpoint sounding, or estimating soil permittivities based upon known or published values.

2.2.2 Hand Auger Borings

Forty hand auger borings were installed in the wooded areas, while 53 were installed at the ends of the GPR traverses. The boring samples were collected using a standard 2-inch-diameter bucket hand auger equipped with a cross handle to rotate the tool, quick-connect extension rods, and a stainless steel bucket. For each sample the auger was advanced to a depth of 6 feet bgs or to the water table, whichever was encountered first.

The borings were installed at the surface soil sampling locations (see Section 2.3.3) in the wooded area determined to be within the boundaries of the landfill based on the magnetic and EM data. Soil from each bucket (approximately 0.5 foot) was logged. Information regarding soil type and any manmade materials identified in the sample was recorded with the associated depth.

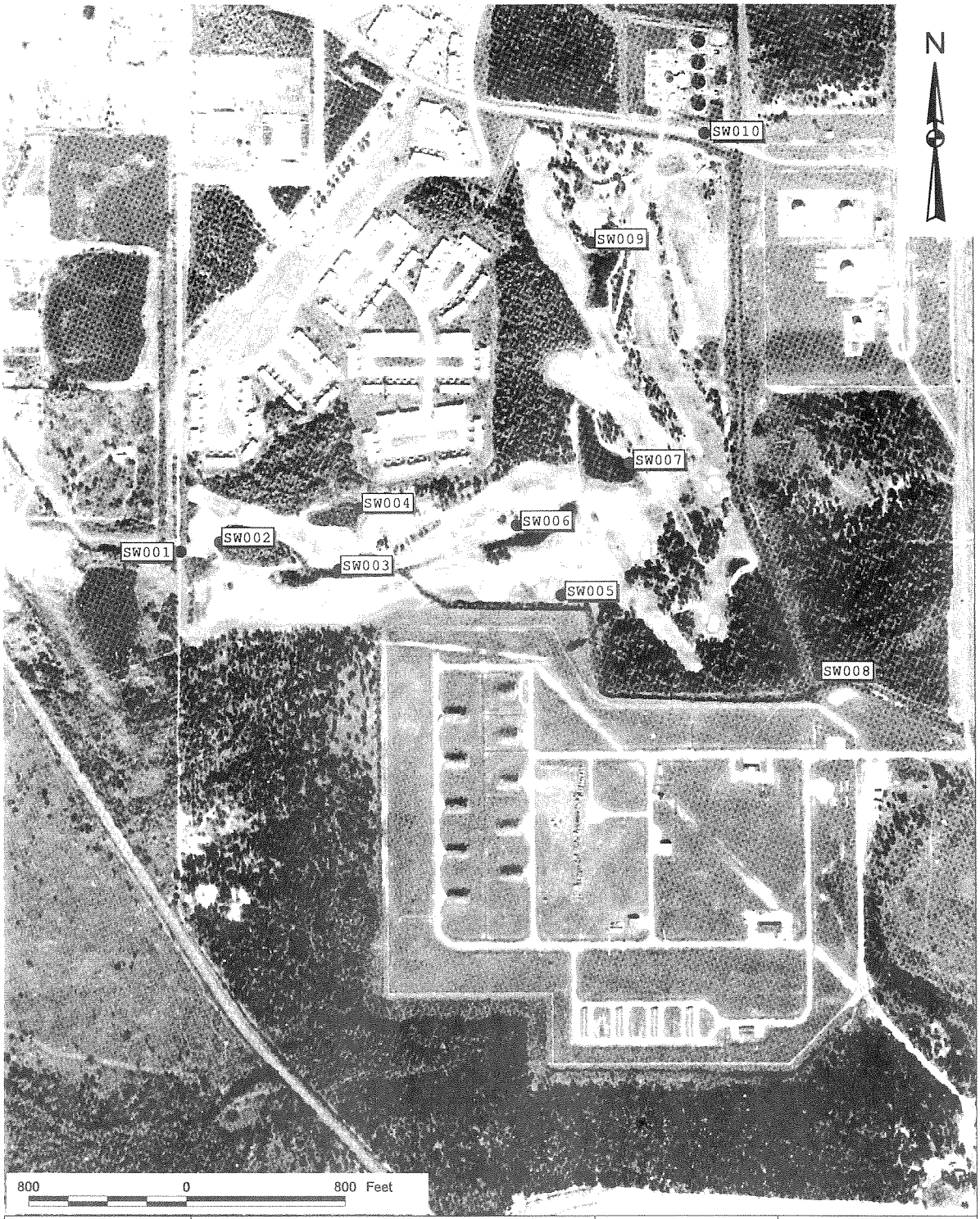
After the information for a sample was entered into the field logbook, the soil cuttings were returned to the borehole and the ground surface was restored as closely as possible to its original state. The hand auger tool was then decontaminated in accordance with Section 4.3 of the Project Operations Plan (ABB-ES, 1994) prior to use at the next location.

2.3 SURFACE WATER, SEDIMENT, AND SURFACE SOIL SAMPLING

2.3.1 Surface Water Sampling

Surface water and sediment samples were collected from a total of ten locations (Figure 2-3). Nine of the locations, including drainage ditches, interconnecting bodies of water, and golf course ponds, were within the boundaries of the landfill. One sample was collected downstream of the landfill from a drainage ditch on the adjacent property to the southeast owned by the Greater Orlando Aviation Authority (GOAA). The purpose of collecting these samples was to determine if these water bodies had been contaminated by surface runoff or groundwater in contact with the landfill material. All appropriate quality control (QC) samples, including equipment, field, and trip blanks, were also collected. Samples were collected on July 1, 2, and 18, 1997. Location SW010 was re-sampled on September 24, 1997.

The water samples were collected by immersing the sample container below the surface of the water, where possible, and holding it at a 45-degree angle until the entire container was filled. The clean



DRAWN BY D. PERRY — DATE 11-JAN-98	Brown & Root Environmental	CONTRACT NUMBER N62467-94-D-0888	OWNER No. —
CHECKED BY M Campbell — DATE 1/17/98	FIGURE 2-3 SURFACE WATER/SEDIMENT SAMPLE LOCATIONS MCCOY ANNEX LANDFILL NTC ORLANDO ORLANDO, FLORIDA	APPROVED BY — DATE —	
COST/SCHEDULE-AREA		APPROVED BY — DATE —	
SCALE AS NOTED		DRAWING No. —	REV 0

P:\GIS\ORLANDO\7457\TAG.APR 11-JAN-98 DNP SURFACE WATER/SEDIMENT SAMPLE LOCATIONS LAYOUT

container provided by the laboratory was first rinsed with the water to be sampled before the sample was collected.

Surface water samples were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, total petroleum hydrocarbons (TPH), total dissolved solids (TDS), total suspended solids (TSS), hardness, alkalinity, pesticides/herbicides, gross alpha, and gross beta. One sample was also collected from location SW006 for polychlorinated biphenyl (PCB) and dioxin analyses. Dioxin analysis was to be performed only if PCBs were detected in the sample. A sample was also collected for specific radionuclide analyses. This sample was to be analyzed only if the gross alpha or gross beta exceeded 15 picocuries per liter and 50 picocuries per liter, respectively, as identified in the Work Plan (B&R Environmental, 1997).

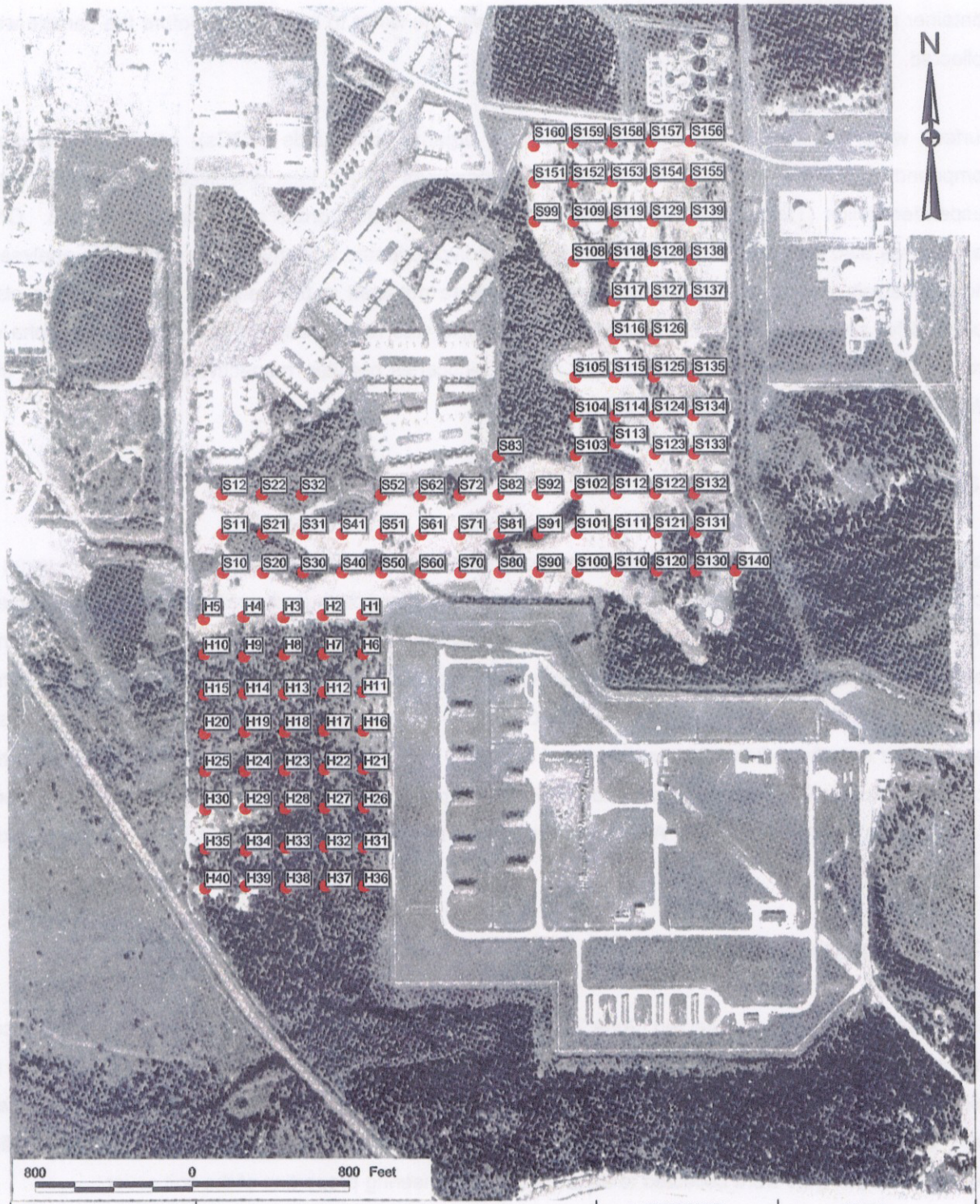
2.3.2 Sediment Sampling

Sediment samples were collected in the same locations as the surface water samples (Figure 2-3) using a scoop sampler to collect the sediment at the bottom of the water body. Sediment samples were analyzed for VOCs, SVOCs, metals, TPH, total organic carbon (TOC), cation exchange capacity, and pesticides/herbicides. One sample was collected from location SD06 for PCB and dioxin analyses. The dioxin analysis was to be performed only if PCBs were detected in the sample. A sample was also collected for specific radionuclide analyses and analyzed only if gross alpha or gross beta exceeded the action levels of 5 picocuries per gram and 15 picocuries per gram, respectively, as identified in the Work Plan (B&R Environmental, 1997). All appropriate QC samples, including equipment, field, and trip blanks, were also collected.

2.3.3 Surface Soil Sampling

Surface soil samples were collected (June 28-July 1, 1997) for chemical, radiochemical, and geotechnical analyses from both the wooded areas and the golf course within the landfill boundaries (Figure 2-4). It is believed that the landfill cover was obtained from a clean source, but chemical and radiochemical samples were collected to determine if the soil cover had been contaminated by the underlying landfill. Geotechnical samples were collected to determine the engineering properties of the soil cover.

The samples for chemical analyses were collected from each acre within the landfill boundaries at depths ranging from 0 to 1 foot. The sample for the other analyses was collected as a composite from five portions. One portion of the sample was collected from the center point of each acre, and four other equal



DRAWN BY: D. PERRY — DATE: 11-JAN-98	Brown & Root Environmental	CONTRACT NUMBER: N62467-94-D-0888	OWNER No.: —
CHECKED BY: M Campbell — DATE: 1/17/98	FIGURE 2-4 SURFACE SOIL SAMPLE LOCATIONS MCCOY ANNEX LANDFILL NTC ORLANDO ORLANDO, FLORIDA	APPROVED BY: — — DATE: —	
COST/SCHEDULE-AREA		APPROVED BY: — — DATE: —	
SCALE: AS NOTED		DRAWING No.: —	REV: 0

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portions were collected 74 feet to the northeast, southeast, northwest, and southwest. The portions were cleared of debris, then placed in a stainless steel bowl and thoroughly mixed with a stainless steel trowel to obtain a composite of five portions within the acre. The composite sample was then placed in containers precleaned by the laboratory and preserved on ice for shipment to the laboratory. All sampling equipment was properly decontaminated prior to each sampling event and between sampling locations.

The surface soils for chemical analyses were sampled for VOCs, SVOCs, metals, pesticides/herbicides, and TPH. A sample for PCBs and dioxin analyses was also collected from every tenth sample. Dioxin analysis was performed only if PCBs were detected in the sample. Radiochemical analyses were also conducted on a portion of the composite sample for gross alpha and gross beta. Analysis for specific radionuclides (U-234, U-238, Th-227, Th-228, Th,-232, Ra-226, and Ra-228) was to be performed only if the gross alpha levels exceeded 5 picocuries per gram or gross beta levels exceeded 15 picocuries per gram as specified in the Work Plan (B&R Environmental, 1997). All appropriate QC samples, including equipment, field, and trip blanks, were also collected.

One soil sample was collected for geotechnical analysis from every 4 acres within the landfill. At each sampling location, soil was collected in one 16 ounce jar, two Shelby tubes, and a 6-inch by 12-inch concrete cylinder mold.

Samples for the 16 ounce container were collected by removing the topsoil or debris from the ground surface and placing the underlying soil in the container for analyses of grain size, Atterberg limits, and moisture content.

Soil samples were collected at each location in two metal Shelby tube liners measuring 2-inch inner diameter by 6-inch long. The Shelby tube liners were placed in a metal shoe head attached to a slide hammer core sampler. Prior to sampling, about 6 inches of soil or sod were removed from the surface. The core sampler was advanced into the ground to the middle of the shoe head using the slide hammer assembly at the top. The sample was then retrieved by gently pushing the slide hammer back and forth, thereby breaking the adhesion between soil particles and releasing the core sampler. The sampler was then held horizontally and the Shelby tube liner was removed from the shoe. Plastic caps were placed at both ends of the tube and secured with duct tape. The sample was used to determine the undisturbed vertical permeability, moisture content, in-place density, and soil classification.

At each geotechnical sampling location one 6-inch by 12-inch concrete cylinder mold was filled with soil using a trowel for the Standard Proctor Test to determine the degree of compactibility of the existing soil cover.

2.4 SOIL ORGANIC VAPOR SURVEY

A soil organic vapor (SOV) survey was performed (July 2-17, 1997) within the suspected landfill boundaries (Figure 2-5) to identify specific areas in OU 2 where groundwater and soil are contaminated with VOCs and SVOCs and to evaluate the presence of methane. For the VOC and SVOC survey, the Gore-Sorber system, in which an absorbent sensing element is placed in a polytetrafluoroethylene membrane tube, was used for the survey. The membrane tube is impermeable to water, but transparent to VOC and SVOC vapors, which migrate through the membrane to be absorbed by the sensing element. A total of 182 Gore-Sorber Modules were installed approximately 2 feet deep using a slide hammer and insertion rod at the surface soil sampling locations (see Figure 2-4) and around the OU 2 perimeter. The slide hammer and insertion rod were decontaminated prior to each insertion.

After an exposure period of approximately 2 weeks, the modules were retrieved and shipped in coolers to the W.L. Gore & Associates laboratory for analysis by a modified Environmental Protection Agency (EPA) Method 8240B/8270B. The analytical results reported the masses of compounds in micrograms desorbed from the screening modules.

A methane gas survey was conducted in association with the SOV module installation at each surface soil sampling location and at selected direct push locations along the northern, southern, eastern, and western boundaries of the landfill. The survey was performed with a Neotronics Digiflame 2000 vapor analyzer. The instrument is a self-calibrating vapor detector that responds to the presence of methane gas in the ambient air. Results are reported in percentages of a given aliquot of air sampled.

The Digiflame 2000 is a self-contained battery-powered unit with a intake sampling hose attachment. On startup the instrument conducts a self-diagnostic test and performs a calibration. After 30 seconds the instrument is ready to record methane vapor values. Prior to the insertion of the SOV module into the borehole, the sampling hose was inserted a few inches down the opening. The hose was held in place for approximately 20 seconds, and the methane value from the instrument was recorded. This procedure was performed twice at each sampling location; prior to insertion of the SOV module and 10 days later during removal of the modules.

2.5 DIRECT PUSH GROUNDWATER SAMPLING

A direct push groundwater sampling survey was conducted (July 23-September 12, 1997) around the landfill boundaries to evaluate the quality of groundwater that may have been contaminated by the landfill (Figure 2-6). The DPT investigation employed a Geoprobe unit, a vehicle-mounted, hydraulically-powered

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FIGURE 2-5

Brown & Root Environmental
OAK RIDGE, TENNESSEE

SOIL ORGANIC VAPOR SURVEY
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

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			D. PERRY 11-JAN-98		N62467-94-D-0888
			CHECKED BY / DATE: MCampbell 1/17/98	FIGURE 2-6 DIRECT PUSH GROUNDWATER SAMPLING LOCATIONS MCCOY ANNEX LANDFILL NTC ORLANDO ORLANDO, FLORIDA	APPROVED BY / DATE
			COST/SCHED-AREA		APPROVED BY / DATE
			SCALE: AS NOTED		DRAWING NO. / REV. 0

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unit that is capable of driving steel rods and tubing into the subsurface for collection of groundwater samples at specified depths.

The Geoprobe initially drives 3/4-inch by 2-foot-long hollow rods into the subsurface. Additional rods are added to the rod string until the desired sampling interval is reached. When the desired depth is reached, 3/8-inch-diameter polypropylene tubing, with the bottom 6-inch perforated by a series of holes, is inserted down the rod string until the leading edge contacts the bottom of the leading rod. The leading rod attached to the rod string is fitted with a expendable drive point. Once the tubing is in place, the rod string is retracted approximately 8 inches. As the rod string is retracted, the expendable point is released from the leading rod, allowing the tubing to be exposed to the subsurface media. Groundwater present at that depth enters the tubing through the perforations. The tubing serves as a screen for the sampling process and filters most of the larger sand particles from the groundwater. A second, smaller, 3/16-inch-diameter inner polyethylene tubing is now inserted into the larger 3/8-inch outer tubing to the top of the perforated interval. The other end of the inner tubing is connected to a peristaltic pump. The pump is then turned on, and groundwater at the specific interval open to the perforated section of the outer tubing is pumped through the inner tubing to the ground surface. The groundwater flow rate can be regulated by the peristaltic pump. A sample is then collected directly from the tubing. This method makes direct sampling from a discrete interval of an aquifer possible.

After collecting the sample, the rod string is removed from the ground and decontaminated in accordance with the Project Operations Plan (ABB-ES, 1994), Section 4.4.4.2 (Cleaning Procedures for Downhole Equipment), prior to being moved to the next location. The inner and outer polypropylene tubing were disposed of, and new tubing was used for the next location. This procedure reduces the risk of cross-contamination from one location to the next. The boring made by the rods is pumped full of grout as the rods are withdrawn. The grout seals the hole and prevents the introduction of contaminants into the deeper intervals of the aquifer.

At each location two separate borings were installed along the boundary of the landfill to sample the groundwater at shallow (generally 9 feet bgs) and intermediate (approximately 30 feet bgs) zones of the aquifer. A total of 347 samples were collected. The samples were analyzed on site by a mobile laboratory using gas chromatography for trace-level detection of selected VOCs. The samples were collected in 40-milliliter, Teflon-sealed glass vials and analyzed using EPA Method 8021 or 8260. Duplicates were collected from 10 percent of the samples and submitted to an approved fixed-base laboratory to verify the results obtained by the mobile laboratory in the field.

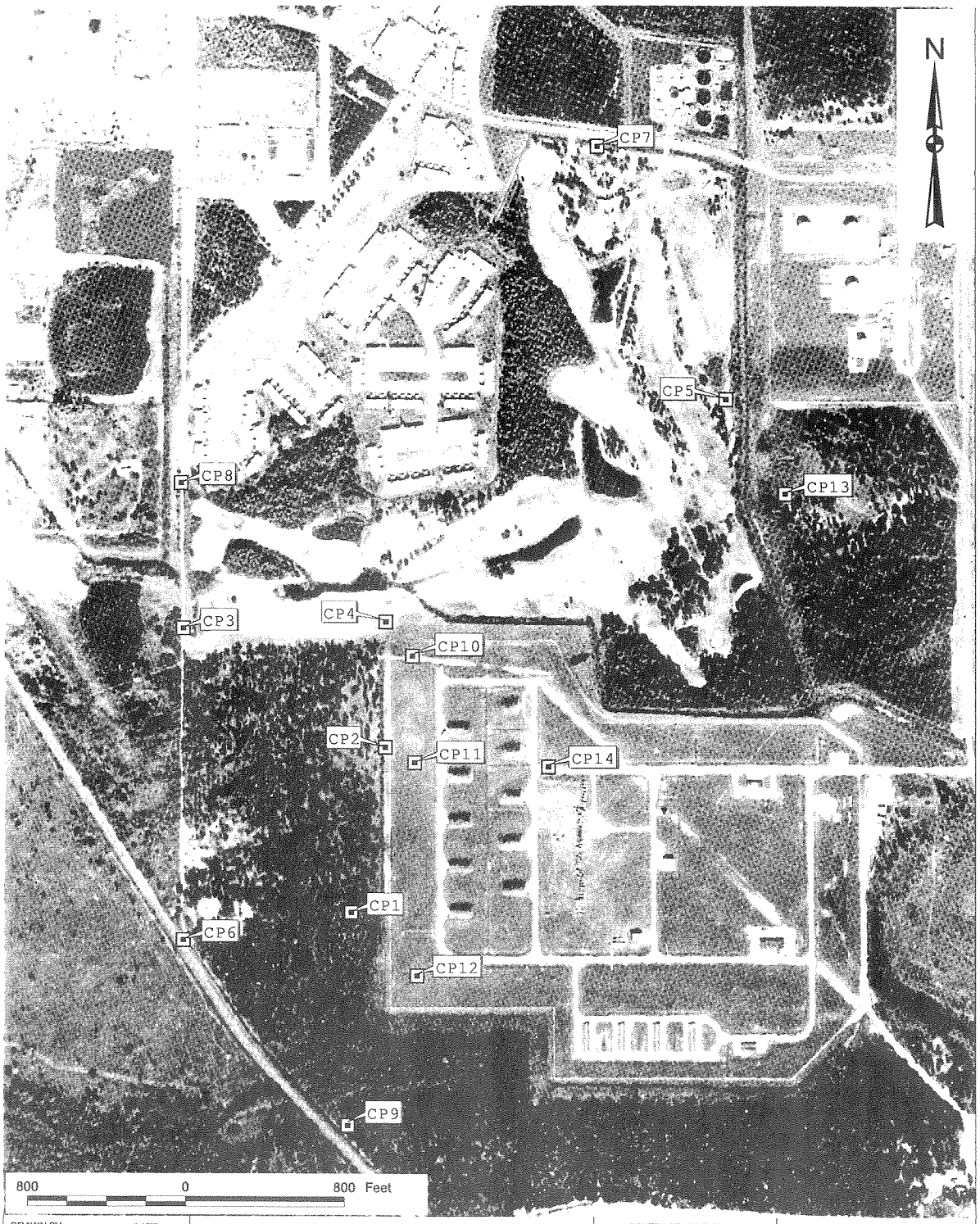
2.6 CONE PENETROMETER TESTING

A subsurface investigation was conducted (October 22-November 12, 1997) at the landfill following a review of existing groundwater data from the previous direct push investigation. Direct push methods were used to conduct a CPT survey and groundwater sampling (Figure 2-7). The cone penetrometer measured several parameters directly, including cone resistance (or end bearing stress), sleeve friction, and pore pressure versus depth. These data were used to interpret subsurface soil and surficial aquifer geotechnical and hydrogeological properties such as stratigraphy and soil classification and estimate relative soil densities and hydraulic conductivities. Groundwater samples were collected for analysis at selected CPT locations. Samples were collected at specific depths based on the results of the DPT investigation.

The CPT was conducted with a 20-ton truck equipped with a hydraulic direct push unit capable of pushing a cone-shaped probe into the subsurface. The probe was attached to hollow, 2-foot-long stainless steel rods that were continuously added as the probe was driven into the ground. The probe was fitted with several sensors that recorded data at one centimeter depth intervals as the tip was pushed into the subsurface at a constant rate. Under appropriate geologic conditions the probe was stopped at specific depths and the pore pressure dissipation rate was measured in order to estimate hydraulic conductivity. The data from the probe were monitored and recorded by a dedicated computer that permitted evaluation of the subsurface in real time as CPT logs.

After the data from the CPT push were analyzed, (if groundwater sampling was required) the rig was repositioned approximately one foot from the point of CPT entry. The probe was fitted with a sampler tip that allowed the collection of groundwater from discrete intervals in the subsurface. The sampler probe was driven into the subsurface by the direct push rig until the desired depth had been reached. Once at the desired depth, the outer sleeve of the sampler was retracted, permitting entry of groundwater into the sampler. The groundwater sample was collected in a glass vial that was lowered into the sampler. During the first part of the CPT program the collected samples were analyzed at a field laboratory using EPA Method 8010-8020 for trace-level detection of selected VOCs. Duplicates were collected from ten percent of the samples and submitted to an approved fixed-base laboratory to verify the results obtained by the field laboratory.

The field laboratory contractor declared bankruptcy, therefore, a fixed-base laboratory was used for the remaining portion of the CPT program. The samples were analyzed using EPA Method 8260.



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CHECKED BY M Campbell 1/17/98 — DATE — COST/SCHEDULE-AREA	FIGURE 2-7 CONE PENETROMETER LOCATIONS MCCOY ANNEX LANDFILL NTC ORLANDO ORLANDO, FLORIDA	APPROVED BY — DATE —	
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P:\GIS\ORLANDO\7457TAG.APR 13-JAN-98 DNP CONE PENETROMETER LOCATIONS LAYOUT

The rods, samplers, and probes were retracted and decontaminated after each use in accordance with the Project Operations Plan (ABB-ES, 1994), Section 4.4.4.2 Cleaning Procedures for Downhole Equipment prior to being moved to the next location. Upon completion of the data collection or groundwater sampling at each location, the holes were abandoned by using a tremmie pipe to fill the open interval of the hole with grout from the bottom to the ground surface. The grout was a mixture of 5-percent bentonite and 95-percent Portland cement. The grout was allowed to set up for a minimum of 24 hours, after which it was checked for settlement and refilled with grout as appropriate. The holes were then completed to grade with the appropriate native material.

A total of 14 CPT locations (Figure 2-7) were installed at designated locations along the western, southern, eastern, and northern boundaries of the landfill and in the adjacent properties to the east and south of the landfill. The results of this investigation were used to map the expected geologic conditions at OU 2 and will aid in the location of future soil borings and monitoring wells.

3.0 LANDFILL BOUNDARIES

The G-858 magnetometer/gradiometer and the EM31 terrain conductivity meter were used to determine the landfill boundaries. Color-contoured maps of the total field magnetic and terrain conductivity results are presented in Figures 3-1 and 3-2, respectively. The total field magnetic results were contoured such that shades of green represent areas where surface or buried metallic objects or debris are absent. Areas of the site that contain surface or buried metallic objects are color-contoured in shades of reds, purples, or deep blue.

The terrain conductivity data indicate that two types of soil are present at this site that are representative of background conditions: clean sandy soils and silty sands that contain organic materials. The terrain conductivity values for the clean sandy soils were approximately 8 to 10 millimhos per meter and are presented in shades of green (Figure 3-2). These sandy soils and fill are present throughout the southern areas of the site. The organic-rich soils were present in the northwestern forested area of the site near golf course hole No. 9. The presence of the organic materials and silt in the soil resulted in higher values of terrain conductivity relative to the surrounding clean sandy soils and fill. The terrain conductivity of the organic-rich soils was observed to be 11 to 16 millimhos per meter. These areas are color-contoured in shades of orange and red-orange. Anomalous responses suspected to represent buried waste were observed to have a terrain conductivity data range of 14 millimhos per meter and greater. These responses are color-contoured in shades of reds and purple. The lower range of terrain conductivity values indicative of buried waste overlapped the upper range of values for natural soils with a high organic content. The terrain conductivity values representative of surface or buried metallic objects and debris are presented in shades of deep blue. The magnetic data were not affected by the presence of organic-rich soils.

The magnetic and EM datasets provided similar results in their delineation of the presence of buried wastes and disturbed soils. However, the magnetic data provide much better definition of the boundaries of the landfill. The magnetic datasets appear to have a higher resolution and contain higher frequency responses relative to the EM data. The EM responses are generally observed to be broad, low-frequency responses. This contrast is believed to be the result of the magnetic instrumentation detecting the presence of only buried ferrous metals, while the EM equipment detected the presence of contaminated fill, disturbed soils, stratigraphic changes, and metallic debris.

Clusters of high-frequency, anomalous magnetic and EM responses were observed across most of the golf course and the northern half of the forested area. These anomalous responses are shown in shades

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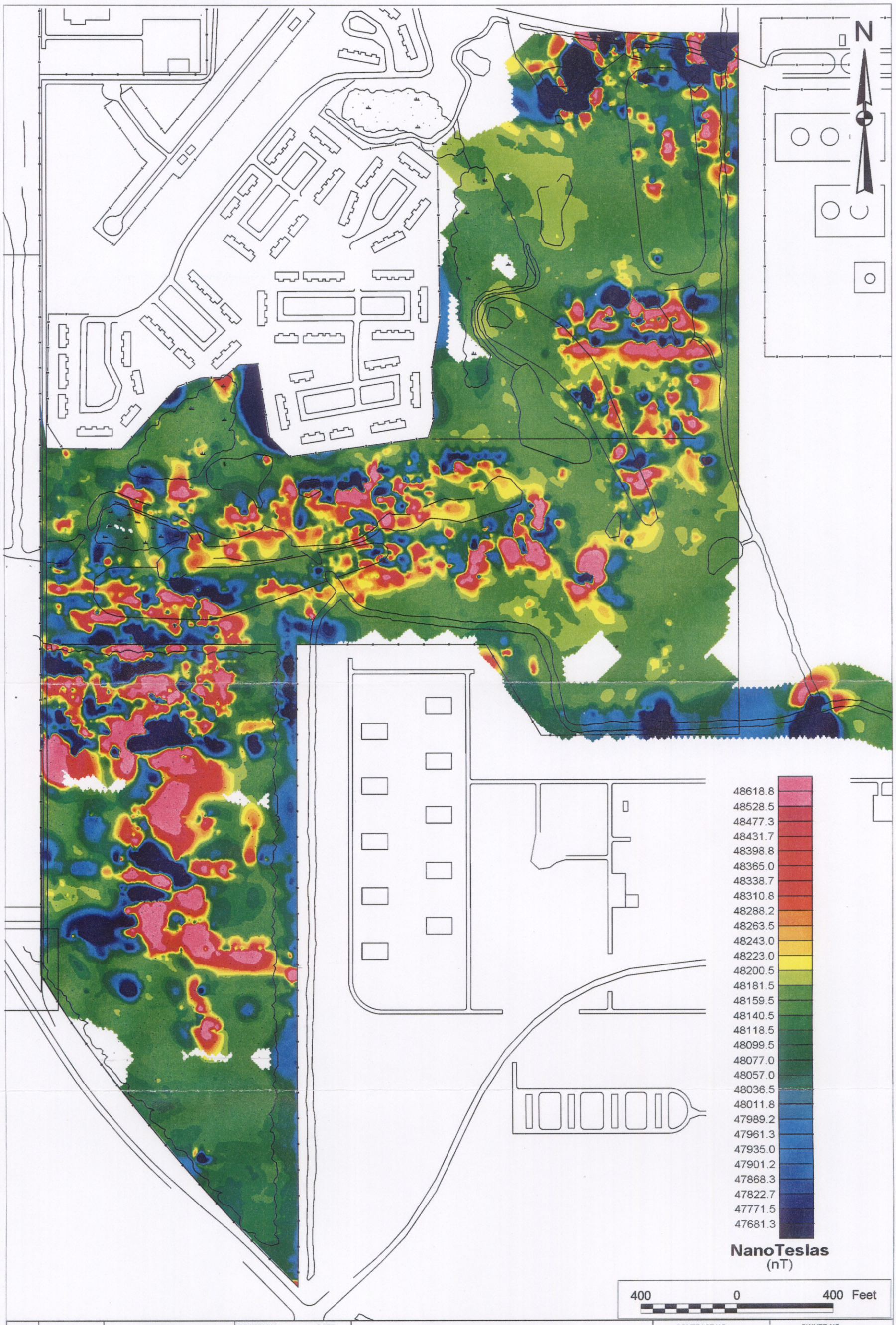

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			D. PERRY	14-JAN-98		N62467-94-D-0888	
			CHECKED BY	DATE	FIGURE 3-1 TOTAL FIELD MAGNETIC RESULTS MCCOY ANNEX LANDFILL NTC ORLANDO ORLANDO, FLORIDA	APPROVED BY	DATE
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			COST/SCHED-AREA			APPROVED BY	DATE
			SCALE			DRAWING NO.	REV.
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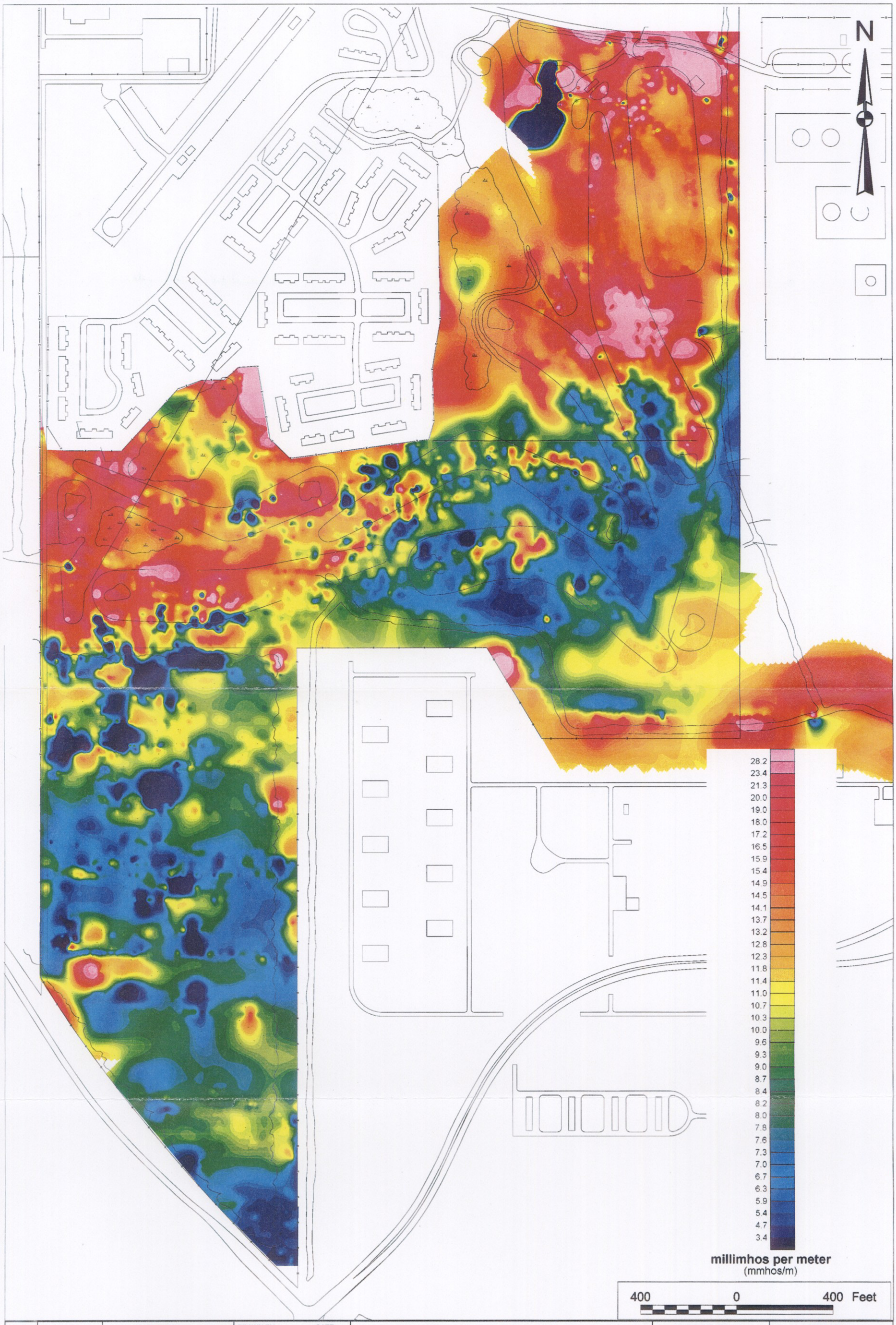

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COST/SCHED-AREA	
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FIGURE 3-2
TERRAIN CONDUCTIVITY RESULTS
MCCOY ANNEX LANDFILL
NTC ORLANDO
ORLANDO, FLORIDA

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of purple, red, and blue on Figures 3-1 and 3-2. Two general areas of the site appear to represent regions of organized waste disposal activity, and they appear to be the areas in which a majority of the wastes were disposed of. The first region is located approximately between the southern area of the driving range and the middle area of the No. 1 fairway. This area appears to contain a series of east–west trending anomalies that probably represent trenches. The anomalous magnetic responses indicate that the trenches contain metallic objects or debris. The EM results suggest that these areas may also contain elevated concentrations of electrically conductive contaminants such as elevated electrolytes (e.g., chlorides, phosphates, sulfides) and/or fill that contains silty, clayey, or organic-rich fill soils.

The second area of waste disposal is located west of the sand traps and green for hole No. 3 and south of the perimeter fence for the base housing. This area includes the fairways, greens, and tees for holes Nos. 4, 5, and 6 as well as the northern portions of the adjacent forested region. This area appears to contain linear anomalies that represent trenches and broad anomalies that probably represent large areas of waste disposal. These magnetic and EM data suggest that this second area of waste disposal may extend westward beyond the site boundaries. The EM data also suggest that this area of waste disposal may contain conductive contaminants or organic-rich fill soils.

The remaining anomalous magnetic and EM responses appear to represent random localized landfilling events. These random anomalies could represent areas of natural topographic lows where wastes were disposed of or areas where soils were randomly removed for other purposes and the holes then filled with wastes.

The presence of chain-link perimeter fences and golf course buildings also resulted in anomalous responses. The fences are located between the Navy housing and the golf course and between the former ammunition bunkers and the forested/golf course areas. The golf course buildings are present in the northern portion of the site. The presence of these features may have created anomalous responses of sufficient magnitude to mask the presence of wastes or metallic debris within a 15- to 30- foot radius.

The forested area of the site south of the No. 4 fairway appears to contain primarily surface and buried metallic objects and debris. Some features observed at the surface were hot water tanks, drums, tire rims, steel cable, and scrap sheet metal. These features are most apparent in the total field magnetic dataset. It is suspected that similar metallic objects are present in the subsurface at this location.

4.0 LANDFILL COVER

The GPR and hand auger data are presented as color contours of landfill cover thickness (in feet) in Figure 4-1. The landfill cover thickness, as defined by the GPR, appears to correlate to the golf course design. The GPR data indicated that the clean fill soils applied to the golf course to obtain the final grade were often placed directly on areas of landfilled waste at this site. The interface between the waste and the landfill cover material, and the interface between the native material and the earth fill used to construct the golf course were often strong reflectors. In areas where waste was present, the thickness of the cover over the waste is indicated on the map. However, in areas where waste was not present, the map does not indicate landfill cover thickness. Instead, the map shows the thickness of the earth fill used to construct the final contours of the golf course.

Hand auger data were used in the undeveloped forested areas of the site to determine landfill cover thickness. In some areas of the forest, the waste was visible at the surface with a minimal (less than 0.5-foot) layer of cover material present. Clean fill was observed in the remaining forested areas of the site to the depth of investigation, which was approximately 6 feet bgs.

The GPR survey indicates that the waste materials landfilled within the present golf course area are covered by soils that are 1 to 2.5 feet thick or greater. The hand auger data from the forested areas indicate that some landfilled wastes have less than 0.5 foot of cover. The extreme southern areas of the forest did not appear to have significant landfilled wastes within the top 6 feet of fill.

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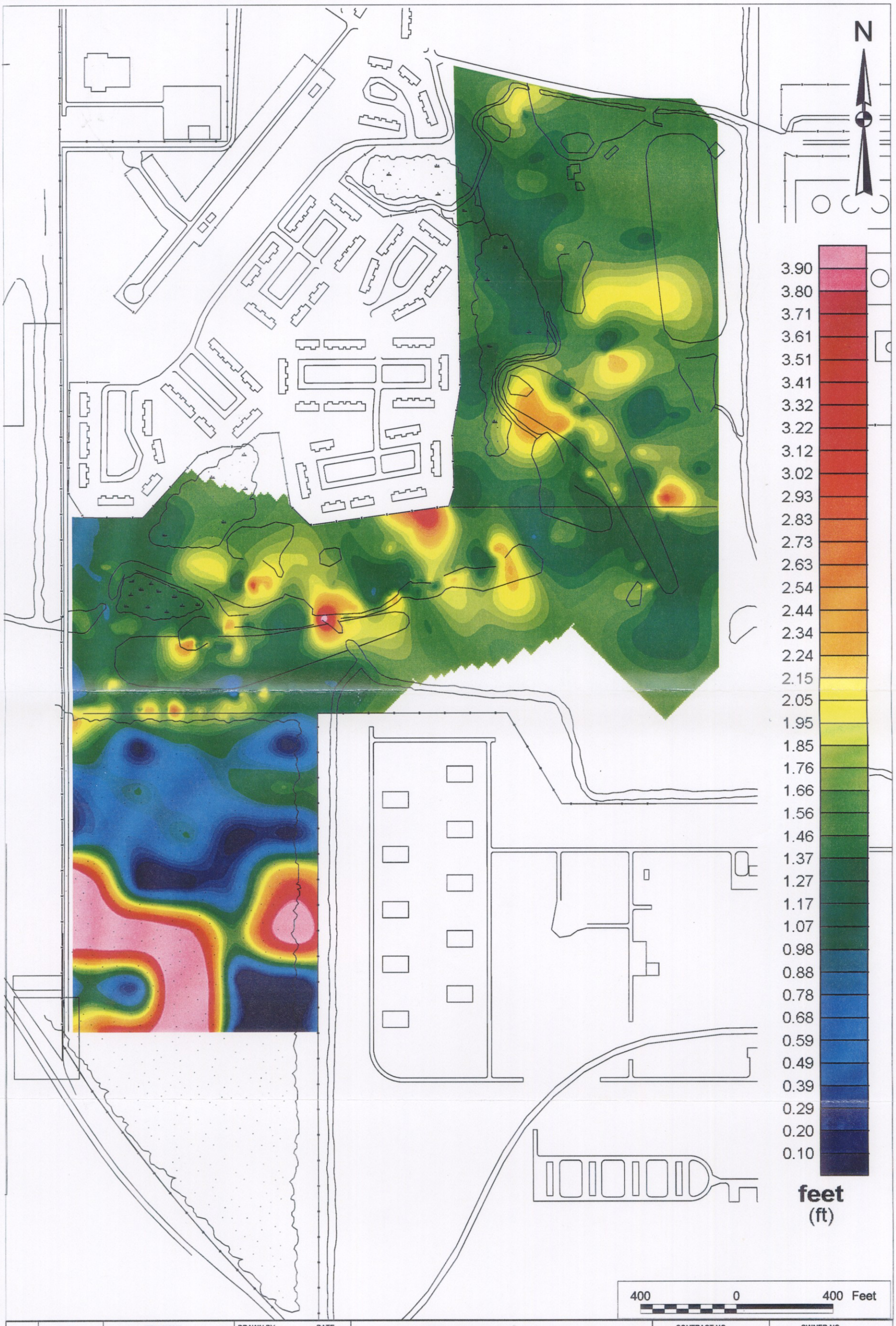

NO.	DATE	REVISIONS	DRAWN BY / DATE	Brown & Root Environmental	CONTRACT NO.	OWNER NO.
			D. PERRY 14-JAN-98		N62467-94-D-0888	
			CHECKED BY / DATE	FIGURE 4-1 LANDFILL COVER THICKNESS MCCOY ANNEX LANDFILL NTC ORLANDO ORLANDO, FLORIDA	APPROVED BY / DATE	
			COST/SCHED-AREA		APPROVED BY / DATE	
			SCALE: AS NOTED		DRAWING NO.	REV. 0

4-2

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01/17/98

5.0 SURFACE WATER, SEDIMENT, AND SURFACE SOIL SAMPLING

5.1 SURFACE WATER SAMPLING RESULTS

Ten surface water samples, plus one field duplicate and one resample, were collected at the site (see Figure 2-3) and analyzed for target analyte list (TAL) metals; target compound list (TCL) organics including pesticides, herbicides, and for 10 percent of the samples, PCBs; TPH; and gross alpha and gross beta. Dioxin analysis was to be performed only if PCBs were detected. No PCBs were detected, so dioxin analysis was not performed. Specific radionuclide isotopic analyses were to be performed if gross alpha or gross beta was detected at levels above the referenced 40 *Code of Federal Regulations* (CFR) 141 gross alpha maximum contaminant level (15 picocuries per liter) and gross beta screening levels (50 picocuries per liter). In addition, TDS, TSS, hardness, and total alkalinity were obtained for risk and treatability evaluations.

Data were validated according to established procedures as detailed in Appendix A.

One organic chemical [bis(2-ethylhexyl)phthalate] was detected in the surface water samples. Several inorganic analytes were found in the samples (Table 5-1). Only chemicals that were detected in at least one sample are presented on the summary table. The detected inorganics were compared to Florida Surface Water Quality Criteria (FSWQC). The list of screening criteria is presented in Appendix A (Table A-1). Detected analytes that exceeded these screening criteria are shaded in Table 5-1. Aluminum, calcium, magnesium, potassium, and sodium are abundant in natural soils, have a low toxicity to humans, and have no FSWQC or EPA Region 4 Freshwater Surface Water Screening Values. Therefore, these metals will not be discussed further in this section.

There are no screening criteria for barium (detected in eight samples), cobalt (detected in 1 sample), manganese (detected in eight samples), or vanadium (detected in five samples). Bis(2-ethylhexyl)phthalate was found above its screening criterion in one sample. Copper, iron, lead, mercury, and zinc were detected above screening criteria in at least one sample. Iron was found most frequently above the screening criteria (in five samples). The sample collected at location SW010 contained the largest number of metals at concentrations above the screening criteria.

Gross alpha was also detected above its screening criterion in the sample from SW010. This sample location was subsequently resampled for confirmation purposes. The sample was designated SW1002 (Table 5-1). On Figure 5-1 the results are indicated as "SW010 resample." Gross alpha was not detected

TABLE 5-1

SURFACE WATER—DETECTED ORGANICS AND INORGANICS
OPERABLE UNIT 2
NTC, ORLANDO
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SAMPLE LOCATION[a]	SCREENING CRITERION	SW001	SW002	SW003	SW004	SW005	SW006	SW006-D	SW007	SW008	SW009	SW010	SW1002
Volatiles (µg/L)													
Semivolatiles (µg/L)													
Bis(2-ethylhexyl)Phthalate	3									10.3			
Pesticides/PCBs (µg/L)		(b)	(b)	(b)	(b)	(b)			(b)	(b)	(b)	(b)	(b)
Herbicides (µg/L)													
TPH[c] (mg/L)													
Metals (µg/L)													
Aluminum						468 J	3700 J		908 J	472	5700 J	22600 J	2600
Arsenic	50						5.0		5.4		7.0	18.4	
Barium				10.6	11.6	11.1	26.9	15.9	11.8	12.2	43.0	118	
Calcium		10400	10400	10500	9460	10300	14700	12100	10100	12500	11900	41000	25800
Chromium (Total)	127.62[d]						6.6		2.2		11.2	29.2	
Cobalt												12.4	
Copper	7.09			3.9		2.8	13.3				13.8	36.2	
Iron	1000	272 J	292 J	324 J	606 J	288 J	1330 J	146 J	588 J	1240	6530 J	49000 J	3200
Lead	1.5						16.6				5.7	41.1	10
Magnesium		1090	1100	1350	731	1230	3360	3380	3310	1200	4130	8240	10300
Manganese		6.5 J	9.3 J	14.7 J			55.0 J	24.4 J	57.7 J	6.4	31.6 J	1360 J	50
Mercury	0.012											0.18	
Nickel	95.68										2.9	9.2	
Potassium		1850	1860	2020	341	1780	3800	3190	2640	1160	2830	3240	5000
Selenium	5											4.0	
Sodium		7520	5860	6370	2680	6470	16100	14300	16400	5370	20700	13400	22500
Vanadium							9.0	2.0	4.5		15.0	272	
Zinc	64.27						27.8			11.1	37.9	173	80
Radiological (pCi/L)													
Gross Alpha	15			1.07 J		1.25 J	7.32 J	3.03 J		5.33	13.7 J	27.1 J	11.0
Gross Beta	50	1.52	2.21	1.34			6.06	3.69	1.19	2.39	7.53	11.5	7.43

Notes:

Screening criteria are identified in Appendix A (Table A-1).

"J" qualifier on analytical data indicates an estimated value.

No entry indicates chemical not detected.

Only chemicals detected in at least one sample are shown.

Shaded entry indicates chemical detected at a concentration exceeding screening criterion.

The complete list of samples and analytical results is presented in Appendix A of this report.

[a] "D" in sample location indicates a duplicate sample.

[b] Not analyzed for PCBs.

[c] Total petroleum hydrocarbons

[d] Chromium (III)

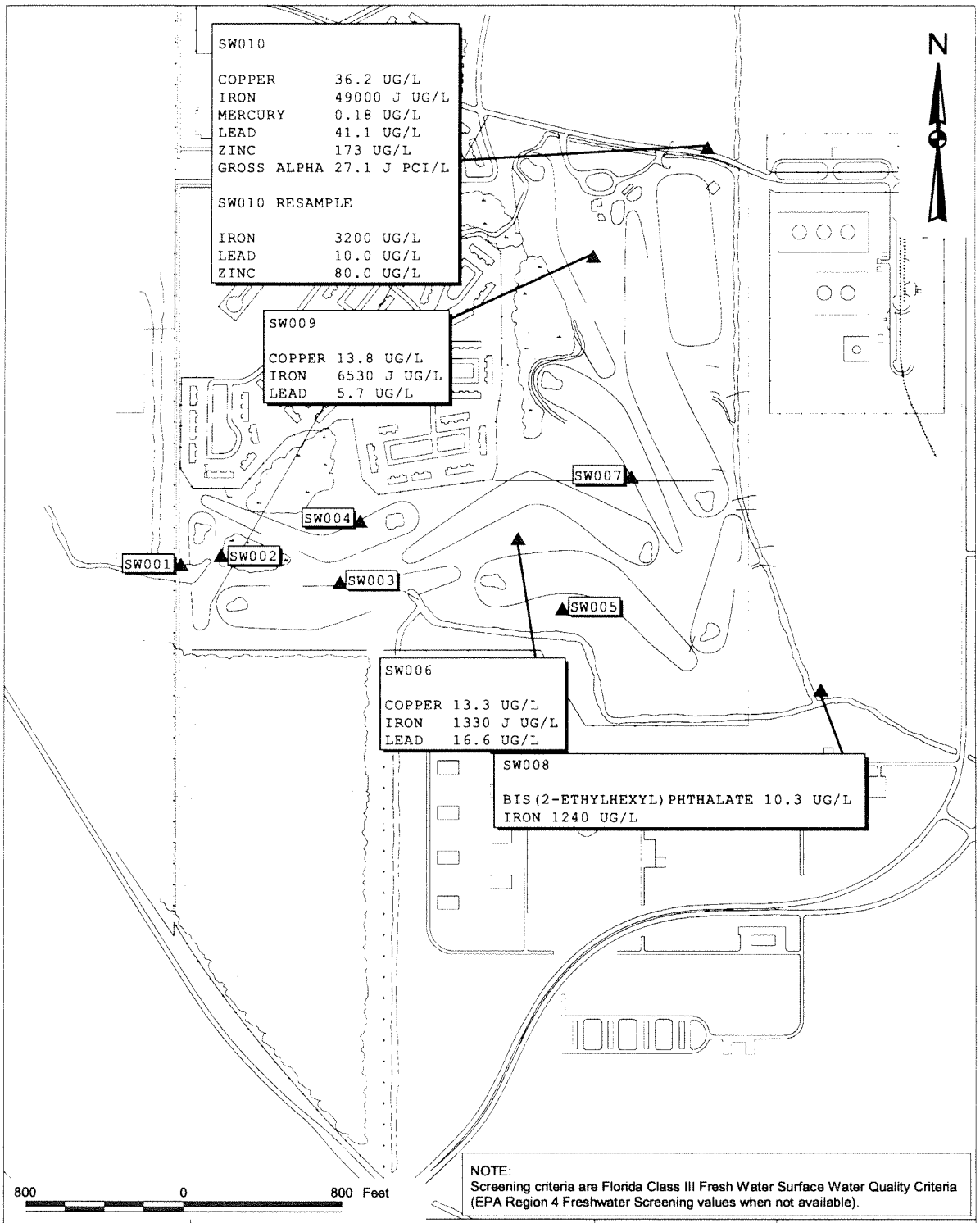
above its screening criterion in the confirmation sample; therefore, isotopic analysis for specific radionuclides was not performed.

Figure 5-1 presents the concentrations of analytes detected above screening criteria. Bis(2-ethylhexyl)phthalate was detected in the sample from SW008 at approximately 3.4 times the screening value. This location is downstream of the golf course. Bis(2-ethylhexyl)phthalate is a common laboratory contaminant, and it was not found in any of the other surface water samples. Therefore, this low-level detection should be viewed with caution. Copper was found in the samples from SW006, SW009, and SW010 at concentrations ranging from approximately 1.9 to 5.1 times the screening value (maximum at SW010). Iron was detected in the samples from SW006, SW009, and SW010 at concentrations ranging from approximately 1.3 to 49 times the screening value (maximum at SW010). Lead was found in the samples from SW006, SW009, and SW010 at concentrations ranging from approximately 3.8 to 11 times the screening value (maximum at SW010). Mercury and zinc were detected in the sample from SW010 at concentrations of approximately 15 and 2.7 times the screening values, respectively. The detections of metals exceeding screening criteria in the sample from SW006 appear to be associated with the indications of landfilling activities based on the magnetic survey (see Figure 3-1). The detections above screening criteria in the sample from SW009 do not appear to be directly associated with landfill materials indicated by the magnetic data, but it is possible that the area of magnetic activity south of SW009 is the source. The sample containing the most metals and the highest concentrations above screening criteria (SW010) was collected at the northeastern corner of the site (Figure 5-1). Although the cultural features in this area (e.g., buildings, maintenance equipment, fences) make the interpretation of the magnetic data difficult, interviews with older golfers indicate that landfilling activities were performed in this area in the past.

5.2 SEDIMENT SAMPLING RESULTS

Ten sediment samples, plus one field duplicate, were collected at the same locations from which surface water samples were collected (see Figure 2-3). Samples were analyzed for TAL metals; TCL organics including pesticides, herbicides, and for 10 percent of the samples, PCBs; TPH; and gross alpha and gross beta. Dioxin analysis was to be performed only if PCBs were detected. No PCBs were detected, so dioxins were not analyzed for. Specific radionuclide isotopic analyses were to be performed if gross alpha or gross beta was detected at levels above 5 picocuries per gram or 15 picocuries per gram, respectively (40 CFR 141). Neither gross alpha nor gross beta was detected above its screening level, so isotopic analysis was not performed. TOC and cation exchange capacity were also obtained for risk and treatability evaluations.

Data were validated according to established procedures as detailed in Appendix A.



DRAWN BY D. PERRY / DATE 19-FEB-98	Brown & Root Environmental	CONTRACT NUMBER N62467-94-D-0888	OWNER No. —
CHECKED BY / DATE	FIGURE 5-1 CONCENTRATIONS ABOVE SURFACE WATER SCREENING CRITERIA MCCOY ANNEX LANDFILL NTC ORLANDO ORLANDO, FLORIDA	APPROVED BY — / DATE —	
COST/SCHEDULE-AREA		APPROVED BY — / DATE —	
SCALE AS NOTED		DRAWING No. —	REV 0

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Six organic chemicals (benzene, ethylbenzene, xylene, alpha-chlordane, gamma-chlordane, and heptachlor) were detected in at least one sample (Table 5-2). Several inorganic analytes were found in the samples.

Only chemicals that were detected in at least one sample are presented on the summary table.

The detected chemicals were compared to Florida Sediment Evaluation Values (FSEVs) or EPA Region 4 Sediment Screening Values (SSVs). There is no FSEV for antimony, so the SSV was used. The list of screening criteria is presented in Appendix A (Table A-2). Detected analytes that exceeded these screening criteria are shaded in Table 5-2. Aluminum, calcium, iron, magnesium, potassium, and sodium are abundant in natural soils, have a low toxicity to humans, and have no FSEVs or SSVs. Therefore, these metals will not be discussed further in this section.

There are no screening criteria for benzene (detected in one sample), ethylbenzene (detected in one sample), xylene (detected in one sample), barium (detected in all samples), cobalt (detected in one sample), manganese (detected in six samples), selenium (detected in three samples), vanadium (detected in all samples), or heptachlor (detected in one sample). Alpha-chlordane and gamma-chlordane were detected above screening criteria in one sample (SD010). No other chemicals were detected above screening criteria (Table 5-2).

Sample location SD010 is coincident with surface water sample location SW010 (see Figures 2-3 and 5-1). Alpha-chlordane was found in the sample from SD010 at a concentration just above the screening criterion. Gamma-chlordane was found in this sample at approximately two times the screening level. As discussed in Section 5.1, although cultural features in this area make interpretation of the magnetic results difficult, personal interviews indicate that landfilling activities did occur in this area in the past.

5.3 SURFACE SOIL SAMPLING RESULTS

During the first phase of the RI fieldwork, investigators collected 116 surface soil samples and 12 field duplicate samples (see Figure 2-4). Samples were analyzed for TAL metals; TCL organics including pesticides, herbicides, and for 10 percent of the samples, PCBs; TPH; and gross alpha and gross beta. Dioxin analysis was to be performed only if PCBs were detected. PCBs were detected in one sample and its duplicate (H5 and H5-D), so dioxin analyses were performed for these samples. Specific radionuclide isotopic analyses were to be performed if gross alpha or gross beta was detected at a level above 5 picocuries per gram or 15 picocuries per gram, respectively (40 CFR 141). Neither gross alpha nor gross beta was detected above its screening level, so isotopic analysis was not performed. TOC and cation exchange capacity were also obtained for risk and treatability evaluations.

TABLE 5-2

SEDIMENT—DETECTED ORGANICS AND INORGANICS
OPERABLE UNIT 2
NTC, ORLANDO
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SAMPLE LOCATION[a][b]	SCREENING CRITERION	SD001	SD002	SD003	SD004	SD005	SD006	SD006-D	SD007	SD008	SD009	SD010
Volatiles (µg/kg)												
Benzene										4.1		
Ethybenzene										4.2		
Xylenes (Total)										5.9		
Semivolatiles mg/kg)												
Pesticides/PCBs (µg/kg)		[c]	[c]	[c]	[c]	[c]			[c]	[c]	[c]	[c]
Alpha-Chlordane	2.26											2.5
Gamma-Chlordane	2.26											4.4
Heptachlor												1.3
Herbicides (mg/kg)												
TPH[d] (mg/kg)												
Metals (mg/kg)												
Aluminum		409 J	852 J	233 J	788 J	3640 J	4010 J	1310 J	2460 J	2800	1230 J	1230 J
Arsenic	7.24				0.82		0.58				0.07	
Barium		2.2	5.3	4.1	1.7	12.8	19.2	6.8	11.8	10.8	2.1	5.4
Calcium		186	210	42.6	92.7	175	530	408	467	188	73.8	227
Chromium	52.3	0.76	1.2	0.63	1.8	4.3	5.9	2.0	3.5	2.2	1.6	1.6
Cobalt											0.29	
Copper	18.7	0.71	0.48	0.34	0.82	2.1	0.74	1.6	0.79	0.74	0.60	1.1
Iron		137	307	37.1	1750	177	234	191	161	266	594	241
Lead	30.2	1.2	1.2	1.2	1.2	5.4	2.8	2.5	4.8	2.9	0.86	2.1
Magnesium			68.6				99.3	47.8	66.6	62.8		
Manganese		0.58	0.74				2.5	1.5	1.6	0.84		1.1
Nickel	15.9		0.24		0.32	0.57	0.48		0.40	1.1	0.47	0.31
Potassium		20.8	28.9	13.2	26.2	48.3	69.2	29.4	28.4	45.9	20.0	20.5
Selenium						1.0	0.81			0.52		0.66
Vanadium		0.64	1.2	0.30	7.4	3.5	2.2	1.0	1.5	2.8	2.9	24.9
Zinc	124	2.7			27.8					1.7		1.7
Radiological (pCi/g)												
Gross Alpha	5	0.495	1.34	0.186	0.201	2.22	0.940	1.30	2.58	1.49	1.23	0.735
Gross Beta	15		0.655 J			1.33 J	0.346 J	0.762 J	1.68 J	0.679	0.543 J	0.319 J

Notes:

Screening criteria are identified in Appendix A (Table A-2).

"J" qualifier on analytical data indicates an estimated value.

No entry indicates chemical not detected.

Only chemicals detected in at least one sample are shown.

Shaded entry indicates chemical detected at a concentration exceeding screening criterion.

The complete list of samples and analytical results is presented in Appendix A of this report.

[a] Sediment samples collected at corresponding surface water locations as shown on Figure 2-3 (e.g., SD01 and SW01 have same sample location).

[b] "D" in sample location indicates a duplicate sample.

[c] Not analyzed for PCBs.

[d] Total petroleum hydrocarbons

Data were validated according to established procedures as detailed in Appendix A.

Seven VOCs, 12 SVOCs, 12 pesticides, one PCB (Aroclor-1254), one dioxin, one herbicide, and TPH were detected in at least one surface soil sample (Tables 5-3 and 5-4). Several inorganic analytes were found in the samples. Only chemicals that were detected in at least one sample are presented on the summary table. The detected chemicals were compared to Soil Cleanup Goals for Florida (SCGFs) or EPA Region 3 risk-based concentrations (RBCs). There are no Florida values for Aroclor-1254, Endosulfin, or iron, so the RBC values were used. The list of screening criteria is presented in Appendix A (Table A-3). The screening criteria represent three exposure scenarios: residential, industrial, and leaching. Detected analytes that exceeded these screening criteria are indicated in Tables 5-3 and 5-4. Calcium, magnesium, potassium, and sodium (Table 5-4) are abundant in natural soils, have a low toxicity to humans, and have neither SCGF nor RBC values. Therefore, these metals will not be discussed further in this section. There are no screening criteria for octa-chlorodibenzodioxin (OCDD) (detected in one sample), endrin ketone (detected in two samples), or thallium (detected in one sample). In order to establish an RBC screening level for OCDD, the toxicity equivalence factor of 0.001 for OCDD relative to 2,3,7,8-tetrachlorodibenzodioxin was used to determine the appropriate industrial and residential screening criteria. Upon comparison of the OCDD concentrations reported in samples to the calculated industrial and residential screening criteria for OCDD, it is noted that the concentration of OCDD falls below both the industrial and residential screening values.

Chemicals detected in surface soils were compared to residential screening criteria. Detected analytes that exceeded the residential screening values are shaded in Tables 5-3 and 5-4. Arsenic, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and ideno(1,2,3-cd)pyrene were detected above residential screening criteria in at least one sample. Arsenic was found above the screening criterion most frequently (67 samples). The sample collected at location S91 (see Figure 2-4) contained only two chemicals above the residential screening criteria, but its duplicate contained all six chemicals found above the residential screening criteria. The sample from location H15 contained five of the chemicals above residential criteria.

Figure 5-2 (located at the back of this report) presents the concentrations of analytes detected above residential screening criteria. Arsenic was found above the screening criterion in concentrations ranging from approximately 1.05 to six times the residential screening value. The maximum concentration was found at sample location S133. Arsenic was found in samples distributed all over the golf course. However, arsenic was found above the screening criterion in only one sample in the wooded area south of the golf course. This areal distribution suggests that some activity associated with the golf course is the cause of the elevated

TABLE 5-3

SURFACE SOIL—DETECTED ORGANICS
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SAMPLE LOCATION[a]	S10	S10-D	S11	S12	S20	S21	S22	S30	S31	S32	S40	S41	S50	S51	S52	S60	S61
Volatiles (µg/kg)																	
Acetone										18500 J*					99 J		
Carbon Disulfide																	
Chloromethane																	
Methylene Chloride																	
Tetrachloroethene																	
Toluene					7.4												
Xylenes, Total					7.8												
Semivolatiles (µg/kg)																	
Anthracene																	
Benzo(A)Anthracene																	
Benzo(A)Pyrene												142		227	112		
Benzo(B)Fluoranthene																	
Benzo(G,H,I)Perylene																	
Benzo(K)Fluoranthene																	
Chrysene																	
Dibenzo(A,H)Anthracene																	
Fluoranthene																	
Indeno(1,2,3-CD)Pyrene																	
Phenanthrene																	
Pyrene																	
Pesticides/PCBs (µg/kg)																	
4,4'-DDD								5.3									
4,4'-DDE					5.2		4.4	41			2.9		3.5	13		14	
4,4'-DDT														9.8		9.0	
Alpha-Chlordane														1.3			
Aroclor-1254	(b)		(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Dieldrin																	
Endosulfan II														2.2			
Endrin																	
Endrin Ketone																	
Gamma-Chlordane														1.3			
Heptachlor												1.4		1.1			
Heptachlor Epoxide																	
Methoxychlor																	
Herbicides (µg/kg)																	
Pentachlorophenol																	
TPH[c] (mg/kg)																	
Diesel - Range Organics	8.34		9.97 J	12.7	8.16 J			11.5	9.6			9.76		31.6	9.28 J		
Gasoline - Range Organics																	
Dioxins (µg/kg)																	
OCDD																	

Notes on last page of table.

TABLE 5-3

SURFACE SOIL—DETECTED ORGANICS
OPERABLE UNIT 2
NTC, ORLANDO
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SAMPLE LOCATION[a]	S62	S70	S71	S72	S80	S80-D	S81	S82	S83	S90	S91	S91-D	S92	S99	S100	S101	S102
Volatiles (µg/kg)																	
Acetone	212 J											4330 J*					
Carbon Disulfide																	
Chloromethane																	
Methylene Chloride																	
Tetrachloroethene													3.0				
Toluene			9.4 J							5.0							
Xylenes, Total			6.0 J														
Semivolatiles (µg/kg)																	
Anthracene																	
Benzo(A)Anthracene	1050 J			497 J				900 J				2620					1060
Benzo(A)Pyrene	1030 J	123		499 J				923 J			254	2370	286 J			285	982
Benzo(B)Fluoranthene	1090 J							676 J				2660					829
Benzo(G,H,I)Perylene	1390 J							876 J				1980					851
Benzo(K)Fluoranthene	586 J							755 J				1640					680
Chrysene	1130 J			517 J				919 J				2770					1080
Dibenzo(A,H)Anthracene	353 J			200 J				398 J				654				119	294
Fluoranthene	1670 J			789 J				1620 J			506	5970	692			513	1850
Indeno(1,2,3-CD)Pyrene	1170 J							810 J				1770					797
Phenanthrene	571 J											3230*					1420
Pyrene	1240 J			562 J				1110 J			404	4700	509 J			383	1370
Pesticides/PCBs (µg/kg)																	
4,4'-DDD																	
4,4'-DDE										2.2	1.6	1.7			2.4	9.7	1.6
4,4'-DDT															7.8	6.1	
Alpha-Chlordane										3.1	2.3	3.5			1.7	1.7	
Aroclor-1254	(b)	(b)	(b)	(b)			(b)	(b)	(b)	(b)			(b)	(b)	(b)	(b)	
Dieldrin																1.0	
Endosulfan II													4.5				
Endrin																	
Endrin Ketone																	
Gamma-Chlordane										3.0	2.4	2.0			1.9	2.2	
Heptachlor			1.4													1.2	
Heptachlor Epoxide																	
Methoxychlor																	
Herbicides (µg/kg)																	
Pentachlorophenol		4.5															
TPH[c] (mg/kg)																	
Diesel - Range Organics	43.6	10.5	17.7	22			8.74 J	12.9	25.9	8.5 J	8.87 J	11.7			7.45 J		24.3
Gasoline - Range Organics																	
Dioxins (µg/kg)																	
OCDD																	

Notes on last page of table.

TABLE 5-3

SURFACE SOIL—DETECTED ORGANICS
OPERABLE UNIT 2
NTC, ORLANDO
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SAMPLE LOCATION[a]	S102-D	S103	S104	S105	S108	S109	S110	S111	S112	S113	S114	S115	S116	S117	S118	S119	S120
Volatiles (µg/kg)																	
Acetone		397 J	123 J	17000*							26700*		51400*	28200*		130 J	
Carbon Disulfide																	
Chloromethane																	
Methylene Chloride																	
Tetrachloroethene																	
Toluene																	
Xylenes, Total																	
Semivolatiles (µg/kg)																	
Anthracene		339															
Benzo(A)Anthracene	465 J	1380															
Benzo(A)Pyrene	396	**2360 J**							125			105 J					
Benzo(B)Fluoranthene		937															
Benzo(G,H,I)Perylene	380	805															
Benzo(K)Fluoranthene		767															
Chrysene	486 J	1160															
Dibenzo(A,H)Anthracene	116	**560 J**															
Fluoranthene	852 J	3000 J							427			509 J					
Indeno(1,2,3-CD)Pyrene		753															
Phenanthrene	456	1380															
Pyrene	589 J	2080 J															
Pesticides/PCBs (µg/kg)																	
4,4'-DDD																	
4,4'-DDE	2.0	22 J						4.0				1.8 J					
4,4'-DDT																	
Alpha-Chlordane																	
Aroclor-1254		(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Dieldrin																	
Endosulfan II																	
Endrin																	
Endrin Ketone		19 J															
Gamma-Chlordane												1.9 J					
Heptachlor																	
Heptachlor Epoxide																	
Methoxychlor																	
Herbicides (µg/kg)																	
Pentachlorophenol																	
TPH[c] (mg/kg)																	
Diesel - Range Organics	52.5	66.8	38.1					10.1									23.0
Gasoline - Range Organics																	
Dioxins (µg/kg)																	
OCDD																	

Notes on last page of table.

TABLE 5-3

SURFACE SOIL—DETECTED ORGANICS
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SAMPLE LOCATION[a]	S121	S122	S123	S124	S124-D	S125	S126	S127	S128	S129	S130	S131	S132	S133	S134	S135	S137
Volatiles (µg/kg)																	
Acetone		7620 J*															
Carbon Disulfide																	
Chloromethane																	
Methylene Chloride	12.6 J*																
Tetrachloroethene																	
Toluene					9.6 J												
Xylenes, Total					7.4 J												
Semivolatiles (µg/kg)																	
Anthracene																	
Benzo(A)Anthracene																	
Benzo(A)Pyrene							48 J										
Benzo(B)Fluoranthene																	
Benzo(G,H,I)Perylene																	
Benzo(K)Fluoranthene																	
Chrysene																	
Dibenzo(A,H)Anthracene																	
Fluoranthene																	
Indeno(1,2,3-CD)Pyrene																	
Phenanthrene																	
Pyrene																	
Pesticides/PCBs (µg/kg)																	
4,4'-DDD																	
4,4'-DDE		3.4	1.3 J							4.5 J							
4,4'-DDT									9.1 J								
Alpha-Chlordane																	
Aroclor-1254	(b)	(b)	(b)			(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	
Dieldrin																	
Endosulfan II																	
Endrin																	
Endrin Ketone																	
Gamma-Chlordane																	
Heptachlor		1.2										1.6				1.1 J	
Heptachlor Epoxide																	
Methoxychlor																	
Herbicides (µg/kg)																	
Pentachlorophenol																	
TPH[c] (mg/kg)																	
Diesel - Range Organics						10.5	10.4				8.09 J	9.48 J				47.8	
Gasoline - Range Organics																	
Dioxins (µg/kg)																	
OCDD																	

Notes on last page of table.

TABLE 5-3

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SAMPLE LOCATION[a]	S137-D	S138	S139	S140	S151	S151-D	S152	S153	S154	S155	S156	S157	S158	S159	S160	H1	H2
Volatiles (µg/kg)																	
Acetone																	
Carbon Disulfide																	
Chloromethane																	
Methylene Chloride																	
Tetrachloroethene																	
Toluene																8.7 J	
Xylenes, Total																	
Semivolatiles (µg/kg)																	
Anthracene																	
Benzo(A)Anthracene																	
Benzo(A)Pyrene																	
Benzo(B)Fluoranthene																	
Benzo(G,H,I)Perylene																	
Benzo(K)Fluoranthene																	
Chrysene																	
Dibenzo(A,H)Anthracene																	
Fluoranthene																	
Indeno(1,2,3-CD)Pyrene																	
Phenanthrene																	
Pyrene																	
Pesticides/PCBs (µg/kg)																	
4,4'-DDD																	2.2
4,4'-DDE								2.1 J			3.0	3.1 J					2.2
4,4'-DDT																	
Alpha-Chlordane																	5.0
Aroclor-1254		(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Dieldrin										3.0							
Endosulfan II																	
Endrin																	4.4
Endrin Ketone																	
Gamma-Chlordane																	3.9
Heptachlor	3.0																
Heptachlor Epoxide																	
Methoxychlor																	
Herbicides (µg/kg)																	
Pentachlorophenol																	
TPH[c] (mg/kg)																	
Diesel - Range Organics							9.92					9.66		30.7		11.1	
Gasoline - Range Organics																	
Dioxins (µg/kg)																	
OCDD																	

Notes on last page of table.

TABLE 5-3

SURFACE SOIL—DETECTED ORGANICS
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SAMPLE LOCATION[a]	H3	H4	H5	H5-D	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H15-D	H16	H17
Volatiles (µg/kg)																	
Acetone																	
Carbon Disulfide																	
Chloromethane																	
Methylene Chloride																	
Tetrachloroethene																	
Toluene																	
Xylenes, Total																	
Semivolatiles (µg/kg)																	
Anthracene															716		
Benzo(A)Anthracene														5750	1600		
Benzo(A)Pyrene							166		100			197 J		5500*	1490 J		
Benzo(B)Fluoranthene														4410	1220 J		
Benzo(G,H,I)Perylene														4420	1100 J		
Benzo(K)Fluoranthene														2600	802 J		
Chrysene														6680	1730		
Dibenzo(A,H)Anthracene												152 J		1580	392 J		
Fluoranthene												792		22300	3740		
Indeno(1,2,3-CD)Pyrene														3930	1060 J		
Phenanthrene												532		11400*	2890*		
Pyrene												579 J		14700	2700		
Pesticides/PCBs (µg/kg)																	
4,4'-DDD						23							2.7				
4,4'-DDE						39.4									5.2		
4,4'-DDT						234											
Alpha-Chlordane						36			60 J								
Aroclor-1254	(b)	(b)	39	22	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)			(b)	(b)
Dieldrin								4.1	9.0 J								
Endosulfan II																	
Endrin																	
Endrin Ketone																	
Gamma-Chlordane						46			66 J			2.3					
Heptachlor						4.2									2.8		
Heptachlor Epoxide									6.3 J								
Methoxychlor																	
Herbicides (µg/kg)																	
Pentachlorophenol									13.5*					2.5			
TPH[c] (mg/kg)																	
Diesel - Range Organics			11.1			11			11.5	24.3		13.4		32.1	52.9		
Gasoline - Range Organics																	
Dioxins (µg/kg)																	
OCDD			0.18J	0.13J													

Notes on last page of table.

TABLE 5-3

SURFACE SOIL—DETECTED ORGANICS
OPERABLE UNIT 2
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SAMPLE LOCATION[a]	H18	H19	H20	H21	H22	H23	H24	H25	H25-D	H26	H27	H28	H29	H30	H31	H32	H33
Volatiles (µg/kg)																	
Acetone							24 J										
Carbon Disulfide							3.6 J										
Chloromethane					7.4												
Methylene Chloride																	
Tetrachloroethene																	
Toluene					4.5												4.0
Xylenes, Total																	
Semivolatiles (µg/kg)																	
Anthracene												515					
Benzo(A)Anthracene												1730	603				
Benzo(A)Pyrene					127	311						1780	565			403	
Benzo(B)Fluoranthene												1280	505				
Benzo(G,H,I)Perylene												1240	420				
Benzo(K)Fluoranthene												1080	399				
Chrysene												1800	717				
Dibenzo(A,H)Anthracene						194						769	262			248	
Fluoranthene						527						5380	1560			1200	
Indeno(1,2,3-CD)Pyrene												1210	417				
Phenanthrene												2040	994			734	
Pyrene						430						3740	991			793	
Pesticides/PCBs (µg/kg)																	
4,4'-DDD					13							18				3.0	
4,4'-DDE					8.6							26	3.9			1.8	1.9
4,4'-DDT					188							47				21	
Alpha-Chlordane					14							20				2.3	15
Aroclor-1254	(b)	(b)	(b)	(b)	(b)	(b)	(b)		(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Dieldrin																	
Endosulfan II																	
Endrin																	
Endrin Ketone												7.5					
Gamma-Chlordane					12							19				3.0	13
Heptachlor	1.8														2.7		
Heptachlor Epoxide												1.4					
Methoxychlor												27					
Herbicides (µg/kg)																	
Pentachlorophenol																	
TPH[c] (mg/kg)																	
Diesel - Range Organics	9.59					13.0	12.2		7.26 J			35.7	19.0		14.2	27.7	10.1
Gasoline - Range Organics																	
Dioxins (µg/kg)																	
OCDD																	

Notes on last page of table.

TABLE 5-3

SURFACE SOIL—DETECTED ORGANICS
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SAMPLE LOCATION[a]	H34	H35	H35-D	H36	H37	H38	H39	H40
Volatiles (µg/kg)								
Acetone		1560*	33	39.5 J				
Carbon Disulfide								
Chloromethane								
Methylene Chloride					3.6		4.4	
Tetrachloroethene								
Toluene	3.8	4.8			10.4		3.8	
Xylenes, Total	2.2	3.7			5.7		2.8	
Semivolatiles (µg/kg)								
Anthracene								
Benzo(A)Anthracene								
Benzo(A)Pyrene	166							
Benzo(B)Fluoranthene								
Benzo(G,H,I)Perylene								
Benzo(K)Fluoranthene								
Chrysene								
Dibenzo(A,H)Anthracene	89.9							
Fluoranthene	416							
Indeno(1,2,3-CD)Pyrene								
Phenanthrene								
Pyrene								
Pesticides/PCBs (µg/kg)								
4,4'-DDD								
4,4'-DDE	6.3							
4,4'-DDT	4.8							
Alpha-Chlordane	2.7							
Aroclor-1254	(b)			(b)	(b)	(b)	(b)	(b)
Dieldrin								
Endosulfan II								
Endrin								
Endrin Ketone								
Gamma-Chlordane	4.7							
Heptachlor								
Heptachlor Epoxide								
Methoxychlor								
Herbicides (µg/kg)								
Pentachlorophenol								
TPH[c] (mg/kg)								
Diesel - Range Organics	11.1	43.1	11.5	36.2		11.9	12.9	
Gasoline - Range Organics		0.128						
Dioxins (µg/kg)								
OCDD								

Notes:

"J" qualifier on analytical data indicates an estimated value.

No entry indicates chemical not detected.

Only chemicals detected in at least one sample are shown.

The complete list of samples, analytical results, and screening criteria (Table A-3) is presented in Appendix A of this report.

Shaded entry indicates chemical detected at a concentration exceeding residential screening criterion.

Bold entry indicates chemical detected at a concentration exceeding industrial screening criterion.

Entry with an asterisk (*) indicates chemical detected at a concentration exceeding leaching screening criterion.

[a] "D" in sample location indicates a duplicate sample.

[b] Not analyzed for PCBs.

[c] Total petroleum hydrocarbons

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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SAMPLE LOCATION[a]	S10	S10-D	S11	S12	S20	S21	S22	S30	S31	S32	S40	S41	S50
Metals (mg/kg)													
Aluminum	2980	2080	3430	1210	3510	2030	2800	4340	2760	1560	3590	1970	3380
Arsenic	0.98	0.65		1.3	2.5	3.8	2.1	2.5	2.4	0.61	2.3	3.8	3.2
Barium			10.0	3.8			7.3	13.3	13.7	5.0	15.9		16.7
Cadmium							0.23	0.13		0.16			
Calcium	668	670	773	431	553	472	684	1460	480	536	825	620	942
Chromium	3.9	2.6	3.9	2.4	3.5	2.5	4.8	4.7	3.3	2.5	4.3	2.9	4.0
Cobalt			0.24				0.27	0.26	0.23			0.25	0.21
Copper	0.78	0.77	1.2		0.82	1.2	4.5	4.6	1.7		1.0	1.8	1.4
Iron	538	467	837	694 J	589	878	955 J	1130	1220	1240 J	374	1020	836
Lead	4.3	3.3	5.6	2.4	3.7	3.9	13.5	6.5	4.7	9.2	4.1	4.6	5.0
Magnesium	83.1	75.4	84.5	37.1	67.0	52.4	54.9	127	63.7	39.9	116	59.4	113
Manganese	2.3	2.1	4.1	2.2	4.4	3.5	6.9	7.6	2.5	4.2	2.7	4.3	4.7
Mercury	0.10												
Nickel	0.96	0.68	1.7	0.57	1.4	1.2	1.4	1.9	2.3	0.88	0.77	0.96	1.1
Potassium	40.4	33.5	47.2	28.7	30.4	37.2	54.8	44.4	53.9	26.1	63.0	51.9	52.4
Selenium													
Silver													
Sodium													
Thallium													
Vanadium	2.2		4.8	1.9	3.5	2.8	3.0	4.7	4.2	2.2	3.1	2.6	4.3
Zinc			6.1			5.7	16.5	8.9	5.8	12.8		5.3	9.6
Radiological (pCi/g)													
Gross Alpha	1.61	0.855	2.33	0.785	1.63	0.936	1.10	1.95	2.37	0.669	2.01	1.27	1.81
Gross Beta	0.733	0.406	1.11		0.609	0.478	0.731	0.951	0.674	0.387	0.934	0.558	0.699

Notes on last page of table.

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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SAMPLE LOCATION[a]	S51	S52	S60	S61	S62	S70	S71	S72	S80	S80-D	S81	S82	S83
Metals (mg/kg)													
Aluminum	2720	2730	3880	2130	2650	4260	1670	2200	963	1090	2220	2060	2570
Arsenic	3.2	4.8	2.1	0.93	3.9	1.3	1.2	1.7	3.3	3.4		1.9	1.8
Barium	9.6	13.7	13.7		10.3			5.6			12.2	10.6	6.9
Cadmium						0.07			0.06				
Calcium	2980	564	868	2450	1370	656	666	3650	796	1160	12700	1680	946 J
Chromium	3.2	3.1	3.9	2.8	4.0	4.4	2.1	3.0	3.5	6.5	3.3	2.9	3.4
Cobalt						0.25							
Copper	2.5		1.6	2.0		1.5	1.6	2.4	2.3	3.0	2.7	3.0	
Iron	869	491 J	770	462	831 J	884	293	396 J	266	342	294	246 J	254 J
Lead	5.3	3.4	4.9	4.9	7.1	5.1	4.4	6.4	3.1	3.5	7.8	5.7	3.5 J
Magnesium	99.9	74.4	144	76.6	55.2	95.7	73.7	72.3	51.3	66.3	49.1	113	75.1
Manganese	6.4	4.5	3.9	5.3	8.0	3.5	2.3	3.7	17.1	21.2	3.2	4.8	3.0
Mercury									0.13				
Nickel	1.2	0.94	1.3	0.73	0.80	1.7	0.51	0.73	0.35	0.64	0.56	0.62	0.49
Potassium	47.8	43.9	61.8	40.0	41.4	35.0	43.9	30.3	15.3	18.1	28.2	43.8	49.8
Selenium													0.50
Silver									0.47	0.41	0.55	0.34	
Sodium											128		
Thallium													
Vanadium	3.0	2.3	4.3	1.9	2.8	5.8	1.1	1.7			1.5	1.6	1.7
Zinc	5.6			6.2	4.5	8.3		6.5	6.7	6.5	8.7	5.1	
Radiological (pCi/g)													
Gross Alpha	1.56	0.825	1.73	1.41	1.75	2.80	1.14	1.19	0.901	0.922	2.16	1.17	1.22
Gross Beta	0.501	0.669	0.830	0.840	0.852	1.53	0.599	0.804	0.360	0.483	0.549	0.512	0.516

Notes on last page of table.

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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SAMPLE LOCATION[a]	S90	S91	S91-D	S92	S99	S100	S101	S102	S102-D	S103	S104	S105	S108
Metals (mg/kg)													
Aluminum	3350	893	1030	938	2530	3680	2040	2070	1360	1410	2890	2680	2410
Arsenic	2.2	0.93	0.89		2.6	0.51	1.3	1.2	0.86	0.87		3.2	2.5
Barium	12.9			5.7	3.0	14.0	9.6	13.6	8.0	4.4	1.9	2.7	3.6
Cadmium									0.08				
Calcium	1340	529	601	593	682 J	1020	1110	860	686	1050 J	214 J	822 J	518 J
Chromium	4.0	2.9	3.8	2.2	3.3	4.3	3.8	3.7	2.4	2.1	3.1	3.4	3.0
Cobalt													
Copper	2.4	2.8	3.7			1.6	2.3	6.8	5.0	2.5			
Iron	291	117	140	252 J	486 J	335	294	616 J	321 J	346 J	330 J	323 J	282 J
Lead	9.5	11.2	13.1	6.5	1.7 J	6.5	9.4	4.9	4.1	4.4 J	2.6 J	2.3 J	1.7 J
Magnesium	165	41.1	45.5	43.6	59.8	112	84.1	107	65.9	63.3	27.6	62.1	47.2
Manganese	7.3	1.0	1.3	3.0	2.4	2.9	3.9	3.5	2.4	4.0	1.1	4.6	2.2
Mercury							0.09	0.10					
Nickel	0.71	0.30	0.31	0.38	0.63	0.91	0.95	1.0	0.60	0.49	0.81	0.70	0.72
Potassium	46.7	20.4	24.5	17.7	42.5	39.6	35.4	46.3	30.7	18.1	12.8	27.7	43.3
Selenium	0.43	0.41							0.48				
Silver							0.26	0.79	0.83				
Sodium													
Thallium													
Vanadium	2.1	0.72	0.97	0.62	3.1	2.3	1.3	2.1	1.2	0.96	1.8	1.9	1.8
Zinc	9.7	5.9	6.9	6.9		5.8	9.0	6.4	6.6	4.4			
Radiological (pCi/g)													
Gross Alpha	2.13	1.28	0.506	0.670	1.36	2.74	0.170	1.14	0.905	0.933	1.60	0.937	0.903
Gross Beta	1.13			0.196	0.701 J	1.21		0.573	0.479	0.485 J	0.640 J	0.339 J	0.586 J

Notes on last page of table.

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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NTC, ORLANDO
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SAMPLE LOCATION[a]	S109	S110	S111	S112	S113	S114	S115	S116	S117	S118	S119	S120	S121
Metals (mg/kg)													
Aluminum	980	4980	3050	1630	1780	2900	2410	1690	1120	1340	1540	3340	1360
Arsenic		3.2	1.5	2.8		1.2	3.8	1.6			0.86	1.1	2.1
Barium	3.0	21.5	17.8	5.5	3.0	6.2	7.5	3.8	2.7	3.3	3.2		
Cadmium													
Calcium	718 J	1850	760	858	372 J	3140 J	4440 J	980 J	3110 J	2490 J	852 J	879	1470
Chromium	3.5	6.4	5.5	2.6	3.3	3.6	3.3	2.5	1.6	2.2	2.4	3.9	2.5
Cobalt													
Copper		1.9	3.5	2.7								1.3	2.0
Iron	313 J	398	492	132 J	167 J	361 J	277 J	164 J	201 J	265 J	322 J	1040	165
Lead	2.5 J	5.2	7.0	6.6	2.8 J	4.5 J	6.5 J	2.8 J	4.6 J	1.8 J	1.8 J	5.1	3.7
Magnesium	59.8	188	81.0	63.9		87.7	87.6	42.3	46.8	60.7	69.7	89.0	116
Manganese	3.5	7.1	3.3	4.0	0.60	2.4	5.1	2.7	4.2	1.7	3.0	2.7	14.3
Mercury													
Nickel		0.93	0.96	0.34		0.63	0.61	0.47	0.34	0.41	0.44	0.93	0.36
Potassium	25.3	66.9	41.3	43.0		30.5	35.6	29.4	17.7	18.9	28.2	29.1	33.4
Selenium	0.53					0.47	0.45						
Silver				0.37		0.24							
Sodium													
Thallium													
Vanadium	0.87	2.8	2.5	0.59	1.2	1.8	2.0	1.2	0.93	1.8	1.5	3.3	0.68
Zinc												6.8	5.4
Radiological (pCi/g)													
Gross Alpha	0.584	2.65	2.80	1.19	0.808	0.912	1.61	0.632	0.641	1.16	0.556	1.13	0.687
Gross Beta	0.335 J	1.31	1.31	0.394	0.482	0.794	0.796	0.429	0.364	0.631	0.469	0.819	0.315

Notes on last page of table.

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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SAMPLE LOCATION[a]	S122	S123	S124	S124-D	S125	S126	S127	S128	S129	S130	S131	S132	S133
Metals (mg/kg)													
Aluminum	928	1850	3400	3020	2740	1110	741	524	821	3540	1840	1680	1700
Arsenic	2.5	1.6	2.4	2.0	1.8	2.5	1.5	1.5	0.76	1.2	0.89	2.5	4.8
Barium	2.4	6.4	6.2	4.5	7.6	3.8	2.8	3.5	3.6	10.5		6.0	3.6
Cadmium	0.09											0.07	
Calcium	841	792 J	1430 J	1560 J	4130 J	16000 J	1040 J	8250 J	939 J	964	1720	794	731 J
Chromium	1.5	2.9	4.3	3.9	3.6	1.9				3.9	2.2	2.4	2.8
Cobalt													
Copper	3.0									1.3	1.4	4.1	
Iron	114 J	187 J	383 J	291 J	344 J	306 J	252 J	137 J	176 J	972	637	349 J	207 J
Lead	3.3	3.8 J	5.4 J	4.7 J	6.0 J	3.8 J	3.4 J	2.2 J	3.0 J	4.7	3.4	4.2	3.9 J
Magnesium	48.0	72.6	71.5	61.0	95.5	332	75.6	97.9	70.6	122	49.1	64.4	47.9
Manganese	2.7	1.6	2.7	3.2	3.9	10.2	2.8	3.9	3.3	4.0	2.8	3.5	5.9
Mercury												0.12	
Nickel		0.31	0.63	0.67	0.73	0.54				1.0	0.48	0.42	0.43
Potassium	27.7	37.9	47.2	34.6	28.6	40.7	25.2	40.7	29.5	46.1	27.8	38.8	32.5
Selenium						0.45							
Silver	0.24											0.53	
Sodium													
Thallium													
Vanadium		1.0	2.2	2.0	3.3	1.6	0.61	0.50	0.51	3.4	1.7	1.3	1.1
Zinc	8.2				4.5						6.3	7.7	5.8
Radiological (pCi/g)													
Gross Alpha	0.579	0.700	1.00	1.35	1.69	0.554	0.664	0.548	0.639	1.19	0.792	0.434	0.744
Gross Beta	0.265	0.403	0.380	0.698	1.22		0.599	0.339	0.558	0.765	0.449		0.377

Notes on last page of table.

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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SAMPLE LOCATION[a]	S134	S135	S137	S137-D	S138	S139	S140	S151	S151-D	S152	S153	S154	S155
Metals (mg/kg)													
Aluminum	1400	1650	1830	1450	815	3180	1690	4980	5090	1230	2170	2450	1240
Arsenic	1.3	1.2	0.92	0.58		1.4	1.2	2.5	3.3		0.73	1.9	0.78
Barium	2.0	3.2	2.9	2.4	2.4	4.2		18.7	14.8	3.6	6.3	4.7	4.2
Cadmium													
Calcium	811	452	730	1680	864	583	450	610 J	545 J	1790 J	12500 J	1060 J	4300
Chromium	1.4	1.8	2.3	2.0	1.4	4.2	2.1	6.0	5.8	2.5	3.6	3.6	2.3
Cobalt									0.22				
Copper							0.86			2.5	3.0	5.0	
Iron	219 J	258 J	622 J	576 J	298 J	925 J	431	584 J	734 J	312 J	458 J	362 J	552 J
Lead	2.5	2.6	2.4	1.7	2.3	1.6		3.0 J	3.7 J	11.6 J	3.7 J	2.2 J	5.3
Magnesium	71.0	42.5	63.7	59.2	55.9	63.2	60.6	79.0	83.0	58.5	143	68.0	86.7
Manganese	2.8	1.0	1.4	1.7	2.0	1.0	4.1	1.8	2.4	5.0	5.5	5.2	3.8
Mercury											0.22		
Nickel		0.47	0.54	0.28	0.26	0.93	5.4	1.2	1.4	0.34	0.65	0.68	0.47
Potassium	30.1	31.0	28.9	17.1	16.4	23.9	21.6	71.8	77.2	26.6	33.8	33.1	24.7
Selenium											0.47		
Silver											2.4		
Sodium													
Thallium													
Vanadium	0.62	1.6	2.2	2.0	1.3	5.7	2.2	6.3	6.6	0.81	2.2	2.2	2.7
Zinc											9.1		4.9
Radiological (pCi/g)													
Gross Alpha	0.460	0.601	0.695	0.697	0.509	0.995	0.981	2.57	2.72	0.720	1.19	1.06	0.826
Gross Beta		0.157		0.357	0.358	0.701	0.617	1.28 J	1.42	0.621 J	0.908	0.686	0.312

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TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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SAMPLE LOCATION[a]	S156	S157	S158	S159	S160	H1	H2	H3	H4	H5	H5-D	H6	H7
Metals (mg/kg)													
Aluminum	2700	3110	2930	1760	1280	2880	4660	6520	3870	2510	2880	614	2870
Arsenic	0.84	1.4			2.0			0.68	1.2	0.85	0.63		
Barium	6.5	8.7	5.4	10.5	4.6		9.7		11.5	10.1	11.4		
Cadmium													
Calcium	1230	3270 J	1840 J	1640 J	666 J	947	381	168	844	443	406	218	209
Chromium	3.5	4.8	2.8	1.9	5.7	3.4	4.6	5.4	4.6	3.2	3.4	0.93	3.0
Cobalt							0.20						
Copper		3.3	2.3	2.6	3.0	11.9	4.0	0.71				0.30	0.52
Iron	500 J	645 J	246 J	299 J	297 J	381	634	571	834 J	395 J	441 J	105	300
Lead	7.3	7.1 J	4.4 J	5.7 J	4.2 J	6.9	5.3	4.2	5.2	5.0	4.9	2.3	3.8
Magnesium	75.5	86.6	64.5	36.5	50.0	57.1	60.1	45.6	60.1	46.3	45.1		20.4
Manganese	5.1	8.9	2.6	2.7	35.5	2.3	2.0	0.78	4.3	2.2	2.0	0.58	2.1
Mercury		0.13											
Nickel	0.96	1.1	0.67	0.28	0.38	1.0	1.7	1.2	1.2	1.3	1.2		0.74
Potassium	30.3	43.0	28.8	15.3	34.6	27.3	33.4	20.5	36.8	40.5	39.8		15.0
Selenium		0.54					0.50						
Silver		1.9											
Sodium													
Thallium													
Vanadium	3.4	2.7	1.1	0.73	0.68	2.6	3.8	2.6	4.3	2.3	2.8	0.43	1.6
Zinc	7.7	9.6			4.7	6.2	6.8		5.3	4.4	4.0		
Radiological (pCi/g)													
Gross Alpha	0.741	2.09	0.806	1.51	1.28	1.03	1.32	1.45	1.18	1.11	0.937	0.625	1.06
Gross Beta	0.657	1.14	0.251	0.628 J	0.754 J	0.421	0.598	0.459	0.635	0.526	0.462	0.226	0.753

Notes on last page of table.

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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NTC, ORLANDO
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SAMPLE LOCATION[a]	H8	H9	H10	H11	H12	H13	H14	H15	H15-D	H16	H17	H18	H19
Metals (mg/kg)													
Aluminum	4070	3910	3400	200	1010	3590	4940	2520	2890	378	1260	2000	915
Arsenic			0.52										
Barium		4.3	8.2				177	7.3	7.3				
Cadmium													
Calcium	169	135	3160		199	116	209	467	411		262	225	1120
Chromium	3.8	4.4	3.6	0.49	1.5	3.3	4.9	3.3	4.0	0.94	1.7	3.0	1.7
Cobalt							0.33						
Copper	1.3				1.0	1.4	2.0	0.98	0.79	1.2	0.67	21.4	1.0
Iron	401	469 J	409 J	60.1	160	407	652	327	335	474	153	289	163
Lead	4.7	6.8	9.3	2.4	5.2	5.4	7.1	7.0	6.9	2.8	3.7	6.6	7.9
Magnesium	22.8		47.0		15.5	25.2	32.7	29.3	26.0	10.2	30.8	24.3	21.8
Manganese	1.3	1.6	2.9		1.6	2.1	3.8	7.7	4.8	2.0	1.5	3.5	1.8
Mercury													
Nickel	1.2	1.1	1.1		0.28	1.1	1.2	0.69	0.75		0.38	0.57	0.34
Potassium	16.5	15.0	19.5		11.2	14.9	13.3	16.1	19.6		16.5	12.0	10.8
Selenium	0.49						0.44						
Silver								0.27	0.23				
Sodium													
Thallium													
Vanadium	2.0	2.0	1.9	0.22	0.66	1.6	2.2	1.3	1.6	0.33	0.72	1.2	0.59
Zinc	21.6	4.8	6.0				45.8	5.2		11.9		7.2	
Radiological (pCi/g)													
Gross Alpha	1.50	1.48	1.84	0.171	0.445	1.18	1.45	1.53	0.940 J	0.229 J	0.483 J	0.835 J	0.492 J
Gross Beta		0.491	0.642		0.212	0.453	0.421	0.520	0.452		0.378	0.377	0.279

Notes on last page of table.

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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NTC, ORLANDO
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SAMPLE LOCATION[a]	H20	H21	H22	H23	H24	H25	H25-D	H26	H27	H28	H29	H30	H31
Metals (mg/kg)													
Aluminum	3490	585	2480	2640	1470	1380	899	300	1700	804	791	1490	1290
Arsenic				1.7									
Barium	26.2			12.0									
Cadmium			0.10	0.16								0.08	
Calcium	7470	121	351	1160	260	166	103	58.4	255	851	332	906	
Chromium	4.0	0.70	3.1	6.2	2.0	1.2	0.75	0.54	2.6	2.9	0.96	1.8	1.5
Cobalt	0.26												
Copper	11.3	0.42	0.83	3.4					0.30	0.93		0.93	
Iron	560	209	835	709	160	116	92.2	102	129	130	85.1	406	574
Lead	8.8	2.8	10.6	17.1	4.2	2.8			4.3	5.4		3.8	3.3
Magnesium	318			79.8	28.8					49.6	43.8	46.1	
Manganese	11.3	0.61	3.6	7.4	1.4	0.77			0.62	3.3	1.4	3.0	0.57
Mercury				0.15									
Nickel	3.7	0.24	0.64	0.86	0.54	0.36	0.47	0.35	0.53	0.45	0.24	0.58	0.29
Potassium	53.8			21.4	20.0						14.2	19.6	11.2
Selenium													
Silver													
Sodium													
Thallium													
Vanadium	1.9												
Zinc	21.5		10.4	24.6						11.3		6.8	
Radiological (pCi/g)													
Gross Alpha	1.41 J	0.271 J	0.680 J	1.29 J	0.370 J	0.282 J		0.280 J	0.433 J	0.853 J	0.423 J	1.40	0.542 J
Gross Beta	0.517		0.187	0.558	0.283			0.219	0.400	0.288	0.232	0.527	0.444

Notes on last page of table.

TABLE 5-4

SURFACE SOIL—DETECTED INORGANICS
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SAMPLE LOCATION[a]	H32	H33	H34	H35	H35-D	H36	H37	H38	H39	H40
Metals (mg/kg)										
Aluminum	761	873	515	998	956	1500	1390	548	230	58.4
Arsenic							0.54			
Barium										
Cadmium		0.10								
Calcium	2340	515	360	208	192	286		213	58.4	78.2
Chromium	1.6	1.9	2.6	1.3	1.2	1.8	2.0	1.0	0.73	0.21
Cobalt										
Copper	0.31	8.7	1.3			4.4				
Iron	217	116	439	92.5	84.0	600	718	101	23.1	19.7
Lead	6.8	7.0	9.4	3.0	3.0	12.3		2.6		
Magnesium	39.9	29.5				73.0				
Manganese	1.4	2.4	2.2	0.53		1.1	0.86			
Mercury			0.12							
Nickel	0.31	0.26	0.41	0.26		0.93	0.33	0.34		
Potassium			10.7			44.4				
Selenium						0.56				
Silver										
Sodium										
Thallium							0.45			
Vanadium	2.2									
Zinc		14.5	17.2							
Radiological (pCi/g)										
Gross Alpha	0.674 J	0.158 J	0.557 J	0.286 J		0.386	0.438	0.417	0.153	0.111
Gross Beta				0.215		0.581	0.211	0.257		0.469

Notes:

"J" qualifier on analytical data indicates an estimated value.

No entry indicates chemical not detected.

Only chemicals detected in at least one sample are shown.

The complete list of samples, analytical results, and screening criteria (Table A-3) is presented in Appendix A of this report.

Shaded entry indicates chemical detected at a concentration exceeding residential screening criterion.

Bold entry indicates chemical detected at a concentration exceeding industrial screening criterion.

Entry with an asterisk (*) indicates chemical detected at a concentration exceeding leaching screening criterion.

[a] "D" in sample location indicates a duplicate sample.

levels of arsenic. The application of pesticides and/or herbicides may be the source rather than the landfilled material.

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and ideno(1,2,3-cd)pyrene are classified as polynuclear aromatic hydrocarbons (PAHs). Benzo(a)anthracene was found above the screening criterion in samples from H15 and its duplicate, H28, and S91 at concentrations that range from approximately 1.1 to 4.1 times the residential screening value (maximum at H15). Benzo(a)pyrene was found above the screening criterion in 26 samples at concentrations ranging from approximately 1.05 to 55 times the residential screening value (maximum at H15). Benzo(b)fluoranthene was found above the screening criterion in the sample from H15 and the duplicate sample from S91 at concentrations ranging from approximately 1.9 to 3.2 times the residential screening value (maximum at H15). Dibenzo(a,h)anthracene was found above the screening criterion in 15 samples at concentrations ranging from approximately 1.2 to 16 times the residential screening value (maximum at H15). Ideno(1,2,3-cd)pyrene was found above the screening criterion in the sample from H15 and the duplicate sample from S91 at concentrations ranging from approximately 1.3 to 2.8 times the residential screening value (maximum at H15).

The distribution of the PAHs detected above residential screening levels indicates a probable connection with the landfilled material as indicated by the magnetic survey (see Figure 3-1). Benzo(a)pyrene was detected in the sample from location S115. This location is coincident with the western margin of an area with elevated magnetic field anomalies identified as probable landfill trenches. The PAHs found at concentrations above residential screening levels in samples from locations (from east to west) S112, S103, S102, S101, S92, S91, S82, S72, S70, S62, S52, S51, and S41 are generally associated with the magnetic anomalies in this area identified as probable landfill trenches. Similarly, the PAHs found above residential screening levels in the wooded area south of the golf course are also generally associated with an area of magnetic anomalies that probably indicates landfill material. The PAHs may be the result of the occasional burning of wastes in the trenches reported in the Initial Assessment Study conducted by C. C. Johnson & Associates (1985).

The thickness of the landfill cover does not appear to be related to the distribution of chemicals detected above residential screening criteria on the golf course. However, in the wooded area there is an extensive area where the cover thickness is less than 1 foot. Six of the nine sample locations containing PAHs at concentrations above the residential screening criteria are located within this area. The sample from location H15 (in one of the areas of minimum cover thickness) contained the highest concentrations of all of the PAHs detected above residential screening criteria.

Chemicals detected in surface soils were also compared to industrial screening criteria. Detected analytes that exceeded the industrial screening values are shown in bold type in Tables 5-3 and 5-4. Arsenic, benzo(a)anthracene, benzo(a)pyrene, and dibenzo(a,h)anthracene were detected above industrial screening criteria in at least one sample. Benzo(a)pyrene was found above screening criteria most frequently (in nine samples). The sample collected at location H15 (see Figure 2-4) contained the largest number of chemicals found above the industrial screening criteria (all three PAHs). This sample also contained the highest concentrations of all three PAHs.

The areas where arsenic was found above industrial screening criteria generally did not correspond to the areas where the PAHs were found. At only location S62 (see Figure 2-4) were both arsenic and a PAH found above the industrial criteria. However, the arsenic detections above industrial criteria (S21, S41, S52, S62, S115, and S133) do correlate with areas of probable landfill material based on the magnetic survey (see Figure 3-1). Arsenic was not detected above industrial criteria in any of the samples from the wooded area south of the golf course.

PAHs were found above industrial screening criteria in samples from locations S62, S82, S91 (duplicate only), S102, S103, H15 (and duplicate), H28, and H29. All of these sample locations except S103 are in areas of magnetic anomalies identified as probable landfill areas (see Figure 3-1). The soil cover thicknesses are variable at the locations.

Chemicals detected in surface soils were also compared to "leaching" screening criteria. Detected analytes that exceeded leaching screening criteria are indicated with an asterisk (*) in Tables 5-3 and 5-4. These values are related to the probability that a chemical will enter the groundwater due to leaching from the soil by infiltration of rainwater. More soluble chemicals generally have lower leaching screening criteria. Acetone, benzo(a)pyrene, methylene chloride, pentachlorophenol, and phenanthrene were detected above the leaching criteria in at least one surface soil sample. Acetone was found most frequently above its leaching criterion (eight samples). The only other chemical found above the leaching criterion in more than one sample was phenanthrene (three samples). The duplicate sample from location S91 contained the highest number of chemicals above leaching criteria (two compounds).

Acetone and methylene chloride are common laboratory artifacts. Each has a very high vapor pressure, so its persistence in temperate zone soils is usually brief. Their detection in McCoy Annex soils, therefore, is suspect.

The distribution of samples containing acetone above the leaching criterion does not correspond directly with the location of landfill materials as indicated by the magnetic survey (see Figure 3-1). S117 and S105 are not near magnetic anomalies identified as probable landfill material. Location S91 is at the margin of an area

identified as containing landfill material. The other samples are located near but not in these areas of probable landfill.

Locations H10 (sample contained pentachlorophenol) and H15 [sample contained benzo(a)pyrene and phenanthrene] are located within an area identified as containing landfill material based on the magnetic survey (see Figure 3-1). Location H15 is also an area of minimal landfill cover thickness (see Figure 4-1). The sample from location S122 contained methylene chloride above the leaching criterion. This location is within or at the edge of an area of probable landfill material. Location S91 is at the margin of an area identified as containing landfill material. The sample from this location contained phenanthrene above the leaching criterion.

Samples were collected at 25 locations (Table 5-5) for geotechnical analyses including wet and dry density, water content, and coefficient of permeability. The laboratory results, presented in Table 5-5, also provide a brief description of each sample. Dry densities varied from 95.0 to 115.4 pounds per cubic feet, with most samples falling within the range from 100 to 110 pounds per cubic foot. Water contents ranged from 5.4 to 18.2 percent, with typical values being around 10 percent. The coefficients of permeability varied by about two orders of magnitude, from 8.5×10^{-5} to 1.1×10^{-3} centimeters per second. Additional geotechnical data, including grain size distribution and Standard Proctor Test results, will be presented in the RI report.

TABLE 5-5

GEOTECHNICAL TESTING RESULTS
OPERABLE UNIT 2
NTC, ORLANDO
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Sample No.	Location ID	Description of Soil	ASTM D-2937			ASTM D-2216	ASTM D-5084
			Wet Density (g/cm^3)	Dry Density (g/cm^3)	Dry Density (lb/ft^3)	Water Content (%)	Coef. of Permeability (cm/s)
NTCGTS7200B	S72	Dk Gray to Brown Quartz Fine Sand, S1 Trace Root	1.89	1.76	110.1	7.2	3.8E-03
NTCGTS7200A	S72	Dk Gray to Brown Quartz Fine Sand, Trace Root Fibers	1.86	1.74	108.6	6.9	3.3E-03
NTCGT12100B	S121	Dk Brown Quartz Fine Sand, Trace Colloidal Organics	1.98	1.75	109.5	12.9	1.2E-05
NTCGT12100A	S121	Dk Brown Quartz Fine Sand, Trace Colloidal Organics	1.90	1.66	103.9	14.2	8.1E-04
NTCGT13000B	S130	Gray to Brown Quartz Fine Sand	1.74	1.52	95.0	14.4	1.3E-03
NTCGT13000A	S130	Brown Quartz Fine Sand	1.80	1.58	98.4	14.2	1.1E-03
NTCGT12500B	S125	Lt Gray to Tan Quartz Fine Sand, Trace Root Fibers	1.78	1.65	102.7	7.9	1.1E-03
NTCGT12500A	S125	Gray to Brown Quartz Fine Sand	1.70	1.58	98.9	7.3	1.5E-03
NTCGT12300A	S123	Dk Brown Quartz Fine Sand, Trace Colloidal Organics	1.93	1.76	110.1	9.4	1.4E-04
NTCGT12300B	S123	Gray to Brown Quartz Fine Sand, Trace Colloidal Organics	1.94	1.80	112.3	7.8	4.7E-05
NTCGTS9200B	S92	Brown Quartz Fine Sand	1.81	1.52	95.1	18.8	1.1E-03
NTCGTS9200A	S92	Brown Quartz Fine Sand	1.83	1.60	100.1	14.1	1.1E-03
NTCGTH2200B	H22	Dk Brown Quartz Fine Sand, Trace Colloidal Organics	1.90	1.70	106.2	11.7	4.6E-05
NTCGTH2200A	H22	Dk Brown Quartz Fine Sand, Trace Colloidal Organics	1.85	1.66	103.5	11.6	5.8E-04
NTCGTH2500B	H25	Gray Quartz Fine Sand, Trace Colloidal Organics	1.75	1.60	100.1	9.1	1.2E-04
NTCGTH2500A	H25	Gray Quartz Fine Sand, Trace Colloidal Organics	1.80	1.68	104.9	7.1	6.4E-05
NTCGTH1900B	H19	Dk Gray to Brown Quartz Fine Sand, Trace Colloidal Organic	1.99	1.80	112.3	10.6	1.6E-05
NTCGTH1900A	H19	Gray to Brown Quartz Fine Sand, Some Limestone Fragments Trace Colloidal Organics	2.03	1.85	115.3	9.9	1.5E-05
NTCGTH1200B	H12	Brown Quartz Fine Sand, Trace Colloidal Organics	2.06	1.89	118.1	8.9	3.1E-04
NTCGTH1200A	H12	Brown Quartz Fine Sand, Trace Colloidal Organics	2.02	1.85	115.4	9.3	2.7E-05
NTCGTH0200B	H2	Tan to Brown Quartz Fine Sand, S1 Trace Colloidal Organics	1.81	1.60	100.2	12.8	8.7E-04
NTCGTH0200A	H2	Gray to Brown Quartz Fine Sand	1.71	1.55	97.0	10.1	1.5E-03
NTCGTH0900B	H9	Dk Brown Quartz Fine Sand, Trace Colloidal Organics	1.98	1.76	109.9	12.5	5.2E-05
NTCGTH0900A	H9	Dk Brown Quartz Fine Sand, Trace Colloidal Organics	2.07	1.85	115.4	12.0	5.4E-05
NTCGT10400B	S104	Tan to Brown Quartz Fine Sand	1.85	1.63	101.9	13.3	2.2E-04
NTCGT10400A	S104	Tan to Brown Quartz Fine Sand	1.93	1.67	104.4	15.4	8.5E-05
NTCGT15800B	S158	Brown Quartz Fine Sand, Trace Colloidal Organics	1.67	1.54	95.9	8.7	7.3E-04
NTCGT15800A	S158	Gray to Brown Quartz Fine Sand, Trace Colloidal Organics	1.87	1.76	109.6	6.5	1.1E-04
NTCGTH0500B	H5	Brown Quartz Fine Sand	1.91	1.72	107.4	11.0	4.6E-04
NTCGTH0500A	H5	Brown Quartz Fine Sand	1.89	1.67	104.3	13.1	5.6E-04
NTCGTH3900B	H39	Gray to Brown Quartz Fine Sand, Trace Colloidal Organics	1.80	1.65	102.7	9.40	3.2E-04

TABLE 5-5

GEOTECHNICAL TESTING RESULTS
OPERABLE UNIT 2
NTC, ORLANDO
PAGE 2 OF 2

Sample No.	Location ID	Description of Soil	ASTM D-2937 Wet Density (g/cm^3)	ASTM D-2937 Dry Density (g/cm^3)	ASTM D-2937 Dry Density (lb/ft^3)	ASTM D-2216 Water Content (%)	ASTM D-5084 Coef. of Permeability (cm/s)
NTCGTH3900A	H39	Tan to Brown Quartz Fine Sand, Trace Colloidal Organics	1.83	1.69	105.4	8.4	1.2E-04
NTCGTH3200B	H32	Gray to Brown Quartz Fine Sand, Trace Colloidal Organics	1.75	1.59	99.0	10.4	2.2E-04
NTCGTH3200A	H32	Gray to Brown Quartz Fine Sand, Trace Colloidal Organics	1.78	1.64	102.2	8.7	4.0E-04
NTCGTH2900B	H29	Gray to Brown Quartz Fine Sand	1.70	1.61	100.7	5.4	4.3E-03
NTCGTH2900A	H29	Brown Quartz Fine Sand	1.71	1.60	99.7	7.1	4.3E-03
NTCGT15600B	S156	Brown Quartz Fine Sand	1.48	1.35	84.5	9.4	1.1E-03
NTCGT15600A	S156	Brown Quartz Fine Sand	1.87	1.76	109.9	6.2	2.3E-04
NTCGT11900B	S119	Brown Quartz Fine Sand	1.75	1.64	102.2	6.9	2.4E-03
NTCGT11900A	S119	Tan to Brown Quartz Fine Sand	1.80	1.70	106.3	5.7	1.7E-03
NTCGT15200A	S152	Tan to Brown Quartz Fine Sand	1.78	1.65	103.3	7.6	1.2E-03
NTCGT15200B	S152	Lt Tan to Brown Quartz Fine Sand	1.91	1.70	106.1	12.4	4.4E-04
NTCGT12700B	S127	Brown Quartz Fine Sand	1.87	1.71	107.0	9.1	1.9E-03
NTCGT12700A	S127	Brown Quartz Fine Sand	1.84	1.69	105.7	8.7	2.1E-03
NTCGT13900B	S139	Brown to Tan Quartz Fine Sand	1.99	1.79	111.9	11.0	6.7E-04
NTCGT13900A	S139	Brown Quartz Fine Sand	1.98	1.68	104.6	18.2	3.2E-04
NTCGTS5000B	S50	Brown Quartz Fine Sand	1.78	1.61	100.2	10.6	7.6E-05
NTCGTS5000A	S50	Brown Quartz Fine Sand	1.91	1.73	108.1	10.3	3.3E-04
NTCGTS2000A	S20	Brown Quartz Fine Sand	1.62	1.49	92.9	8.9	2.3E-03
NTCGTS2000B	S20	Brown Quartz Fine Sand	1.82	1.66	103.7	9.6	1.4E-03
NTCGTS3200B	S32	Brown Quartz Fine Sand	1.94	1.76	109.9	10.2	1.1E-03
NTCGTS3200A	S32	Brown Quartz Fine Sand	1.83	1.71	106.5	7.3	3.1E-04
NTCGT16000B	S160	Brown Quartz Fine Sand	2.01	1.85	115.2	8.9	2.7E-04
NTCGT16000A	S160	Brown Quartz Fine Sand	1.92	1.77	110.4	8.6	2.5E-04
NTCGT10100B	S101	Gray to Brown Quartz Fine Sand, S1 Trace Colloidal Organics	1.89	1.74	108.6	8.6	5.1E-03
NTCGT10100A	S101	Gray to Brown Quartz Fine Sand	1.92	1.77	110.8	8.2	2.2E-03
NTCGTS8000B	S80	Brown Quartz Fine Sand, 3 Inch Layer of Clayey Sand	1.99	1.72	107.6	15.5	NA
NTCGTS8000A	S80	Brown Quartz Fine Sand, Trace S1 Clayey Sand Layers	2.05	1.79	112.0	14.3	1.2E-05

Notes:
ASTM–American Society for Testing and Materials
NA–Not Analyzed

6.0 SOIL ORGANIC VAPOR SURVEY

The results of the SOV survey are presented in the report prepared by W.L Gore & Associates and provided in Appendix B. The Gore report contains a tabular printout of the VOC and SVOC detections and five contour maps of OU 2 showing the relative masses of the predominant compounds detected: benzene, toluene, ethylbenzene, and xylenes (BTEX), benzene, tetrachloroethene (PCE), chloroform, and chlorobenzene. The Gore report provides the following general qualification statement:

> In most instances, the masses reported on the modules compare favorably with concentrations reported in the soil, groundwater, or both. . . . However, due to a variety of factors, a perfect comparison between matrix data and soil gas levels can rarely be achieved.

The SOV data do provide a qualitative indication of areas where higher concentrations (i.e., "hot spots") of VOCs and SVOCs may exist. In preparing the maps, Gore set the minimum (gray) contour level for each mapped analyte at the maximum blank level observed or the method detection limit, whichever was greater. The maximum contour level was set at the maximum value observed.

As shown in the data tables in Appendix B, the BTEX compounds and chlorobenzene had the highest masses detected in modules No.141072 (256 micrograms benzene, 20 micrograms chlorobenzene) and No. 141079 (174 micrograms benzene, 237 micrograms chlorobenzene). These modules were placed in the locations designated H2 and H9 respectively on the contour maps. Other compounds detected include PCE (6.68 micrograms in No. 141020), 1,4-dichlorobenze (3.23 micrograms in No. 141072), and trichloroethene (TCE) (1.43 micrograms in No. 141084).

Distribution maps for five VOCs are provided in Appendix B. BTEX compounds were detected at low levels over much of the southern portion of the golf course and the adjacent wooded area to the south. Moderate levels of BTEX were found in one location in the southeastern part of the golf course and at several locations in the wooded area. The highest levels were detected in the northern part of the wooded area.

The distribution of benzene is similar to that of BTEX, with the highest levels found in the northern part of the wooded area, and sporadic low-level detections in the northeastern and western portions of the golf course and southern part of the wooded area.

The highest levels of chlorobenzene were also found in the northern part of the wooded area. Low levels were found at several locations in the western and northeastern portions of the golf course.

PCE levels were highest in the northern and central parts of the wooded area. Low levels were detected in the north-central and east-central portions of the golf course.

Chloroform was detected at low to moderate levels in most of the locations.

As shown in the BTEX and chlorobenzene contour maps, the H2 and H9 "hot spots" are located within the landfill boundaries established in the magnetometer study (see Figure 3-1). The wooded area in which H2 and H9 are located is also an area with less cover material (less than 1 foot) than the other areas of the site (see Figure 4-1). Thus, the relatively thin cover in this area may have contributed to the higher masses sorbed at these locations.

7.0 DIRECT PUSH GROUNDWATER SAMPLING

A direct push groundwater sampling program was conducted around the boundaries of the landfill as identified by the results of the geophysical surveys (see Section 3.0). Two groundwater samples were collected at each location (see Figure 2-6). A shallow sample was collected at a depth of approximately 9 feet and an intermediate sample was collected at 30 feet. A few samples were collected at other shallow depths (two at 6 feet, one at 8 feet, three at 10 feet, 16 at 12 feet, two at 15 feet, and three at 20 feet).

The samples were analyzed for selected VOCs at the on-site field laboratory using gas chromatography/mass spectrometry (EPA Method 8021 or 8260). Analytical data for all of the samples are included in Appendix C.

VOCs were detected in both shallow and intermediate samples at several locations. Figure 7-1 (located at the back of this report) presents the concentrations detected by the field laboratory. Thirteen VOCs were detected in at least one shallow or intermediate sample. The chemicals detected at the field laboratory, the range of concentrations, and the location and depth of the maximum concentrations are listed in Table 7-1.

Contaminants were detected in five general areas around the boundary of the site. The first area is just south of the driving range near locations G128 through G132. VOCs were found at five locations in this area. Shallow samples from G128, G129, and G131 contained benzene (maximum concentration 24 micrograms per liter at G129) and chlorobenzene (maximum concentration 22 micrograms per liter at G129). The intermediate samples from G130, G131, and G132 also contained chlorobenzene (maximum concentration 14 micrograms per liter at G130). The intermediate samples from G130 and G132 contained benzene (maximum concentration 10 micrograms per liter at G130). These locations are immediately east of a large area of magnetic anomalies identified as probable landfill material (see Section 3.0).

One VOC (1,1-dichloroethene at 8 micrograms per liter) was found in the intermediate sample from location G171 (see Figure 7-1 located at the back of this report). This second location is not near any of the magnetic anomalies interpreted to represent landfill material (see Figure 3-1).

The third area where chemicals were detected in groundwater is located at the northeastern corner of the wooded area (see Figure 7-1 located at the back of this report). The largest number of chemicals was

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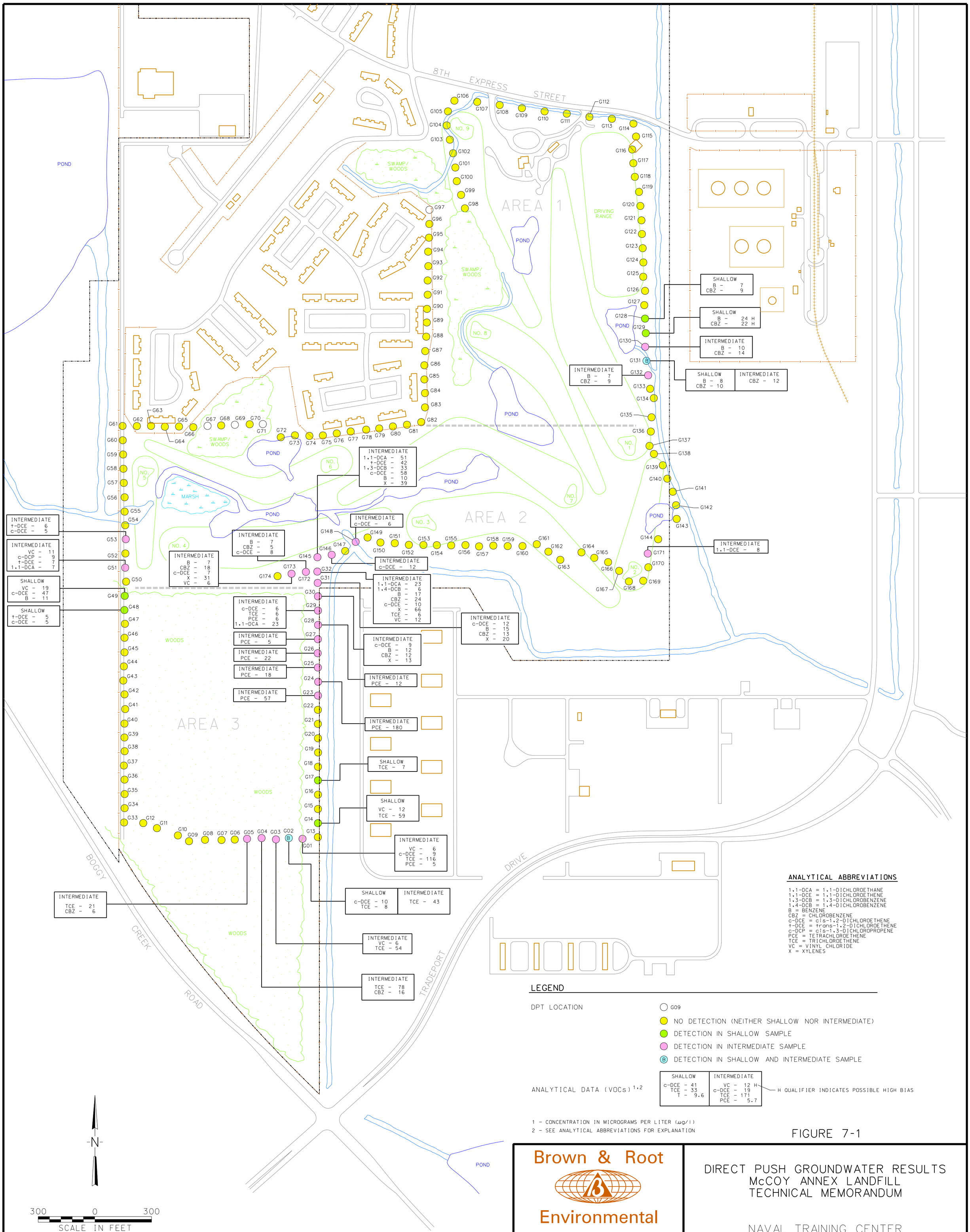

ANALYTICAL ABBREVIATIONS

1,1-DCA = 1,1-DICHLOROETHANE
1,1-DCE = 1,1-DICHLOROETHENE
1,3-DCB = 1,3-DICHLOROBENZENE
1,4-DCB = 1,4-DICHLOROBENZENE
B = BENZENE
CBZ = CHLOROBENZENE
c-DCE = cis-1,2-DICHLOROETHENE
t-DCE = trans-1,2-DICHLOROETHENE
c-DCP = cis-1,3-DICHLOROPROPENE
PCE = TETRACHLOROETHENE
TCE = TRICHLOROETHENE
VC = VINYL CHLORIDE
X = XYLENES

LEGEND

DPT LOCATION — G09

- NO DETECTION (NEITHER SHALLOW NOR INTERMEDIATE)
- DETECTION IN SHALLOW SAMPLE
- DETECTION IN INTERMEDIATE SAMPLE
- (B) DETECTION IN SHALLOW AND INTERMEDIATE SAMPLE

ANALYTICAL DATA (VOCs)[1,2]

SHALLOW	INTERMEDIATE
c-DCE - 41	VC - 12 H
TCE - 33	c-DCE - 19
T - 9.6	TCE - 171
	PCE - 5.7

H QUALIFIER INDICATES POSSIBLE HIGH BIAS

1 - CONCENTRATION IN MICROGRAMS PER LITER (µg/l)
2 - SEE ANALYTICAL ABBREVIATIONS FOR EXPLANATION

FIGURE 7-1

Brown & Root Environmental
OAK RIDGE, TENNESSEE

DIRECT PUSH GROUNDWATER RESULTS McCOY ANNEX LANDFILL TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

CAD FILE NO./DATE: 7457C009.dgn/3-6-98

TABLE 7-1

GROUNDWATER CONCENTRATIONS
OPERABLE UNIT 2
NTC, ORLANDO
PAGE 1 OF 1

Compound	Concentration Range (µg/L)	Location and Relative Depth of Maximum Concentration
1,1-Dichloroethane	7 to 51	G145 - Intermediate
1,1-Dichloroethene	8*	G171 - Intermediate
1,3-Dichlorobenzene	33*	G145 - Intermediate
1,4-Dichlorobenzene	6*	G32 - Intermediate
Benzene	7 to 24	G129 - Shallow
Chlorobenzene	5 to 24	G32 - Intermediate
Cis-1,2-Dichloroethene	5 to 58	G145 - Intermediate
Trans-1,2-Dichloroethene	5 to 42	G145 - Intermediate
Cis-1,3-Dichloropropene	9*	G51 - Intermediate
Tetrachloroethene	5 to 180	G24 - Intermediate
Trichloroethene	6 to 116	G01 - Intermediate
Vinyl Chloride	6 to 19	G49 - Shallow
Xylenes	5 to 66	G32 - Intermediate

Note:
* Only one detection

found in this area. All of the detections were in the intermediate samples (30 feet bgs). All compounds detected during the DPT program except 1,1-dichloroethene and 1,3-dichloropropene were found in the samples from this area. Cis-1,2-dichloroethene was detected most frequently (in seven of the samples) with a maximum concentration of 58 micrograms per liter at G145.

In the northern half of the area, several chemicals (including chlorinated solvents and fuel components) were detected in most of the samples. In the southern half of this area, only PCE was detected (in six samples with a maximum concentration of 180 micrograms per liter at G24). This detection also represents the maximum concentration of any chemical detected during the DPT program.

This third area of groundwater contamination is located in the likely downgradient direction from two of the major areas identified as probable landfill areas (see Figure 3-1). One of the landfill areas is located to the north under the golf course and the other to the west in the wooded area.

The fourth area in which VOCs were found is the southeastern corner of the wooded area (see Figure 7-1 located at the back of this report). Chemicals were detected in both shallow and intermediate samples in this area. TCE was found in every sample in this area, both shallow and intermediate. The maximum concentration was 116 micrograms per liter in the intermediate sample from G01. Vinyl chloride was found in two of the intermediate samples and one of the shallow samples. The maximum concentration was 12 micrograms per liter in the sample from G14. Chlorobenzene, cis-1,2-dichloroethene, and PCE were also detected at low concentrations in this area. This area is southeast of an area of magnetic anomalies (see Figure 3-1) that may be associated with past landfilling activities.

The fifth area of detected groundwater contamination is at the western end of the golf course. This area is located within the area of magnetic anomalies identified as probable landfill material (see Section 3.0). VOCs were detected at low concentrations in two shallow (G48 and G49) and two intermediate (G51 and G53) samples. Cis-1,2-dichloroethene was found in all four of the samples, with the maximum concentration of 47 micrograms per liter in the shallow sample from G49.

As indicated in Section 2.5, duplicate samples were collected at a rate of one in 10 for fixed-base analysis. The objective of this procedure was to evaluate the accuracy of the field laboratory. The results from the two sets of samples were compared, and an evaluation is provided below.

The field laboratory seems to be able to generate reliable compound identifications/quantitation for concentrations greater than 10 micrograms per liter. However, below 10 micrograms per liter the field laboratory demonstrates a questionable ability to reliably identify or quantify target compounds. Also, the

field method does not appear to be able to accurately identify or quantify early-eluting compounds such as vinyl chloride and 1,1-dichloroethane. The field laboratory may also have a problem distinguishing interfering compounds that elute near or at the same retention time as target compounds.

Overall, the field laboratory appears to be capable of producing data that will provide a good general picture of contaminants present at the site when concentrations exceed 10 micrograms per liter. However, the fixed-base laboratory is able to identify more target compounds over a greater linear range.

8.0 CONE PENETROMETER TESTING

The complete set of cone penetrometer logs prepared by Williams Earth Sciences, Inc. is presented in Appendix D. Several parameters, including cone resistance, which is a measure of end-bearing stress, sleeve friction, which is a localized index of strength, and pore pressure are measured by sensors on the cone as a function of depth. Measurements are usually reported in terms of tons per square foot. Soil-bearing stress follows an exponentially increasing curve depending on grain size. Cone end-bearing stress is low in clays and very high in sands. Sleeve friction varies approximately as a linear function of grain size and does not vary as much as cone end bearing stress measurements in homogenous deposits. The ratio between sleeve friction (fs) and cone resistance (Q) in terms of a percentage (fs/Q x 100) is defined as the friction ratio. The cone penetrometer uses the friction ratio to evaluate soil classification based on the Unified Soil Classification System. The friction ratio is low (0.5 to 2 percent) in sands, intermediate in silts (1 to 4 percent) and high in clays (3 to 8 percent).

CPT was performed within the landfill boundaries and on adjacent properties to the east and south. The locations were selected based on DPT sampling results and spatial distribution to obtain groundwater samples and cross sections of subsurface strata of the McCoy Annex Landfill. Cone penetrometer locations are presented in Figure 2-7. Table 8-1 provides a cross reference for CPT locations and groundwater sample numbers.

Several different soil types were identified in the cone penetrometer logs. Vertical cross sections across the landfill and its vicinity were constructed by connecting cone penetrometer data in one north-south and two east-west planes. Figure 8-1 shows the cross section locations. Figures 8-2, 8-3, and 8-4 present cross sections A-A', B-B', and C-C', respectively. The layers on the cross sections have been generalized. The CPT data suggest many thin layers, but similar types have been combined to better describe the aquifer.

Cross section A-A', drawn in the north-south direction, is shown in Figure 8-2. Various strata of sand, silty sand, sandy silt, silty clay, clay, and clayey silt were identified. Silty sand and sandy silt were the major units identified in all CPT locations from the surface to approximately 30 feet bgs. Underlying the silty sands from north to south was a distinct silty clay to clayey silt stratum of low permeability. The unit varies in thickness from 12 to 24 feet and appears to taper off at the southern end of the cross section near CP-9. Separated by silty sand, a second low-permeability silty clay layer was identified in the 60- to 70-foot depth range. However, this appears to be a relatively minor stratum, 4 to 11 feet thick, and occurs from the north to the middle portion of the cross section, tapering off after CP-4.

TABLE 8-1

CONE PENETROMETER CROSS REFERENCE
OPERABLE UNIT 2
NTC, ORLANDO
PAGE 1 OF 1

Brown & Root Environmental CPT ID No.	Williams CPT ID No.	Sample No.	Location ID	Sample Date	Sample Depth (feet bgs)
CP-1	CPT-4	NTCCPR0450	CP0150	10/15/97	50
		NTCCPR0460	CP0160	10/15/97	60
		NTCCXR0460[a]	CP0160R	11/11/97	60
		NTCCPR0470	CP0170	10/15/97	70
		NTCCXR0470[a]	CP0170R	11/11/97	70
		NTCCPD0300[b]	CP0170RD	11/11/97	70
CP-2	CPT-3	NTCCPR0355	CP0255	10/20/97	55
		NTCCPR0370	CP0270	10/17/97	70
CP-3	CPT-5	NTCCPR0544	CP0344	10/22/97	44
		NTCCPR0555	CP0355	10/22/97	55
		NTCCPR0570	CP0370	10/22/97	70
		NTCCPR0580	CP0380	10/22/97	80
CP-4	CPT-2	NTCCPR0250	CP0450	10/24/97	50
		NTCCPR0260	CP0460	10/24/97	60
		NTCCXR0260[c]	CP0460C	10/24/97	60
		NTCCPR0270	CP0470	10/24/97	70
CP-5	CPT-1	NTCCPR0150	CP0550	10/25/97	50
		NTCCPR0160	CP0560	10/25/97	60
		NTCCPR0170	CP0570	10/26/97	70
CP-6	CPT-Y5	N/S		N/S	N/S
CP-7	CPT-Y1	N/S		N/S	N/S
CP-8	CPT-Y6	N/S		N/S	N/S
CP-9	CPT-G5	NTCCPG0530	CP0930	10/26/97	30
		NTCCPG0550	CP0950	10/27/97	50
		NTCCPG0580	CP0980	10/27/97	80
CP-10	CPT-G2	NTCCPG0230	CP1030	11/06/97	30
		NTCCPG0250	CP1050	11/06/97	50
		NTCCPG0280	CP1080	11/06/97	80
		NTCCPD0100[b]	CP1080D	11/06/97	80
CP-11	CPT-G3	NTCCPG0330	CP1130	11/08/97	30
		NTCCPG0350	CP1150	11/08/97	50
		NTCCPG0380	CP1180	11/08/97	80
CP-12	CPT-G4	NTCCPG0430	CP1230	11/09/97	30
		NTCCPG0450	CP1250	11/09/97	50
		NTCCPG0470	CP1270	11/09/97	70
CP-13	CPT-G1	NTCCPG0130	CP1330	11/10/97	30
		NTCCPD0200[b]	CP1330D	11/10/97	30
		NTCCPG0150	CP1350	11/10/97	50
		NTCCPG0180	CP1380	11/10/97	80
CP-14	CPT-Y2	N/S		N/S	N/S

N/S - Not sampled.
[a] Resampled
[b] Duplicate
[c] Confirmation Sample

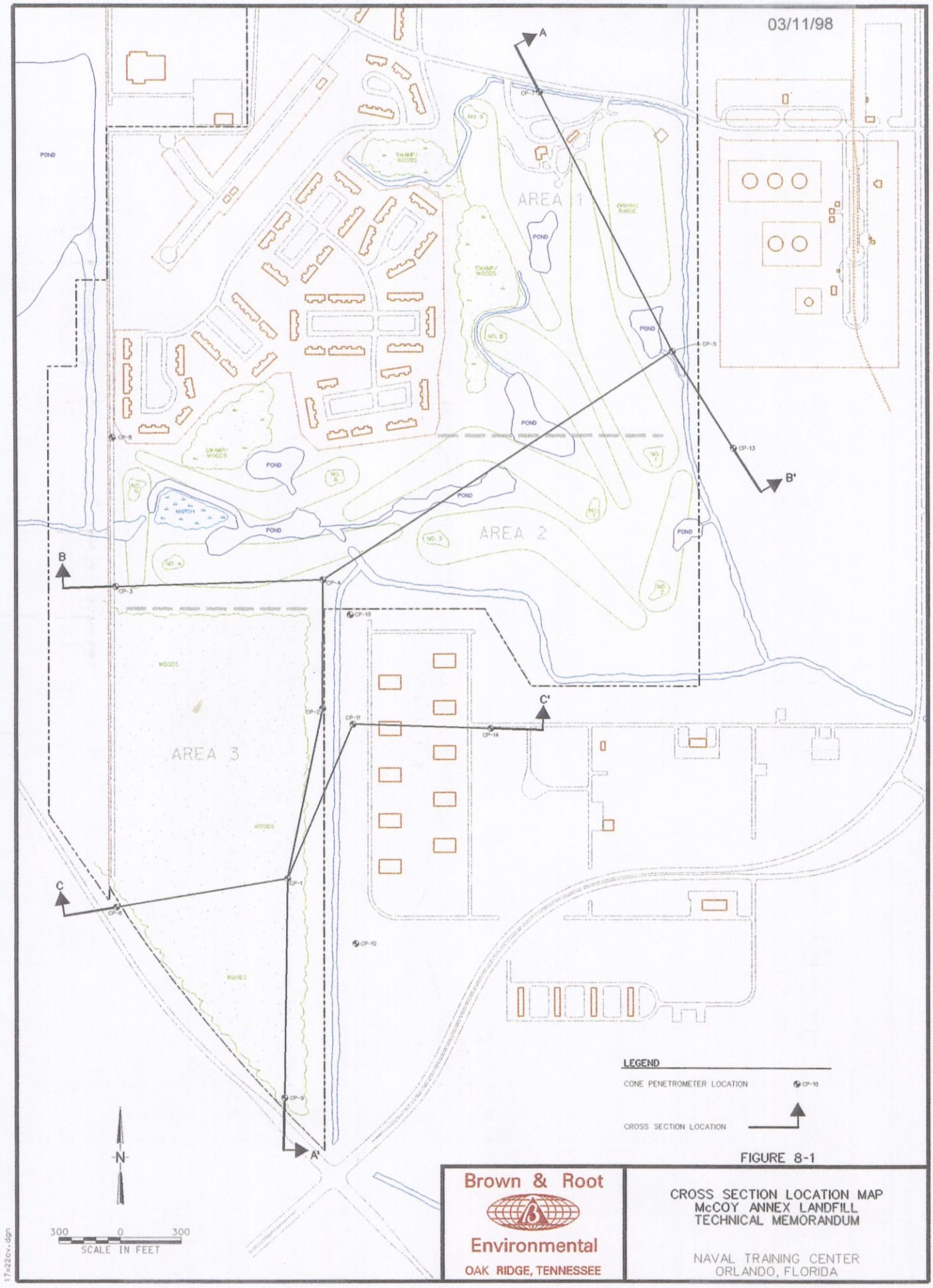

FIGURE 8-1

Brown & Root Environmental
OAK RIDGE, TENNESSEE

CROSS SECTION LOCATION MAP
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

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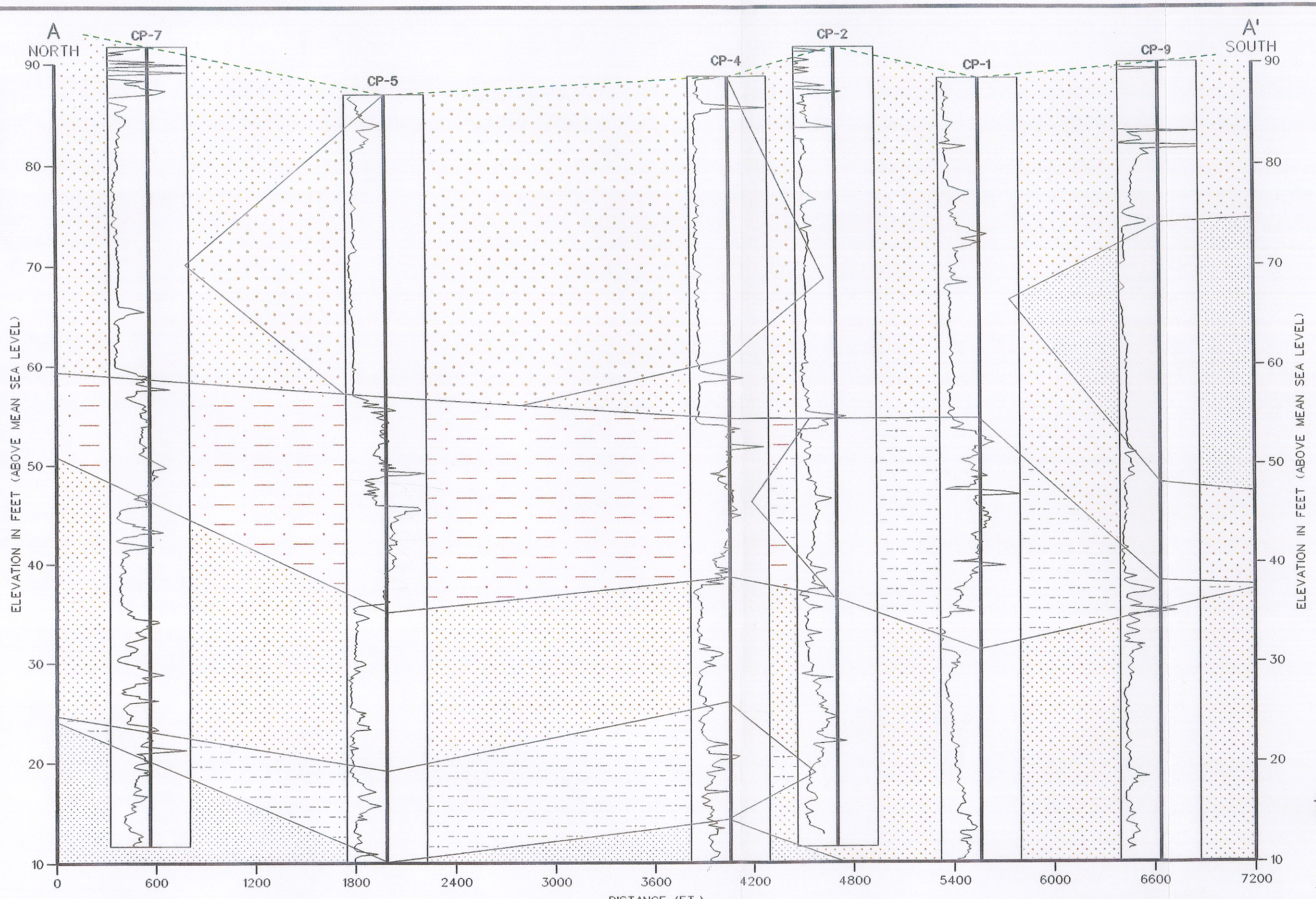

CROSS-SECTION A-A'

VERTICAL EXAGGERATION = 60 X HORIZONTAL

NOTE:
FOR LEGEND, SEE FIGURE 8-4.

FIGURE 8-2

Brown & Root Environmental
OAK RIDGE, TENNESSEE

CROSS SECTION A-A'
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

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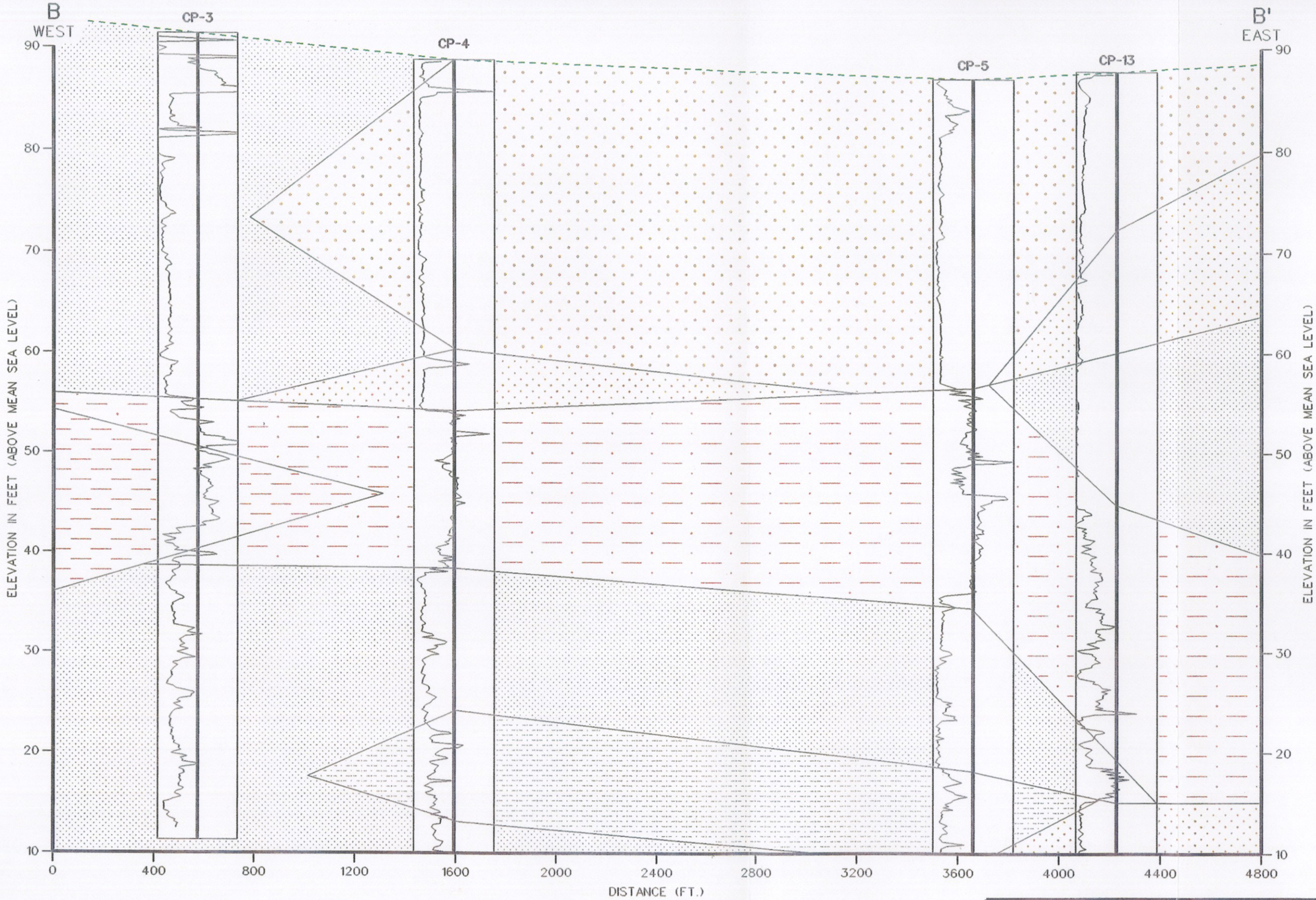

CROSS-SECTION B-B'

VERTICAL EXAGGERATION - 40 X HORIZONTAL

NOTE:
FOR LEGEND, SEE FIGURE 8-4.

FIGURE 8-3

Brown & Root Environmental
OAK RIDGE, TENNESSEE

CROSS SECTION B-B'
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

11x17b.dgn

C
WEST

C'
EAST

CP-6
CP-1
CP-11
CP-14

ELEVATION IN FEET (ABOVE MEAN SEA LEVEL)

90
80
70
60
50
40
30
20
10

0
300
600
900
1200
1500
1800
2100
2400
2700
3000

DISTANCE (FT.)

CROSS-SECTION C-C'

VERTICAL EXAGGERATION = 30 X HORIZONTAL

LEGEND

- UNDEFINED
- SAND
- SAND TO SILTY SAND
- SILTY SAND
- SILTY SAND TO SANDY SILT
- SANDY SILT TO CLAYEY SILT
- CLAYEY SILT
- CLAYEY SILT TO SILTY CLAY
- SILTY CLAY
- CLAY

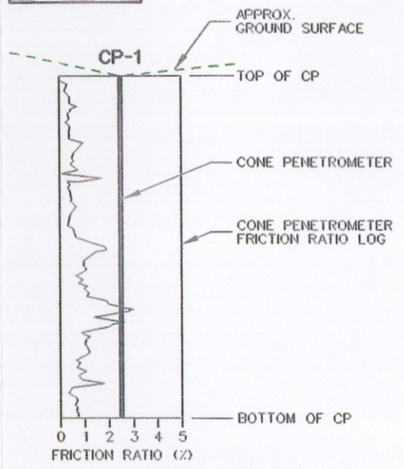

FIGURE 8-4

Brown & Root
Environmental
OAK RIDGE, TENNESSEE

CROSS SECTION C-C'
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

11x17b.dgn

Cross section B-B' traverses the middle of the landfill in an east-west direction. The cross section is presented in Figure 8-3. Strata of sand occurred from ground surface to approximately 30 feet bgs in all CPT locations included in the cross section. A clayey silt to silty clay unit underlying the sand unit, approximately 17 to 29 feet thick, was also identified in all the CPT locations. The clay layer is also identified by the higher friction ratios that occur in the stratum. A second minor sandy silt to clayey silt layer was located in the 60- to 70- foot substratum. The unit was 9 to 11 feet thick and occurred between CP-4 and CP-5, tapering off before either end of the cross section line.

Cross section C-C' traverses the southern section of the wooded area and the adjacent GOAA property to the east. The cross section is presented in Figure 8-4. Sand to silty sand and clayey silts were identified in this section of the landfill and the southeastern vicinity. The clayey silt unit transects the silty sand unit throughout the length of the cross section. The unit is approximately 23 feet thick in CP-6 and tapers to the east, occurring in CP-14 at approximately 11 feet of thickness.

Cone penetrometer logs for locations CP-8, CP-10, and CP-12 were not included in the cross sections. However, the data indicate that conditions at these locations were similar to those encountered in nearby borings.

Hydraulic conductivities of saturated strata are estimated from CPT data at various locations and depths (Table 8-2). The in situ coefficient of consolidation (C_h) is estimated by an interpretative method from pore pressure dissipation measurements (Baligh and Levadoux, 1986). Horizontal (K_h) and vertical hydraulic (K_v) conductivities are calculated assuming an initial vertical effective stress of 154.2 grams per square centimeter per meter of depth (110 pounds per square foot per foot of depth). Horizontal and vertical hydraulic conductivities are empirically related based on the degree of stratigraphic layering. Ranges for K_h and K_v are 3.23E-10 to 2.36E-07 centimeters per second and 2.69E-10 to 1.96E-07, respectively.

Groundwater samples were collected at CPT locations in the vicinity of DPT borings with detectable levels of VOCs in the groundwater in the intermediate zones (30 feet) and from areas adjacent to or downgradient of these locations. Groundwater samples were collected at a total of 10 CPT locations at the landfill and in the adjacent vicinity. Five locations (CP-1 through CP-5) were selected in the vicinity of DPT locations with detectable levels of VOCs. Five locations (CP-9 through CP-13) were installed east of the landfill in the adjacent GOAA property. Four CPT locations (CP-2 and CP-6 through CP-8) were installed to determine only subsurface soil properties and stratigraphy.

Table 8-2

HYDRAULIC CONDUCTIVITY VALUES
(ESTIMATED FROM CONE PENETROMETER DATA)
OPERABLE UNIT 2
NTC, ORLANDO
PAGE 1 OF 1

Brown & Root Environmental CPT ID No.	Williams CPT ID No.	Depth (ft)	C_h[a] (ft^2/day)	Soil Type[b]	K_h[c] (ft/day)	K_h[c] (cm/s)	K_v[d] (ft/day)	K_v[d] (cm/s)
CP-1	CPT-R4	42.5	0.43	SC	2.50E-05	8.83E-09	2.08E-05	7.36E-09
		48.5	0.243	C -CS	1.24E-05	4.38E-09	1.03E-05	3.65E-09
		80.5	11.82	SS_d -SS	3.63E-04	1.28E-07	3.03E-04	1.07E-07
CP-2	CPT-R3	45.3	0.061	SS -CS	3.33E-06	1.18E-09	2.78E-06	9.80E-10
		52.5	0.027	CS	1.27E-06	4.49E-10	1.06E-06	3.74E-10
CP-3	CPT-R5	44.5	0.07	C	3.89E-06	1.37E-09	3.24E-06	1.14E-09
		44.9	0.078	C	4.30E-06	1.52E-09	3.58E-06	1.27E-09
		61.5	16.6	SS_d -SS	6.68E-04	2.36E-07	5.57E-04	1.97E-07
CP-4	CPT-R2	36.7	0.251	CS -SC	1.69E-05	5.97E-09	1.41E-05	4.97E-09
		66.6	[e]	SS -CS	[e]	[e]	[e]	[e]
CP-5	CPT-R1	40.7	0.038	C	2.31E-06	8.16E-10	1.93E-06	6.80E-10
CP-6	CPT-Y5	37.6	[e]	S_dS - SC	[e]	[e]	[e]	[e]
		40.5	0.15	CS - C	9.16E-06	3.24E-09	7.63E-06	2.70E-09
		50.5	0.216	CS - SC	1.06E-05	3.74E-09	8.83E-06	3.12E-09
CP-7	CPT-Y1	40.5	0.015	S_dS - SC	9.16E-07	3.24E-10	7.63E-07	2.70E-10
CP-8	CPT-Y6	40.5	0.016	CS -SC	9.78E-07	3.45E-10	8.15E-07	2.88E-10
CP-10	CPT-G2	38.5	0.065	SC	4.18E-06	1.48E-09	3.48E-06	1.23E-09
		48.5	0.044	SC - CS	2.24E-06	7.91E-10	1.87E-06	6.59E-10
CP-11	CPT-G3	39.5	0.141	CS -SC	8.83E-06	3.12E-09	7.36E-06	2.60E-09
		49	0.166	CS -SC	8.38E-06	2.96E-09	6.98E-06	2.47E-09
CP-12	CPT-G4	38.5	0.179	SC - C	1.15E-05	4.06E-09	9.58E-06	3.38E-09
		47.6	0.03	CS - C	1.56E-06	5.51E-10	1.30E-06	4.59E-10
CP-13	CPT-G1	53.5	1.18	CS	5.46E-05	1.93E-08	4.55E-05	1.61E-08
		55.4	0.92	SC-SS	4.11E-05	1.45E-08	3.43E-05	1.21E-08
CP-14	CPT-Y2	36.6	0.276	SS_d	1.87E-05	6.60E-09	1.56E-05	5.50E-09
		66.6	4.73	SS_d	1.76E-04	6.22E-08	1.47E-04	5.18E-08

[a] Coefficient of Consolidation = C_h (ft^2/day)

[b] Soil Types
- C - Clay
- CS - Clayey Silt
- SC - Silty Clay
- SS_d - Silty Sand
- S_dS - Sandy Silt
- S_d - Sand

[c] Horizontal Hydraulic Conductivity, K_h (ft/day)

[d] Vertical Horizontal Hydraulic Conductivity, K_v (ft/day)

[e] Inconclusive

Groundwater samples in the vicinity of DPT locations were collected at the 50-, 60- and 70-foot depths. Due to the relative impermeability of the formation, a sample was collected from the 55-foot interval instead of 50 and 60 feet from CP-2. An additional sample was collected from the 44-foot interval in CP-3.

Samples in the adjacent property were collected from the 30-, 50- and 80-foot intervals, except at CP-12, where a sample was collected at 70 feet instead of 80 feet.

Analyses of samples collected from CPT locations were performed at a mobile laboratory and a fixed-based laboratory for selected VOCs. Two VOCs were detected in samples from location CP-1. Preliminary results indicted that vinyl chloride was detected at a concentration of 220 micrograms per liter in the 60-foot sample. No compounds were reported in the 70-foot sample. The same location (within approximately 2 feet) was resampled (for both the 60- and 70-foot samples) about 1 month later, and only TCE was detected (1.8 J micrograms per liter in the 70-foot sample and 3.4 J micrograms per liter in its duplicate).

No chemicals were detected in any of the other samples collected during the CPT program. Table 8-1 identifies the samples collected and Figures 2-7 and 8-1 show the locations. Appendix D includes the analytical data from all of the CPT samples.

9.0 CONCLUSIONS AND RECOMMENDATIONS

9.1 LANDFILL BOUNDARIES

The magnetic and EM surveys were effective in identifying landfill materials. No further geophysical surveying is recommended within the areas already surveyed. However, the EM and magnetic data suggest that the western extent of the landfilled wastes has not been determined and may extend beyond the area investigated. It is therefore recommended that additional EM and magnetometer data be collected west of the limits of the original survey. This additional survey area would include the brushy area west of the golf course green for hole No. 4 and west of the adjacent northern portion of the forested area (Figure 9-1). Due to the brush and trees, it is also recommended that position data be collected with a dual-frequency, 12-channel DGPS or a single-frequency, 24-channel or greater DGPS.

9.2 LANDFILL COVER

The GPR and hand auger boring program determined the thickness of the existing soil cover over the former landfill. The cover thickness varies from less than 0.5 foot in the northern part of the wooded area south of the golf course to more than 6 feet in the southern part of this area. The cover thickness over the golf course is typically about 2 feet.

The results of the investigation were sufficient to define the cover thickness over the area investigated. It is therefore recommended that no further GPR or hand auger data be collected within the boundaries of this area. If it is determined that the landfill extends beyond the area already investigated, hand auger data should be collected to determine the cover thickness in the uninvestigated area.

9.3 SURFACE WATER, SEDIMENT, AND SURFACE SOIL SAMPLING

One organic and several inorganic chemicals were detected in the surface water at the site. Bis(2-ethylhexyl)phthalate, copper, iron, lead, mercury, and zinc were detected above screening criteria. Six organic and several inorganic chemicals were detected in sediments at OU 2. Chlordane was found above the screening criterion in one sample.

The contaminants in the surface water and sediments on site could migrate to nearby off-site areas. It is recommended that off-site sampling be conducted to determine if migration has occurred.

FIGURE 9-1

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ADDITIONAL GEOPHYSICS AND SURFACE SOIL SAMPLING
McCOY ANNEX LANDFILL
TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

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Several organic and inorganic chemicals were identified in surface soil samples from OU 2. Contaminants were found to exceed the criteria of all three screening scenarios (residential, industrial, and leaching). One inorganic and five organic chemicals exceeded residential criteria in at least one sample. One inorganic and four organic chemicals were found at concentrations above industrial criteria in at least one sample. Five organic chemicals exceeded leaching criteria in at least one sample.

Screening criteria are used to determine if risk assessment is warranted. Based on the results presented, it is recommended that risk assessment be performed during the remaining phase of the RI to determine whether surface soils pose unacceptable risks under expected land use scenarios.

If the additional geophysical investigation recommended above determines that the landfill extends farther to the west than the current coverage of the surface soil sampling program, additional data should be collected to evaluate this area.

9.4 SOIL ORGANIC VAPOR SURVEY

The SOV survey detected several organic chemicals. The locations and chemicals identified correlate well with the results of the other sampling and evaluations performed. No methane was detected above background at the site. No further SOV sampling is recommended at the site.

9.5 DIRECT PUSH GROUNDWATER SAMPLING

Several VOCs were detected in the groundwater at OU 2, generally in the intermediate-depth samples. Five distinct areas were affected. Additional DPT investigation is recommended at each of the five areas to determine the extent of the identified plumes. Installation of piezometers is recommended to better determine the direction of groundwater flow for the entire site. In conjunction with the installation of piezometers, measurement of elevations of surface water bodies is also suggested.

9.6 CONE PENETROMETER TESTING

The CPT program met its objectives. The lithostratigraphy of the site has been evaluated in preparation for the installation of permanent monitoring wells as indicated in the Work Plan (B&R Environmental, 1997). No further CPT investigation is recommended.

9.7 SUITABILITY FOR TRANSFER OF PROPERTY

Chemicals were detected above screening levels in surface water, sediment, and surface soil samples. Therefore, consideration of the suitability of this property for transfer or lease should be deferred pending the results of the risk assessment to be performed at the conclusion of investigation activities.

10.0 REFERENCES

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APPENDIX A

SURFACE WATER, SEDIMENT, AND SURFACE SOIL ANALYTICAL RESULTS AND SCREENING TABLES

DATA VALIDATION

1.0 INTRODUCTION

Chemistry data from the fixed-base analytical laboratory were subjected to data validation. Data validation is an objective, systematic process in which analytical data are reviewed against a set of criteria to ascertain the validity of the reported results and to identify for the data user the possible limitations of these results. The following summarizes the various aspects of the data validation process.

2.0 GENERAL DATA VALIDATION PROCEDURES

The fixed-base analytical data were generated according to Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846) and data validation was performed in accordance with the U.S. EPA's National Functional Guidelines for Organic and Inorganic Data Review.

The validation process included consideration of the following: data completeness, holding time compliance, mass calibrations, field QC and laboratory generated blanks, internal standards, surrogate spikes, blank spikes, matrix spikes, field duplicate precision, chemical interferences, quantitation, detection limits, and system performance. Evaluation of laboratory and field QC blank analyses aided in the elimination of false positive results which were identified as laboratory and/or field artifacts. Noncompliances observed during the validation process resulted in qualification of analytical data. The qualifiers alert the data user to imprecise or estimated results, and, in the worst case, unreliable and unusable data.

3.0 DATA VALIDATION QUALIFIERS

The addition of the data qualifiers to analytical results signifies the occurrence of quality control noncompliances which have been noted during the course of data validation. The various data qualifiers are defined as follows:

- U - Indicates that the chemical was not detected at the numerical detection limit (quantitation limit) noted. Nondetected results from the laboratory are reported in this manner. This qualifier is also added by the data reviewer to positive results which are considered to be false postives attributable to laboratory or field contamination.

- **UJ** - Indicates that the chemical was not detected. However, the detection limit (quantitation limit) is considered to be estimated based on problems encountered during laboratory analysis. The associated numerical detection limit is regarded as imprecise. No bias can assigned to this estimate.

- **J** - Indicates that the chemical was detected. However, the associated numerical result is an imprecise representation of the amount which is actually present in the sample. The laboratory-reported quantity is considered to be an estimate. No bias can be assigned to this estimate.

- **UR** - Indicates that the nondetected analytical result reported by the laboratory is considered to be unreliable and unusable and has been rejected. The chemical may or may not be present leaving the potential for reporting of false negative results. This qualifier is applied in cases of gross technical deficiencies (e.g., holding times missed by a factor of two times the specified time limit, severe calibration noncompliance, and extremely low quality control recoveries).

The preceding data qualifiers may be categorized as indicative of major or minor problems. Major problems are defined as issues that result in the rejection of data, qualified with UR data validation qualifiers. These data are considered invalid and are not used for risk assessment and decision making. Minor problems are defined as issues resulting in the estimation of data, qualified with the J and UJ data validation qualifiers. Estimated analytical results (regardless of bias or lack thereof) are considered to be suitable for risk assessment and decision making purposes.

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07	SW08	SW09	SW10	SW1002
VOLATILES												
1,1,1-TRICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,1,2,2-TETRACHLOROETHANE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	
1,1,2-TRICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,1-DICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,1-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,2-DICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,2-DICHLOROPROPANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
2-BUTANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	
2-HEXANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	
ACETONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UR UG/L	10 UR UG/L	50 U UG/L	10 UR UG/L	10 UR UG/L	
BENZENE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 UJ UG/L	1.0 U UG/L	1.0 U UG/L	
BROMODICHLOROMETHANE	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	
BROMOFORM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
BROMOMETHANE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	
CARBON DISULFIDE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CARBON TETRACHLORIDE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CHLOROBENZENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 UJ UG/L	2.0 U UG/L	2.0 U UG/L	
CHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CHLOROFORM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CHLOROMETHANE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	
CIS-1,2-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CIS-1,3-DICHLOROPROPENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
DIBROMOCHLOROMETHANE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	2.0 U UG/L	1.0 U UG/L	1.0 U UG/L	
ETHYLBENZENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 UJ UG/L	2.0 U UG/L	2.0 U UG/L	
METHYLENE CHLORIDE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	
STYRENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 UJ UG/L	2.0 U UG/L	2.0 U UG/L	
TETRACHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
TOLUENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 UJ UG/L	2.0 U UG/L	2.0 U UG/L	
TRANS-1,2-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	2.0 U UG/L	1.0 U UG/L	1.0 U UG/L	
TRICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
VINYL CHLORIDE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	
XYLENES, TOTAL	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 UJ UG/L	6.0 U UG/L	6.0 U UG/L	

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07	SW08	SW09	SW10	SW1002
SEMIVOLATILES												
1,2,4-TRICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
1,2-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
1,3-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
1,4-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2,4,5-TRICHLOROPHENOL	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
2,4,6-TRICHLOROPHENOL	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
2,4-DICHLOROPHENOL	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2,4-DINITROPHENOL	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 UJ UG/L	25 UJ UG/L	25 U UG/L	25 UJ UG/L	25 UJ UG/L	
2,4-DINITROTOLUENE	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 U UG/L	0.2 UJ UG/L	0.2 UJ UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 U UG/L	0.2 UJ UG/L	0.2 UJ UG/L	
2-CHLORONAPHTHALENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2-CHLOROPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2-METHYLNAPHTHALENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
2-NITROPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
3&4-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
3-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-CHLOROANILINE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
4-NITROPHENOL	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 UJ UG/L	15 UJ UG/L	15 U UG/L	15 UJ UG/L	15 UJ UG/L	
ACENAPHTHENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
ACENAPHTHYLENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
ANTHRACENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
BENZO(A)ANTHRACENE	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
BENZO(A)PYRENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 U UG/L	0.2 UJ UG/L	0.2 UJ UG/L	
BENZO(B)FLUORANTHENE	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
BENZO(K)FLUORANTHENE	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07	SW08	SW09	SW10	SW1002
SEMIVOLATILES CONTINUED												
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 UJ UG/L	1.5 UJ UG/L	1.5 U UG/L	1.5 UJ UG/L	1.5 UJ UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 UJ UG/L	6.0 UJ UG/L	6.0 U UG/L	6.0 UJ UG/L	6.0 UJ UG/L	10.3 UG/L	6.0 UJ UG/L	6.0 UJ UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
CARBAZOLE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
CHRYSENE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 UJ UG/L	5.0 UJ UG/L	5.0 U UG/L	5.0 UJ UG/L	5.0 UJ UG/L	5.0 U UG/L	5.0 UJ UG/L	5.0 UJ UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
DIBENZO(A,H)ANTHRACENE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	
DIBENZOFURAN	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
DIETHYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
DIMETHYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
FLUORANTHENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
FLUORENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
HEXACHLOROBENZENE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 UJ UG/L	1.0 UJ UG/L	1.0 U UG/L	1.0 UJ UG/L	1.0 UJ UG/L	
HEXACHLOROBUTADIENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
HEXACHLOROETHANE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
INDENO(1,2,3-CD)PYRENE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
ISOPHORONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
N-NITROSO-DI-N-PROPYLAMINE	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
N-NITROSODIPHENYLAMINE	7.0 U UG/L	7.0 U UG/L	7.0 U UG/L	7.0 U UG/L	7.0 U UG/L	7.0 U UG/L	7.0 UJ UG/L	7.0 UJ UG/L	7.0 U UG/L	7.0 UJ UG/L	7.0 UJ UG/L	
NAPHTHALENE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 UJ UG/L	5.0 UJ UG/L	5.0 U UG/L	5.0 UJ UG/L	5.0 UJ UG/L	
NITROBENZENE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
PHENANTHRENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
PHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
PYRENE	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07	SW08	SW09	SW10	SW1002
PESTICIDES/PCBs												
4,4'-DDD	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	
4,4'-DDE	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	
4,4'-DDT	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	
ALDRIN	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	
ALPHA-BHC	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	
ALPHA-CHLORDANE	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	
AROCLOR-1016						0.23 U UG/L	0.23 U UG/L					
AROCLOR-1221						0.19 U UG/L	0.19 U UG/L					
AROCLOR-1232						0.054 U UG/L	0.054 U UG/L					
AROCLOR-1242						0.025 U UG/L	0.025 U UG/L					
AROCLOR-1248						0.40 U UG/L	0.40 U UG/L					
AROCLOR-1254						0.20 U UG/L	0.20 U UG/L					
AROCLOR-1260						0.31 U UG/L	0.31 U UG/L					
BETA-BHC	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	
DELTA-BHC	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	
DIELDRIN	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	
ENDOSULFAN I	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	
ENDOSULFAN II	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	
ENDOSULFAN SULFATE	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	
ENDRIN	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	
ENDRIN ALDEHYDE	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	
ENDRIN KETONE	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	
GAMMA-BHC (LINDANE)	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	
GAMMA-CHLORDANE	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	
HEPTACHLOR	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	
HEPTACHLOR EPOXIDE	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	
METHOXYCHLOR	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	
TOXAPHENE	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07	SW08	SW09	SW10	SW1002
HERBICIDES												
2,4,5-T	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	
2,4-D	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	
2,4-DB	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	
DALAPON	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	
DICAMBA	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	
DICHLOROPROP	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	
DINOSEB	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	
MCPA	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	
MCPP	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	
PENTACHLOROPHENOL	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07	SW08	SW09	SW10	SW1002
TOTAL PETROLEUM HYDROCARBONS												
DIESEL RANGE ORGANICS	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.50 U MG/L	0.5 U MG/L	0.5 U MG/L	
GASOLINE RANGE ORGANICS	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.10 U MG/L	0.1 U MG/L	0.1 U MG/L	

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07	SW08	SW09	SW10	SW1002
METALS												
ALUMINUM	246 U UG/L	120 U UG/L	126 U UG/L	96.8 U UG/L	468 J UG/L	3700 J UG/L	249 U UG/L	908 J UG/L	472 UG/L	5700 J UG/L	22600 J UG/L	2600 UG/L
ANTIMONY	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	10.0 U UG/L
ARSENIC	4.5 U UG/L	4.5 U UG/L	4.5 U UG/L	4.5 U UG/L	4.5 U UG/L	5.0 UG/L	4.5 U UG/L	5.4 UG/L	4.5 U UG/L	7.0 UG/L	18.4 UG/L	10.0 U UG/L
BARIUM	10.0 U UG/L	10.0 U UG/L	10.6 UG/L	11.6 UG/L	11.1 UG/L	26.9 UG/L	15.9 UG/L	11.8 UG/L	12.2 UG/L	43.0 UG/L	118 UG/L	200 U UG/L
BERYLLIUM	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.29 U UG/L	3.9 U UG/L	10.0 U UG/L
CADMIUM	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	1.8 U UG/L	10.0 U UG/L
CALCIUM	10400 UG/L	10400 UG/L	10500 UG/L	9460 UG/L	10300 UG/L	14700 UG/L	12100 UG/L	10100 UG/L	12500 UG/L	11900 UG/L	41000 UG/L	25800 UG/L
CHROMIUM	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	6.6 UG/L	1.8 U UG/L	2.2 UG/L	1.8 U UG/L	11.2 UG/L	29.2 UG/L	10.0 U UG/L
COBALT	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	12.4 UG/L	50.0 U UG/L
COPPER	2.7 U UG/L	2.7 U UG/L	3.9 UG/L	2.7 U UG/L	2.8 UG/L	13.3 UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	13.8 UG/L	36.2 UG/L	30.0 U UG/L
CYANIDE	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	
IRON	272 J UG/L	292 J UG/L	324 J UG/L	606 J UG/L	288 J UG/L	1330 J UG/L	146 J UG/L	588 J UG/L	1240 UG/L	6530 J UG/L	49000 J UG/L	3200 UG/L
LEAD	1.4 U UG/L	1.4 U UG/L	1.4 U UG/L	1.4 U UG/L	1.4 U UG/L	16.6 UG/L	1.4 U UG/L	1.4 U UG/L	1.4 U UG/L	5.7 UG/L	41.1 UG/L	10.0 UG/L
MAGNESIUM	1090 UG/L	1100 UG/L	1350 UG/L	731 UG/L	1230 UG/L	3360 UG/L	3380 UG/L	3310 UG/L	1200 UG/L	4130 UG/L	8240 UG/L	10300 UG/L
MANGANESE	6.5 J UG/L	9.3 J UG/L	14.7 J UG/L	4.3 U UG/L	3.1 U UG/L	55.0 J UG/L	24.4 J UG/L	57.7 J UG/L	6.4 UG/L	31.6 J UG/L	1360 J UG/L	50.0 UG/L
MERCURY	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.18 UG/L	10.0 U UG/L
NICKEL	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.9 UG/L	9.2 UG/L	40.0 U UG/L
POTASSIUM	1850 UG/L	1860 UG/L	2020 UG/L	341 UG/L	1780 UG/L	3800 UG/L	3190 UG/L	2640 UG/L	1160 UG/L	2830 UG/L	3240 UG/L	5000 UG/L
SELENIUM	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	4.0 UG/L	10.0 U UG/L
SILVER	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	10.0 U UG/L
SODIUM	7520 UG/L	5860 UG/L	6370 UG/L	2680 UG/L	6470 UG/L	16100 UG/L	14300 UG/L	16400 UG/L	5370 UG/L	20700 UG/L	13400 UG/L	22500 UG/L
THALLIUM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	20.0 U UG/L	10.0 U UG/L
VANADIUM	1.6 U UG/L	1.6 U UG/L	1.6 U UG/L	1.6 U UG/L	1.6 U UG/L	9.0 UG/L	2.0 UG/L	4.5 UG/L	1.6 U UG/L	15.0 UG/L	272 UG/L	50.0 U UG/L
ZINC	7.4 U UG/L	6.4 U UG/L	10.7 U UG/L	10.8 U UG/L	7.2 U UG/L	27.8 UG/L	6.1 U UG/L	3.8 U UG/L	11.1 UG/L	37.9 UG/L	173 UG/L	80.0 UG/L

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07	SW08	SW09	SW10	SW1002
MISCELLANEOUS												
ALKALINITY AS CACO3	23.9 MG/L	24.9 MG/L	24.4 MG/L	20.5 MG/L	21.4 MG/L	24.4 MG/L	30.2 MG/L	19.9 MG/L	61.3 MG/L	17.1 MG/L	64.4 MG/L	
HARDNESS AS CaCO3	34.4 MG/L	28.6 MG/L	32.5 MG/L	43.9 MG/L	51.6 MG/L	61.1 MG/L	42 MG/L	45.8 MG/L		59.2 MG/L	155 MG/L	
TOTAL DISSOLVED SOLIDS	106 MG/L	169 MG/L	153 MG/L	122 MG/L	104 MG/L	223 MG/L	159 MG/L	365 MG/L	90 MG/L	166 MG/L	67 MG/L	
TOTAL SUSPENDED SOLIDS	9 MG/L	23 MG/L	4 U MG/L	11 MG/L	4 U MG/L	120 MG/L	31 MG/L	85 MG/L	42 MG/L	100 MG/L	725 MG/L	

PARAMETER	SW01	SW02	SW03	SW04	SW05	SW06	SW06-D	SW07
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	0 36 +/- 0 52 U PCI/L	0 29 +/- 0 40 U PCI/L	1 07 +/- 0 50 J PCI/L	-0 20 +/- 0 44 U PCI/L	1 25 +/- 0 46 J PCI/L	7 32 +/- 1 35 J PCI/L	3 03 +/- 0 78 J PCI/L	-0 04 +/- 0 38 U PCI/L
GROSS BETA	1 52 +/- 0 58 PCI/L	2 21 +/- 0 62 PCI/L	1 34 +/- 0 59 PCI/L	0 07 +/- 0 48 U PCI/L	0 04 +/- 0 50 U PCI/L	6 06 +/- 0 95 PCI/L	3 69 +/- 0 72 PCI/L	1 19 +/- 0 55 PCI/L

PARAMETER	SW08	SW09	SW10	SW1002
RADIOLOGICAL PARAMETERS				
GROSS ALPHA	5.33 +/-1.03 PCI/L	13.7 +/- 2.37 J PCI/L	27.1 +/- 4.91 J PCI/L	11.0 +/- 2.03 PCI/L
GROSS BETA	2.39 +/-0.63 PCI/L	7.53 +/- 1.09 PCI/L	11.5 +/- 2.70 PCI/L	7.43 +/- 1.3 PCI/L

PARAMETER	SD01	SD02	SD03	SD04	SD05	SD06	SD06-D	SD07	SD08	SD09	SD10
VOLATILES											
1,1,1-TRICHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,1,2,2-TETRACHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,1,2-TRICHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,1-DICHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,1-DICHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,2-DICHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,2-DICHLOROPROPANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
2-BUTANONE	13 UR UG/KG	12 UR UG/KG	12 UR UG/KG	13 UR UG/KG	16 UR UG/KG	13 UR UG/KG	13 UR UG/KG	12 UR UG/KG	12 U UG/KG	14 UR UG/KG	14 UR UG/KG
2-HEXANONE	13 U UG/KG	12 U UG/KG	12 U UG/KG	13 U UG/KG	16 U UG/KG	13 U UG/KG	13 U UG/KG	12 U UG/KG	12 U UG/KG	14 U UG/KG	14 U UG/KG
4-METHYL-2-PENTANONE	13 U UG/KG	12 U UG/KG	12 U UG/KG	13 U UG/KG	16 U UG/KG	13 U UG/KG	13 U UG/KG	12 U UG/KG	12 U UG/KG	14 U UG/KG	14 U UG/KG
ACETONE	13 UR UG/KG	12 UR UG/KG	12 UR UG/KG	13 UR UG/KG	16 UR UG/KG	13 UR UG/KG	13 UR UG/KG	12 UR UG/KG	60 U UG/KG	14 UR UG/KG	14 UR UG/KG
BENZENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	4.1 UG/KG	6.8 U UG/KG	6.8 U UG/KG
BROMODICHLOROMETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
BROMOFORM	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
BROMOMETHANE	13 U UG/KG	12 U UG/KG	12 U UG/KG	13 U UG/KG	16 U UG/KG	13 U UG/KG	13 U UG/KG	12 U UG/KG	6.0 U UG/KG	14 U UG/KG	14 U UG/KG
CARBON DISULFIDE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CARBON TETRACHLORIDE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CHLOROBENZENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CHLOROFORM	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CHLOROMETHANE	13 U UG/KG	12 U UG/KG	12 U UG/KG	13 U UG/KG	16 U UG/KG	13 U UG/KG	13 U UG/KG	12 U UG/KG	6.0 U UG/KG	14 U UG/KG	14 U UG/KG
CIS-1,2-DICHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CIS-1,3-DICHLOROPROPENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
DIBROMOCHLOROMETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
ETHYLBENZENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	4.2 UG/KG	6.8 U UG/KG	6.8 U UG/KG
METHYLENE CHLORIDE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	6.0 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
STYRENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TETRACHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TOLUENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TRANS-1,2-DICHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TRANS-1,3-DICHLOROPROPENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TRICHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
VINYL CHLORIDE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	6.0 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
XYLENES, TOTAL	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	5.9 UG/KG	6.8 U UG/KG	6.8 U UG/KG

PARAMETER	SD01	SD02	SD03	SD04	SD05	SD06	SD06-D	SD07	SD08	SD09	SD10
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
1,2-DICHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
1,3-DICHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
1,4-DICHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,4,5-TRICHLOROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,4,6-TRICHLOROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,4-DICHLOROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,4-DIMETHYLPHENOL	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
2,4-DINITROPHENOL	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
2,4-DINITROTOLUENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,6-DINITROTOLUENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-CHLORONAPHTHALENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-CHLOROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-METHYLNAPHTHALENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-METHYLPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-NITROANILINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-NITROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
3&4-METHYLPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
3,3'-DICHLOROBENZIDINE	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
3-NITROANILINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-BROMOPHENYL PHENYL ETHER	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-CHLORO-3-METHYLPHENOL	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
4-CHLOROANILINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-NITROANILINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-NITROPHENOL	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
ACENAPHTHENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
ACENAPHTHYLENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
ANTHRACENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BENZO(A)ANTHRACENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 U UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BENZO(A)PYRENE	120 UJ UG/KG	100 UJ UG/KG	110 UJ UG/KG	110 UJ UG/KG	130 UJ UG/KG	100 UJ UG/KG	110 UJ UG/KG	110 UJ UG/KG	100 U UG/KG	110 U UG/KG	100 U UG/KG
BENZO(B)FLUORANTHENE	470 UJ UG/KG	400 UJ UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
BENZO(G,H,I)PERYLENE	470 UJ UG/KG	400 UJ UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
BENZO(K)FLUORANTHENE	470 UJ UG/KG	400 UJ UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG

PARAMETER	SD01	SD02	SD03	SD04	SD05	SD06	SD06-D	SD07	SD08	SD09	SD10
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BIS(2-CHLOROETHYL)ETHER	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BUTYLBENZYL PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
CARBAZOLE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
CHRYSENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
DI-N-BUTYL PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
DI-N-OCTYL PHTHALATE	470 UJ UG/KG	400 U UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
DIBENZO(A,H)ANTHRACENE	120 UJ UG/KG	100 UJ UG/KG	110 UJ UG/KG	110 UJ UG/KG	130 UJ UG/KG	100 UJ UG/KG	110 UJ UG/KG	110 UJ UG/KG	100 U UG/KG	110 U UG/KG	100 U UG/KG
DIBENZOFURAN	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
DIETHYL PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
DIMETHYL PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
FLUORANTHENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
FLUORENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HEXACHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HEXACHLOROBUTADIENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HEXACHLOROCYCLOPENTADIENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HEXACHLOROETHANE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
INDENO(1,2,3-CD)PYRENE	470 UJ UG/KG	400 UJ UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
ISOPHORONE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	23 U UG/KG	20 U UG/KG	22 U UG/KG	22 U UG/KG	27 U UG/KG	21 U UG/KG	23 UJ UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG	21 U UG/KG
N-NITROSODIPHENYLAMINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
NAPHTHALENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
NITROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
PHENANTHRENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
PHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
PYRENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG

PARAMETER	SD01	SD02	SD03	SD04	SD05	SD06	SD06-D	SD07	SD08	SD09	SD10
PESTICIDES/PCBs											
4,4'-DDD	2.3 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.9 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.4 U UG/KG	2.4 U UG/KG
4,4'-DDE	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.4 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
4,4'-DDT	5.0 U UG/KG	4.8 U UG/KG	4.8 U UG/KG	5.1 U UG/KG	6.6 U UG/KG	5.0 U UG/KG	5.1 U UG/KG	4.9 U UG/KG	4.9 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
ALDRIN	4.0 U UG/KG	3.8 U UG/KG	3.8 U UG/KG	4.0 U UG/KG	5.2 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	3.9 U UG/KG	3.9 U UG/KG	4.3 U UG/KG	4.3 U UG/KG
ALPHA-BHC	0.88 U UG/KG	0.84 U UG/KG	0.85 U UG/KG	0.89 U UG/KG	1.1 U UG/KG	0.88 U UG/KG	0.90 U UG/KG	0.86 U UG/KG	0.85 U UG/KG	0.95 U UG/KG	0.95 U UG/KG
ALPHA-CHLORDANE	0.92 U UG/KG	0.88 U UG/KG	0.89 U UG/KG	0.93 U UG/KG	1.2 U UG/KG	0.92 U UG/KG	0.94 U UG/KG	0.91 U UG/KG	0.90 U UG/KG	1.0 U UG/KG	2.5 UG/KG
AROCLOR-1016						22 U UG/KG	23 U UG/KG				
AROCLOR-1221						8.0 U UG/KG	8.2 U UG/KG				
AROCLOR-1232						18 U UG/KG	18 U UG/KG				
AROCLOR-1242						12 U UG/KG	12 U UG/KG				
AROCLOR-1248						9.2 U UG/KG	9.4 U UG/KG				
AROCLOR-1254						14 U UG/KG	14 U UG/KG				
AROCLOR-1260						19 U UG/KG	20 U UG/KG				
BETA-BHC	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.6 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DELTA-BHC	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	2.0 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
DIELDRIN	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.4 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN I	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.5 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN II	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.8 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDOSULFAN SULFATE	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	6.0 U UG/KG	4.6 U UG/KG	4.7 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	5.0 U UG/KG	5.0 U UG/KG
ENDRIN	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	2.3 U UG/KG	1.8 U UG/KG	1.8 U UG/KG	1.8 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.9 U UG/KG
ENDRIN ALDEHYDE	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	2.2 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
ENDRIN KETONE	8.4 U UG/KG	8.0 U UG/KG	8.1 U UG/KG	8.4 U UG/KG	11 U UG/KG	8.4 U UG/KG	8.6 U UG/KG	8.2 U UG/KG	8.1 U UG/KG	9.1 U UG/KG	9.0 U UG/KG
GAMMA-BHC (LINDANE)	0.92 U UG/KG	0.88 U UG/KG	0.89 U UG/KG	0.93 U UG/KG	1.2 U UG/KG	0.92 U UG/KG	0.94 U UG/KG	0.91 U UG/KG	0.90 U UG/KG	1.0 U UG/KG	0.99 U UG/KG
GAMMA-CHLORDANE	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.4 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	4.4 UG/KG
HEPTACHLOR	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.4 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.2 U UG/KG	1.3 UG/KG
HEPTACHLOR EPOXIDE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.5 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
METHOXYCHLOR	7.6 U UG/KG	7.2 U UG/KG	7.2 U UG/KG	7.6 U UG/KG	9.8 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.3 U UG/KG	8.2 U UG/KG	8.1 U UG/KG
TOXAPHENE	84 U UG/KG	80 U UG/KG	81 U UG/KG	84 U UG/KG	110 U UG/KG	84 U UG/KG	86 U UG/KG	82 U UG/KG	81 U UG/KG	91 U UG/KG	90 U UG/KG

PARAMETER	SD01	SD02	SD03	SD04	SD05	SD06	SD06-D	SD07	SD08	SD09	SD10
HERBICIDES											
2,4,5-T	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	2.1 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
2,4,5-TP (SILVEX)	1.9 U UG/KG	1.8 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	2.5 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	2.1 U UG/KG	2.0 U UG/KG
2,4-D	8.8 U UG/KG	8.3 U UG/KG	8.5 U UG/KG	8.9 U UG/KG	12 U UG/KG	8.8 U UG/KG	8.3 U UG/KG	8.8 U UG/KG	8.5 U UG/KG	9.5 U UG/KG	9.5 U UG/KG
2,4-DB	5.1 U UG/KG	4.8 U UG/KG	4.9 U UG/KG	5.1 U UG/KG	6.6 U UG/KG	5.1 U UG/KG	4.7 U UG/KG	5.0 U UG/KG	4.9 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
DALAPON	10 U UG/KG	9.5 U UG/KG	9.8 U UG/KG	10 U UG/KG	13 U UG/KG	10 U UG/KG	9.4 U UG/KG	10 U UG/KG	9.7 U UG/KG	11 U UG/KG	11 U UG/KG
DICAMBA	5.1 U UG/KG	4.8 U UG/KG	4.9 U UG/KG	5.1 U UG/KG	6.6 U UG/KG	5.1 U UG/KG	4.7 U UG/KG	5.0 U UG/KG	4.9 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
DICHLOROPROP	25 U UG/KG	24 U UG/KG	24 U UG/KG	25 U UG/KG	33 U UG/KG	25 U UG/KG	24 U UG/KG	25 U UG/KG	24 U UG/KG	27 U UG/KG	27 U UG/KG
DINOSEB	5.1 U UG/KG	4.8 U UG/KG	4.9 U UG/KG	5.1 U UG/KG	6.6 U UG/KG	5.1 U UG/KG	4.7 U UG/KG	5.0 U UG/KG	4.9 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG
MCPA	2500 U UG/KG	2400 U UG/KG	2400 U UG/KG	2500 U UG/KG	3300 U UG/KG	2500 U UG/KG	2400 U UG/KG	2500 U UG/KG	2400 U UG/KG	2700 U UG/KG	2700 U UG/KG
MCPP	1300 U UG/KG	1200 U UG/KG	1200 U UG/KG	1300 U UG/KG	1600 U UG/KG	1300 U UG/KG	1200 U UG/KG	1200 U UG/KG	1200 U UG/KG	1400 U UG/KG	1400 U UG/KG
PENTACHLOROPHENOL	2.5 U UG/KG	2.4 U UG/KG	2.4 U UG/KG	2.5 U UG/KG	3.3 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.7 U UG/KG	2.7 U UG/KG

PARAMETER	SD01	SD02	SD03	SD04	SD05	SD06	SD06-D	SD07	SD08	SD09	SD10
TOTAL PETROLEUM HYDROCARBONS											
DIESEL RANGE ORGANICS	12 U MG/KG	10 U MG/KG	11 U MG/KG	11 U MG/KG	13 U MG/KG	10 U MG/KG	11 U MG/KG	11 U MG/KG	10 U MG/KG	11 U MG/KG	10 U MG/KG
GASOLINE RANGE ORGANICS	0.14 U MG/KG	0.12 U MG/KG	0.13 U MG/KG	0.13 U MG/KG	0.16 U MG/KG	0.12 U MG/KG	0.14 U MG/KG	0.13 U MG/KG	0.12 U MG/KG	0.13 U MG/KG	0.13 U MG/KG

PARAMETER	SD01	SD02	SD03	SD04	SD05	SD06	SD06-D	SD07	SD08	SD09	SD10
METALS											
ALUMINUM	409 J MG/KG	852 J MG/KG	233 J MG/KG	788 J MG/KG	3640 J MG/KG	4010 J MG/KG	1310 J MG/KG	2460 J MG/KG	2800 MG/KG	1230 J MG/KG	1230 J MG/KG
ANTIMONY	0.34 U MG/KG	0 32 U MG/KG	0.33 U MG/KG	0 34 U MG/KG	0 45 U MG/KG	0.34 U MG/KG	0.35 U MG/KG	0 34 U MG/KG	0 33 UJ MG/KG	0.37 U MG/KG	0 37 U MG/KG
ARSENIC	0.57 U MG/KG	0 54 U MG/KG	0.55 U MG/KG	0 82 MG/KG	0 74 U MG/KG	0.58 MG/KG	0.58 U MG/KG	0.56 U MG/KG	0.55 U MG/KG	0.07 MG/KG	0 61 U MG/KG
BARIUM	2.2 MG/KG	5 3 MG/KG	4 1 MG/KG	1.7 MG/KG	12 8 MG/KG	19 2 MG/KG	6 8 MG/KG	11 8 MG/KG	10.8 MG/KG	2 1 MG/KG	5 4 MG/KG
BERYLLIUM	0 02 U MG/KG	0 05 U MG/KG	0 01 U MG/KG	0 04 U MG/KG	0 06 U MG/KG	0 05 U MG/KG	0 02 U MG/KG	0 05 U MG/KG	0 03 U MG/KG	0 04 U MG/KG	0 12 U MG/KG
CADMIUM	0 06 U MG/KG	0 06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0 08 U MG/KG	0 06 U MG/KG	0.06 U MG/KG	0 06 U MG/KG	0 061 U MG/KG	0.68 U MG/KG	0.07 U MG/KG
CALCIUM	186 MG/KG	210 MG/KG	42.6 MG/KG	92 7 MG/KG	175 MG/KG	530 MG/KG	408 MG/KG	467 MG/KG	188 MG/KG	73 8 MG/KG	227 MG/KG
CHROMIUM	0.76 MG/KG	1 2 MG/KG	0.63 MG/KG	1 8 MG/KG	4 3 MG/KG	5.9 MG/KG	2 0 MG/KG	3 5 MG/KG	2 2 MG/KG	1 6 MG/KG	1 6 MG/KG
COBALT	0 22 U MG/KG	0 20 U MG/KG	0 21 U MG/KG	0 22 U MG/KG	0 28 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 21 U MG/KG	0 21 U MG/KG	0 29 MG/KG	0 23 U MG/KG
COPPER	0 71 MG/KG	0 48 MG/KG	0 34 MG/KG	0 82 MG/KG	2 1 MG/KG	0 74 MG/KG	1 6 MG/KG	0 79 MG/KG	0 74 MG/KG	0 60 MG/KG	1 1 MG/KG
CYANIDE	1.4 UJ MG/KG	1 2 UJ MG/KG	1 3 UJ MG/KG	1 3 UJ MG/KG	1 6 UJ MG/KG	1 2 UJ MG/KG	1 4 UJ MG/KG	1 3 UJ MG/KG		1 3 UJ MG/KG	1 2 UJ MG/KG
IRON	137 MG/KG	307 MG/KG	37 1 MG/KG	1750 MG/KG	177 MG/KG	234 MG/KG	191 MG/KG	161 MG/KG	266 MG/KG	594 MG/KG	241 MG/KG
LEAD	1 2 MG/KG	1 2 MG/KG	1 2 MG/KG	1 2 MG/KG	5 4 MG/KG	2 8 MG/KG	2 5 MG/KG	4 8 MG/KG	2 9 MG/KG	0 86 MG/KG	2 1 MG/KG
MAGNESIUM	12 3 U MG/KG	68 6 MG/KG	4 1 U MG/KG	11 8 U MG/KG	28 1 U MG/KG	99 3 MG/KG	47 8 MG/KG	66 6 MG/KG	62 8 MG/KG	19 6 U MG/KG	26 5 U MG/KG
MANGANESE	0.58 MG/KG	0 74 MG/KG	0 25 U MG/KG	0 47 U MG/KG	0 64 U MG/KG	2 5 MG/KG	1 5 MG/KG	1 6 MG/KG	0 84 MG/KG	0.30 U MG/KG	1 1 MG/KG
MERCURY	0 10 U MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 10 U MG/KG	0 13 U MG/KG	0 10 U MG/KG	0.10 U MG/KG	0 10 U MG/KG	0 10 U MG/KG	0 11 U MG/KG	0 11 U MG/KG
NICKEL	0 25 U MG/KG	0 24 MG/KG	0 24 U MG/KG	0 32 MG/KG	0 57 MG/KG	0 48 MG/KG	0 26 U MG/KG	0 40 MG/KG	1 1 MG/KG	0 47 MG/KG	0 31 MG/KG
POTASSIUM	20 8 MG/KG	28 9 MG/KG	13 2 MG/KG	26 2 MG/KG	48 3 MG/KG	69 2 MG/KG	29 4 MG/KG	28 4 MG/KG	45 9 MG/KG	20 0 MG/KG	20 5 MG/KG
SELENIUM	0 47 U MG/KG	0 44 U MG/KG	0 45 U MG/KG	0 47 U MG/KG	1 0 MG/KG	0 81 MG/KG	0 48 U MG/KG	0 46 U MG/KG	0 52 MG/KG	0 51 U MG/KG	0 66 MG/KG
SILVER	0 25 U MG/KG	0 24 U MG/KG	0 24 U MG/KG	0 25 U MG/KG	0 33 U MG/KG	0 25 U MG/KG	0 26 U MG/KG	0 25 U MG/KG	0 25 U MG/KG	0 27 U MG/KG	0 27 U MG/KG
SODIUM	104 U MG/KG	99 0 U MG/KG	101 U MG/KG	105 U MG/KG	136 U MG/KG	105 U MG/KG	106 U MG/KG	103 U MG/KG	101 U MG/KG	113 U MG/KG	112 U MG/KG
THALLIUM	0.51 U MG/KG	0 48 U MG/KG	0 49 U MG/KG	0 51 U MG/KG	0 66 U MG/KG	0 70 U MG/KG	0 52 U MG/KG	0 50 U MG/KG	0 83 U MG/KG	0 55 U MG/KG	0 54 U MG/KG
VANADIUM	0 64 MG/KG	1 2 MG/KG	0 30 MG/KG	7 4 MG/KG	3 5 MG/KG	2 2 MG/KG	1 0 MG/KG	1 5 MG/KG	2 8 MG/KG	2 9 MG/KG	24 9 MG/KG
ZINC	2 7 MG/KG	0 39 U MG/KG	0 23 U MG/KG	27 8 MG/KG	1 1 U MG/KG	0 51 U MG/KG	1 6 U MG/KG	1 3 U MG/KG	1 7 MG/KG	0 32 U MG/KG	1 7 MG/KG

PARAMETER	SD01	SD02	SD03	SD04	SD05	SD06	SD06-D	SD07
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	0.495 +/- 0.088 PCI/G	1.34 +/- 0.182 PCI/G	0.186 +/- 0.058 PCI/G	0.201 +/- 0.061 PCI/G	2.22 +/- 0.289 PCI/G	0.940 +/- 0.139 PCI/G	1.30 +/- 0.180 PCI/G	2.58 +/- 0.365 PCI/G
GROSS BETA	0.070 +/- 0.06 U PCI/G	0.655 +/- 0.103 J PCI/G	-0.291 +/- 0.013 U PCI/G	0.094 +/- 0.063 U PCI/G	1.33 +/- 0.169 J PCI/G	0.346 +/- 0.082 J PCI/G	0.762 +/- 0.114 J PCI/G	1.68 +/- 0.251 J PCI/G

PARAMETER	SD08	SD09	SD10
RADIOLOGICAL PARAMETERS			
GROSS ALPHA	1.49 +/-0.197 PCI/G	1.23 +/- 0.167 PCI/G	0.735 +/- 0.112 PCI/G
GROSS BETA	0.679 +/-0.107 PCI/G	0.543 +/- 0.093 J PCI/G	0.319 +/- 0.075 J PCI/G

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030	SS031	SS032	SS040
VOLATILES											
1,1,1-TRICHLOROETHANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 UJ UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
1,1-DICHLOROETHANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
1,1-DICHLOROETHENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
1,2-DICHLOROETHANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
1,2-DICHLOROPROPANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
2-BUTANONE	12 UJ UG/KG	12 UJ UG/KG	12 U UG/KG	12 UR UG/KG	11 U UG/KG	11 U UG/KG	11 UR UG/KG	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG
2-HEXANONE	12 UJ UG/KG	12 UJ UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	12 UJ UG/KG	12 UJ UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG
ACETONE	12 UJ UG/KG	12 UJ UG/KG	12 UR UG/KG	12 UR UG/KG	11 U UG/KG	11 UR UG/KG	11 UR UG/KG	12 UJ UG/KG	11 UR UG/KG	18500 J UG/KG	11 U UG/KG
BENZENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
BROMODICHLOROMETHANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
BROMOFORM	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
BROMOMETHANE	12 UJ UG/KG	12 UJ UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG
CARBON DISULFIDE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
CARBON TETRACHLORIDE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
CHLOROBENZENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
CHLOROETHANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
CHLOROFORM	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
CHLOROMETHANE	12 UJ UG/KG	12 UJ UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
DIBROMOCHLOROMETHANE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
ETHYLBENZENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
METHYLENE CHLORIDE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
STYRENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
TETRACHLOROETHENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
TOLUENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	7.4 UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
TRICHLOROETHENE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
VINYL CHLORIDE	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG
XYLENES, TOTAL	5.8 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	6.0 U UG/KG	7.8 UG/KG	5.7 U UG/KG	5.6 U UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG

PARAMETER	SS041	SS050	SS051	SS052	SS060	SS061	SS062	SS070	SS071	SS072	SS080
VOLATILES											
1,1,1-TRICHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
1,1-DICHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
1,1-DICHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
1,2-DICHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
1,2-DICHLOROPROPANE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
2-BUTANONE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
2-HEXANONE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
ACETONE	12 UR UG/KG	12 U UG/KG	11 UR UG/KG	99 J UG/KG	11 U UG/KG	13 UR UG/KG	212 J UG/KG	11 U UG/KG	11 UR UG/KG	11 UR UG/KG	10 UR UG/KG
BENZENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
BROMODICHLOROMETHANE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
BROMOFORM	5.8 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
BROMOMETHANE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
CARBON DISULFIDE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
CARBON TETRACHLORIDE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
CHLOROBENZENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
CHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
CHLOROFORM	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
CHLOROMETHANE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
DIBROMOCHLOROMETHANE	5.8 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
ETHYLBENZENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
STYRENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	0.5 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
TOLUENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	9.4 J UG/KG	5.6 U UG/KG	5.2 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	6.0 U UG/KG	6.5 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	6.0 J UG/KG	5.6 U UG/KG	5.2 U UG/KG

PARAMETER	SS080-D	SS081	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100	SS101
VOLATILES											
1,1,1-TRICHLOROETHANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG	5.3 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG	5.3 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
2-BUTANONE	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 UR UG/KG	11 U UG/KG
2-HEXANONE	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 UJ UG/KG	11 U UG/KG	11 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	12 UR UG/KG	11 UR UG/KG	12 UR UG/KG	12 U UG/KG	11 UR UG/KG	11 UR UG/KG	4330 J UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG	5.3 U UG/KG	5.6 U UG/KG
BROMOFORM	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
BROMOMETHANE	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG	5.3 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG	5.3 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG	5.3 U UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
STYRENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 UJ UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	3.0 UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
TOLUENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.0 UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	5.9 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG	5.3 U UG/KG	5.6 U UG/KG

PARAMETER	SS102	SS102-D	SS103	SS104	SS105	SS108	SS109	SS110	SS111	SS112	SS113
VOLATILES											
1,1,1-TRICHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
2-BUTANONE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	740 U UG/KG	11 UR UG/KG	12 UR UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	740 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	740 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	12 UR UG/KG	12 UR UG/KG	397 J UG/KG	123 J UG/KG	17000 UG/KG	11 UR UG/KG	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
BROMOFORM	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
BROMOMETHANE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	740 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	370 U UG/KG	5.4 UJ UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	370 U UG/KG	5.4 UJ UG/KG	6.2 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	12 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	740 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 UJ UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
STYRENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
TOLUENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG

PARAMETER	SS114	SS115	SS116	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
VOLATILES											
1,1,1-TRICHLOROETHANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 UJ UG/KG	5.5 UJ UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG
1,1,2-TRICHLOROETHANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
2-BUTANONE	2700 U UG/KG	11 U UG/KG	2800 U UG/KG	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	2700 U UG/KG	11 U UG/KG	2800 U UG/KG	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	2700 U UG/KG	11 U UG/KG	2800 U UG/KG	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	110 U UG/KG	11 U UG/KG	11 UJ UG/KG
ACETONE	26700 UG/KG	11 UR UG/KG	51400 UG/KG	28200 UG/KG	11 UR UG/KG	130 J UG/KG	11 U UG/KG	12 UR UG/KG	7620 J UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
BROMOFORM	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG
BROMOMETHANE	2700 U UG/KG	11 U UG/KG	2800 U UG/KG	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
CHLOROETHANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
CHLOROFORM	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	2700 U UG/KG	11 U UG/KG	2800 U UG/KG	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	110 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG
ETHYLBENZENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG
METHYLENE CHLORIDE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	12.6 J UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
STYRENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG
TETRACHLOROETHENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG
TOLUENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131	SS132	SS133	SS134
VOLATILES											
1,1,1-TRICHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.6 UJ UG/KG	5.6 UJ UG/KG	6.0 UJ UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 UJ UG/KG	6.0 U UG/KG	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 UJ UG/KG	11 U UG/KG	12 UJ UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	11 UR UG/KG	12 UR UG/KG	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	12 U UG/KG	11 UR UG/KG	12 UR UG/KG	12 UJ UG/KG	11 UR UG/KG
BENZENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 UR UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
BROMOFORM	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
STYRENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.6 UJ UG/KG	5.6 U UG/KG	6.0 UJ UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG	5.6 U UG/KG
TOLUENE	9.6 J UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	7.4 J UG/KG	5.6 U UG/KG	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.6 UJ UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG

PARAMETER	SS135	SS137	SS137-D	SS138	SS139	SS140	SS151	SS151-D	SS152	SS153	SS154
VOLATILES											
1,1,1-TRICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.6 U UG/KG	5.4 UJ UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 UJ UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
2-BUTANONE	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 UR UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	12 UR UG/KG	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMOFORM	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	6.0 U UG/KG	5.8 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	6.0 U UG/KG	5.8 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
STYRENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 UJ UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
TOLUENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG

PARAMETER	SS155	SS156	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03	SSH04
VOLATILES										
1,1,1-TRICHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 UJ UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,1-DICHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,1-DICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,2-DICHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,2-DICHLOROPROPANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
2-BUTANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 UR UG/KG	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 UR UG/KG
2-HEXANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 U UG/KG
ACETONE	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	14 UR UG/KG	11 UR UG/KG	12 UR UG/KG	13 UR UG/KG
BENZENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
BROMODICHLOROMETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
BROMOFORM	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
BROMOMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 U UG/KG
CARBON DISULFIDE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 UJ UG/KG	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CARBON TETRACHLORIDE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 UJ UG/KG	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CHLOROBENZENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CHLOROFORM	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CHLOROMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
DIBROMOCHLOROMETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
ETHYLBENZENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
STYRENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TOLUENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	8.7 J UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG

PARAMETER	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10	SSH11	SSH12	SSH13	SSH14
VOLATILES											
1,1,1-TRICHLOROETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 UJ UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
2-BUTANONE	12 UR UG/KG	11 UR UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 UR UG/KG	11 UR UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	13 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
BROMOFORM	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
BROMOMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 UJ UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
STYRENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
TOLUENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG

PARAMETER	SSH15	SSH15-D	SSH16	SSH17	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
VOLATILES											
1,1,1-TRICHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
1,1,2,2-TETRACHLOROETHANE	5.4 U UG/KG	5.4 UJ UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
1,1,2-TRICHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
1,1-DICHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
1,1-DICHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
1,2-DICHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
1,2-DICHLOROPROPANE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 UJ UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 UJ UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 UJ UG/KG
ACETONE	11 UR UG/KG	11 UR UG/KG	17 UR UG/KG	11 UR UG/KG	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	24 J UG/KG
BENZENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
BROMODICHLOROMETHANE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
BROMOFORM	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 UJ UG/KG
CARBON DISULFIDE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	3.6 J UG/KG
CARBON TETRACHLORIDE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
CHLOROBENZENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
CHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
CHLOROFORM	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	7.4 UG/KG	11 U UG/KG	11 UJ UG/KG
CIS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
CIS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
DIBROMOCHLOROMETHANE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
ETHYLBENZENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
METHYLENE CHLORIDE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
STYRENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
TETRACHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
TOLUENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	4.5 UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
TRANS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
TRANS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
TRICHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
VINYL CHLORIDE	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG
XYLENES, TOTAL	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	5.5 U UG/KG	5.5 UJ UG/KG

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30	SSH31	SSH32	SSH33	SSH34
VOLATILES											
1,1,1-TRICHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
1,1,2-TRICHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
1,1-DICHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
1,1-DICHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
1,2-DICHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
1,2-DICHLOROPROPANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
ACETONE	11 U UG/KG	11 UR UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
BENZENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
BROMODICHLOROMETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
BROMOFORM	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
CARBON DISULFIDE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
CARBON TETRACHLORIDE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
CHLOROBENZENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
CHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
CHLOROFORM	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG
CIS-1,2-DICHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
DIBROMOCHLOROMETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
ETHYLBENZENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
METHYLENE CHLORIDE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
STYRENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
TETRACHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
TOLUENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	4.1 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	4.8 U UG/KG	5.8 U UG/KG	4.0 UG/KG	3.8 UG/KG
TRANS-1,2-DICHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
TRICHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
VINYL CHLORIDE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.2 U UG/KG
XYLENES, TOTAL	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	4.1 U UG/KG	5.4 U UG/KG	4.7 U UG/KG	5.4 U UG/KG	2.2 UG/KG

PARAMETER	SSH35	SSH35-D	SSH36	SSH37	SSH38	SSH39	SSH40
VOLATILES							
1,1,1-TRICHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1,2-TRICHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,2-DICHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,2-DICHLOROPROPANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	1560 UG/KG	33 UG/KG	39.5 J UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
BENZENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMODICHLOROMETHANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMOFORM	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CARBON TETRACHLORIDE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROBENZENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROFORM	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
DIBROMOCHLOROMETHANE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
ETHYLBENZENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
METHYLENE CHLORIDE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	3.6 UG/KG	5.5 U UG/KG	4.4 UG/KG	5.4 U UG/KG
STYRENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TETRACHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TOLUENE	4.8 UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	10.4 UG/KG	9.0 U UG/KG	3.8 UG/KG	5.4 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TRICHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
VINYL CHLORIDE	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
XYLENES, TOTAL	3.7 UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.7 UG/KG	4.6 U UG/KG	2.8 UG/KG	5.4 U UG/KG

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030	SS031	SS032	SS040
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
1,2-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
1,3-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
1,4-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2,4,5-TRICHLOROPHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2,4,6-TRICHLOROPHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2,4-DICHLOROPHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2,4-DIMETHYLPHENOL	950 U UG/KG	950 U UG/KG	1000 U UG/KG	1000 U UG/KG	960 U UG/KG	960 U UG/KG	950 U UG/KG	1000 U UG/KG	940 U UG/KG	930 U UG/KG	950 U UG/KG
2,4-DINITROPHENOL	950 U UG/KG	950 U UG/KG	1000 U UG/KG	1000 U UG/KG	960 U UG/KG	960 U UG/KG	950 U UG/KG	1000 U UG/KG	940 U UG/KG	930 U UG/KG	950 U UG/KG
2,4-DINITROTOLUENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2,6-DINITROTOLUENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2-CHLORONAPHTHALENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2-CHLOROPHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2-METHYLNAPHTHALENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2-METHYLPHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2-NITROANILINE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
2-NITROPHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
3&4-METHYLPHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
3,3'-DICHLOROBENZIDINE	950 U UG/KG	950 U UG/KG	1000 U UG/KG	1000 UJ UG/KG	960 U UG/KG	960 U UG/KG	950 UJ UG/KG	1000 U UG/KG	940 U UG/KG	930 UJ UG/KG	950 U UG/KG
3-NITROANILINE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
4-BROMOPHENYL PHENYL ETHER	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
4-CHLORO-3-METHYLPHENOL	950 U UG/KG	950 U UG/KG	1000 U UG/KG	1000 U UG/KG	960 U UG/KG	960 U UG/KG	950 U UG/KG	1000 U UG/KG	940 U UG/KG	930 U UG/KG	950 U UG/KG
4-CHLOROANILINE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
4-NITROANILINE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
4-NITROPHENOL	950 U UG/KG	950 U UG/KG	1000 U UG/KG	1000 U UG/KG	960 U UG/KG	960 U UG/KG	950 U UG/KG	1000 U UG/KG	940 U UG/KG	930 U UG/KG	950 U UG/KG
ACENAPHTHENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
ACENAPHTHYLENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
ANTHRACENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
BENZO(A)ANTHRACENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 UJ UG/KG	380 U UG/KG	380 U UG/KG	380 UJ UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
BENZO(A)PYRENE	95 U UG/KG	95 U UG/KG	100 U UG/KG	100 U UG/KG	96 U UG/KG	96 U UG/KG	95 U UG/KG	100 U UG/KG	94 U UG/KG	93 UJ UG/KG	95 U UG/KG
BENZO(B)FLUORANTHENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
BENZO(G,H,I)PERYLENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
BENZO(K)FLUORANTHENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030	SS031	SS032	SS040
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHYL)ETHER	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 UJ UG/KG	380 U UG/KG	380 U UG/KG	380 UJ UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
BUTYLBENZYL PHTHALATE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 UJ UG/KG	380 U UG/KG	380 U UG/KG	380 UJ UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
CARBAZOLE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
CHRYSENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 UJ UG/KG	380 U UG/KG	380 U UG/KG	380 UJ UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
DI-N-BUTYL PHTHALATE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
DI-N-OCTYL PHTHALATE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
DIBENZO(A H)ANTHRACENE	95 U UG/KG	95 U UG/KG	100 U UG/KG	100 U UG/KG	96 U UG/KG	96 U UG/KG	95 U UG/KG	100 U UG/KG	94 U UG/KG	93 UJ UG/KG	95 U UG/KG
DIBENZOFURAN	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
DIETHYL PHTHALATE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
DIMETHYL PHTHALATE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
FLUORANTHENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
FLUORENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
HEXACHLOROBENZENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
HEXACHLOROBUTADIENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
HEXACHLOROCYCLOPENTADIENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
HEXACHLOROETHANE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
INDENO(1,2,3-CD)PYRENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG
ISOPHORONE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	19 U UG/KG	20 U UG/KG	20 U UG/KG	19 U UG/KG	19 U UG/KG	19 U UG/KG	21 U UG/KG	19 U UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
NAPHTHALENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
NITROBENZENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
PHENANTHRENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
PHENOL	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG
PYRENE	380 U UG/KG	380 U UG/KG	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG

PARAMETER	SS041	SS050	SS051	SS052	SS060	SS061	SS062	SS070	SS071	SS072	SS080
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
1,2-DICHLOROBENZENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	980 U UG/KG	980 U UG/KG	3800 U UG/KG	960 U UG/KG	940 U UG/KG	3900 U UG/KG	3700 UJ UG/KG	920 U UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG
2,4-DINITROPHENOL	980 U UG/KG	980 U UG/KG	3800 U UG/KG	960 U UG/KG	940 U UG/KG	3900 U UG/KG	3700 UJ UG/KG	920 U UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG
2,4-DINITROTOLUENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2-CHLOROPHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2-METHYLPHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2-NITROANILINE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
2-NITROPHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
3&4-METHYLPHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	980 U UG/KG	980 UJ UG/KG	3800 U UG/KG	960 UJ UG/KG	940 U UG/KG	3900 U UG/KG	3700 UJ UG/KG	920 UJ UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG
3-NITROANILINE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	980 U UG/KG	980 U UG/KG	3800 U UG/KG	960 U UG/KG	940 U UG/KG	3900 U UG/KG	3700 UJ UG/KG	920 U UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG
4-CHLOROANILINE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
4-NITROANILINE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
4-NITROPHENOL	980 U UG/KG	980 U UG/KG	3800 U UG/KG	960 U UG/KG	940 U UG/KG	3900 U UG/KG	3700 UJ UG/KG	920 U UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG
ACENAPHTHENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
ACENAPHTHYLENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
ANTHRACENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	390 U UG/KG	390 UJ UG/KG	1500 U UG/KG	380 UJ UG/KG	380 U UG/KG	1600 U UG/KG	1050 J UG/KG	370 UJ UG/KG	370 U UG/KG	497 J UG/KG	370 U UG/KG
BENZO(A)PYRENE	142 UG/KG	98 U UG/KG	227 UG/KG	112 UG/KG	94 U UG/KG	390 U UG/KG	1030 J UG/KG	123 UG/KG	92 U UG/KG	499 J UG/KG	93 U UG/KG
BENZO(B)FLUORANTHENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1090 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1390 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	586 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG

PARAMETER	SS041	SS050	SS051	SS052	SS060	SS061	SS062	SS070	SS071	SS072	SS080
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	390 U UG/KG	390 UJ UG/KG	1500 U UG/KG	380 UJ UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
BUTYLBENZYL PHTHALATE	390 U UG/KG	390 UJ UG/KG	1500 U UG/KG	380 UJ UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
CARBAZOLE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
CHRYSENE	390 U UG/KG	390 UJ UG/KG	1500 U UG/KG	380 UJ UG/KG	380 U UG/KG	1600 U UG/KG	1130 J UG/KG	370 UJ UG/KG	370 U UG/KG	517 J UG/KG	370 U UG/KG
DI-N-BUTYL PHTHALATE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	96 U UG/KG	98 U UG/KG	380 U UG/KG	96 U UG/KG	94 U UG/KG	390 U UG/KG	353 J UG/KG	92 U UG/KG	92 U UG/KG	200 J UG/KG	93 U UG/KG
DIBENZOFURAN	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
DIETHYL PHTHALATE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
FLUORANTHENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1670 J UG/KG	370 U UG/KG	370 U UG/KG	789 J UG/KG	370 U UG/KG
FLUORENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
HEXACHLOROBENZENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
HEXACHLOROETHANE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1170 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
ISOPHORONE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	20 U UG/KG	76 U UG/KG	19 U UG/KG	19 U UG/KG	78 U UG/KG	74 UJ UG/KG	18 U UG/KG	18 U UG/KG	75 UJ UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
NAPHTHALENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
NITROBENZENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
PHENANTHRENE	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	571 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
PHENOL	390 U UG/KG	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG
PYRENE	390 U UG/KG	390 UJ UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG	1240 J UG/KG	370 UJ UG/KG	370 U UG/KG	562 J UG/KG	370 U UG/KG

PARAMETER	SS080-D	SS081	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100	SS101
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
1,2-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DIMETHYLPHENOL	940 U UG/KG	930 U UG/KG	3900 UJ UG/KG	940 U UG/KG	900 U UG/KG	920 U UG/KG	4600 U UG/KG	940 U UG/KG	950 U UG/KG	900 U UG/KG	910 U UG/KG
2,4-DINITROPHENOL	940 U UG/KG	930 U UG/KG	3900 UJ UG/KG	940 U UG/KG	900 U UG/KG	920 U UG/KG	4600 U UG/KG	940 U UG/KG	950 U UG/KG	900 U UG/KG	910 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLPHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROANILINE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROPHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
3,3'-DICHLOROBENZIDINE	940 U UG/KG	930 U UG/KG	3900 UJ UG/KG	940 UJ UG/KG	900 UJ UG/KG	920 U UG/KG	4600 U UG/KG	940 UJ UG/KG	950 U UG/KG	900 UJ UG/KG	910 U UG/KG
3-NITROANILINE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLORO-3-METHYLPHENOL	940 U UG/KG	930 U UG/KG	3900 UJ UG/KG	940 U UG/KG	900 U UG/KG	920 U UG/KG	4600 U UG/KG	940 U UG/KG	950 U UG/KG	900 U UG/KG	910 U UG/KG
4-CHLOROANILINE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROANILINE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROPHENOL	940 U UG/KG	930 U UG/KG	3900 UJ UG/KG	940 U UG/KG	900 U UG/KG	920 U UG/KG	4600 U UG/KG	940 U UG/KG	950 U UG/KG	900 U UG/KG	910 U UG/KG
ACENAPHTHENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
ANTHRACENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)ANTHRACENE	370 U UG/KG	370 U UG/KG	900 J UG/KG	380 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	2620 UG/KG	380 UJ UG/KG	380 U UG/KG	360 UJ UG/KG	360 U UG/KG
BENZO(A)PYRENE	94 U UG/KG	93 U UG/KG	923 J UG/KG	94 UJ UG/KG	90 UJ UG/KG	254 UG/KG	2370 UG/KG	286 J UG/KG	95 UJ UG/KG	90 U UG/KG	285 UG/KG
BENZO(B)FLUORANTHENE	370 U UG/KG	370 U UG/KG	676 J UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG	2660 UG/KG	380 UJ UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(G,H,I)PERYLENE	370 U UG/KG	370 U UG/KG	876 J UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG	1980 UG/KG	380 UJ UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(K)FLUORANTHENE	370 U UG/KG	370 U UG/KG	755 J UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG	1640 UG/KG	380 UJ UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG

PARAMETER	SS080-D	SS081	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100	SS101
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	1900 U UG/KG	380 UJ UG/KG	380 U UG/KG	360 UJ UG/KG	360 U UG/KG
BUTYLBENZYL PHTHALATE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	1900 U UG/KG	380 UJ UG/KG	380 U UG/KG	360 UJ UG/KG	360 U UG/KG
CARBAZOLE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
CHRYSENE	370 U UG/KG	370 U UG/KG	919 J UG/KG	380 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	2770 UG/KG	380 UJ UG/KG	380 U UG/KG	360 UJ UG/KG	360 U UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
DI-N-OCTYL PHTHALATE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG	1900 U UG/KG	380 UJ UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
DIBENZO(A H)ANTHRACENE	94 U UG/KG	93 U UG/KG	398 J UG/KG	94 UJ UG/KG	90 UJ UG/KG	92 U UG/KG	654 UG/KG	94 UJ UG/KG	95 UJ UG/KG	90 U UG/KG	119 UG/KG
DIBENZOFURAN	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORANTHENE	370 U UG/KG	370 U UG/KG	1620 J UG/KG	380 UJ UG/KG	360 U UG/KG	506 UG/KG	5970 UG/KG	692 UG/KG	380 UJ UG/KG	360 U UG/KG	513 UG/KG
FLUORENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 UJ UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
INDENO(1,2,3-CD)PYRENE	370 U UG/KG	370 U UG/KG	810 J UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG	1770 UG/KG	380 UJ UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
ISOPHORONE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	19 U UG/KG	97 UJ UG/KG	19 UJ UG/KG	18 U UG/KG	18 U UG/KG	93 U UG/KG	19 U UG/KG	19 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
NAPHTHALENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
NITROBENZENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
PHENANTHRENE	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	3230 UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
PHENOL	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG	1900 U UG/KG	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG
PYRENE	370 U UG/KG	370 U UG/KG	1110 J UG/KG	380 UJ UG/KG	360 UJ UG/KG	404 UG/KG	4700 UG/KG	509 J UG/KG	380 UJ UG/KG	360 UJ UG/KG	383 UG/KG

PARAMETER	SS102	SS102-D	SS103	SS104	SS105	SS108	SS109	SS110	SS111	SS112	SS113
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
1,2-DICHLOROBENZENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	2000 U UG/KG	940 U UG/KG	1900 U UG/KG	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 U UG/KG	920 U UG/KG	940 U UG/KG	930 U UG/KG
2,4-DINITROPHENOL	2000 U UG/KG	940 U UG/KG	1900 U UG/KG	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 U UG/KG	920 U UG/KG	940 U UG/KG	930 U UG/KG
2,4-DINITROTOLUENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-METHYLPHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-NITROANILINE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-NITROPHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	2000 U UG/KG	940 UJ UG/KG	1900 U UG/KG	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 UJ UG/KG	920 U UG/KG	940 U UG/KG	930 UJ UG/KG
3-NITROANILINE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	2000 U UG/KG	940 U UG/KG	1900 U UG/KG	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 U UG/KG	920 U UG/KG	940 U UG/KG	930 U UG/KG
4-CHLOROANILINE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-NITROANILINE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-NITROPHENOL	2000 U UG/KG	940 U UG/KG	1900 U UG/KG	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 U UG/KG	920 U UG/KG	940 U UG/KG	930 U UG/KG
ACENAPHTHENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
ANTHRACENE	780 U UG/KG	380 U UG/KG	339 UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	1060 UG/KG	465 J UG/KG	1380 UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	380 U UG/KG	370 UJ UG/KG
BENZO(A)PYRENE	982 UG/KG	396 UG/KG	2360 J UG/KG	93 UJ UG/KG	94 UJ UG/KG	96 UJ UG/KG	96 UJ UG/KG	96 U UG/KG	92 U UG/KG	125 UG/KG	93 UJ UG/KG
BENZO(B)FLUORANTHENE	829 UG/KG	380 U UG/KG	937 UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	851 UG/KG	380 UG/KG	805 UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	680 UG/KG	380 U UG/KG	767 UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG

PARAMETER	SS102	SS102-D	SS103	SS104	SS105	SS108	SS109	SS110	SS111	SS112	SS113
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	780 U UG/KG	380 UJ UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	380 U UG/KG	370 UJ UG/KG
BUTYLBENZYL PHTHALATE	780 U UG/KG	380 UJ UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	380 U UG/KG	370 UJ UG/KG
CARBAZOLE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
CHRYSENE	1080 UG/KG	486 J UG/KG	1160 UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	380 U UG/KG	370 UJ UG/KG
DI-N-BUTYL PHTHALATE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
DIBENZO(A H)ANTHRACENE	294 UG/KG	116 UG/KG	560 J UG/KG	93 UJ UG/KG	94 UJ UG/KG	96 UJ UG/KG	96 UJ UG/KG	96 U UG/KG	92 U UG/KG	94 U UG/KG	93 UJ UG/KG
DIBENZOFURAN	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
FLUORANTHENE	1850 UG/KG	852 J UG/KG	3000 J UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	427 UG/KG	370 UJ UG/KG
FLUORENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	797 UG/KG	380 U UG/KG	753 UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
ISOPHORONE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	39 U UG/KG	19 U UG/KG	75 U UG/KG	18 U UG/KG	19 U UG/KG	19 U UG/KG	19 UJ UG/KG	19 U UG/KG	18 U UG/KG	19 U UG/KG	19 UJ UG/KG
N-NITROSODIPHENYLAMINE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
NAPHTHALENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
NITROBENZENE	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
PHENANTHRENE	1420 UG/KG	456 UG/KG	1380 UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
PHENOL	780 U UG/KG	380 U UG/KG	750 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
PYRENE	1370 UG/KG	589 J UG/KG	2080 J UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	380 U UG/KG	370 UJ UG/KG

PARAMETER	SS114	SS115	SS116	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
1,2-DICHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	920 U UG/KG	940 U UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 U UG/KG	960 U UG/KG	930 UJ UG/KG	900 UJ UG/KG	920 U UG/KG
2,4-DINITROPHENOL	920 U UG/KG	940 U UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 U UG/KG	960 U UG/KG	930 UJ UG/KG	900 UJ UG/KG	920 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2-METHYLPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2-NITROANILINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
2-NITROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	920 U UG/KG	940 UJ UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 UJ UG/KG	960 U UG/KG	930 UJ UG/KG	900 UJ UG/KG	920 UJ UG/KG
3-NITROANILINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	920 U UG/KG	940 U UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 U UG/KG	960 U UG/KG	930 UJ UG/KG	900 UJ UG/KG	920 U UG/KG
4-CHLOROANILINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
4-NITROANILINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
4-NITROPHENOL	920 U UG/KG	940 U UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 U UG/KG	960 U UG/KG	930 UJ UG/KG	900 UJ UG/KG	920 U UG/KG
ACENAPHTHENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
ANTHRACENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	370 U UG/KG	380 UJ UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
BENZO(A)PYRENE	92 UJ UG/KG	105 J UG/KG	92 UJ UG/KG	90 U UG/KG	90 U UG/KG	91 U UG/KG	94 U UG/KG	96 U UG/KG	93 UJ UG/KG	90 U UG/KG	92 U UG/KG
BENZO(B)FLUORANTHENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG

PARAMETER	SS114	SS115	SS116	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	370 U UG/KG	380 UJ UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
BUTYLBENZYL PHTHALATE	370 U UG/KG	380 UJ UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
CARBAZOLE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
CHRYSENE	370 U UG/KG	380 UJ UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	92 UJ UG/KG	94 UJ UG/KG	92 UJ UG/KG	90 U UG/KG	90 U UG/KG	91 U UG/KG	94 U UG/KG	96 U UG/KG	93 UJ UG/KG	90 U UG/KG	92 U UG/KG
DIBENZOFURAN	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
FLUORANTHENE	370 UJ UG/KG	509 J UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
FLUORENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
ISOPHORONE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 UJ UG/KG	19 UJ UG/KG	18 UJ UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	19 U UG/KG	19 U UG/KG	19 UJ UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
NAPHTHALENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
NITROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
PHENANTHRENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
PHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
PYRENE	370 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131	SS132	SS133	SS134
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
1,2-DICHLOROBENZENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
1,3-DICHLOROBENZENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
1,4-DICHLOROBENZENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2,4,5-TRICHLOROPHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2,4,6-TRICHLOROPHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2,4-DICHLOROPHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2,4-DIMETHYLPHENOL	1100 UJ UG/KG	940 UJ UG/KG	950 UJ UG/KG	950 U UG/KG	920 U UG/KG	930 U UG/KG	920 U UG/KG	970 U UG/KG	970 UJ UG/KG	920 U UG/KG	940 UJ UG/KG
2,4-DINITROPHENOL	1100 UJ UG/KG	940 UJ UG/KG	950 UJ UG/KG	950 U UG/KG	920 U UG/KG	930 U UG/KG	920 U UG/KG	970 U UG/KG	970 UJ UG/KG	920 U UG/KG	940 UJ UG/KG
2,4-DINITROTOLUENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2,6-DINITROTOLUENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2-CHLORONAPHTHALENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2-CHLOROPHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2-METHYLNAPHTHALENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2-METHYLPHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2-NITROANILINE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
2-NITROPHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
3&4-METHYLPHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
3,3'-DICHLOROBENZIDINE	1100 UJ UG/KG	940 UJ UG/KG	950 UJ UG/KG	950 UJ UG/KG	920 UJ UG/KG	930 UJ UG/KG	920 UJ UG/KG	970 U UG/KG	970 UJ UG/KG	920 UJ UG/KG	940 UJ UG/KG
3-NITROANILINE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
4,6-DINITRO-2-METHYLPHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
4-BROMOPHENYL PHENYL ETHER	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
4-CHLORO-3-METHYLPHENOL	1100 UJ UG/KG	940 UJ UG/KG	950 UJ UG/KG	950 U UG/KG	920 U UG/KG	930 U UG/KG	920 U UG/KG	970 U UG/KG	970 UJ UG/KG	920 U UG/KG	940 UJ UG/KG
4-CHLOROANILINE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
4-CHLOROPHENYL PHENYL ETHER	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
4-NITROANILINE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
4-NITROPHENOL	1100 UJ UG/KG	940 UJ UG/KG	950 UJ UG/KG	950 U UG/KG	920 U UG/KG	930 U UG/KG	920 U UG/KG	970 U UG/KG	970 UJ UG/KG	920 U UG/KG	940 UJ UG/KG
ACENAPHTHENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
ACENAPHTHYLENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
ANTHRACENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
BENZO(A)ANTHRACENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG
BENZO(A)PYRENE	110 U UG/KG	94 U UG/KG	48 J UG/KG	95 U UG/KG	92 UJ UG/KG	93 U UG/KG	92 U UG/KG	97 U UG/KG	97 UJ UG/KG	92 UJ UG/KG	94 UJ UG/KG
BENZO(B)FLUORANTHENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
BENZO(G,H,I)PERYLENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
BENZO(K)FLUORANTHENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131	SS132	SS133	SS134
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
BIS(2-CHLOROETHYL)ETHER	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG
BUTYLBENZYL PHTHALATE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG
CARBAZOLE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
CHRYSENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG
DI-N-BUTYL PHTHALATE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
DI-N-OCTYL PHTHALATE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
DIBENZO(A,H)ANTHRACENE	110 U UG/KG	94 U UG/KG	190 UJ UG/KG	95 U UG/KG	92 UJ UG/KG	93 U UG/KG	92 U UG/KG	97 U UG/KG	97 UJ UG/KG	92 UJ UG/KG	94 UJ UG/KG
DIBENZOFURAN	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
DIETHYL PHTHALATE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
DIMETHYL PHTHALATE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
FLUORANTHENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG
FLUORENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
HEXACHLOROBENZENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
HEXACHLOROBUTADIENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
HEXACHLOROCYCLOPENTADIENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
HEXACHLOROETHANE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
INDENO(1,2,3-CD)PYRENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
ISOPHORONE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
N-NITROSO-DI-N-PROPYLAMINE	22 U UG/KG	19 U UG/KG	38 U UG/KG	19 U UG/KG	18 U UG/KG	19 U UG/KG	18 U UG/KG	19 U UG/KG	19 UJ UG/KG	18 UJ UG/KG	19 UJ UG/KG
N-NITROSODIPHENYLAMINE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
NAPHTHALENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
NITROBENZENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
PHENANTHRENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
PHENOL	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG
PYRENE	450 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 UJ UG/KG	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG

PARAMETER	SS135	SS137	SS137-D	SS138	SS139	SS140	SS151	SS151-D	SS152	SS153	SS154
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
1,2-DICHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,4-DIMETHYLPHENOL	930 U UG/KG	910 U UG/KG	910 UJ UG/KG	920 U UG/KG	920 U UG/KG	900 U UG/KG	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 U UG/KG
2,4-DINITROPHENOL	930 U UG/KG	910 U UG/KG	910 UJ UG/KG	920 U UG/KG	920 U UG/KG	900 U UG/KG	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-METHYLPHENOL	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-NITROANILINE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-NITROPHENOL	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
3,3'-DICHLOROBENZIDINE	930 UJ UG/KG	910 UJ UG/KG	910 UJ UG/KG	920 UJ UG/KG	920 UJ UG/KG	900 UJ UG/KG	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 UJ UG/KG
3-NITROANILINE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-CHLORO-3-METHYLPHENOL	930 U UG/KG	910 U UG/KG	910 UJ UG/KG	920 U UG/KG	920 U UG/KG	900 U UG/KG	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 U UG/KG
4-CHLOROANILINE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-NITROANILINE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-NITROPHENOL	930 U UG/KG	910 U UG/KG	910 UJ UG/KG	920 U UG/KG	920 U UG/KG	900 U UG/KG	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 U UG/KG
ACENAPHTHENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
ANTHRACENE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BENZO(A)ANTHRACENE	370 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
BENZO(A)PYRENE	93 U UG/KG	91 U UG/KG	91 UJ UG/KG	92 U UG/KG	92 U UG/KG	90 U UG/KG	93 UJ UG/KG	92 UJ UG/KG	110 UJ UG/KG	90 U UG/KG	95 U UG/KG
BENZO(B)FLUORANTHENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BENZO(G,H,I)PERYLENE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BENZO(K)FLUORANTHENE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG

PARAMETER	SS135	SS137	SS137-D	SS138	SS139	SS140	SS151	SS151-D	SS152	SS153	SS154
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	370 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
BUTYLBENZYL PHTHALATE	370 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
CARBAZOLE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
CHRYSENE	370 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
DI-N-OCTYL PHTHALATE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
DIBENZO(A H)ANTHRACENE	93 U UG/KG	91 UJ UG/KG	91 UJ UG/KG	92 U UG/KG	92 U UG/KG	90 U UG/KG	93 UJ UG/KG	92 UJ UG/KG	110 UJ UG/KG	90 U UG/KG	95 U UG/KG
DIBENZOFURAN	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
FLUORANTHENE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG	370 UJ UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
FLUORENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
INDENO(1 2 3-CD)PYRENE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
ISOPHORONE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	18 U UG/KG	18 UJ UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	19 U UG/KG	18 U UG/KG	22 UJ UG/KG	18 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
NAPHTHALENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
NITROBENZENE	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
PHENANTHRENE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
PHENOL	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
PYRENE	370 U UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG

PARAMETER	SS155	SS156	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03	SSH04
SEMIVOLATILES										
1,2,4-TRICHLOROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
1,2-DICHLOROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
1,3-DICHLOROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
1,4-DICHLOROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4,5-TRICHLOROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4,6-TRICHLOROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4-DICHLOROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4-DIMETHYLPHENOL	1200 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	920 U UG/KG	950 U UG/KG	940 U UG/KG	920 U UG/KG	950 U UG/KG	960 U UG/KG
2,4-DINITROPHENOL	1200 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	920 U UG/KG	950 U UG/KG	940 U UG/KG	920 U UG/KG	950 U UG/KG	960 U UG/KG
2,4-DINITROTOLUENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,6-DINITROTOLUENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-CHLORONAPHTHALENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-CHLOROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-METHYLNAPHTHALENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-METHYLPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-NITROANILINE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-NITROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
3&4-METHYLPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
3,3'-DICHLOROBENZIDINE	1200 UJ UG/KG	940 UJ UG/KG	930 UJ UG/KG	920 U UG/KG	920 U UG/KG	950 U UG/KG	940 UJ UG/KG	920 UJ UG/KG	950 UJ UG/KG	960 UJ UG/KG
3-NITROANILINE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
4-BROMOPHENYL PHENYL ETHER	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
4-CHLORO-3-METHYLPHENOL	1200 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	920 U UG/KG	950 U UG/KG	940 U UG/KG	920 U UG/KG	950 U UG/KG	960 U UG/KG
4-CHLOROANILINE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-NITROANILINE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-NITROPHENOL	1200 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	920 U UG/KG	950 U UG/KG	940 U UG/KG	920 U UG/KG	950 U UG/KG	960 U UG/KG
ACENAPHTHENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
ACENAPHTHYLENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
ANTHRACENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
BENZO(A)ANTHRACENE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
BENZO(A)PYRENE	120 UJ UG/KG	94 UJ UG/KG	93 UJ UG/KG	92 UJ UG/KG	92 UJ UG/KG	95 UJ UG/KG	94 U UG/KG	92 UJ UG/KG	95 UJ UG/KG	96 U UG/KG
BENZO(B)FLUORANTHENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
BENZO(G,H,I)PERYLENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
BENZO(K)FLUORANTHENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG

PARAMETER	SS155	SS156	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03	SSH04
SEMIVOLATILES CONTINUED										
BIS(2-CHLOROETHOXY)METHANE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
BIS(2-CHLOROETHYL)ETHER	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
BUTYLBENZYL PHTHALATE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
CARBAZOLE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
CHRYSENE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
DI-N-BUTYL PHTHALATE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
DI-N-OCTYL PHTHALATE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
DIBENZO(A,H)ANTHRACENE	120 UJ UG/KG	94 UJ UG/KG	93 UJ UG/KG	92 U UG/KG	92 UJ UG/KG	95 UJ UG/KG	94 U UG/KG	92 UJ UG/KG	95 UJ UG/KG	96 U UG/KG
DIBENZOFURAN	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
DIETHYL PHTHALATE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
DIMETHYL PHTHALATE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
FLUORANTHENE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
FLUORENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROBENZENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
HEXACHLOROBUTADIENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROCYCLOPENTADIENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROETHANE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
INDENO(1,2,3-CD)PYRENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
ISOPHORONE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	24 U UG/KG	19 U UG/KG	19 UJ UG/KG	18 UJ UG/KG	18 UJ UG/KG	19 U UG/KG	19 U UG/KG	18 U UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
NAPHTHALENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
NITROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
PHENANTHRENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
PHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
PYRENE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG

PARAMETER	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10	SSH11	SSH12	SSH13	SSH14
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
1,2-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	950 U UG/KG	950 U UG/KG	900 U UG/KG	900 U UG/KG	1000 U UG/KG	960 U UG/KG	940 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	930 U UG/KG
2,4-DINITROPHENOL	950 U UG/KG	950 U UG/KG	900 U UG/KG	900 U UG/KG	1000 U UG/KG	960 U UG/KG	940 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	930 U UG/KG
2,4-DINITROTOLUENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2-METHYLPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2-NITROANILINE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
2-NITROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	950 UJ UG/KG	950 UJ UG/KG	900 UJ UG/KG	900 UJ UG/KG	1000 U UG/KG	960 UJ UG/KG	940 UJ UG/KG	880 UJ UG/KG	900 U UG/KG	910 UJ UG/KG	930 UJ UG/KG
3-NITROANILINE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	950 U UG/KG	950 U UG/KG	900 U UG/KG	900 U UG/KG	1000 U UG/KG	960 U UG/KG	940 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	930 U UG/KG
4-CHLOROANILINE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
4-NITROANILINE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
4-NITROPHENOL	950 U UG/KG	950 U UG/KG	900 U UG/KG	900 U UG/KG	1000 U UG/KG	960 U UG/KG	940 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	930 U UG/KG
ACENAPHTHENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
ANTHRACENE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	370 UJ UG/KG
BENZO(A)PYRENE	95 U UG/KG	95 U UG/KG	90 U UG/KG	90 U UG/KG	166 UG/KG	96 U UG/KG	100 UG/KG	88 UJ UG/KG	90 UJ UG/KG	197 J UG/KG	93 UJ UG/KG
BENZO(B)FLUORANTHENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
BENZO(G,H,I)PERYLENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
BENZO(K)FLUORANTHENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG

PARAMETER	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10	SSH11	SSH12	SSH13	SSH14
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	370 UJ UG/KG
BUTYLBENZYL PHTHALATE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	370 UJ UG/KG
CARBAZOLE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
CHRYSENE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	370 UJ UG/KG
DI-N-BUTYL PHTHALATE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
DIBENZO(A,H)ANTHRACENE	95 U UG/KG	95 U UG/KG	90 U UG/KG	90 U UG/KG	100 U UG/KG	96 U UG/KG	94 U UG/KG	88 UJ UG/KG	90 UJ UG/KG	152 J UG/KG	93 UJ UG/KG
DIBENZOFURAN	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
FLUORANTHENE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	792 UG/KG	370 U UG/KG
FLUORENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
ISOPHORONE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	19 U UG/KG	18 U UG/KG	18 U UG/KG	20 U UG/KG	19 U UG/KG	19 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
NAPHTHALENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
NITROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
PHENANTHRENE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	532 UG/KG	370 U UG/KG
PHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	370 U UG/KG
PYRENE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	579 J UG/KG	370 UJ UG/KG

PARAMETER	SSH15	SSH15-D	SSH16	SSH17	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
1,2-DICHLOROBENZENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	9100 U UG/KG	1800 U UG/KG	900 U UG/KG	920 U UG/KG	3600 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 U UG/KG	4600 U UG/KG	920 U UG/KG
2,4-DINITROPHENOL	9100 U UG/KG	1800 U UG/KG	900 U UG/KG	920 U UG/KG	3600 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 U UG/KG	4600 U UG/KG	920 U UG/KG
2,4-DINITROTOLUENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2-METHYLPHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2-NITROANILINE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
2-NITROPHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	9100 U UG/KG	1800 U UG/KG	900 UJ UG/KG	920 UJ UG/KG	3600 UJ UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 UJ UG/KG	4600 U UG/KG	920 U UG/KG
3-NITROANILINE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	9100 U UG/KG	1800 U UG/KG	900 U UG/KG	920 U UG/KG	3600 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 U UG/KG	4600 U UG/KG	920 U UG/KG
4-CHLOROANILINE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
4-NITROANILINE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
4-NITROPHENOL	9100 U UG/KG	1800 U UG/KG	900 U UG/KG	920 U UG/KG	3600 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 U UG/KG	4600 U UG/KG	920 U UG/KG
ACENAPHTHENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
ANTHRACENE	3600 U UG/KG	716 UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	5750 UG/KG	1600 UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	1800 U UG/KG	370 U UG/KG
BENZO(A)PYRENE	5500 UG/KG	1490 J UG/KG	90 UJ UG/KG	92 UJ UG/KG	90 U UG/KG	91 U UG/KG	92 U UG/KG	90 U UG/KG	127 UG/KG	311 UG/KG	92 U UG/KG
BENZO(B)FLUORANTHENE	4410 UG/KG	1220 J UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	4420 UG/KG	1100 J UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	2600 UG/KG	802 J UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG

PARAMETER	SSH15	SSH15-D	SSH16	SSH17	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	3600 U UG/KG	730 U UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	1800 U UG/KG	370 U UG/KG
BUTYLBENZYL PHTHALATE	3600 U UG/KG	730 U UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	1800 U UG/KG	370 U UG/KG
CARBAZOLE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
CHRYSENE	6680 UG/KG	1730 UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	1800 U UG/KG	370 U UG/KG
DI-N-BUTYL PHTHALATE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	3600 U UG/KG	730 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	1580 UG/KG	392 J UG/KG	90 UJ UG/KG	92 UJ UG/KG	90 U UG/KG	91 U UG/KG	92 U UG/KG	90 U UG/KG	91 U UG/KG	194 UG/KG	92 U UG/KG
DIBENZOFURAN	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
FLUORANTHENE	22300 UG/KG	3740 UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	527 UG/KG	370 U UG/KG
FLUORENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	3930 UG/KG	1060 J UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
ISOPHORONE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	180 U UG/KG	73 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	92 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
NAPHTHALENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
NITROBENZENE	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
PHENANTHRENE	11400 UG/KG	2890 UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
PHENOL	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	370 U UG/KG
PYRENE	14700 UG/KG	2700 UG/KG	360 UJ UG/KG	370 UJ UG/KG	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	430 UG/KG	370 U UG/KG

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30	SSH31	SSH32	SSH33	SSH34
SEMIVOLATILES											
1,2,4-TRICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
1,2-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
1,3-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
1,4-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,5-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,6-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DIMETHYLPHENOL	900 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG	900 U UG/KG	890 U UG/KG
2,4-DINITROPHENOL	900 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG	900 U UG/KG	890 U UG/KG
2,4-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2,6-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLORONAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLNAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
3&4-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
3,3'-DICHLOROBENZIDINE	900 U UG/KG	900 UJ UG/KG	900 U UG/KG	900 U UG/KG	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG	900 U UG/KG	890 U UG/KG
3-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
4-BROMOPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLORO-3-METHYLPHENOL	900 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG	900 U UG/KG	890 U UG/KG
4-CHLOROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROPHENOL	900 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG	900 U UG/KG	890 U UG/KG
ACENAPHTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
ACENAPHTHYLENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
ANTHRACENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	515 UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)ANTHRACENE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	1730 UG/KG	603 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)PYRENE	90 U UG/KG	90 UJ UG/KG	90 U UG/KG	90 U UG/KG	1780 UG/KG	565 UG/KG	90 U UG/KG	91 U UG/KG	403 UG/KG	90 U UG/KG	166 UG/KG
BENZO(B)FLUORANTHENE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	1280 UG/KG	505 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(G,H,I)PERYLENE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	1240 UG/KG	420 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(K)FLUORANTHENE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	1080 UG/KG	399 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30	SSH31	SSH32	SSH33	SSH34
SEMIVOLATILES CONTINUED											
BIS(2-CHLOROETHOXY)METHANE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHYL)ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
BUTYLBENZYL PHTHALATE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
CARBAZOLE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
CHRYSENE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	1800 UG/KG	717 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
DI-N-BUTYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
DI-N-OCTYL PHTHALATE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
DIBENZO(A,H)ANTHRACENE	90 U UG/KG	90 UJ UG/KG	90 U UG/KG	90 U UG/KG	769 UG/KG	262 UG/KG	90 U UG/KG	91 U UG/KG	248 UG/KG	90 U UG/KG	89.9 UG/KG
DIBENZOFURAN	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
DIETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
DIMETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORANTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	5380 UG/KG	1560 UG/KG	360 U UG/KG	360 U UG/KG	1200 UG/KG	360 U UG/KG	416 UG/KG
FLUORENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBUTADIENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROCYCLOPENTADIENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROETHANE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
INDENO(1,2,3-CD)PYRENE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	1210 UG/KG	417 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
ISOPHORONE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	72 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	89 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
NAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
NITROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
PHENANTHRENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	2040 UG/KG	994 UG/KG	360 U UG/KG	360 U UG/KG	734 UG/KG	360 U UG/KG	360 U UG/KG
PHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG	360 U UG/KG	360 U UG/KG
PYRENE	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG	3740 UG/KG	991 UG/KG	360 U UG/KG	360 U UG/KG	793 UG/KG	360 U UG/KG	360 U UG/KG

PARAMETER	SSH35	SSH35-D	SSH36	SSH37	SSH38	SSH39	SSH40
SEMIVOLATILES							
1,2,4-TRICHLOROBENZENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
1,2-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
1,3-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
1,4-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,5-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,6-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DICHLOROPHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DIMETHYLPHENOL	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	890 U UG/KG
2,4-DINITROPHENOL	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	890 U UG/KG
2,4-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,6-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLORONAPHTHALENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLOROPHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLNAPHTHALENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROANILINE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROPHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
3&4-METHYLPHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
3,3'-DICHLOROBENZIDINE	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	890 U UG/KG
3-NITROANILINE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-BROMOPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLORO-3-METHYLPHENOL	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	890 U UG/KG
4-CHLOROANILINE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROANILINE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROPHENOL	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	890 U UG/KG
ACENAPHTHENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
ACENAPHTHYLENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
ANTHRACENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)ANTHRACENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)PYRENE	91 U UG/KG	90 U UG/KG	97 U UG/KG	91 U UG/KG	92 U UG/KG	90 U UG/KG	89 U UG/KG
BENZO(B)FLUORANTHENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(G,H,I)PERYLENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(K)FLUORANTHENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG

PARAMETER	SSH35	SSH35-D	SSH36	SSH37	SSH38	SSH39	SSH40
SEMIVOLATILES CONTINUED							
BIS(2-CHLOROETHOXY)METHANE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHYL)ETHER	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BUTYLBENZYL PHTHALATE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
CARBAZOLE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
CHRYSENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DI-N-BUTYL PHTHALATE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DI-N-OCTYL PHTHALATE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DIBENZO(A H)ANTHRACENE	91 U UG/KG	90 U UG/KG	97 U UG/KG	91 U UG/KG	92 U UG/KG	90 U UG/KG	89 U UG/KG
DIBENZOFURAN	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DIETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DIMETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORANTHENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBENZENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBUTADIENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROCYCLOPENTADIENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROETHANE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
INDENO(1,2,3-CD)PYRENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
ISOPHORONE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	18 U UG/KG	19 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
NAPHTHALENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
NITROBENZENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
PHENANTHRENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
PHENOL	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
PYRENE	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030	SS031	SS032	SS040
PESTICIDES/PCBs											
4 4'-DDD	2 1 U UG/KG	2 1 U UG/KG	2 1 U UG/KG	2 2 U UG/KG	2 0 U UG/KG	2 0 U UG/KG	1 9 U UG/KG	5 3 UG/KG	2 0 U UG/KG	1 9 U UG/KG	2 0 U UG/KG
4.4'-DDE	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	5 2 UG/KG	0 98 U UG/KG	4 4 UG/KG	41 UG/KG	0 97 U UG/KG	0 93 U UG/KG	2 9 UG/KG
4.4'-DDT	4 7 U UG/KG	4 6 U UG/KG	4 6 U UG/KG	4 8 U UG/KG	4 5 U UG/KG	4 5 U UG/KG	4 3 U UG/KG	4 9 U UG/KG	4 5 U UG/KG	4 3 U UG/KG	4 5 U UG/KG
ALDRIN	3 7 U UG/KG	3 6 U UG/KG	3 7 U UG/KG	3 8 U UG/KG	3 6 U UG/KG	3 6 U UG/KG	3 4 U UG/KG	3 9 U UG/KG	3 6 U UG/KG	3 4 U UG/KG	3 6 U UG/KG
ALPHA-BHC	0 82 U UG/KG	0 80 U UG/KG	0 81 U UG/KG	0 84 U UG/KG	0 79 U UG/KG	0 79 U UG/KG	0 75 U UG/KG	0 86 U UG/KG	0 78 U UG/KG	0 75 U UG/KG	0 79 U UG/KG
ALPHA-CHLORDANE	0 86 U UG/KG	0 84 U UG/KG	0 85 U UG/KG	0 88 U UG/KG	0 83 U UG/KG	0 83 U UG/KG	0 79 U UG/KG	0 90 U UG/KG	0 82 U UG/KG	0 79 U UG/KG	0 82 U UG/KG
AROCLOR-1016		20 U UG/KG									
AROCLOR-1221		7 3 U UG/KG									
AROCLOR-1232		16 U UG/KG									
AROCLOR-1242		11 U UG/KG									
AROCLOR-1248		8 4 U UG/KG									
AROCLOR-1254		13 U UG/KG									
AROCLOR-1260		18 U UG/KG									
BETA-BHC	1 2 U UG/KG	1 1 U UG/KG	1 2 U UG/KG	1 2 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 2 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG
DELTA-BHC	1 4 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 3 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 3 U UG/KG	1 4 U UG/KG
DIELDRIN	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 98 U UG/KG	0 98 U UG/KG	0 93 U UG/KG	1 1 U UG/KG	0 97 U UG/KG	0 93 U UG/KG	0 98 U UG/KG
ENDOSULFAN I	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 97 U UG/KG	1 1 U UG/KG	1 0 U UG/KG	0 97 U UG/KG	1 0 U UG/KG
ENDOSULFAN II	1 3 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 4 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 2 U UG/KG	1 4 U UG/KG	1 3 U UG/KG	1 2 U UG/KG	1 3 U UG/KG
ENDOSULFAN SULFATE	4 3 U UG/KG	4 2 U UG/KG	4 2 U UG/KG	4 4 U UG/KG	4 2 U UG/KG	4 2 U UG/KG	3 9 U UG/KG	4 5 U UG/KG	4 1 U UG/KG	3 9 U UG/KG	4 1 U UG/KG
ENDRIN	1 7 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 7 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 5 U UG/KG	1 8 U UG/KG	1 6 U UG/KG	1 5 U UG/KG	1 6 U UG/KG
ENDRIN ALDEHYDE	1 6 U UG/KG	1 5 U UG/KG	1 5 U UG/KG	1 6 U UG/KG	1 5 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 6 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 5 U UG/KG
ENDRIN KETONE	7 8 U UG/KG	7 7 U UG/KG	7 7 U UG/KG	8 0 U UG/KG	7 6 U UG/KG	7 6 U UG/KG	7 2 U UG/KG	8 2 U UG/KG	7 5 U UG/KG	7 2 U UG/KG	7 5 U UG/KG
GAMMA-BHC (LINDANE)	0 86 U UG/KG	0 84 U UG/KG	0 85 U UG/KG	0 88 U UG/KG	0 83 U UG/KG	0 83 U UG/KG	0 79 U UG/KG	0 90 U UG/KG	0 82 U UG/KG	0 79 U UG/KG	0 82 U UG/KG
GAMMA-CHLORDANE	0 97 U UG/KG	0 96 U UG/KG	0 96 U UG/KG	1 0 U UG/KG	0 94 U UG/KG	0 94 U UG/KG	0 90 U UG/KG	1 0 U UG/KG	0 94 U UG/KG	0 90 U UG/KG	0 94 U UG/KG
HEPTACHLOR	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 98 U UG/KG	0 98 U UG/KG	0 93 U UG/KG	1 1 U UG/KG	0 97 U UG/KG	0 93 U UG/KG	0 98 U UG/KG
HEPTACHLOR EPOXIDE	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 97 U UG/KG	1 1 U UG/KG	1 0 U UG/KG	0 97 U UG/KG	1 0 U UG/KG
METHOXYCHLOR	7 0 U UG/KG	6 9 U UG/KG	6 9 U UG/KG	7 2 U UG/KG	6 8 U UG/KG	6 8 U UG/KG	6 5 U UG/KG	7 4 U UG/KG	6 7 U UG/KG	6 5 U UG/KG	6 8 U UG/KG
TOXAPHENE	78 U UG/KG	77 U UG/KG	77 U UG/KG	80 U UG/KG	76 U UG/KG	76 U UG/KG	72 U UG/KG	82 U UG/KG	75 U UG/KG	72 U UG/KG	75 U UG/KG

PARAMETER	SS041	SS050	SS051	SS052	SS060	SS061	SS062	SS070	SS071	SS072	SS080
PESTICIDES/PCBs											
4,4'-DDD	2.0 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG
4,4'-DDE	0.99 U UG/KG	3.5 UG/KG	13 UG/KG	0.94 U UG/KG	14 UG/KG	1.1 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	0.96 U UG/KG	0.91 U UG/KG
4,4'-DDT	4.6 U UG/KG	4.6 U UG/KG	9.8 UG/KG	4.4 U UG/KG	9.0 UG/KG	5.2 U UG/KG	4.8 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG
ALDRIN	3.6 U UG/KG	3.7 U UG/KG	3.6 U UG/KG	3.4 U UG/KG	3.6 U UG/KG	4.1 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.3 U UG/KG
ALPHA-BHC	0.80 U UG/KG	0.81 U UG/KG	0.79 U UG/KG	0.76 U UG/KG	0.78 U UG/KG	0.90 U UG/KG	0.84 U UG/KG	0.76 U UG/KG	0.76 U UG/KG	0.77 U UG/KG	0.73 U UG/KG
ALPHA-CHLORDANE	0.84 U UG/KG	0.85 U UG/KG	1.3 UG/KG	0.80 U UG/KG	0.82 U UG/KG	0.95 U UG/KG	0.88 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.77 U UG/KG
AROCLOR-1016											18 U UG/KG
AROCLOR-1221											6.6 U UG/KG
AROCLOR-1232											15 U UG/KG
AROCLOR-1242											10 U UG/KG
AROCLOR-1248											7.7 U UG/KG
AROCLOR-1254											12 U UG/KG
AROCLOR-1260											16 U UG/KG
BETA-BHC	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.0 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG
DIELDRIN	0.99 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.94 U UG/KG	0.97 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	0.96 U UG/KG	0.91 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.94 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.3 U UG/KG	2.2 UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.2 U UG/KG	4.1 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	4.7 U UG/KG	4.4 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	3.8 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.6 U UG/KG	7.7 U UG/KG	7.5 U UG/KG	7.3 U UG/KG	7.5 U UG/KG	8.6 U UG/KG	8.0 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	7.4 U UG/KG	7.0 U UG/KG
GAMMA-BHC (LINDANE)	0.84 U UG/KG	0.85 U UG/KG	0.82 U UG/KG	0.80 U UG/KG	0.82 U UG/KG	0.95 U UG/KG	0.88 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.77 U UG/KG
GAMMA-CHLORDANE	0.95 U UG/KG	0.96 U UG/KG	1.3 UG/KG	0.91 U UG/KG	0.94 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	0.90 U UG/KG	0.91 U UG/KG	0.92 U UG/KG	0.87 U UG/KG
HEPTACHLOR	1.4 UG/KG	1.0 U UG/KG	1.1 UG/KG	0.94 U UG/KG	0.97 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	1.4 UG/KG	0.96 U UG/KG	0.91 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.94 U UG/KG
METHOXYCHLOR	6.8 U UG/KG	6.9 U UG/KG	6.8 U UG/KG	6.5 U UG/KG	6.7 U UG/KG	7.8 U UG/KG	7.2 U UG/KG	6.5 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	6.3 U UG/KG
TOXAPHENE	76 U UG/KG	77 U UG/KG	75 U UG/KG	73 U UG/KG	75 U UG/KG	86 U UG/KG	80 U UG/KG	72 U UG/KG	73 U UG/KG	74 U UG/KG	70 U UG/KG

PARAMETER	SS080-D	SS081	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100	SS101
PESTICIDES/PCBs											
4,4'-DDD	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	2.2 UG/KG	1.6 UG/KG	1.7 UG/KG	0.95 U UG/KG	0.96 U UG/KG	2.4 UG/KG	9.7 UG/KG
4,4'-DDT	4.7 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	7.8 UG/KG	6.1 UG/KG
ALDRIN	3.7 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.6 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.82 U UG/KG	0.77 U UG/KG	0.77 U UG/KG	0.81 U UG/KG	0.78 U UG/KG	0.77 U UG/KG	0.77 U UG/KG	0.77 U UG/KG	0.78 U UG/KG	0.78 U UG/KG	0.77 U UG/KG
ALPHA-CHLORDANE	0.86 U UG/KG	0.81 U UG/KG	0.80 U UG/KG	0.84 U UG/KG	3.1 UG/KG	2.3 UG/KG	3.5 UG/KG	0.81 U UG/KG	0.81 U UG/KG	1.7 UG/KG	1.7 UG/KG
AROCLOR-1016	21 U UG/KG					19 U UG/KG	19 U UG/KG				
AROCLOR-1221	7.4 U UG/KG					6.9 U UG/KG	7.0 U UG/KG				
AROCLOR-1232	16 U UG/KG					15 U UG/KG	15 U UG/KG				
AROCLOR-1242	11 U UG/KG					10 U UG/KG	11 U UG/KG				
AROCLOR-1248	8.6 U UG/KG					8.0 U UG/KG	8.0 U UG/KG				
AROCLOR-1254	13 U UG/KG					12 U UG/KG	12 U UG/KG				
AROCLOR-1260	18 U UG/KG					17 U UG/KG	17 U UG/KG				
BETA-BHC	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.96 U UG/KG	0.96 U UG/KG	1.0 UG/KG
ENDOSULFAN I	1.0 U UG/KG	0.99 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.99 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.99 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	4.5 UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.3 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.2 U UG/KG	4.1 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	4.1 U UG/KG	4.0 U UG/KG
ENDRIN	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.8 U UG/KG	7.4 U UG/KG	7.3 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	7.4 U UG/KG	7.4 U UG/KG	7.4 U UG/KG
GAMMA-BHC (LINDANE)	0.86 U UG/KG	0.81 U UG/KG	0.80 U UG/KG	0.84 U UG/KG	0.82 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.81 U UG/KG	0.82 U UG/KG	0.81 U UG/KG
GAMMA-CHLORDANE	0.98 U UG/KG	0.92 U UG/KG	0.91 U UG/KG	0.96 U UG/KG	3.0 UG/KG	2.4 UG/KG	2.0 UG/KG	0.92 U UG/KG	0.92 U UG/KG	1.9 UG/KG	2.2 UG/KG
HEPTACHLOR	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.96 U UG/KG	0.96 U UG/KG	1.2 UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	0.99 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.99 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.99 U UG/KG
METHOXYCHLOR	7.0 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.9 U UG/KG	6.7 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.7 U UG/KG	6.7 U UG/KG	6.6 U UG/KG
TOXAPHENE	78 U UG/KG	74 U UG/KG	73 U UG/KG	77 U UG/KG	74 U UG/KG	73 U UG/KG	73 U UG/KG	73 U UG/KG	74 U UG/KG	74 U UG/KG	74 U UG/KG

PARAMETER	SS102	SS102-D	SS103	SS104	SS105	SS108	SS109	SS110	SS111	SS112	SS113
PESTICIDES/PCBs											
4,4'-DDD	2 1 U UG/KG	2 0 U UG/KG	2 0 U UG/KG	2 1 U UG/KG	2 1 U UG/KG	1 9 U UG/KG	2 2 U UG/KG	2 0 U UG/KG	2 0 U UG/KG	2 0 U UG/KG	2 0 U UG/KG
4,4'-DDE	1 6 UG/KG	2 0 UG/KG	22 J UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 93 U UG/KG	1 1 U UG/KG	0 95 U UG/KG	4 0 UG/KG	0 99 U UG/KG	0 96 U UG/KG
4,4'-DDT	4 7 U UG/KG	4 6 U UG/KG	4 3 U UG/KG	4 6 U UG/KG	4 7 U UG/KG	4 3 U UG/KG	5 0 U UG/KG	4 4 U UG/KG	4 5 U UG/KG	4 6 U UG/KG	4 4 U UG/KG
ALDRIN	3 7 U UG/KG	3 6 U UG/KG	3 4 U UG/KG	3 6 U UG/KG	3 7 U UG/KG	3 4 U UG/KG	4 0 U UG/KG	3 5 U UG/KG	3 5 U UG/KG	3 6 U UG/KG	3 5 U UG/KG
ALPHA-BHC	0 82 U UG/KG	0 80 U UG/KG	0 76 U UG/KG	0 80 U UG/KG	0 82 U UG/KG	0 75 U UG/KG	0 87 U UG/KG	0 77 U UG/KG	0 78 U UG/KG	0 80 U UG/KG	0 78 U UG/KG
ALPHA-CHLORDANE	0 86 U UG/KG	0 84 U UG/KG	0 80 U UG/KG	0 84 U UG/KG	0 86 U UG/KG	0 79 U UG/KG	0 92 U UG/KG	0 80 U UG/KG	0 82 U UG/KG	0 84 U UG/KG	0 81 U UG/KG
AROCLOR-1016	21 U UG/KG	20 U UG/KG									
AROCLOR-1221	7 4 U UG/KG	7 2 U UG/KG									
AROCLOR-1232	16 U UG/KG	16 U UG/KG									
AROCLOR-1242	11 U UG/KG	11 U UG/KG									
AROCLOR-1248	8 6 U UG/KG	8 4 U UG/KG									
AROCLOR-1254	13 U UG/KG	12 U UG/KG									
AROCLOR-1260	18 U UG/KG	18 U UG/KG									
BETA-BHC	1 2 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 2 U UG/KG	1 1 U UG/KG	1 2 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG
DELTA-BHC	1 4 U UG/KG	1 4 U UG/KG	1 3 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 3 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 4 U UG/KG
DIELDRIN	1 0 U UG/KG	0 99 U UG/KG	0 94 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 93 U UG/KG	1 1 U UG/KG	0 95 U UG/KG	0 97 U UG/KG	0 99 U UG/KG	0 96 U UG/KG
ENDOSULFAN I	1 0 U UG/KG	1 0 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	0 97 U UG/KG	1 1 U UG/KG	0 99 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG
ENDOSULFAN II	1 3 U UG/KG	1 3 U UG/KG	1 2 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 2 U UG/KG	1 4 U UG/KG	1 2 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 2 U UG/KG
ENDOSULFAN SULFATE	4 3 U UG/KG	4 2 U UG/KG	4 0 U UG/KG	4 2 U UG/KG	4 3 U UG/KG	3 9 U UG/KG	4 6 U UG/KG	4 0 U UG/KG	4 1 U UG/KG	4 2 U UG/KG	4 1 U UG/KG
ENDRIN	1 7 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 7 U UG/KG	1 5 U UG/KG	1 8 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 6 U UG/KG
ENDRIN ALDEHYDE	1 6 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 5 U UG/KG	1 6 U UG/KG	1 4 U UG/KG	1 7 U UG/KG	1 5 U UG/KG	1 5 U UG/KG	1 5 U UG/KG	1 5 U UG/KG
ENDRIN KETONE	7 8 U UG/KG	7 6 U UG/KG	19 J UG/KG	7 7 U UG/KG	7 9 U UG/KG	7 2 U UG/KG	8 3 U UG/KG	7 3 U UG/KG	7 4 U UG/KG	7 6 U UG/KG	7 4 U UG/KG
GAMMA-BHC (LINDANE)	0 86 U UG/KG	0 84 U UG/KG	0 80 U UG/KG	0 84 U UG/KG	0 86 U UG/KG	0 79 U UG/KG	0 92 U UG/KG	0 80 U UG/KG	0 82 U UG/KG	0 84 U UG/KG	0 81 U UG/KG
GAMMA-CHLORDANE	0 97 U UG/KG	0 95 U UG/KG	0 90 U UG/KG	0 96 U UG/KG	0 98 U UG/KG	0 90 U UG/KG	1 0 U UG/KG	0 92 U UG/KG	0 93 U UG/KG	0 95 U UG/KG	0 92 U UG/KG
HEPTACHLOR	1 0 U UG/KG	0 99 U UG/KG	0 94 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 93 U UG/KG	1 1 U UG/KG	0 95 U UG/KG	0 97 U UG/KG	0 99 U UG/KG	0 96 U UG/KG
HEPTACHLOR EPOXIDE	1 0 U UG/KG	1 0 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	0 97 U UG/KG	1 1 U UG/KG	0 99 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG
METHOXYCHLOR	7 0 U UG/KG	6 8 U UG/KG	6 5 U UG/KG	6 9 U UG/KG	7 1 U UG/KG	6 4 U UG/KG	7 5 U UG/KG	6 6 U UG/KG	6 7 U UG/KG	6 8 U UG/KG	6 7 U UG/KG
TOXAPHENE	78 U UG/KG	76 U UG/KG	72 U UG/KG	77 U UG/KG	79 U UG/KG	72 U UG/KG	83 U UG/KG	73 U UG/KG	74 U UG/KG	76 U UG/KG	74 U UG/KG

PARAMETER	SS114	SS115	SS116	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
PESTICIDES/PCBs											
4 4'-DDD	1 9 U UG/KG	2 0 U UG/KG	2 0 U UG/KG	2 0 U UG/KG	1 9 U UG/KG	2 0 U UG/KG	2 0 U UG/KG	2 1 U UG/KG	2 2 U UG/KG	1 9 U UG/KG	2 0 U UG/KG
4 4'-DDE	0 94 U UG/KG	1 8 J UG/KG	0 95 U UG/KG	0 94 U UG/KG	0 93 U UG/KG	0 94 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	3 4 UG/KG	1 3 J UG/KG	0 96 U UG/KG
4 4'-DDT	4 3 U UG/KG	4 4 U UG/KG	4 4 U UG/KG	4 3 U UG/KG	4 3 U UG/KG	4 3 U UG/KG	4 5 U UG/KG	4 7 U UG/KG	4 9 U UG/KG	4 3 U UG/KG	4 4 U UG/KG
ALDRIN	3 4 U UG/KG	3 5 U UG/KG	3 5 U UG/KG	3 4 U UG/KG	3 4 U UG/KG	3 4 U UG/KG	3 6 U UG/KG	3 7 U UG/KG	3 9 U UG/KG	3 4 U UG/KG	3 5 U UG/KG
ALPHA-BHC	0 76 U UG/KG	0 77 U UG/KG	0 77 U UG/KG	0 76 U UG/KG	0 75 U UG/KG	0 76 U UG/KG	0 79 U UG/KG	0 82 U UG/KG	0 86 U UG/KG	0 75 U UG/KG	0 78 U UG/KG
ALPHA-CHLORDANE	0 79 U UG/KG	0 81 U UG/KG	0 81 U UG/KG	0 80 U UG/KG	0 79 U UG/KG	0 80 U UG/KG	0 82 U UG/KG	0 86 U UG/KG	0 90 U UG/KG	0 79 U UG/KG	0 82 U UG/KG
AROCLOR-1016											20 U UG/KG
AROCLOR-1221											7 0 U UG/KG
AROCLOR-1232											16 U UG/KG
AROCLOR-1242											11 U UG/KG
AROCLOR-1248											8 2 U UG/KG
AROCLOR-1254											12 U UG/KG
AROCLOR-1260											17 U UG/KG
BETA-BHC	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 2 U UG/KG	1 2 U UG/KG	1 1 U UG/KG	1 1 U UG/KG
DELTA-BHC	1 3 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 5 U UG/KG	1 3 U UG/KG	1 4 U UG/KG
DIELDRIN	0 94 U UG/KG	0 95 U UG/KG	0 95 U UG/KG	0 94 U UG/KG	0 93 U UG/KG	0 94 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	0 93 U UG/KG	0 96 U UG/KG
ENDOSULFAN I	0 97 U UG/KG	0 99 U UG/KG	0 99 U UG/KG	0 98 U UG/KG	0 97 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	0 97 U UG/KG	1 0 U UG/KG
ENDOSULFAN II	1 2 U UG/KG	1 2 U UG/KG	1 2 U UG/KG	1 2 U UG/KG	1 2 U UG/KG	1 2 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 4 U UG/KG	1 2 U UG/KG	1 3 U UG/KG
ENDOSULFAN SULFATE	4 0 U UG/KG	4 0 U UG/KG	4 0 U UG/KG	4 0 U UG/KG	3 9 U UG/KG	4 0 U UG/KG	4 1 U UG/KG	4 3 U UG/KG	4 5 U UG/KG	3 9 U UG/KG	4 1 U UG/KG
ENDRIN	1 5 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 5 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 7 U UG/KG	1 8 U UG/KG	1 5 U UG/KG	1 6 U UG/KG
ENDRIN ALDEHYDE	1 4 U UG/KG	1 5 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 5 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 4 U UG/KG	1 5 U UG/KG
ENDRIN KETONE	7 2 U UG/KG	7 3 U UG/KG	7 3 U UG/KG	7 2 U UG/KG	7 2 U UG/KG	7 2 U UG/KG	7 5 U UG/KG	7 8 U UG/KG	8 2 U UG/KG	7 2 U UG/KG	7 4 U UG/KG
GAMMA-BHC (LINDANE)	0 79 U UG/KG	0 81 U UG/KG	0 81 U UG/KG	0 80 U UG/KG	0 79 U UG/KG	0 80 U UG/KG	0 82 U UG/KG	0 86 U UG/KG	0 90 U UG/KG	0 79 U UG/KG	0 82 U UG/KG
GAMMA-CHLORDANE	0 90 U UG/KG	1 9 J UG/KG	0 92 U UG/KG	0 90 U UG/KG	0 90 U UG/KG	0 90 U UG/KG	0 94 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	0 90 U UG/KG	0 93 U UG/KG
HEPTACHLOR	0 94 U UG/KG	0 95 U UG/KG	0 95 U UG/KG	0 94 U UG/KG	0 93 U UG/KG	0 94 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 2 UG/KG	0 93 U UG/KG	0 96 U UG/KG
HEPTACHLOR EPOXIDE	0 97 U UG/KG	0 99 U UG/KG	0 99 U UG/KG	0 98 U UG/KG	0 97 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	0 97 U UG/KG	1 0 U UG/KG
METHOXYCHLOR	6 5 U UG/KG	6 6 U UG/KG	6 6 U UG/KG	6 5 U UG/KG	6 4 U UG/KG	6 5 U UG/KG	6 8 U UG/KG	7 0 U UG/KG	7 4 U UG/KG	6 4 U UG/KG	6 7 U UG/KG
TOXAPHENE	72 U UG/KG	73 U UG/KG	73 U UG/KG	72 U UG/KG	72 U UG/KG	72 U UG/KG	75 U UG/KG	78 U UG/KG	82 U UG/KG	72 U UG/KG	74 U UG/KG

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131	SS132	SS133	SS134
PESTICIDES/PCBs											
4 4'-DDD	2 0 U UG/KG	2 0 U UG/KG	2 2 U UG/KG	2 2 U UG/KG	1 9 U UG/KG	2 0 U UG/KG	2 1 U UG/KG	2 0 U UG/KG	2 0 U UG/KG	2 1 U UG/KG	2 1 U UG/KG
4 4'-DDE	0 96 U UG/KG	0 96 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 94 U UG/KG	4 5 J UG/KG	1 0 U UG/KG	0 98 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 0 U UG/KG
4 4'-DDT	4 4 U UG/KG	4 4 U UG/KG	4 8 U UG/KG	4 9 U UG/KG	9 1 J UG/KG	4 4 U UG/KG	4 8 U UG/KG	4 5 U UG/KG	4 5 U UG/KG	4 6 U UG/KG	4 6 U UG/KG
ALDRIN	3 5 U UG/KG	3 5 U UG/KG	3 8 U UG/KG	3 9 U UG/KG	3 4 U UG/KG	3 5 U UG/KG	3 8 U UG/KG	3 6 U UG/KG	3 6 U UG/KG	3 6 U UG/KG	3 7 U UG/KG
ALPHA-BHC	0 77 U UG/KG	0 78 U UG/KG	0 84 U UG/KG	0 85 U UG/KG	0 76 U UG/KG	0 78 U UG/KG	0 83 U UG/KG	0 79 U UG/KG	0 79 U UG/KG	0 80 U UG/KG	0 81 U UG/KG
ALPHA-CHLORDANE	0 81 U UG/KG	0 81 U UG/KG	0 88 U UG/KG	0 90 U UG/KG	0 79 U UG/KG	0 82 U UG/KG	0 87 U UG/KG	0 83 U UG/KG	0 83 U UG/KG	0 84 U UG/KG	0 85 U UG/KG
AROCLOR-1016	20 U UG/KG										
AROCLOR-1221	7 0 U UG/KG										
AROCLOR-1232	15 U UG/KG										
AROCLOR-1242	11 U UG/KG										
AROCLOR-1248	8 1 U UG/KG										
AROCLOR-1254	12 U UG/KG										
AROCLOR-1260	17 U UG/KG										
BETA-BHC	1 1 U UG/KG	1 1 U UG/KG	1 2 U UG/KG	1 2 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 2 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	1 2 U UG/KG
DELTA-BHC	1 4 U UG/KG	1 4 U UG/KG	1 5 U UG/KG	1 5 U UG/KG	1 3 U UG/KG	1 4 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 4 U UG/KG
DIELDRIN	0 96 U UG/KG	0 96 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 94 U UG/KG	0 96 U UG/KG	1 0 U UG/KG	0 98 U UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 0 U UG/KG
ENDOSULFAN I	0 99 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	0 97 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG
ENDOSULFAN II	1 2 U UG/KG	1 2 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 2 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 3 U UG/KG	1 3 U UG/KG
ENDOSULFAN SULFATE	4 0 U UG/KG	4 1 U UG/KG	4 4 U UG/KG	4 5 U UG/KG	4 0 U UG/KG	4 1 U UG/KG	4 4 U UG/KG	4 1 U UG/KG	4 2 U UG/KG	4 2 U UG/KG	4 3 U UG/KG
ENDRIN	1 6 U UG/KG	1 6 U UG/KG	1 7 U UG/KG	1 8 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 7 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 7 U UG/KG
ENDRIN ALDEHYDE	1 5 U UG/KG	1 5 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 4 U UG/KG	1 5 U UG/KG	1 6 U UG/KG	1 5 U UG/KG	1 5 U UG/KG	1 5 U UG/KG	1 6 U UG/KG
ENDRIN KETONE	7 4 U UG/KG	7 4 U UG/KG	8 0 U UG/KG	8 1 U UG/KG	7 2 U UG/KG	7 4 U UG/KG	7 9 U UG/KG	7 5 U UG/KG	7 6 U UG/KG	7 7 U UG/KG	7 8 U UG/KG
GAMMA-BHC (LINDANE)	0 81 U UG/KG	0 81 U UG/KG	0 88 U UG/KG	0 90 U UG/KG	0 79 U UG/KG	0 82 U UG/KG	0 87 U UG/KG	0 83 U UG/KG	0 83 U UG/KG	0 84 U UG/KG	0 85 U UG/KG
GAMMA-CHLORDANE	0 92 U UG/KG	0 92 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 90 U UG/KG	0 93 U UG/KG	0 99 U UG/KG	0 94 U UG/KG	0 94 U UG/KG	0 96 U UG/KG	0 97 U UG/KG
HEPTACHLOR	0 96 U UG/KG	0 96 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	0 94 U UG/KG	0 96 U UG/KG	1 0 U UG/KG	1 6 UG/KG	0 98 U UG/KG	1 0 U UG/KG	1 0 U UG/KG
HEPTACHLOR EPOXIDE	0 99 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	1 1 U UG/KG	0 97 U UG/KG	1 0 U UG/KG	1 1 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG	1 0 U UG/KG
METHOXYCHLOR	6 6 U UG/KG	6 7 U UG/KG	7 2 U UG/KG	7 3 U UG/KG	6 5 U UG/KG	6 7 U UG/KG	7 1 U UG/KG	6 8 U UG/KG	6 8 U UG/KG	6 9 U UG/KG	7 0 U UG/KG
TOXAPHENE	74 U UG/KG	74 U UG/KG	80 U UG/KG	81 U UG/KG	72 U UG/KG	74 U UG/KG	79 U UG/KG	75 U UG/KG	76 U UG/KG	77 U UG/KG	78 U UG/KG

PARAMETER	SS135	SS137	SS137-D	SS138	SS139	SS140	SS151	SS151-D	SS152	SS153	SS154
PESTICIDES/PCBs											
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	0.97 U UG/KG	0.94 U UG/KG	0.95 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	2.1 J UG/KG	0.97 U UG/KG
4,4'-DDT	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.5 U UG/KG
ALDRIN	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG	3.7 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.78 U UG/KG	0.76 U UG/KG	0.76 U UG/KG	0.77 U UG/KG	0.76 U UG/KG	0.75 U UG/KG	0.76 U UG/KG	0.84 U UG/KG	0.81 U UG/KG	0.78 U UG/KG	0.78 U UG/KG
ALPHA-CHLORDANE	0.82 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.80 U UG/KG	0.78 U UG/KG	0.80 U UG/KG	0.88 U UG/KG	0.85 U UG/KG	0.81 U UG/KG	0.82 U UG/KG
AROCLOR-1016		19 U UG/KG	19 U UG/KG								
AROCLOR-1221		6.9 U UG/KG	6.9 U UG/KG								
AROCLOR-1232		15 U UG/KG	15 U UG/KG								
AROCLOR-1242		10 U UG/KG	10 U UG/KG								
AROCLOR-1248		8.0 U UG/KG	8.0 U UG/KG								
AROCLOR-1254		12 U UG/KG	12 U UG/KG								
AROCLOR-1260		17 U UG/KG	17 U UG/KG								
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0.97 U UG/KG	0.94 U UG/KG	0.95 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.97 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.98 U UG/KG	0.96 U UG/KG	0.98 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.3 U UG/KG
ENDOSULFAN SULFATE	4.1 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.1 U UG/KG	4.1 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.5 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	7.4 U UG/KG	7.3 U UG/KG	7.1 U UG/KG	7.3 U UG/KG	8.0 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.4 U UG/KG
GAMMA-BHC (LINDANE)	0.82 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.80 U UG/KG	0.78 U UG/KG	0.80 U UG/KG	0.88 U UG/KG	0.85 U UG/KG	0.81 U UG/KG	0.82 U UG/KG
GAMMA-CHLORDANE	0.93 U UG/KG	0.91 U UG/KG	0.91 U UG/KG	0.92 U UG/KG	0.91 U UG/KG	0.89 U UG/KG	0.91 U UG/KG	1.0 U UG/KG	0.97 U UG/KG	0.92 U UG/KG	0.93 U UG/KG
HEPTACHLOR	1.1 J UG/KG	0.94 U UG/KG	3.0 UG/KG	0.96 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.97 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.98 U UG/KG	0.96 U UG/KG	0.98 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	6.7 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.4 U UG/KG	6.6 U UG/KG	7.2 U UG/KG	7.0 U UG/KG	6.7 U UG/KG	6.7 U UG/KG
TOXAPHENE	75 U UG/KG	73 U UG/KG	73 U UG/KG	74 U UG/KG	73 U UG/KG	71 U UG/KG	73 U UG/KG	80 U UG/KG	77 U UG/KG	74 U UG/KG	74 U UG/KG

PARAMETER	SS155	SS156	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03	SSH04
PESTICIDES/PCBs										
4,4'-DDD	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.5 U UG/KG	2.2 UG/KG	2.2 U UG/KG	2.3 U UG/KG
4,4'-DDE	1.0 U UG/KG	3.0 UG/KG	3.1 J UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.2 U UG/KG	2.2 UG/KG	1.1 U UG/KG	1.1 U UG/KG
4,4'-DDT	4.6 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	5.5 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	5.1 U UG/KG
ALDRIN	3.6 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	4.3 U UG/KG	3.6 U UG/KG	3.9 U UG/KG	4.0 U UG/KG
ALPHA-BHC	0.80 U UG/KG	0.77 U UG/KG	0.78 U UG/KG	0.77 U UG/KG	0.75 U UG/KG	0.77 U UG/KG	0.96 U UG/KG	0.78 U UG/KG	0.86 U UG/KG	0.89 U UG/KG
ALPHA-CHLORDANE	0.84 U UG/KG	0.81 U UG/KG	0.82 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.81 U UG/KG	1.0 U UG/KG	5.0 UG/KG	0.90 U UG/KG	0.93 U UG/KG
AROCLOR-1016										
AROCLOR-1221										
AROCLOR-1232										
AROCLOR-1242										
AROCLOR-1248										
AROCLOR-1254										
AROCLOR-1260										
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.4 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.3 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.7 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.6 U UG/KG
DIELDRIN	3.0 UG/KG	0.96 U UG/KG	0.97 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.2 U UG/KG	0.97 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.99 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	1.2 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.6 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	4.0 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	5.0 U UG/KG	4.1 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	2.0 U UG/KG	4.4 UG/KG	1.8 U UG/KG	1.8 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.8 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
ENDRIN KETONE	7.7 U UG/KG	7.4 U UG/KG	7.5 U UG/KG	7.3 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	9.1 U UG/KG	7.5 U UG/KG	8.2 U UG/KG	8.5 U UG/KG
GAMMA-BHC (LINDANE)	0.84 U UG/KG	0.81 U UG/KG	0.82 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.81 U UG/KG	1.0 U UG/KG	0.82 U UG/KG	0.90 U UG/KG	0.93 U UG/KG
GAMMA-CHLORDANE	0.96 U UG/KG	0.92 U UG/KG	0.93 U UG/KG	0.92 U UG/KG	0.90 U UG/KG	0.92 U UG/KG	1.1 U UG/KG	3.9 UG/KG	1.0 U UG/KG	1.0 U UG/KG
HEPTACHLOR	1.0 U UG/KG	0.96 U UG/KG	0.97 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.2 U UG/KG	0.97 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.99 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	1.2 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
METHOXYCHLOR	6.9 U UG/KG	6.6 U UG/KG	6.7 U UG/KG	6.6 U UG/KG	6.4 U UG/KG	6.6 U UG/KG	8.2 U UG/KG	6.7 U UG/KG	7.4 U UG/KG	7.6 U UG/KG
TOXAPHENE	77 U UG/KG	74 U UG/KG	75 U UG/KG	73 U UG/KG	72 U UG/KG	73 U UG/KG	91 U UG/KG	75 U UG/KG	82 U UG/KG	85 U UG/KG

PARAMETER	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10	SSH11	SSH12	SSH13	SSH14
PESTICIDES/PCBs											
4,4'-DDD	2.1 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	23 UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.7 UG/KG
4,4'-DDE	1.0 U UG/KG	1.0 U UG/KG	0.95 U UG/KG	39.4 UG/KG	0.94 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.92 U UG/KG	0.94 U UG/KG	0.95 U UG/KG	0.96 U UG/KG
4,4'-DDT	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	234 UG/KG	4.3 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
ALDRIN	3.6 U UG/KG	3.6 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.81 U UG/KG	0.81 U UG/KG	0.77 U UG/KG	0.76 U UG/KG	0.76 U UG/KG	0.78 U UG/KG	0.78 U UG/KG	0.74 U UG/KG	0.76 U UG/KG	0.77 U UG/KG	0.77 U UG/KG
ALPHA-CHLORDANE	0.85 U UG/KG	0.85 U UG/KG	0.80 U UG/KG	36 UG/KG	0.79 U UG/KG	0.82 U UG/KG	60 J UG/KG	0.78 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.81 U UG/KG
AROCLOR-1016	20 U UG/KG	20 U UG/KG									
AROCLOR-1221	7.3 U UG/KG	7.3 U UG/KG									
AROCLOR-1232	16 U UG/KG	16 U UG/KG									
AROCLOR-1242	11 U UG/KG	11 U UG/KG									
AROCLOR-1248	8.5 U UG/KG	8.5 U UG/KG									
AROCLOR-1254	39 UG/KG	22 UG/KG									
AROCLOR-1260	18 U UG/KG	18 U UG/KG									
BETA-BHC	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	1.0 U UG/KG	1.0 U UG/KG	0.95 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	4.1 UG/KG	9.0 J UG/KG	0.92 U UG/KG	0.94 U UG/KG	0.95 U UG/KG	0.96 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.2 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	4.1 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.7 U UG/KG	7.7 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	7.2 U UG/KG	7.5 U UG/KG	7.4 U UG/KG	7.1 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	7.4 U UG/KG
GAMMA-BHC (LINDANE)	0.85 U UG/KG	0.85 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.82 U UG/KG	0.82 U UG/KG	0.78 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.81 U UG/KG
GAMMA-CHLORDANE	0.96 U UG/KG	0.96 U UG/KG	0.91 U UG/KG	46 UG/KG	0.90 U UG/KG	0.93 U UG/KG	66 J UG/KG	0.88 U UG/KG	0.90 U UG/KG	2.3 UG/KG	0.92 U UG/KG
HEPTACHLOR	1.0 U UG/KG	1.0 U UG/KG	0.95 U UG/KG	4.2 UG/KG	0.94 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.92 U UG/KG	0.94 U UG/KG	0.95 U UG/KG	0.96 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	1.0 U UG/KG	6.3 J UG/KG	0.96 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	6.9 U UG/KG	6.9 U UG/KG	6.6 U UG/KG	6.5 U UG/KG	6.5 U UG/KG	6.7 U UG/KG	6.7 U UG/KG	6.4 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	6.6 U UG/KG
TOXAPHENE	77 U UG/KG	77 U UG/KG	73 U UG/KG	73 U UG/KG	72 U UG/KG	75 U UG/KG	74 U UG/KG	71 U UG/KG	72 U UG/KG	73 U UG/KG	74 U UG/KG

PARAMETER	SSH15	SSH15-D	SSH16	SSH17	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
PESTICIDES/PCBs											
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	3.0 U UG/KG	2.0 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	13 UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	0.94 U UG/KG	5.2 UG/KG	1.4 U UG/KG	0.94 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	8.6 UG/KG	0.96 U UG/KG	0.95 U UG/KG
4,4'-DDT	4.4 U UG/KG	4.4 U UG/KG	6.7 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	188 UG/KG	4.4 U UG/KG	4.4 U UG/KG
ALDRIN	3.4 U UG/KG	3.4 U UG/KG	5.3 U UG/KG	3.4 U UG/KG	3.6 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.76 U UG/KG	0.76 U UG/KG	1.2 U UG/KG	0.76 U UG/KG	0.80 U UG/KG	0.76 U UG/KG	0.75 U UG/KG	0.77 U UG/KG	0.84 U UG/KG	0.77 U UG/KG	0.77 U UG/KG
ALPHA-CHLORDANE	0.80 U UG/KG	0.80 U UG/KG	1.2 U UG/KG	0.80 U UG/KG	0.84 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	14 UG/KG	0.81 U UG/KG	0.80 U UG/KG
AROCLOR-1016	19 U UG/KG	19 U UG/KG									
AROCLOR-1221	6.9 U UG/KG	6.9 U UG/KG									
AROCLOR-1232	15 U UG/KG	15 U UG/KG									
AROCLOR-1242	10 U UG/KG	10 U UG/KG									
AROCLOR-1248	8.0 U UG/KG	8.0 U UG/KG									
AROCLOR-1254	12 U UG/KG	12 U UG/KG									
AROCLOR-1260	17 U UG/KG	17 U UG/KG									
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.7 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.3 U UG/KG	1.3 U UG/KG	2.0 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0.94 U UG/KG	0.94 U UG/KG	1.4 U UG/KG	0.94 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG
ENDOSULFAN I	0.98 U UG/KG	0.98 U UG/KG	1.5 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	0.98 U UG/KG	1.1 U UG/KG	0.99 U UG/KG	0.99 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.9 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	4.0 U UG/KG	6.1 U UG/KG	4.0 U UG/KG	4.2 U UG/KG	4.0 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.4 U UG/KG	4.0 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	2.4 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.4 U UG/KG	1.4 U UG/KG	2.2 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.3 U UG/KG	7.3 U UG/KG	11 U UG/KG	7.3 U UG/KG	7.7 U UG/KG	7.3 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	8.0 U UG/KG	7.4 U UG/KG	7.3 U UG/KG
GAMMA-BHC (LINDANE)	0.80 U UG/KG	0.80 U UG/KG	1.2 U UG/KG	0.80 U UG/KG	0.84 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.88 U UG/KG	0.81 U UG/KG	0.80 U UG/KG
GAMMA-CHLORDANE	0.91 U UG/KG	0.91 U UG/KG	1.4 U UG/KG	0.91 U UG/KG	0.96 U UG/KG	0.91 U UG/KG	0.90 U UG/KG	0.91 U UG/KG	12 UG/KG	0.92 U UG/KG	0.92 U UG/KG
HEPTACHLOR	0.94 U UG/KG	2.8 UG/KG	1.4 U UG/KG	0.94 U UG/KG	1.8 UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG
HEPTACHLOR EPOXIDE	0.98 U UG/KG	0.98 U UG/KG	1.5 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	0.98 U UG/KG	1.1 U UG/KG	0.99 U UG/KG	0.99 U UG/KG
METHOXYCHLOR	6.5 U UG/KG	6.5 U UG/KG	10 U UG/KG	6.5 U UG/KG	6.9 U UG/KG	6.5 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	7.2 U UG/KG	6.6 U UG/KG	6.6 U UG/KG
TOXAPHENE	73 U UG/KG	73 U UG/KG	110 U UG/KG	73 U UG/KG	77 U UG/KG	73 U UG/KG	72 U UG/KG	73 U UG/KG	80 U UG/KG	74 U UG/KG	73 U UG/KG

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30	SSH31	SSH32	SSH33	SSH34
PESTICIDES/PCBs											
4,4'-DDD	2.0 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	18 UG/KG	1.9 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	3.0 UG/KG	1.9 U UG/KG	1.9 U UG/KG
4,4'-DDE	0.95 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	26 UG/KG	3.9 UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.8 UG/KG	1.9 UG/KG	6.3 UG/KG
4,4'-DDT	4.4 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	47 UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	21 UG/KG	4.3 U UG/KG	4.8 UG/KG
ALDRIN	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.77 U UG/KG	0.75 U UG/KG	0.76 U UG/KG	0.76 U UG/KG	0.75 U UG/KG	0.75 U UG/KG	0.75 U UG/KG	0.77 U UG/KG	0.76 U UG/KG	0.75 U UG/KG	0.75 U UG/KG
ALPHA-CHLORDANE	0.81 U UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	20 UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	2.3 UG/KG	15 UG/KG	2.7 UG/KG
AROCLOR-1016	19 U UG/KG										
AROCLOR-1221	7.0 U UG/KG										
AROCLOR-1232	15 U UG/KG										
AROCLOR-1242	11 U UG/KG										
AROCLOR-1248	8.1 U UG/KG										
AROCLOR-1254	12 U UG/KG										
AROCLOR-1260	17 U UG/KG										
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
DIELDRIN	0.95 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.93 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.93 U UG/KG
ENDOSULFAN I	0.99 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	0.97 U UG/KG	0.96 U UG/KG	0.96 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	3.9 U UG/KG	3.9 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	3.9 U UG/KG	3.9 U UG/KG
ENDRIN	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.3 U UG/KG	7.2 U UG/KG	7.2 U UG/KG	7.2 U UG/KG	7.5 UG/KG	7.2 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	7.2 U UG/KG	7.1 U UG/KG	7.1 U UG/KG
GAMMA-BHC (LINDANE)	0.81 U UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.78 U UG/KG	0.78 U UG/KG
GAMMA-CHLORDANE	0.92 U UG/KG	0.90 U UG/KG	0.90 U UG/KG	0.90 U UG/KG	19 UG/KG	0.90 U UG/KG	0.90 U UG/KG	0.92 U UG/KG	3.0 UG/KG	13 UG/KG	4.7 UG/KG
HEPTACHLOR	0.95 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.93 U UG/KG	0.93 U UG/KG	2.7 UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.93 U UG/KG
HEPTACHLOR EPOXIDE	0.99 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.98 U UG/KG	1.4 UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	0.97 U UG/KG	0.96 U UG/KG	0.96 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	6.4 U UG/KG	6.5 U UG/KG	6.5 U UG/KG	27 UG/KG	6.4 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	6.5 U UG/KG	6.4 U UG/KG	6.4 U UG/KG
TOXAPHENE	73 U UG/KG	72 U UG/KG	72 U UG/KG	72 U UG/KG	72 U UG/KG	72 U UG/KG	72 U UG/KG	73 U UG/KG	72 U UG/KG	71 U UG/KG	71 U UG/KG

PARAMETER	SSH35	SSH35-D	SSH36	SSH37	SSH38	SSH39	SSH40
PESTICIDES/PCBs							
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	15 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	1.9 U UG/KG
4,4'-DDE	0.95 U UG/KG	0.95 U UG/KG	7.4 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.92 U UG/KG
4,4'-DDT	4.4 U UG/KG	4.4 U UG/KG	34 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.2 U UG/KG
ALDRIN	3.4 U UG/KG	3.4 U UG/KG	27 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.76 U UG/KG	0.76 U UG/KG	6.0 U UG/KG	0.77 U UG/KG	0.77 U UG/KG	0.75 U UG/KG	0.74 U UG/KG
ALPHA-CHLORDANE	0.80 U UG/KG	0.80 U UG/KG	6.3 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.78 U UG/KG
AROCLOR-1016	19 U UG/KG	19 U UG/KG					
AROCLOR-1221	6.9 U UG/KG	6.9 U UG/KG					
AROCLOR-1232	15 U UG/KG	15 U UG/KG					
AROCLOR-1242	10 U UG/KG	10 U UG/KG					
AROCLOR-1248	8.0 U UG/KG	8.0 U UG/KG					
AROCLOR-1254	12 U UG/KG	12 U UG/KG					
AROCLOR-1260	17 U UG/KG	17 U UG/KG					
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	8.6 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.3 U UG/KG	1.3 U UG/KG	10 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
DIELDRIN	0.95 U UG/KG	0.95 U UG/KG	7.4 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.92 U UG/KG
ENDOSULFAN I	0.98 U UG/KG	0.98 U UG/KG	7.7 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	0.96 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	9.7 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	4.0 U UG/KG	31 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	3.9 U UG/KG	3.9 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	12 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN ALDEHYDE	1.4 U UG/KG	1.4 U UG/KG	11 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.3 U UG/KG	7.3 U UG/KG	57 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	7.2 U UG/KG	7.1 U UG/KG
GAMMA-BHC (LINDANE)	0.80 U UG/KG	0.80 U UG/KG	6.3 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.78 U UG/KG
GAMMA-CHLORDANE	0.91 U UG/KG	0.91 U UG/KG	7.2 U UG/KG	0.91 U UG/KG	0.91 U UG/KG	0.90 U UG/KG	0.88 U UG/KG
HEPTACHLOR	0.95 U UG/KG	0.95 U UG/KG	7.4 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.92 U UG/KG
HEPTACHLOR EPOXIDE	0.98 U UG/KG	0.98 U UG/KG	7.7 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	0.96 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	6.6 U UG/KG	51 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.4 U UG/KG	6.4 U UG/KG
TOXAPHENE	73 U UG/KG	73 U UG/KG	570 U UG/KG	73 U UG/KG	73 U UG/KG	72 U UG/KG	71 U UG/KG

PARAMETER	SSH05	SSH05-D
DIOXINS		
1,2,3,4,6,7,8-HPCDD	0.0040 U UG/KG	0.0045 U UG/KG
1,2,3,4,6,7,8-HPCDF	0.0043 U UG/KG	0.0100 U UG/KG
1,2,3,4,7,8,9-HPCDF	0.0050 U UG/KG	0.0115 U UG/KG
1,2,3,4,7,8-HXCDD	0.0047 U UG/KG	0.0061 U UG/KG
1,2,3,4,7,8-HXCDF	0.0044 U UG/KG	0.0047 U UG/KG
1,2,3,6,7,8-HXCDD	0.0048 U UG/KG	0.0062 U UG/KG
1,2,3,6,7,8-HXCDF	0.0043 U UG/KG	0.0046 U UG/KG
1,2,3,7,8,9-HXCDD	0.0043 U UG/KG	0.0056 U UG/KG
1,2,3,7,8,9-HXCDF	0.0047 U UG/KG	0.0050 U UG/KG
1,2,3,7,8-PECDD	0.0064 U UG/KG	0.0069 U UG/KG
1,2,3,7,8-PECDF	0.0048 U UG/KG	0.0057 U UG/KG
2,3,4,6,7,8-HXCDF	0.0051 U UG/KG	0.0055 U UG/KG
2,3,4,7,8-PECDF	0.0046 U UG/KG	0.0055 U UG/KG
2,3,7,8-TCDD	0.0046 U UG/KG	0.0059 U UG/KG
2,3,7,8-TCDF	0.0046 U UG/KG	0.0055 U UG/KG
OCDD	0.1843 J UG/KG	0.1259 J UG/KG
OCDF	0.0156 U UG/KG	0.0155 U UG/KG
TOTAL HPCDD	0.0040 U UG/KG	0.0045 U UG/KG
TOTAL HPCDF	0.0043 U UG/KG	0.0100 U UG/KG
TOTAL HXCDD	0.0043 U UG/KG	0.0056 U UG/KG
TOTAL HXCDF	0.0043 U UG/KG	0.0046 U UG/KG
TOTAL PECDD	0.0064 U UG/KG	0.0069 U UG/KG
TOTAL PECDF	0.0046 U UG/KG	0.0055 U UG/KG
TOTAL TCDD	0.0046 U UG/KG	0.0059 U UG/KG
TOTAL TCDF	0.0356 U UG/KG	0.0341 U UG/KG

Note: Dioxins were run for these samples only

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030	SS031	SS032	SS040
HERBICIDES											
2,4,5-T	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	8.2 U UG/KG	8 U UG/KG	8.1 U UG/KG	8.4 U UG/KG	8 U UG/KG	8 U UG/KG	7.9 U UG/KG	8.6 U UG/KG	7.9 U UG/KG	7.8 U UG/KG	7.9 U UG/KG
2,4-DB	4.7 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.5 U UG/KG
DALAPON	9.3 U UG/KG	9.2 U UG/KG	9.2 U UG/KG	9.6 U UG/KG	9.2 U UG/KG	9.1 U UG/KG	9 U UG/KG	9.8 U UG/KG	9 U UG/KG	8.9 U UG/KG	9 U UG/KG
DICAMBA	4.7 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.5 U UG/KG
DICHLOROPROP	23 U UG/KG	23 U UG/KG	23 U UG/KG	24 U UG/KG	23 U UG/KG	23 U UG/KG	22 U UG/KG	25 U UG/KG	22 U UG/KG	22 U UG/KG	23 U UG/KG
DINOSEB	4.7 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.5 U UG/KG
MCPA	2300 U UG/KG	2300 U UG/KG	2300 U UG/KG	2400 U UG/KG	2300 U UG/KG	2300 U UG/KG	2200 U UG/KG	2500 U UG/KG	2200 U UG/KG	2200 U UG/KG	2300 U UG/KG
MCPP	1200 U UG/KG	1200 U UG/KG	1200 U UG/KG	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.4 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.5 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.3 U UG/KG

PARAMETER	SS041	SS050	SS051	SS052	SS060	SS061	SS062	SS070	SS071	SS072	SS080
HERBICIDES											
2,4,5-T	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.7 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	2 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG
2,4-D	8 U UG/KG	8.2 U UG/KG	7.9 U UG/KG	8 U UG/KG	7.9 U UG/KG	9 U UG/KG	7.8 U UG/KG	7.7 U UG/KG	7.6 U UG/KG	7.8 U UG/KG	7.4 U UG/KG
2,4-DB	4.6 U UG/KG	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	5.2 U UG/KG	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.2 U UG/KG
DALAPON	9.2 U UG/KG	9.3 U UG/KG	9 U UG/KG	9.2 U UG/KG	9 U UG/KG	10 U UG/KG	9 U UG/KG	8.8 U UG/KG	8.7 U UG/KG	8.9 U UG/KG	8.4 U UG/KG
DICAMBA	4.6 U UG/KG	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	5.2 U UG/KG	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.2 U UG/KG
DICHLOROPROP	23 U UG/KG	23 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG	26 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG
DINOSEB	4.6 U UG/KG	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	5.2 U UG/KG	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.2 U UG/KG
MCPA	2300 U UG/KG	2300 U UG/KG	2200 U UG/KG	2300 U UG/KG	2300 U UG/KG	2600 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2100 U UG/KG
MCPP	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1000 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.6 U UG/KG	2.2 U UG/KG	4.5 UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG

PARAMETER	SS080-D	SS081	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100	SS101
HERBICIDES											
2,4,5-T	1.5 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
2,4-D	8.2 U UG/KG	7.7 U UG/KG	8.4 U UG/KG	8 U UG/KG	7.9 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.8 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.7 U UG/KG
2,4-DB	4.7 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG
DALAPON	9.4 U UG/KG	8.8 U UG/KG	9.6 U UG/KG	9.2 UR UG/KG	9 U UG/KG	8.8 U UG/KG	8.8 U UG/KG	8.9 U UG/KG	8.8 UR UG/KG	8.5 U UG/KG	8.8 U UG/KG
DICAMBA	4.7 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG
DICHLOROPROP	24 U UG/KG	22 U UG/KG	24 U UG/KG	23 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG
DINOSEB	4.7 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG
MCPA	2400 U UG/KG	2200 U UG/KG	2400 U UG/KG	2300 UR UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 UR UG/KG	2100 U UG/KG	2200 U UG/KG
MCPP	1200 U UG/KG	1100 U UG/KG	1200 U UG/KG	1200 UR UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 UR UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.4 U UG/KG	2.2 U UG/KG	2.4 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG

PARAMETER	SS102	SS102-D	SS103	SS104	SS105	SS108	SS109	SS110	SS111	SS112	SS113
HERBICIDES											
2,4,5-T	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	8 U UG/KG	8 U UG/KG	7.7 U UG/KG	8 U UG/KG	8.4 U UG/KG	7.7 U UG/KG	8.8 U UG/KG	7.7 U UG/KG	7.8 U UG/KG	7.9 U UG/KG	8 U UG/KG
2,4-DB	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	4.4 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
DALAPON	9.1 U UG/KG	9.1 U UG/KG	8.8 UR UG/KG	9.2 UR UG/KG	9.6 UR UG/KG	8.8 UR UG/KG	10 UR UG/KG	8.8 U UG/KG	8.9 U UG/KG	9.1 U UG/KG	9.2 UR UG/KG
DICAMBA	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	4.4 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
DICHLOROPROP	23 U UG/KG	23 U UG/KG	22 U UG/KG	23 U UG/KG	24 U UG/KG	22 U UG/KG	25 U UG/KG	22 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG
DINOSEB	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	4.4 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
MCPA	2300 U UG/KG	2300 U UG/KG	2200 UR UG/KG	2300 UR UG/KG	2400 UR UG/KG	2200 UR UG/KG	2500 UR UG/KG	2200 U UG/KG	2200 U UG/KG	2300 U UG/KG	2300 UR UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 UR UG/KG	1200 UR UG/KG	1200 UR UG/KG	1100 UR UG/KG	1200 UR UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1200 UR UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.4 U UG/KG	2.2 U UG/KG	2.5 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG

PARAMETER	SS114	SS115	SS116	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
HERBICIDES											
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.7 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.7 U UG/KG	7.9 U UG/KG	8.2 U UG/KG	7.8 U UG/KG	8 U UG/KG	7.7 U UG/KG
2,4-DB	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG
DALAPON	8.8 UR UG/KG	8.8 UR UG/KG	8.8 UR UG/KG	8.8 UR UG/KG	8.4 UR UG/KG	8.8 UR UG/KG	9 U UG/KG	9.4 U UG/KG	8.9 U UG/KG	9.2 UR UG/KG	8.8 UR UG/KG
DICAMBA	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG	22 U UG/KG	23 U UG/KG	22 U UG/KG
DINOSEB	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG
MCPA	2200 UR UG/KG	2200 UR UG/KG	2200 UR UG/KG	2200 UR UG/KG	2100 UR UG/KG	2200 UR UG/KG	2300 U UG/KG	2300 U UG/KG	2200 U UG/KG	2300 UR UG/KG	2200 UR UG/KG
MCPP	1100 UR UG/KG	1100 UR UG/KG	1100 UR UG/KG	1100 UR UG/KG	1000 UR UG/KG	1100 UR UG/KG	1100 U UG/KG	1200 U UG/KG	1100 U UG/KG	1200 UR UG/KG	1100 UR UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.2 U UG/KG

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131	SS132	SS133	SS134
HERBICIDES											
2,4,5-T	1.4 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.8 U UG/KG	8 U UG/KG	8.4 U UG/KG	8.8 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	8.4 U UG/KG	7.9 U UG/KG	8 U UG/KG	8 U UG/KG	7.8 U UG/KG
2,4-DB	4.5 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG
DALAPON	8.9 UR UG/KG	9.2 UR UG/KG	9.6 UR UG/KG	10 UR UG/KG	8.8 UR UG/KG	8.8 UR UG/KG	9.6 U UG/KG	9 U UG/KG	9.2 U UG/KG	9.2 UR UG/KG	8.9 U UG/KG
DICAMBA	4.5 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG
DICHLOROPROP	22 U UG/KG	23 U UG/KG	24 U UG/KG	25 U UG/KG	22 U UG/KG	22 U UG/KG	24 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG	22 U UG/KG
DINOSEB	4.5 U UG/KG	4.6 U UG/KG	4.8 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG
MCPA	2200 UR UG/KG	2300 UR UG/KG	2400 UR UG/KG	2500 UR UG/KG	2200 UR UG/KG	2200 UR UG/KG	2400 U UG/KG	2200 U UG/KG	2300 U UG/KG	2300 UR UG/KG	2200 U UG/KG
MCPP	1100 UR UG/KG	1200 UR UG/KG	1200 UR UG/KG	1200 UR UG/KG	1100 UR UG/KG	1100 UR UG/KG	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG	1200 UR UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.3 U UG/KG	2.4 U UG/KG	2.5 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.4 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG

PARAMETER	SS135	SS137	SS137-D	SS138	SS139	SS140	SS151	SS151-D	SS152	SS153	SS154
HERBICIDES											
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.8 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.6 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	8.4 U UG/KG	8 U UG/KG	7.7 U UG/KG	8 U UG/KG
2,4-DB	4.5 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG
DALAPON	9 U UG/KG	8.7 U UG/KG	8.8 U UG/KG	8.8 U UG/KG	8.7 U UG/KG	8.7 U UG/KG	8.8 UR UG/KG	9.6 UR UG/KG	9.2 UR UG/KG	8.8 UR UG/KG	9.2 UR UG/KG
DICAMBA	4.5 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	24 U UG/KG	23 U UG/KG	22 U UG/KG	23 U UG/KG
DINOSEB	4.5 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 UR UG/KG	2400 UR UG/KG	2300 UR UG/KG	2200 UR UG/KG	2300 UR UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 UR UG/KG	1200 UR UG/KG	1200 UR UG/KG	1100 UR UG/KG	1200 UR UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.4 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.3 U UG/KG

PARAMETER	SS155	SS156	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03	SSH04
HERBICIDES										
2,4,5-T	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.8 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	2.1 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	2 U UG/KG
2,4-D	8 U UG/KG	7.8 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.7 U UG/KG	9.6 U UG/KG	7.9 U UG/KG	8.6 U UG/KG	9 U UG/KG
2,4-DB	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	5.5 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	5.1 U UG/KG
DALAPON	9.2 U UG/KG	8.9 U UG/KG	8.8 UR UG/KG	8.8 UR UG/KG	8.4 UR UG/KG	8.8 UR UG/KG	11 U UG/KG	9 U UG/KG	9.8 U UG/KG	10 U UG/KG
DICAMBA	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	5.5 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	5.1 U UG/KG
DICHLOROPROP	23 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG	27 U UG/KG	22 U UG/KG	24 U UG/KG	26 U UG/KG
DINOSEB	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	5.5 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	5.1 U UG/KG
MCPA	2300 U UG/KG	2200 U UG/KG	2200 UR UG/KG	2200 UR UG/KG	2100 UR UG/KG	2200 UR UG/KG	2700 U UG/KG	2200 U UG/KG	2400 U UG/KG	2600 UJ UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 UR UG/KG	1100 UR UG/KG	1000 UR UG/KG	1100 UR UG/KG	1400 U UG/KG	1100 U UG/KG	1200 U UG/KG	1300 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.7 U UG/KG	2.2 U UG/KG	2.4 U UG/KG	2.6 U UG/KG

PARAMETER	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10	SSH11	SSH12	SSH13	SSH14
HERBICIDES											
2,4,5-T	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.7 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	2 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	8.1 U UG/KG	8.1 U UG/KG	7.7 U UG/KG	9.1 U UG/KG	7.6 U UG/KG	7.8 U UG/KG	7.8 U UG/KG	7.4 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	7.8 U UG/KG
2,4-DB	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	5.2 U UG/KG	4.3 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
DALAPON	9.2 U UG/KG	9.3 U UG/KG	8.8 U UG/KG	10 U UG/KG	8.7 U UG/KG	8.9 U UG/KG	8.9 U UG/KG	8.4 U UG/KG	8.6 U UG/KG	8.8 U UG/KG	8.9 U UG/KG
DICAMBA	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	5.2 U UG/KG	4.3 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
DICHLOROPROP	23 U UG/KG	23 U UG/KG	22 U UG/KG	26 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	5.2 U UG/KG	4.3 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
MCPA	2300 UJ UG/KG	2300 U UG/KG	2200 U UG/KG	2600 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2100 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG
MCPP	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1300 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.6 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	13.5 UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

PARAMETER	SSH15	SSH15-D	SSH16	SSH17	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
HERBICIDES											
2,4,5-T	1 4 U UG/KG	1 4 U UG/KG	2 1 U UG/KG	1 4 U UG/KG	1 5 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 4 U UG/KG	1 6 U UG/KG	1 4 U UG/KG	1 4 U UG/KG
2,4,5-TP (SILVEX)	1 6 U UG/KG	1 6 U UG/KG	2 5 U UG/KG	1 6 U UG/KG	1 7 U UG/KG	1 6 U UG/KG	1 6 U UG/KG	1 7 U UG/KG	1 8 U UG/KG	1 7 U UG/KG	1 7 U UG/KG
2,4-D	7 6 U UG/KG	7 6 U UG/KG	12 U UG/KG	7 6 U UG/KG	8 U UG/KG	7 6 U UG/KG	7 6 U UG/KG	7 7 U UG/KG	8 4 U UG/KG	7 7 U UG/KG	7 7 U UG/KG
2,4-DB	4 4 U UG/KG	4 4 U UG/KG	6 6 U UG/KG	4 4 U UG/KG	4 6 U UG/KG	4 3 U UG/KG	4 3 U UG/KG	4 4 U UG/KG	4 8 U UG/KG	4 4 U UG/KG	4 4 U UG/KG
DALAPON	8 7 U UG/KG	8 7 U UG/KG	13 U UG/KG	8 7 U UG/KG	9 2 U UG/KG	8 7 U UG/KG	8 6 U UG/KG	8 8 U UG/KG	9 6 U UG/KG	8 8 U UG/KG	8 8 U UG/KG
DICAMBA	4 4 U UG/KG	4 4 U UG/KG	6 6 U UG/KG	4 4 U UG/KG	4 6 U UG/KG	4 3 U UG/KG	4 3 U UG/KG	4 4 U UG/KG	4 8 U UG/KG	4 4 U UG/KG	4 4 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	33 U UG/KG	22 U UG/KG	23 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	24 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4 4 U UG/KG	4 4 U UG/KG	6 6 U UG/KG	4 4 U UG/KG	4 6 U UG/KG	4 3 U UG/KG	4 3 U UG/KG	4 4 U UG/KG	4 8 U UG/KG	4 4 U UG/KG	4 4 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	3300 U UG/KG	2200 U UG/KG	2300 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2400 U UG/KG	2200 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1600 U UG/KG	1100 U UG/KG	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2 5 UG/KG	2 2 U UG/KG	3 3 U UG/KG	2 2 U UG/KG	2 3 U UG/KG	2 2 U UG/KG	2 2 U UG/KG	2 2 U UG/KG	2 4 U UG/KG	2 2 U UG/KG	2 2 U UG/KG

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30	SSH31	SSH32	SSH33	SSH34
HERBICIDES											
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
2,4-D	7.7 U UG/KG	7.5 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	7.5 U UG/KG	7.5 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	7.6 U UG/KG	7.6 U UG/KG	7.5 U UG/KG
2,4-DB	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG
DALAPON	8.8 U UG/KG	8.6 U UG/KG	8.7 U UG/KG	8.8 U UG/KG	8.6 U UG/KG	8.6 U UG/KG	8.6 U UG/KG	8.8 U UG/KG	8.6 U UG/KG	8.6 U UG/KG	8.6 U UG/KG
DICAMBA	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG
DINOSEB	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2100 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG

PARAMETER	SSH35	SSH35-D	SSH36	SSH37	SSH38	SSH39	SSH40
HERBICIDES							
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.8 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	2.2 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
2,4-D	7.7 U UG/KG	7.7 U UG/KG	10 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.5 U UG/KG	7.4 U UG/KG
2,4-DB	4.4 U UG/KG	4.4 U UG/KG	5.7 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.2 U UG/KG
DALAPON	8.8 U UG/KG	8.8 U UG/KG	11 U UG/KG	8.8 U UG/KG	8.8 U UG/KG	8.6 U UG/KG	8.5 U UG/KG
DICAMBA	4.4 U UG/KG	4.4 U UG/KG	5.7 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.2 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	29 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG	21 U UG/KG
DINOSEB	4.4 U UG/KG	4.4 U UG/KG	5.7 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.2 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2900 U UG/KG	2200 U UG/KG	2200 U UG/KG	2100 U UG/KG	2100 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1400 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.2 U UG/KG	2.9 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.1 U UG/KG

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030	SS031	SS032	SS040
TOTAL PETROLEUM HYDROCARBONS											
DIESEL RANGE ORGANICS	8.34 MG/KG	9.5 U MG/KG	9.97 J MG/KG	12.7 MG/KG	8.16 J MG/KG	9.6 U MG/KG	9.5 U MG/KG	11.5 MG/KG	9.6 MG/KG	9.3 U MG/KG	9.5 U MG/KG
GASOLINE RANGE ORGANICS	0.12 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.12 U MG/KG	0.12 U MG/KG	0.12 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG

PARAMETER	SS041	SS050	SS051	SS052	SS060	SS061	SS062	SS070	SS071	SS072	SS080
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	9.76 MG/KG	9.8 U MG/KG	31.6 MG/KG	9.28 J MG/KG	9.4 U MG/KG	9.7 U MG/KG	43.6 MG/KG	10.5 MG/KG	17.7 MG/KG	22 MG/KG	9.3 U MG/KG
GASOLINE RANGE ORGANICS	0.12 U MG/KG	0.12 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG

PARAMETER	SS080-D	SS081	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100	SS101
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	9.4 U MG/KG	8.74 J MG/KG	12.9 MG/KG	25.9 MG/KG	8.5 J MG/KG	8.87 J MG/KG	11.7 MG/KG	9.4 U MG/KG	9.5 U MG/KG	7.45 J MG/KG	9.1 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.11 UJ MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG	0.11 U MG/KG	0.11 U MG/KG

PARAMETER	SS102	SS102-D	SS103	SS104	SS105	SS108	SS109	SS110	SS111	SS112	SS113
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	24 3 MG/KG	52 5 MG/KG	66 8 MG/KG	38 1 MG/KG	9 3 U MG/KG	9 6 U MG/KG	9 6 U MG/KG	9 6 U MG/KG	10 1 MG/KG	9 4 U MG/KG	9 3 U MG/KG
GASOLINE RANGE ORGANICS	0 12 U MG/KG	0 11 UJ MG/KG	0 11 U MG/KG	0.11 U MG/KG	0 11 U MG/KG	0 12 U MG/KG	0 12 U MG/KG	0 12 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG	0 11 U MG/KG

PARAMETER	SS114	SS115	SS116	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	9.2 U MG/KG	9.4 U MG/KG	9.2 U MG/KG	9.0 U MG/KG	9.0 U MG/KG	9.1 U MG/KG	23.0 MG/KG	9.6 U MG/KG	9.3 U MG/KG	9.0 U MG/KG	9.2 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131	SS132	SS133	SS134
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	11 U MG/KG	10.5 MG/KG	10.4 MG/KG	9.5 U MG/KG	9.2 U MG/KG	9.3 U MG/KG	8.09 J MG/KG	9.48 J MG/KG	9.7 U MG/KG	9.2 U MG/KG	9.4 U MG/KG
GASOLINE RANGE ORGANICS	0.14 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG	0.11 UJ MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.12 UJ MG/KG	0.11 UJ MG/KG	0.11 UJ MG/KG

PARAMETER	SS135	SS137	SS137-D	SS138	SS139	SS140	SS151	SS151-D	SS152	SS153	SS154
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	47.8 MG/KG	9.1 U MG/KG	9.1 U MG/KG	9.2 U MG/KG	9.2 U MG/KG	9.0 U MG/KG	9.3 U MG/KG	9.2 U MG/KG	9.92 MG/KG	9.0 U MG/KG	9.5 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG	0.13 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG

PARAMETER	SS155	SS156	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03	SSH04
TOTAL PETROLEUM HYDROCARBON										
DIESEL RANGE ORGANICS	12 U MG/KG	9 4 U MG/KG	9 66 MG/KG	9 2 U MG/KG	30 7 MG/KG	9 5 U MG/KG	11 1 MG/KG	9 2 U MG/KG	9 5 U MG/KG	0 22 U MG/KG
GASOLINE RANGE ORGANICS	0 14 U MG/KG	0 11 U MG/KG	0 11 UJ MG/KG	0 11 U MG/KG	0 11 U MG/KG	0 11 U MG/KG	0 11 U MG/KG	0 11 U MG/KG	0 11 U MG/KG	0 12 U MG/KG

PARAMETER	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10	SSH11	SSH12	SSH13	SSH14
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	11 1 MG/KG	9 5 U MG/KG	9.0 U MG/KG	11 MG/KG	10 U MG/KG	9 6 U MG/KG	11 5 MG/KG	24 3 MG/KG	9.0 U MG/KG	13 4 MG/KG	9 3 U MG/KG
GASOLINE RANGE ORGANICS	0 11 U MG/KG	0 11 U MG/KG	0.11 U MG/KG	0 11 U MG/KG	0.12 U MG/KG	0 12 U MG/KG	0 11 U MG/KG	0 11 U MG/KG	0.11 U MG/KG	0 11 U MG/KG	0.11 U MG/KG

PARAMETER	SSH15	SSH15-D	SSH16	SSH17	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	32.1 MG/KG	52.9 MG/KG	9.0 U MG/KG	9.2 U MG/KG	9.59 MG/KG	9.1 U MG/KG	9.2 U MG/KG	9.0 U MG/KG	9.0 U MG/KG	13.0 MG/KG	12.2 MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30	SSH31	SSH32	SSH33	SSH34
TOTAL PETROLEUM HYDROCARBON											
DIESEL RANGE ORGANICS	8.2 U MG/KG	7.26 J MG/KG	9.0 U MG/KG	9.0 U MG/KG	35.7 MG/KG	19.0 MG/KG	9.0 U MG/KG	14.2 MG/KG	27.7 MG/KG	10.1 MG/KG	11.1 MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG

PARAMETER	SSH35	SSH35-D	SSH36	SSH37	SSH38	SSH39	SSH40
TOTAL PETROLEUM HYDROCARBON							
DIESEL RANGE ORGANICS	43 1 MG/KG	11 5 MG/KG	36 2 MG/KG	9 1 U MG/KG	11 9 MG/KG	12 9 MG/KG	8 9 U MG/KG
GASOLINE RANGE ORGANICS	0 128 MG/KG	0 11 U MG/KG	0 12 U MG/KG	0 11 U MG/KG	0 11 U MG/KG	0 11 U MG/KG	0 11 U MG/KG

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030	SS031	SS032	SS040
METALS											
ALUMINUM	2980 MG/KG	2080 MG/KG	3430 MG/KG	1210 MG/KG	3510 MG/KG	2030 MG/KG	2800 MG/KG	4340 MG/KG	2760 MG/KG	1560 MG/KG	3590 MG/KG
ANTIMONY	0 32 U MG/KG	0 31 U MG/KG	0 31 U MG/KG	0 33 U MG/KG	0 31 U MG/KG	0 31 U MG/KG	0 31 U MG/KG	0 33 U MG/KG	0 30 U MG/KG	0 30 U MG/KG	0 31 U MG/KG
ARSENIC	0 98 MG/KG	0 65 MG/KG	0 52 U MG/KG	1 3 MG/KG	2 5 MG/KG	3 8 MG/KG	2 1 MG/KG	2 5 MG/KG	2 4 MG/KG	0 61 MG/KG	2 3 MG/KG
BARIUM	8 0 U MG/KG	5 8 U MG/KG	10 0 MG/KG	3 8 MG/KG	7 4 U MG/KG	5 7 U MG/KG	7 3 MG/KG	13 3 MG/KG	13 7 MG/KG	5 0 MG/KG	15 9 MG/KG
BERYLLIUM	0 13 U MG/KG	0 09 U MG/KG	0 11 U MG/KG	0 04 U MG/KG	0 09 U MG/KG	0.05 U MG/KG	0 07 U MG/KG	0 10 U MG/KG	0 07 U MG/KG	0 04 U MG/KG	0 06 U MG/KG
CADMIUM	0 06 U MG/KG	0 06 U MG/KG	0 07 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 23 MG/KG	0 13 MG/KG	0 41 U MG/KG	0 16 MG/KG	0 06 U MG/KG
CALCIUM	668 MG/KG	670 MG/KG	773 MG/KG	431 MG/KG	553 MG/KG	472 MG/KG	634 MG/KG	1460 MG/KG	480 MG/KG	536 MG/KG	825 MG/KG
CHROMIUM	3 9 MG/KG	2 6 MG/KG	3 9 MG/KG	2 4 MG/KG	3 5 MG/KG	2 5 MG/KG	4 8 MG/KG	4 7 MG/KG	3 3 MG/KG	2 5 MG/KG	4 3 MG/KG
COBALT	0 20 U MG/KG	0 20 U MG/KG	0 24 MG/KG	0 21 U MG/KG	0 20 U MG/KG	0 19 U MG/KG	0 27 MG/KG	0 26 MG/KG	0 23 MG/KG	0 19 U MG/KG	0 19 U MG/KG
COPPER	0 78 MG/KG	0 77 MG/KG	1 2 MG/KG	1 4 U MG/KG	0 82 MG/KG	1 2 MG/KG	4 5 MG/KG	4 6 MG/KG	1 7 MG/KG	2 1 U MG/KG	1 0 MG/KG
CYANIDE	1 1 UR MG/KG	1 1 UR MG/KG	1 2 UR MG/KG	1 2 U MG/KG	1 0 UR MG/KG	1 2 UR MG/KG	1 13 U MG/KG	1 2 UR MG/KG	1 1 UR MG/KG	1 11 U MG/KG	1 1 UR MG/KG
IRON	538 MG/KG	467 MG/KG	837 MG/KG	694 J MG/KG	589 MG/KG	878 MG/KG	955 J MG/KG	1130 MG/KG	1220 MG/KG	1240 J MG/KG	374 MG/KG
LEAD	4 3 MG/KG	3 3 MG/KG	5 6 MG/KG	2 4 MG/KG	3 7 MG/KG	3 9 MG/KG	13 5 MG/KG	6 5 MG/KG	4 7 MG/KG	9 2 MG/KG	4 1 MG/KG
MAGNESIUM	83 1 MG/KG	75 4 MG/KG	84 5 MG/KG	37 1 MG/KG	67 0 MG/KG	52 4 MG/KG	54 9 MG/KG	127 MG/KG	63 7 MG/KG	39 9 MG/KG	116 MG/KG
MANGANESE	2 3 MG/KG	2 1 MG/KG	4 1 MG/KG	2 2 MG/KG	4 4 MG/KG	3 5 MG/KG	6 9 MG/KG	7 6 MG/KG	2 5 MG/KG	4 2 MG/KG	2 7 MG/KG
MERCURY	0 10 MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 10 U MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 10 U MG/KG	0 10 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG
NICKEL	0 96 MG/KG	0 68 MG/KG	1 7 MG/KG	0 57 MG/KG	1 4 MG/KG	1 2 MG/KG	1 4 MG/KG	1 9 MG/KG	2 3 MG/KG	0 88 MG/KG	0 77 MG/KG
POTASSIUM	40 4 MG/KG	33 5 MG/KG	47 2 MG/KG	28 7 MG/KG	30 4 MG/KG	37 2 MG/KG	54 8 MG/KG	44 4 MG/KG	53 9 MG/KG	26 1 MG/KG	63 0 MG/KG
SELENIUM	0 43 U MG/KG	0 43 U MG/KG	0 43 U MG/KG	0 45 U MG/KG	0 43 U MG/KG	0 42 U MG/KG	0 42 U MG/KG	0 46 U MG/KG	0 42 U MG/KG	0 42 U MG/KG	0 42 U MG/KG
SILVER	0 23 U MG/KG	0 23 U MG/KG	0 23 U MG/KG	0 24 U MG/KG	0 23 U MG/KG	0 23 U MG/KG	0 23 U MG/KG	0 25 U MG/KG	0 23 U MG/KG	0 23 U MG/KG	0 23 U MG/KG
SODIUM	96 7 U MG/KG	95 2 U MG/KG	95 9 U MG/KG	99 5 U MG/KG	95 0 U MG/KG	94 3 U MG/KG	93.5 U MG/KG	102 U MG/KG	93 0 U MG/KG	92 8 U MG/KG	94 1 U MG/KG
THALLIUM	0 47 U MG/KG	0 46 U MG/KG	0 46 U MG/KG	0 48 U MG/KG	0 46 U MG/KG	0 46 U MG/KG	0 45 U MG/KG	0 50 U MG/KG	0 45 U MG/KG	0 45 U MG/KG	0 46 U MG/KG
VANADIUM	2 2 MG/KG	1 7 U MG/KG	4 8 MG/KG	1 9 MG/KG	3 5 MG/KG	2 8 MG/KG	3 0 MG/KG	4 7 MG/KG	4 2 MG/KG	2 2 MG/KG	3 1 MG/KG
ZINC	3 8 U MG/KG	3 1 U MG/KG	6 1 MG/KG	3 3 U MG/KG	4 2 U MG/KG	5 7 MG/KG	16 5 MG/KG	8 9 MG/KG	5 8 MG/KG	12 8 MG/KG	1 8 U MG/KG

PARAMETER	SS041	SS050	SS051	SS052	SS060	SS061	SS062	SS070	SS071	SS072	SS080
METALS											
ALUMINUM	1970 MG/KG	3380 MG/KG	2720 MG/KG	2730 MG/KG	3880 MG/KG	2130 MG/KG	2650 MG/KG	4260 MG/KG	1670 MG/KG	2200 MG/KG	963 MG/KG
ANTIMONY	0 31 U MG/KG	0 32 U MG/KG	0 31 U MG/KG	0 31 U MG/KG	0 31 U MG/KG	0 35 U MG/KG	0 30 U MG/KG	0 30 U MG/KG	0.30 U MG/KG	0 30 U MG/KG	0 28 U MG/KG
ARSENIC	3 8 MG/KG	3 2 MG/KG	3 2 MG/KG	4 8 MG/KG	2 1 MG/KG	0 93 MG/KG	3 9 MG/KG	1 3 MG/KG	1 2 MG/KG	1 7 MG/KG	3 3 MG/KG
BARIUM	6 6 U MG/KG	16 7 MG/KG	9 6 MG/KG	13 7 MG/KG	13 7 MG/KG	5 4 U MG/KG	10 3 MG/KG	8 6 U MG/KG	4 0 U MG/KG	5 6 MG/KG	3 1 U MG/KG
BERYLLIUM	0 05 U MG/KG	0 08 U MG/KG	0 05 U MG/KG	0 05 U MG/KG	0 10 U MG/KG	0 05 U MG/KG	0 07 U MG/KG	0 09 U MG/KG	0 03 U MG/KG	0 04 U MG/KG	0 02 U MG/KG
CADMIUM	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 07 MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 MG/KG
CALCIUM	620 MG/KG	942 MG/KG	2980 MG/KG	564 MG/KG	868 MG/KG	2450 MG/KG	1370 MG/KG	656 MG/KG	666 MG/KG	3650 MG/KG	796 MG/KG
CHROMIUM	2 9 MG/KG	4 0 MG/KG	3 2 MG/KG	3 1 MG/KG	3 9 MG/KG	2 8 MG/KG	4 0 MG/KG	4 4 MG/KG	2 1 MG/KG	3 0 MG/KG	3 5 MG/KG
COBALT	0 25 MG/KG	0 21 MG/KG	0 19 U MG/KG	0 20 U MG/KG	0 19 U MG/KG	0 22 U MG/KG	0 19 U MG/KG	0 25 MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 18 U MG/KG
COPPER	1 8 MG/KG	1 4 MG/KG	2 5 MG/KG	1 9 U MG/KG	1 6 MG/KG	2 0 MG/KG	1 8 U MG/KG	1 5 MG/KG	1 6 MG/KG	2 4 MG/KG	2 3 MG/KG
CYANIDE	1 2 UR MG/KG	1 2 UR MG/KG	1 1 UR MG/KG	1 15 U MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 U MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 13 U MG/KG	1 1 UR MG/KG
IRON	1020 MG/KG	836 MG/KG	869 MG/KG	491 J MG/KG	770 MG/KG	462 MG/KG	831 J MG/KG	884 MG/KG	293 MG/KG	396 J MG/KG	266 MG/KG
LEAD	4 6 MG/KG	5 0 MG/KG	5 3 MG/KG	3 4 MG/KG	4 9 MG/KG	4 9 MG/KG	7 1 MG/KG	5 1 MG/KG	4 4 MG/KG	6 4 MG/KG	3 1 MG/KG
MAGNESIUM	59 4 MG/KG	113 MG/KG	99 9 MG/KG	74 4 MG/KG	144 MG/KG	76 6 MG/KG	55 2 MG/KG	95 7 MG/KG	73 7 MG/KG	72 3 MG/KG	51 3 MG/KG
MANGANESE	4 3 MG/KG	4 7 MG/KG	6 4 MG/KG	4 5 MG/KG	3 9 MG/KG	5 3 MG/KG	8 0 MG/KG	3 5 MG/KG	2 3 MG/KG	3 7 MG/KG	17 1 MG/KG
MERCURY	0 10 U MG/KG	0 10 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 13 MG/KG
NICKEL	0 96 MG/KG	1 1 MG/KG	1 2 MG/KG	0 94 MG/KG	1 3 MG/KG	0 73 MG/KG	0 80 MG/KG	1 7 MG/KG	0 51 MG/KG	0 73 MG/KG	0 35 MG/KG
POTASSIUM	51 9 MG/KG	52 4 MG/KG	47 8 MG/KG	43 9 MG/KG	61 8 MG/KG	40 0 MG/KG	41 4 MG/KG	35 0 MG/KG	43 9 MG/KG	30 3 MG/KG	15 3 MG/KG
SELENIUM	0 43 U MG/KG	0 43 U MG/KG	0 42 U MG/KG	0 43 U MG/KG	0 42 U MG/KG	0 48 U MG/KG	0 41 U MG/KG	0 41 U MG/KG	0 41 U MG/KG	0 41 U MG/KG	0 39 U MG/KG
SILVER	0 23 U MG/KG	0 23 U MG/KG	0 23 U MG/KG	0 23 U MG/KG	0 23 U MG/KG	0 26 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 47 MG/KG
SODIUM	95 0 U MG/KG	96 5 U MG/KG	93 4 U MG/KG	95 2 U MG/KG	93 5 U MG/KG	107 U MG/KG	92 5 U MG/KG	91 0 U MG/KG	90 5 U MG/KG	92 3 U MG/KG	86 8 U MG/KG
THALLIUM	0 46 U MG/KG	0 47 U MG/KG	0 45 U MG/KG	0 46 U MG/KG	0 45 U MG/KG	0 52 U MG/KG	0 45 U MG/KG	0 44 U MG/KG	0 44 U MG/KG	0 45 U MG/KG	0 42 U MG/KG
VANADIUM	2 6 MG/KG	4 3 MG/KG	3 0 MG/KG	2 3 MG/KG	4 3 MG/KG	1 9 MG/KG	2 8 MG/KG	5 8 MG/KG	1 1 MG/KG	1 7 MG/KG	1 1 U MG/KG
ZINC	5 3 MG/KG	9 6 MG/KG	5 6 MG/KG	3 2 U MG/KG	3 7 U MG/KG	6 2 MG/KG	4 5 MG/KG	8 3 MG/KG	4 0 U MG/KG	6 5 MG/KG	6 7 MG/KG

PARAMETER	SS080-D	SS081	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100	SS101
METALS											
ALUMINUM	1090 MG/KG	2220 MG/KG	2060 MG/KG	2570 MG/KG	3350 MG/KG	893 MG/KG	1030 MG/KG	938 MG/KG	2530 MG/KG	3680 MG/KG	2040 MG/KG
ANTIMONY	0 32 U MG/KG	0 30 U MG/KG	0 32 U MG/KG	0.31 U MG/KG	0 30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0 29 U MG/KG	0.29 U MG/KG	0.30 U MG/KG
ARSENIC	3.4 MG/KG	0 50 U MG/KG	1 9 MG/KG	1 8 MG/KG	2 2 MG/KG	0.93 MG/KG	0 89 MG/KG	0.50 U MG/KG	2 6 MG/KG	0.51 MG/KG	1 3 MG/KG
BARIUM	3 4 U MG/KG	12 2 MG/KG	10 6 MG/KG	6 9 MG/KG	12 9 MG/KG	3 0 U MG/KG	3 3 U MG/KG	5 7 MG/KG	3 0 MG/KG	14 0 MG/KG	9 6 MG/KG
BERYLLIUM	0 03 U MG/KG	0 06 U MG/KG	0 04 U MG/KG	0 05 U MG/KG	0 06 U MG/KG	0 02 U MG/KG	0 02 U MG/KG	0 02 U MG/KG	0 08 U MG/KG	0 06 U MG/KG	0 05 U MG/KG
CADMIUM	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 05 U MG/KG	0 06 U MG/KG
CALCIUM	1160 MG/KG	12700 MG/KG	1680 MG/KG	946 J MG/KG	1340 MG/KG	529 MG/KG	601 MG/KG	593 MG/KG	682 J MG/KG	1020 MG/KG	1110 MG/KG
CHROMIUM	6 5 MG/KG	3 3 MG/KG	2 9 MG/KG	3 4 MG/KG	4 0 MG/KG	2 9 MG/KG	3 8 MG/KG	2 2 MG/KG	3 3 MG/KG	4 3 MG/KG	3 8 MG/KG
COBALT	0 20 U MG/KG	0 19 U MG/KG	0 20 U MG/KG	0 20 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 18 U MG/KG	0 19 U MG/KG
COPPER	3 0 MG/KG	2 7 MG/KG	3 0 MG/KG	2 3 U MG/KG	2 4 MG/KG	2 8 MG/KG	3 7 MG/KG	2 2 U MG/KG	1 0 U MG/KG	1 6 MG/KG	2 3 MG/KG
CYANIDE	1 1 UR MG/KG	1 1 UR MG/KG	1 16 U MG/KG	1 1 UJ MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 13 U MG/KG	1 1 UJ MG/KG	1 1 UR MG/KG	1 1 UR MG/KG
IRON	342 MG/KG	294 MG/KG	246 J MG/KG	254 J MG/KG	291 MG/KG	117 MG/KG	140 MG/KG	252 J MG/KG	486 J MG/KG	335 MG/KG	294 MG/KG
LEAD	3 5 MG/KG	7 8 MG/KG	5 7 MG/KG	3 5 J MG/KG	9 5 MG/KG	11 2 MG/KG	13 1 MG/KG	6 5 MG/KG	1 7 J MG/KG	6 5 MG/KG	9 4 MG/KG
MAGNESIUM	66 3 MG/KG	49 1 MG/KG	113 MG/KG	75 1 MG/KG	165 MG/KG	41 1 MG/KG	45 5 MG/KG	43 6 MG/KG	59 8 MG/KG	112 MG/KG	84 1 MG/KG
MANGANESE	21 2 MG/KG	3 2 MG/KG	4 8 MG/KG	3 0 MG/KG	7 3 MG/KG	1 0 MG/KG	1 3 MG/KG	3 0 MG/KG	2 4 MG/KG	2 9 MG/KG	3 9 MG/KG
MERCURY	0 10 U MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 10 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 MG/KG
NICKEL	0 64 MG/KG	0 56 MG/KG	0 62 MG/KG	0 49 MG/KG	0 71 MG/KG	0 30 MG/KG	0 31 MG/KG	0 38 MG/KG	0 63 MG/KG	0 91 MG/KG	0 95 MG/KG
POTASSIUM	18 1 MG/KG	28 2 MG/KG	43 8 MG/KG	49 8 MG/KG	46 7 MG/KG	20 4 MG/KG	24 5 MG/KG	17 7 MG/KG	42 5 MG/KG	39 6 MG/KG	35 4 MG/KG
SELENIUM	0 44 U MG/KG	0 41 U MG/KG	0 44 U MG/KG	0 50 MG/KG	0 43 MG/KG	0 41 MG/KG	0 41 U MG/KG	0 41 U MG/KG	0 40 U MG/KG	0 39 U MG/KG	0 41 U MG/KG
SILVER	0 41 MG/KG	0 55 MG/KG	0 34 MG/KG	0 23 U MG/KG	0 23 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 21 U MG/KG	0 26 MG/KG
SODIUM	97 1 U MG/KG	128 MG/KG	99 2 U MG/KG	95 8 U MG/KG	93 1 U MG/KG	91 0 U MG/KG	91 4 U MG/KG	91 8 U MG/KG	90 0 U MG/KG	87 9 U MG/KG	91 5 U MG/KG
THALLIUM	0 47 U MG/KG	0 44 U MG/KG	0 48 U MG/KG	0 46 U MG/KG	0 45 U MG/KG	0 44 U MG/KG	0 44 U MG/KG	0 44 U MG/KG	0 44 U MG/KG	0 43 U MG/KG	0 44 U MG/KG
VANADIUM	1 4 U MG/KG	1 5 MG/KG	1 6 MG/KG	1 7 MG/KG	2 1 MG/KG	0 72 MG/KG	0 97 MG/KG	0 62 MG/KG	3 1 MG/KG	2 3 MG/KG	1 3 MG/KG
ZINC	6 5 MG/KG	8 7 MG/KG	5 1 MG/KG	3 2 U MG/KG	9 7 MG/KG	5 9 MG/KG	6 9 MG/KG	6 9 MG/KG	1 4 U MG/KG	5 8 MG/KG	9 0 MG/KG

PARAMETER	SS102	SS102-D	SS103	SS104	SS105	SS108	SS109	SS110	SS111	SS112	SS113
METALS											
ALUMINUM	2070 MG/KG	1360 MG/KG	1410 MG/KG	2890 MG/KG	2680 MG/KG	2410 MG/KG	980 MG/KG	4980 MG/KG	3050 MG/KG	1630 MG/KG	1780 MG/KG
ANTIMONY	0 31 U MG/KG	0 31 U MG/KG	0.30 U MG/KG	0 31 U MG/KG	0 32 U MG/KG	0 29 U MG/KG	0 34 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.31 U MG/KG	0.30 U MG/KG
ARSENIC	1 2 MG/KG	0 86 MG/KG	0 87 MG/KG	0 52 U MG/KG	3 2 MG/KG	2 5 MG/KG	0 56 U MG/KG	3 2 MG/KG	1 5 MG/KG	2 8 MG/KG	0 51 U MG/KG
BARIUM	13 6 MG/KG	8 0 MG/KG	4 4 MG/KG	1 9 MG/KG	2 7 MG/KG	3 6 MG/KG	3 0 MG/KG	21 5 MG/KG	17 8 MG/KG	5 5 MG/KG	3 0 MG/KG
BERYLLIUM	0 06 U MG/KG	0.02 U MG/KG	0 05 U MG/KG	0 06 U MG/KG	0 07 U MG/KG	0.07 U MG/KG	0.04 U MG/KG	0.07 U MG/KG	0 09 U MG/KG	0.02 U MG/KG	0.04 U MG/KG
CADMIUM	0 10 U MG/KG	0.08 MG/KG	0.06 U MG/KG	0 06 U MG/KG	0.06 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG
CALCIUM	860 MG/KG	686 MG/KG	1050 J MG/KG	214 J MG/KG	822 J MG/KG	518 J MG/KG	718 J MG/KG	1850 MG/KG	760 MG/KG	858 MG/KG	372 J MG/KG
CHROMIUM	3 7 MG/KG	2 4 MG/KG	2 1 MG/KG	3 1 MG/KG	3 4 MG/KG	3 0 MG/KG	3 5 MG/KG	6 4 MG/KG	5 5 MG/KG	2 6 MG/KG	3 3 MG/KG
COBALT	0 20 U MG/KG	0 20 U MG/KG	0 19 U MG/KG	0 20 U MG/KG	0 20 U MG/KG	0 18 U MG/KG	0 21 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 19 U MG/KG
COPPER	6 8 MG/KG	5 0 MG/KG	2 5 MG/KG	1 1 U MG/KG	1 5 U MG/KG	1 1 U MG/KG	1 6 U MG/KG	1 9 MG/KG	3 5 MG/KG	2 7 MG/KG	1 1 U MG/KG
CYANIDE	1 17 U MG/KG	1 13 U MG/KG	1 1 UJ MG/KG	1 1 UJ MG/KG	1 1 UJ MG/KG	1 2 UJ MG/KG	1 2 UJ MG/KG	1 2 UR MG/KG	1 1 UR MG/KG	1 13 U MG/KG	1 1 UJ MG/KG
IRON	616 J MG/KG	321 J MG/KG	346 J MG/KG	330 J MG/KG	323 J MG/KG	282 J MG/KG	313 J MG/KG	398 MG/KG	492 MG/KG	132 J MG/KG	167 J MG/KG
LEAD	4 9 MG/KG	4 1 MG/KG	4 4 J MG/KG	2 6 J MG/KG	2 3 J MG/KG	1 7 J MG/KG	2 5 J MG/KG	5 2 MG/KG	7 0 MG/KG	6 6 MG/KG	2 8 J MG/KG
MAGNESIUM	107 MG/KG	65 9 MG/KG	63 3 MG/KG	27 6 MG/KG	62 1 MG/KG	47 2 MG/KG	59 8 MG/KG	188 MG/KG	81 0 MG/KG	63 9 MG/KG	25 8 U MG/KG
MANGANESE	3 5 MG/KG	2 4 MG/KG	4 0 MG/KG	1 1 MG/KG	4 6 MG/KG	2 2 MG/KG	3 5 MG/KG	7 1 MG/KG	3 3 MG/KG	4 0 MG/KG	0 60 MG/KG
MERCURY	0 10 MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG
NICKEL	1 0 MG/KG	0 60 MG/KG	0 49 MG/KG	0 81 MG/KG	0.70 MG/KG	0.72 MG/KG	0 25 U MG/KG	0 93 MG/KG	0.96 MG/KG	0 34 MG/KG	0 23 U MG/KG
POTASSIUM	46 3 MG/KG	30 7 MG/KG	18 1 MG/KG	12 8 MG/KG	27 7 MG/KG	43 3 MG/KG	25 3 MG/KG	66 9 MG/KG	41 3 MG/KG	43 0 MG/KG	11 1 U MG/KG
SELENIUM	0 42 U MG/KG	0 48 MG/KG	0 41 U MG/KG	0 43 U MG/KG	0 44 U MG/KG	0 40 U MG/KG	0 53 MG/KG	0 41 U MG/KG	0 41 U MG/KG	0 42 U MG/KG	0 42 U MG/KG
SILVER	0 79 MG/KG	0 83 MG/KG	0 22 U MG/KG	0 23 U MG/KG	0 24 U MG/KG	0 22 U MG/KG	0 25 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 37 MG/KG	0 23 U MG/KG
SODIUM	94 6 U MG/KG	94 9 U MG/KG	90 9 U MG/KG	95 2 U MG/KG	97 6 U MG/KG	89 2 U MG/KG	104 U MG/KG	91 7 U MG/KG	92 1 U MG/KG	94 2 U MG/KG	92 8 U MG/KG
THALLIUM	0 46 U MG/KG	0 46 U MG/KG	0 44 U MG/KG	0 46 U MG/KG	0 47 U MG/KG	0 43 U MG/KG	0 50 U MG/KG	0 44 U MG/KG	0 45 U MG/KG	0 46 U MG/KG	0 45 U MG/KG
VANADIUM	2 1 MG/KG	1 2 MG/KG	0 96 MG/KG	1 8 MG/KG	1 9 MG/KG	1 8 MG/KG	0 87 MG/KG	2 8 MG/KG	2 5 MG/KG	0 59 MG/KG	1 2 MG/KG
ZINC	6 4 MG/KG	6 6 MG/KG	4 4 MG/KG	0 98 U MG/KG	2 6 U MG/KG	1 3 U MG/KG	2 5 U MG/KG	4 2 U MG/KG	3 4 U MG/KG	3 3 U MG/KG	0 67 U MG/KG

PARAMETER	SS114	SS115	SS116	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
METALS											
ALUMINUM	2900 MG/KG	2410 MG/KG	1690 MG/KG	1120 MG/KG	1340 MG/KG	1540 MG/KG	3340 MG/KG	1360 MG/KG	928 MG/KG	1850 MG/KG	3400 MG/KG
ANTIMONY	0 29 U MG/KG	0 29 U MG/KG	0 30 U MG/KG	0 30 U MG/KG	0 29 U MG/KG	0 30 U MG/KG	0 31 U MG/KG	0 32 U MG/KG	0 30 U MG/KG	0 29 U MG/KG	0 30 U MG/KG
ARSENIC	1 2 MG/KG	3 8 MG/KG	1 6 MG/KG	0 49 U MG/KG	0 48 U MG/KG	0 86 MG/KG	1 1 MG/KG	2 1 MG/KG	2 5 MG/KG	1 6 MG/KG	2.4 MG/KG
BARIUM	6 2 MG/KG	7 5 MG/KG	3 8 MG/KG	2 7 MG/KG	3 3 MG/KG	3 2 MG/KG	4 0 U MG/KG	3 8 U MG/KG	2 4 MG/KG	6 4 MG/KG	6 2 MG/KG
BERYLLIUM	0 09 U MG/KG	0 07 U MG/KG	0 04 U MG/KG	0 06 U MG/KG	0 04 U MG/KG	0 05 U MG/KG	0 16 U MG/KG	0 02 U MG/KG	0 01 U MG/KG	0 04 U MG/KG	0 10 U MG/KG
CADMIUM	0 05 U MG/KG	0 05 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 05 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 09 MG/KG	0 05 U MG/KG	0 06 U MG/KG
CALCIUM	3140 J MG/KG	4440 J MG/KG	980 J MG/KG	3110 J MG/KG	2490 J MG/KG	852 J MG/KG	879 MG/KG	1470 MG/KG	841 MG/KG	792 J MG/KG	1430 J MG/KG
CHROMIUM	3 6 MG/KG	3 3 MG/KG	2 5 MG/KG	1 6 MG/KG	2 2 MG/KG	2 4 MG/KG	3 9 MG/KG	2 5 MG/KG	1 5 MG/KG	2 9 MG/KG	4 3 MG/KG
COBALT	0 18 U MG/KG	0 18 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 18 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 20 U MG/KG	0 19 U MG/KG	0 18 U MG/KG	0 19 U MG/KG
COPPER	1 9 U MG/KG	2 0 U MG/KG	1 2 U MG/KG	1 5 U MG/KG	1 3 U MG/KG	1 4 U MG/KG	1 3 MG/KG	2 0 MG/KG	3 0 MG/KG	2 0 U MG/KG	1 5 U MG/KG
CYANIDE	1 1 UJ MG/KG	1 1 UJ MG/KG	1 1 UJ MG/KG	1 1 UJ MG/KG	1 1 UJ MG/KG	1 1 UJ MG/KG	1 1 UR MG/KG	1 2 UR MG/KG	1 12 U MG/KG	1 1 UJ MG/KG	1 1 UJ MG/KG
IRON	361 J MG/KG	277 J MG/KG	164 J MG/KG	201 J MG/KG	265 J MG/KG	322 J MG/KG	1040 MG/KG	165 MG/KG	114 J MG/KG	187 J MG/KG	383 J MG/KG
LEAD	4 5 J MG/KG	6 5 J MG/KG	2 8 J MG/KG	4 6 J MG/KG	1 8 J MG/KG	1 8 J MG/KG	5 1 MG/KG	3 7 MG/KG	3 3 MG/KG	3 8 J MG/KG	5 4 J MG/KG
MAGNESIUM	87 7 MG/KG	87 6 MG/KG	42 3 MG/KG	46 8 MG/KG	60 7 MG/KG	69 7 MG/KG	89 0 MG/KG	116 MG/KG	48 0 MG/KG	72 6 MG/KG	71 5 MG/KG
MANGANESE	2 4 MG/KG	5 1 MG/KG	2 7 MG/KG	4 2 MG/KG	1 7 MG/KG	3 0 MG/KG	2 7 MG/KG	14 3 MG/KG	2 7 MG/KG	1 6 MG/KG	2 7 MG/KG
MERCURY	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG
NICKEL	0 63 MG/KG	0 61 MG/KG	0 47 MG/KG	0 34 MG/KG	0 41 MG/KG	0 44 MG/KG	0 93 MG/KG	0 36 MG/KG	0 22 U MG/KG	0 31 MG/KG	0 63 MG/KG
POTASSIUM	30 5 MG/KG	35 6 MG/KG	29 4 MG/KG	17 7 MG/KG	18 9 MG/KG	28 2 MG/KG	29 1 MG/KG	33 4 MG/KG	27 7 MG/KG	37 9 MG/KG	47 2 MG/KG
SELENIUM	0 47 MG/KG	0 45 MG/KG	0 41 U MG/KG	0 40 U MG/KG	0 40 U MG/KG	0 41 U MG/KG	0 42 U MG/KG	0 44 U MG/KG	0 41 U MG/KG	0 40 U MG/KG	0 41 U MG/KG
SILVER	0 24 MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 23 U MG/KG	0 24 U MG/KG	0 24 MG/KG	0 22 U MG/KG	0 22 U MG/KG
SODIUM	89 7 U MG/KG	89 6 U MG/KG	92 1 U MG/KG	90 3 U MG/KG	88 8 U MG/KG	90 9 U MG/KG	93 8 U MG/KG	97 2 U MG/KG	92 3 U MG/KG	89 6 U MG/KG	91 9 U MG/KG
THALLIUM	0 43 U MG/KG	0 43 U MG/KG	0 45 U MG/KG	0 44 U MG/KG	0 43 U MG/KG	0 44 U MG/KG	0 45 U MG/KG	0 47 U MG/KG	0 45 U MG/KG	0 43 U MG/KG	0 45 U MG/KG
VANADIUM	1 8 MG/KG	2 0 MG/KG	1 2 MG/KG	0 93 MG/KG	1 8 MG/KG	1 5 MG/KG	3 3 MG/KG	0 68 MG/KG	0 18 U MG/KG	1 0 MG/KG	2 2 MG/KG
ZINC	2 5 U MG/KG	3 6 U MG/KG	2 7 U MG/KG	1 8 U MG/KG	1 2 U MG/KG	2 2 U MG/KG	6 8 MG/KG	5 4 MG/KG	8 2 MG/KG	2 8 U MG/KG	1 9 U MG/KG

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131	SS132	SS133	SS134
METALS											
ALUMINUM	3020 MG/KG	2740 MG/KG	1110 MG/KG	741 MG/KG	524 MG/KG	821 MG/KG	3540 MG/KG	1840 MG/KG	1680 MG/KG	1700 MG/KG	1400 MG/KG
ANTIMONY	0.30 U MG/KG	0.30 U MG/KG	0.32 U MG/KG	0.33 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.32 U MG/KG	0.31 U MG/KG	0.31 U MG/KG	0.31 U MG/KG	0.30 U MG/KG
ARSENIC	2.0 MG/KG	1.8 MG/KG	2.5 MG/KG	1.5 MG/KG	1.5 MG/KG	0.76 MG/KG	1.2 MG/KG	0.89 MG/KG	2.5 MG/KG	4.8 MG/KG	1.3 MG/KG
BARIUM	4.5 MG/KG	7.6 MG/KG	3.8 MG/KG	2.8 MG/KG	3.5 MG/KG	3.6 MG/KG	10.5 MG/KG	3.2 U MG/KG	6.0 MG/KG	3.6 MG/KG	2.0 MG/KG
BERYLLIUM	0.09 U MG/KG	0.11 U MG/KG	0.07 U MG/KG	0.05 U MG/KG	0.03 U MG/KG	0.03 U MG/KG	0.11 U MG/KG	0.09 U MG/KG	0.05 U MG/KG	0.04 U MG/KG	0.03 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.07 MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	1560 J MG/KG	4130 J MG/KG	16000 J MG/KG	1040 J MG/KG	8250 J MG/KG	939 J MG/KG	964 MG/KG	1720 MG/KG	794 MG/KG	731 J MG/KG	811 MG/KG
CHROMIUM	3.9 MG/KG	3.6 MG/KG	1.9 MG/KG	1.2 U MG/KG	1.2 U MG/KG	1.2 U MG/KG	3.9 MG/KG	2.2 MG/KG	2.4 MG/KG	2.8 MG/KG	1.4 MG/KG
COBALT	0.19 U MG/KG	0.19 U MG/KG	0.20 U MG/KG	0.21 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.20 U MG/KG	0.19 U MG/KG	0.20 U MG/KG	0.20 U MG/KG	0.19 U MG/KG
COPPER	1.2 U MG/KG	2.2 U MG/KG	1.9 U MG/KG	2.5 U MG/KG	1.6 U MG/KG	1.7 U MG/KG	1.3 MG/KG	1.4 MG/KG	4.1 MG/KG	2.0 U MG/KG	1.5 U MG/KG
CYANIDE	1.4 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UR MG/KG	1.2 UR MG/KG	1.16 U MG/KG	1.1 UJ MG/KG	1.12 U MG/KG
IRON	291 J MG/KG	344 J MG/KG	306 J MG/KG	252 J MG/KG	137 J MG/KG	176 J MG/KG	972 MG/KG	637 MG/KG	349 J MG/KG	207 J MG/KG	219 J MG/KG
LEAD	4.7 J MG/KG	6.0 J MG/KG	3.8 J MG/KG	3.4 J MG/KG	2.2 J MG/KG	3.0 J MG/KG	4.7 MG/KG	3.4 MG/KG	4.2 MG/KG	3.9 J MG/KG	2.5 MG/KG
MAGNESIUM	61.0 MG/KG	95.5 MG/KG	332 MG/KG	75.6 MG/KG	97.9 MG/KG	70.6 MG/KG	122 MG/KG	49.1 MG/KG	64.4 MG/KG	47.9 MG/KG	71.0 MG/KG
MANGANESE	3.2 MG/KG	3.9 MG/KG	10.2 MG/KG	2.8 MG/KG	3.9 MG/KG	3.3 MG/KG	4.0 MG/KG	2.8 MG/KG	3.5 MG/KG	5.9 MG/KG	2.8 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.10 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.09 U MG/KG	0.12 MG/KG	0.10 U MG/KG	0.09 U MG/KG
NICKEL	0.67 MG/KG	0.73 MG/KG	0.54 MG/KG	0.25 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	1.0 MG/KG	0.48 MG/KG	0.42 MG/KG	0.43 MG/KG	0.22 U MG/KG
POTASSIUM	34.6 MG/KG	28.6 MG/KG	40.7 MG/KG	25.2 MG/KG	40.7 MG/KG	29.5 MG/KG	46.1 MG/KG	27.8 MG/KG	38.8 MG/KG	32.5 MG/KG	30.1 MG/KG
SELENIUM	0.41 U MG/KG	0.42 U MG/KG	0.45 MG/KG	0.45 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.44 U MG/KG	0.42 U MG/KG	0.43 U MG/KG	0.43 U MG/KG	0.41 U MG/KG
SILVER	0.22 U MG/KG	0.23 U MG/KG	0.24 U MG/KG	0.25 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.24 U MG/KG	0.23 U MG/KG	0.53 MG/KG	0.23 U MG/KG	0.22 U MG/KG
SODIUM	92.2 U MG/KG	93.0 U MG/KG	99.2 U MG/KG	101 U MG/KG	90.7 U MG/KG	92.5 U MG/KG	99.2 U MG/KG	93.4 U MG/KG	95.2 U MG/KG	96.0 U MG/KG	92.2 U MG/KG
THALLIUM	0.45 U MG/KG	0.45 U MG/KG	0.48 U MG/KG	0.49 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.48 U MG/KG	0.45 U MG/KG	0.46 U MG/KG	0.47 U MG/KG	0.45 U MG/KG
VANADIUM	2.0 MG/KG	3.3 MG/KG	1.6 MG/KG	0.61 MG/KG	0.50 MG/KG	0.51 MG/KG	3.4 MG/KG	1.7 MG/KG	1.3 MG/KG	1.1 MG/KG	0.62 MG/KG
ZINC	1.7 U MG/KG	4.5 MG/KG	4.1 U MG/KG	2.7 U MG/KG	1.6 U MG/KG	2.1 U MG/KG	1.8 U MG/KG	6.3 MG/KG	7.7 MG/KG	5.8 MG/KG	1.9 U MG/KG

PARAMETER	SS135	SS137	SS137-D	SS138	SS139	SS140	SS151	SS151-D	SS152	SS153	SS154
METALS											
ALUMINUM	1650 MG/KG	1830 MG/KG	1450 MG/KG	815 MG/KG	3180 MG/KG	1690 MG/KG	4980 MG/KG	5090 MG/KG	1230 MG/KG	2170 MG/KG	2450 MG/KG
ANTIMONY	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.33 U MG/KG	0.32 U MG/KG	0.30 U MG/KG	0.31 U MG/KG
ARSENIC	1.2 MG/KG	0.92 MG/KG	0.58 MG/KG	0.50 U MG/KG	1.4 MG/KG	1.2 MG/KG	2.5 MG/KG	3.3 MG/KG	0.53 U MG/KG	0.73 MG/KG	1.9 MG/KG
BARIUM	3.2 MG/KG	2.9 MG/KG	2.4 MG/KG	2.4 MG/KG	4.2 MG/KG	6.0 U MG/KG	18.7 MG/KG	14.8 MG/KG	3.6 MG/KG	6.3 MG/KG	4.7 MG/KG
BERYLLIUM	0.04 U MG/KG	0.03 U MG/KG	0.04 U MG/KG	0.03 U MG/KG	0.11 U MG/KG	0.02 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.04 U MG/KG	0.09 U MG/KG	0.06 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.14 U MG/KG	0.06 U MG/KG
CALCIUM	452 MG/KG	730 MG/KG	1680 MG/KG	864 MG/KG	583 MG/KG	450 MG/KG	610 J MG/KG	545 J MG/KG	1790 J MG/KG	12500 J MG/KG	1060 J MG/KG
CHROMIUM	1.8 MG/KG	2.3 MG/KG	2.0 MG/KG	1.4 MG/KG	4.2 MG/KG	2.1 MG/KG	6.0 MG/KG	5.8 MG/KG	2.5 MG/KG	3.6 MG/KG	3.6 MG/KG
COBALT	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.18 U MG/KG	0.19 U MG/KG	0.22 MG/KG	0.20 U MG/KG	0.19 U MG/KG	0.19 U MG/KG
COPPER	1.0 U MG/KG	1.4 U MG/KG	0.64 U MG/KG	1.4 U MG/KG	1.5 U MG/KG	0.86 MG/KG	0.93 U MG/KG	1.1 U MG/KG	2.5 MG/KG	3.0 MG/KG	5.0 MG/KG
CYANIDE	1.11 U MG/KG	1.09 U MG/KG	1.08 U MG/KG	1.1 U MG/KG	1.1 U MG/KG	1.1 UR MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.3 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG
IRON	258 J MG/KG	622 J MG/KG	576 J MG/KG	298 J MG/KG	925 J MG/KG	431 MG/KG	584 J MG/KG	734 J MG/KG	312 J MG/KG	458 J MG/KG	362 J MG/KG
LEAD	2.6 MG/KG	2.4 MG/KG	1.7 MG/KG	2.3 MG/KG	1.6 MG/KG	1.7 U MG/KG	3.0 J MG/KG	3.7 J MG/KG	11.6 J MG/KG	3.7 J MG/KG	2.2 J MG/KG
MAGNESIUM	42.5 MG/KG	63.7 MG/KG	59.2 MG/KG	55.9 MG/KG	63.2 MG/KG	60.6 MG/KG	79.0 MG/KG	83.0 MG/KG	58.5 MG/KG	143 MG/KG	68.0 MG/KG
MANGANESE	1.0 MG/KG	1.4 MG/KG	1.7 MG/KG	2.0 MG/KG	1.0 MG/KG	4.1 MG/KG	1.8 MG/KG	2.4 MG/KG	5.0 MG/KG	5.5 MG/KG	5.2 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.09 U MG/KG	0.22 MG/KG	0.09 U MG/KG
NICKEL	0.47 MG/KG	0.54 MG/KG	0.28 MG/KG	0.26 MG/KG	0.93 MG/KG	5.4 MG/KG	1.2 MG/KG	1.4 MG/KG	0.34 MG/KG	0.65 MG/KG	0.68 MG/KG
POTASSIUM	31.0 MG/KG	28.9 MG/KG	17.1 MG/KG	16.4 MG/KG	23.9 MG/KG	21.6 MG/KG	71.8 MG/KG	77.2 MG/KG	26.6 MG/KG	33.8 MG/KG	33.1 MG/KG
SELENIUM	0.42 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.45 U MG/KG	0.43 U MG/KG	0.47 MG/KG	0.42 U MG/KG
SILVER	0.23 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.24 U MG/KG	0.24 U MG/KG	2.4 MG/KG	0.23 U MG/KG
SODIUM	92.8 U MG/KG	90.3 U MG/KG	90.5 U MG/KG	91.9 U MG/KG	90.7 U MG/KG	89.7 U MG/KG	91.9 U MG/KG	99.5 U MG/KG	96.9 U MG/KG	91.9 U MG/KG	93.4 U MG/KG
THALLIUM	0.45 U MG/KG	0.44 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.44 U MG/KG	0.43 U MG/KG	0.45 U MG/KG	0.48 U MG/KG	0.47 U MG/KG	0.45 U MG/KG	0.45 U MG/KG
VANADIUM	1.6 MG/KG	2.2 MG/KG	2.0 MG/KG	1.3 MG/KG	5.7 MG/KG	2.2 MG/KG	6.3 MG/KG	6.6 MG/KG	0.81 MG/KG	2.2 MG/KG	2.2 MG/KG
ZINC	2.1 U MG/KG	1.4 U MG/KG	1.0 U MG/KG	2.0 U MG/KG	1.2 U MG/KG	1.4 U MG/KG	1.0 U MG/KG	1.3 U MG/KG	3.8 U MG/KG	9.1 MG/KG	2.5 U MG/KG

PARAMETER	SS155	SS156	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03	SSH04
METALS										
ALUMINUM	1240 MG/KG	2700 MG/KG	3110 MG/KG	2930 MG/KG	1760 MG/KG	1280 MG/KG	2880 MG/KG	4660 MG/KG	6520 MG/KG	3870 MG/KG
ANTIMONY	0.31 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.37 U MG/KG	0.30 U MG/KG	0.33 U MG/KG	0.35 U MG/KG
ARSENIC	0.78 MG/KG	0.84 MG/KG	1.4 MG/KG	0.49 U MG/KG	0.49 U MG/KG	2.0 MG/KG	0.62 U MG/KG	0.51 U MG/KG	0.68 MG/KG	1.2 MG/KG
BARIUM	4.2 MG/KG	6.5 MG/KG	8.7 MG/KG	5.4 MG/KG	10.5 MG/KG	4.6 MG/KG	8.6 U MG/KG	9.7 MG/KG	3.8 U MG/KG	11.5 MG/KG
BERYLLIUM	0.13 U MG/KG	0.12 U MG/KG	0.10 U MG/KG	0.05 U MG/KG	0.03 U MG/KG	0.08 U MG/KG	0.06 U MG/KG	0.08 U MG/KG	0.06 U MG/KG	0.09 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.14 U MG/KG	0.06 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.07 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	4300 MG/KG	1230 MG/KG	3270 J MG/KG	1840 J MG/KG	1640 J MG/KG	666 J MG/KG	947 MG/KG	381 MG/KG	168 MG/KG	844 MG/KG
CHROMIUM	2.3 MG/KG	3.5 MG/KG	4.8 MG/KG	2.8 MG/KG	1.9 MG/KG	5.7 MG/KG	3.4 MG/KG	4.6 MG/KG	5.4 MG/KG	4.6 MG/KG
COBALT	0.20 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.18 U MG/KG	0.19 U MG/KG	0.23 U MG/KG	0.20 MG/KG	0.21 U MG/KG	0.22 U MG/KG
COPPER	2.0 U MG/KG	2.0 U MG/KG	3.3 MG/KG	2.3 MG/KG	2.6 MG/KG	3.0 MG/KG	11.9 MG/KG	4.0 MG/KG	0.71 MG/KG	1.3 U MG/KG
CYANIDE	1.41 U MG/KG	1.13 U MG/KG	1.1 U MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.16 U MG/KG
IRON	552 J MG/KG	500 J MG/KG	645 J MG/KG	246 J MG/KG	299 J MG/KG	297 J MG/KG	381 MG/KG	634 MG/KG	571 MG/KG	834 J MG/KG
LEAD	5.3 MG/KG	7.3 MG/KG	7.1 J MG/KG	4.4 J MG/KG	5.7 J MG/KG	4.2 J MG/KG	6.9 MG/KG	5.3 MG/KG	4.2 MG/KG	5.2 MG/KG
MAGNESIUM	86.7 MG/KG	75.5 MG/KG	86.6 MG/KG	64.5 MG/KG	36.5 MG/KG	50.0 MG/KG	57.1 MG/KG	60.1 MG/KG	45.6 MG/KG	60.1 MG/KG
MANGANESE	3.8 MG/KG	5.1 MG/KG	8.9 MG/KG	2.6 MG/KG	2.7 MG/KG	35.5 MG/KG	2.3 MG/KG	2.0 MG/KG	0.78 MG/KG	4.3 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.13 MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.11 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.10 U MG/KG
NICKEL	0.47 MG/KG	0.96 MG/KG	1.1 MG/KG	0.67 MG/KG	0.28 MG/KG	0.38 MG/KG	1.0 MG/KG	1.7 MG/KG	1.2 MG/KG	1.2 MG/KG
POTASSIUM	24.7 MG/KG	30.3 MG/KG	43.0 MG/KG	28.8 MG/KG	15.3 MG/KG	34.6 MG/KG	27.3 MG/KG	33.4 MG/KG	20.5 MG/KG	36.8 MG/KG
SELENIUM	0.43 U MG/KG	0.41 U MG/KG	0.54 MG/KG	0.41 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.51 U MG/KG	0.50 MG/KG	0.46 U MG/KG	0.48 U MG/KG
SILVER	0.23 U MG/KG	0.22 U MG/KG	1.9 MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.28 U MG/KG	0.23 U MG/KG	0.25 U MG/KG	0.26 U MG/KG
SODIUM	95.3 U MG/KG	91.8 U MG/KG	92.5 U MG/KG	90.8 U MG/KG	89.2 U MG/KG	90.8 U MG/KG	114 U MG/KG	93.0 U MG/KG	102 U MG/KG	106 U MG/KG
THALLIUM	0.46 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.44 U MG/KG	0.43 U MG/KG	0.44 U MG/KG	0.55 U MG/KG	0.45 U MG/KG	0.49 U MG/KG	0.52 U MG/KG
VANADIUM	2.7 MG/KG	3.4 MG/KG	2.7 MG/KG	1.1 MG/KG	0.73 MG/KG	0.68 MG/KG	2.6 MG/KG	3.8 MG/KG	2.6 MG/KG	4.3 MG/KG
ZINC	4.9 MG/KG	7.7 MG/KG	9.6 MG/KG	2.2 U MG/KG	2.6 U MG/KG	4.7 MG/KG	6.2 MG/KG	6.8 MG/KG	1.2 U MG/KG	5.3 MG/KG

PARAMETER	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10	SSH11	SSH12	SSH13	SSH14
METALS											
ALUMINUM	2510 MG/KG	2880 MG/KG	614 MG/KG	2870 MG/KG	4070 MG/KG	3910 MG/KG	3400 MG/KG	200 MG/KG	1010 MG/KG	3590 MG/KG	4940 MG/KG
ANTIMONY	0 31 U MG/KG	0 31 U MG/KG	0 30 U MG/KG	0 35 U MG/KG	0 29 U MG/KG	0 30 U MG/KG	0 30 U MG/KG	0 29 U MG/KG	0 29 U MG/KG	0 30 U MG/KG	0 30 U MG/KG
ARSENIC	0 85 MG/KG	0 63 MG/KG	0 50 U MG/KG	0 59 U MG/KG	0 49 U MG/KG	0 51 U MG/KG	0 52 MG/KG	0 48 U MG/KG	0 49 U MG/KG	0 50 U MG/KG	0 50 U MG/KG
BARIUM	10 1 MG/KG	11 4 MG/KG	1 7 U MG/KG	2 2 U MG/KG	5 0 U MG/KG	4 3 MG/KG	8 2 MG/KG	1 1 U MG/KG	3 4 U MG/KG	3 9 U MG/KG	177 MG/KG
BERYLLIUM	0 06 U MG/KG	0 08 U MG/KG	0 02 U MG/KG	0 05 U MG/KG	0 07 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 01 U MG/KG	0 02 U MG/KG	0 06 U MG/KG	0 09 U MG/KG
CADMIUM	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 05 U MG/KG	0 05 U MG/KG	0 06 U MG/KG	0 12 U MG/KG
CALCIUM	443 MG/KG	406 MG/KG	218 MG/KG	209 MG/KG	169 MG/KG	135 MG/KG	3160 MG/KG	20 9 U MG/KG	199 MG/KG	116 MG/KG	209 MG/KG
CHROMIUM	3 2 MG/KG	3 4 MG/KG	0 93 MG/KG	3 0 MG/KG	3 8 MG/KG	4 4 MG/KG	3 6 MG/KG	0 49 MG/KG	1 5 MG/KG	3 3 MG/KG	4 9 MG/KG
COBALT	0 20 U MG/KG	0 20 U MG/KG	0 19 U MG/KG	0 22 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 18 U MG/KG	0 18 U MG/KG	0 19 U MG/KG	0 33 MG/KG
COPPER	1 7 U MG/KG	1 2 U MG/KG	0 30 MG/KG	0 52 MG/KG	1 3 MG/KG	0 77 U MG/KG	1 3 U MG/KG	0 29 U MG/KG	1 0 MG/KG	1 4 MG/KG	2 0 MG/KG
CYANIDE	1 14 U MG/KG	1 14 U MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 2 UR MG/KG	1 15 U MG/KG	1 12 U MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG
IRON	395 J MG/KG	441 J MG/KG	105 MG/KG	300 MG/KG	401 MG/KG	469 J MG/KG	409 J MG/KG	60 1 MG/KG	160 MG/KG	407 MG/KG	652 MG/KG
LEAD	5 0 MG/KG	4 9 MG/KG	2 3 MG/KG	3 8 MG/KG	4 7 MG/KG	6 8 MG/KG	9 3 MG/KG	2 4 MG/KG	5 2 MG/KG	5 4 MG/KG	7 1 MG/KG
MAGNESIUM	46 3 MG/KG	45 1 MG/KG	9 0 U MG/KG	20 4 MG/KG	22 8 MG/KG	21 8 U MG/KG	47 0 MG/KG	3 8 U MG/KG	15 5 MG/KG	25 2 MG/KG	32 7 MG/KG
MANGANESE	2 2 MG/KG	2 0 MG/KG	0 56 MG/KG	2 1 MG/KG	1 3 MG/KG	1 6 MG/KG	2 9 MG/KG	0 28 U MG/KG	1 6 MG/KG	2 1 MG/KG	3 8 MG/KG
MERCURY	0 10 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG
NICKEL	1 3 MG/KG	1 2 MG/KG	0 22 U MG/KG	0 74 MG/KG	1 2 MG/KG	1 1 MG/KG	1 1 MG/KG	0 21 U MG/KG	0 28 MG/KG	1 1 MG/KG	1 2 MG/KG
POTASSIUM	40 5 MG/KG	39 8 MG/KG	10 8 U MG/KG	15 0 MG/KG	16 5 MG/KG	15 0 MG/KG	19 5 MG/KG	10 5 U MG/KG	11 2 MG/KG	14 9 MG/KG	13 3 MG/KG
SELENIUM	0 43 U MG/KG	0 43 U MG/KG	0 41 U MG/KG	0 48 U MG/KG	0 49 MG/KG	0 42 U MG/KG	0 42 U MG/KG	0 39 U MG/KG	0 40 U MG/KG	0 41 U MG/KG	0 44 MG/KG
SILVER	0 23 U MG/KG	0 23 U MG/KG	0 22 U MG/KG	0 26 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 21 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG
SODIUM	95 9 U MG/KG	96 0 U MG/KG	91 0 U MG/KG	108 U MG/KG	90 0 U MG/KG	92 7 U MG/KG	92 6 U MG/KG	88 0 U MG/KG	89 6 U MG/KG	91 3 U MG/KG	92 1 U MG/KG
THALLIUM	0 46 U MG/KG	0 47 U MG/KG	0 44 U MG/KG	0 52 U MG/KG	0 44 U MG/KG	0 45 U MG/KG	0 45 U MG/KG	0 43 U MG/KG	0 43 U MG/KG	0 44 U MG/KG	0 45 U MG/KG
VANADIUM	2 3 MG/KG	2 8 MG/KG	0 43 MG/KG	1 6 MG/KG	2 0 MG/KG	2 0 MG/KG	1 9 MG/KG	0 22 MG/KG	0 66 MG/KG	1 6 MG/KG	2 2 MG/KG
ZINC	4 4 MG/KG	4 0 MG/KG	0 97 U MG/KG	3 2 U MG/KG	21 6 MG/KG	4 8 MG/KG	6 0 MG/KG	0 80 U MG/KG	4 7 U MG/KG	4 5 U MG/KG	45 8 MG/KG

PARAMETER	SSH15	SSH15-D	SSH16	SSH17	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
METALS											
ALUMINUM	2520 MG/KG	2890 MG/KG	378 MG/KG	1260 MG/KG	2000 MG/KG	915 MG/KG	3490 MG/KG	585 MG/KG	2480 MG/KG	2640 MG/KG	1470 MG/KG
ANTIMONY	0 30 U MG/KG	0 30 U MG/KG	0 45 U MG/KG	0 30 U MG/KG	0 31 U MG/KG	0 30 U MG/KG	0 29 U MG/KG	0 30 U MG/KG	0 33 U MG/KG	0 30 U MG/KG	0 30 U MG/KG
ARSENIC	0 49 U MG/KG	0 49 U MG/KG	0 75 U MG/KG	0 49 U MG/KG	0 52 U MG/KG	0 49 U MG/KG	0 49 U MG/KG	0 49 U MG/KG	0 54 U MG/KG	1 7 MG/KG	0 50 U MG/KG
BARIUM	7 3 MG/KG	7 3 MG/KG	1 7 U MG/KG	6 6 U MG/KG	6 2 U MG/KG	3 3 U MG/KG	26 2 MG/KG	2 0 U MG/KG	5 6 U MG/KG	12 0 MG/KG	5 8 U MG/KG
BERYLLIUM	0 07 U MG/KG	0 08 U MG/KG	0 02 U MG/KG	0 02 U MG/KG	0 03 U MG/KG	0 01 U MG/KG	0 20 U MG/KG	0 04 U MG/KG	0 07 U MG/KG	0 08 U MG/KG	0 05 U MG/KG
CADMIUM	0 15 U MG/KG	0 06 U MG/KG	0 08 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 19 U MG/KG	0 06 U MG/KG	0 10 MG/KG	0 16 MG/KG	0 06 U MG/KG
CALCIUM	467 MG/KG	411 MG/KG	91 0 U MG/KG	262 MG/KG	225 MG/KG	1120 MG/KG	7470 MG/KG	121 MG/KG	351 MG/KG	1160 MG/KG	260 MG/KG
CHROMIUM	3 3 MG/KG	4 0 MG/KG	0 94 MG/KG	1 7 MG/KG	3 0 MG/KG	1 7 MG/KG	4 0 MG/KG	0 70 MG/KG	3 1 MG/KG	6 2 MG/KG	2 0 MG/KG
COBALT	0 19 U MG/KG	0 19 U MG/KG	0 28 U MG/KG	0 19 U MG/KG	0 20 U MG/KG	0 19 U MG/KG	0 26 MG/KG	0 19 U MG/KG	0 21 U MG/KG	0 19 U MG/KG	0 19 U MG/KG
COPPER	0 98 MG/KG	0 79 MG/KG	1 2 MG/KG	0 67 MG/KG	21 4 MG/KG	1 0 MG/KG	11 3 MG/KG	0 42 MG/KG	0 83 MG/KG	3 4 MG/KG	0 30 U MG/KG
CYANIDE	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG
IRON	327 MG/KG	335 MG/KG	474 MG/KG	153 MG/KG	289 MG/KG	163 MG/KG	560 MG/KG	209 MG/KG	835 MG/KG	709 MG/KG	160 MG/KG
LEAD	7 0 MG/KG	6 9 MG/KG	2 8 MG/KG	3 7 MG/KG	6 6 MG/KG	7 9 MG/KG	8 8 MG/KG	2 8 MG/KG	10 6 MG/KG	17 1 MG/KG	4 2 MG/KG
MAGNESIUM	29 3 MG/KG	26 0 MG/KG	10 2 MG/KG	30 8 MG/KG	24 3 MG/KG	21 8 MG/KG	318 MG/KG	14 5 U MG/KG	28 9 U MG/KG	79 8 MG/KG	28 8 MG/KG
MANGANESE	7 7 MG/KG	4 8 MG/KG	2 0 MG/KG	1 5 MG/KG	3 5 MG/KG	1 8 MG/KG	11 3 MG/KG	0 61 MG/KG	3 6 MG/KG	7 4 MG/KG	1 4 MG/KG
MERCURY	0 09 U MG/KG	0 09 U MG/KG	0 14 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 10 U MG/KG	0 15 MG/KG	0 09 U MG/KG
NICKEL	0 69 MG/KG	0 75 MG/KG	0 33 U MG/KG	0 38 MG/KG	0 57 MG/KG	0 34 MG/KG	3 7 MG/KG	0 24 MG/KG	0 64 MG/KG	0 86 MG/KG	0 54 MG/KG
POTASSIUM	16 1 MG/KG	19 6 MG/KG	16 5 U MG/KG	16 5 MG/KG	12 0 MG/KG	10 8 MG/KG	53 8 MG/KG	10 8 U MG/KG	11 9 U MG/KG	21 4 MG/KG	20 0 MG/KG
SELENIUM	0 41 U MG/KG	0 41 U MG/KG	0 62 U MG/KG	0 41 U MG/KG	0 43 U MG/KG	0 40 U MG/KG	0 40 U MG/KG	0 41 U MG/KG	0 45 U MG/KG	0 41 U MG/KG	0 41 U MG/KG
SILVER	0 27 MG/KG	0 23 MG/KG	0 33 U MG/KG	0 22 U MG/KG	0 23 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 24 U MG/KG	0 22 U MG/KG	0 22 U MG/KG
SODIUM	90 4 U MG/KG	90 4 U MG/KG	138 U MG/KG	90 5 U MG/KG	95 3 U MG/KG	90 2 U MG/KG	89 6 U MG/KG	90 6 U MG/KG	99 9 U MG/KG	91 4 U MG/KG	91 1 U MG/KG
THALLIUM	0 44 U MG/KG	0 44 U MG/KG	0 67 U MG/KG	0 44 U MG/KG	0 46 U MG/KG	0 44 U MG/KG	0 43 U MG/KG	0 44 U MG/KG	0 48 U MG/KG	0 44 U MG/KG	0 44 U MG/KG
VANADIUM	1 3 MG/KG	1 6 MG/KG	0 33 MG/KG	0 72 MG/KG	1 2 MG/KG	0 59 MG/KG	1 9 MG/KG	0 62 U MG/KG	1 3 U MG/KG	1 7 U MG/KG	1 0 U MG/KG
ZINC	5 2 MG/KG	4 7 U MG/KG	11 9 MG/KG	2 0 U MG/KG	7 2 MG/KG	2 9 U MG/KG	21 5 MG/KG	2 7 U MG/KG	10 4 MG/KG	24 6 MG/KG	1 6 U MG/KG

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30	SSH31	SSH32	SSH33	SSH34
METALS											
ALUMINUM	1380 MG/KG	899 MG/KG	300 MG/KG	1700 MG/KG	804 MG/KG	791 MG/KG	1490 MG/KG	1290 MG/KG	761 MG/KG	873 MG/KG	515 MG/KG
ANTIMONY	0 30 U MG/KG	0 29 U MG/KG	0 30 U MG/KG	0 30 U MG/KG	0 29 U MG/KG	0 29 U MG/KG	0 29 U MG/KG	0 30 U MG/KG	0 29 U MG/KG	0 29 U MG/KG	0 29 U MG/KG
ARSENIC	0 50 U MG/KG	0 48 U MG/KG	0 49 U MG/KG	0 49 U MG/KG	0 49 U MG/KG	0 49 U MG/KG	0 49 U MG/KG	0 50 U MG/KG	0 49 U MG/KG	0 49 U MG/KG	0 48 U MG/KG
BARIUM	1 8 U MG/KG	1 2 U MG/KG	1 2 U MG/KG	3 5 U MG/KG	3 6 U MG/KG	4 9 U MG/KG	6 1 U MG/KG	2 0 U MG/KG	5 4 U MG/KG	4 6 U MG/KG	2 4 U MG/KG
BERYLLIUM	0 04 U MG/KG	0 01 U MG/KG	0 03 U MG/KG	0 05 U MG/KG	0 04 U MG/KG	0 03 U MG/KG	0 07 U MG/KG	0 07 U MG/KG	0 06 U MG/KG	0 04 U MG/KG	0 03 U MG/KG
CADMIUM	0 06 U MG/KG	0 05 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 05 U MG/KG	0 05 U MG/KG	0 08 MG/KG	0 06 U MG/KG	0 05 U MG/KG	0 10 MG/KG	0 05 U MG/KG
CALCIUM	166 MG/KG	103 MG/KG	58 4 MG/KG	255 MG/KG	851 MG/KG	332 MG/KG	906 MG/KG	45 7 U MG/KG	2340 MG/KG	515 MG/KG	360 MG/KG
CHROMIUM	1 2 MG/KG	0 75 MG/KG	0 54 MG/KG	2 6 MG/KG	2 9 MG/KG	0 96 MG/KG	1 8 MG/KG	1 5 MG/KG	1 6 MG/KG	1 9 MG/KG	2 6 MG/KG
COBALT	0 19 U MG/KG	0 18 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 18 U MG/KG	0 18 U MG/KG	0 18 U MG/KG	0 19 U MG/KG	0 18 U MG/KG	0 18 U MG/KG	0 18 U MG/KG
COPPER	0 30 U MG/KG	0 29 U MG/KG	0 30 U MG/KG	0 30 MG/KG	0 93 MG/KG	0 29 U MG/KG	0 93 MG/KG	0 30 U MG/KG	0 31 MG/KG	8 7 MG/KG	1 3 MG/KG
CYANIDE	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG
IRON	116 MG/KG	92 2 MG/KG	102 MG/KG	129 MG/KG	130 MG/KG	85 1 MG/KG	406 MG/KG	574 MG/KG	217 MG/KG	116 MG/KG	439 MG/KG
LEAD	2 8 MG/KG	1 7 U MG/KG	1 8 U MG/KG	4 3 MG/KG	5 4 MG/KG	2 4 U MG/KG	3 8 MG/KG	3 3 MG/KG	6 8 MG/KG	7 0 MG/KG	9 4 MG/KG
MAGNESIUM	21 3 U MG/KG	13 2 U MG/KG	9 5 U MG/KG	19 0 U MG/KG	49 6 MG/KG	43 8 MG/KG	46 1 MG/KG	20 9 U MG/KG	39 9 MG/KG	29 5 MG/KG	24 2 U MG/KG
MANGANESE	0 77 MG/KG	0 47 U MG/KG	0 31 U MG/KG	0 62 MG/KG	3 3 MG/KG	1 4 MG/KG	3 0 MG/KG	0 57 MG/KG	1 4 MG/KG	2 4 MG/KG	2 2 MG/KG
MERCURY	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 12 MG/KG
NICKEL	0 36 MG/KG	0 47 MG/KG	0 35 MG/KG	0 53 MG/KG	0 45 MG/KG	0 24 MG/KG	0 58 MG/KG	0 29 MG/KG	0 31 MG/KG	0 26 MG/KG	0 41 MG/KG
POTASSIUM	10 9 U MG/KG	10 6 U MG/KG	10 8 U MG/KG	10 8 U MG/KG	10 7 U MG/KG	14 2 MG/KG	19 6 MG/KG	11 2 MG/KG	10 7 U MG/KG	10 6 U MG/KG	10 7 MG/KG
SELENIUM	0 41 U MG/KG	0 40 U MG/KG	0 41 U MG/KG	0 41 U MG/KG	0 40 U MG/KG	0 40 U MG/KG	0 40 U MG/KG	0 41 U MG/KG	0 40 U MG/KG	0 40 U MG/KG	0 40 U MG/KG
SILVER	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG
SODIUM	91 3 U MG/KG	88 9 U MG/KG	90 4 U MG/KG	90 5 U MG/KG	89 5 U MG/KG	89 0 U MG/KG	89 2 U MG/KG	91 4 U MG/KG	89 4 U MG/KG	89 3 U MG/KG	88 7 U MG/KG
THALLIUM	0 44 U MG/KG	0 43 U MG/KG	0 44 U MG/KG	0 44 U MG/KG	0 43 U MG/KG	0 43 U MG/KG	0 43 U MG/KG	0 44 U MG/KG	0 43 U MG/KG	0 43 U MG/KG	0 43 U MG/KG
VANADIUM	0 67 U MG/KG	0 67 U MG/KG	0 37 U MG/KG	1 1 U MG/KG	0 90 U MG/KG	0 59 U MG/KG	1 7 U MG/KG	1 0 U MG/KG	2 2 MG/KG	0 66 U MG/KG	1 1 U MG/KG
ZINC	0 56 U MG/KG	0 42 U MG/KG	0 74 U MG/KG	1 8 U MG/KG	11 3 MG/KG	1 1 U MG/KG	6 8 MG/KG	1 3 U MG/KG	2 5 U MG/KG	14 5 MG/KG	17 2 MG/KG

PARAMETER	SSH35	SSH35-D	SSH36	SSH37	SSH38	SSH39	SSH40
METALS							
ALUMINUM	998 MG/KG	956 MG/KG	1500 MG/KG	1390 MG/KG	548 MG/KG	230 MG/KG	58 4 MG/KG
ANTIMONY	0 30 U MG/KG	0 30 U MG/KG	0 39 U MG/KG	0 30 U MG/KG	0 30 U MG/KG	0 29 U MG/KG	0 29 U MG/KG
ARSENIC	0 49 U MG/KG	0 49 U MG/KG	0 64 U MG/KG	0 54 MG/KG	0 50 U MG/KG	0 48 U MG/KG	0 48 U MG/KG
BARIUM	3 4 U MG/KG	3 8 U MG/KG	6 6 U MG/KG	1 4 U MG/KG	2 7 U MG/KG	1 1 U MG/KG	1 1 U MG/KG
BERYLLIUM	0 03 U MG/KG	0 03 U MG/KG	0 08 U MG/KG	0 07 U MG/KG	0 02 U MG/KG	0 02 U MG/KG	0 02 U MG/KG
CADMIUM	0 06 U MG/KG	0 06 U MG/KG	0 07 U MG/KG	0 06 U MG/KG	0 06 U MG/KG	0 05 U MG/KG	0 05 U MG/KG
CALCIUM	208 MG/KG	192 MG/KG	286 MG/KG	53 5 U MG/KG	213 MG/KG	58 4 MG/KG	78 2 MG/KG
CHROMIUM	1 3 MG/KG	1 2 MG/KG	1 8 MG/KG	2 0 MG/KG	1 0 MG/KG	0 73 MG/KG	0 21 MG/KG
COBALT	0 19 U MG/KG	0 19 U MG/KG	0 24 U MG/KG	0 19 U MG/KG	0 19 U MG/KG	0 18 U MG/KG	0 18 U MG/KG
COPPER	0 30 U MG/KG	0 30 U MG/KG	4 4 MG/KG	0 30 U MG/KG	0 30 U MG/KG	0 29 U MG/KG	0 29 U MG/KG
CYANIDE	1 1 UR MG/KG	1 1 UR MG/KG	1 2 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG	1 1 UR MG/KG
IRON	92 5 MG/KG	84 0 MG/KG	600 MG/KG	718 MG/KG	101 MG/KG	23 1 MG/KG	19 7 MG/KG
LEAD	3 0 MG/KG	3 0 MG/KG	12 3 MG/KG	1 8 U MG/KG	2 6 MG/KG	1 4 U MG/KG	1 1 U MG/KG
MAGNESIUM	21 1 U MG/KG	20 5 U MG/KG	73 0 MG/KG	22 9 U MG/KG	14 3 U MG/KG	6 4 U MG/KG	7 5 U MG/KG
MANGANESE	0 53 MG/KG	0 46 U MG/KG	1 1 MG/KG	0 86 MG/KG	0 50 U MG/KG	0 35 U MG/KG	0 40 U MG/KG
MERCURY	0 09 U MG/KG	0 09 U MG/KG	0 12 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG	0 09 U MG/KG
NICKEL	0 26 MG/KG	0 22 U MG/KG	0 93 MG/KG	0 33 MG/KG	0 34 MG/KG	0 22 U MG/KG	0 21 U MG/KG
POTASSIUM	10 8 U MG/KG	10 8 U MG/KG	44 4 MG/KG	10 8 U MG/KG	10 8 U MG/KG	10 6 U MG/KG	10 6 U MG/KG
SELENIUM	0 40 U MG/KG	0 41 U MG/KG	0 56 MG/KG	0 41 U MG/KG	0 41 U MG/KG	0 40 U MG/KG	0 40 U MG/KG
SILVER	0 22 U MG/KG	0 22 U MG/KG	0 29 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 22 U MG/KG	0 21 U MG/KG
SODIUM	90 3 U MG/KG	90 5 U MG/KG	118 U MG/KG	90 8 U MG/KG	91 0 U MG/KG	88 9 U MG/KG	88 4 U MG/KG
THALLIUM	0 44 U MG/KG	0 44 U MG/KG	0 57 U MG/KG	0 45 MG/KG	0 44 U MG/KG	0 43 U MG/KG	0 43 U MG/KG
VANADIUM	0 72 U MG/KG	0 72 U MG/KG	2 3 U MG/KG	1 8 U MG/KG	0 70 U MG/KG	0 29 U MG/KG	0 18 U MG/KG
ZINC	0 84 U MG/KG	0 97 U MG/KG	3 4 U MG/KG	0 76 U MG/KG	0 66 U MG/KG	0 75 U MG/KG	2 1 U MG/KG

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030	SS031	SS032	SS040
MISCELLANEOUS											
CATION EX CAPACITY					978 MG/KG					1500 MG/KG	
TOTAL ORGANIC CARBON					14700 MG/KG					11200 MG/KG	

PARAMETER	SS041	SS050	SS051	SS052	SS060	SS061	SS062	SS070	SS071	SS072	SS080
MISCELLANEOUS											
CATION EX CAPACITY		1740 MG/KG		1750 MG/KG						2250 MG/KG	
TOTAL ORGANIC CARBON		9860 MG/KG		12400 MG/KG						14300 MG/KG	

PARAMETER	SS080-D	SS081	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100	SS101
MISCELLANEOUS											
CATION EX CAPACITY					2390 MG/KG			1040 MG/KG			2540 MG/KG
TOTAL ORGANIC CARBON					13700 MG/KG			28500 MG/KG			16100 MG/KG

PARAMETER	SS102	SS102-D	SS103	SS104	SS105	SS108	SS109	SS110	SS111	SS112	SS113
MISCELLANEOUS											
CATION EX. CAPACITY				1640 MG/KG							
TOTAL ORGANIC CARBON				7080 J MG/KG							

PARAMETER	SS114	SS115	SS116	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
MISCELLANEOUS											
CATION EX CAPACITY						1550 MG/KG		2230 MG/KG		1810 MG/KG	
TOTAL ORGANIC CARBON						21600 MG/KG		30000 MG/KG		8200 MG/KG	

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131	SS132	SS133	SS134
MISCELLANEOUS											
CATION EX. CAPACITY		2080 MG/KG		2010 MG/KG							
TOTAL ORGANIC CARBON		12000 MG/KG		16700 MG/KG							

PARAMETER	SS135	SS137	SS137-D	SS138	SS139	SS140	SS151	SS151-D	SS152	SS153	SS154
MISCELLANEOUS											
CATION EX. CAPACITY					1470 MG/KG						
TOTAL ORGANIC CARBON					7030 MG/KG						

PARAMETER	SS155	SS156	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03	SSH04
MISCELLANEOUS										
CATION EX. CAPACITY		2180 MG/KG		3520 MG/KG		2660 MG/KG		2540 MG/KG		
TOTAL ORGANIC CARBON		1.1 MG/KG		15100 MG/KG		14800 J MG/KG		10700 MG/KG		

PARAMETER	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10	SSH11	SSH12	SSH13	SSH14
MISCELLANEOUS											
CATION EX CAPACITY									1060 MG/KG		
TOTAL ORGANIC CARBON									9350 MG/KG		

PARAMETER	SSH15	SSH15-D	SSH16	SSH17	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
MISCELLANEOUS											
CATION EX. CAPACITY									1860 MG/KG		
TOTAL ORGANIC CARBON									15600 MG/KG		

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30	SSH31	SSH32	SSH33	SSH34
MISCELLANEOUS											
CATION EX. CAPACITY						269 U MG/KG			2380 MG/KG		
TOTAL ORGANIC CARBON						10000 MG/KG			20300 MG/KG		

PARAMETER	SSH35	SSH35-D	SSH36	SSH37	SSH38	SSH39	SSH40
MISCELLANEOUS							
CATION EX CAPACITY						750 MG/KG	
TOTAL ORGANIC CARBON						29600 MG/KG	

PARAMETER	SS010	SS010-D	SS011	SS012	SS020	SS021	SS022	SS030
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	1 61 +/- 0 225 PCI/G	0 855 +/- 0 14 PCI/G	2 33 +/- 0 318 PCI/G	0 785 +/- 0 128 PCI/G	1 63 +/- 0 228 PCI/G	0 936 +/- 0 146 PCI/G	1 10 +/- 0 183 PCI/G	1 95 +/- 0 279 PCI/G
GROSS BETA	0 733 +/- 0 115 PCI/G	0 406 +/- 0 083 PCI/G	1 11 +/- 0 164 PCI/G	-0 047 +/- 0 013 U PCI/G	0 609 +/- 0 103 PCI/G	0 478 +/- 0 091 PCI/G	0 731 +/- 0 130 PCI/G	0 951 +/- 0 149 PCI/G

PARAMETER	SS031	SS032	SS040	SS041	SS050	SS051	SS052	SS060
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	2 37 +/- 0 342 PCI/G	0 669 +/- 0 111 PCI/G	2.01 +/- 0 280 PCI/G	1 27 +/- 0 184 PCI/G	1 81 +/- 0.251 PCI/G	1 56 +/- 0 255 PCI/G	0 825 +/- 0 134 PCI/G	1 73 +/- 0 254 PCI/G
GROSS BETA	0 674 +/- 0 169 PCI/G	0 387 +/- 0 086 PCI/G	0 934 +/- 0 136 PCI/G	0 558 +/- 0 096 PCI/G	0 699 +/- 0 109 PCI/G	0 501 +/- 0 147 PCI/G	0 669 +/- 0 104 PCI/G	0 830 +/- 0 138 PCI/G

PARAMETER	SS061	SS062	SS070	SS071	SS072	SS080	SS080-D	SS081
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	1 41 +/- 0 210 PCI/G	1 75 +/- 0 246 PCI/G	2 80 +/- 0 370 PCI/G	1 14 +/- 0 170 PCI/G	1 19 +/- 0 185 PCI/G	0 901 +/- 0 141 PCI/G	0 922 +/- 0 144 PCI/G	2 16 +/- 0 326 PCI/G
GROSS BETA	0 840 +/- 0 137 PCI/G	0 852 +/- 0 139 PCI/G	1 53 +/- 0 189 PCI/G	0 599 +/- 0 101 PCI/G	0 804 +/- 0 135 PCI/G	0 360 +/- 0 081 PCI/G	0 483 +/- 0 090 PCI/G	0 549 +/- 0 148 PCI/G

PARAMETER	SS082	SS083	SS090	SS091	SS091-D	SS092	SS099	SS100
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	1 17 +/- 0 181 PCI/G	1 22 +/- 0 179 PCI/G	2 13 +/- 0 290 PCI/G	1 28 +/- 0 279 PCI/G	0 506 +/- 0 098 PCI/G	0 670 +/- 0 107 PCI/G	1 36 +/- 0 194 PCI/G	2 74 +/- 0 369 PCI/G
GROSS BETA	0 512 +/- 0 117 PCI/G	0 516 +/- 0 106 PCI/G	1 13 +/- 0 149 PCI/G	0 063 +/- 0 240 U PCI/G	-0 137 +/- 0 013 U PCI/G	0 196 +/- 0 067 PCI/G	0 701 +/- 0 109 J PCI/G	1 21 +/- 0 159 PCI/G

PARAMETER	SS101	SS102	SS102-D	SS103	SS104	SS105	SS108
RADIOLOGICAL PARAMETERS							
GROSS ALPHA	0 170 +/- 0 060 PCI/G	1 14 +/- 0 166 PCI/G	0 905 +/- 0 139 PCI/G	0 933 +/- 0 139 PCI/G	1 60 +/- 0 215 PCI/G	0 937 +/- 0 146 PCI/G	0 903 +/- 0 138 PCI/G
GROSS BETA	0 089 +/- 0 061 U PCI/G	0 573 +/- 0 098 PCI/G	0 479 +/- 0 089 PCI/G	0 485 +/- 0 090 J PCI/G	0 640 +/- 0 102 J PCI/G	0 339 +/- 0 085 J PCI/G	0 586 +/- 0 099 J PCI/G

PARAMETER	SS109	SS110	SS111	SS112	SS113	SS114	SS115	SS116
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	0 584 +/- 0 101 PCI/G	2 65 +/- 0 389 PCI/G	2 80 +/- 0 382 PCI/G	1 19 +/- 0 171 PCI/G	0 808 +/- 0 127 PCI/G	0 912 +/- 0 143 PCI/G	1 61 +/- 0 260 PCI/G	0 632 +/- 0 106 PCI/G
GROSS BETA	0 335 +/- 0 080 J PCI/G	1 31 +/- 0 217 PCI/G	1 31 +/- 0 169 PCI/G	0 394 +/- 0 082 PCI/G	0 482 +/- 0 090 PCI/G	0 794 +/- 0 118 PCI/G	0 796 +/- 0 168 PCI/G	0 429 +/- 0 087 PCI/G

PARAMETER	SS117	SS118	SS119	SS120	SS121	SS122	SS123	SS124
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	0 641 +/- 0 117 PCI/G	1 16 +/- 0 170 PCI/G	0 556 +/- 0 104 PCI/G	1 13 +/- 0 169 PCI/G	0 687 +/- 0 114 PCI/G	0 579 +/- 0 100 PCI/G	0 700 +/- 0 115 PCI/G	1 00 +/-0 163 PCI/G
GROSS BETA	0 364 +/- 0 080 PCI/G	0 631 +/- 0 106 PCI/G	0 469 +/- 0 089 PCI/G	0 819 +/- 0 121 PCI/G	0 315 +/- 0 079 PCI/G	0 265 +/- 0 073 PCI/G	0 403 +/- 0 082 PCI/G	0 380 +/- 0 101 PCI/G

PARAMETER	SS124-D	SS125	SS126	SS127	SS128	SS129	SS130	SS131
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	1 35 +/- 0 196 PCI/G	1 69 +/- 0 259 PCI/G	0 554 +/- 0 220 PCI/G	0 664 +/- 0 110 PCI/G	0 548 +/- 0 143 PCI/G	0 639 +/- 0 108 PCI/G	1 19 +/- 0 173 PCI/G	0 792 +/- 0 126 PCI/G
GROSS BETA	0 698 +/- 0 108 PCI/G	1 22 +/- 0 201 PCI/G	-0 562 +/- 0 050 U PCI/G	0 599 +/- 0 099 PCI/G	0 339 +/- 0 133 PCI/G	0 558 +/- 0 101 PCI/G	0.765 +/- 0 115 PCI/G	0 449 +/- 0 088 PCI/G

PARAMETER	SS132	SS133	SS134	SS135	SS137	SS137-D	SS138	SS139
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	0 434 +/- 0 084 PCI/G	0.744 +/- 0 125 PCI/G	0 460 +/- 0 089 PCI/G	0 601 +/- 0 104 PCI/G	0 695 +/- 0 122 PCI/G	0 697 +/- 0 114 PCI/G	0 509 +/- 0 093 PCI/G	0 995 +/- 0 149 PCI/G
GROSS BETA	0 102 +/- 0 064 U PCI/G	0 377 +/- 0 080 PCI/G	0 096 +/- 0 062 U PCI/G	0 157 +/- 0 067 PCI/G	0 066 +/- 0 080 U PCI/G	0 357 +/- 0 083 PCI/G	0 358 +/- 0 081 PCI/G	0 701 +/- 0 109 PCI/G

PARAMETER	SS140	SS151	SS151-D	SS152	SS153	SS154	SS155	SS156
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	0 981 +/- 0 147 PCI/G	2 57 +/- 0.329 PCI/G	2 72 +/- 0 364 PCI/G	0 720 +/- 0 126 PCI/G	1.19 +/- 0 181 PCI/G	1 06 +/- 0 157 PCI/G	0 826 +/- 0 136 PCI/G	0 741 +/- 0 119 PCI/G
GROSS BETA	0 617 +/- 0 104 PCI/G	1 28 +/- 0 163 J PCI/G	1 42 +/- 0 189 PCI/G	0 621 +/- 0 101 J PCI/G	0 908 +/- 0 130 PCI/G	0 686 +/- 0 108 PCI/G	0 312 +/- 0 092 PCI/G	0 657 +/- 0 103 PCI/G

PARAMETER	SS157	SS158	SS159	SS160	SSH01	SSH02	SSH03
RADIOLOGICAL PARAMETERS							
GROSS ALPHA	2.09 +/- 0.309 PCI/G	0.806 +/- 0.138 PCI/G	1.51 +/- 0.212 PCI/G	1.28 +/- 0.185 PCI/G	1.03 +/- 0.152 PCI/G	1.32 +/- 0.184 PCI/G	1.45 +/- 0.204 PCI/G
GROSS BETA	1.14 +/- 0.198 PCI/G	0.251 +/- 0.089 PCI/G	0.628 +/- 0.115 J PCI/G	0.754 +/- 0.115 J PCI/G	0.421 +/- 0.090 PCI/G	0.598 +/- 0.099 PCI/G	0.459 +/- 0.089 PCI/G

PARAMETER	SSH04	SSH05	SSH05-D	SSH06	SSH07	SSH08	SSH09	SSH10
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	1 18 +/- 0 168 PCI/G	1 11 +/- 0 160 PCI/G	0 937 +/- 0 140 PCI/G	0 625 +/- 0 105 PCI/G	1 06 +/- 0 165 PCI/G	1 50 +/- 0 231 PCI/G	1 48 +/- 0 226 PCI/G	1 84 +/- 0 294 PCI/G
GROSS BETA	0 635 +/- 0 103 PCI/G	0 526 +/- 0 093 PCI/G	0 462 +/- 0 087 PCI/G	0 226 +/- 0 070 PCI/G	0 753 +/- 0 115 PCI/G	0 218 +/- 0 113 U PCI/G	0 491 +/- 0 111 PCI/G	0 642 +/- 0 159 PCI/G

PARAMETER	SSH11	SSH12	SSH13	SSH14	SSH15	SSH15-D	SSH16	SSH17
RADIOLOGICAL PARAMETERS								
GROSS ALPHA	0.171 +/- 0.053 PCI/G	0.445 +/- 0.091 PCI/G	1.18 +/- 0.174 PCI/G	1.45 +/- 0.240 PCI/G	1.53 +/- 0.215 PCI/G	0.940 +/- 0.147 J PCI/G	0.229 +/- 0.056 J PCI/G	0.483 +/- 0.088 J PCI/G
GROSS BETA	-0.068 +/- 0.012 U PCI/G	0.212 +/- 0.068 PCI/G	0.453 +/- 0.090 PCI/G	0.421 +/- 0.142 PCI/G	0.520 +/- 0.099 PCI/G	0.452 +/- 0.086 PCI/G	0.052 +/- 0.061 U PCI/G	0.378 +/- 0.082 PCI/G

PARAMETER	SSH18	SSH19	SSH20	SSH21	SSH22	SSH23	SSH24
RADIOLOGICAL PARAMETERS							
GROSS ALPHA	0 835 +/- 0 130 J PCI/G	0 492 +/- 0 090 J PCI/G	1 41 +/- 0 210 J PCI/G	0 271 +/- 0 068 J PCI/G	0 680 +/- 0 125 J PCI/G	1 29 +/- 0 194 J PCI/G	0 370 +/- 0 079 J PCI/G
GROSS BETA	0 377 +/- 0 087 PCI/G	0 279 +/- 0 073 PCI/G	0 517 +/- 0 096 PCI/G	-0 081 +/- 0 013 U PCI/G	0 187 +/- 0 071 PCI/G	0 558 +/- 0 099 PCI/G	0 283 +/- 0 074 PCI/G

PARAMETER	SSH25	SSH25-D	SSH26	SSH27	SSH28	SSH29	SSH30
RADIOLOGICAL PARAMETERS							
GROSS ALPHA	0.282 +/- 0.067 J PCI/G		0.280 +/- 0.066 J PCI/G	0.433 +/- 0.091 J PCI/G	0.853 +/- 0.129 J PCI/G	0.423 +/- 0.080 J PCI/G	1.40 +/- 0.199 PCI/G
GROSS BETA	0.054 +/- 0.065 U PCI/G		0.219 +/- 0.074 PCI/G	0.400 +/- 0.082 PCI/G	0.288 +/- 0.076 PCI/G	0.232 +/- 0.071 PCI/G	0.527 +/- 0.095 PCI/G

PARAMETER	SSH31	SSH32	SSH33	SSH34	SSH35	SSH35-D	SSH36
RADIOLOGICAL PARAMETERS							
GROSS ALPHA	0 542 +/- 0 094 J PCI/G	0 674 +/- 0 119 J PCI/G	0 158 +/- 0 074 J PCI/G	0 557 +/- 0 123 J PCI/G	0 286 +/- 0 069 J PCI/G		0 386 +/- 0 082 PCI/G
GROSS BETA	0 444 +/- 0 086 PCI/G	-0 083 +/- 0 013 U PCI/G	-0 328 +/- 0 013 U PCI/G	0 096 +/- 0 069 U PCI/G	0 215 +/- 0 070 PCI/G		0 581 +/- 0 096 PCI/G

PARAMETER	SSH37	SSH38	SSH39	SSH40
RADIOLOGICAL PARAMETERS				
GROSS ALPHA	0 438 +/- 0 082 PCI/G	0 417 +/- 0 077 PCI/G	0 153 +/- 0 050 PCI/G	0 111 +/- 0 043 PCI/G
GROSS BETA	0 211 +/- 0 071 PCI/G	0 257 +/- 0 071 PCI/G	0 048 +/- 0 060 U PCI/G	0 469 +/- 0 087 PCI/G

TABLE A-1

SURFACE WATER SCREENING VALUES
OPERABLE UNIT 2
NTC, ORLANDO
PAGE 1 OF 1

Analysis	Threshold Value[a]	Comments
Bis (2-ethylhexyl)Phthalate	3 µg/L	
Aluminum		No value for fresh water; no USEPA Region 4 value
Antimony	4,300 µg/L	
Arsenic	50 µg/L	
Barium		No value for fresh water; no USEPA Region 4 value
Beryllium	0.13 µg/L	Annual average
Cadmium	0.71 µg/L	FSWQC equation
Calcium		No value for fresh water; no USEPA Region 4 value
Chromium (III)	127.62 µg/L	FSWQC equation
Cobalt		No value for fresh water; no USEPA Region 4 value
Copper	7.09 µg/L	FSWQC equation
Cyanide	5.2 µg/L	
Iron	1,000 µg/L	
Lead	1.5 µg/L	FSWQC equation
Magnesium		No value for fresh water; no USEPA Region 4 value
Manganese		No value for fresh water; no USEPA Region 4 value
Mercury	0.012 µg/L	
Nickel	95.68 µg/L	FSWQC equation
Potassium		No value for fresh water; no USEPA Region 4 value
Selenium	5 µg/L	
Silver	0.07 µg/L	
Sodium		No value for fresh water; no USEPA Region 4 value
Thallium	6.3 µg/L	
Vanadium		No value for fresh water; no USEPA Region 4 value
Zinc	64.27 µg/L	FSWQC equation
Gross Alpha	15 pCi/L	Florida MCL
Gross Beta	50 pCi/L	40 CFR 141

[a] Florida Department of Environmental Protection, 1996. *Surface Water Quality Standards (62-302.530)*, December 26, except as noted.

US Environmental Protection Agency, 1995. *Ecological Risk Assessment Bulletin No. 1, Preliminary Risk Evaluation (Draft)*, November.

TABLE A-2

SEDIMENT SCREENING VALUES
OPERABLE UNIT 2
NTC, ORLANDO
PAGE 1 OF 1

Analysis	Threshold Value[a]	Comments
Benzene		No value listed; no USEPA Region 4 value [b]
Ethylbenzene		No value listed; no USEPA Region 4 value
Xylenes (Total)		No value listed; no USEPA Region 4 value
Chlordane	2.26 ug/kg	
Aluminum		No value listed; no USEPA Region 4 value
Antimony	12 mg/kg	USEPA Region 4 value
Arsenic	7.24 mg/kg	
Barium		No value listed; no USEPA Region 4 value
Beryllium		No value listed; no USEPA Region 4 value
Cadmium	0.676 mg/kg	
Calcium		No value listed; no USEPA Region 4 value
Chromium	52.3 mg/kg	
Cobalt		No value listed; no USEPA Region 4 value
Copper	18.7 mg/kg	
Cyanide		No value listed; no USEPA Region 4 value
Iron		No value listed; no USEPA Region 4 value
Lead	30.2 mg/kg	
Magnesium		No value listed; no USEPA Region 4 value
Manganese		No value listed; no USEPA Region 4 value
Mercury	0.13 mg/kg	
Nickel	15.9 mg/kg	
Potassium		No value listed; no USEPA Region 4 value
Selenium		No value listed; no USEPA Region 4 value
Silver	0.733 mg/kg	
Sodium		No value listed; no USEPA Region 4 value
Thallium		No value listed; no USEPA Region 4 value
Vanadium		No value listed; no USEPA Region 4 value
Zinc	124 mg/kg	
Gross Alpha	5 pCi/g	40 CFR 141
Gross Beta	15 pCi/g	40 CFR 141

[a] FDEP (Florida Department of Environmental Protection), 1994. *Approach to the Assessment of Sediment Quality in Florida Coastal Waters.*

[b] USEPA (United States Environmental Protection Agency), 1995. *Ecological Screening Values*, Ecological Risk Assessment Bulletin No. 2, November.

TABLE A-3

SURFACE SOIL SCREENING VALUES[a]
OPERABLE UNIT 2
NTC, ORLANDO
PAGE 1 OF 1

Parameter	Units	Scenario			Comments
		Residential	Industrial	Leaching	
4,4'-DDD	mg/kg	4.5	17	0.2	
4,4'-DDE	mg/kg	3.0	11	0.2	
4,4'-DDT	mg/kg	3.1	12	0.5	
Acetone	mg/kg	260	1,800	1.4	
Alpha-Chlordane	mg/kg	0.8	3.0	2.1	Values for Chlordane used
Aluminum	mg/kg	75,000			
Anthracene	mg/kg	20,000	300,000	890	
Aroclor-1254	mg/kg	1.6	41		Ref.: USEPA Region III RBC Table
Arsenic	mg/kg	0.8	3.7		
Barium	mg/kg	5,200	84,000		
Benzo(a)anthracene	mg/kg	1.4	4.9	29	
Benzo(a)pyrene	mg/kg	0.1	0.5	3.7	
Benzo(b)fluoranthene	mg/kg	1.4	5.0	71	
Benzo(g,h,i)perylene	mg/kg	14	50	320	
Benzo(k)fluoranthene	mg/kg	14	48	44	
Cadmium	mg/kg	37	600		
Calcium	mg/kg				
Carbon disulfide	mg/kg	5.2	34	2.5	
Chloromethane	mg/kg	0.2	0.3	0.01	
Chromium	mg/kg	66,000	540,000		
Chrysene	mg/kg	140	500	31	
Cobalt	mg/kg	4,700	110,000		
Copper	mg/kg	270,000	1,000,000		Ref.: USEPA Region III RBC Table
Dibenzo(a,h)anthracene	mg/kg	0.1	0.5	7.2	
Dieldrin	mg/kg	0.07	0.3	0.02	
Endosulfan II	mg/kg	390	5,900	0.7	
Endrin	mg/kg	23	470	0.4	
Endrin ketone	mg/kg				
Fluoranthene	mg/kg	2,900	48,000	280	
Gamma-Chlordane	mg/kg	0.8	3.0	2.1	Values for Chlordane used
Heptachlor	mg/kg	0.2	0.5	0.06	
Heptachlor epoxide	mg/kg	0.1	0.3	0.03	
Indeno(1,2,3-CD)pyrene	mg/kg	1.4	5.0	17	
Iron	mg/kg	23,000	610,000		Ref.: USEPA Region III RBC Table
Lead	mg/kg	500	1,000		
Magnesium	mg/kg				
Manganese	mg/kg	370	5,500		
Mercury	mg/kg	23	480		
Methoxychlor	mg/kg	380	7,800	62	
Methylene chloride	mg/kg	16	23	0.01	
Nickel	mg/kg	1,500	26,000		
OCDD[b]	mg/kg	0.0043	0.038		Ref.: USEPA Region III RBC Table
Pentachlorophenol	mg/kg	5.4	12	0.01	
Phenanthrene	mg/kg	1,700	21,000	2.8	
Potassium	mg/kg				
Pyrene	mg/kg	2,200	41,000	290	
Selenium	mg/kg	390	9,900		
Silver	mg/kg	390	9,000		
Sodium	mg/kg				
Tetrachloroethene	mg/kg	12	28	0.03	
Thallium	mg/kg				
Toluene	mg/kg	520	3,500	0.2	
Vanadium	mg/kg	490	4,800		
Xylenes, total	mg/kg	13,000	92,000	0.1	
Zinc	mg/kg	23,000	560,000		
Gross Alpha	pCi/kg	5	5	5	
Gross Beta	pCi/kg	15	15	15	

[a] All values are from the Florida Department of Environmental Protection, 1995. *Soil Cleanup Goals for Florida*, September 29, except as noted.

[b] In order to establish an RBC screening level for OCDD, the toxicity equivalence factor of 0.001 for OCDD relative to 2,3,7,8-TCDD was used to determine the appropriate industrial and residential screening criteria.

Blank values indicate that no value has been established for that scenario.

U.S. Environmental Protection Agency, 1997. *EPA Region III Risk-Based Concentration Table*, October 22.

APPENDIX B

SOIL ORGANIC VAPOR SURVEY

W. L. GORE & ASSOCIATES, INC.

101 LEWISVILLE ROAD • P.O. BOX 1100 • ELKTON, MARYLAND 21922-1100 PHONE: 410/392-3300
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ENVIRONMENTAL PRODUCTS GROUP

GORE-SORBER® Screening Survey
Final Report

Naval Training Center
Orlando, FL

September 16, 1997

Prepared For:
Brown & Root Environmental
800 Oak Ridge Turnpike, Suite A-600
Oak Ridge, TN 37830

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Rev 10/25/96

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GORE-SORBER® Screening Survey
Final Report

REPORT DATE: September 16, 1997 **AUTHOR:** RFF

SITE INFORMATION

Site Reference: Naval Training Center, Orlando, FL
Customer Purchase Order Number: GCSH-0024-S97503
Gore Production Order Number: 073726 **Gore Site Code:** ADR

FIELD PROCEDURES

 # Modules shipped: 183
Installation Date(s): July 2 and 3, 1997 **# Modules Installed:** 182
Field work performed by: Brown & Root Environmental

Retrieval date(s): July 16 and 17, 1997 **Exposure Time:** 14 **[days]**
 # Modules Retrieved: 163 **# Trip Blanks Returned:** 1
 # Modules Lost in Field: 19 **# Unused Modules Returned:** 0

Date/Time Received by Gore: July 18, 1997, 1:30 PM **By:** CJ Fondren
Recorded Cooler/Water Temperature Control Blank temperature: Cooler #1: 1.1, cooler #2: 3.3, and cooler #3: 3.1 **[°C]**
Chain of Custody Form attached: √
Chain of Custody discrepancies: None
Comments: None

GORE-SORBER® Screening Survey
Final Report

ANALYTICAL PROCEDURES

W.L. Gore & Associates' Screening Module Laboratory operates under the guidelines of its Quality Assurance Manual, Operating Procedures and Methods. The quality assurance program is consistent with Good Laboratory Practices (GLP) and ISO Guide 25, "General Requirements for the Competence of Calibration and Testing Laboratories", third edition, 1990. The Laboratory is audited regularly by a quality system design, development and auditing company.

Instrumentation consists of state of the art gas chromatographs equipped with mass selective detectors, coupled with automated thermal desorption units. Sample preparation simply involves cutting the tip off the bottom of the sample module and transferring one or more exposed sorbent containers (sorbers, each containing 40mg of a suitable granular adsorbent) to a thermal desorption tube for analysis. Sorbers remain clean and protected from dirt, soil, and ground water by the insertion/retrieval cord, and require no further sample preparation. Samples remain frozen until analysis and unanalyzed sorbers are archived in the freezer for potential future analysis.

Analytical Method Quality Assurance:
The analytical method employed is a modified EPA method 8240B/8270B. Before each run sequence, two instrument blanks, a sorber containing 5µg BFB (Bromofluorobenzene), and a method blank are analyzed. The BFB mass spectra must meet the criteria set forth in the method before samples can be analyzed. A method blank and a sorber containing BFB is also analyzed after every 30 samples and/or trip blanks. Standards containing the selected target compounds at three calibration levels of 5, 20, and 50µg are analyzed at the beginning of each run. The criterion for each target compound is less than 35% RSD (relative standard deviation). If this criterion is not met for any target compound, the analyst has the option of generating second- or third-order standard curves, as appropriate. A second-source reference standard, at a level of 20µg per target compound, is analyzed after every ten samples and/or trip blanks, and at the end of the run sequence. Positive identification of target compounds is determined by 1) the presence of the target ion and at least two secondary ions; 2) retention time versus reference standard; and, 3) the analyst's judgment.

NOTE: All data have been archived. Any replicate sorbers not used in the initial analysis will be discarded fifteen (15) days from the date of analysis.

Laboratory analysis: thermal desorption, gas chromatography, mass selective detection
Quality Assurance Level: 2 (ANA-4/A1)
Instrument ID: # 5 **Chemist:** JW **Data Subdirectory:** 073726
Compounds/mixtures requested: Custom Target Compounds (A7)
Deviations from Standard Method: None
Comments: Soil vapor analytes and abbreviations are tabulated in the Data Table Key (page 6).

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GORE-SORBER® Screening Survey
Final Report

DATA TABULATION

 # CONTOUR MAPS ENCLOSED: Five (5) B-sized color contour maps
LIST OF MAPS ENCLOSED:

- Benzene, Toluene, Ethyl benzene, and total Xylenes (BTEX)
- Benzene
- Tetrachloroethene (PCE)
- Chloroform (CHCl3)
- Chlorobenzene (CB)

Compound Name	Method Detection Limit [µg]	Low Map (gray) Limit [µg]	Highest Detect Level [µg]	Upper Map (purple) Limit [µg]
BTEX	0.02	0.09	255.83	255.83
Benzene	0.03	0.03	162.78	162.78
PCE	0.02	0.02	6.68	6.68
CHCl3	0.01	0.01	0.39	0.39
CB	0.01	0.01	237.15	237.15

NOTE: All data values presented in Appendix A represent masses of compound(s) desorbed from the GORE-SORBER Screening Modules received and analyzed by W.L. Gore, as identified in the Chain of Custody (Appendix A). The measurement traceability and instrument performance are reproducible and accurate for the measurement process documented. Semi-quantitation of the compound mass is based on either a single-level (QA Level 1) or three-level (QA Level 2) standard calibration.

Comments:

General

- Soil gas signals reported by this method cannot be identified specifically to soil, groundwater, and/or free-product contamination. Vapors can evolve from all sources and will contribute to the soil gas signals observed on the modules.
- The soil gas survey reports mass levels present in the vapor phase. Vapors are subject to a variety of attenuation factors during migration away from the source concentration to the module. Thus, mass levels reported from the module will often be less than concentrations reported in soil and groundwater matrix data. In most instances, the masses reported on the modules compare favorably with concentrations reported in the soil, groundwater, or both (e.g., where soil gas levels are reported at greater levels relative to other sampled locations on the site, matrix data should reveal the same pattern, and vice versa). However, due to a variety of factors, a perfect comparison between matrix data and soil gas levels can rarely be achieved.
- Target compounds are reported during the analysis of the modules if compound identification criteria are met (see analytical discussion above). Though present in the data table, quantifiable levels reported at less than the method detection limit should be treated with caution.

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Site Specific

- The minimum (gray) contour level, for each mapped analyte or group of analytes, was set at the maximum blank level observed or the MDL, whichever was greater. The maximum contour level was set at the maximum value observed.
- Stacked total ion chromatograms (TIC's) are included in Appendix A. The last three digits of each module number are incorporated into the TIC identification (e.g.: ADR080TC.D represents module #141080).
- Target compounds have been detected at moderate to high levels at several locations from this survey. BTEX constituents were highest in the area around module locations h2 and h9 with several large (amorphous) areas depicting low to moderate levels as seen on the BTEX color contour map.
- The distribution of benzene is similar with a focused area of high levels at locations h2 and h9.
- The chloroform distribution appears spotty with low to moderate levels in most of the modules.
- Tetrachloroethene was detected in a few modules at moderate levels and in close proximity to each other. These modules appear to be fairly well defined by the existing survey spacing, and appear focused around module locations h7, h8, h13, h14, h17 and h20.
- Chlorobenzene was detected at high levels at module locations h2 and h9 with a few other low level detections.

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GORE-SORBER® Screening Survey
Final Report

KEY TO DATA TABLE
Naval Training Center, Orlando, FL

UNITS

µg	micrograms (per sorber), reported for compounds for which we run external standards.
MDL	method detection limit

ANALYTES

TPH	total petroleum hydrocarbons
BTEX	combined masses of benzene, toluene, ethylbenzene and total xylenes (Gasoline Range Aromatics)
BENZ	benzene
TOL	toluene
EtBENZ	ethylbenzene
mpXYL	m-, p-xylene
oXYL	o-xylene
ct12DCE	cis- & trans-1,2-dichloroethene
t12DCE	trans-1,2-dichloroethene
c12DCE	cis-1,2-dichloroethene
11DCE	1,1-dichloroethene
11DCA	1,1-dichloroethane
$CHCl_3$	chloroform
111TCA	1,1,1-trichloroethane
12DCA	1,2-dichloroethane
CCl_4	carbon tetrachloride
TCE	trichloroethene
112TCA	1,1,2-trichloroethane
PCE	tetrachloroethene
ClBENZ	chlorobenzene
1112TetCE	1,1,1,2-tetrachloroethene
1122TetCE	1,1,2,2-tetrachloroethene
13DCB	1,3-dichlorobenzene
14DCB	1,4-dichlorobenzene
12DCB	1,2-dichlorobenzene

BLANKS

TBn	unexposed trip blanks, which traveled with the exposed modules

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APPENDIX A:

1. CHAIN OF CUSTODY
2. DATA TABLE
3. STACKED TOTAL ION CHROMATOGRAMS
4. COLOR CONTOUR MAPS

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GORE-SORBER® Screening Survey Chain of Custody

For W.L. Gore & Associates use only
Production Order # 73726

W. L. Gore & Associates, Inc., Environmental Products Group
101 Lewisville Road • Elkton, Maryland 21921 • Tel: (410) 392-3300 • Fax (410) 996-3325

Instructions: Customer must complete ALL shaded cells

Customer Name: BROWN + ROOT ENVIRONMENTAL	Site Name: NAVAL TRAINING CENTER
Address: 800 OAK RIDGE TPK	Site Address:
JACKSON PLAZA SUITE A600	ORLANDO FL
OAK RIDGE TN 37830	Project Manager: GARY BRAGANZA
Phone: 423-483-9900	Customer Project No.:
FAX: 423 483 2014	Customer P.O. #: GC3H CC24 S97SC3 Quote #: BK 7526.7

Serial # of Modules Shipped			# of Modules for Installation 175	# of Trip Blanks 5	
# 141016	through	# 141112	Total Modules Shipped: 153		Pieces
# 141118	through	# 141203	Total Modules Received:		Pieces
#	through	#	Total Modules Installed:		Pieces
#	through	#	Serial # of Trip Blanks (*Client Decides*)		# 141177 ✓
#	through	#	#	#	#
#	through	#	#	#	#
#	through	#	#	#	#

Installation Performed By: MELINDA HAMSHER, TERRY PALMER	Installation Method(s) (*circle those that apply*):		
Name (*please print*): JAMES PHILCOX, JASON McCANN	(Slide Hammer)	Hammer Drill	Auger
Company/Affiliation: BRE	Other:		
Installation Start Date and Time: TE 7 / 2 /97	8 : 00 approx	(AM) PM	
Installation Complete Date and Time: 7 / 3 /97	:	AM PM	
Retrieval Performed By:	Total Modules Retrieved:		Pieces
Name (*please print*): GARY BRAGANZA / TERRY PALMER	Total Modules Lost in Field: 19		Pieces
Company/Affiliation: BRE	Total Unused Modules Returned: 0		Pieces
Retrieval Start Date and Time: 7 / 16 /97	8 : 00	(AM) PM	
Retrieval Complete Date and Time: 7 / 17 /97	16 : 00	AM (PM)	

Target Analytes to be Mapped (*Check Options or List as appropriate*):	To Be Determined Pending Completion of Lab Analysis [ ] or write "None", if applicable.	
Analyte #1:	Analyte #2:	Analyte #3:
Other Instructions, if any:		

Relinquished By CJ Tomdun	Date 6/23/97	Time 15:00	Received By:	Date	Time
Affiliation: W.L. Gore & Associates, Inc.			Affiliation:		
Relinquished By Gary Braganza	Date 7/17/97	Time	Received By:	Date	Time
Affiliation: BRE			Affiliation:		
Relinquished By	Date	Time	Received By: CJ Tomdun	Date 7/18/97	Time 1345
Affiliation			Affiliation: W.L. Gore & Associates, Inc.		
			Temperature of Samples When Received By Gore		°C

C3 1.1 C2 3.3 C1 3.1

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FORM

GORE-SORBER® Screening Survey
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NAVAL TRAINING CENTER
ORLANDO FLORIDA

LINE #	MODULE #	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	EVIDENCE OF LIQUID HYDROCARBONS (LPH) or HYDROCARBON ODOR (Check as appropriate)			MODULE IN WATER (check one)		COMMENTS
				LPH	ODOR	NONE	YES	NO	
1.	141108 1	7/2/97 / 8:20	7-16-97 13:02			✓		✓	
2.	141110 1	7-2-97 / 8:30	7-16-97 12:40			✓		✓	
3.	141109 NH	" / 8:40	DID NOT RETRIEVE			✓			~~DUPE~~
4.	141111 1	" 8:50	~~7/16/97 12:50~~ 12:50			✓		✓	~~DUP Not Found~~
5.	141107 1	" 9:00	" 13:17			✓		✓	
6.	141106 1	" 9:10	7-17-97 10:40						
7.	141100 1	" 9:20	" 13:25			✓		✓	
8.	141101 1	" 9:30	" 13:36			✓		✓	
9.	141102 1	" 9:40	" 13:46			✓		✓	
10.	141103 NH	" 9:50	DID NOT RETRIEVE						
11.	141104 1	" 10:00	" 13:45			✓		✓	
12.	141105 1	" 10:10	" 13:49			✓		✓	
13.	141094 1	" 10:20	" 13:53						
14.	141095 1	" 10:30	" 16:05			✓		✓	
15.	141096 1	" 10:40	" 13:57						
16.	141097 1	" 10:50	" 14:13			✓		✓	
17.	141098 1	" 10:55	" 14:16			✓		✓	
18.	141099 1	" 11:00	" 14:19			✓		✓	
19.	141088 3	" 11:15	" 14:25			✓		✓	
20.	141089 3	" 11:25	7-17-97 9:20						
21.	141090 3	" 11:40	" 14:30			✓		✓	
22.	141091 3	" 11:50	" 14:35			✓		✓	
23.	141092 3	" 14:00	" 13:06			✓		✓	
24.	141093 3	" 14:10	" 16:45			✓		✓	
25.	141135 2	" 14:20	" 14:45			✓		✓	
26.	141136 NH	" 14:30	DID NOT RETRIEVE						
27.	141137 2	" 14:40	" 14:50			✓		✓	
28.	141138 NH	" 14:50	DID NOT RETRIEVE						
29.	141139 2	" 15:00	" 15:02			✓		✓	
30.	141140 2	" 15:10	" 14:54			✓		✓	
31.	141129 2	" 15:15	" 16:30			✓		✓	
32.	141130 2	" 15:20	" 14:59			✓		✓	
33.	141131 2	" 15:40	" 15:07			✓		✓	
34.	141132 2	" 15:50	15:43			✓		✓	
35.	141133 2	" 16:00	" 15:32			✓		✓	
36.	141134 2	" 16:05	" 15:20			✓		✓	
37.	141123 1	" 16:15	" 15:55			✓		✓	
38.	141124 2	" 16:30	" 15:50			✓		✓	
39.	141125 NH	" 16:50	DID NOT RETRIEVE						
40.	141126 NH	" 17:20	DID NOT RETRIEVE						
41.	141127 2	" 17:30	" 16:16			✓		✓	
42.	141128 2	" 17:45	" 15:59			✓		✓	

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				LPH	ODOR	NONE	YES	NO	
	141112								
43.	141129	7-2-97/17:50	7-16-97 16:30			✓		✓	
44.	141118	" 18:00	7-17-97 12:20			✓		✓	
45.	141119	" 18:05	7-17-97 12:25			✓		✓	
46.	141036 2	" 8:55	7-16-97 16:55			✓		✓	
47.	141037 2	" 9:02	7-16-97 16:58			✓		✓	
48.	141038 2	" 9:08	7-16-97 17:01			✓		✓	
49.	141039 2	" 9:15	" 17:04			✓		✓	
50.	141040 3	" 9:22	" 17:08			✓		✓	
51.	141035 2	9:27	" 17:11			✓		✓	
52.	141034 2	9:31	" 17:15			✓		✓	
53.	141033 2	9:37	" 17:18			✓		✓	
54.	141032 2	9:42	" 17:22			✓		✓	
55.	141031 2	9:47	" 17:26			✓		✓	
56.	141026 2	10:02	" 17:30			✓		✓	
57.	141027 2	10:06	" 17:34			✓		✓	
58.	141028 2	10:11	" 17:38			✓		✓	
59.	141029 2	10:15	17:42			✓		✓	
60.	141030 2	10:19	" 17:45			✓		✓	
61.	141025 2	10:28	" 17:47			✓		✓	
62.	141024 2	10:31	" 17:50			✓		✓	
63.	141023 2	10:36	" 17:56			✓		✓	
64.	141022 2	10:40	" 18:01			✓		✓	
65.	141021 2	10:45	" 18:05			✓		✓	
66.	141016 2	11:05	7-17-97/8:14			✓		✓	
67.	141017 2	11:09	" 8:16			✓		✓	
68.	141018 2	11:15	" 8:18			✓		✓	
69.	141019 2	11:20	" 8:20			✓		✓	
70.	141020 2	11:25	" 8:22			✓		✓	
71.	141085 3	11:30	" 8:26			✓		✓	
72.	141084 3	11:35	" 8:30			✓		✓	
73.	141083 3	11:40	" 8:34			✓		✓	
74.	141082 3	11:46	" 8:38			✓		✓	
75.	141081 3	11:56	" 8:40			✓		✓	
76.	141076 3	12:15	" 8:42			✓		✓	
77.	141077 3	12:20	" 8:46			✓		✓	
78.	141078 3	12:24	" 8:50			✓		✓	
79.	141079 3	12:28	" 8:55			✓		✓	
80.	141080 3	12:32	" 12:32 9:05			✓		✓	
81.	141075 3	12:42	" 12:42 9:08			✓		✓	
82.	141074 3	12:48	" 12:48 9:10			✓		✓	
83.	141073 3	12:55	" 12:55 9:12			✓		✓	
84.	141072 3	13:00	" 13:00 9:14			✓		✓	
85	141071 3	13:05	" 13:02 9:16			✓		✓	

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				LPH	ODOR	NONE	YES	NO	
86.	141070 3	7-2-97/15:30	7-17-97 9:18			✓		✓	
87.	141069 3	" 15:37	" 9:20			✓		✓	
88.	141068 3	" 15:42	" 9:23			✓		✓	
89.	141067 3	" 15:46	" 9:25			✓		✓	
90.	141066 3	" 15:57	" 9:30			✓		✓	
91.	141065 3	" 16:08	" 9:32			✓		✓	
92.	141064 NH	" 16:15	DID NOT RETRIEVE			✓		✓	
93.	141086 3	" 16:21	7-18-97 9:35			✓		✓	
94.	141087 3	" 16:35	7-17-97 9:37			✓		✓	
95.	141063 NH	" 16:45	DID NOT RETRIEVE					✓	
96.	141062 3	" 16:51	7-17-97 9:38			✓		✓	
97.	141061 3	" 16:57	" 9:40			✓		✓	
98.	141060 3	" 17:04	" 9:50			✓		✓	
99.	141059 3	" 17:18	" 9:55			✓		✓	
100.	141058 3	" 17:25	" 9:59			✓		✓	
101.	141057 3	" 17:32	" 10:01			✓		✓	
102.	141056 3	" 17:17	" 10:03			✓		✓	
103.	141055 3	" 18:03	" 10:05			✓		✓	
104.	141054 3	" 18:30	" 10:07			✓		✓	
105.	141053 NH	" 18:28	DID NOT RETRIEVE					✓	
106.	141052 3	" 18:35	7-17-97 10:09			✓		✓	
107.	141171 2	7/3-97/ 8:20	" 10:11			✓		✓	
108.	141165 2	8:30	" 10:14			✓		✓	
109.	141166 NH	8:35	DID NOT RETRIEVE					✓	
110.	141042 3	8:40	7-17-97 10:16			✓		✓	
111.	141172 2	8:45	" 10:18			✓		✓	
112.	141043 NH	8:50	DID NOT RETRIEVE					✓	
113.	141173 2	8:55	7-17-97 10:20			✓		✓	
114.	141167 2	9:00	" 10:22			✓		✓	
115.	141048 3	9:05	" 10:24			✓		✓	
116.	141174 2	9:10	" 10:27			✓		✓	
117.	141168 2	9:15	" 10:29			✓		✓	
118.	141047 3	9:20	" 10:31			✓		✓	
119.	141170 2	9:30	" 10:34			✓		✓	
120.	141176 NH	9:35	DID NOT RETRIEVE					✓	
121.	141041 3	9:40	7-17-97 10:36			✓		✓	
122.	141169 2	9:45	" 10:38			✓		✓	
123.	141175 2	9:55	" 10:41			✓		✓	
124.	141046 NH	10:00	DID NOT RETRIEVE					✓	
125.	141044 NH	10:05	DID NOT RETRIEVE					✓	
126.	141049 3	10:10	7-17-97 10:43			✓		✓	
127.	141050 3	10:15	" 10:46			✓		✓	
128.	141045 3	10:30	" 10:48			✓		✓	

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				LPH	ODOR	NONE	YES	NO	
129.	141051 3	7-3-97 10:35	7-17-97 10:50			✓		✓	
130.	141189 3	" 10:40	" 10:52			✓		✓	
131.	141190 3	" 10:45	" 10:54			✓		✓	
132.	141201 3	" 10:50	" 10:56			✓		✓	
133.	141195 3	" 10:55	" 10:59			✓		✓	
134.	141191 3	" 11:00	" 11:01			✓		✓	
135.	141197NH	" 11:05	DID NOT RETRIEVE						
136.	141196 3	" 11:10	7-17-97 11:03			✓		✓	
137.	141202 3	" 11:15	" 11:05			✓		✓	
138.	141192 3	" 11:40	" 11:07			✓		✓	
139.	141198 3	" 11:45	" 11:09			✓		✓	
140.	141203 3	" 11:50	" 11:11			✓		✓	
141.	141121 3	" 11:55	" 11:14			✓		✓	
142.	141193 3	" 12:00	" 11:16			✓		✓	
143.	141199 3	" 12:05	" 11:18			✓		✓	
144.	141200 3	" 12:10	" 11:22			✓		✓	
145.	141122 3	" 12:15	" 11:24			✓		✓	
146.	141194 3	" 12:20	" 11:27			✓		✓	
147.	141160 2	" 17:25	" 11:29			✓		✓	
148.	141120 3	" 17 30	11:32			✓		✓	
149.	141141 2	" 17:35	" 11:35			✓		✓	
150.	141144 2	" 17:40	" 11:37			✓		✓	
151.	141146 2	" 17:45	" 11:39			✓		✓	
152.	141161 2	" 17:50	" 11:40			✓		✓	
153.	141162 2	" 17:55	" 11:41			✓		✓	
154.	141153 2	" 18:16	" 11:43			✓		✓	
155.	141159 2	" 18:19	" 11:45			✓		✓	
156.	141143 2	" 18:25	" 11:47			✓		✓	
157.	141151 2	" 18:31	" 11:49			✓		✓	
158.	141156 2	" 18:40	" 11:51			✓		✓	
159.	141142 2	" 18:48	" 11:53			✓		✓	
160.	141147 2	" 18:52	" 11:55			✓		✓	
161.	141155 2	" 19:00	" 11:57			✓		✓	
162.	141149 2	" 19:02	" 11:59			✓		✓	
163.	141152 2	" 19:15	" 12:01			✓		✓	
164.	141157NH	" 19 27	DID NOT RETRIEVE						
165.	141163 2	" 19 31	7-17-97 12:03			✓		✓	
166.	141148 2	" 19 34	" 12:05			✓		✓	
167.	141154 2	" 19:40	" 12:07			✓		✓	
168.	141150 2	" 19:44	" 12:09			✓		✓	
169.	141145 2	" 20:01	" 12:12			✓		✓	
170.	141158 2	" 20:07	" 12:14			✓		✓	
171.	141164 2	" 20:12	" 12:16			✓		✓	

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				LPH	ODOR	NONE	YES	NO	
172.	141188 3	7-3-97 13:55	7-17-97 12:18			✓		✓	
173.	141187 3	" 14:05	" 12:20			✓		✓	
174.	141186 3	" 14:10	" 12:22			✓		✓	
175.	141185 NH	" 14:20	DID NOT RETRIEVE						
176.	141184 3	" 14:25	7-17-97 12:24			✓		✓	
177.	141183 3	" 14:30	" 12:30			✓		✓	
178.	141182 3	" 14:33	" 12:32			✓		✓	
179.	141181 2	" 14:37	" 12:36			✓		✓	
180.	141180 NH	" 14:40	DID NOT RETRIEVE						
181.	141179 2	" 14:59	7-17-97 12:39			✓		✓	
182.	141178 NH	" 15:15	DID NOT RETRIEVE						
183.	141177 1								BLANK
184.									
185.	Note 141112 Not noted, but returned and								
186.	appears to have been deployed								
187.						7/25/97			
188.									
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FORM SR-2

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

DATE ANALYZED	Map Designation	MODULE NUMBER	TPH, est.ug.	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		MDL=		0.02	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.02	0.01	0.05	0.01
07/23/97	h16	141016	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h17	141017	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h18	141018	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h19	141019	0.08	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07/23/97	h20	141020	0.11	0.10	0.00	0.08	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h21	141021	0.16	0.79	0.00	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07/23/97	h22	141022	0.23	0.53	0.00	0.52	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h23	141023	232.19	2.64	0.00	2.39	0.03	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h24	141024	0.45	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
07/23/97	h25	141025	30.59	0.42	0.00	0.39	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h26	141026	0.15	1.70	0.00	1.66	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07/23/97	h27	141027	2.41	0.15	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/23/97	h28	141028	0.03	0.39	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h29	141029	0.04	1.10	0.00	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h30	141030	0.03	0.41	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h31	141031	0.15	1.92	0.00	1.87	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h32	141032	0.21	0.82	0.00	0.80	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h33	141033	0.02	0.68	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h34	141034	0.06	0.48	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/23/97	h35	141035	0.01	0.37	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h36	141036	1.03	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h37	141037	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h38	141038	9.52	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/23/97	h39	141039	0.00	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
07/23/97	h40	141040	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g121	141042	0.08	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g162	141045	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g134	141047	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g128	141048	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g166	141049	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g164	141050	5.29	0.05	0.00	0.00	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g160	141051	0.14	0.14	0.05	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s151	141052	16.26	0.40	0.00	0.26	0.03	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.07
07/24/97	s159	141054	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s158	141055	1.27	0.09	0.00	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s157	141056	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s154	141057	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/24/97	s129	141058	36.97	1.49	0.00	1.46	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s128	141059	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s127	141060	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/24/97	s126	141061	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/24/97	s125	141062	15.83	0.08	0.00	0.06	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

DATE ANALYZED	Map Designation	MODULE NUMBER	TPH, est.ug.	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		MDL=		0.02	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.02	0.01	0.05	0.01
07/24/97	s135	141065	0.21	0.23	0.08	0.10	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s137	141066	0.24	0.14	0.05	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s138	141067	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
07/24/97	s139	141068	142.77	0.28	0.09	0.04	0.07	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s155	141069	0.50	0.06	0.00	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s156	141070	2.70	0.13	0.00	0.09	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	h1	141071	8.97	0.25	0.00	0.13	0.00	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	h2	141072	717.58	255.83	15.70	108.95	24.66	78.38	28.14	0.30	0.07	0.23	0.04	0.00	0.39
07/24/97	h3	141073	113.39	0.60	0.25	0.05	0.04	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h4	141074	0.38	0.17	0.08	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h5	141075	0.87	0.12	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h6	141076	0.01	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h7	141077	4.34	0.12	0.05	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h8	141078	0.30	0.12	0.06	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h9	141079	1111.69	173.50	162.78	0.97	9.12	0.41	0.22	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h10	141080	2.53	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h11	141081	0.09	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h12	141082	0.14	0.21	0.09	0.09	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h13	141083	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/23/97	h14	141084	0.20	0.08	0.06	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.08
07/23/97	h15	141085	0.28	0.38	0.24	0.10	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s133	141086	704.86	5.08	0.16	1.03	2.46	0.71	0.72	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s123	141087	0.45	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s132	141088	0.04	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/22/97	s122	141089	4.58	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s121	141090	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s111	141091	0.11	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s22	141092	0.03	0.20	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07/22/97	s31	141093	61.88	0.15	0.02	0.04	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s100	141094	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s110	141095	0.08	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
07/22/97	s120	141096	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s130	141097	0.03	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s140	141098	0.03	0.24	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s131	141099	0.02	0.45	0.00	0.42	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s40	141100	0.41	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s50	141101	0.16	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s60	141102	0.10	0.66	0.00	0.62	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/22/97	s80	141104	0.18	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
07/22/97	s90	141105	0.03	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
07/22/97	s30	141106	0.03	0.17	0.17	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00
07/22/97	s20	141107	0.02	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

DATE ANALYZED	Map Designation	MODULE NUMBER	TPH, est.ug.	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		MDL=		0.02	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.02	0.01	0.05	0.01
07/22/97	s12	141108	147.81	0.11	0.00	0.07	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s21	141110	152.15	1.31	0.51	0.04	0.66	0.07	0.03	0.04	0.00	0.04	0.00	0.00	0.00
07/22/97	s10	141111	0.39	0.48	0.00	0.45	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/26/97	s113	141112	0.06	0.12	0.00	0.08	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	s114	141118	0.17	0.18	0.00	0.10	0.00	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.04
07/23/97	s115	141119	1.29	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/25/97	g2	141120	0.11	0.14	0.00	0.11	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g22	141121	0.05	0.16	0.00	0.13	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g30	141122	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	s103	141123	0.12	0.45	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/23/97	s102	141124	0.10	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
07/23/97	s91	141127	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	s112	141128	0.04	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
07/22/97	s71	141129	0.73	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s72	141130	0.09	0.29	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
07/23/97	s83	141131	0.03	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
07/23/97	s82	141132	0.14	0.90	0.00	0.87	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.17
07/23/97	s92	141133	0.16	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
07/23/97	s93	141134	0.02	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
07/22/97	s32	141135	16.24	0.39	0.00	0.34	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.23
07/22/97	s51	141137	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/22/97	s52	141139	0.04	0.17	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
07/22/97	s62	141140	11.84	0.30	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g4	141141	0.03	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g44	141142	0.05	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g38	141143	0.12	0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g6	141144	0.05	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
07/25/97	g102	141145	0.03	0.31	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g8	141146	0.03	0.16	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/25/97	g46	141147	0.07	0.15	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07/25/97	g58	141148	0.17	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g50	141149	2.99	0.19	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/25/97	g105	141150	0.05	0.26	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
07/25/97	g40	141151	0.05	0.22	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g52	141152	0.24	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/25/97	g34	141153	0.06	0.32	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g60	141154	0.18	0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g48	141155	0.24	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g42	141156	0.01	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g36	141159	0.04	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g1	141160	0.06	0.23	0.00	0.21	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g10	141161	0.14	0.29	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

DATE ANALYZED	Map Designation	MODULE NUMBER	TPH, est.ug.	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		MDL=		0.02	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.02	0.01	0.05	0.01
07/25/97	g12	141162	0.04	0.27	0.00	0.25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07/25/97	g56	141163	0.01	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g107	141164	0.96	0.42	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g118	141165	14.52	0.10	0.00	0.07	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.01
07/24/97	g126	141167	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g132	141168	0.18	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g142	141169	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g136	141170	14.90	0.06	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g119	141171	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g122	141172	0.17	0.10	0.00	0.06	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g124	141173	0.24	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g130	141174	1.70	0.21	0.08	0.04	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g144	141175	0.09	0.09	0.00	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/26/97	s104	141179	0.11	0.16	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/26/97	s117	141181	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	s118	141182	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	s119	141183	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	s153	141184	4.78	0.08	0.00	0.06	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02
07/25/97	s109	141186	1.54	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/25/97	s152	141187	26.59	0.21	0.06	0.11	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.03
07/25/97	s99	141188	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/25/97	g158	141189	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g156	141190	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/25/97	g150	141191	0.04	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g16	141192	0.25	0.31	0.12	0.14	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g24	141193	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g32	141194	0.03	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g152	141195	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g146	141196	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g18	141198	11.15	0.24	0.04	0.17	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g26	141199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g28	141200	0.05	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g154	141201	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/25/97	g14	141202	0.13	0.22	0.05	0.14	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g20	141203	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/26/97		TB1 - 141177	0.04	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			TPH, est.ug.	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		Maximum	1111.69	255.83	162.78	108.95	24.66	78.38	28.14	0.30	0.07	0.23	0.04	0.00	0.39
		Standard Dev.	120.04	24.27	12.88	8.58	2.08	6.18	2.22	0.02	0.01	0.02	0.00	0.00	0.06
		Mean	22.70	2.91	1.13	0.86	0.23	0.51	0.18	0.00	0.00	0.00	0.00	0.00	0.03

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

MODULE NUMBER	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	ClBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
MDL=	0.02	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02
141016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141017	0.00	0.00	0.00	0.00	0.00	5.68	0.00	0.00	0.00	0.00	0.00	0.00
141018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141019	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
141020	0.00	0.00	0.00	0.00	0.00	6.68	0.00	0.00	0.00	0.00	0.00	0.00
141021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141023	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
141024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141035	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141037	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141038	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141039	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141040	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141042	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141045	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141047	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141048	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141049	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141051	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141052	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141054	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141055	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141056	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141057	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141058	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141059	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141060	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141061	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141062	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

MODULE NUMBER	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	ClBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
MDL=	0.02	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02
141065	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141066	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141067	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141068	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.15	0.01
141069	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141070	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141071	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141072	0.00	0.12	0.00	0.33	0.00	0.03	20.12	0.00	0.00	0.07	3.23	1.03
141073	0.00	0.00	0.00	0.00	0.00	0.00	2.31	0.00	0.00	0.00	0.80	0.00
141074	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00
141075	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
141076	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
141077	0.00	0.00	0.00	0.00	0.00	3.34	0.00	0.00	0.00	0.00	0.00	0.00
141078	0.00	0.00	0.00	0.00	0.00	2.73	0.00	0.00	0.00	0.00	0.00	0.00
141079	0.00	0.00	0.00	0.04	0.00	0.00	237.15	0.00	0.00	0.00	2.68	0.00
141080	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
141081	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141082	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
141083	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00
141084	0.96	0.00	0.00	1.43	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.00
141085	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
141086	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
141087	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141088	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141089	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
141090	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141091	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141092	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141093	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.00
141094	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141095	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141096	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141097	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141098	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141099	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141106	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00
141107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

MODULE NUMBER	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	ClBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
MDL=	0.02	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02
141108	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.00
141110	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	0.04	2.62	0.30
141111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141119	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00
141120	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141133	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
141134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141140	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
141141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141149	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
141150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141155	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
141156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

MODULE NUMBER	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	CIBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
MDL=	0.02	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02
141162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141181	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141182	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141183	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141184	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141186	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141187	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141188	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141189	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141191	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141192	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141193	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141194	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141195	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141196	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141198	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141201	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141202	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TB1 - 141177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	CIBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
Maximum	0.96	0.12	0.00	1.43	0.00	6.68	237.15	0.00	0.01	0.07	3.23	1.03
Standard Dev.	0.08	0.01	0.00	0.12	0.00	0.77	18.75	0.00	0.00	0.01	0.39	0.08
Mean	0.01	0.00	0.00	0.01	0.00	0.13	1.63	0.00	0.00	0.00	0.06	0.01

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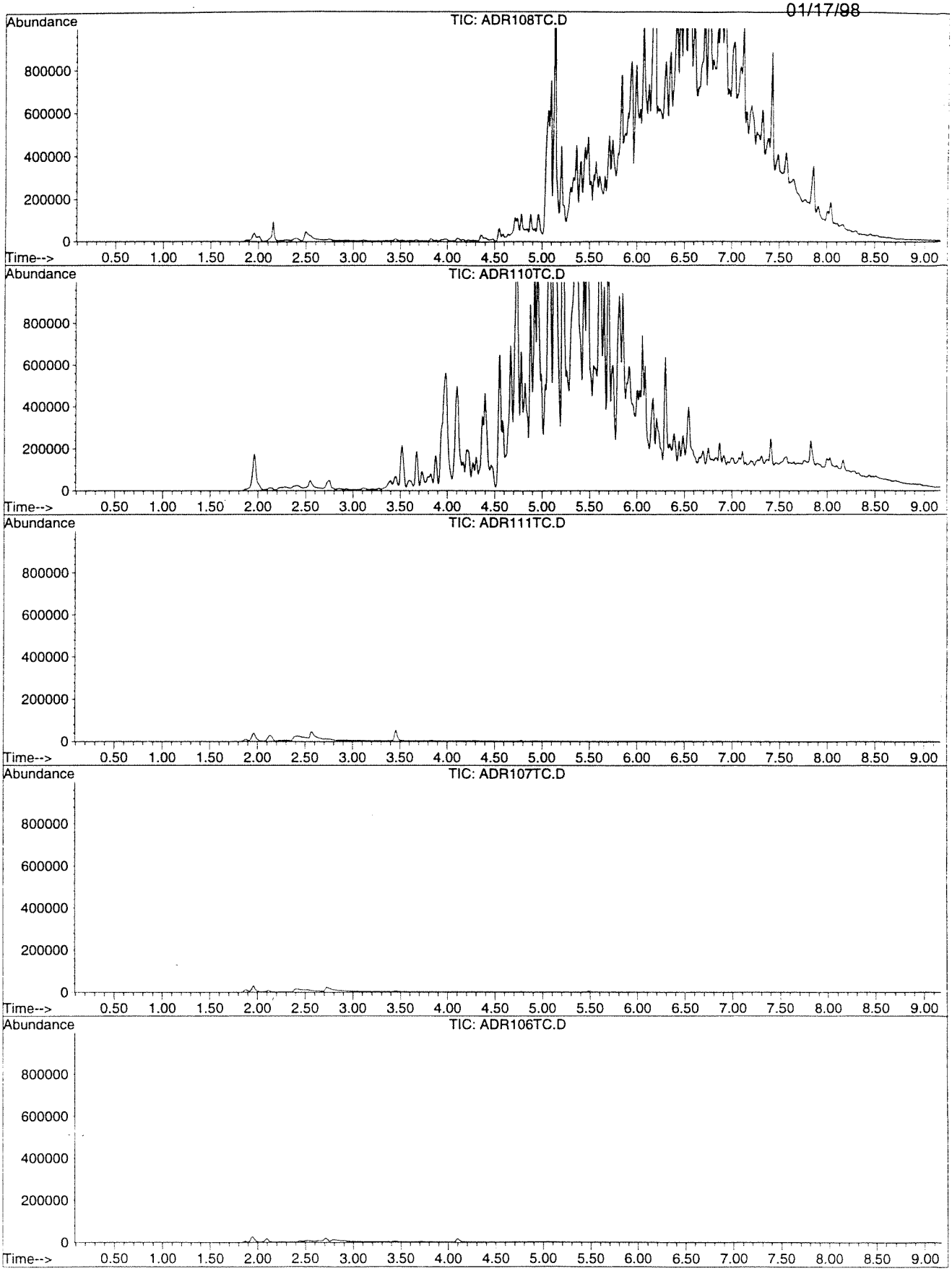

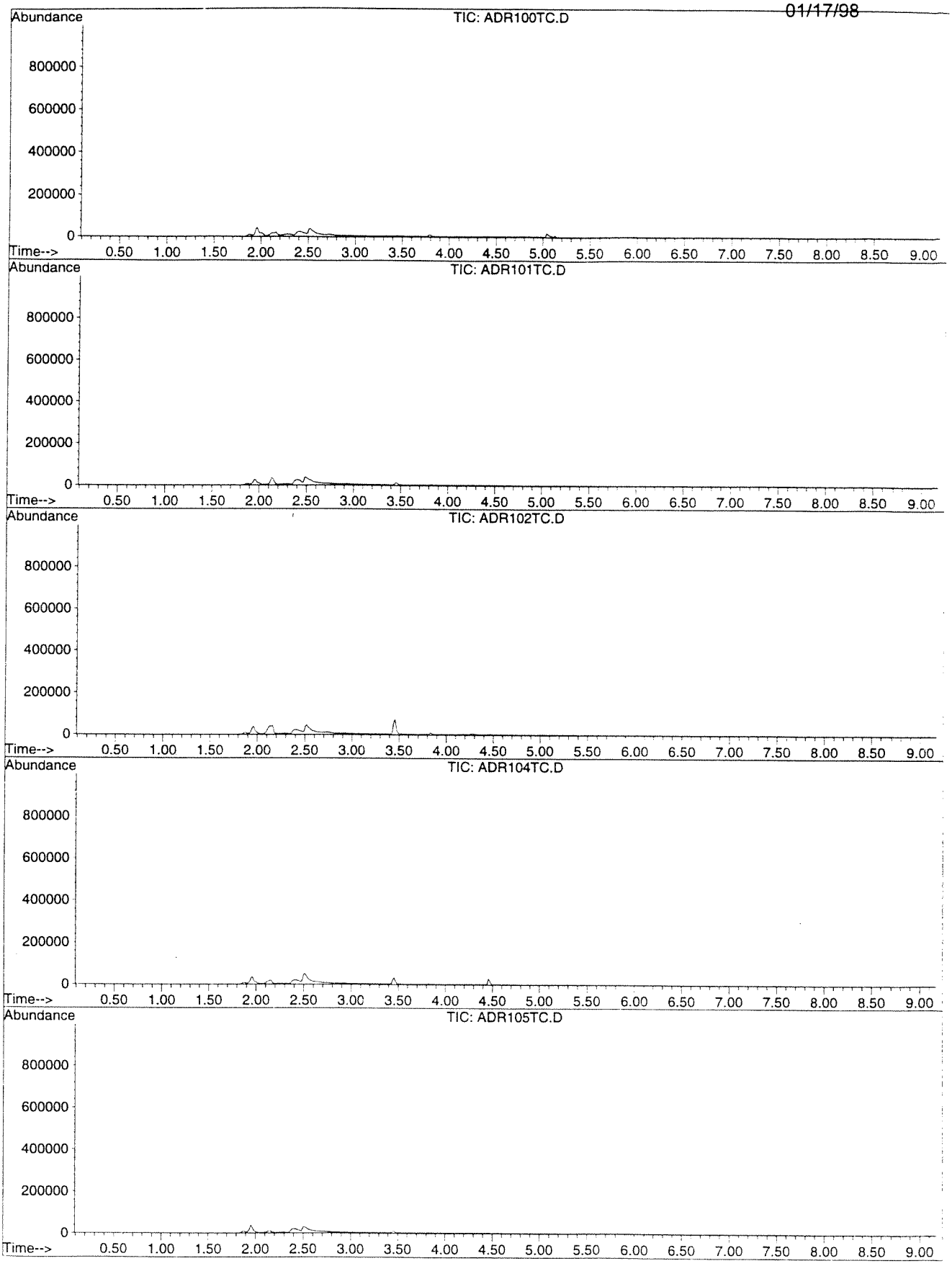
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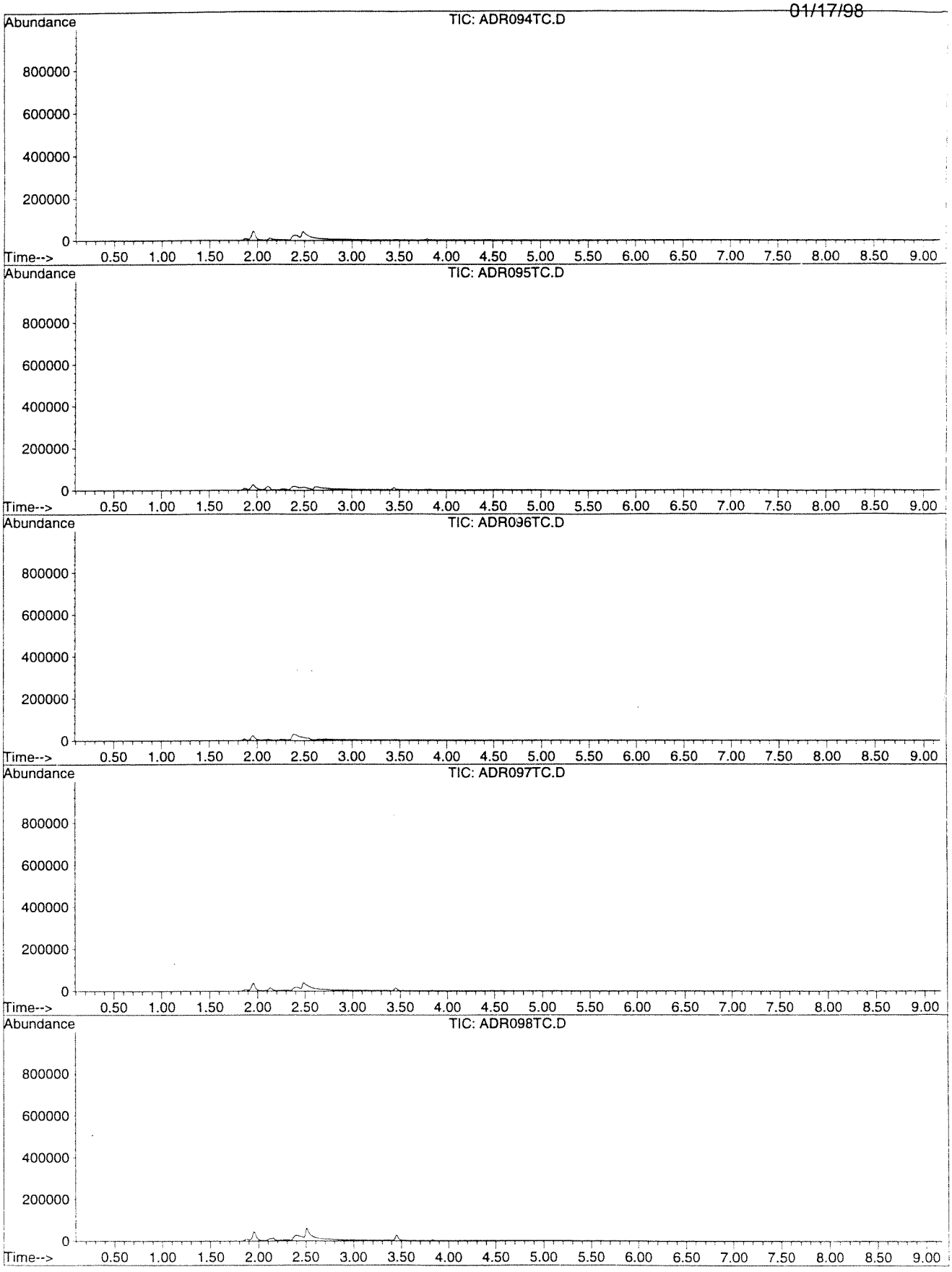
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TIC - SITE ADR - PRODUCTION ORDER #073726
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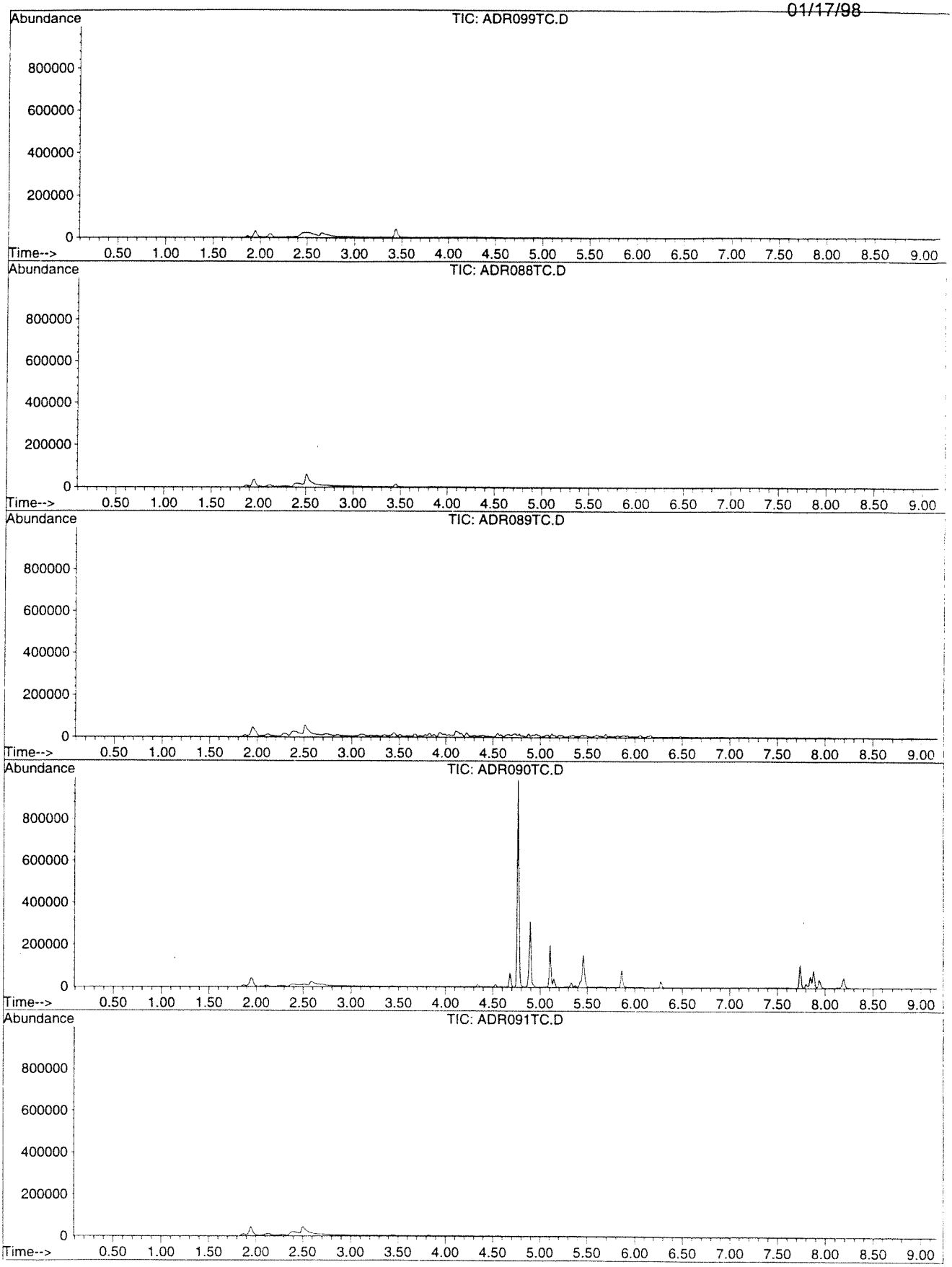

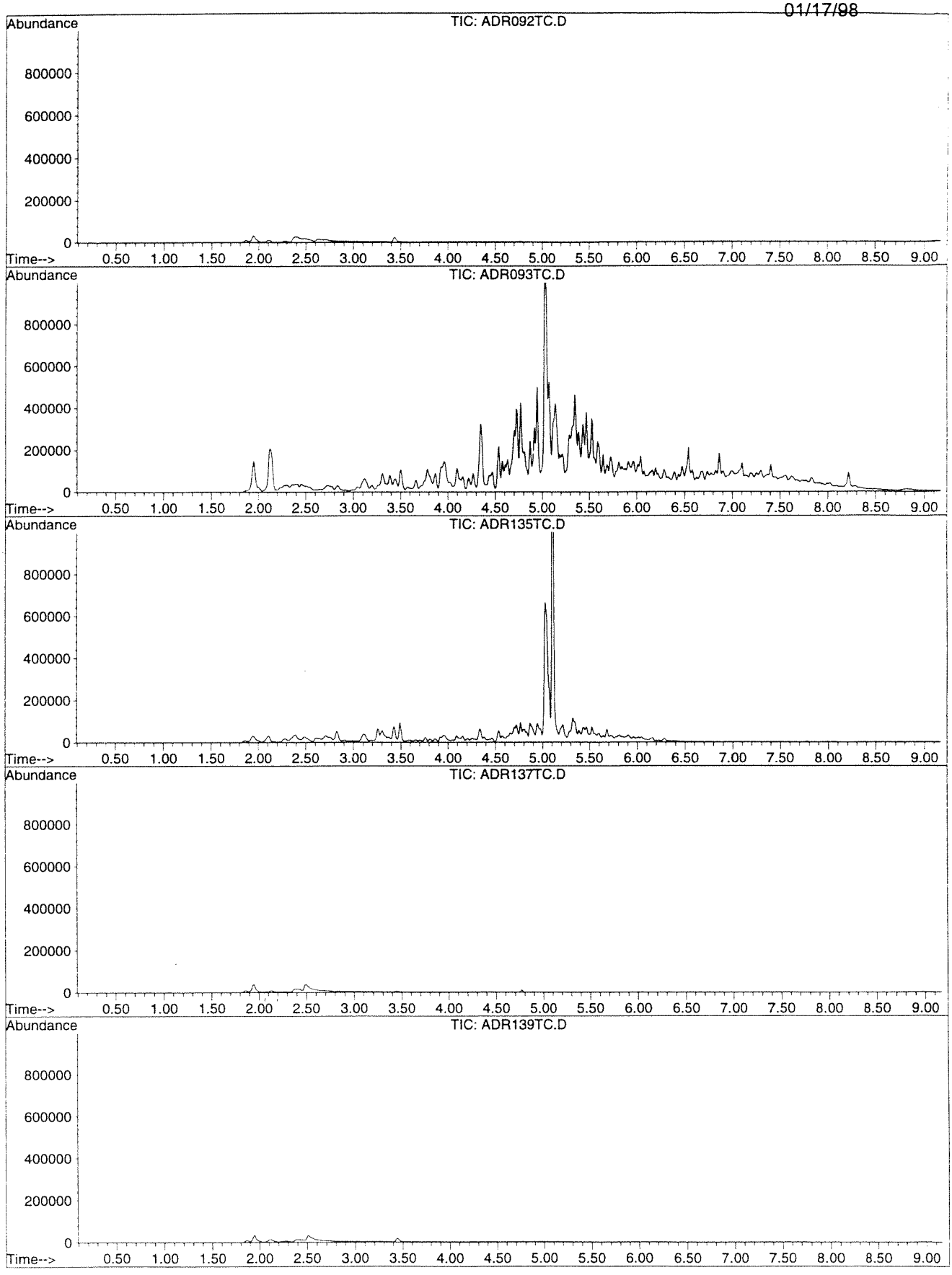
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TIC - SITE ADR - PRODUCTION ORDER #073726
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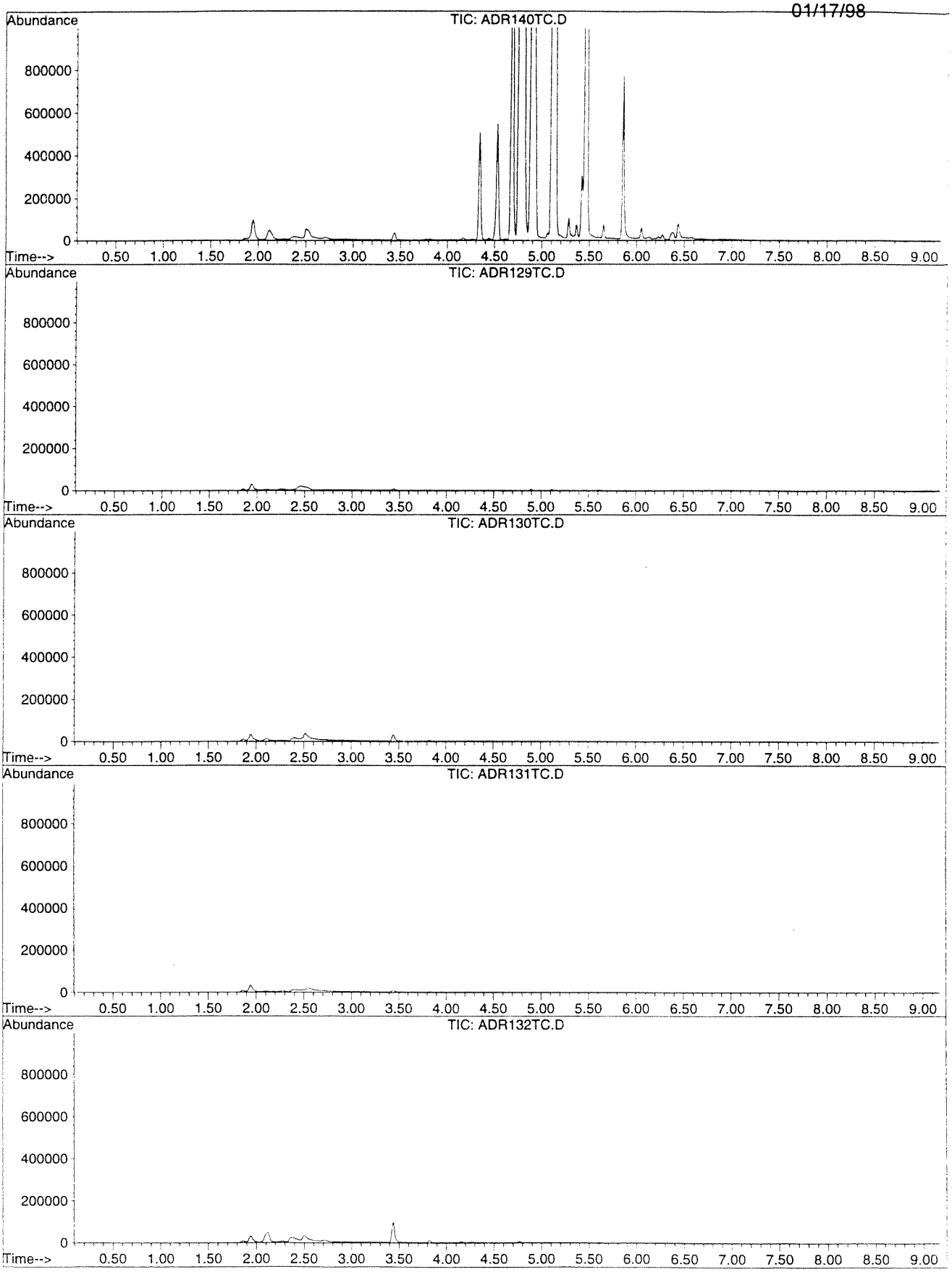

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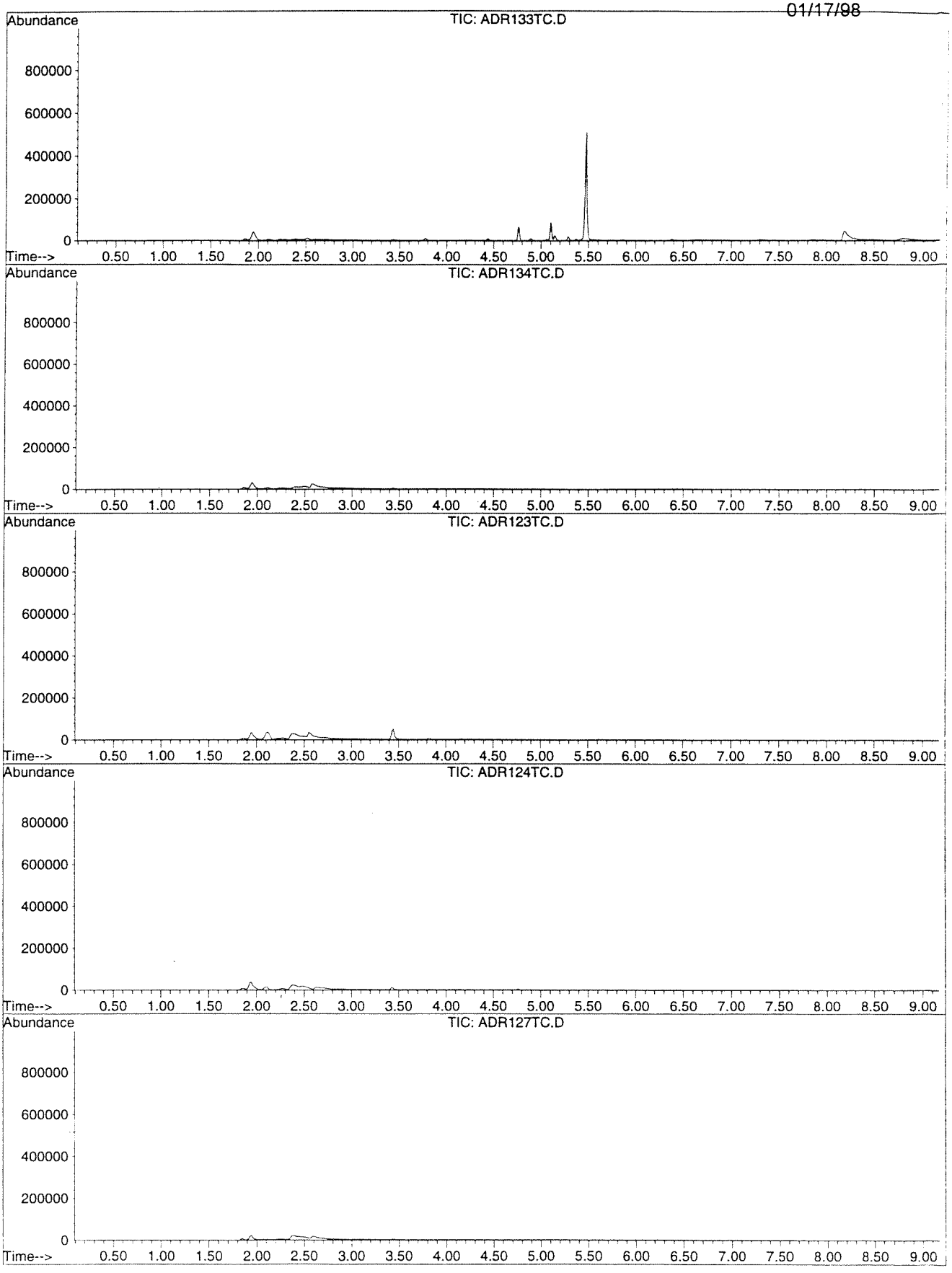

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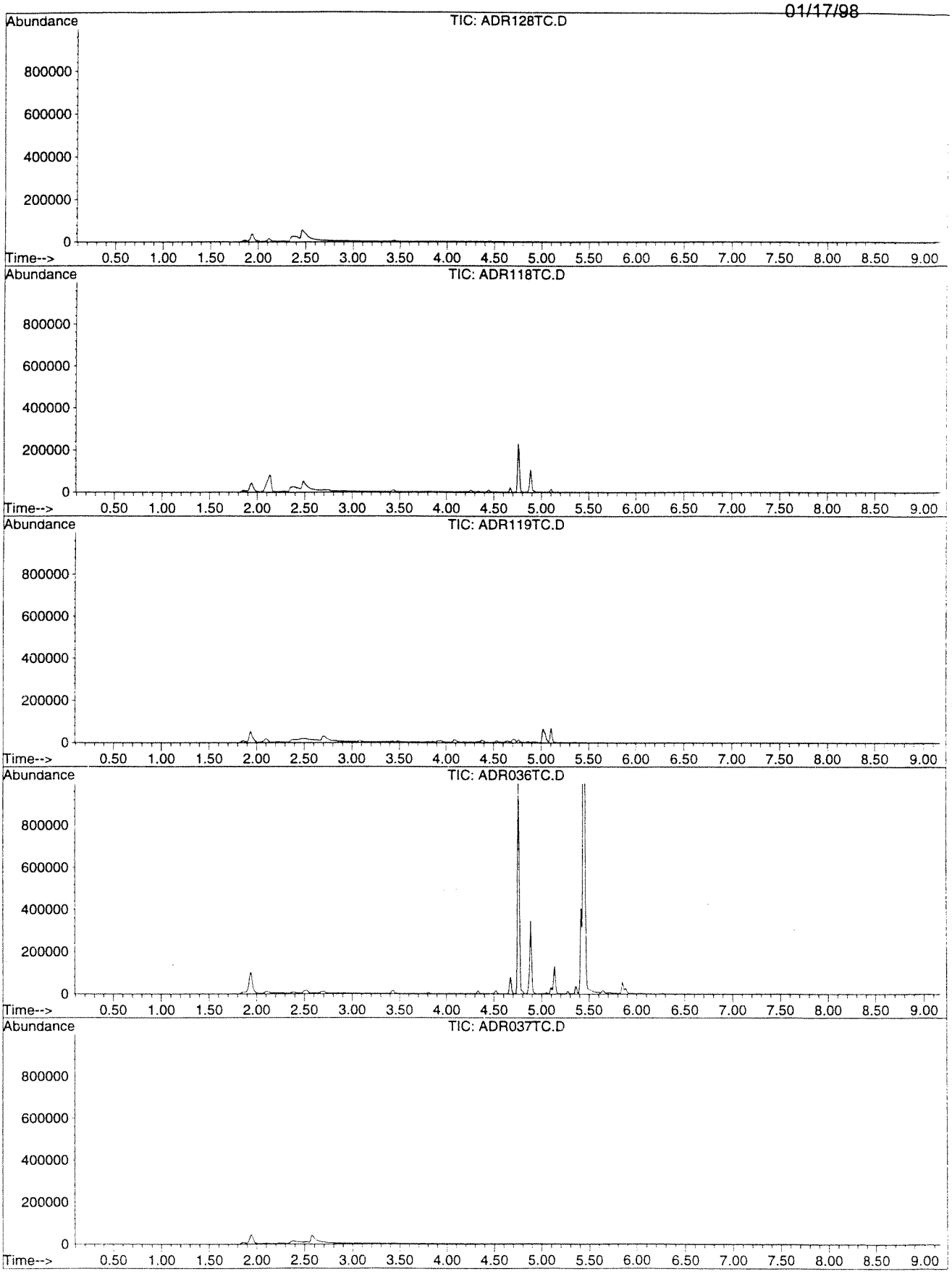

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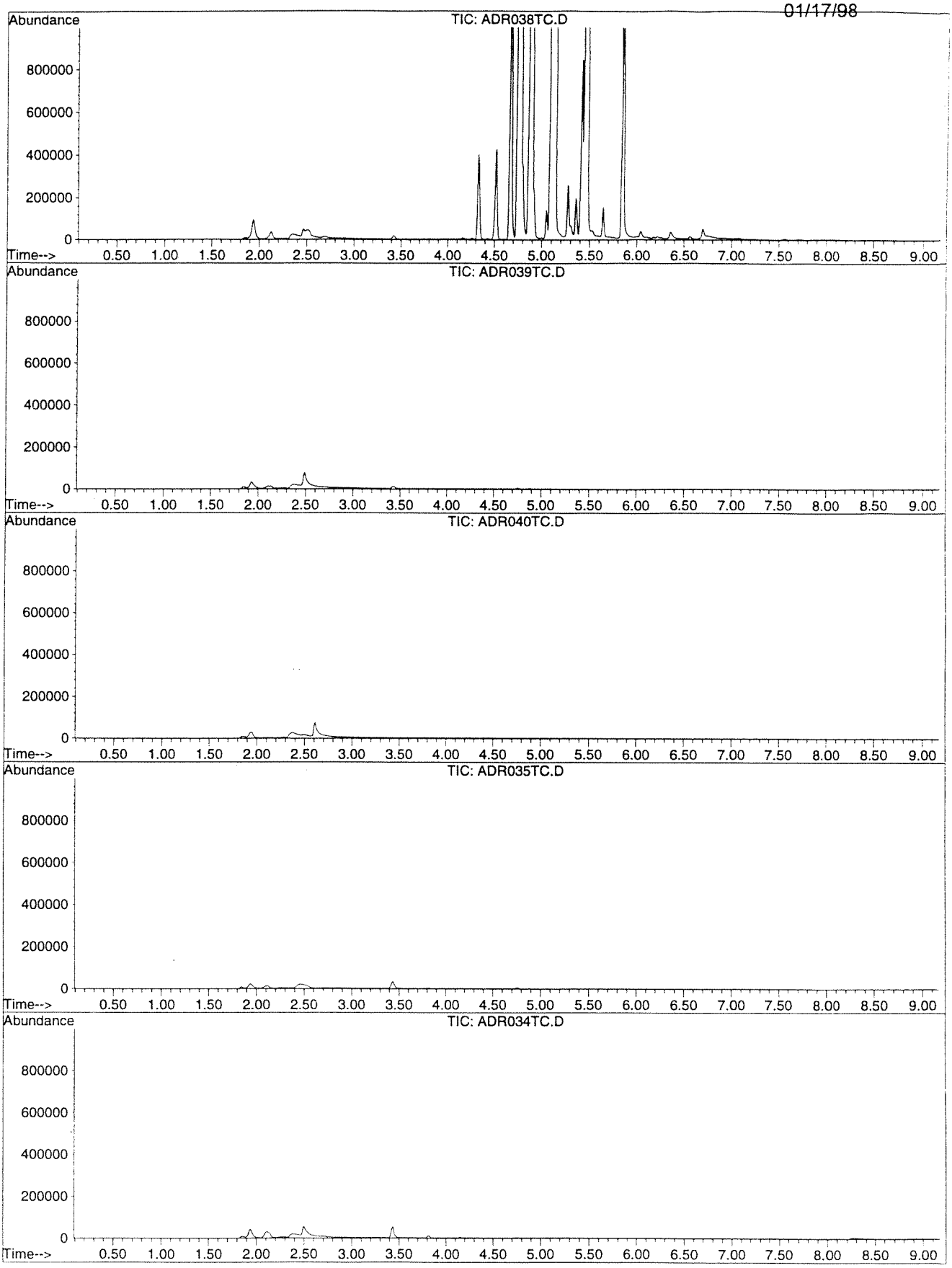

TIC - SITE ADR - PRODUCTION ORDER #073726
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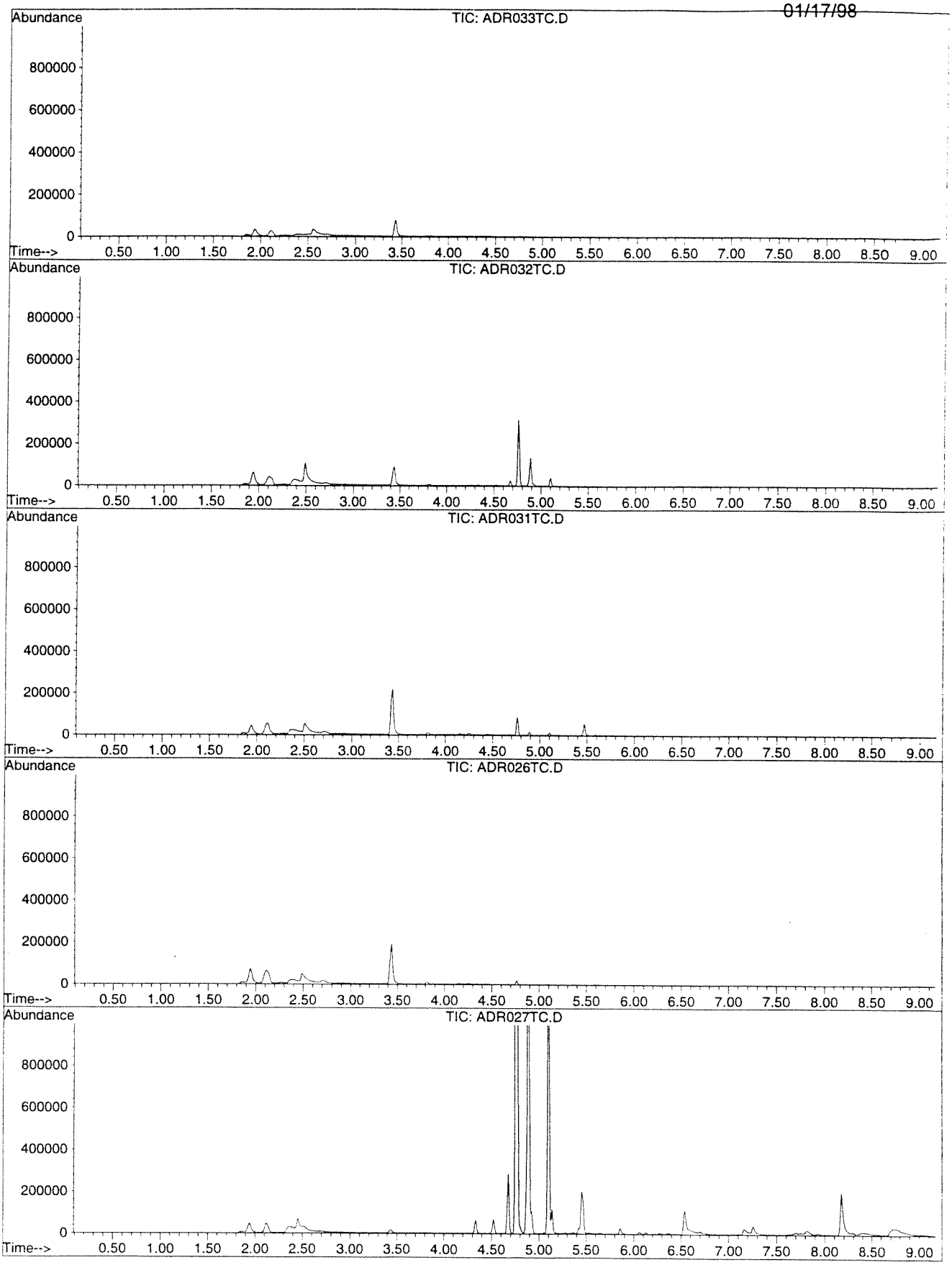
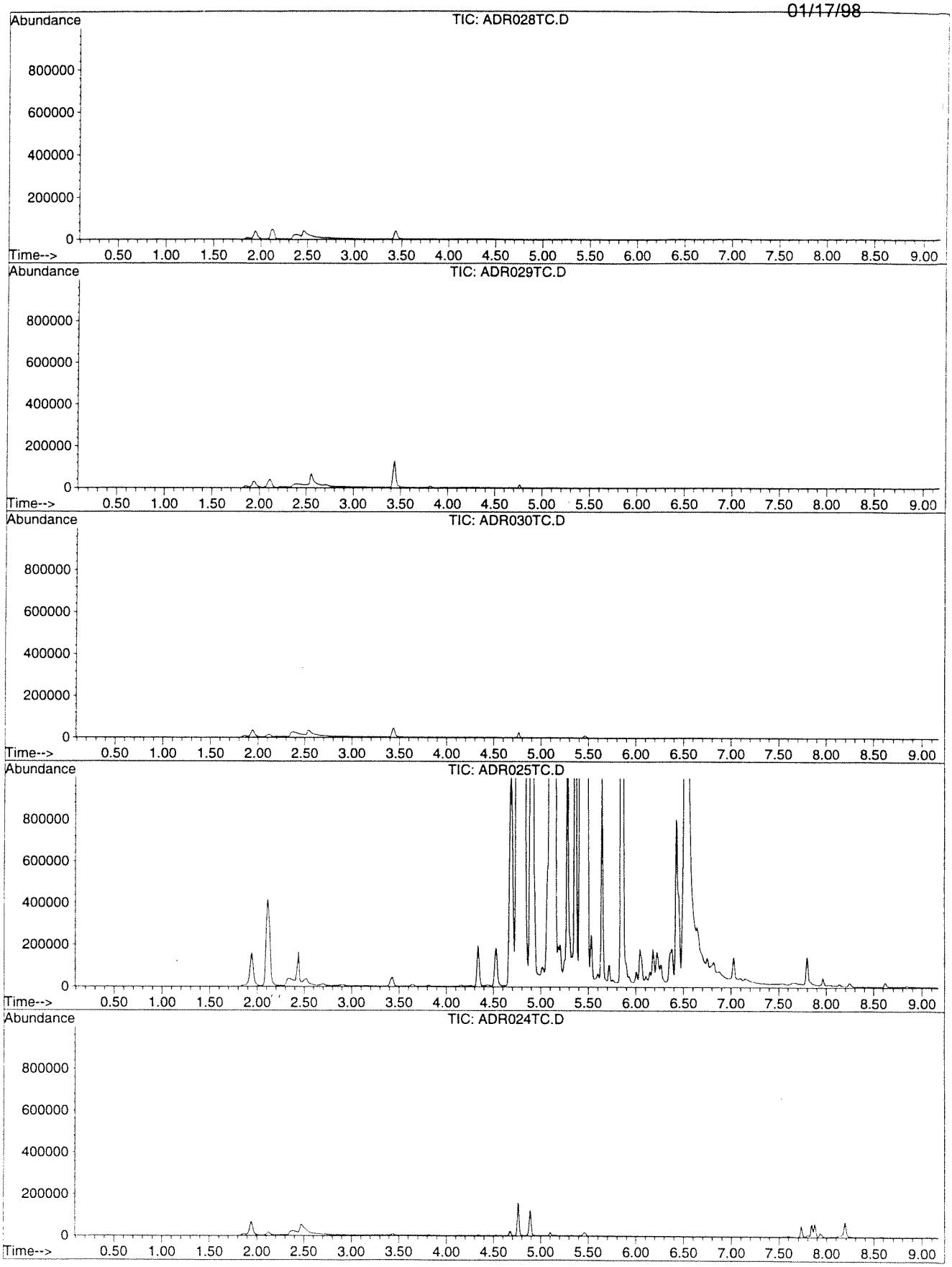
Rev. 0
~~01/17/98~~



TIC - SITE ADR - PRODUCTION ORDER #073726
In Sequence Order

Rev. 0
01/17/98



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In Sequence Order

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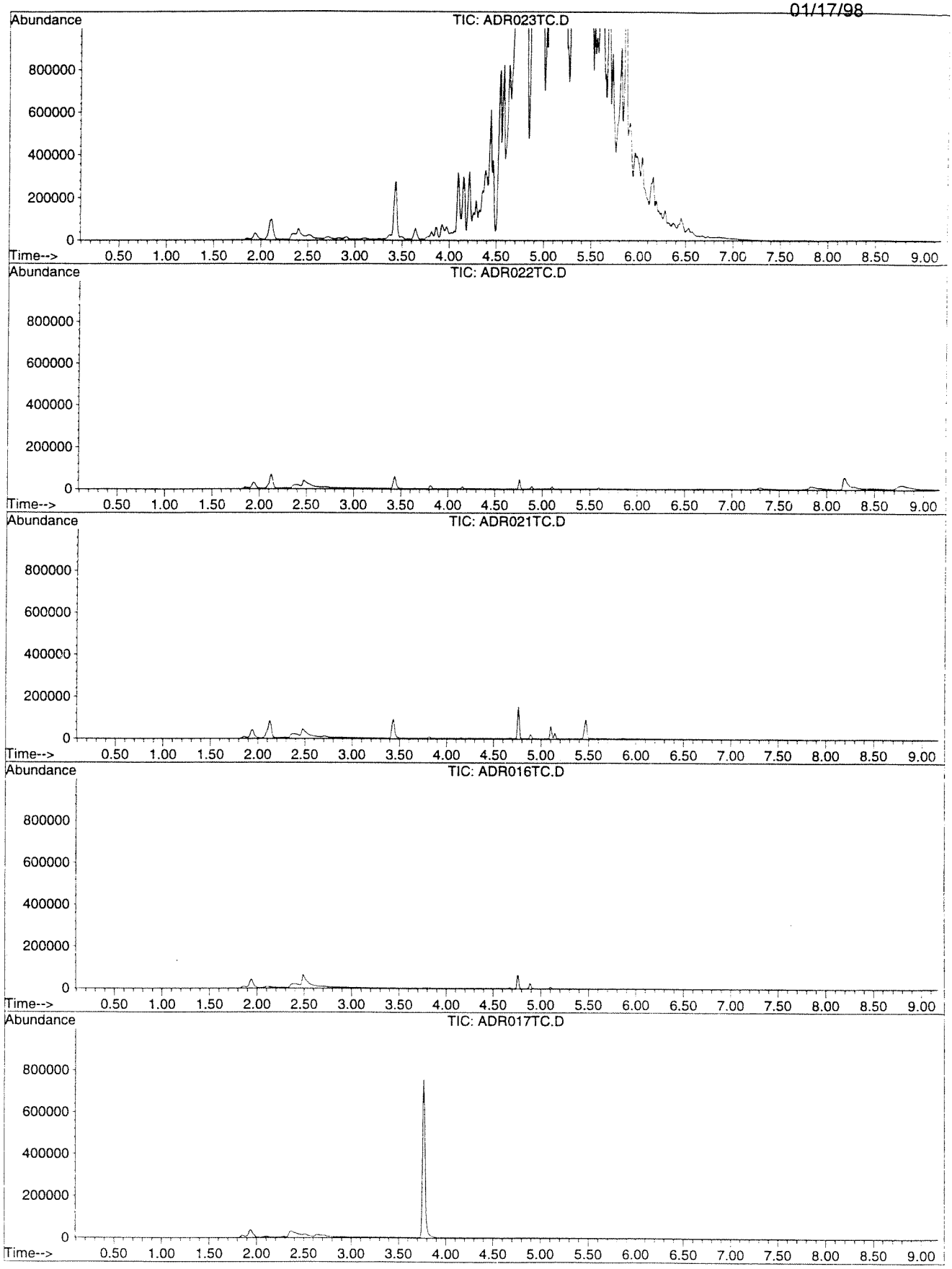
01/17/98



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In Sequence Order

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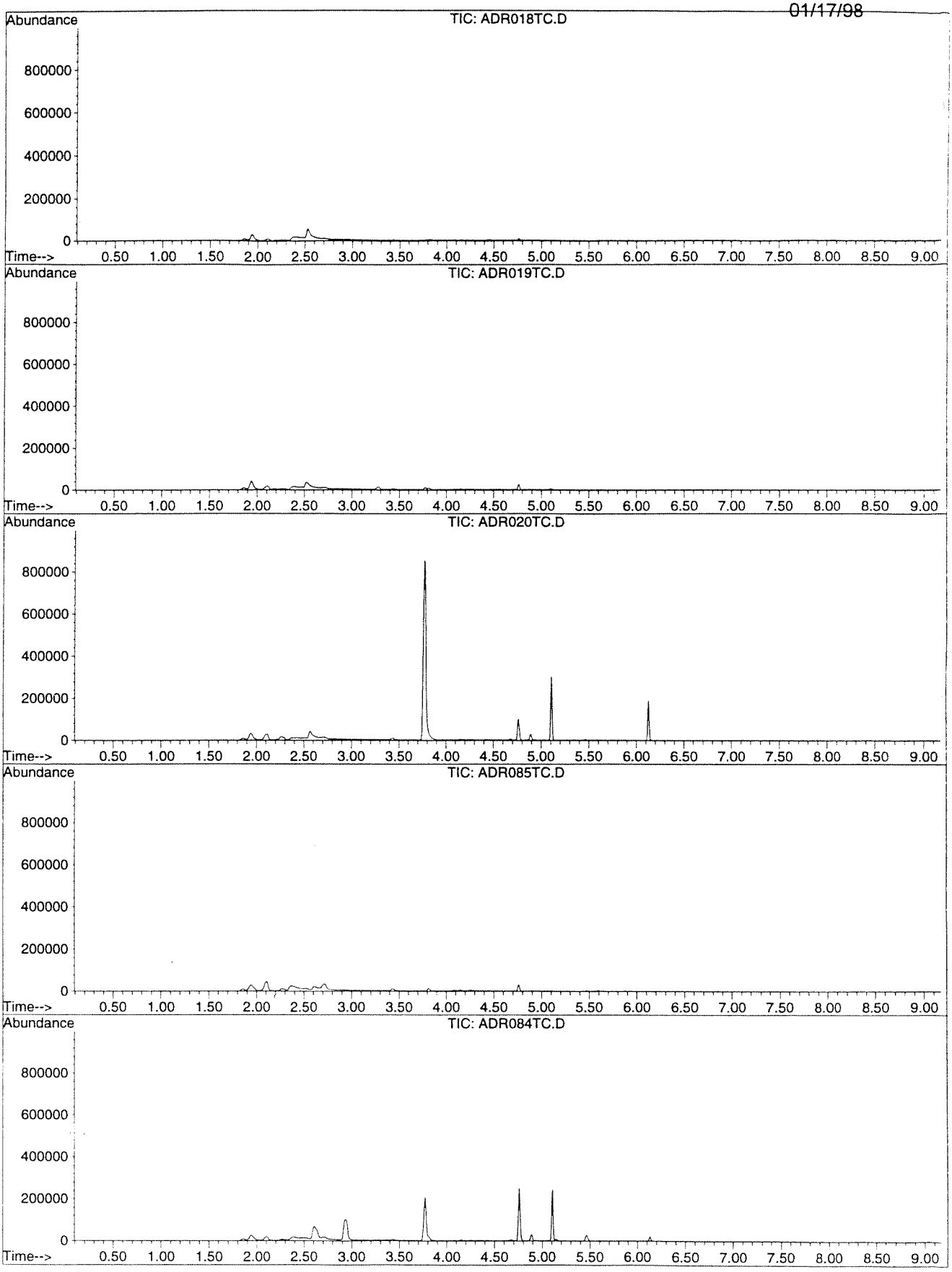

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In Sequence Order

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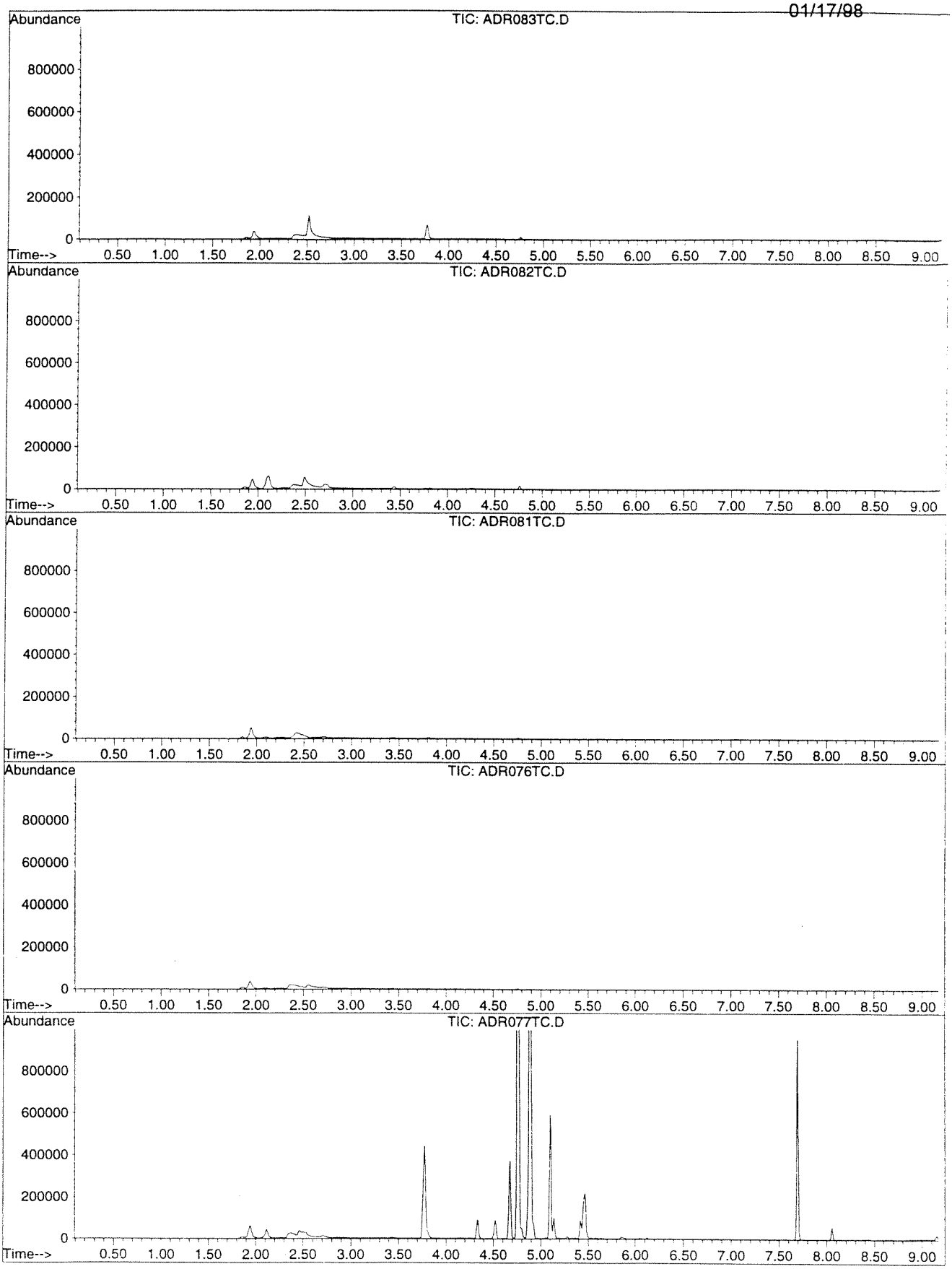
01/17/98



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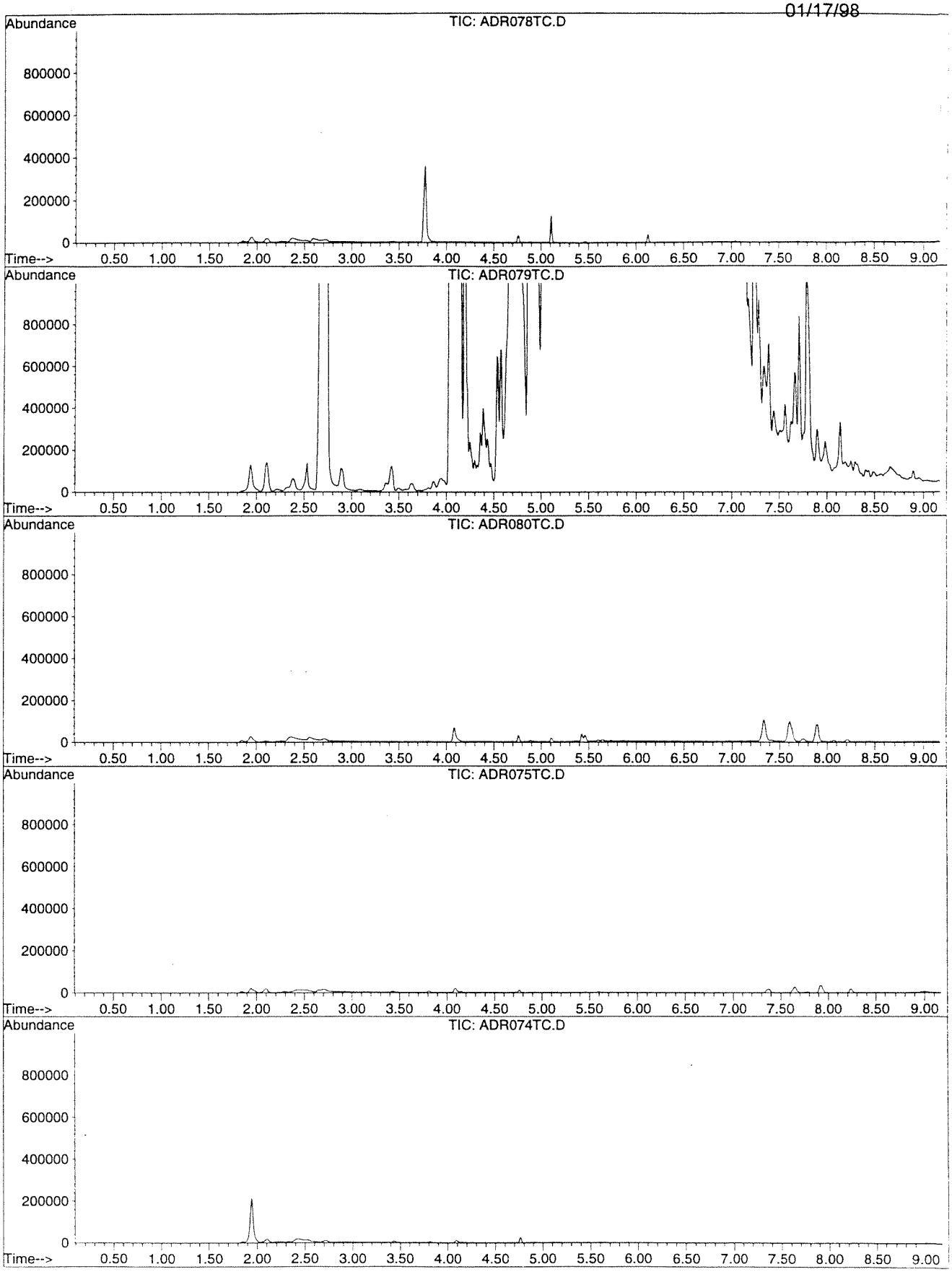

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In Sequence Order

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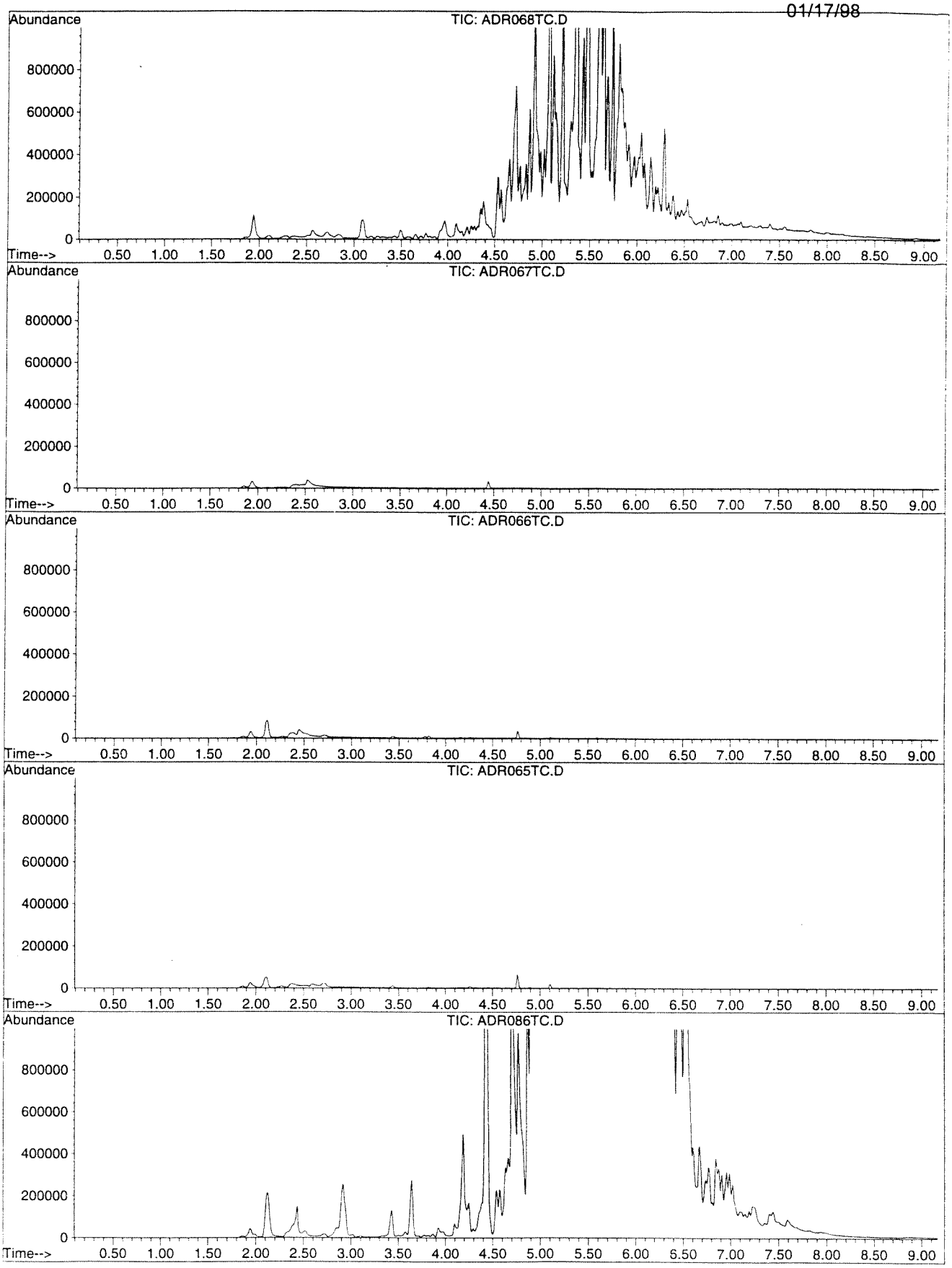

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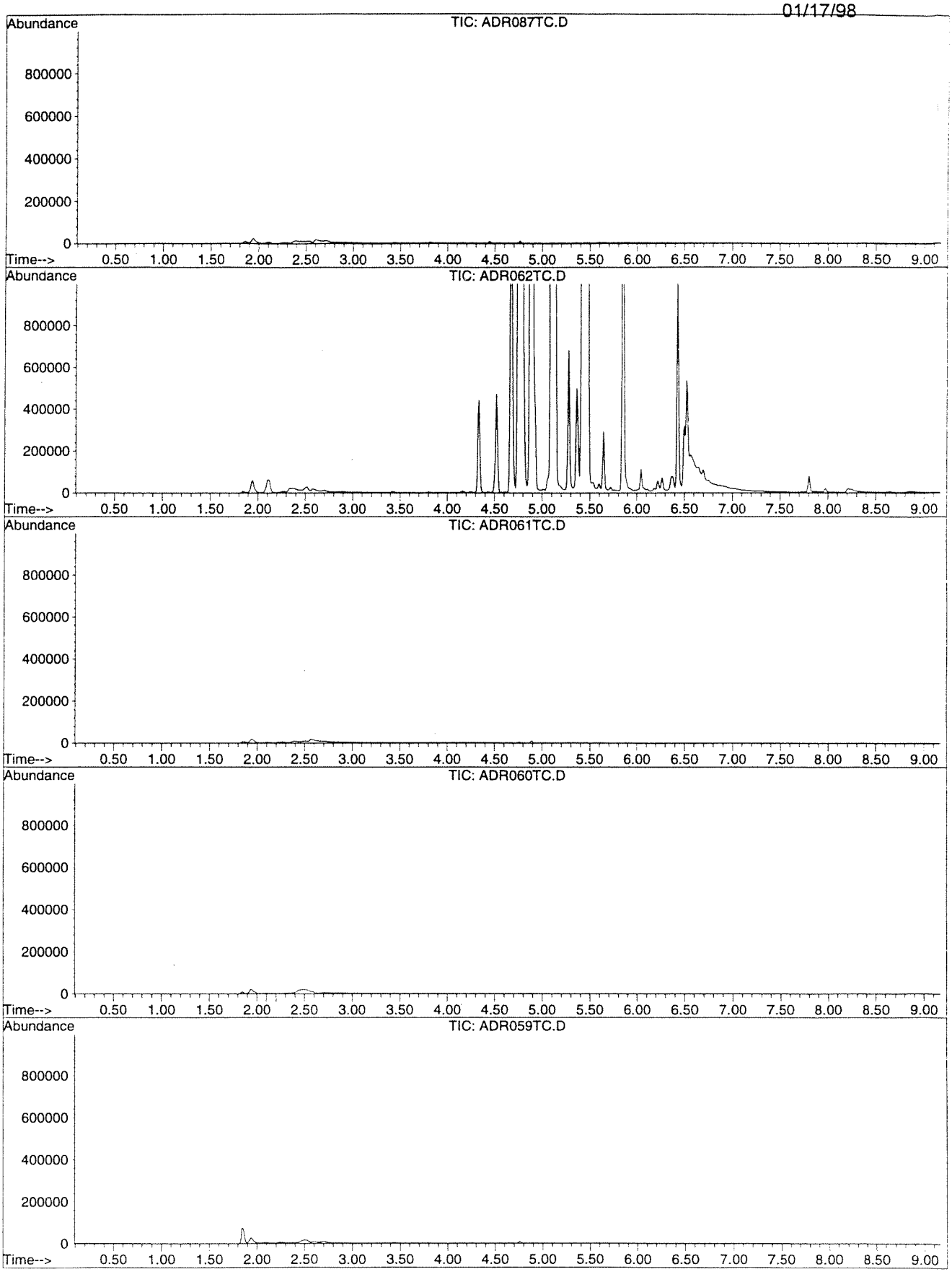

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In Sequence Order

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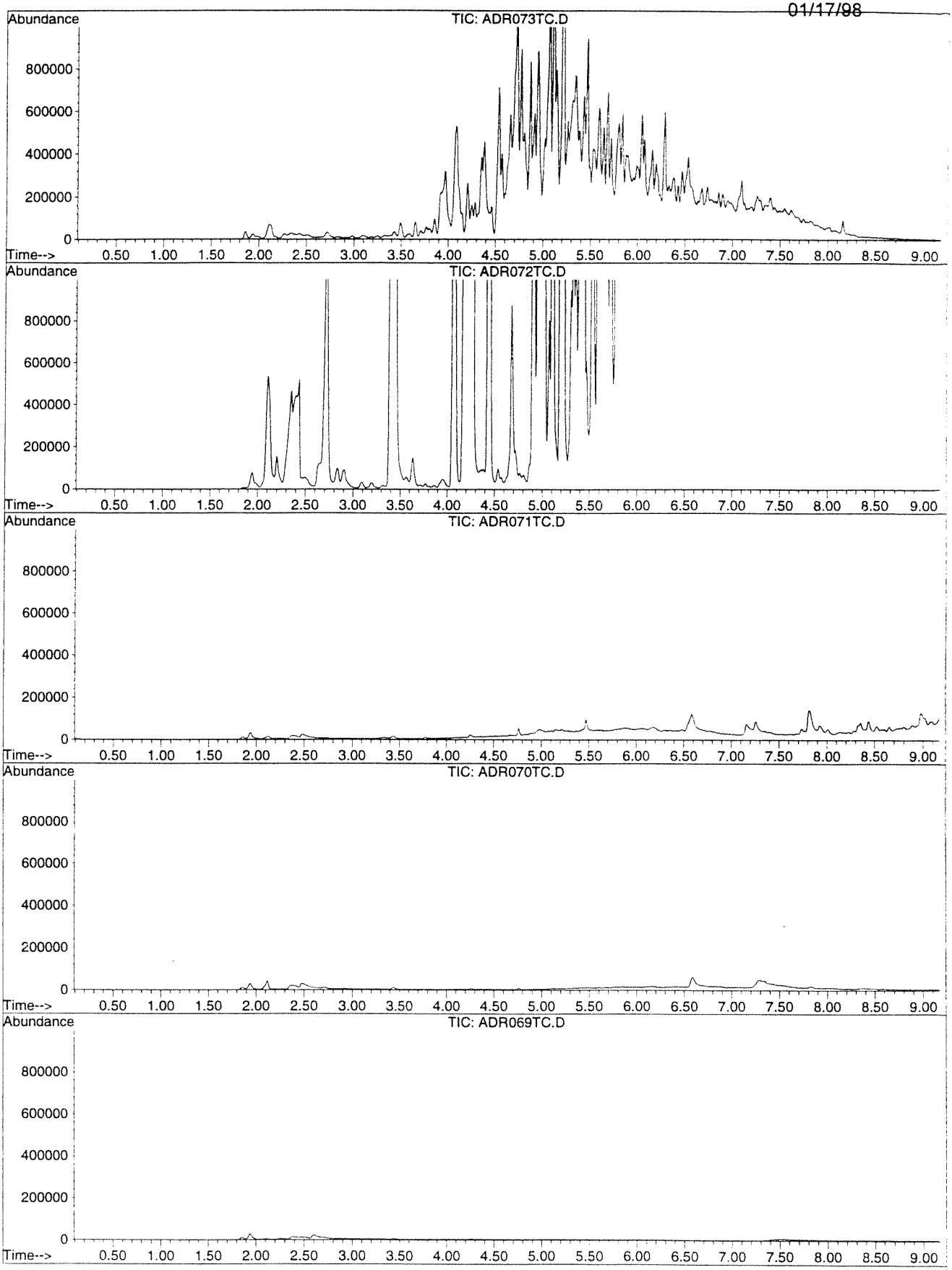
01/17/98



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In Sequence Order

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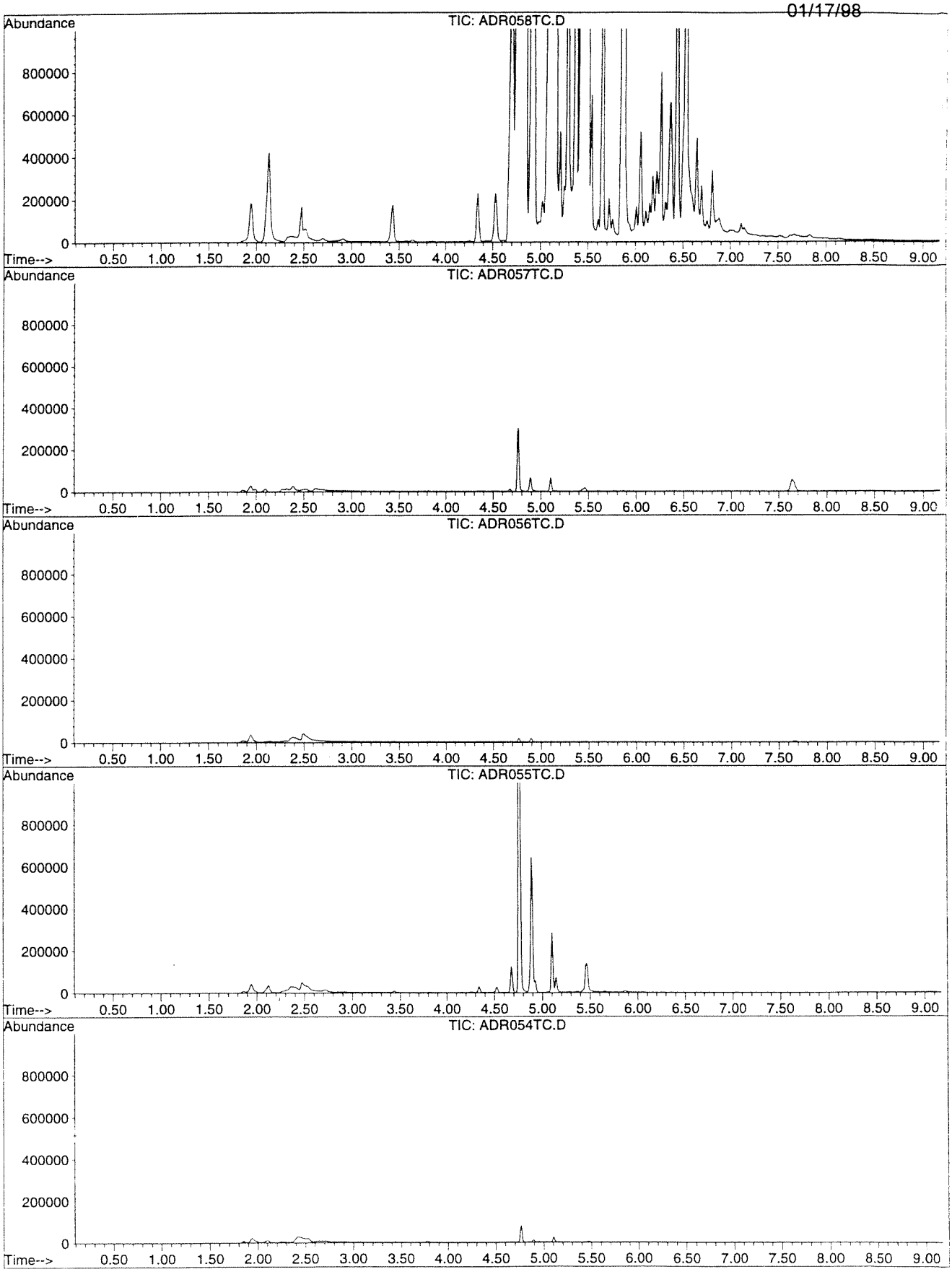
01/17/98



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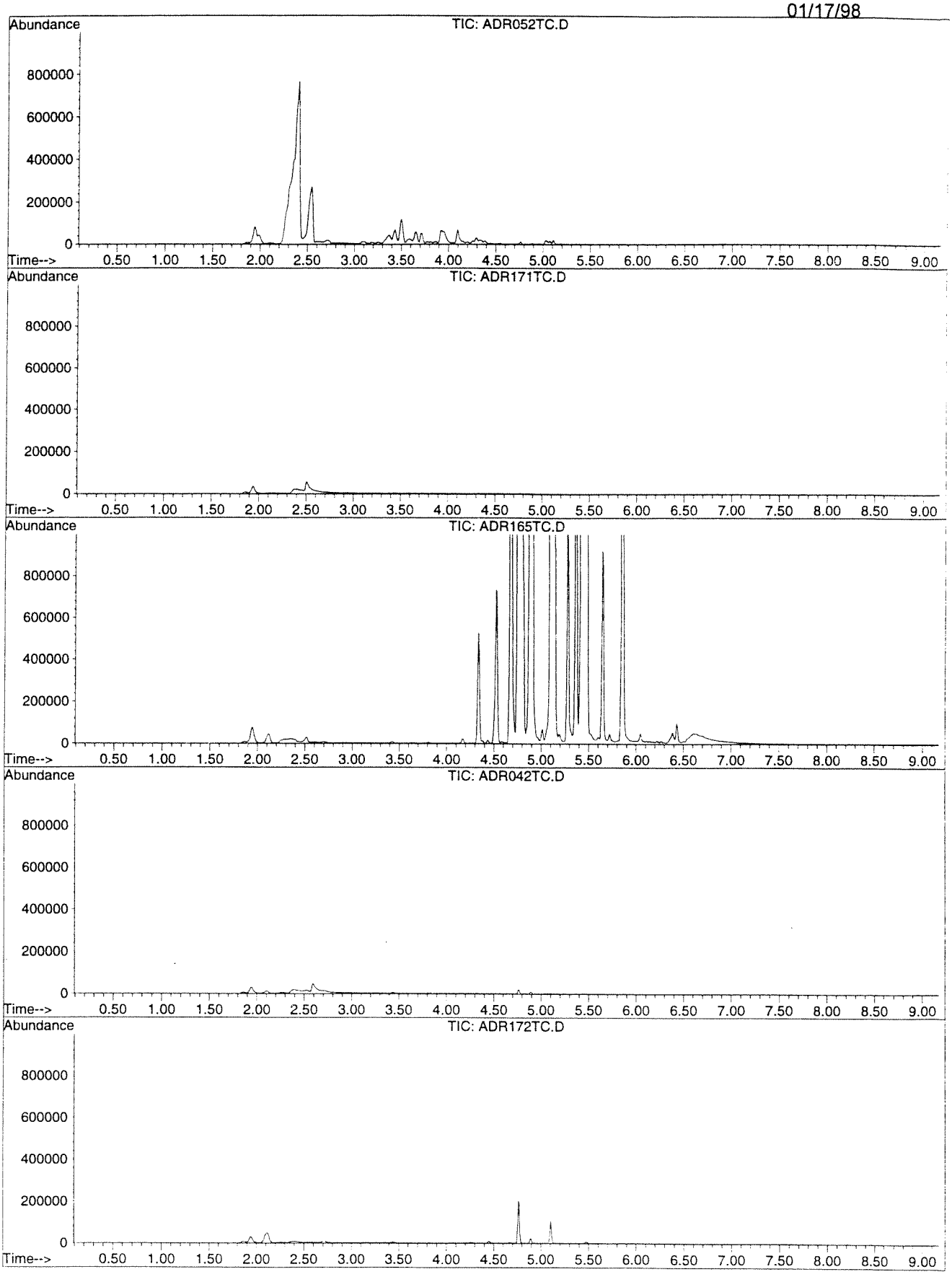

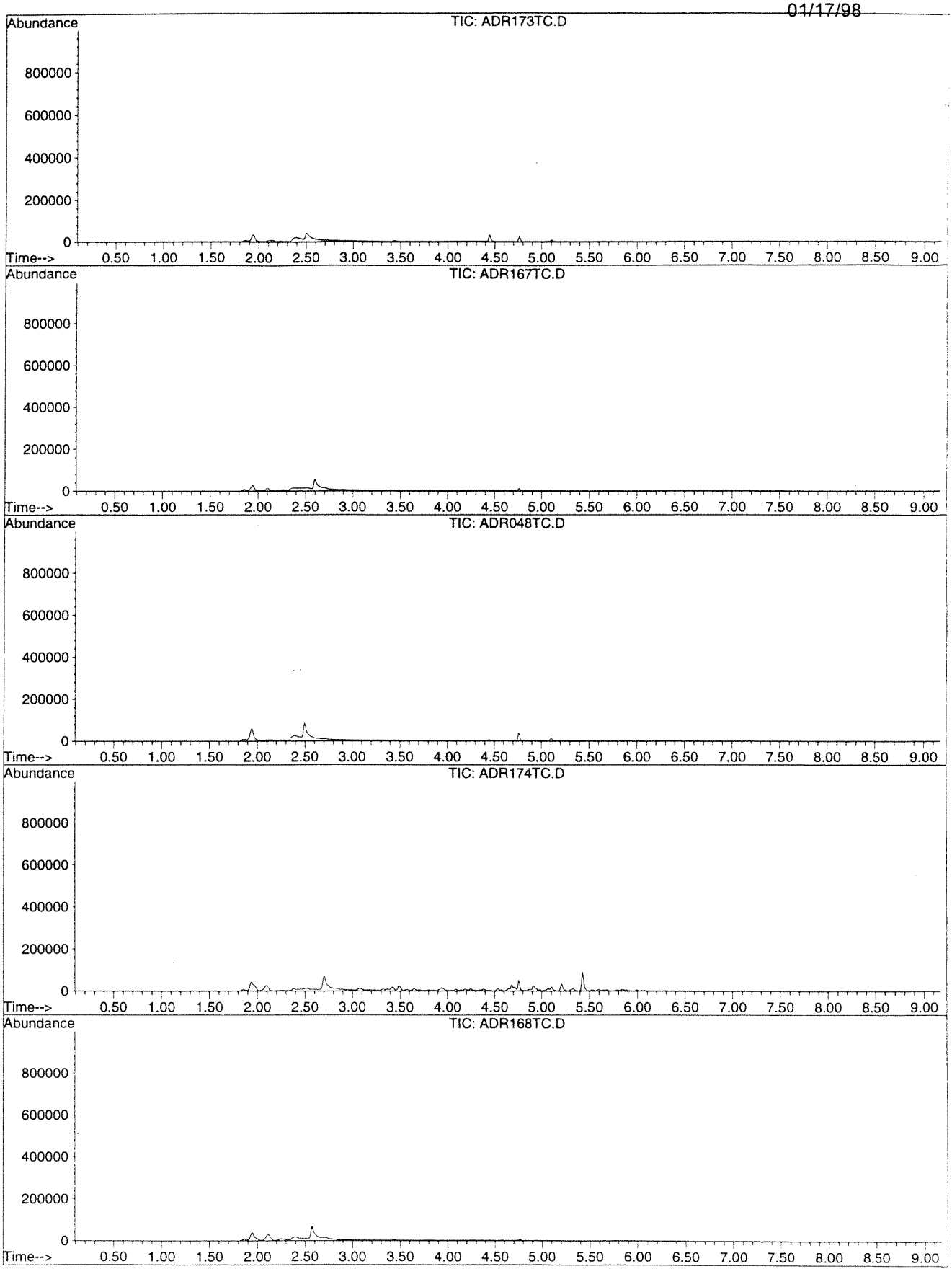
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800000
600000
400000
200000
0
Time-->
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Abundance
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600000
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200000
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Abundance
TIC: ADR174TC.D
800000
600000
400000
200000
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Time-->
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Abundance
TIC: ADR168TC.D
800000
600000
400000
200000
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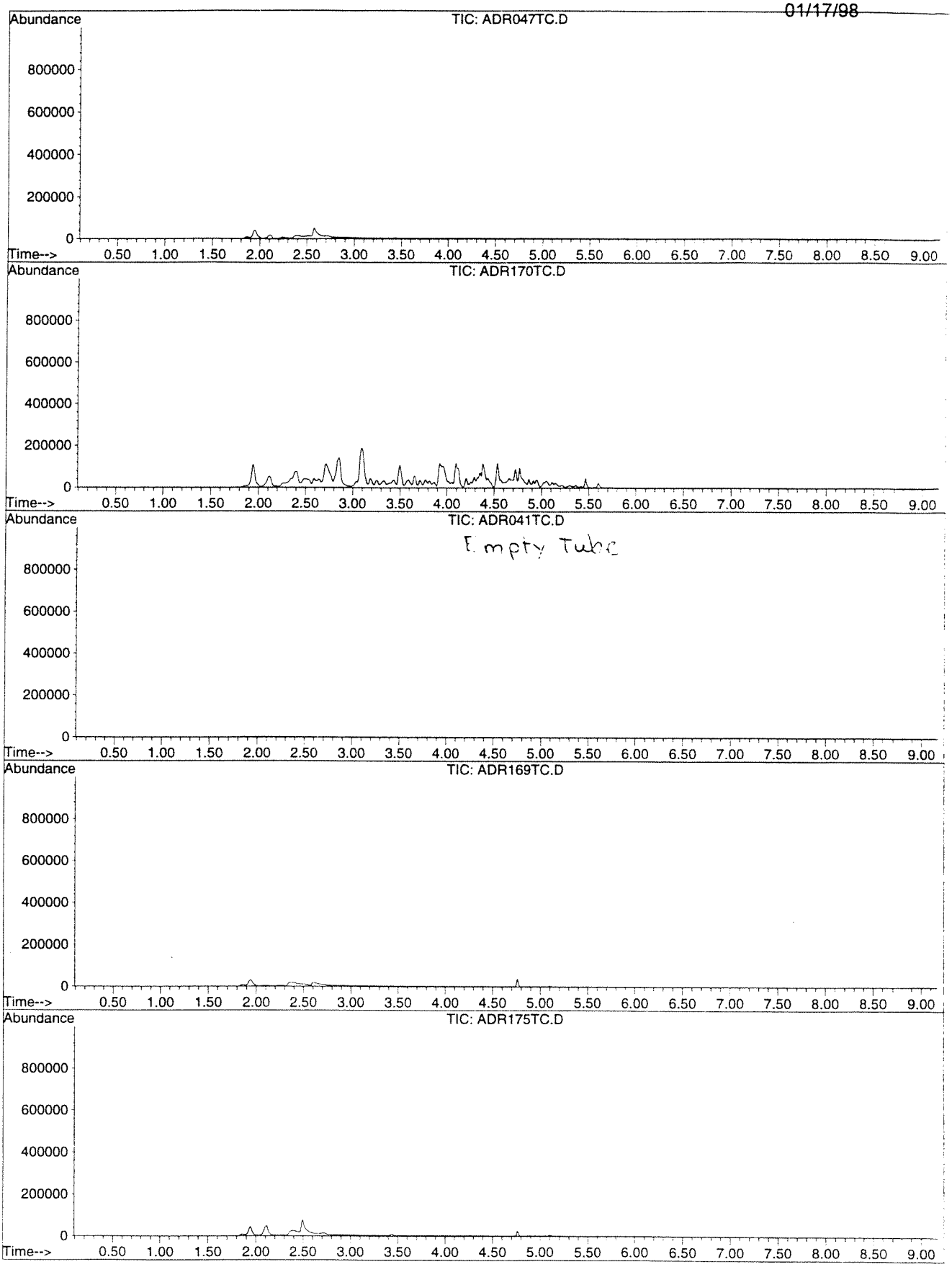
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Abundance
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800000
600000
400000
200000
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Abundance
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Empty Tube
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600000
400000
200000
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Abundance
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200000
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Abundance
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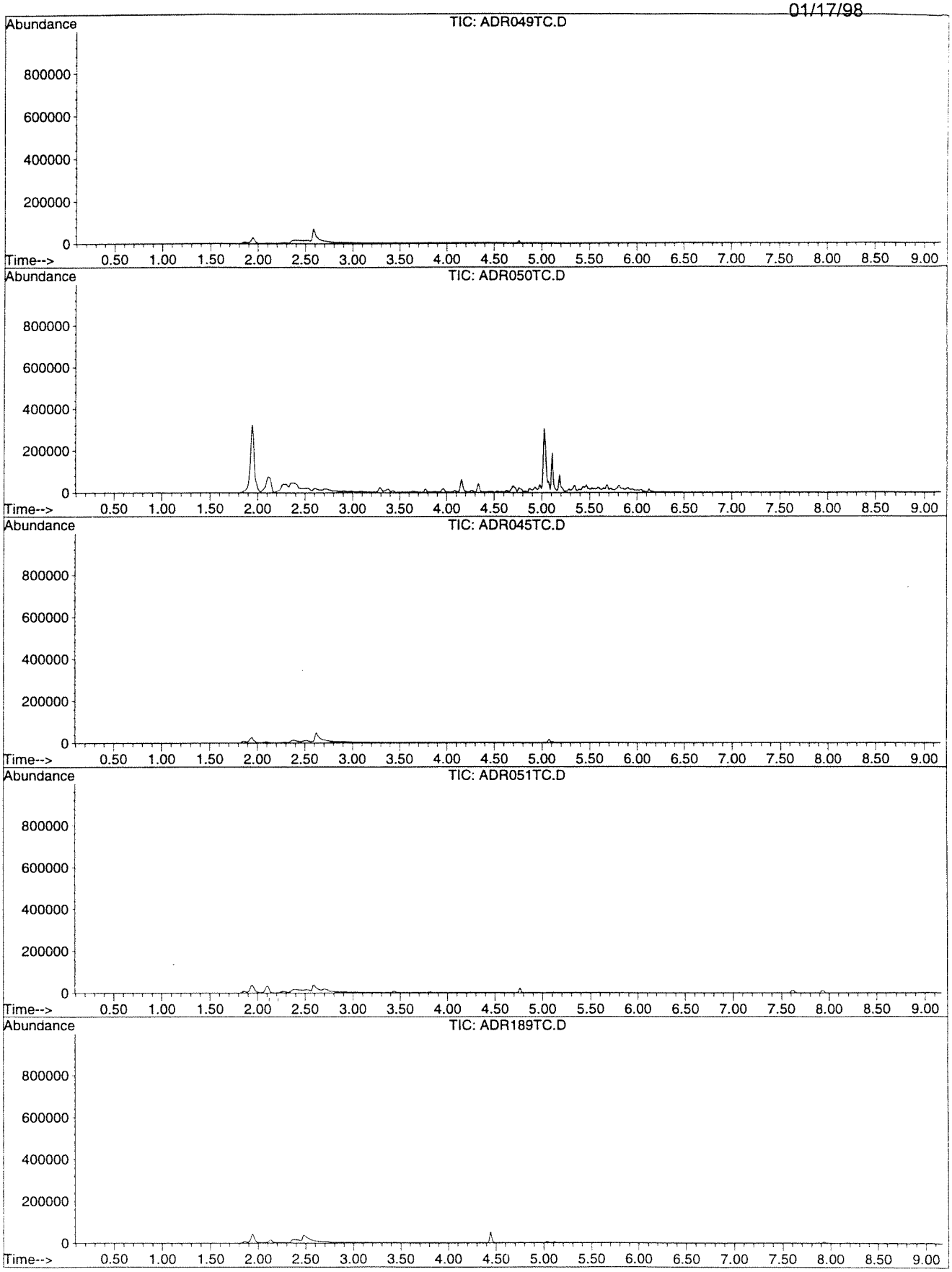
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TIC - SITE ADR - PRODUCTION ORDER #073726
In Sequence Order

Rev. 0
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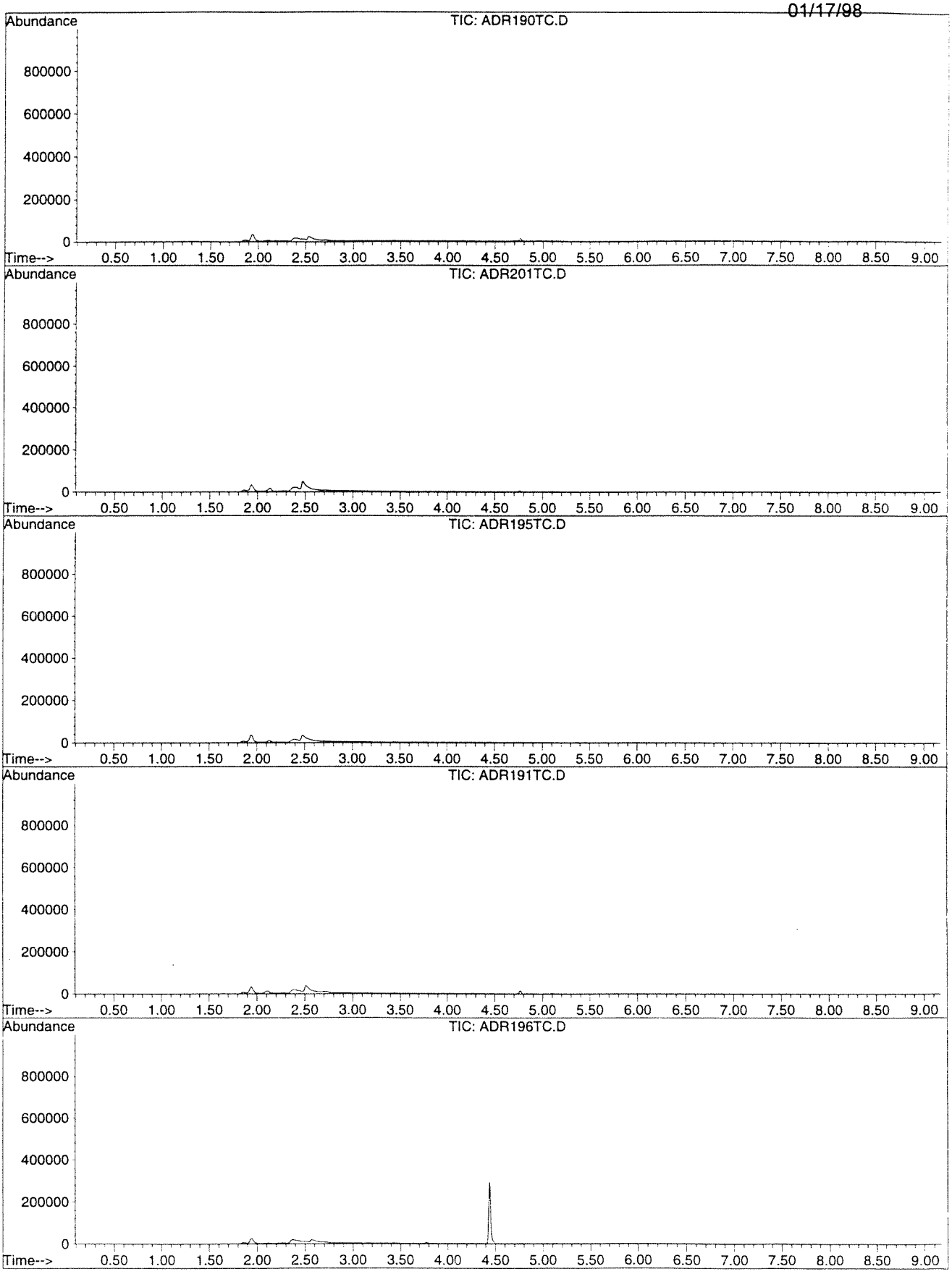

TIC - SITE ADR - PRODUCTION ORDER #073726
In Sequence Order

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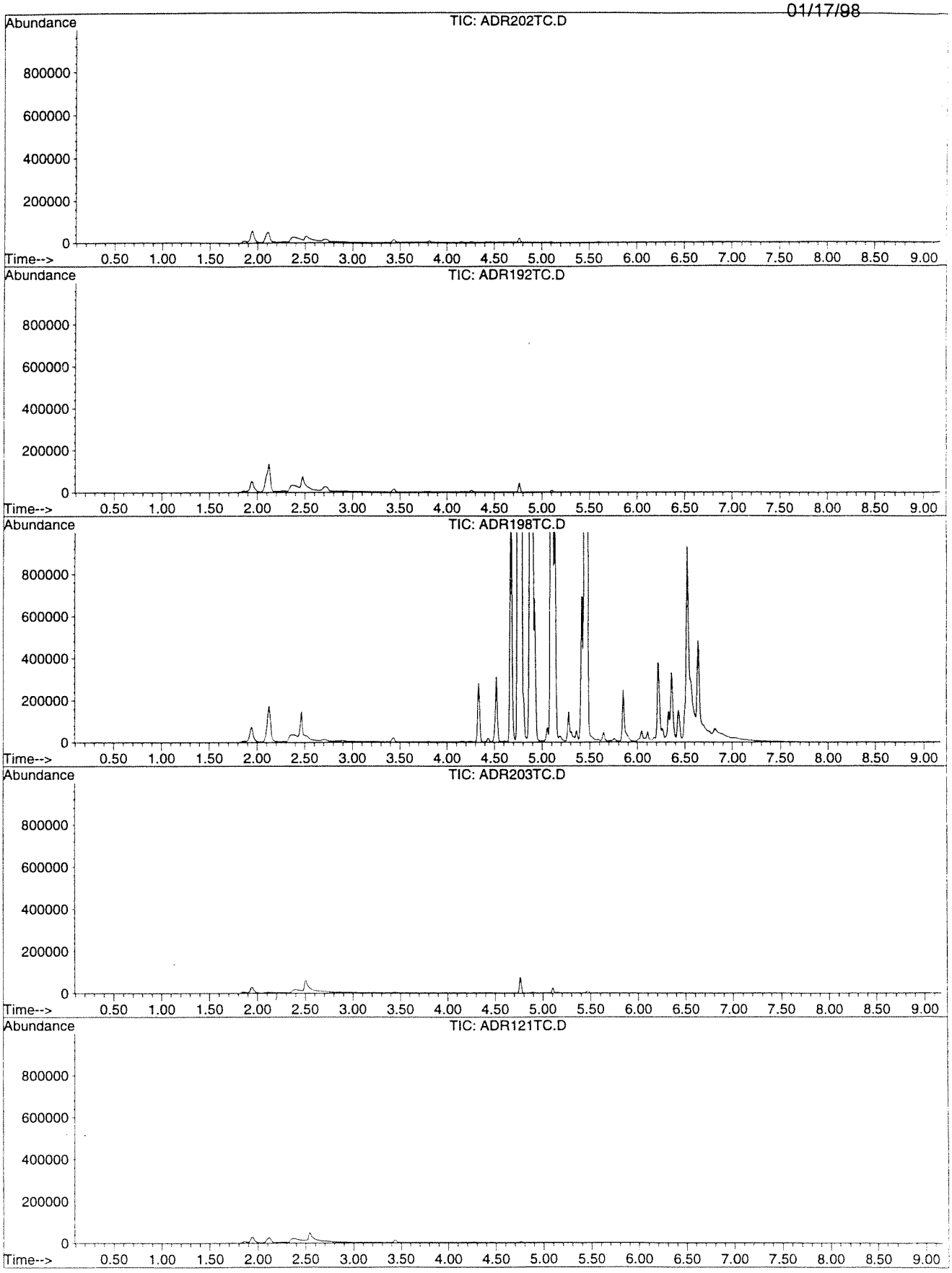
01/17/98



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In Sequence Order

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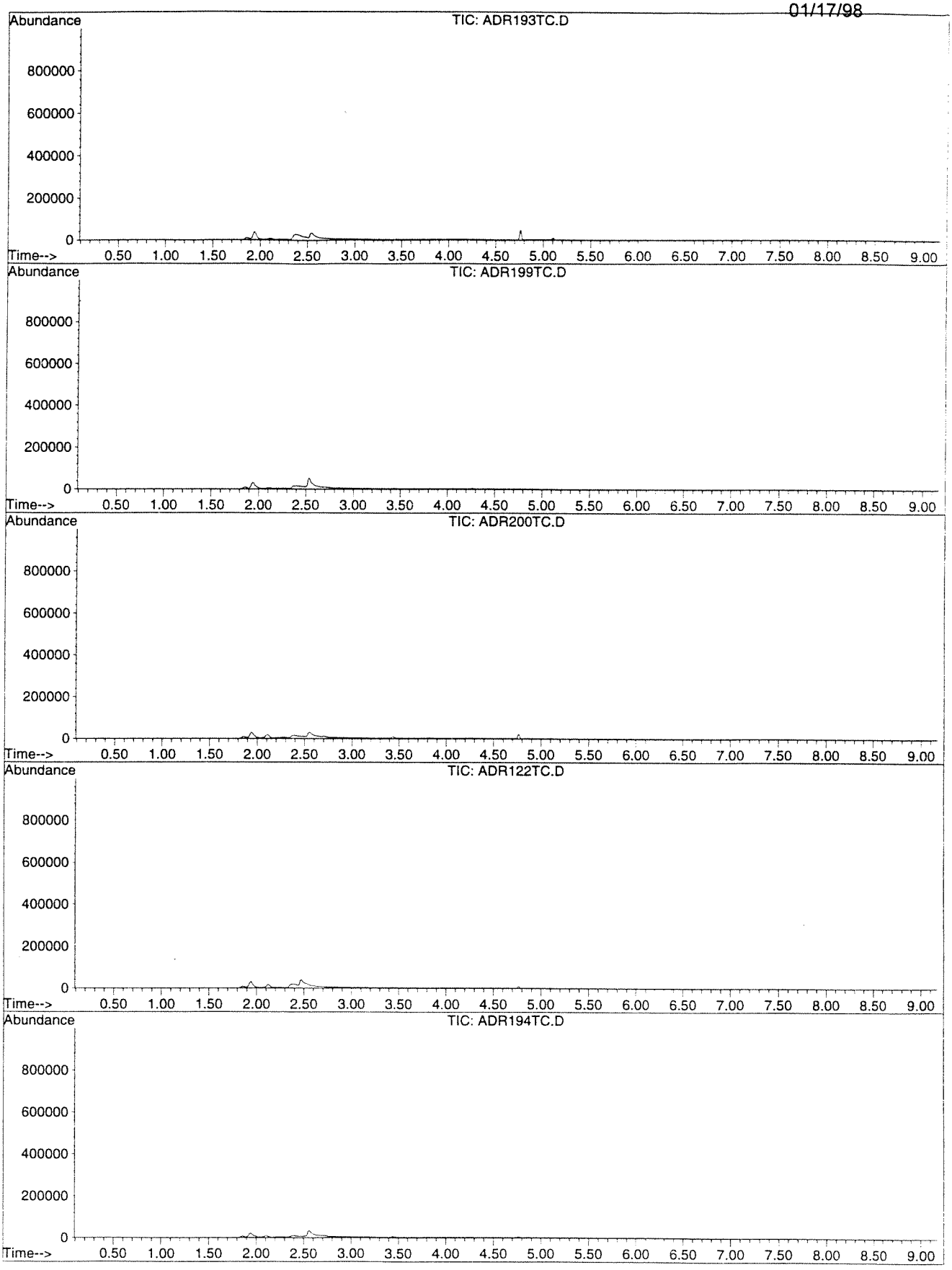

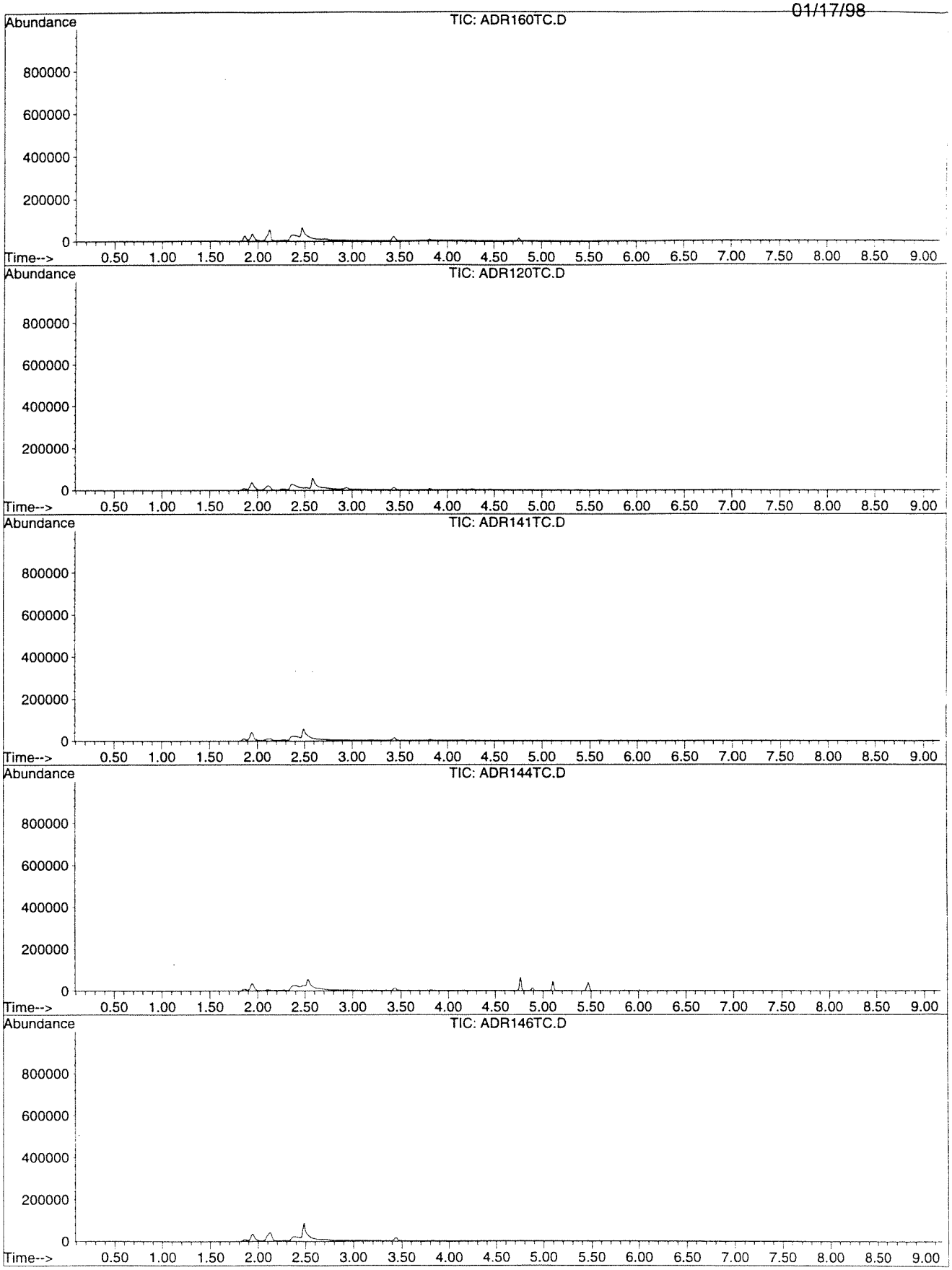
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Time-->
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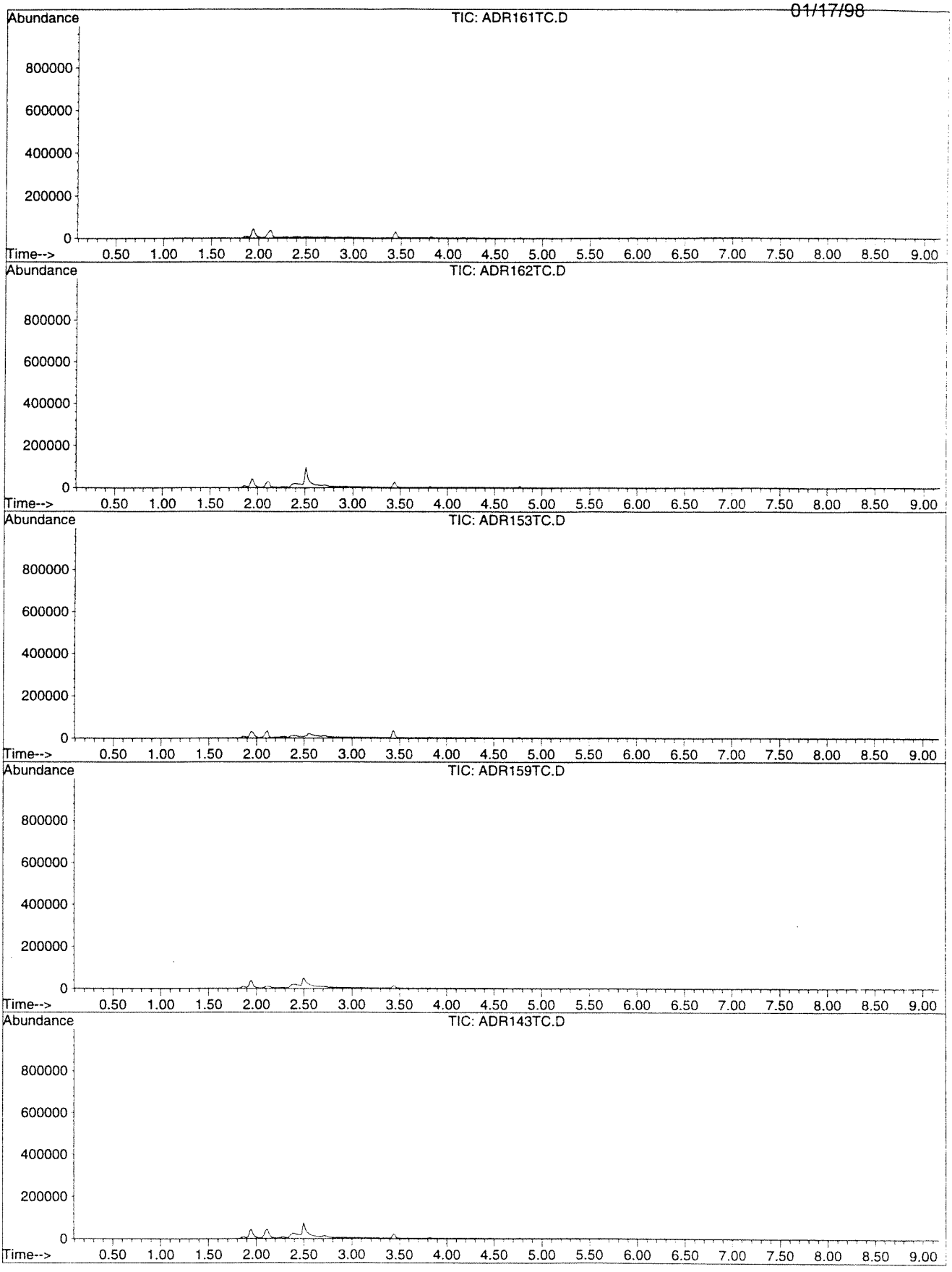
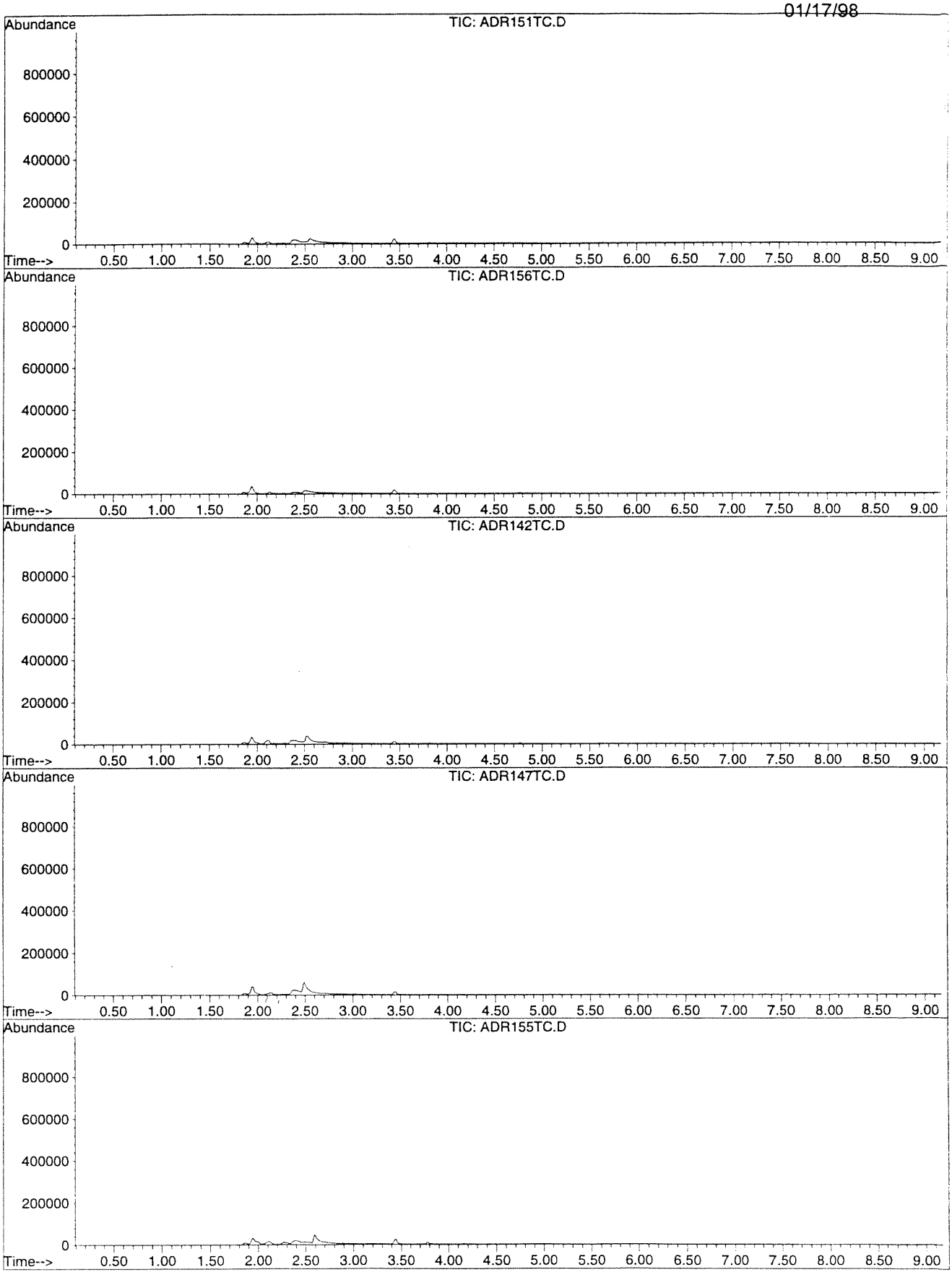
TIC - SITE ADR - PRODUCTION ORDER #073726
In Sequence Order

Rev. 0
~~01/17/98~~

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Abundance
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In Sequence Order

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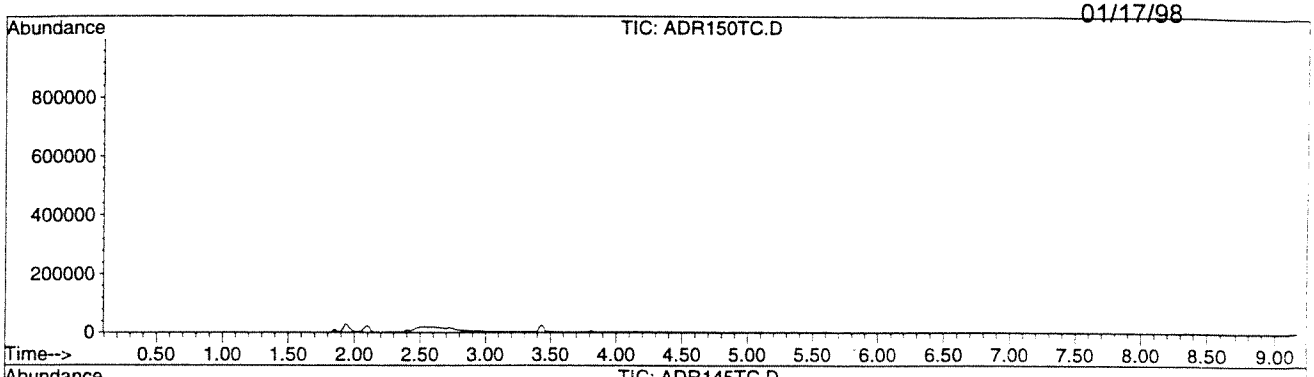

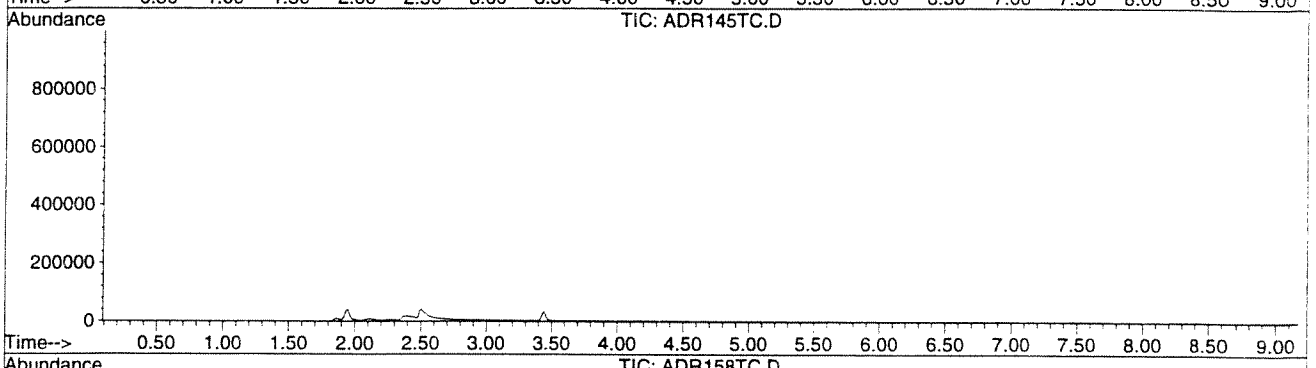

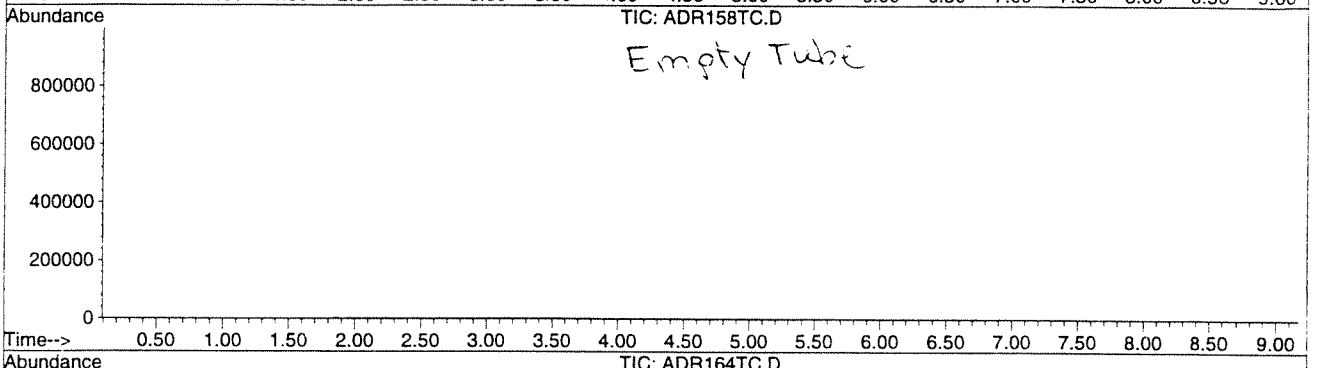

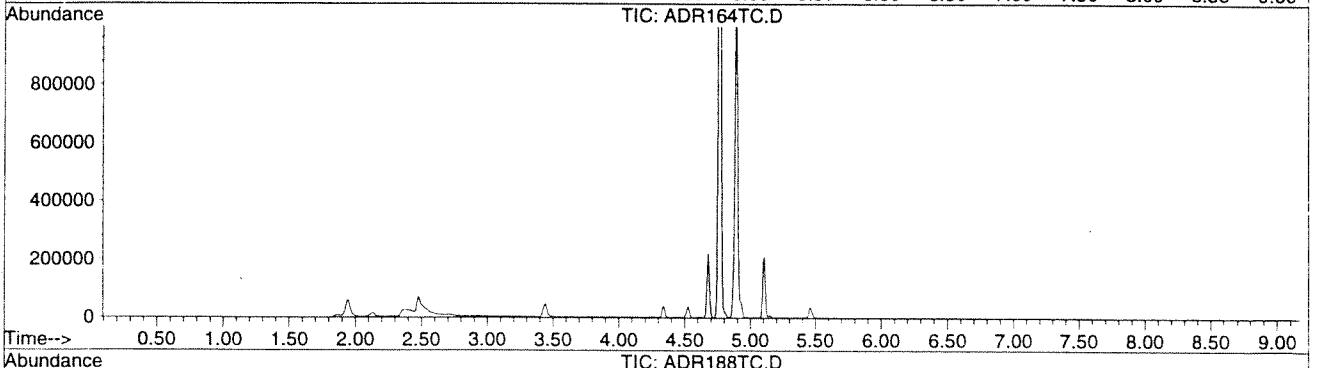

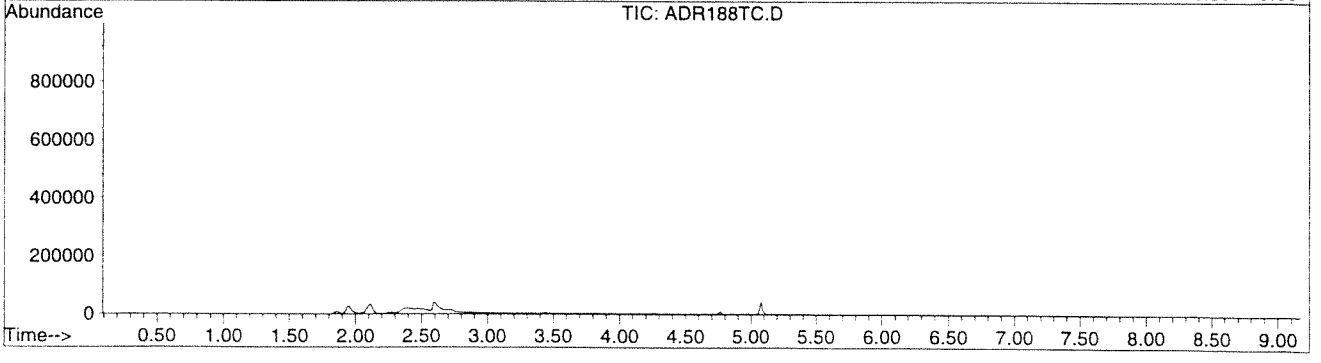

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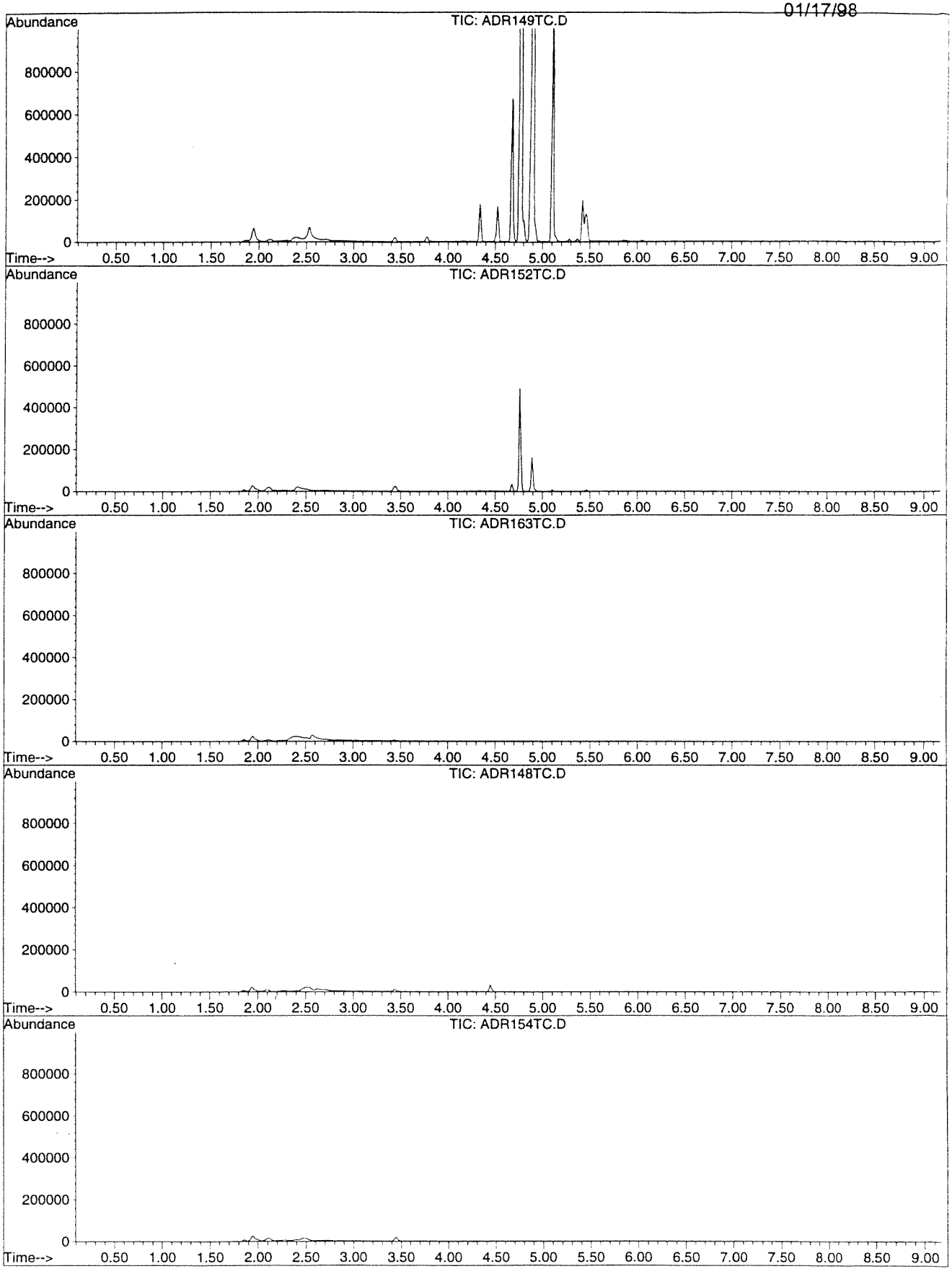

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In Sequence Order

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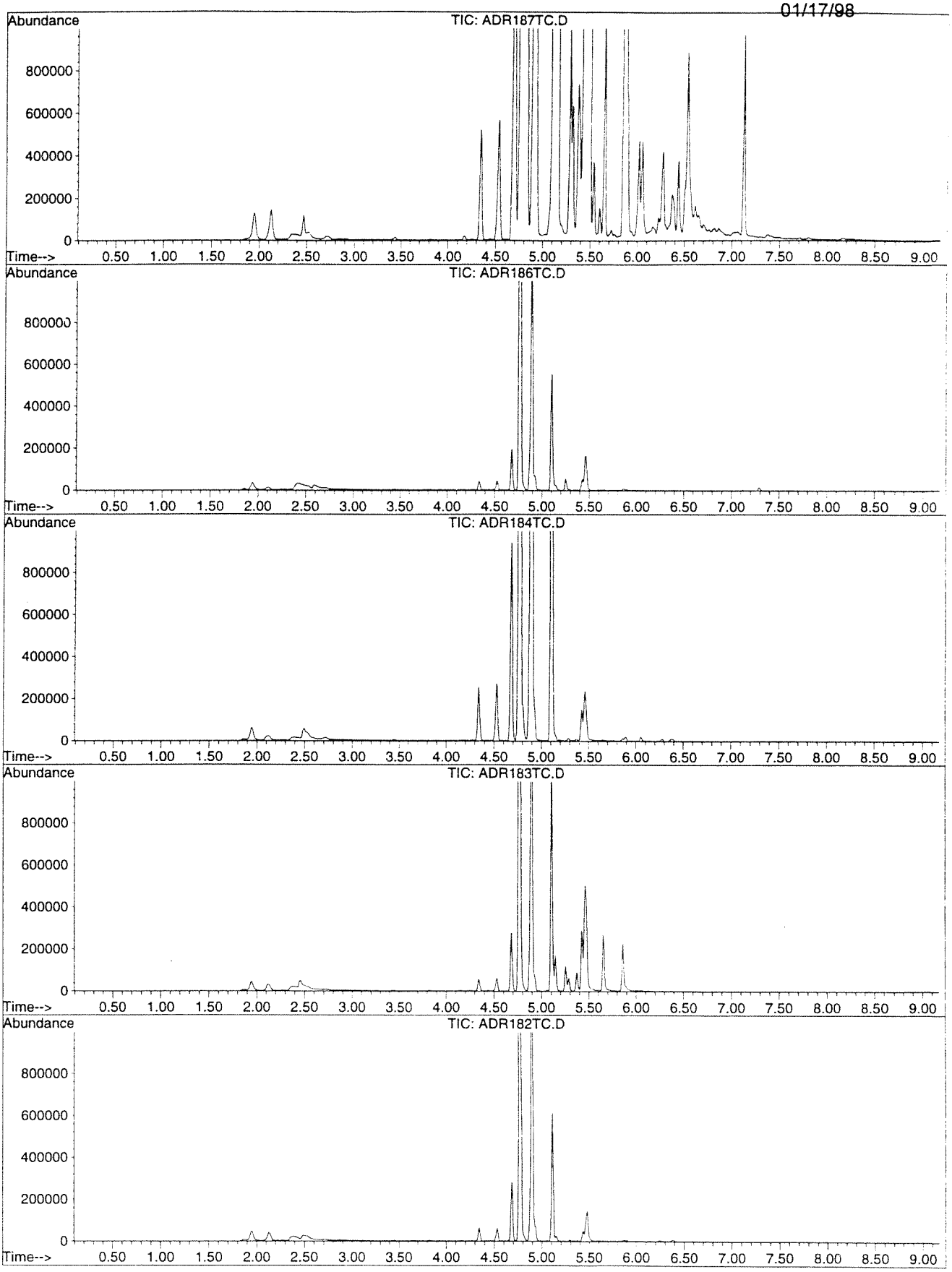
01/17/98



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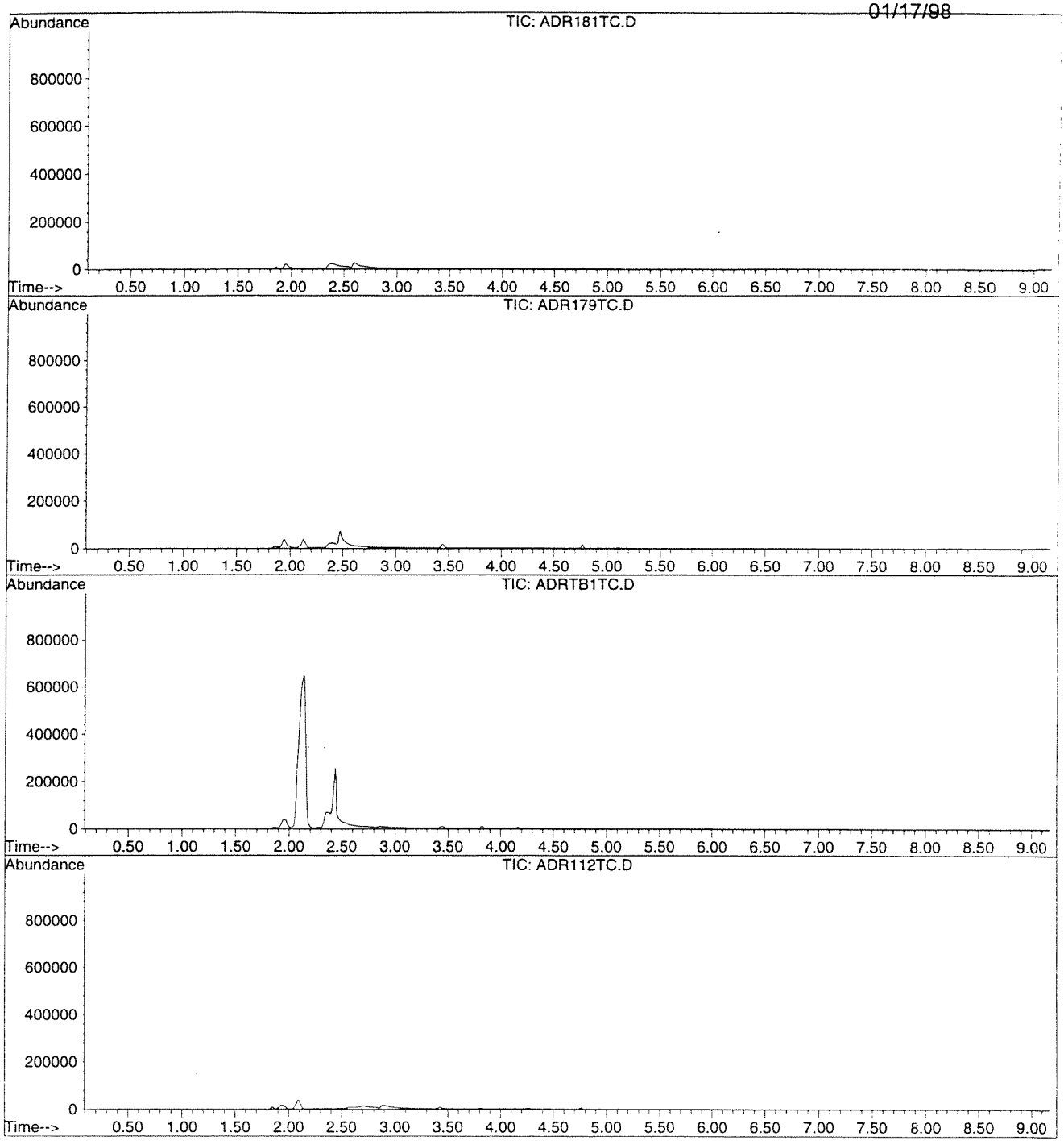

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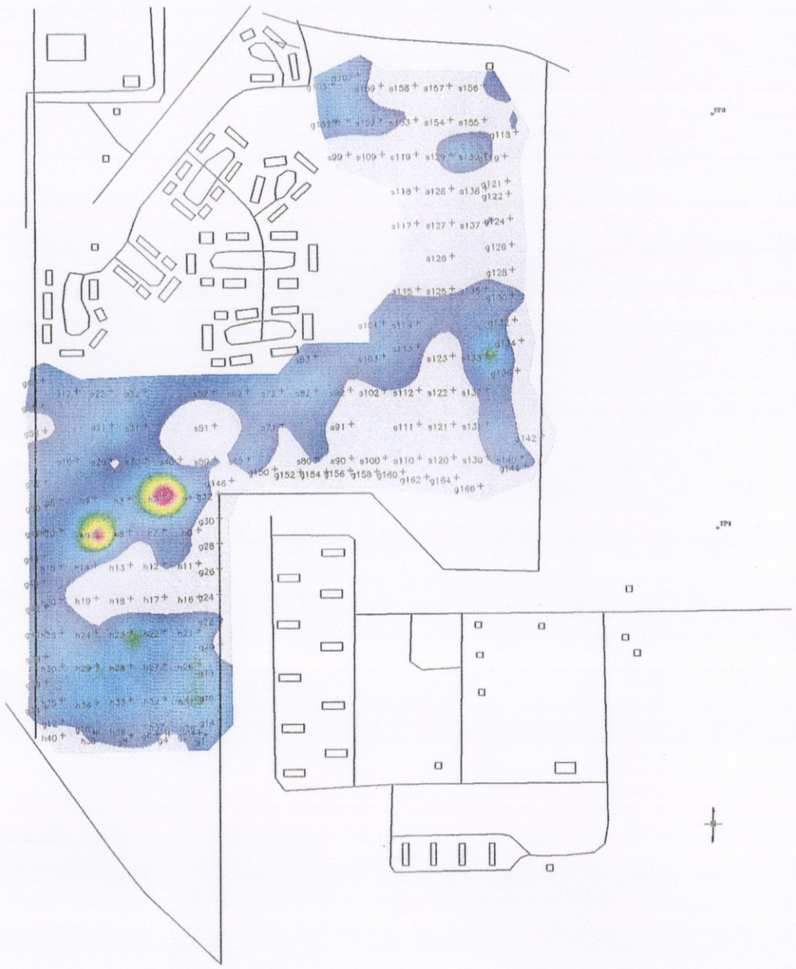

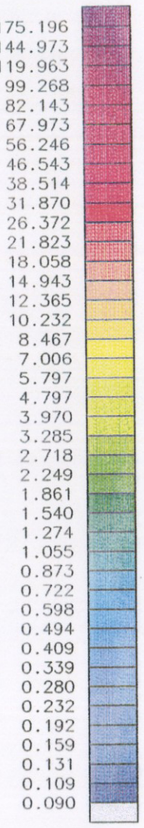

Scale 1:10000

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(meters)

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P.O. BOX 1100
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ELKTON, MD 21922-1100
(410) 392-3300

ORLANDO NAVAL TRAINING CENTER, ORLANDO, FL

BTEX

BROWN & ROOT, OAK RIDGE, TN

REV. #: 1
REV. DATE: Oct. 22, 1997

DATE DRAWN:	Sept. 16, 1997	GRID FILE:	BTO1.GRD
DRAWN BY:	RF	PLOT FILE:	BTC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

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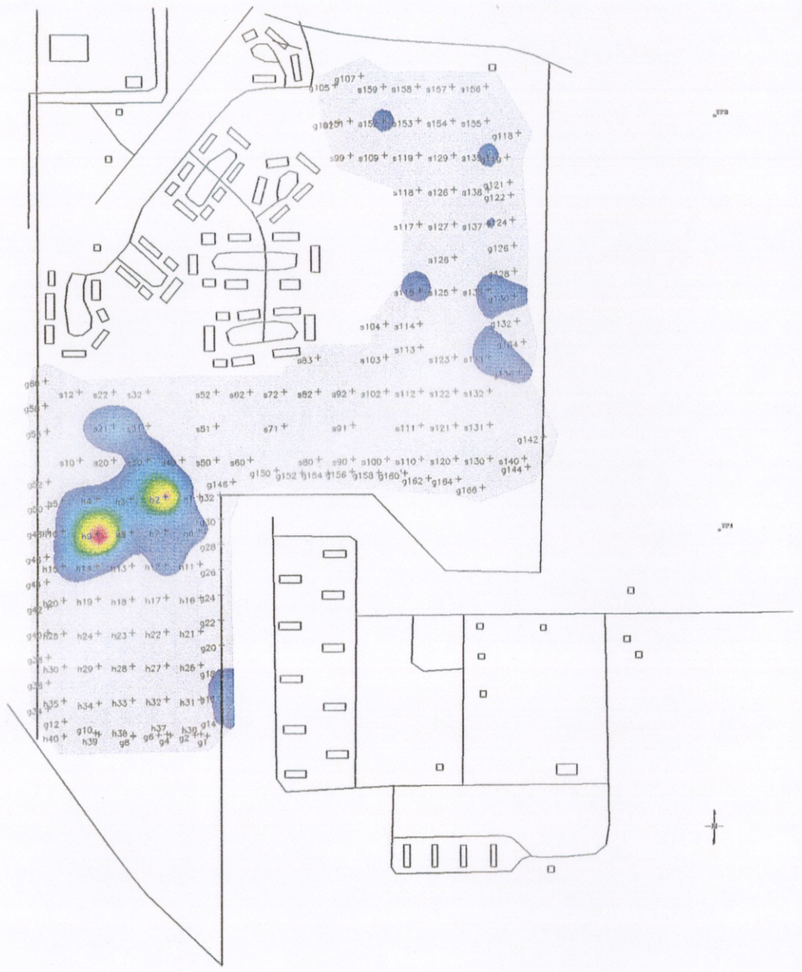

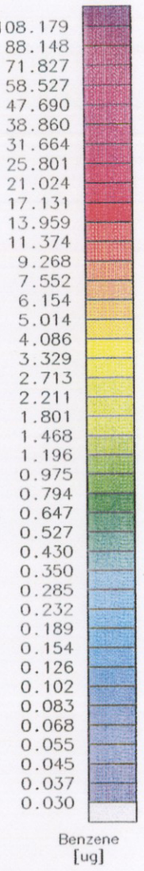

Scale 1:10000

250 0 250

(meters)

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(410) 392-3300

ORLANDO NAVAL TRAINING CENTER, ORLANDO, FL

BENZENE

BROWN & ROOT, OAK RIDGE, TN

REV. #: 1

REV. DATE: Oct. 22, 1997

DATE DRAWN:	Sept. 16, 1997	GRID FILE:	BZ01.GRD
DRAWN BY:	RF	PLOT FILE:	BZC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

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ClBenzene
[ug]

Scale 1:10000

250 0 250

(meters)

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CHLOROBENZENE

BROWN & ROOT, OAK RIDGE, TN

REV. #:	1		
REV. DATE:	Oct. 22, 1997		
DATE DRAWN:	Sept. 16, 1997	GRID FILE:	CB01.GRD
DRAWN BY:	RF	PLOT FILE:	CBC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

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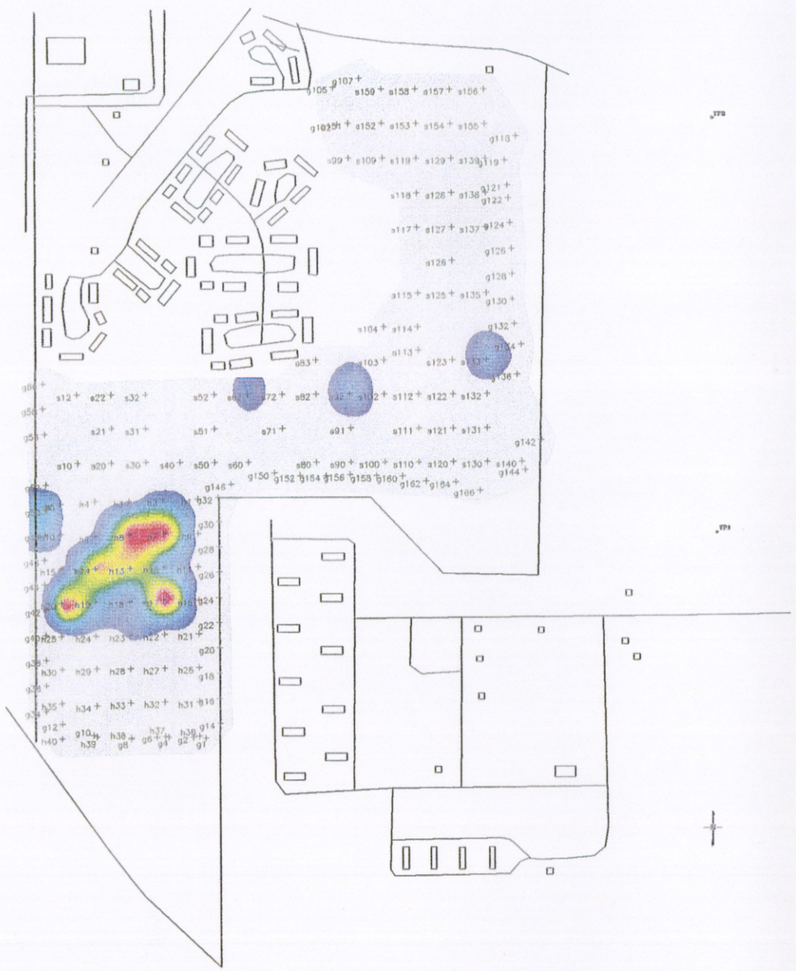

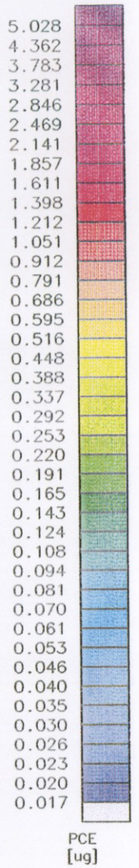

Scale 1:10000

250 0 250

(meters)

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TETRACHLOROETHENE

BROWN & ROOT, OAK RIDGE, TN

REV. #:			
REV. DATE:			
DATE DRAWN:	Sept. 16, 1997	GRID FILE:	PC01.GRD
DRAWN BY:	RF	PLOT FILE:	PCC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

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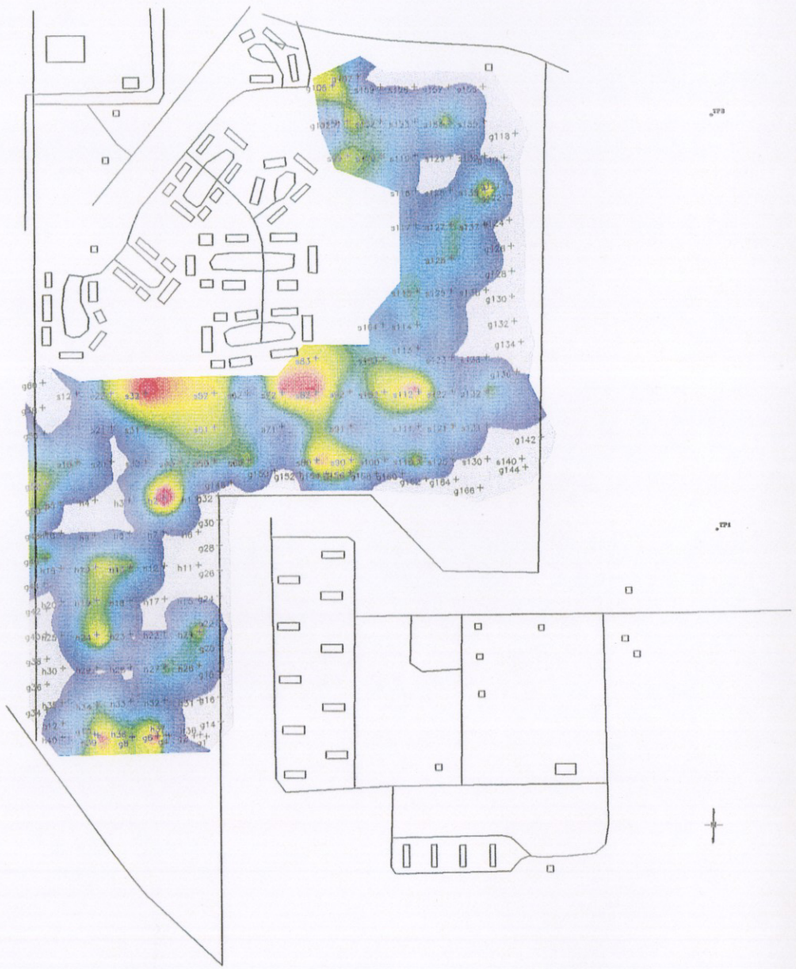

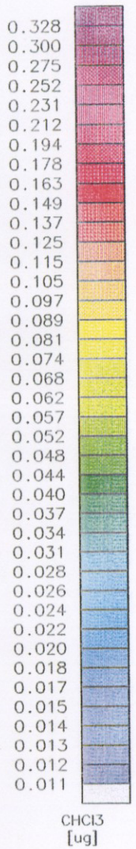

Scale 1:10000

250 0 250

(meters)

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CHLOROFORM

BROWN & ROOT, OAK RIDGE, TN

REV. #: 1
REV. DATE: Oct. 22, 1997

DATE DRAWN:	Sept. 16, 1997	GRID FILE:	CF01.GRD
DRAWN BY:	RF	PLOT FILE:	CFC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

APPENDIX C

DIRECT PUSH GROUNDWATER ANALYTICAL RESULTS, FIXED BASE CONFIRMATION RESULTS, AND COMPARISON

Field Lab GW Results

PARAMETER	G00109	G00130	G00209	G00230	G00309	G00330	G00409	G00430	G00509	G00530	G00609	G00630	G00709	G00730	G00809	G00820
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene															<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Bromoform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Bromomethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	16 ug/L	<5 ug/L	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
cis-1,2-Dichloroethene	<5 ug/L	9 ug/L	10 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene															<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)															<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene															<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Trichloroethene	<5 ug/L	116 ug/L	8 ug/L	43 ug/L	<5 ug/L	54 ug/L	<5 ug/L	78 ug/L	<5 ug/L	21 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Vinyl chloride	<5 ug/L	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G00830	G00909	G00930	G01009	G01020	G01030	G01109	G01130	G01209	G01230	G01315	G01330	G01406	G01430	G01506	G01530	G01609
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<5 ug/L	<10 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<5 ug/L	<10 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane	<5 ug/L		<5 ug/L			<5 ug/L											
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene		<5 ug/L		<5 ug/L	<5 ug/L		<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane	<5 ug/L		<5 ug/L			<5 ug/L											
Bromoform	<5 ug/L		<5 ug/L			<5 ug/L											
Bromomethane	<5 ug/L		<5 ug/L			<5 ug/L											
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane	<5 ug/L		<5 ug/L			<5 ug/L											
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane	<5 ug/L		<5 ug/L			<5 ug/L											
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene		<5 ug/L		<5 ug/L	<5 ug/L		<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane	<5 ug/L		<5 ug/L			<5 ug/L											
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)		<5 ug/L		<5 ug/L	<5 ug/L		<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene		<5 ug/L		<5 ug/L	<5 ug/L		<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene	<5 ug/L		<5 ug/L			<5 ug/L											
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	59 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane	<5 ug/L		<5 ug/L			<5 ug/L											
Vinyl chloride	<5 ug/L	<10 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	12 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G01630	G01708	G01730	G01809	G01830	G01909	G01930	G02009	G02030	G02109	G02130	G02209	G02230	G02309	G02330	G02409	G02430
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	57 ug/L	<5 ug/L	180 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	7 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G02509	G02530	G02609	G02630	G02709	G02730	G02809	G02830	G02909	G02930	G03009	G03030	G03030A	G03109	G03130	G03209
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	12 ug/L	9 ug/L	<5 ug/L	15 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																
Bromoform																
Bromomethane																
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	12 ug/L	9 ug/L	<5 ug/L	13 ug/L	<5 ug/L
Chloroethane																
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	6 ug/L	<5 ug/L	9 ug/L	7 ug/L	<5 ug/L	12 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	13 ug/L	11 ug/L	<5 ug/L	20 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	18 ug/L	<5 ug/L	22 ug/L	<5 ug/L	5 ug/L	<5 ug/L	12 ug/L	<5 ug/L	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G03230	G03312	G03330	G03412	G03430	G03512	G03530	G03612	G03630	G03712	G03730	G03812	G03830	G03912	G03930	G04012	G04030
1 1 1 2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	23 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	17 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	24 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	10 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	66 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	12 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G04112	G04130	G04212	G04230	G04312	G04330	G04412	G04430	G04512	G04530	G04612	G04630	G04712	G04730	G04812	G04830	G04912
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	11 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	5 ug/L	<5 ug/L	47 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	19 ug/L

Field Lab GW Results

PARAMETER	G04930	G05015	G05030	G05109	G05130	G05209	G05230	G05309	G05330	G05409	G05430	G05509	G05530	G05609	G05630	G05709	G05730
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	7 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	9 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	7 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	11 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G05809	G05830	G05910	G05930	G06010	G06030	G06110	G06130	G06209	G06230	G06309	G06330	G06409	G06430	G06509	G06530
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloropropane															<5 ug/L	<5 ug/L
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane															<5 ug/L	<5 ug/L
Bromoform															<5 ug/L	<5 ug/L
Bromomethane															<5 ug/L	<5 ug/L
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane															<5 ug/L	<5 ug/L
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane															<5 ug/L	<5 ug/L
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane															<5 ug/L	<5 ug/L
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L		
trans-1,3-Dichloropropene															<5 ug/L	<5 ug/L
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane															<5 ug/L	<5 ug/L
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<5 ug/L

Field Lab GW Results

PARAMETER	G06609	G06630	G06809	G06830	G07009	G07030	G07209	G07230	G07309	G07330	G07409	G07430	G07509	G07530	G07609	G07630
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene							<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
Bromoform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
Bromomethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene							<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)							<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene							<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L										
Vinyl chloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G07709	G07730	G07809	G07830	G07909	G07930	G08009	G08030	G08109	G08130	G08209	G08230	G08309	G08330	G08409	G08430
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																
Bromoform																
Bromomethane																
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G08509	G08530	G08609	G08630	G08709	G08730	G08809	G08830	G08909	G08930	G09009	G09030	G09109	G09130	G09209	G09230
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																
Bromoform																
Bromomethane																
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G09309	G09330	G09409	G09430	G09509	G09530	G09609	G09630	G09809	G09830	G09909	G09930	G10009	G10030	G10109	G10130
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																
Bromoform																
Bromomethane																
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G10209	G10230	G10309	G10330	G10409	G10430	G10509	G10530	G10609	G10630	G10709	G10730	G10809	G10830	G10909	G10930	G11009
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G11030	G11109	G11130	G11209	G11230	G11309	G11330	G11409	G11430	G11509	G11530	G11609	G11630	G11709	G11730	G11809	G11830	G11909
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																		
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																		
Bromoform																		
Bromomethane																		
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																		
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																		
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																		
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																		
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																		
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G11930	G12009	G12030	G12109	G12130	G12209	G12230	G12309	G12330	G12409	G12430	G12509	G12530	G12609	G12630	G12709	G12730
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G12809	G12830	G12909	G12930	G13009	G13030	G13109	G13130	G13209	G13230	G13309	G13330	G13409	G13430	G13509	G13520	G13609
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	7 ug/L	<5 ug/L	24H ug/L	<5 ug/L	<5 ug/L	10 ug/L	8 ug/L	<5 ug/L	<5 ug/L	7 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	9 ug/L	<5 ug/L	22H ug/L	<5 ug/L	<5 ug/L	14 ug/L	10 ug/L	12 ug/L	<5 ug/L	9 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G13630	G13709	G13730	G13809	G13830	G13909	G13930	G14009	G14030	G14109	G14130	G14209	G14230	G14309	G14330	G14409	G14430
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G14509	G14530	G14609	G14630	G14709	G14730	G14809	G14830	G14909	G14930	G15009	G15030	G15109	G15130	G15209	G15230	G15309
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	51 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	33 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	10 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	58 ug/L	<5 ug/L	12 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	32 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	7 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	42 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G15330	G15409	G15430	G15509	G15530	G15609	G15630	G15709	G15730	G15809	G15830	G15909	G15930	G16009	G16030	G16109	G16130
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G16209	G16230	G16309	G16330	G16409	G16430	G16509	G16530	G16609	G16630	G16709	G16730	G16809	G16830	G16909	G16930	G17009
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,2-Dichloropropane																	
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane																	
Bromoform																	
Bromomethane																	
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroethane																	
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane																	
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane																	
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene																	
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane																	
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Field Lab GW Results

PARAMETER	G17030	G17109	G17130	G17209	G17230	G17309	G17330	G17409	G17430
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	8 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloropropane				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
a-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L						
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	7 ug/L	<5 ug/L	7 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromodichloromethane				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromoform				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromomethane				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	5 ug/L	<5 ug/L	18 ug/L	<5 ug/L	<5 ug/L
Chloroethane				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloromethane				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	8 ug/L	<5 ug/L	7 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L						
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Dichloromethane				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
m- & p-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	26 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L						
o-Xylene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	5 ug/L	<5 ug/L	<5 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropene	<5 ug/L	<5 ug/L	<5 ug/L						
trans-1,3-Dichloropropene				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Trichlorofluoromethane				<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	6 ug/L	<5 ug/L	<5 ug/L

Fixed Lab GW Confirmation Results

PARAMETER	CP0460C	G00409	G00630	G01430	G01909	G02409	G02930	G03030	G03730	G04212	G04730	G05209	G06209	G06509	G07030
1,1,1-TRICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1,2,2-TETRACHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1,2-TRICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1-DICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1-DICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROETHENE (TOTAL)	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	2 UG/L	12.8 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L
1,2-DICHLOROPROPANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,3-DICHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,4-DICHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	1.7 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
2-CHLOROETHYL VINYL ETHER	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	1 UG/L	8.9 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BROMODICHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BROMOFORM	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BROMOMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CARBON TETRACHLORIDE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROBENZENE	<1 UG/L	<1 UG/L	2.5 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	1 UG/L	10.6 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROFORM	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CIS-1,2-DICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	1 UG/L	12.8 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CIS-1,3-DICHLOROPROPENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
DIBROMOCHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
DICHLORODIFLUOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
ETHYLBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
METHYL TERT-BUTYL ETHER	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
METHYLENE CHLORIDE	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L
TETRACHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TOLUENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	1.2 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRANS-1,2-DICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRANS-1,3-DICHLOROPROPENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	1 UG/L	1.4 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRICHLOROFLUOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
VINYL CHLORIDE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	1 UG/L	7.8 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
XYLENES, TOTAL	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	16.9 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L

Fixed Lab GW Confirmation Results

PARAMETER	G07030-D	G07530	G08030	G08430	G08909	G09830	G10009	G10009-D	G10130	G10530	G11309	G12009	G12509	G13130	G13609
1,1,1-TRICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1,2,2-TETRACHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1,2-TRICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1-DICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1-DICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROETHENE (TOTAL)	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L
1,2-DICHLOROPROPANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,3-DICHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,4-DICHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	5.2 UG/L	<1 UG/L
2-CHLOROETHYL VINYL ETHER	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	4.8 UG/L	<1 UG/L
BROMODICHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BROMOFORM	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BROMOMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CARBON TETRACHLORIDE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	16.2 UG/L	<1 UG/L
CHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROFORM	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CIS-1,2-DICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CIS-1,3-DICHLOROPROPENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
DIBROMOCHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
DICHLORODIFLUOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
ETHYLBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
METHYL TERT-BUTYL ETHER	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
METHYLENE CHLORIDE	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L
TETRACHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TOLUENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRANS-1,2-DICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRANS-1,3-DICHLOROPROPENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRICHLOROFLUOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
VINYL CHLORIDE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
XYLENES, TOTAL	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L

Fixed Lab GW Confirmation Results

PARAMETER	G14130	G14530	G14530-D	G15130	G15509	G16030	G16509	G17030	G17309	G17309-D
1,1,1-TRICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1,2,2-TETRACHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1,2-TRICHLOROETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1-DICHLOROETHANE	<1 UG/L	1.2 UG/L	1.2 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,1-DICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROETHANE	<1 UG/L	4.4 UG/L	4 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,2-DICHLOROETHENE (TOTAL)	<2 UG/L	85.9 UG/L	91.5 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L	<2 UG/L
1,2-DICHLOROPROPANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,3-DICHLOROBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
1,4-DICHLOROBENZENE	<1 UG/L	3.5 UG/L	3.2 UG/L	1.2 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
2-CHLOROETHYL VINYL ETHER	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BENZENE	<1 UG/L	10 UG/L	9.9 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BROMODICHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BROMOFORM	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
BROMOMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CARBON TETRACHLORIDE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROBENZENE	<1 UG/L	5.4 UG/L	5.3 UG/L	2.8 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROETHANE	<1 UG/L	<1 UG/L	2.2 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROFORM	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CIS-1,2-DICHLOROETHENE	<1 UG/L	61.3 UG/L	65.8 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
CIS-1,3-DICHLOROPROPENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
DIBROMOCHLOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
DICHLORODIFLUOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
ETHYLBENZENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
METHYL TERT-BUTYL ETHER	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
METHYLENE CHLORIDE	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L	<5 UG/L
TETRACHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TOLUENE	<1 UG/L	3.5 UG/L	3.4 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRANS-1,2-DICHLOROETHENE	<1 UG/L	24.6 UG/L	25.7 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRANS-1,3-DICHLOROPROPENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRICHLOROETHENE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
TRICHLOROFLUOROMETHANE	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
VINYL CHLORIDE	<1 UG/L	32 UG/L	46.1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L	<1 UG/L
XYLENES, TOTAL	<3 UG/L	55.4 UG/L	52.3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L	<3 UG/L

TO: **MIKE CAMPBELL** **DATE:** **MARCH 3, 1998**

FROM: **LINDA KARSONOVICH**

SUBJECT: **COMPARISONS OF VOLATILE ORGANIC RESULTS FOR FIXED BASE AND FIELD LABORATORY DATA**

SAMPLES:

FIXED BASE	FIELD
NTCGWX2930	NTC-GW-G29-30
NTCWX3030	NTC-GW-G30-30
NTCWX13130	NTCGW13130
NTCWX14530	NTC-GW-G145-30
NTCWX15130	
NTCGWX0630	
NTCGWX0409	
NTCGWX6509	
NTCGWX7030	
NTCGWX17309	
NTCGWD00300	
NTCGWD00400	
NTCTB02700	

Volatile organic results generated by both fixed base and field laboratory methods were compared for thirteen (13) aqueous environmental samples. In cases where no corresponding field number is given, the field laboratory reported all compounds as nondetected.

The comparison was conducted to provide assurance as to the reliability of the field laboratory data. The objective is to compare the fixed base and field laboratory results and draw conclusions as to the accuracy of the field results in terms of compound identification and quantitation. The comparison shall consider positive results reported by either the fixed base or field laboratory.

The data has been organized into several tables. Table 1 compares the target compound list for the fixed base and field laboratory and Tables 2 through 8 compare the compound results site by site.

Table 1 lists the compounds analyzed by both the field and fixed laboratories. The fixed base laboratory had a more extensive target compound list, analyzing for thirty six (36) parameters as compared to the twenty nine (29) analyzed for by the field laboratory. In general there were no notable differences in the target compound lists with the exception of Xylene(total) and 1,2-Dichloroethene(total). The fixed base

TABLE 1: COMPOUND LIST

Compound	Fixed Base	Field
1,1,1,2-Tetrachloroethane		X
1,1,1-Trichloroethane	X	X
1,1,2,2-Tetrachloroethane	X	X
1,1,2-trichloroethane	X	X
1,1-Dichloroethane	X	X
1,1-Dichloroethene	X	X
1,2,3-Trichloropropane		X
1,2-Dichlorobenzene	X	X
1,2-Dichloroethane	X	X
1,2-Dichloroethene(total)	X	
1,2-Dichloropropane	X	
1,3-Dichlorobenzene	X	X
1,4-Dichlorobenzene	X	X
2-Chloroethyl vinyl ether	X	
a-Chlorotoluene		X
Benzene	X	X
Bromodichloromethane	X	
Bromoform	X	
Bromomethane	X	
Bromobenzene		X
Carbon tetrachloride	X	X
Chlorobenzene	X	X
Chloroethane	X	
Chloroform	X	X
Chloromethane	X	
cis-1,2-Dichloroethene	X	X
cis-1,3-Dichloropropene	X	X
Dibromochloromethane	X	X
Dichlorodifluoromethane	X	
Ethylbenzene	X	X
Methyl tert-butyl ether	X	X
Methylene chloride	X	
Tetrachloroethene	X	X
Toluene	X	X
trans-1,2-Dichloroethene	X	X
trans-1,3-Dichloropropene	X	X
Trichloroethene	X	X
Trichlorofluoromethane	X	
Vinyl Chloride	X	X
Xylenes(total)	X	X

and field laboratory differed in their presentation of data for m-, p-, and o-xylene as well as cis- and trans-1,2-Dichloroethene.

Xylenes (total) is actually comprised of three isomers, m-xylene, p-xylene, and o-xylene. Fixed base laboratories normally group all three isomers together and report them as a single compound, as was done in this case. The field laboratory reported two xylene results, m- and p-xylene combined and a separate result for o-xylene. In order to compare the field results to the fixed base laboratory the two field results were added together to yield xylene(total).

A similar situation occurs with 1,2-Dichloroethene(total) which was reported by the fixed based laboratory but not by the field laboratory. Results for 1,2-Dichloroethene(total) are calculated by adding together results of two isomers, cis-1,2-Dichloroethene and trans-1,2-Dichloroethene. Both the fixed base and field laboratories analyzed for the two isomers. In order to compare the field results to the fixed base laboratory the two field results were added together to yield 1,2-Dichloroethene(total).

Tables 2 through 8 compare the compound results reported for each sample by both fixed base and field laboratories. Results listed as ND were not detected in the associated sample. Relative percent differences (RPDs) were calculated wherever positive results were reported by both the fixed base and field laboratories.

TABLE 2: SAMPLE COMPARISONS: NTCGWX2930 and NTC-GW-G29-30

Compound	Fixed		Field		RPD
1,2-Dichloroethene(total)	**2**	**µg/L**	**6**	**µg/L**	**100**
Benzene	1	µg/L	ND		
Chlorobenzene	1	µg/L	ND		
cis-1,2-Dichloroethene	**1**	**µg/L**	**6**	**µg/L**	**143**
Tetrachloroethene	**1**	**µg/L**	**6**	**µg/L**	**143**
Trichloroethene	**1**	**µg/L**	**6**	**µg/L**	**143**
Vinyl chloride	1	µg/L	ND		

The 1,2-Dichloroethene(total) result reported by the fixed base laboratory may be incorrect. The fixed base laboratory did not report a result for trans-1,2-dichloroethene, they reported only cis-1,2-dichloroethene at a level of 1 µg/L; therefore 1,2-dichloroethene(total) should equal 1 µg/L. Of the six remaining compounds detected by the fixed base laboratory, only three were detected by the field laboratory. This indicates that the field laboratory may not have the same capability to detect and quantitate target compounds near the reporting limit as the fixed base laboratory appears to have. In each case the RPD between fixed base and field results was 100% or higher.

TABLE 3: SAMPLE COMPARISONS: NTCWX3030 AND NTC-GW-G30-30

Compound	Fixed		Field		RPD
1,2-Dichloroethene(total)	**12.8**	**µg/L**	**12.8**	**µg/L**	**35**
1,4-Dichlorobenzene	1.7	µg/L	ND		
Benzene	**8.9**	**µg/L**	**12**	**µg/L**	**30**
Chlorobenzene	**10.6**	**µg/L**	**12**	**µg/L**	**12**
cis-1,2-Dichloroethene	**12.8**	**µg/L**	**9**	**µg/L**	**35**
Toluene	1.2	µg/L	ND		
Trichloroethene	1.4	µg/L	ND		
Vinyl chloride	7.8	µg/L	ND		
Xylenes(total)	**16.9**	**µg/L**	**13**	**µg/L**	**26**

In this case, the fixed base laboratory accurately reported the 1,2-Dichloroethene(total) result. Of the eight (8) compounds detected by the fixed base laboratory only four were also detected by the field laboratory. All four of the positive results reported by the field laboratory were at a concentration of 9 µg/L or higher. All four positive results reported by the field laboratory had RPDs of 35% or less. This indicates that above a level of approximately two times the stated reporting limit the field laboratory demonstrates good comparability in terms of compounds identified and good performance in terms of the concentrations reported. However, at concentrations near or below the stated reporting limit, the field laboratory continues to demonstrate apparent poor performance in the detection and reporting of target compounds.

TABLE 4: SAMPLE COMPARISONS: NTCWX13130 AND NTCGW13130

Compound	Fixed		Field		RPD
1,4-Dichlorobenzene	5.2	µg/L	ND		
Benzene	4.8	µg/L	ND		
Chlorobenzene	**16.2**	**µg/L**	**12**	**µg/L**	**30**

This sample continues the trend identified in previous samples. The field laboratory apparently failed to identify or quantitate target compounds reported near the stated reporting limit. However, for target compounds present at concentration greater than two times the reporting limit, the field laboratory demonstrates an acceptable ability to identify and quantitate target compounds.

TABLE 5: SAMPLE COMPARISONS: NTCWX14530 AND NTC-GW-G145-30

Compound	Fixed		Field		RPD
1,1-Dichloroethane	**1.2**	**µg/L**	**51**	**µg/L**	**151**
1,2-Dichloroethane	4.4	µg/L	ND		
1,2-Dichloroethene(total)	**85.9**	**µg/L**	**100**	**µg/L**	**32**
1,4-Dichlorobenzene	3.5	µg/L	ND		
Benzene	**10**	**µg/L**	**10**	**µg/L**	**0**
Chlorobenzene	5.4	µg/L	ND		
cis-1,2-Dichloroethene	**61.3**	**µg/L**	**58**	**µg/L**	**6**
Toluene	3.5	µg/L	ND		
Trans-1,2-Dichloroethene	**24.6**	**µg/L**	**42**	**µg/L**	**52**
Vinyl chloride	32	µg/L	ND		
Xylenes(total)	**55.4**	**µg/L**	**39**	**µg/L**	**35**
1,3-Dichlorobenzene(meta)	ND		33	µg/L	

This sample continues the trend seen in previous samples with the following exceptions, 1,1-Dichloroethane, Vinyl chloride, and 1,3-Dichlorobenzene. Vinyl chloride and 1,1-Dichloroethane are early eluting compounds and may be misidentified and/or misquantitated due to interference from the solvent front in the first part of the chromatogram. This may explain the discrepancy between the field and fixed base data for these two compounds. The discrepancy in the 1,3-Dichlorobenzne results may be due to co-elution problems in the field; however, without more information regarding how the analyses were performed, this is only speculation.

TABLE 6: SAMPLE COMPARISONS: NTCWX15130

Compound	Fixed		Field	RPD
1,4-Dichlorobenzene	1.2	µg/L	ND	
Chlorobenzene	2.8	µg/L	ND	

This sample continues the trend identified in previous samples. The field laboratory apparently failed to identify or quantitate target compounds reported near the stated reporting limit.

TABLE 7: SAMPLE COMPARISONS: NTCGWX0630

Compound	Fixed		Field	RPD
Chlorobenzene	2.8	µg/L	ND	

This sample also continues the trend identified in previous samples. The field laboratory apparently failed to identify or quantitate target compounds reported near the stated reporting limit.

TABLE 8: SAMPLE COMPARISONS

Sample	Compound	Fixed	Field	RPD
NTCGWX0630	All Compounds	ND	ND	
NTCGWX6509	All Compounds	ND	ND	
NTCGWX7030	All Compounds	ND	ND	
NTCGWX17309	All Compounds	ND	ND	
NTCGWD00300	All Compounds	ND	ND	
NTCGWD00400	All Compounds	ND	ND	
NTCTB02700	All Compounds	ND	ND	

Both the fixed base and field laboratory reported nondetects for all target compounds.

Conclusions

The field laboratory seems to be able generate reliable compound identifications/quantitation for concentrations greater than 10 µg/L. However, early eluting compounds, such as Vinyl chloride and 1,1-Dichloroethane may not be accurately identified or quantitated (refer to Table 5). This may be due to co-elution and/or interferences in the early part of the chromatogram. The field laboratory may also have a problem distinguishing interfering compounds which elute near or at the same retention time as target compounds.

Below 10 µg/L the field laboratory demonstrates a questionable ability to reliably identify or quantitate target compounds. The fixed base laboratory reported 25 positive results at concentrations of 10 µg/L or less, the field laboratory only reported eight (8) positive results. However, in those cases where the fixed base laboratory reported the absence of any target compounds (refer to Table 8), the field laboratory also reported the absence of target compounds.

Overall the field laboratory appears to be capable of producing data at concentrations greater than 10 µg/L which will provide a good general picture of contaminants present at the site. However, the fixed base laboratory is able to identify more target compounds over a greater linear range.

APPENDIX D

CONE PENETROMETER LOGS AND GROUNDWATER ANALYTICAL RESULTS

WILLIAMS
EARTH SCIENCES

December 10, 1997

Brown & Root Environmental
800 Oakridge Turnpike, Suite A-600
Oakridge, TN 37830

Attention: Mike Campbell

Subject: Report of Cone Penetrometer and BAT Sampling Services (*Revised*)
Orlando Naval Training Center
Orlando, Florida
Williams Project Nº: C397148

Dear Mr. Campbell:

Williams Earth Sciences, Inc. has completed the geotechnical exploration for the above referenced project. This work was performed as authorized by Brown and Root Environmental.

The results of the exploration are presented in the following report. Included are graphical plots of the Cone Penetrometer (CPT) soundings and the interpreted measurements. The interpretation is presented averaged over each foot of sounding. Also included are the graphical plots of the pore pressure dissipation tests.

If you have any questions concerning this report, or if you need any additional information or field work, please do not hesitate to contact our office. We appreciate the opportunity of working with you on the project, and look forward to a successful completion.

Very truly yours,

WILLIAMS EARTH SCIENCES, INC.

Robert B. Leadbetter, III, E.I.
Geotechnical Engineer

Keith D. Bennett, P.E.
Senior Geotechnical Engineer
Florida Registration Nº 33075

F:\PROJECTS\C397148\RPTLTR2.WPD
Submittals (2) Addressee
(1) File

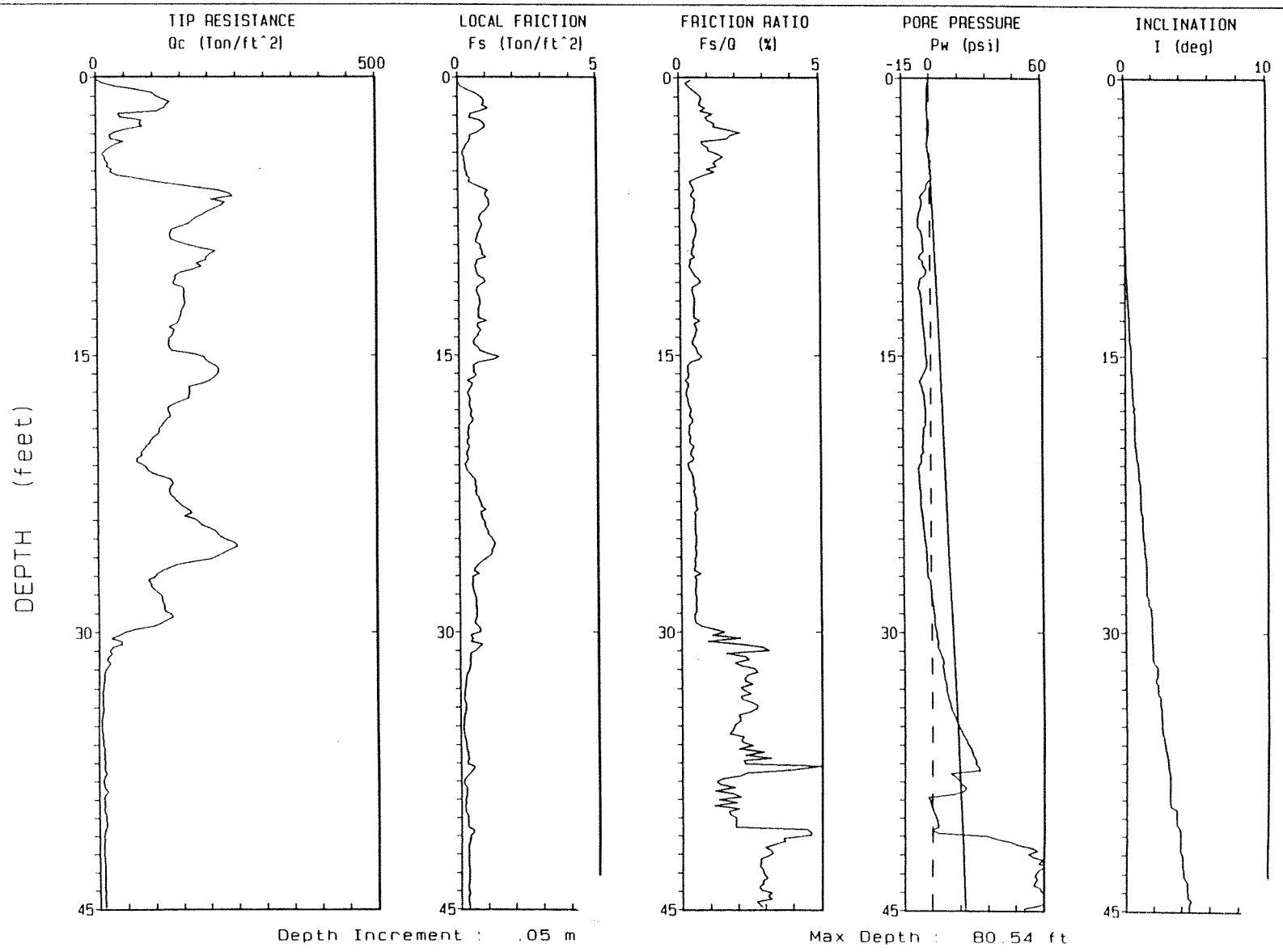
CORPORATE OFFICE:
10600 Endeavour Way
Largo, FL 33777
(813) 541-3444 FAX (813) 541-1510
WESLargo@aol.com

GEOTECHNICAL & MATERIALS ENGINEERING & TESTING

Williams & Assoc.

Operator : J. MAURER | CPT Date : 10-24-97 13:53 | Sounding : 102401 Pg 1 / 2

Location : CPT-1 | Cone Used : 391 | Job No. : C397148



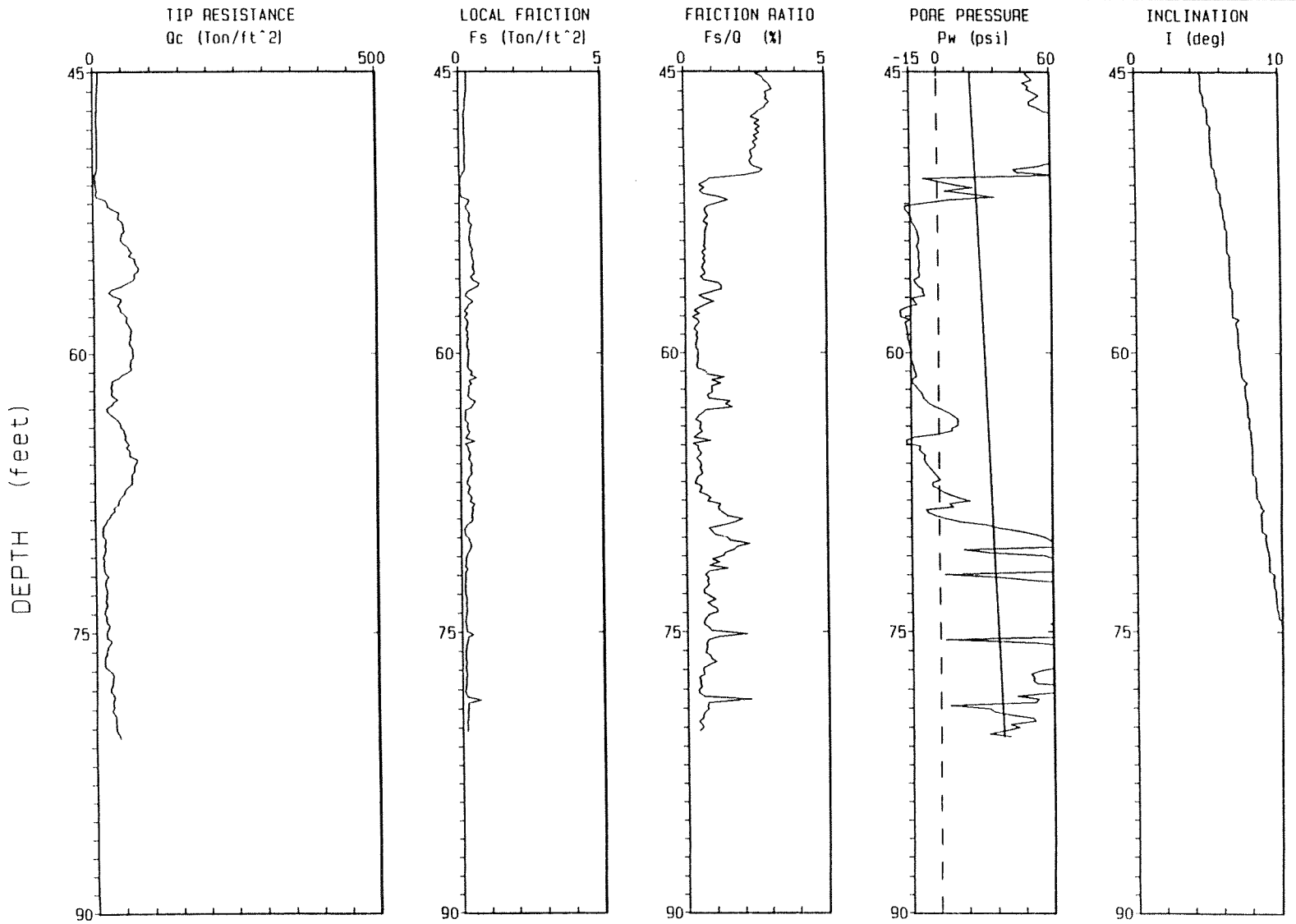
Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER | CPT Date : 10-24-97 13:53 | Sounding : 102401 Pg 2 / 2

Location : CPT-1 | Cone Used : 391 | Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC
0

Operator :J. MAURER
Location :CPT-1
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :10-24-97 13:53
Cone Used :391
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	52.77	0.31	0.58	0.03	sand to silty sand	>90	>48	13	UNDEFINED
0.60	2	106.98	0.86	0.81	0.08	sand to silty sand	>90	>48	26	UNDEFINED
0.95	3	56.00	0.74	1.32	0.14	silty sand to sandy silt	70-80	46-48	18	UNDEFINED
1.25	4	26.58	0.28	1.05	0.20	sandy silt to clayey silt	UNDFND	UNDFD	10	2.6
1.55	5	20.20	0.25	1.25	0.25	sandy silt to clayey silt	UNDFND	UNDFD	8	1.9
1.85	6	124.18	0.59	0.48	0.31	sand	80-90	46-48	24	UNDEFINED
2.15	7	225.22	1.06	0.47	0.34	sand	>90	>48	43	UNDEFINED
2.45	8	174.85	0.82	0.47	0.36	sand	>90	46-48	33	UNDEFINED
2.75	9	139.03	0.70	0.50	0.39	sand	80-90	46-48	27	UNDEFINED
3.05	10	195.10	0.80	0.41	0.41	sand	>90	46-48	37	UNDEFINED
3.35	11	153.73	0.75	0.49	0.43	sand	>90	46-48	29	UNDEFINED
3.65	12	151.97	0.71	0.47	0.46	sand	80-90	46-48	29	UNDEFINED
3.95	13	151.37	0.72	0.48	0.48	sand	80-90	44-46	29	UNDEFINED
4.25	14	136.52	0.76	0.56	0.50	sand	80-90	44-46	26	UNDEFINED
4.55	15	135.10	0.69	0.51	0.53	sand	80-90	44-46	26	UNDEFINED
4.85	16	205.33	0.83	0.41	0.55	sand	>90	46-48	39	UNDEFINED
5.15	17	189.57	0.46	0.24	0.57	sand	>90	46-48	36	UNDEFINED
5.45	18	149.62	0.36	0.24	0.60	sand	80-90	44-46	29	UNDEFINED
5.75	19	122.85	0.43	0.35	0.62	sand	70-80	44-46	24	UNDEFINED
6.05	20	101.12	0.31	0.31	0.64	sand	70-80	42-44	19	UNDEFINED
6.40	21	76.70	0.29	0.37	0.67	sand to silty sand	60-70	40-42	18	UNDEFINED
6.70	22	108.43	0.41	0.38	0.70	sand	70-80	42-44	21	UNDEFINED
7.00	23	131.98	0.64	0.48	0.72	sand	70-80	42-44	25	UNDEFINED
7.35	24	162.29	0.83	0.51	0.74	sand	80-90	44-46	31	UNDEFIN
7.65	25	210.13	1.05	0.50	0.77	sand	>90	44-46	40	UNDEFINED
7.95	26	229.98	1.16	0.50	0.79	sand	>90	44-46	44	UNDEFINED
8.25	27	125.33	0.62	0.50	0.82	sand	70-80	42-44	24	UNDEFINED
8.55	28	98.35	0.49	0.50	0.84	sand to silty sand	60-70	40-42	24	UNDEFINED
8.85	29	117.77	0.60	0.51	0.86	sand	70-80	42-44	23	UNDEFINED
9.15	30	95.32	0.64	0.67	0.89	sand to silty sand	60-70	40-42	23	UNDEFINED
9.45	31	29.70	0.55	1.84	0.91	sandy silt to clayey silt	UNDFND	UNDFD	11	2.8
9.75	32	16.87	0.35	2.08	0.93	clayey silt to silty clay	UNDFND	UNDFD	8	1.5
10.05	33	8.75	0.21	2.39	0.96	silty clay to clay	UNDFND	UNDFD	6	.6
10.35	34	6.77	0.16	2.38	0.98	silty clay to clay	UNDFND	UNDFD	4	.4
10.65	35	6.23	0.14	2.23	1.00	silty clay to clay	UNDFND	UNDFD	4	.4
10.95	36	6.72	0.13	1.99	1.03	silty clay to clay	UNDFND	UNDFD	4	.4
11.25	37	9.60	0.24	2.50	1.05	silty clay to clay	UNDFND	UNDFD	6	.7
11.55	38	10.47	0.30	2.85	1.07	silty clay to clay	UNDFND	UNDFD	7	.8

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	10.18	0.16	1.56	1.10	clayey silt to silty clay	UNDFND	UNDFD	5	.8
12.15	40	9.90	0.16	1.60	1.12	clayey silt to silty clay	UNDFND	UNDFD	5	.7
12.45	41	11.60	0.31	2.64	1.14	silty clay to clay	UNDFND	UNDFD	7	.9
12.80	42	7.89	0.28	3.52	1.17	clay	UNDFND	UNDFD	8	.5
13.10	43	9.15	0.26	2.88	1.19	silty clay to clay	UNDFND	UNDFD	6	.6
13.40	44	9.17	0.27	2.91	1.22	silty clay to clay	UNDFND	UNDFD	6	.6
13.75	45	9.27	0.27	2.92	1.24	silty clay to clay	UNDFND	UNDFD	6	.6
14.05	46	9.00	0.27	2.98	1.27	silty clay to clay	UNDFND	UNDFD	6	.6
14.35	47	7.63	0.22	2.90	1.29	silty clay to clay	UNDFND	UNDFD	5	.5
14.65	48	7.08	0.18	2.57	1.32	silty clay to clay	UNDFND	UNDFD	5	.4
14.95	49	7.62	0.19	2.56	1.34	silty clay to clay	UNDFND	UNDFD	5	.4
15.25	50	8.05	0.19	2.39	1.36	silty clay to clay	UNDFND	UNDFD	5	.5
15.55	51	4.78	0.08	1.76	1.39	sensitive fine grained	UNDFND	UNDFD	2	.2
15.85	52	11.95	0.14	1.14	1.41	clayey silt to silty clay	UNDFND	UNDFD	6	.9
16.15	53	40.57	0.29	0.72	1.43	silty sand to sandy silt	<40	34-36	13	UNDEFINED
16.45	54	51.07	0.37	0.72	1.46	silty sand to sandy silt	40-50	34-36	16	UNDEFINED
16.75	55	62.53	0.41	0.65	1.48	sand to silty sand	40-50	36-38	15	UNDEFINED
17.05	56	74.08	0.46	0.62	1.50	sand to silty sand	50-60	36-38	18	UNDEFINED
17.35	57	44.08	0.42	0.96	1.53	silty sand to sandy silt	<40	34-36	14	UNDEFINED
17.65	58	46.53	0.28	0.61	1.55	silty sand to sandy silt	<40	34-36	15	UNDEFINED
17.95	59	60.47	0.22	0.37	1.57	sand to silty sand	40-50	36-38	14	UNDEFINED
18.25	60	64.33	0.24	0.38	1.60	sand to silty sand	40-50	36-38	15	UNDEFINED
18.55	61	65.35	0.27	0.41	1.62	sand to silty sand	40-50	36-38	16	UNDEFINED
18.85	62	40.65	0.38	0.94	1.64	silty sand to sandy silt	<40	32-34	13	UNDEFINED
19.20	63	31.49	0.35	1.11	1.67	silty sand to sandy silt	<40	30-32	10	UNDEFINED
19.50	64	37.22	0.18	0.49	1.69	silty sand to sandy silt	<40	32-34	12	UNDEFINED
19.80	65	54.80	0.26	0.47	1.72	sand to silty sand	40-50	34-36	13	UNDEFINED
20.15	66	65.19	0.30	0.46	1.74	sand to silty sand	40-50	36-38	16	UNDEFINED
20.45	67	66.10	0.29	0.43	1.77	sand to silty sand	40-50	36-38	16	UNDEFINED
20.75	68	49.10	0.30	0.61	1.79	sand to silty sand	<40	34-36	12	UNDEFINED
21.05	69	30.48	0.40	1.31	1.81	sandy silt to clayey silt	UNDFND	UNDFD	12	2.6
21.35	70	14.73	0.18	1.24	1.84	sandy silt to clayey silt	UNDFND	UNDFD	6	1.0
21.65	71	15.98	0.27	1.66	1.86	clayey silt to silty clay	UNDFND	UNDFD	8	1.2
21.95	72	16.02	0.15	0.92	1.88	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
22.25	73	18.00	0.12	0.66	1.91	sandy silt to clayey silt	UNDFND	UNDFD	7	1.4
22.55	74	17.15	0.15	0.90	1.93	sandy silt to clayey silt	UNDFND	UNDFD	7	1.3
22.85	75	19.43	0.13	0.67	1.95	sandy silt to clayey silt	UNDFND	UNDFD	7	1.5
23.15	76	20.85	0.20	0.96	1.98	sandy silt to clayey silt	UNDFND	UNDFD	8	1.6
23.45	77	16.35	0.12	0.73	2.00	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
23.75	78	27.73	0.13	0.47	2.03	silty sand to sandy silt	<40	<30	9	UNDEFINED
24.05	79	29.43	0.24	0.83	2.05	silty sand to sandy silt	<40	30-32	9	UNDEFINED
24.35	80	32.67	0.17	0.52	2.07	silty sand to sandy silt	<40	30-32	10	UNDEFINED

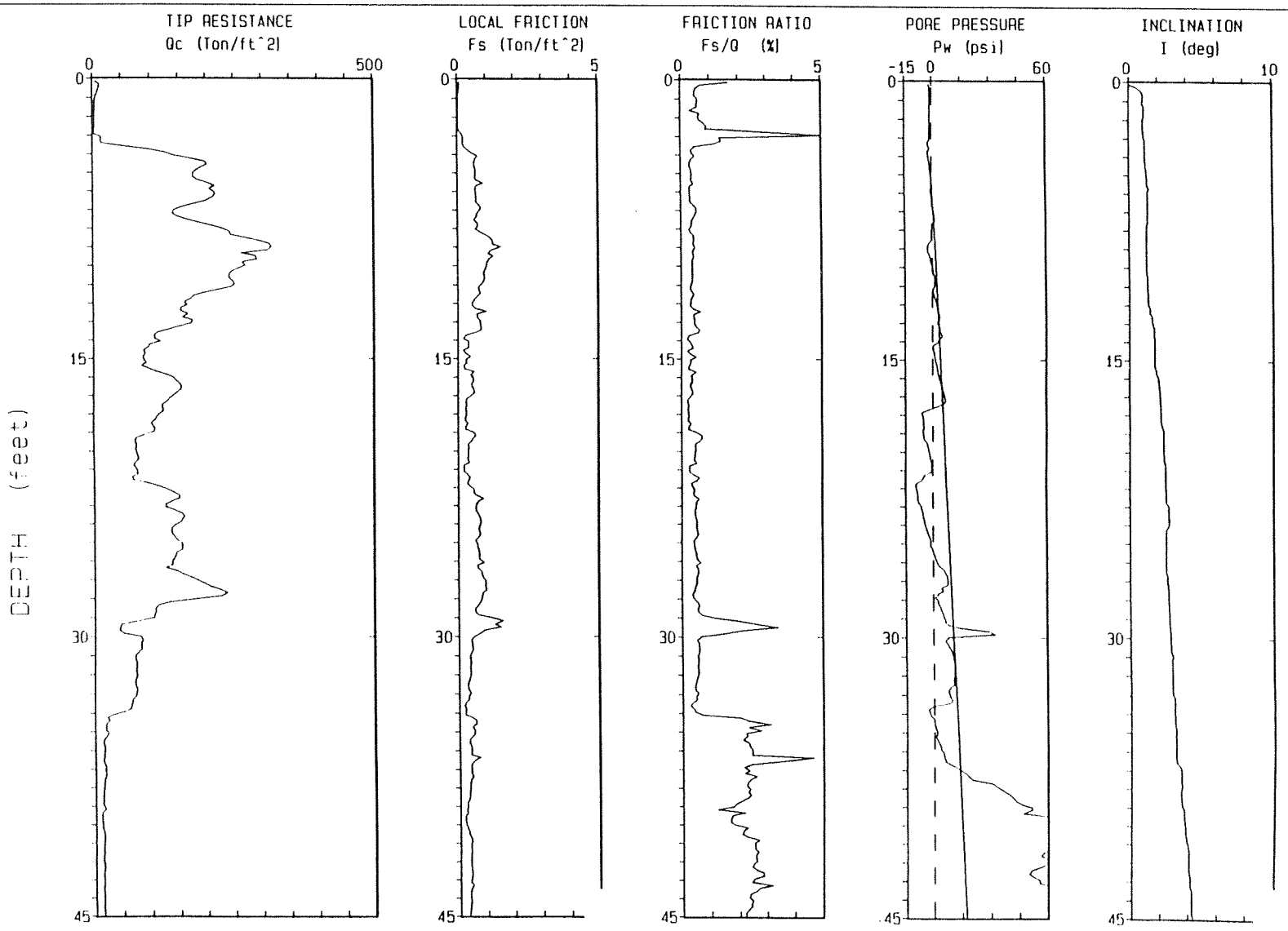
Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER | CPT Date : 10-23-97 10:23 | Sounding : 102301 Pg 1 / 2

Location : CPT-2 | Cone Used : 391 | Job No. : C397148



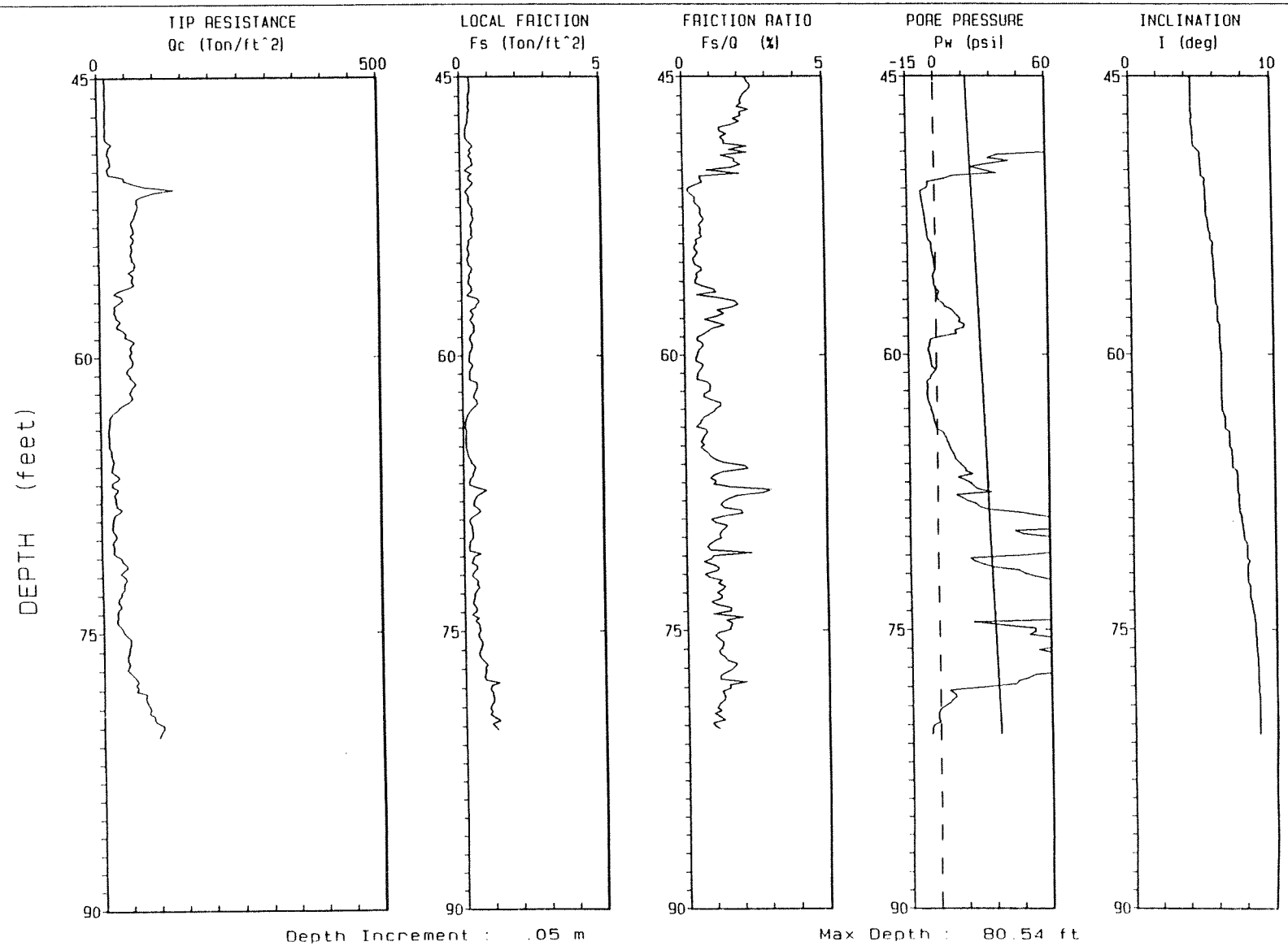
Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER | CPT Date : 10-23-97 10:23 | Sounding : 102301 Pg 2 / 2

Location : CPT-2 | Cone Used : 391 | Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-2
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :10-23-97 10:23
Cone Used :391
Water table (feet) .

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	8.93	0.06	0.67	0.03	clayey silt to silty clay	UNDFND	UNDFD	4	.8
0.60	2	4.42	0.02	0.55	0.08	sensitive fine grained	UNDFND	UNDFD	2	.4
0.95	3	5.06	0.08	1.63	0.14	sensitive fine grained	UNDFND	UNDFD	2	.4
1.25	4	74.83	0.36	0.49	0.20	sand to silty sand	80-90	46-48	18	UNDEFINED
1.55	5	187.75	0.62	0.33	0.25	sand	>90	>48	36	UNDEFINED
1.85	6	200.82	0.69	0.34	0.31	sand	>90	>48	38	UNDEFINED
2.15	7	184.05	0.72	0.39	0.34	sand	>90	>48	35	UNDEFINED
2.45	8	181.18	0.66	0.37	0.36	sand	>90	46-48	35	UNDEFINED
2.75	9	282.27	1.18	0.42	0.39	gravelly sand to sand	>90	>48	45	UNDEFINED
3.05	10	282.68	1.13	0.40	0.41	gravelly sand to sand	>90	>48	45	UNDEFINED
3.35	11	248.37	0.93	0.37	0.43	sand	>90	>48	48	UNDEFINED
3.65	12	195.93	0.68	0.35	0.46	sand	>90	46-48	38	UNDEFINED
3.95	13	162.78	0.73	0.45	0.48	sand	>90	46-48	31	UNDEFINED
4.25	14	131.33	0.59	0.45	0.50	sand	80-90	44-46	25	UNDEFINED
4.55	15	96.43	0.34	0.35	0.53	sand	70-80	42-44	18	UNDEFINED
4.85	16	100.90	0.34	0.34	0.55	sand	70-80	42-44	19	UNDEFINED
5.15	17	149.48	0.53	0.36	0.57	sand	80-90	44-46	29	UNDEFINED
5.45	18	127.52	0.31	0.24	0.60	sand	80-90	44-46	24	UNDEFINED
5.75	19	108.10	0.28	0.26	0.62	sand	70-80	42-44	21	UNDEFINED
6.05	20	81.73	0.47	0.58	0.64	sand to silty sand	60-70	42-44	20	UNDEFINED
6.40	21	75.03	0.31	0.41	0.67	sand to silty sand	60-70	40-42	18	UNDEFINED
6.70	22	83.47	0.34	0.40	0.70	sand to silty sand	60-70	40-42	20	UNDEFINED
7.00	23	139.32	0.66	0.47	0.72	sand	80-90	42-44	27	UNDEFINED
7.35	24	147.66	0.72	0.49	0.74	sand	80-90	44-46	28	UNDEF
7.65	25	142.58	0.70	0.49	0.77	sand	80-90	42-44	27	UNDEFINED
7.95	26	146.12	0.76	0.52	0.79	sand	80-90	42-44	28	UNDEFINED
8.25	27	153.77	0.82	0.53	0.82	sand	80-90	42-44	29	UNDEFINED
8.55	28	212.43	0.91	0.43	0.84	sand	>90	44-46	41	UNDEFINED
8.85	29	111.80	0.76	0.68	0.86	sand to silty sand	70-80	42-44	27	UNDEFINED
9.15	30	58.03	1.10	1.89	0.89	silty sand to sandy silt	50-60	38-40	19	UNDEFINED
9.45	31	79.93	0.44	0.56	0.91	sand to silty sand	60-70	40-42	19	UNDEFINED
9.75	32	73.53	0.40	0.55	0.93	sand to silty sand	50-60	38-40	18	UNDEFINED
10.05	33	73.23	0.35	0.47	0.96	sand to silty sand	50-60	38-40	18	UNDEFINED
10.35	34	64.32	0.25	0.39	0.98	sand to silty sand	50-60	38-40	15	UNDEFINED
10.65	35	23.25	0.48	2.08	1.00	sandy silt to clayey silt	UNDFND	UNDFD	9	2.1
10.95	36	18.40	0.42	2.28	1.03	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
11.25	37	16.52	0.48	2.91	1.05	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
11.55	38	16.97	0.40	2.34	1.07	clayey silt to silty clay	UNDFND	UNDFD	8	1.4

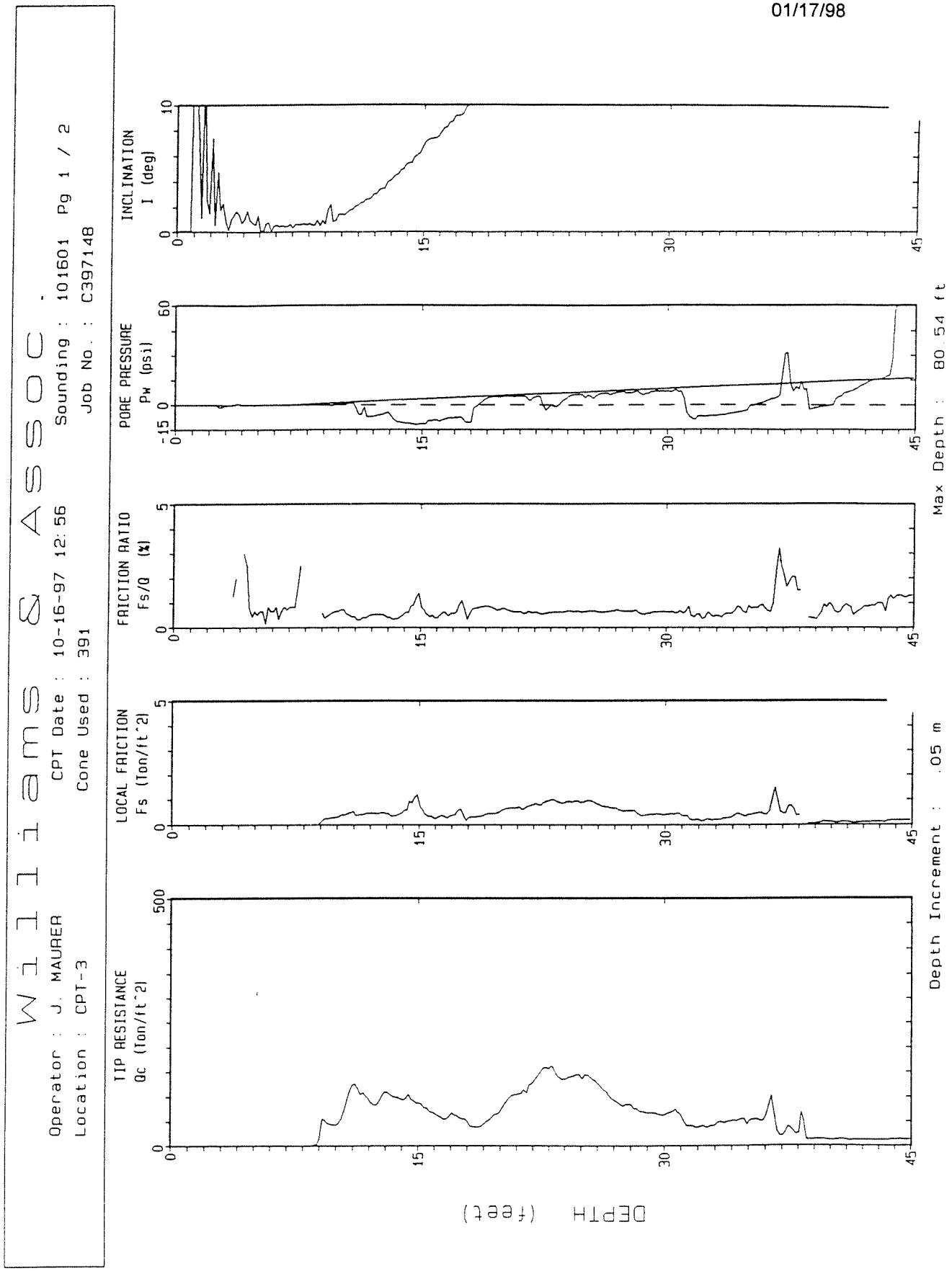
Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	14.03	0.31	2.21	1.10	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
12.15	40	13.12	0.22	1.65	1.12	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
12.45	41	13.85	0.31	2.21	1.14	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
12.80	42	14.46	0.37	2.57	1.17	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.10	43	14.85	0.39	2.61	1.19	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.40	44	14.58	0.38	2.59	1.22	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.75	45	14.63	0.34	2.33	1.24	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.05	46	14.95	0.35	2.34	1.27	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.35	47	14.87	0.32	2.15	1.29	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.65	48	14.15	0.24	1.67	1.32	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
14.95	49	18.70	0.34	1.79	1.34	sandy silt to clayey silt	UNDFND	UNDFD	7	1.6
15.25	50	19.92	0.33	1.67	1.36	sandy silt to clayey silt	UNDFND	UNDFD	8	1.7
15.55	51	65.45	0.33	0.50	1.39	sand to silty sand	40-50	36-38	16	UNDEFINED
15.85	52	75.60	0.28	0.37	1.41	sand to silty sand	50-60	36-38	18	UNDEFINED
16.15	53	62.02	0.39	0.63	1.43	sand to silty sand	40-50	36-38	15	UNDEFINED
16.45	54	60.32	0.34	0.56	1.46	sand to silty sand	40-50	36-38	14	UNDEFINED
16.75	55	59.20	0.23	0.39	1.48	sand to silty sand	40-50	36-38	14	UNDEFINED
17.05	56	59.00	0.29	0.49	1.50	sand to silty sand	40-50	36-38	14	UNDEFINED
17.35	57	42.78	0.33	0.77	1.53	silty sand to sandy silt	<40	34-36	14	UNDEFINED
17.65	58	28.52	0.45	1.56	1.55	sandy silt to clayey silt	UNDFND	UNDFD	11	2.5
17.95	59	38.83	0.37	0.95	1.57	silty sand to sandy silt	<40	32-34	12	UNDEFINED
18.25	60	56.35	0.30	0.53	1.60	sand to silty sand	40-50	34-36	13	UNDEFINED
18.55	61	54.15	0.27	0.51	1.62	sand to silty sand	40-50	34-36	13	UNDEFINED
18.85	62	57.70	0.38	0.66	1.64	sand to silty sand	40-50	34-36	14	UNDEFINED
9.20	63	45.73	0.43	0.94	1.67	silty sand to sandy silt	<40	34-36	15	UNDEFINED
9.50	64	17.28	0.12	0.69	1.69	sandy silt to clayey silt	UNDFND	UNDFD	7	1.3
19.80	65	15.00	0.10	0.67	1.72	sandy silt to clayey silt	UNDFND	UNDFD	6	1.1
20.15	66	20.21	0.22	1.08	1.74	sandy silt to clayey silt	UNDFND	UNDFD	8	1.6
20.45	67	23.85	0.29	1.22	1.77	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
20.75	68	26.05	0.52	2.01	1.79	sandy silt to clayey silt	UNDFND	UNDFD	10	2.2
21.05	69	26.95	0.40	1.49	1.81	sandy silt to clayey silt	UNDFND	UNDFD	10	2.3
21.35	70	22.47	0.28	1.27	1.84	sandy silt to clayey silt	UNDFND	UNDFD	9	1.8
21.65	71	24.22	0.28	1.16	1.86	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
21.95	72	39.35	0.35	0.88	1.88	silty sand to sandy silt	<40	32-34	13	UNDEFINED
2.25	73	37.85	0.43	1.14	1.91	silty sand to sandy silt	<40	30-32	12	UNDEFINED
2.55	74	28.47	0.35	1.24	1.93	sandy silt to clayey silt	UNDFND	UNDFD	11	2.4
22.85	75	29.25	0.44	1.51	1.95	sandy silt to clayey silt	UNDFND	UNDFD	11	2.5
23.15	76	46.22	0.53	1.16	1.98	silty sand to sandy silt	<40	32-34	15	UNDEFINED
3.45	77	43.65	0.62	1.41	2.00	silty sand to sandy silt	<40	32-34	14	UNDEFINED
23.75	78	56.13	0.82	1.47	2.03	silty sand to sandy silt	<40	34-36	18	UNDEFINED
24.05	79	74.55	0.95	1.27	2.05	silty sand to sandy silt	40-50	36-38	24	UNDEFINED
4.35	80	91.10	0.97	1.07	2.07	sand to silty sand	50-60	36-38	22	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

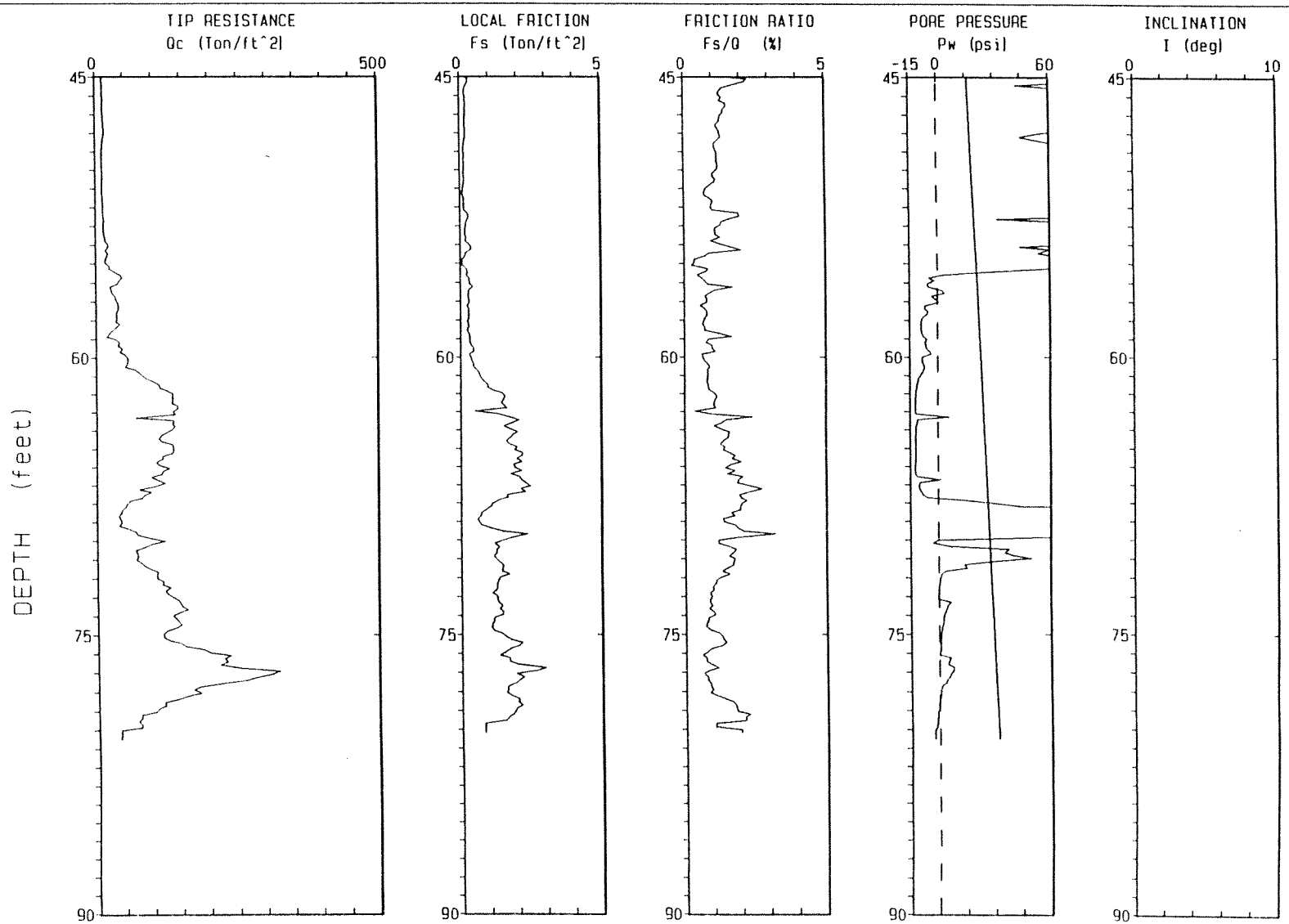
**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****


Williams & Assoc.
Operator : J. MAURER
Location : CPT-3
CPT Date : 10-16-97 12:56
Cone Used : 391
Sounding : 101601 Pg 1 / 2
Job No. : C397148
INCLINATION
I (deg)
PORE PRESSURE
Pw (psi)
FRICTION RATIO
Fs/Q (%)
LOCAL FRICTION
Fs (Ton/ft^2)
TIP RESISTANCE
Qc (Ton/ft^2)
DEPTH (feet)
Max Depth : 80.54 ft
Depth Increment : .05 m

Williams & Assoc.

Operator : J. MAURER | CPT Date : 10-16-97 12:56 | Sounding : 101601 Pg 2 / 2

Location : CPT-3 | Cone Used : 391 | Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-3
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :10-16-97 12:56
Cone Used :391
Water table (feet) :

DEPTH (meters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.05	-0.00	-4.33	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.20	-0.00	-0.50	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.44	-0.00	-0.55	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.17	0.00	0.40	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	0.45	0.00	0.81	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	0.62	0.00	0.59	0.31	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.15	7	0.62	0.00	0.70	0.34	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.45	8	0.27	0.00	1.87	0.36	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.75	9	3.13	0.02	0.50	0.39	sensitive fine grained	UNDFND	UNDFD	2	.2
3.05	10	47.10	0.25	0.53	0.41	sand to silty sand	50-60	40-42	11	UNDEFINED
3.35	11	83.73	0.43	0.51	0.43	sand to silty sand	70-80	42-44	20	UNDEFINED
3.65	12	109.00	0.41	0.37	0.46	sand	80-90	44-46	21	UNDEFINED
3.95	13	92.87	0.45	0.49	0.48	sand to silty sand	70-80	42-44	22	UNDEFINED
4.25	14	101.15	0.39	0.38	0.50	sand	70-80	44-46	19	UNDEFINED
4.55	15	95.00	0.87	0.92	0.53	sand to silty sand	70-80	42-44	23	UNDEFINED
4.85	16	76.90	0.44	0.57	0.55	sand to silty sand	60-70	42-44	18	UNDEFINED
5.15	17	58.62	0.31	0.53	0.57	sand to silty sand	50-60	40-42	14	UNDEFINED
5.45	18	59.28	0.42	0.71	0.60	sand to silty sand	50-60	40-42	14	UNDEFINED
5.75	19	41.02	0.31	0.75	0.62	silty sand to sandy silt	40-50	38-40	13	UNDEFINED
6.05	20	55.75	0.43	0.78	0.64	silty sand to sandy silt	50-60	40-42	18	UNDEFINED
6.40	21	91.67	0.63	0.69	0.67	sand to silty sand	60-70	42-44	22	UNDEFINED
6.70	22	114.32	0.70	0.61	0.70	sand to silty sand	70-80	42-44	27	UNDEFINED
7.00	23	149.57	0.86	0.57	0.72	sand	80-90	44-46	29	UNDEFINED
7.35	24	145.07	0.92	0.64	0.74	sand	80-90	42-44	28	UNDEFIN
7.65	25	141.82	0.91	0.64	0.77	sand	80-90	42-44	27	UNDEFINED
7.95	26	135.97	0.89	0.65	0.79	sand	70-80	42-44	26	UNDEFINED
8.25	27	105.07	0.69	0.66	0.82	sand to silty sand	70-80	42-44	25	UNDEFINED
8.55	28	84.65	0.56	0.66	0.84	sand to silty sand	60-70	40-42	20	UNDEFINED
8.85	29	71.12	0.41	0.58	0.86	sand to silty sand	50-60	40-42	17	UNDEFINED
9.15	30	64.77	0.41	0.63	0.89	sand to silty sand	50-60	38-40	16	UNDEFINED
9.45	31	68.17	0.42	0.62	0.91	sand to silty sand	50-60	38-40	16	UNDEFINED
9.75	32	41.77	0.24	0.58	0.93	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
0.05	33	39.97	0.18	0.46	0.96	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
0.35	34	47.87	0.25	0.52	0.98	sand to silty sand	40-50	36-38	11	UNDEFINED
10.65	35	51.18	0.38	0.74	1.00	silty sand to sandy silt	40-50	36-38	16	UNDEFINED
0.95	36	52.22	0.44	0.83	1.03	silty sand to sandy silt	40-50	36-38	17	UNDEFINED
1.25	37	60.45	0.83	1.37	1.05	silty sand to sandy silt	50-60	38-40	19	UNDEFINED
11.55	38	29.73	0.56	1.90	1.07	sandy silt to clayey silt	UNDFND	UNDFD	11	2.7

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC
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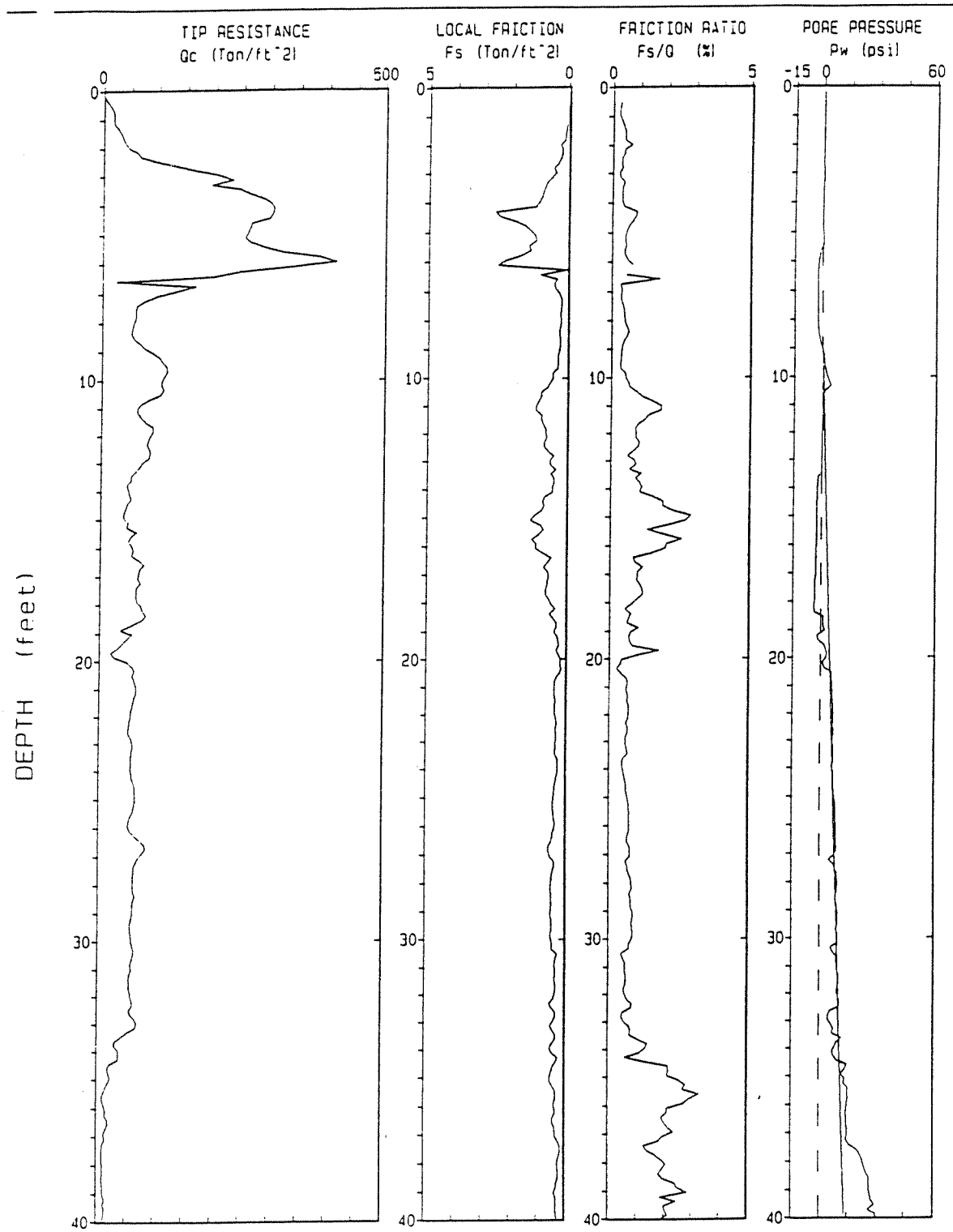
O rator :J. MAURER Location :CPT-3 Page No. 2

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	30.53	-10922.58	-35772.64	1.10	undefined	UNDFND	UNDFD	UDF	UNDEFINED
12.15	40	13.30	0.09	0.71	1.12	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
12.45	41	12.67	0.10	0.76	1.14	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
12.80	42	11.71	0.09	0.73	1.17	sandy silt to clayey silt	UNDFND	UNDFD	4	.9
13.10	43	12.05	0.11	0.92	1.19	sandy silt to clayey silt	UNDFND	UNDFD	5	.9
13.40	44	12.47	0.14	1.10	1.22	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
13.75	45	13.31	0.19	1.43	1.24	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
14.05	46	13.77	0.21	1.52	1.27	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
14.35	47	14.28	0.20	1.42	1.29	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
14.65	48	15.60	0.19	1.25	1.32	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
14.95	49	13.23	0.16	1.19	1.34	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
15.25	50	12.25	0.15	1.19	1.36	clayey silt to silty clay	UNDFND	UNDFD	6	.9
15.55	51	12.92	0.13	1.01	1.39	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
15.85	52	13.12	0.12	0.89	1.41	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
16.15	53	14.53	0.22	1.52	1.43	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
16.45	54	16.87	0.19	1.15	1.46	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
16.75	55	19.20	0.20	1.03	1.48	sandy silt to clayey silt	UNDFND	UNDFD	7	1.6
17.05	56	35.55	0.22	0.61	1.50	silty sand to sandy silt	<40	32-34	11	UNDEFINED
17.35	57	31.45	0.31	0.99	1.53	silty sand to sandy silt	<40	30-32	10	UNDEFINED
17.65	58	38.32	0.28	0.73	1.55	silty sand to sandy silt	<40	32-34	12	UNDEFINED
17.95	59	31.53	0.27	0.86	1.57	silty sand to sandy silt	<40	30-32	10	UNDEFINED
18.25	60	42.92	0.38	0.87	1.60	silty sand to sandy silt	<40	32-34	14	UNDEFINED
18.55	61	61.03	0.48	0.79	1.62	sand to silty sand	40-50	36-38	15	UNDEFINED
18.85	62	104.58	0.88	0.84	1.64	sand to silty sand	60-70	38-40	25	UNDEFINED
19.20	63	138.47	1.36	0.99	1.67	sand to silty sand	60-70	40-42	33	UNDEFINED
19.50	64	126.63	1.68	1.33	1.69	sand to silty sand	60-70	38-40	30	UNDEFINED
19.80	65	123.57	1.80	1.45	1.72	sand to silty sand	60-70	38-40	30	UNDEFINED
20.15	66	122.34	2.00	1.64	1.74	sand to silty sand	60-70	38-40	29	UNDEFINED
20.45	67	111.47	2.12	1.90	1.77	silty sand to sandy silt	60-70	38-40	36	UNDEFINED
20.75	68	74.88	1.66	2.22	1.79	silty sand to sandy silt	50-60	36-38	24	UNDEFINED
21.05	69	44.37	0.75	1.69	1.81	silty sand to sandy silt	<40	32-34	14	UNDEFINED
21.35	70	75.75	1.46	1.93	1.84	silty sand to sandy silt	40-50	36-38	24	UNDEFINED
21.65	71	77.80	1.22	1.57	1.86	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
21.95	72	96.92	1.45	1.50	1.88	silty sand to sandy silt	50-60	36-38	31	UNDEFINED
22.25	73	124.23	1.23	0.99	1.91	sand to silty sand	60-70	38-40	30	UNDEFINED
22.55	74	147.98	1.36	0.92	1.93	sand to silty sand	60-70	38-40	35	UNDEFINED
22.85	75	135.95	1.15	0.84	1.95	sand to silty sand	60-70	38-40	33	UNDEFINED
23.15	76	156.02	1.77	1.13	1.98	sand to silty sand	60-70	38-40	37	UNDEFINED
23.45	77	247.07	2.04	0.83	2.00	sand	80-90	40-42	47	UNDEFINED
23.75	78	237.47	1.86	0.78	2.03	sand	80-90	40-42	45	UNDEFINED
24.05	79	138.28	1.87	1.35	2.05	sand to silty sand	60-70	38-40	33	UNDEFINED
24.35	80	79.87	1.39	1.74	2.07	silty sand to sandy silt	40-50	36-38	26	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** - Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

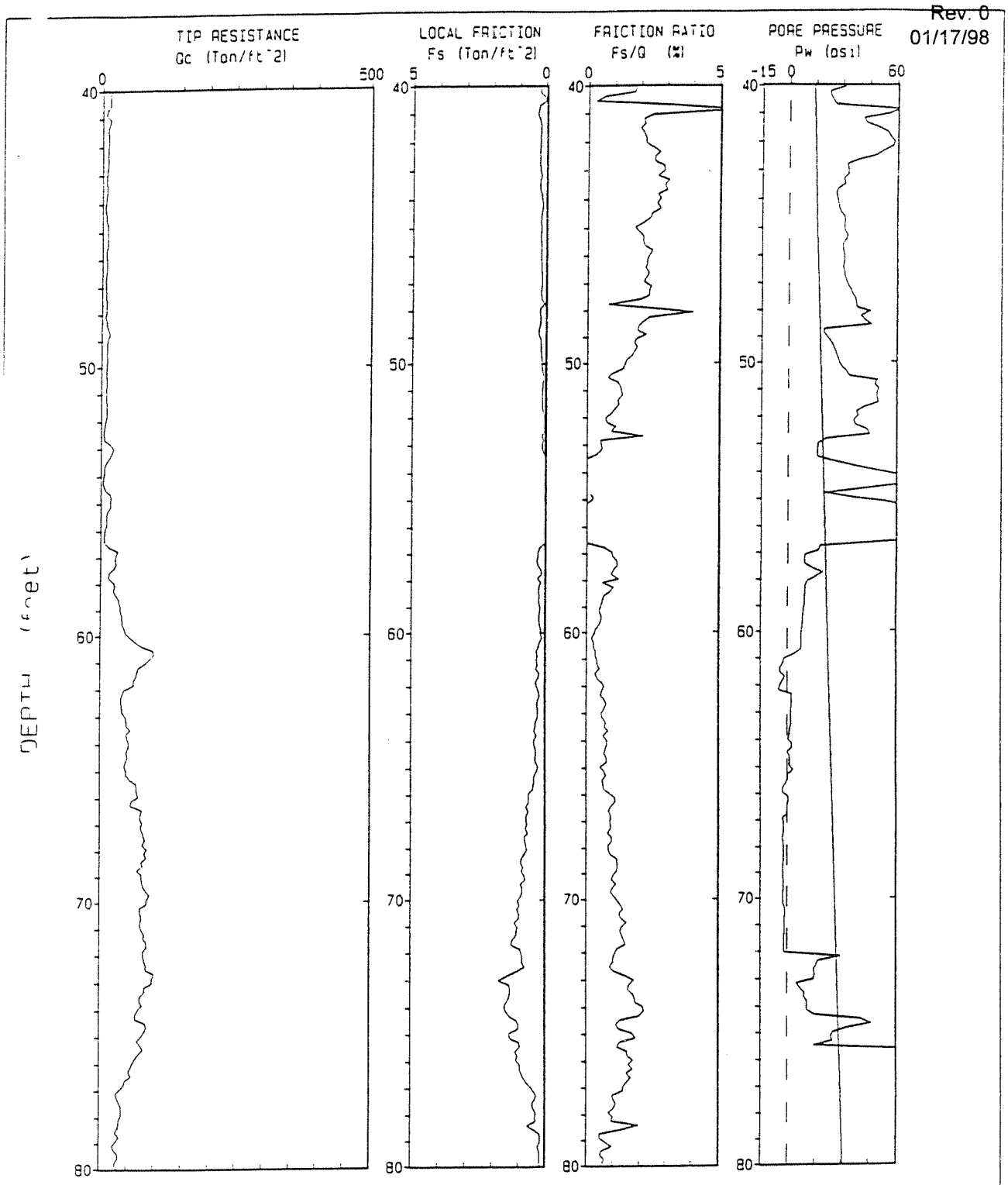


WILLIAMS EARTH SCI.

Operator : J. MAURER
Sounding : 101403 Pg 1 / 3
Cone Used : 391

CPT Date : 10-14-97 10:57
Location : CPT-4
Job No. : C397148

Depth Increment : .05 m
Max Depth : 80.54 ft

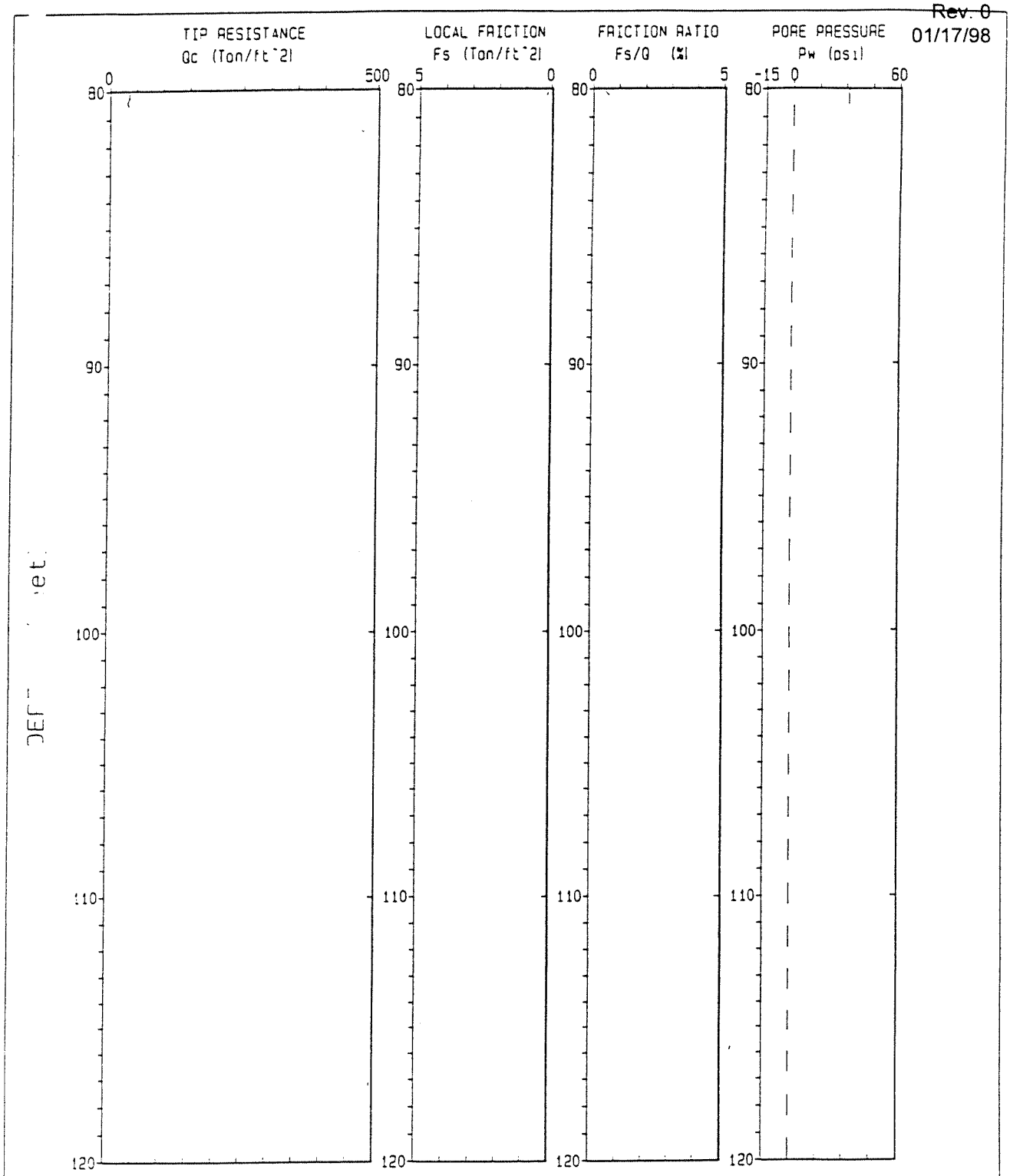


WILLIAMS EARTH SCI.

Operator : J. MAURER
Sounding : 101403 Pg 2 / 3
Cone Used : 391

CPT Date : 10-14-97 10:57
Location : CPT-4
Job No. : C397148

Depth Increment : .05 m
Max Depth : 80.54 ft



WILLIAMS EARTH SCI.

Operator : J. MAURER
Sounding : 101403 Pg 3 / 3
Cone Used : 391

CPT Date : 10-14-97 10:57
Location : CPT-4
Job No. : C397148

Depth Increment : .05 m
Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC

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perator :J. MAURER
Location :CPT-4
ob No. :C397148
ot. Unit Wt. (avg) : 110 pcf

CPT Date :10-14-97 10:57
Cone Used :391
Water table (feet) : 6.56168

DEPTH (meters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	11.27	0.02	0.20	0.03	sandy silt to clayey silt	UNDFND	UNDFD	4	1.1
0.60	2	31.95	0.15	0.46	0.08	silty sand to sandy silt	60-70	46-48	10	UNDEFINED
0.95	3	136.06	0.41	0.30	0.14	sand	>90	>48	26	UNDEFINED
1.25	4	263.78	0.97	0.37	0.20	gravelly sand to sand	>90	>48	42	UNDEFINED
1.55	5	272.05	1.87	0.69	0.25	sand	>90	>48	>50	UNDEFINED
1.85	6	334.15	1.76	0.53	0.31	gravelly sand to sand	>90	>48	>50	UNDEFINED
2.15	7	143.08	0.45	0.32	0.36	sand	>90	46-48	27	UNDEFINED
2.45	8	61.18	0.25	0.41	0.38	sand to silty sand	60-70	42-44	15	UNDEFINED
2.75	9	65.40	0.30	0.46	0.41	sand to silty sand	60-70	42-44	16	UNDEFINED
3.05	10	109.48	0.43	0.39	0.43	sand	80-90	44-46	21	UNDEFINED
3.35	11	89.43	0.91	1.02	0.45	sand to silty sand	70-80	42-44	21	UNDEFINED
3.65	12	80.30	0.91	1.14	0.48	sand to silty sand	70-80	42-44	19	UNDEFINED
3.95	13	82.67	0.70	0.84	0.50	sand to silty sand	70-80	42-44	20	UNDEFINED
4.25	14	55.17	0.51	0.93	0.52	silty sand to sandy silt	50-60	40-42	18	UNDEFINED
4.55	15	46.38	0.86	1.85	0.55	silty sand to sandy silt	50-60	40-42	15	UNDEFINED
4.85	16	52.95	1.08	2.05	0.57	sandy silt to clayey silt	UNDFND	UNDFD	20	5.2
5.15	17	66.37	0.78	1.18	0.59	silty sand to sandy silt	60-70	40-42	21	UNDEFINED
5.45	18	66.20	0.69	1.04	0.62	silty sand to sandy silt	60-70	40-42	21	UNDEFINED
5.75	19	65.78	0.46	0.70	0.64	sand to silty sand	60-70	40-42	16	UNDEFINED
6.05	20	37.03	0.32	0.86	0.67	silty sand to sandy silt	40-50	38-40	12	UNDEFINED
6.40	21	59.64	0.28	0.47	0.69	sand to silty sand	50-60	40-42	14	UNDEFINED
6.70	22	59.35	0.39	0.65	0.72	sand to silty sand	50-60	40-42	14	UNDEFINED
7.00	23	54.42	0.34	0.63	0.74	sand to silty sand	50-60	38-40	13	UNDEFINED
7.35	24	57.49	0.31	0.54	0.76	sand to silty sand	50-60	38-40	14	UNDEFINED
7.65	25	63.40	0.38	0.61	0.79	sand to silty sand	50-60	40-42	15	UNDEFINED
7.95	26	56.70	0.41	0.72	0.81	sand to silty sand	50-60	38-40	14	UNDEFINED
8.25	27	74.70	0.53	0.71	0.84	sand to silty sand	60-70	40-42	18	UNDEFINED
8.55	28	62.65	0.45	0.71	0.86	sand to silty sand	50-60	38-40	15	UNDEFINED
8.85	29	62.10	0.50	0.80	0.88	sand to silty sand	50-60	38-40	15	UNDEFINED
9.15	30	57.98	0.49	0.84	0.91	silty sand to sandy silt	50-60	38-40	19	UNDEFINED
9.45	31	61.07	0.37	0.60	0.93	sand to silty sand	50-60	38-40	15	UNDEFINED
9.75	32	56.62	0.33	0.59	0.95	sand to silty sand	50-60	38-40	14	UNDEFINED
10.05	33	62.57	0.40	0.64	0.98	sand to silty sand	50-60	38-40	15	UNDEFINED
10.35	34	44.02	0.42	0.96	1.00	silty sand to sandy silt	40-50	36-38	14	UNDEFINED
11.65	35	27.20	0.39	1.43	1.02	sandy silt to clayey silt	UNDFND	UNDFD	10	2.5
11.95	36	13.83	0.38	2.77	1.05	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
11.25	37	16.63	0.35	2.09	1.07	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
11.55	38	11.07	0.19	1.71	1.09	clayey silt to silty clay	UNDFND	UNDFD	5	.9

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

WILLIAMS EARTH SCIENCES INC

Operator :J. MAURER Location :CPT-4 Page No. 2

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
[illegible]85	39	11.03	0.23	2.12	1.12	clayey silt to silty clay	UNDFND	UNDFD	5	.8
[illegible].15	40	13.50	0.30	2.20	1.14	clayey silt to silty clay	UNDFND	UNDFD	6	1.1
12.45	41	11.58	0.20	1.75	1.16	clayey silt to silty clay	UNDFND	UNDFD	6	.9
[illegible]80	42	11.59	0.25	2.16	1.19	clayey silt to silty clay	UNDFND	UNDFD	6	.9
[illegible]10	43	9.37	0.25	2.64	1.21	silty clay to clay	UNDFND	UNDFD	6	.7
13.40	44	7.43	0.21	2.84	1.24	silty clay to clay	UNDFND	UNDFD	5	.5
[illegible].75	45	7.97	0.18	2.20	1.26	silty clay to clay	UNDFND	UNDFD	5	.5
[illegible]05	46	8.53	0.19	2.21	1.29	silty clay to clay	UNDFND	UNDFD	5	.6
14.35	47	7.28	0.16	2.24	1.31	silty clay to clay	UNDFND	UNDFD	5	.4
14.65	48	7.78	0.17	2.22	1.34	silty clay to clay	UNDFND	UNDFD	5	.5
[illegible]95	49	11.22	0.23	2.03	1.36	clayey silt to silty clay	UNDFND	UNDFD	5	.8
[illegible].25	50	9.77	0.16	1.66	1.38	clayey silt to silty clay	UNDFND	UNDFD	5	.7
15.55	51	9.23	0.10	1.11	1.41	clayey silt to silty clay	UNDFND	UNDFD	4	.6
[illegible]85	52	9.38	0.10	1.05	1.43	clayey silt to silty clay	UNDFND	UNDFD	4	.6
[illegible]15	53	10.33	0.08	0.76	1.45	sandy silt to clayey silt	UNDFND	UNDFD	4	.7
16.45	54	10.98	0.02	0.21	1.48	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
[illegible]75	55	11.38	-0.01	-0.13	1.50	undefined	UNDFND	UNDFD	UDF	UNDEFINED
[illegible]05	56	11.77	-0.00	-0.00	1.52	undefined	UNDFND	UNDFD	UDF	UNDEFINED
17.35	57	15.58	0.06	0.39	1.55	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
17.65	58	22.28	0.24	1.07	1.57	sandy silt to clayey silt	UNDFND	UNDFD	9	1.9
[illegible]95	59	30.73	0.21	0.69	1.59	silty sand to sandy silt	<40	30-32	10	UNDEFINED
[illegible].25	60	41.70	0.19	0.47	1.62	silty sand to sandy silt	<40	32-34	13	UNDEFINED
18.55	61	80.97	0.22	0.28	1.64	sand to silty sand	50-60	36-38	19	UNDEFINED
[illegible]85	62	69.17	0.29	0.42	1.66	sand to silty sand	40-50	36-38	17	UNDEFINED
[illegible]20	63	41.49	0.26	0.63	1.69	silty sand to sandy silt	<40	32-34	13	UNDEFINE
19.50	64	51.20	0.36	0.70	1.71	silty sand to sandy silt	<40	34-36	16	UNDEFINED
[illegible]80	65	48.67	0.34	0.69	1.74	silty sand to sandy silt	<40	34-36	16	UNDEFINED
[illegible]15	66	62.14	0.46	0.74	1.76	sand to silty sand	40-50	34-36	15	UNDEFINED
20.45	67	72.92	0.67	0.92	1.79	sand to silty sand	40-50	36-38	17	UNDEFINED
20.75	68	81.75	0.71	0.87	1.81	sand to silty sand	50-60	36-38	20	UNDEFINED
[illegible]05	69	77.67	0.84	1.08	1.84	sand to silty sand	50-60	36-38	19	UNDEFINED
[illegible].35	70	85.22	0.88	1.03	1.86	sand to silty sand	50-60	36-38	20	UNDEFINED
21.65	71	75.90	1.02	1.35	1.88	silty sand to sandy silt	40-50	36-38	24	UNDEFINED
[illegible]95	72	82.90	1.08	1.30	1.91	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
[illegible]25	73	91.68	1.11	1.21	1.93	sand to silty sand	50-60	36-38	22	UNDEFINED
22.55	74	77.70	1.39	1.79	1.95	silty sand to sandy silt	40-50	36-38	25	UNDEFINED
[illegible]85	75	77.47	1.20	1.54	1.98	silty sand to sandy silt	40-50	36-38	25	UNDEFINED
[illegible]15	76	71.22	1.07	1.50	2.00	silty sand to sandy silt	40-50	34-36	23	UNDEFINED
23.45	77	50.37	0.80	1.58	2.02	silty sand to sandy silt	<40	32-34	16	UNDEFINED
23.75	78	37.15	0.39	1.05	2.05	silty sand to sandy silt	<40	30-32	12	UNDEFINED
[illegible]05	79	34.30	0.35	1.01	2.07	silty sand to sandy silt	<40	30-32	11	UNDEFINED
[illegible].35	80	30.18	0.20	0.67	2.09	silty sand to sandy silt	<40	30-32	10	UNDEFINED

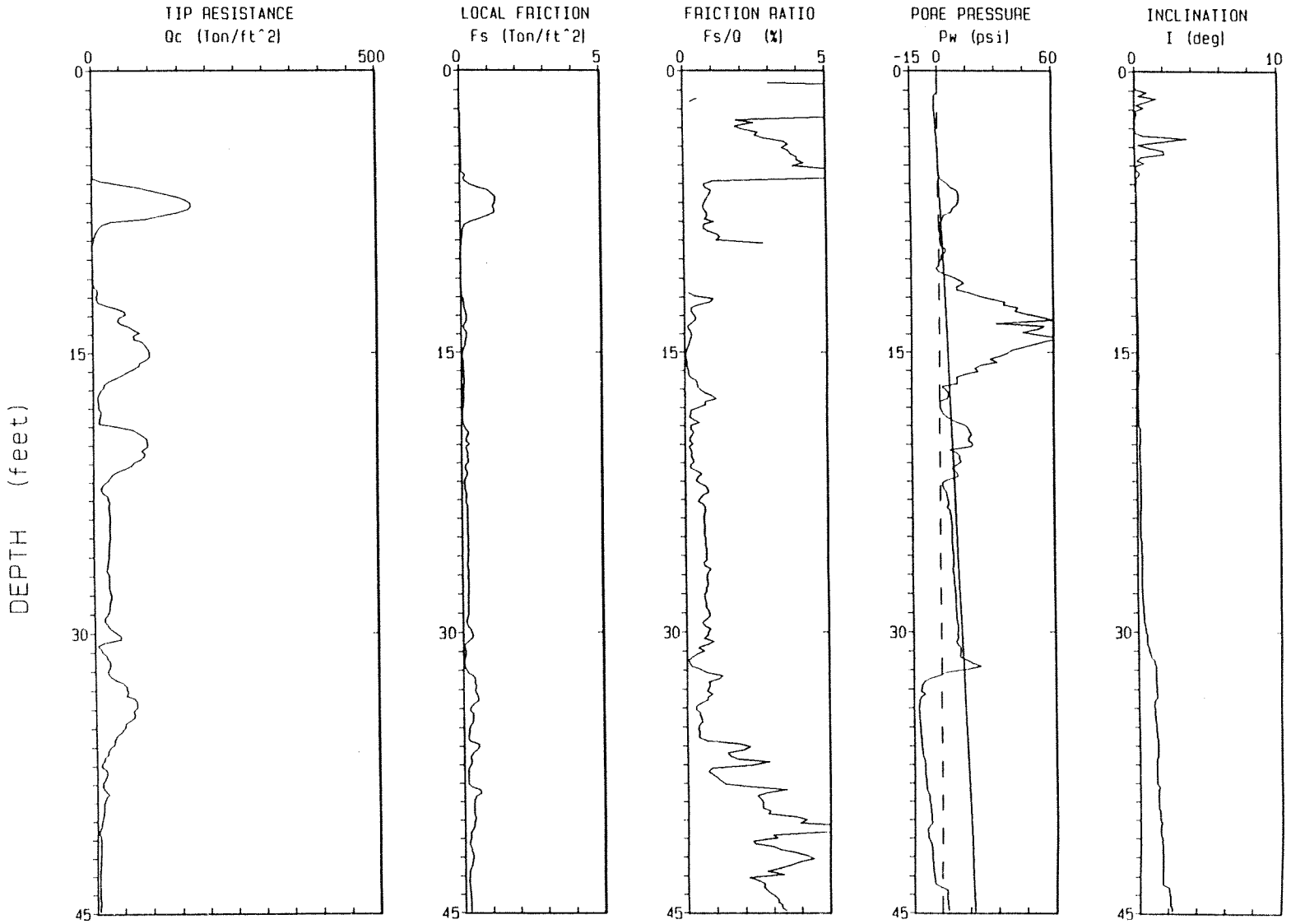
r - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER | CPT Date : 10-21-97 13:25 | Sounding : 102102 Pg 1 / 2

Location : CPT-5A | Cone Used : 391 | Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER | CPT Date : 10-21-97 13:25 | Sounding : 102102 Pg 2 / 2

Location : CPT-5A | Cone Used : 391 | Job No. : C397148

Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC
0

Operator :J. MAURER
Location :CPT-5A
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :10-21-97 13:25
Cone Used :391
Water table (feet) :

DEPTH (eters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.03	0.00	14.00	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.33	0.00	0.10	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.97	0.03	2.65	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	1.27	0.04	3.12	0.20	organic material	UNDFND	UNDFD	1	.1
1.55	5	1.28	0.05	3.92	0.25	organic material	UNDFND	UNDFD	1	.1
1.85	6	11.72	0.15	1.27	0.31	clayey silt to silty clay	UNDFND	UNDFD	6	1.1
2.15	7	132.12	1.07	0.81	0.34	sand to silty sand	>90	46-48	32	UNDEFINED
2.45	8	123.13	0.93	0.75	0.36	sand to silty sand	80-90	46-48	29	UNDEFINED
2.75	9	8.25	0.07	0.82	0.39	undefined	UNDFND	UNDFD	UDF	UNDEFINED
3.05	10	-0.42	-0.01	1.28	0.41	undefined	UNDFND	UNDFD	UDF	UNDEFINED
3.35	11	1.00	-0.01	-1.33	0.43	undefined	UNDFND	UNDFD	UDF	UNDEFINED
3.65	12	4.85	-0.01	-0.11	0.46	undefined	UNDFND	UNDFD	UDF	UNDEFINED
3.95	13	32.38	0.11	0.34	0.48	silty sand to sandy silt	40-50	38-40	10	UNDEFINED
4.25	14	59.45	0.14	0.23	0.50	sand to silty sand	60-70	40-42	14	UNDEFINED
4.55	15	85.87	0.13	0.15	0.53	sand	70-80	42-44	16	UNDEFINED
4.85	16	87.32	0.05	0.05	0.55	sand	70-80	42-44	17	UNDEFINED
5.15	17	35.75	0.08	0.23	0.57	silty sand to sandy silt	40-50	38-40	11	UNDEFINED
5.45	18	9.68	0.07	0.76	0.60	clayey silt to silty clay	UNDFND	UNDFD	5	.8
5.75	19	11.28	0.03	0.29	0.62	sandy silt to clayey silt	UNDFND	UNDFD	4	1.0
6.05	20	77.02	0.16	0.21	0.64	sand to silty sand	60-70	40-42	18	UNDEFINED
6.40	21	86.47	0.20	0.23	0.67	sand	60-70	42-44	17	UNDEFINED
6.70	22	41.88	0.13	0.31	0.70	sand to silty sand	40-50	38-40	10	UNDEFINED
7.00	23	19.02	0.12	0.62	0.72	sandy silt to clayey silt	UNDFND	UNDFD	7	1.7
7.35	24	28.00	0.17	0.62	0.74	silty sand to sandy silt	<40	36-38	9	UNDEFINED
7.65	25	28.77	0.19	0.66	0.77	silty sand to sandy silt	<40	36-38	9	UNDEFINED
7.95	26	27.07	0.19	0.71	0.79	silty sand to sandy silt	<40	34-36	9	UNDEFINED
8.25	27	24.58	0.18	0.73	0.82	silty sand to sandy silt	<40	34-36	8	UNDEFINED
8.55	28	27.37	0.19	0.71	0.84	silty sand to sandy silt	<40	34-36	9	UNDEFINED
8.85	29	26.28	0.18	0.70	0.86	silty sand to sandy silt	<40	34-36	8	UNDEFINED
9.15	30	25.30	0.18	0.72	0.89	silty sand to sandy silt	<40	34-36	8	UNDEFINED
9.45	31	22.85	0.15	0.67	0.91	silty sand to sandy silt	<40	32-34	7	UNDEFINED
9.75	32	23.53	0.05	0.21	0.93	silty sand to sandy silt	<40	32-34	8	UNDEFINED
10.05	33	40.82	0.36	0.87	0.96	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
10.35	34	66.02	0.42	0.63	0.98	sand to silty sand	50-60	38-40	16	UNDEFINED
10.65	35	61.33	0.28	0.45	1.00	sand to silty sand	50-60	38-40	15	UNDEFINED
10.95	36	37.12	0.23	0.62	1.03	silty sand to sandy silt	<40	36-38	12	UNDEFINED
11.25	37	16.82	0.32	1.89	1.05	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
11.55	38	13.97	0.14	1.03	1.07	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

* * Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC
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0 rator :J. MAURER Location :CPT-5A Page No. 2

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	14.82	0.38	2.55	1.10	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
12.15	40	11.47	0.33	2.85	1.12	silty clay to clay	UNDFND	UNDFD	7	.9
12.45	41	6.25	0.28	4.41	1.14	clay	UNDFND	UNDFD	6	.4
12.80	42	6.66	0.21	3.14	1.17	clay	UNDFND	UNDFD	6	.4
13.10	43	5.53	0.20	3.60	1.19	clay	UNDFND	UNDFD	5	.3
13.40	44	5.50	0.14	2.58	1.22	clay	UNDFND	UNDFD	5	.3
13.75	45	5.74	0.18	3.22	1.24	clay	UNDFND	UNDFD	6	.3
14.05	46	6.62	0.19	2.92	1.27	clay	UNDFND	UNDFD	6	.4
14.35	47	6.73	0.22	3.33	1.29	clay	UNDFND	UNDFD	6	.4
14.65	48	7.30	0.25	3.45	1.32	clay	UNDFND	UNDFD	7	.4
14.95	49	7.12	0.20	2.80	1.34	silty clay to clay	UNDFND	UNDFD	5	.4
15.25	50	11.63	0.09	0.79	1.36	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
15.55	51	31.80	0.24	0.74	1.39	silty sand to sandy silt	<40	32-34	10	UNDEFINED
15.85	52	15.27	0.33	2.17	1.41	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
16.15	53	18.83	0.21	1.12	1.43	sandy silt to clayey silt	UNDFND	UNDFD	7	1.5
16.45	54	40.57	0.42	1.03	1.46	silty sand to sandy silt	<40	34-36	13	UNDEFINED
16.75	55	44.92	0.30	0.66	1.48	silty sand to sandy silt	<40	34-36	14	UNDEFINED
17.05	56	11.50	0.11	0.96	1.50	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
17.35	57	45.12	0.46	1.03	1.53	silty sand to sandy silt	<40	34-36	14	UNDEFINED
17.65	58	61.28	0.56	0.91	1.55	silty sand to sandy silt	40-50	36-38	20	UNDEFINED
17.95	59	62.93	0.60	0.95	1.57	silty sand to sandy silt	40-50	36-38	20	UNDEFINED
18.25	60	67.92	1.36	2.00	1.60	silty sand to sandy silt	40-50	36-38	22	UNDEFINED
18.55	61	47.82	0.72	1.51	1.62	silty sand to sandy silt	<40	34-36	15	UNDEFINED
18.85	62	66.73	0.96	1.43	1.64	silty sand to sandy silt	40-50	36-38	21	UNDEFINED
19.20	63	85.77	1.17	1.36	1.67	silty sand to sandy silt	50-60	36-38	27	UNDEFI'
19.50	64	130.90	1.14	0.87	1.69	sand to silty sand	60-70	38-40	31	UNDEFINED
19.80	65	192.37	1.30	0.68	1.72	sand	70-80	40-42	37	UNDEFINED
20.15	66	75.06	1.20	1.60	1.74	silty sand to sandy silt	50-60	36-38	24	UNDEFINED
20.45	67	36.23	0.44	1.22	1.77	silty sand to sandy silt	<40	30-32	12	UNDEFINED
20.75	68	35.57	0.35	0.98	1.79	silty sand to sandy silt	<40	30-32	11	UNDEFINED
21.05	69	34.55	0.26	0.76	1.81	silty sand to sandy silt	<40	30-32	11	UNDEFINED
21.35	70	32.17	0.28	0.86	1.84	silty sand to sandy silt	<40	30-32	10	UNDEFINED
21.65	71	33.50	0.36	1.09	1.86	silty sand to sandy silt	<40	30-32	11	UNDEFINED
21.95	72	64.37	0.77	1.20	1.88	silty sand to sandy silt	40-50	34-36	21	UNDEFINED
22.25	73	34.40	0.59	1.71	1.91	sandy silt to clayey silt	UNDFND	UNDFD	13	3.0
22.55	74	50.18	0.72	1.43	1.93	silty sand to sandy silt	<40	32-34	16	UNDEFINED
22.85	75	66.38	0.86	1.30	1.95	silty sand to sandy silt	40-50	34-36	21	UNDEFINED
23.15	76	94.13	1.22	1.29	1.98	sand to silty sand	50-60	36-38	23	UNDEFINED
23.45	77	170.12	0.80	0.47	2.00	sand	70-80	40-42	33	UNDEFINED
23.75	78	151.90	0.81	0.53	2.03	sand	60-70	38-40	29	UNDEFINED
24.05	79	157.32	1.68	1.07	2.05	sand to silty sand	60-70	38-40	38	UNDEFINED
24.35	80	130.18	1.49	1.15	2.07	sand to silty sand	60-70	38-40	31	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

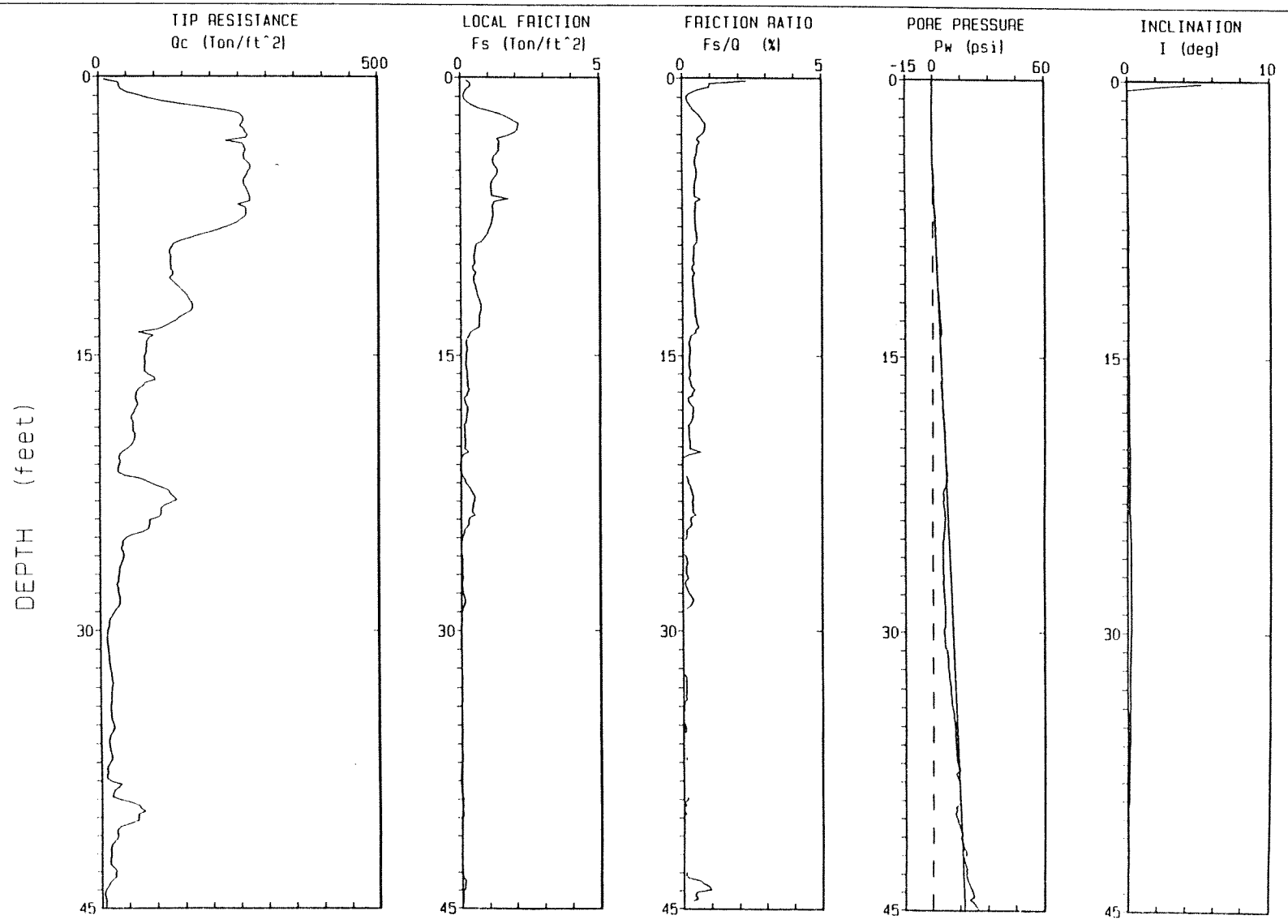
** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G1

CPT Date : 11-11-97 07:49
Cone Used : 386

Sounding : 111101 Pg 1 / 2
Job No. : C397148



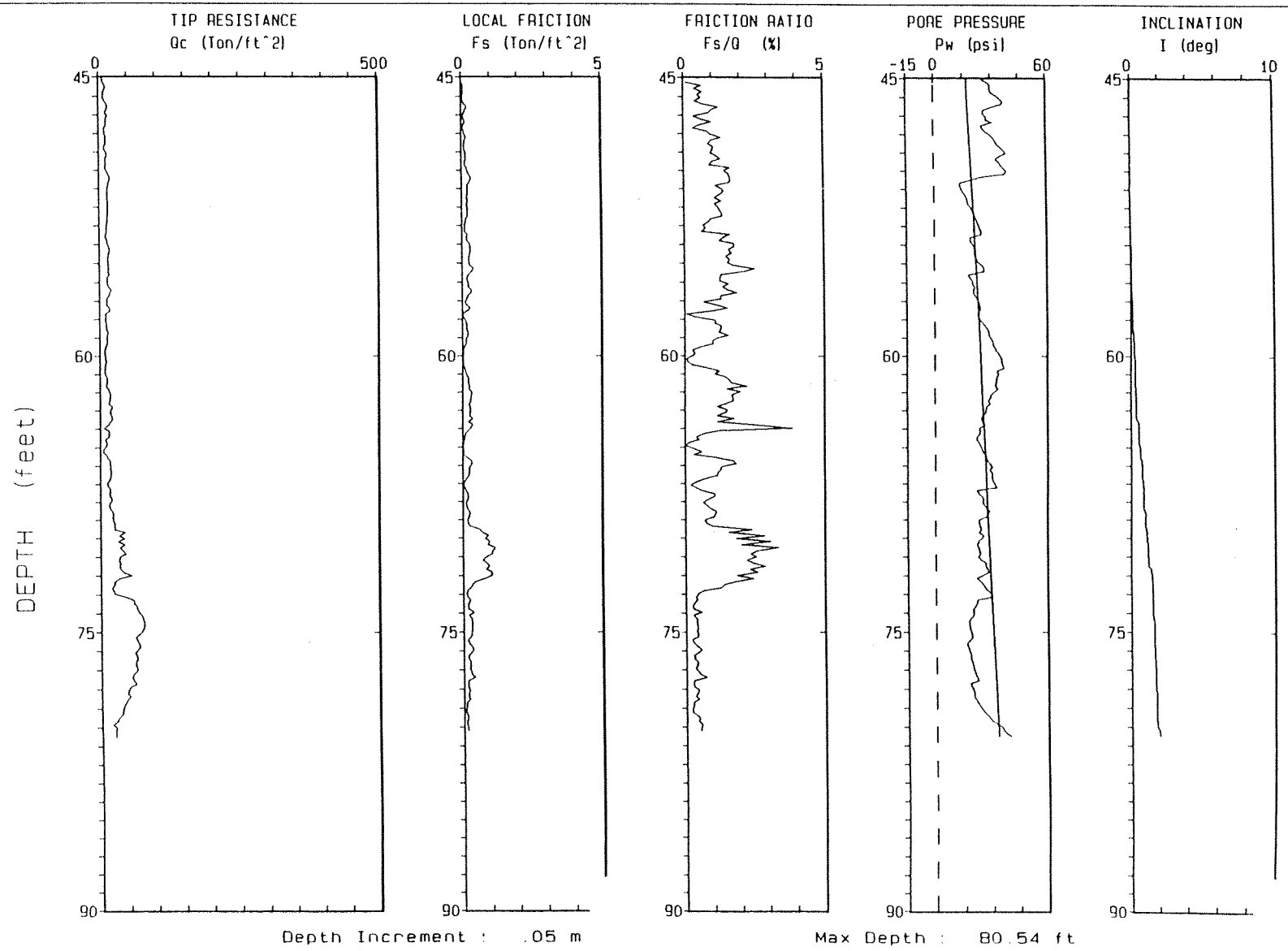
Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER | CPT Date : 11-11-97 07:49 | Sounding : 111101 Pg 2 / 2

Location : CPT-G1 | Cone Used : 386 | Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-G1
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-11-97 07:49
Cone Used :386
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	40.12	0.23	0.57	0.03	silty sand to sandy silt	>90	>48	13	UNDEFINED
0.60	2	169.07	0.65	0.39	0.08	sand	>90	>48	32	UNDEFINED
0.95	3	259.41	1.94	0.75	0.14	sand	>90	>48	50	UNDEFINED
1.25	4	255.15	1.37	0.54	0.20	sand	>90	>48	49	UNDEFINED
1.55	5	265.85	1.24	0.47	0.25	sand	>90	>48	>50	UNDEFINED
1.85	6	261.15	1.16	0.44	0.31	sand	>90	>48	>50	UNDEFINED
2.15	7	264.63	1.24	0.47	0.34	sand	>90	>48	>50	UNDEFINED
2.45	8	253.48	1.12	0.44	0.36	sand	>90	>48	49	UNDEFINED
2.75	9	172.83	0.83	0.48	0.39	sand	>90	46-48	33	UNDEFINED
3.05	10	127.10	0.49	0.39	0.41	sand	80-90	44-46	24	UNDEFINED
3.35	11	129.12	0.45	0.35	0.43	sand	80-90	44-46	25	UNDEFINED
3.65	12	149.53	0.58	0.39	0.46	sand	80-90	46-48	29	UNDEFINED
3.95	13	159.45	0.70	0.44	0.48	sand	>90	46-48	31	UNDEFINED
4.25	14	108.52	0.51	0.47	0.50	sand	70-80	44-46	21	UNDEFINED
4.55	15	84.53	0.20	0.23	0.53	sand	70-80	42-44	16	UNDEFINED
4.85	16	80.22	0.19	0.23	0.55	sand to silty sand	60-70	42-44	19	UNDEFINED
5.15	17	85.13	0.24	0.28	0.57	sand to silty sand	60-70	42-44	20	UNDEFINED
5.45	18	65.22	0.18	0.28	0.60	sand to silty sand	60-70	40-42	16	UNDEFINED
5.75	19	59.43	0.18	0.31	0.62	sand to silty sand	50-60	40-42	14	UNDEFINED
6.05	20	61.20	0.14	0.22	0.64	sand to silty sand	50-60	40-42	15	UNDEFINED
6.40	21	41.50	0.08	0.19	0.67	sand to silty sand	40-50	38-40	10	UNDEFINED
6.70	22	50.10	0.04	0.09	0.70	sand to silty sand	50-60	38-40	12	UNDEFINED
7.00	23	120.92	0.38	0.31	0.72	sand	70-80	42-44	23	UNDEFINED
7.35	24	109.67	0.38	0.35	0.74	sand	70-80	42-44	21	UNDEFINED
7.65	25	73.27	0.13	0.18	0.77	sand to silty sand	60-70	40-42	18	UNDEFINED
7.95	26	40.68	0.01	0.02	0.79	sand to silty sand	40-50	36-38	10	UNDEFINED
8.25	27	36.58	0.05	0.13	0.82	sand to silty sand	40-50	36-38	9	UNDEFINED
8.55	28	32.23	0.05	0.14	0.84	silty sand to sandy silt	<40	36-38	10	UNDEFINED
8.85	29	32.47	0.08	0.23	0.86	silty sand to sandy silt	<40	36-38	10	UNDEFINED
9.15	30	16.68	-0.01	-0.08	0.89	undefined	UNDFND	UNDFD	UDF	UNDEFINED
9.45	31	12.80	-0.02	-0.18	0.91	undefined	UNDFND	UNDFD	UDF	UNDEFINED
9.75	32	15.87	-0.01	-0.04	0.93	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.05	33	20.43	0.01	0.07	0.96	silty sand to sandy silt	<40	32-34	7	UNDEFINED
0.35	34	19.57	0.01	0.07	0.98	silty sand to sandy silt	<40	30-32	6	UNDEFINED
10.65	35	19.52	0.00	0.01	1.00	silty sand to sandy silt	<40	30-32	6	UNDEFINED
0.95	36	18.73	0.00	0.02	1.03	silty sand to sandy silt	<40	30-32	6	UNDEFINED
1.25	37	17.15	0.00	0.01	1.05	silty sand to sandy silt	<40	30-32	5	UNDEFINED
11.55	38	11.05	-0.04	-0.38	1.07	undefined	UNDFND	UNDFD	UDF	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC
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erator :J. MAURER Location :CPT-G1 Page No. 2

DEPTH eters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	24.98	-0.03	-0.13	1.10	undefined	UNDFND	UNDFD	UDF	UNDEFINED
12.15	40	61.35	0.02	0.04	1.12	sand to silty sand	50-60	38-40	15	UNDEFINED
12.45	41	45.50	-0.03	-0.06	1.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
12.80	42	21.03	-0.03	-0.13	1.17	undefined	UNDFND	UNDFD	UDF	UNDEFINED
13.10	43	18.55	-0.02	-0.09	1.19	undefined	UNDFND	UNDFD	UDF	UNDEFINED
13.40	44	17.38	0.08	0.44	1.22	sandy silt to clayey silt	UNDFND	UNDFD	7	1.4
13.75	45	6.54	0.01	0.18	1.24	sensitive fine grained	UNDFND	UNDFD	3	.4
14.05	46	9.43	0.05	0.50	1.27	sandy silt to clayey silt	UNDFND	UNDFD	4	.6
14.35	47	13.45	0.10	0.78	1.29	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
14.65	48	11.48	0.08	0.72	1.32	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
14.95	49	11.50	0.12	1.03	1.34	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
15.25	50	12.10	0.15	1.24	1.36	clayey silt to silty clay	UNDFND	UNDFD	6	.9
15.55	51	16.62	0.25	1.51	1.39	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
15.85	52	14.85	0.18	1.24	1.41	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
16.15	53	14.55	0.16	1.09	1.43	sandy silt to clayey silt	UNDFND	UNDFD	6	1.1
16.45	54	12.62	0.16	1.24	1.46	clayey silt to silty clay	UNDFND	UNDFD	6	.9
16.75	55	16.23	0.26	1.61	1.48	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
17.05	56	15.08	0.26	1.71	1.50	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
17.35	57	16.02	0.24	1.50	1.53	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
17.65	58	13.83	0.12	0.89	1.55	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
17.95	59	12.28	0.16	1.26	1.57	clayey silt to silty clay	UNDFND	UNDFD	6	.9
18.25	60	11.12	0.09	0.78	1.60	sandy silt to clayey silt	UNDFND	UNDFD	4	.7
18.55	61	9.73	0.04	0.41	1.62	sandy silt to clayey silt	UNDFND	UNDFD	4	.6
18.85	62	12.18	0.19	1.58	1.64	clayey silt to silty clay	UNDFND	UNDFD	6	.8
19.20	63	17.60	0.28	1.60	1.67	sandy silt to clayey silt	UNDFND	UNDFD	7	
19.50	64	16.47	0.29	1.73	1.69	clayey silt to silty clay	UNDFND	UNDFD	8	1..
19.80	65	12.98	0.07	0.54	1.72	sandy silt to clayey silt	UNDFND	UNDFD	5	.9
20.15	66	12.80	0.16	1.22	1.74	sandy silt to clayey silt	UNDFND	UNDFD	5	.9
20.45	67	16.33	0.14	0.87	1.77	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
20.75	68	17.60	0.13	0.75	1.79	sandy silt to clayey silt	UNDFND	UNDFD	7	1.3
21.05	69	19.77	0.18	0.92	1.81	sandy silt to clayey silt	UNDFND	UNDFD	8	1.5
21.35	70	32.18	0.57	1.76	1.84	sandy silt to clayey silt	UNDFND	UNDFD	12	2.8
21.65	71	37.62	0.98	2.60	1.86	sandy silt to clayey silt	UNDFND	UNDFD	14	3.3
21.95	72	38.17	0.89	2.33	1.88	sandy silt to clayey silt	UNDFND	UNDFD	15	3.4
22.25	73	24.52	0.34	1.40	1.91	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
22.55	74	59.23	0.21	0.35	1.93	sand to silty sand	40-50	34-36	14	UNDEFINED
22.85	75	74.72	0.27	0.37	1.95	sand to silty sand	40-50	36-38	18	UNDEFINED
23.15	76	65.00	0.25	0.38	1.98	sand to silty sand	40-50	34-36	16	UNDEFINED
23.45	77	61.45	0.21	0.34	2.00	sand to silty sand	40-50	34-36	15	UNDEFINED
23.75	78	57.05	0.23	0.40	2.03	sand to silty sand	40-50	34-36	14	UNDEFINED
24.05	79	44.97	0.16	0.35	2.05	sand to silty sand	<40	32-34	11	UNDEFINED
24.35	80	30.45	0.10	0.34	2.07	silty sand to sandy silt	<40	30-32	10	UNDEFINED

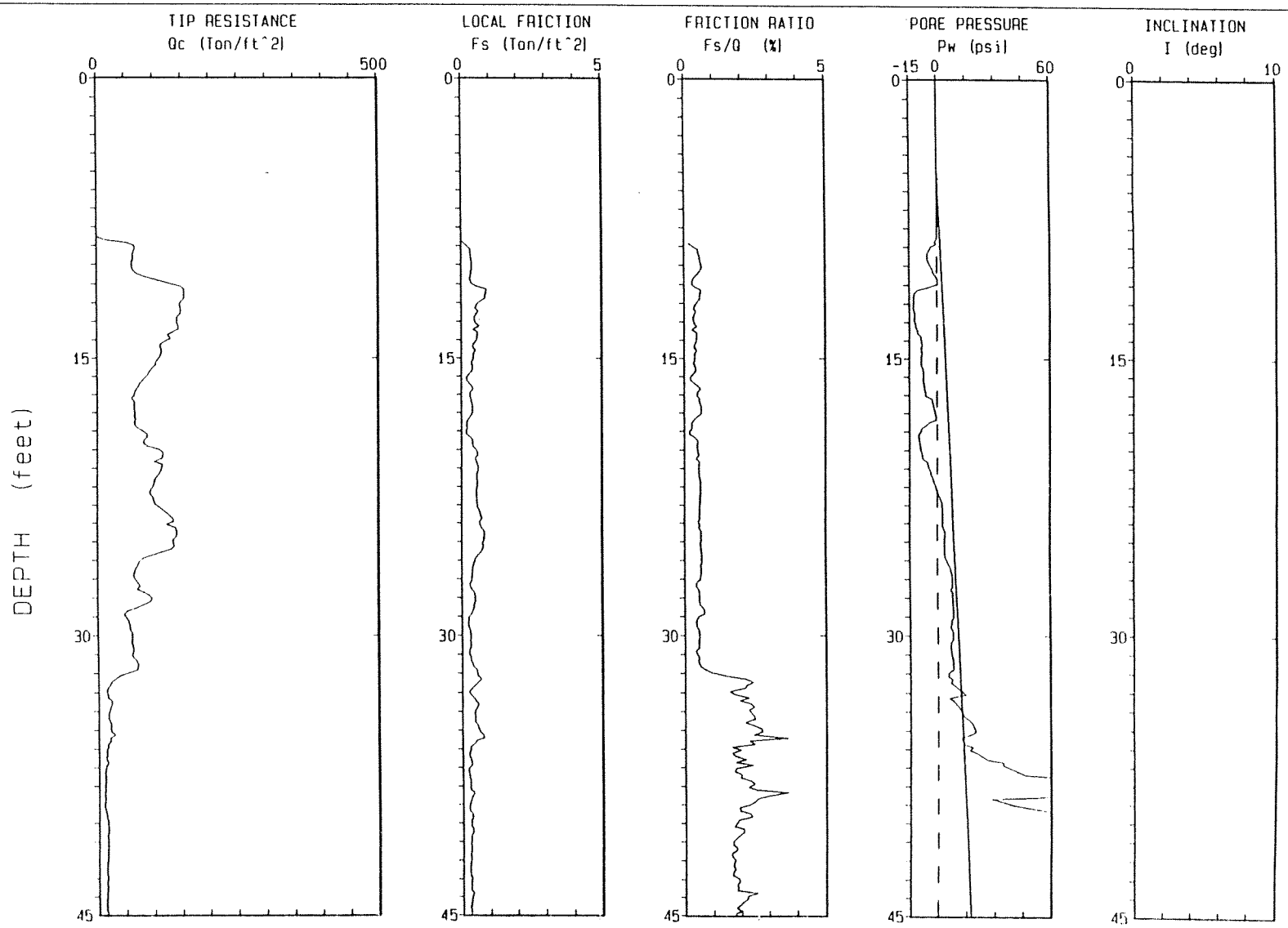
Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER | CPT Date : 11-05-97 12:55 | Sounding : 110503 Pg 1 / 2

Location : CPT-G2 | Cone Used : 386 | Job No. : C397148



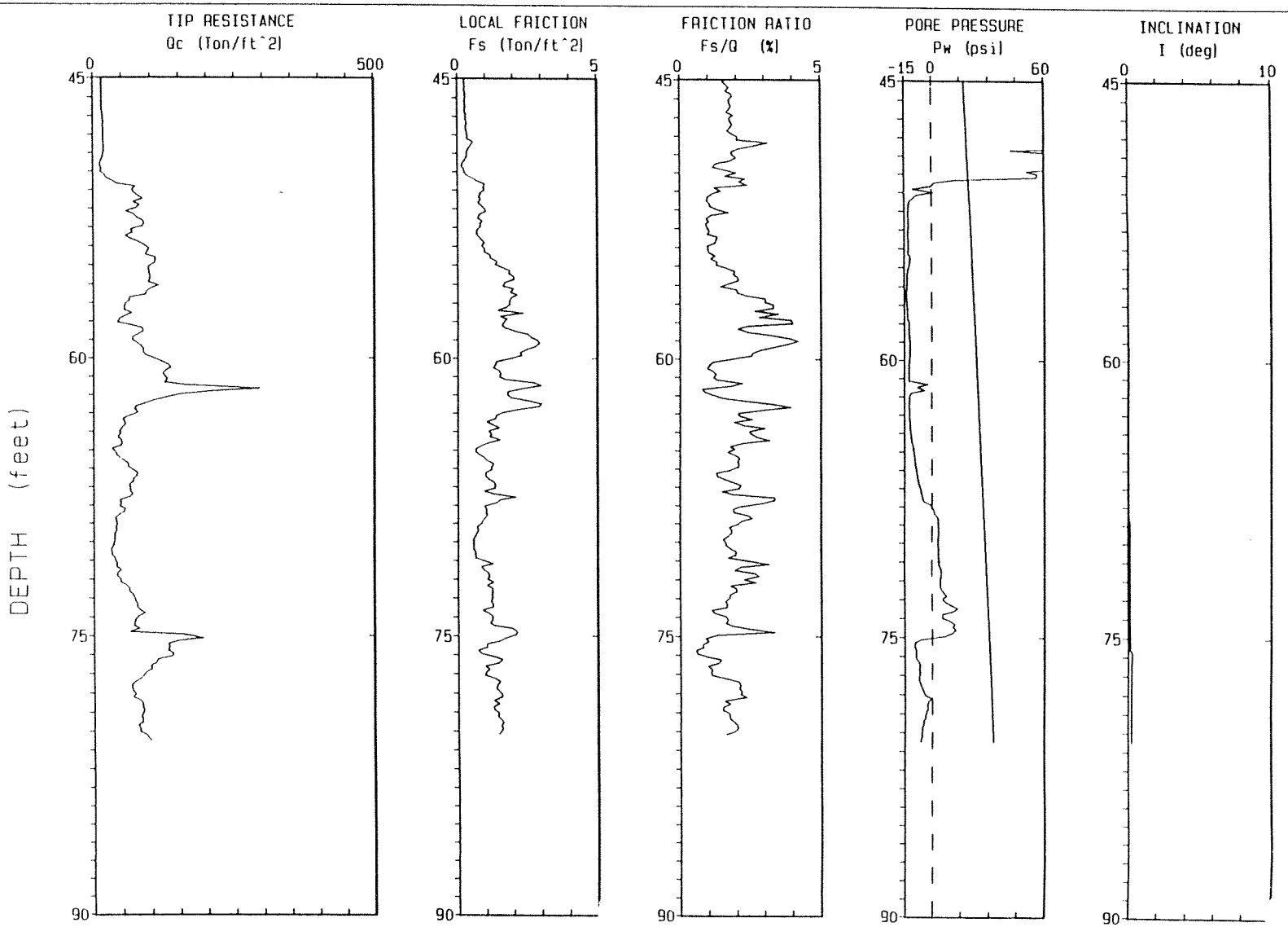
Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER | CPT Date : 11-05-97 12:55 | Sounding : 110503 Pg 2 / 2

Location : CPT-G2 | Cone Used : 386 | Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-G2
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-05-97 12:55
Cone Used :386
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.00	0.00	0.00	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	-0.05	0.00	-7.33	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	-0.04	0.00	-8.67	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	-0.08	0.00	-5.40	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	-0.03	0.00	-12.00	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	0.00	0.00	0.00	0.31	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.15	7	-0.05	0.00	-6.33	0.34	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.45	8	-0.03	0.00	-13.50	0.36	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.75	9	22.43	0.05	0.21	0.39	silty sand to sandy silt	<40	38-40	7	UNDEFINED
3.05	10	64.20	0.34	0.53	0.41	sand to silty sand	60-70	42-44	15	UNDEFINED
3.35	11	87.03	0.34	0.39	0.43	sand to silty sand	70-80	44-46	21	UNDEFINED
3.65	12	153.32	0.78	0.51	0.46	sand	>90	46-48	29	UNDEFINED
3.95	13	146.33	0.51	0.35	0.48	sand	80-90	44-46	28	UNDEFINED
4.25	14	137.43	0.54	0.39	0.50	sand	80-90	44-46	26	UNDEFINED
4.55	15	115.03	0.44	0.38	0.53	sand	70-80	44-46	22	UNDEFINED
4.85	16	99.35	0.36	0.36	0.55	sand	70-80	42-44	19	UNDEFINED
5.15	17	75.42	0.28	0.37	0.57	sand to silty sand	60-70	42-44	18	UNDEFINED
5.45	18	64.88	0.35	0.54	0.60	sand to silty sand	60-70	40-42	16	UNDEFINED
5.75	19	67.62	0.25	0.37	0.62	sand to silty sand	60-70	40-42	16	UNDEFINED
6.05	20	85.58	0.30	0.35	0.64	sand to silty sand	60-70	42-44	20	UNDEFINED
6.40	21	113.07	0.55	0.48	0.67	sand	70-80	42-44	22	UNDEFINED
6.70	22	105.15	0.55	0.53	0.70	sand to silty sand	70-80	42-44	25	UNDEFINED
7.00	23	97.48	0.53	0.54	0.72	sand to silty sand	70-80	42-44	23	UNDEFINED
7.35	24	124.30	0.64	0.51	0.74	sand	70-80	42-44	24	UNDEFINED
7.65	25	138.80	0.77	0.55	0.77	sand	70-80	42-44	27	UNDEFINED
7.95	26	106.03	0.61	0.57	0.79	sand to silty sand	70-80	42-44	25	UNDEFINED
8.25	27	67.00	0.37	0.55	0.82	sand to silty sand	50-60	40-42	16	UNDEFINED
8.55	28	81.67	0.38	0.47	0.84	sand to silty sand	60-70	40-42	20	UNDEFINED
8.85	29	65.75	0.38	0.57	0.86	sand to silty sand	50-60	38-40	16	UNDEFINED
9.15	30	57.70	0.25	0.44	0.89	sand to silty sand	50-60	38-40	14	UNDEFINED
9.45	31	61.27	0.28	0.45	0.91	sand to silty sand	50-60	38-40	15	UNDEFINED
9.75	32	66.43	0.40	0.60	0.93	sand to silty sand	50-60	38-40	16	UNDEFINED
10.05	33	24.10	0.47	1.97	0.96	sandy silt to clayey silt	UNDFND	UNDFD	9	2.2
10.35	34	20.77	0.45	2.19	0.98	clayey silt to silty clay	UNDFND	UNDFD	10	1.8
10.65	35	19.97	0.49	2.43	1.00	clayey silt to silty clay	UNDFND	UNDFD	10	1.8
0.95	36	21.70	0.56	2.57	1.03	clayey silt to silty clay	UNDFND	UNDFD	10	1.9
1.25	37	14.45	0.28	1.95	1.05	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
11.55	38	11.58	0.24	2.05	1.07	clayey silt to silty clay	UNDFND	UNDFD	6	.9

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC
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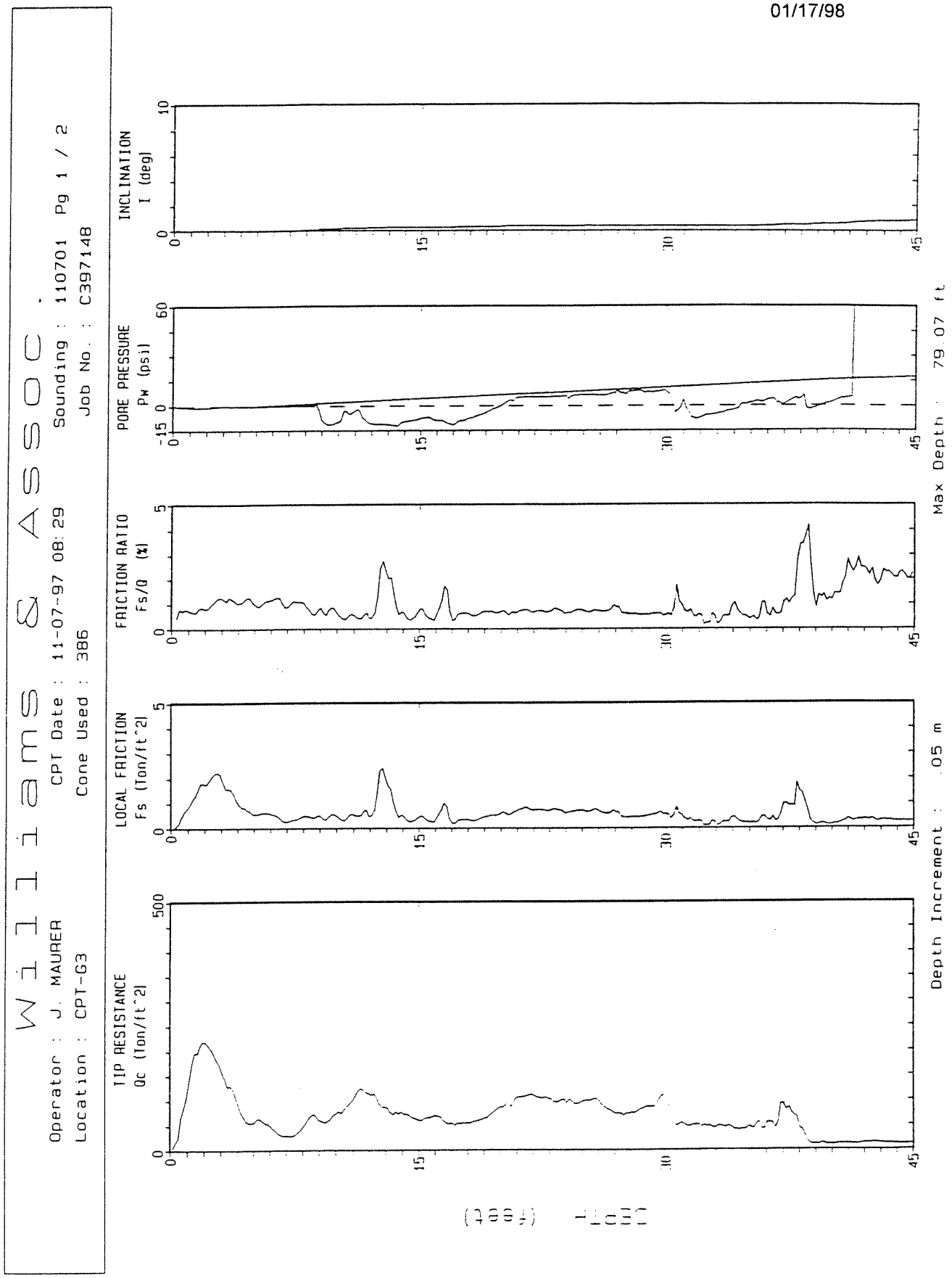
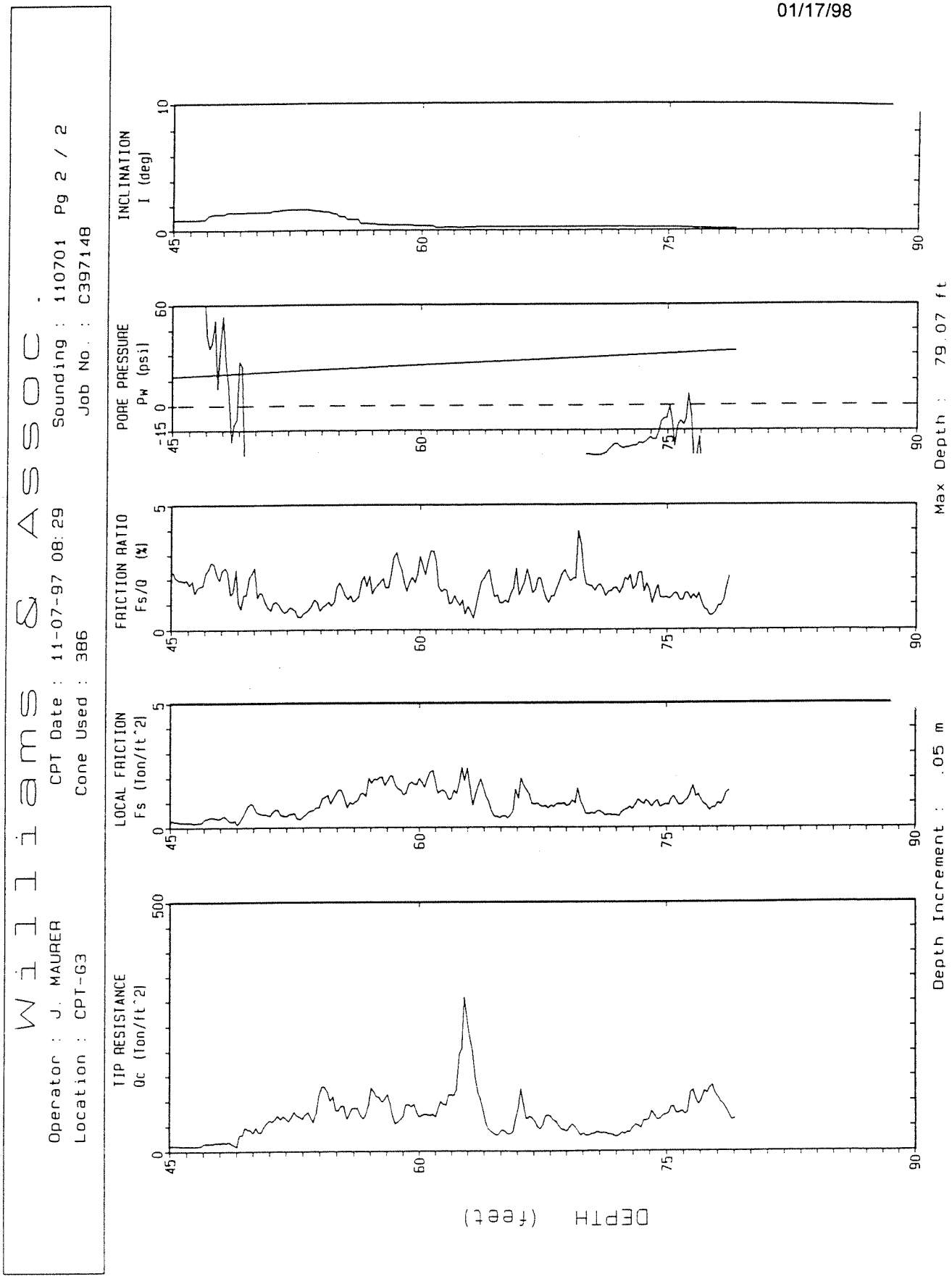
C rator :J. MAURER Location :CPT-G2 Page No. 2

DEPTH (meters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	11.10	0.30	2.73	1.10	silty clay to clay	UNDFND	UNDFD	7	.8
12.15	40	12.62	0.27	2.12	1.12	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
12.45	41	16.40	0.31	1.90	1.14	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
12.80	42	16.13	0.28	1.72	1.17	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
13.10	43	15.05	0.26	1.74	1.19	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.40	44	14.98	0.30	2.03	1.22	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.75	45	14.46	0.27	1.88	1.24	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.05	46	15.45	0.27	1.75	1.27	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.35	47	15.93	0.28	1.77	1.29	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
14.65	48	17.73	0.33	1.84	1.32	clayey silt to silty clay	UNDFND	UNDFD	8	1.5
14.95	49	18.28	0.41	2.26	1.34	clayey silt to silty clay	UNDFND	UNDFD	9	1.5
15.25	50	13.75	0.23	1.65	1.36	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
15.55	51	43.08	0.73	1.70	1.39	silty sand to sandy silt	<40	34-36	14	UNDEFINED
15.85	52	77.10	0.83	1.08	1.41	sand to silty sand	50-60	38-40	18	UNDEFINED
16.15	53	77.47	0.83	1.08	1.43	sand to silty sand	50-60	38-40	19	UNDEFINED
16.45	54	71.00	0.80	1.12	1.46	silty sand to sandy silt	50-60	36-38	23	UNDEFINED
16.75	55	100.88	1.17	1.16	1.48	sand to silty sand	60-70	38-40	24	UNDEFINED
17.05	56	97.30	1.84	1.89	1.50	silty sand to sandy silt	60-70	38-40	31	UNDEFINED
17.35	57	87.23	1.91	2.19	1.53	silty sand to sandy silt	50-60	38-40	28	UNDEFINED
17.65	58	55.20	1.79	3.25	1.55	sandy silt to clayey silt	UNDFND	UNDFD	21	5.2
17.95	59	71.03	2.04	2.87	1.57	sandy silt to clayey silt	UNDFND	UNDFD	27	6.7
18.25	60	82.50	2.61	3.17	1.60	sandy silt to clayey silt	UNDFND	UNDFD	32	7.9
18.55	61	123.15	1.50	1.22	1.62	sand to silty sand	60-70	38-40	29	UNDEFINED
18.85	62	175.17	2.18	1.24	1.64	sand to silty sand	70-80	40-42	42	UNDEFINED
19.20	63	100.56	2.27	2.26	1.67	silty sand to sandy silt	50-60	38-40	32	UNDEFI'
19.50	64	53.77	1.27	2.36	1.69	sandy silt to clayey silt	UNDFND	UNDFD	21	5..
19.80	65	44.60	1.08	2.42	1.72	sandy silt to clayey silt	UNDFND	UNDFD	17	4.1
20.15	66	52.04	1.02	1.95	1.74	silty sand to sandy silt	<40	34-36	17	UNDEFINED
20.45	67	69.58	1.17	1.69	1.77	silty sand to sandy silt	40-50	36-38	22	UNDEFINED
20.75	68	55.73	1.37	2.46	1.79	sandy silt to clayey silt	UNDFND	UNDFD	21	5.2
21.05	69	45.12	0.96	2.13	1.81	sandy silt to clayey silt	UNDFND	UNDFD	17	4.1
21.35	70	37.53	0.64	1.69	1.84	sandy silt to clayey silt	UNDFND	UNDFD	14	3.3
21.65	71	33.57	0.64	1.91	1.86	sandy silt to clayey silt	UNDFND	UNDFD	13	2.9
21.95	72	42.78	1.05	2.47	1.88	sandy silt to clayey silt	UNDFND	UNDFD	16	3.8
22.25	73	61.72	1.21	1.96	1.91	silty sand to sandy silt	40-50	34-36	20	UNDEFINED
22.55	74	78.58	1.15	1.47	1.93	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
22.85	75	86.17	1.64	1.91	1.95	silty sand to sandy silt	50-60	36-38	28	UNDEFINED
23.15	76	145.70	1.14	0.78	1.98	sand	60-70	38-40	28	UNDEFINED
23.45	77	107.78	1.24	1.15	2.00	sand to silty sand	50-60	38-40	26	UNDEFINED
23.75	78	73.40	1.34	1.83	2.03	silty sand to sandy silt	40-50	36-38	23	UNDEFINED
24.05	79	79.75	1.41	1.77	2.05	silty sand to sandy silt	40-50	36-38	25	UNDEFINED
24.35	80	82.27	1.53	1.86	2.07	silty sand to sandy silt	50-60	36-38	26	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****


Williams & Assoc.
Operator : J. MAURER
Location : CPT-G3
CPT Date : 11-07-97 08:29
Cone Used : 386
Sounding : 110701 Pg 1 / 2
Job No. : C397148
TIP RESISTANCE
Qc (Ton/ft^2)
LOCAL FRICTION
Fs (Ton/ft^2)
FRICTION RATIO
Fs/Q (%)
PORE PRESSURE
Pw (psi)
INCLINATION
I (deg)
DEPTH (feet)
Depth Increment : .05 m
Max Depth : 79.07 ft


Williams & Assoc.
Operator : J. MAURER
Location : CPT-G3
CPT Date : 11-07-97 08:29
Cone Used : 386
Sounding : 110701 Pg 2 / 2
Job No. : C397148
INCLINATION
I (deg)
PORE PRESSURE
Pw (psi)
FRICTION RATIO
Fs/Q (%)
LOCAL FRICTION
Fs (ton/ft^2)
TIP RESISTANCE
Qc (ton/ft^2)
DEPTH (feet)
Max Depth : 79.07 ft
Depth Increment : .05 m

1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-G3
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-07-97 08:29
Cone Used :386
Water table (feet) :

DEPTH (meters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	50.57	0.37	0.72	0.03	silty sand to sandy silt	>90	>48	16	UNDEFINED
0.60	2	188.73	1.43	0.76	0.08	sand	>90	>48	36	UNDEFINED
0.95	3	190.97	2.03	1.06	0.14	sand	>90	>48	37	UNDEFINED
1.25	4	120.45	1.37	1.13	0.20	sand to silty sand	>90	>48	29	UNDEFINED
1.55	5	61.05	0.69	1.12	0.25	silty sand to sandy silt	70-80	44-46	19	UNDEFINED
1.85	6	56.30	0.59	1.05	0.31	silty sand to sandy silt	60-70	42-44	18	UNDEFINED
2.15	7	33.72	0.37	1.10	0.34	silty sand to sandy silt	50-60	40-42	11	UNDEFINED
2.45	8	35.52	0.38	1.06	0.36	silty sand to sandy silt	50-60	40-42	11	UNDEFINED
2.75	9	64.98	0.46	0.71	0.39	sand to silty sand	60-70	42-44	16	UNDEFINED
3.05	10	62.68	0.45	0.71	0.41	sand to silty sand	60-70	42-44	15	UNDEFINED
3.35	11	86.02	0.42	0.49	0.43	sand to silty sand	70-80	44-46	21	UNDEFINED
3.65	12	117.08	0.56	0.48	0.46	sand	80-90	44-46	22	UNDEFINED
3.95	13	99.85	1.56	1.56	0.48	silty sand to sandy silt	70-80	44-46	32	UNDEFINED
4.25	14	76.75	0.99	1.28	0.50	silty sand to sandy silt	60-70	42-44	25	UNDEFINED
4.55	15	67.72	0.33	0.48	0.53	sand to silty sand	60-70	42-44	16	UNDEFINED
4.85	16	63.83	0.34	0.53	0.55	sand to silty sand	60-70	40-42	15	UNDEFINED
5.15	17	61.03	0.65	1.07	0.57	silty sand to sandy silt	60-70	40-42	19	UNDEFINED
5.45	18	53.73	0.28	0.52	0.60	sand to silty sand	50-60	40-42	13	UNDEFINED
5.75	19	57.85	0.33	0.57	0.62	sand to silty sand	50-60	40-42	14	UNDEFINED
6.05	20	72.42	0.48	0.67	0.64	sand to silty sand	60-70	40-42	17	UNDEFINED
6.40	21	92.64	0.60	0.65	0.67	sand to silty sand	70-80	42-44	22	UNDEFINED
6.70	22	108.90	0.77	0.71	0.70	sand to silty sand	70-80	42-44	26	UNDEFINED
7.00	23	105.82	0.73	0.69	0.72	sand to silty sand	70-80	42-44	25	UNDEFINED
7.35	24	98.63	0.71	0.71	0.74	sand to silty sand	70-80	42-44	24	UNDEFINED
7.65	25	96.68	0.69	0.71	0.77	sand to silty sand	60-70	40-42	23	UNDEFINED
7.95	26	100.37	0.70	0.69	0.79	sand to silty sand	70-80	42-44	24	UNDEFINED
8.25	27	81.38	0.63	0.77	0.82	sand to silty sand	60-70	40-42	19	UNDEFINED
8.55	28	73.10	0.47	0.64	0.84	sand to silty sand	60-70	40-42	18	UNDEFINED
8.85	29	82.07	0.46	0.56	0.86	sand to silty sand	60-70	40-42	20	UNDEFINED
9.15	30	98.50	0.57	0.58	0.89	sand to silty sand	60-70	40-42	24	UNDEFINED
9.45	31	63.08	0.56	0.89	0.91	sand to silty sand	50-60	38-40	15	UNDEFINED
9.75	32	49.98	0.30	0.61	0.93	sand to silty sand	40-50	36-38	12	UNDEFINED
10.05	33	46.70	0.17	0.36	0.96	sand to silty sand	40-50	36-38	11	UNDEFINED
10.35	34	47.20	0.22	0.47	0.98	sand to silty sand	40-50	36-38	11	UNDEFINED
10.65	35	42.08	0.27	0.64	1.00	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
10.95	36	47.23	0.29	0.61	1.03	silty sand to sandy silt	40-50	36-38	15	UNDEFINED
11.25	37	60.22	0.36	0.60	1.05	sand to silty sand	50-60	38-40	14	UNDEFINED
11.55	38	78.15	1.08	1.38	1.07	silty sand to sandy silt	50-60	38-40	25	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

* * Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC
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C rator :J. MAURER Location :CPT-G3 Page No. 2

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	25.43	0.86	3.37	1.10	clayey silt to silty clay	UNDFND	UNDFD	12	2.3
12.15	40	11.38	0.14	1.21	1.12	clayey silt to silty clay	UNDFND	UNDFD	5	.9
12.45	41	11.67	0.18	1.57	1.14	clayey silt to silty clay	UNDFND	UNDFD	6	.9
12.80	42	12.09	0.31	2.57	1.17	clayey silt to silty clay	UNDFND	UNDFD	6	.9
13.10	43	13.97	0.30	2.11	1.19	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
13.40	44	12.70	0.28	2.22	1.22	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
13.75	45	11.34	0.25	2.20	1.24	clayey silt to silty clay	UNDFND	UNDFD	5	.8
14.05	46	10.92	0.21	1.95	1.27	clayey silt to silty clay	UNDFND	UNDFD	5	.8
14.80	49	11.48	0.21	1.83	1.31	clayey silt to silty clay	UNDFND	UNDFD	5	.8
15.10	50	15.97	0.38	2.37	1.35	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
15.40	51	14.92	0.28	1.90	1.37	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
15.70	52	38.70	0.69	1.77	1.40	sandy silt to clayey silt	UNDFND	UNDFD	15	3.5
16.00	52	47.98	0.53	1.10	1.42	silty sand to sandy silt	40-50	34-36	15	UNDEFINED
16.30	53	65.13	0.57	0.88	1.44	sand to silty sand	40-50	36-38	16	UNDEFINED
16.60	54	68.30	0.46	0.67	1.47	sand to silty sand	50-60	36-38	16	UNDEFINED
16.90	55	77.27	0.68	0.88	1.49	sand to silty sand	50-60	36-38	19	UNDEFINED
17.20	56	111.23	1.20	1.08	1.51	sand to silty sand	60-70	38-40	27	UNDEFINED
17.50	57	80.78	1.16	1.44	1.54	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
17.80	58	78.33	1.36	1.73	1.56	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
18.10	59	110.32	1.90	1.72	1.58	silty sand to sandy silt	60-70	38-40	35	UNDEFINED
18.40	60	76.07	1.80	2.36	1.61	sandy silt to clayey silt	UNDFND	UNDFD	29	7.2
18.70	61	85.57	1.62	1.89	1.63	silty sand to sandy silt	50-60	36-38	27	UNDEFINED
19.00	62	71.37	1.98	2.78	1.65	sandy silt to clayey silt	UNDFND	UNDFD	27	6.7
19.30	63	90.68	1.45	1.60	1.68	silty sand to sandy silt	50-60	38-40	29	UNDEFINED
19.65	64	188.01	1.79	0.95	1.70	sand	70-80	40-42	36	UNDEFI
19.95	65	146.02	1.51	1.04	1.73	sand to silty sand	60-70	40-42	35	UNDEFI..
20.25	66	39.58	0.70	1.76	1.75	sandy silt to clayey silt	UNDFND	UNDFD	15	3.5
20.60	68	48.01	0.72	1.51	1.78	silty sand to sandy silt	<40	32-34	15	UNDEFINED
20.90	69	78.25	1.40	1.79	1.80	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
21.20	70	58.62	0.86	1.47	1.83	silty sand to sandy silt	40-50	34-36	19	UNDEFINED
21.50	71	48.57	0.91	1.87	1.85	silty sand to sandy silt	<40	32-34	16	UNDEFINED
21.80	72	42.48	1.07	2.53	1.87	sandy silt to clayey silt	UNDFND	UNDFD	16	3.8
22.10	73	33.85	0.58	1.71	1.90	sandy silt to clayey silt	UNDFND	UNDFD	13	2.9
22.40	73	32.90	0.51	1.53	1.92	sandy silt to clayey silt	UNDFND	UNDFD	13	2.8
22.70	74	37.17	0.67	1.80	1.94	sandy silt to clayey silt	UNDFND	UNDFD	14	3.3
23.00	75	55.15	1.01	1.83	1.97	silty sand to sandy silt	<40	34-36	18	UNDEFINED
23.30	76	69.55	0.92	1.32	1.99	silty sand to sandy silt	40-50	34-36	22	UNDEFINED
23.60	77	80.02	1.03	1.28	2.01	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
23.90	78	97.27	1.30	1.34	2.04	sand to silty sand	50-60	36-38	23	UNDEFINED
24.20	79	118.47	0.85	0.71	2.06	sand to silty sand	60-70	38-40	28	UNDEFINED
24.50	80	85.13	-5460.36	-6413.89	2.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

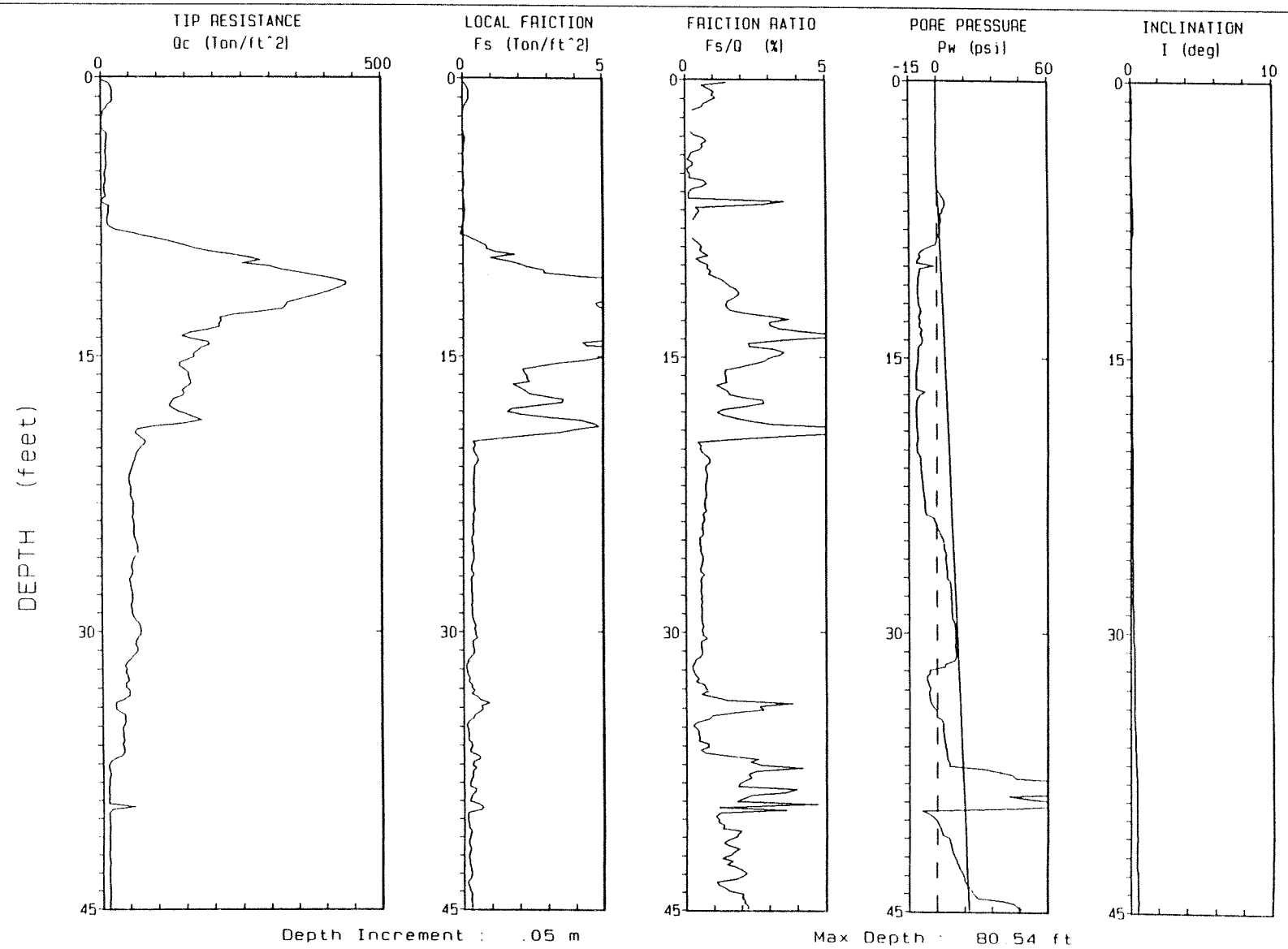
**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G4

CPT Date : 11-08-97 09:12
Cone Used : 386

Sounding : 110801 Pg 1 / 2
Job No. : C397148

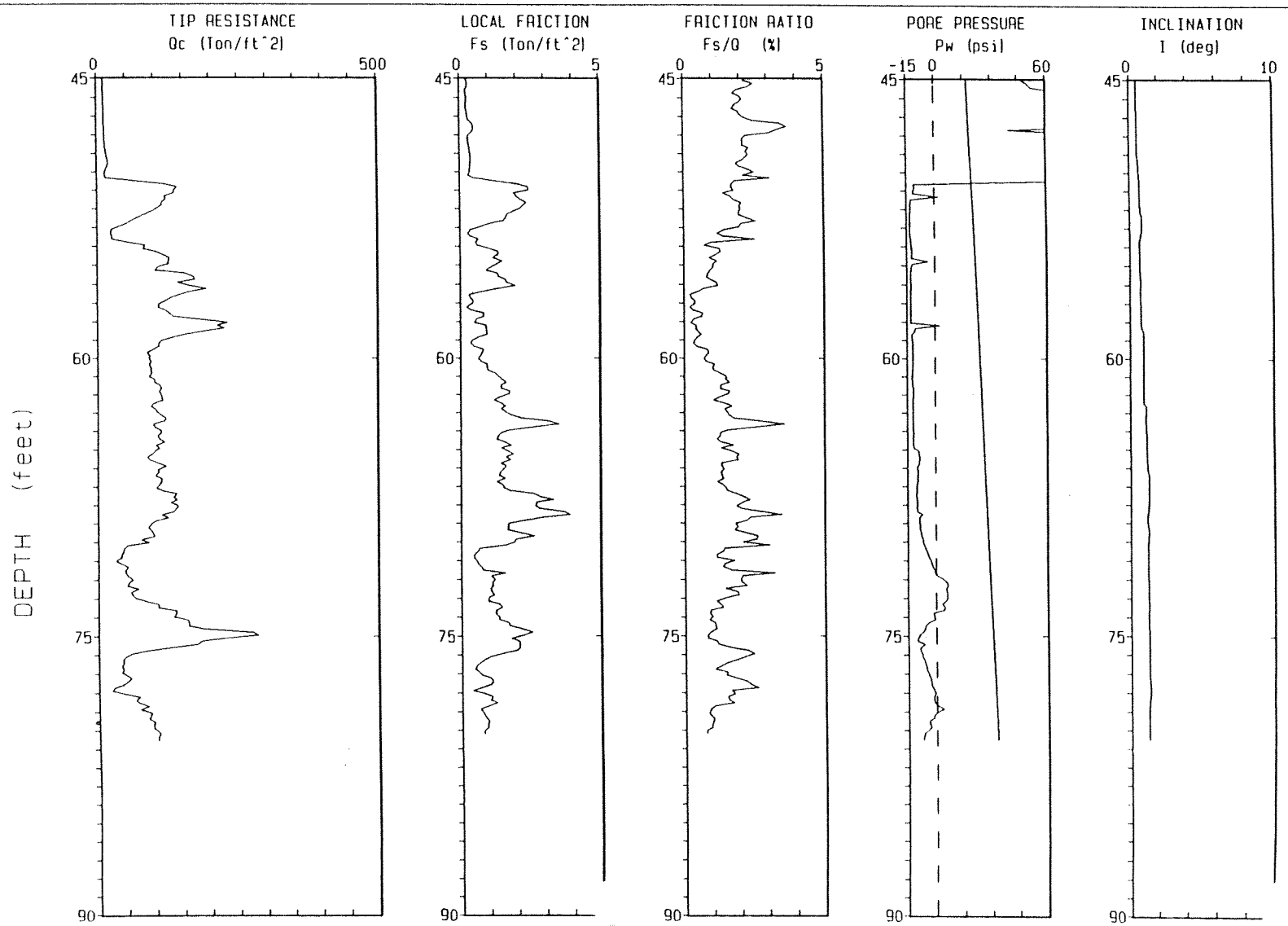


Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G4
CPT Date : 11-08-97 09:12
Cone Used : 386
Sounding : 110801 Pg 2 / 2
Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-G4
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-08-97 09:12
Cone Used :386
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	14.95	0.14	0.93	0.03	sandy silt to clayey silt	UNDFND	UNDFD	6	1.4
0.60	2	11.08	0.06	0.58	0.08	sandy silt to clayey silt	UNDFND	UNDFD	4	1.1
0.95	3	3.81	0.02	0.39	0.14	sensitive fine grained	UNDFND	UNDFD	2	.3
1.25	4	8.47	0.04	0.49	0.20	sensitive fine grained	UNDFND	UNDFD	4	.8
1.55	5	8.42	0.01	0.16	0.25	sensitive fine grained	UNDFND	UNDFD	4	.8
1.85	6	6.15	0.03	0.44	0.31	sensitive fine grained	UNDFND	UNDFD	3	.5
2.15	7	7.28	0.03	0.46	0.34	sensitive fine grained	UNDFND	UNDFD	3	.6
2.45	8	12.13	0.01	0.08	0.36	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
2.75	9	91.20	0.30	0.33	0.39	sand	70-80	44-46	17	UNDEFINED
3.05	10	229.75	1.38	0.60	0.41	sand	>90	>48	44	UNDEFINED
3.35	11	368.85	4.00	1.09	0.43	sand	>90	>48	>50	UNDEFINED
3.65	12	397.28	6.90	1.74	0.46	sand to silty sand	>90	>48	>50	UNDEFINED
3.95	13	285.70	5.95	2.08	0.48	sand to silty sand	>90	>48	>50	UNDEFINED
4.25	14	187.45	7.18	3.83	0.50	sand to clayey sand (*)	UNDFND	UNDFD	>50	UNDEFINED
4.55	15	176.63	5.26	2.98	0.53	silty sand to sandy silt	>90	46-48	>50	UNDEFINED
4.85	16	150.18	3.27	2.17	0.55	silty sand to sandy silt	80-90	44-46	48	UNDEFINED
5.15	17	154.67	2.14	1.38	0.57	sand to silty sand	80-90	44-46	37	UNDEFINED
5.45	18	132.33	2.79	2.11	0.60	silty sand to sandy silt	80-90	44-46	42	UNDEFINED
5.75	19	146.77	3.40	2.32	0.62	silty sand to sandy silt	80-90	44-46	47	UNDEFINED
6.05	20	69.10	1.99	2.88	0.64	sandy silt to clayey silt	UNDFND	UNDFD	26	6.8
6.40	21	61.00	0.43	0.70	0.67	sand to silty sand	50-60	40-42	15	UNDEFINED
6.70	22	50.50	0.37	0.73	0.70	silty sand to sandy silt	50-60	38-40	16	UNDEFINED
7.00	23	52.90	0.37	0.71	0.72	sand to silty sand	50-60	38-40	13	UNDEFINED
7.35	24	55.96	0.37	0.66	0.74	sand to silty sand	50-60	38-40	13	UNDEFINED
7.65	25	58.33	0.33	0.56	0.77	sand to silty sand	50-60	38-40	14	UNDEFINED
7.95	26	62.15	0.34	0.55	0.79	sand to silty sand	50-60	38-40	15	UNDEFINED
8.25	27	53.83	0.31	0.57	0.82	sand to silty sand	50-60	38-40	13	UNDEFINED
8.55	28	52.20	0.29	0.55	0.84	sand to silty sand	50-60	38-40	13	UNDEFINED
8.85	29	53.73	0.30	0.56	0.86	sand to silty sand	50-60	38-40	13	UNDEFINED
9.15	30	64.28	0.37	0.58	0.89	sand to silty sand	50-60	38-40	15	UNDEFINED
9.45	31	62.73	0.38	0.60	0.91	sand to silty sand	50-60	38-40	15	UNDEFINED
9.75	32	48.58	0.18	0.38	0.93	sand to silty sand	40-50	36-38	12	UNDEFINED
0.05	33	43.90	0.20	0.46	0.96	sand to silty sand	40-50	36-38	11	UNDEFINED
0.35	34	38.87	0.55	1.41	0.98	silty sand to sandy silt	<40	36-38	12	UNDEFINED
10.65	35	35.97	0.37	1.02	1.00	silty sand to sandy silt	<40	36-38	11	UNDEFINED
0.95	36	36.70	0.18	0.49	1.03	silty sand to sandy silt	<40	34-36	12	UNDEFINED
1.25	37	30.73	0.37	1.19	1.05	silty sand to sandy silt	<40	34-36	10	UNDEFINED
11.55	38	11.73	0.31	2.66	1.07	silty clay to clay	UNDFND	UNDFD	7	.9

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

(*) overconsolidated or cemented

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC
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erator :J. MAURER Location :CPT-G4 Page No. 2

DEPTH eters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	tsf
11.85	39	10.82	0.28	2.62	1.10	silty clay to clay	UNDFND	UNDFD	7	.8
12.15	40	19.95	0.38	1.88	1.12	sandy silt to clayey silt	UNDFND	UNDFD	8	1.7
12.45	41	11.98	0.18	1.47	1.14	clayey silt to silty clay	UNDFND	UNDFD	6	.9
12.80	42	11.57	0.19	1.63	1.17	clayey silt to silty clay	UNDFND	UNDFD	6	.9
13.10	43	12.28	0.21	1.74	1.19	clayey silt to silty clay	UNDFND	UNDFD	6	.9
13.40	44	12.45	0.19	1.52	1.22	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
13.75	45	12.39	0.26	2.12	1.24	clayey silt to silty clay	UNDFND	UNDFD	6	.9
14.05	46	11.82	0.25	2.12	1.27	clayey silt to silty clay	UNDFND	UNDFD	6	.9
14.35	47	12.85	0.25	1.97	1.29	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
14.65	48	13.42	0.41	3.07	1.32	silty clay to clay	UNDFND	UNDFD	9	1.0
14.95	49	15.10	0.33	2.21	1.34	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
15.25	50	17.37	0.37	2.16	1.36	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
15.55	51	81.78	1.48	1.81	1.39	silty sand to sandy silt	50-60	38-40	26	UNDEFINED
15.85	52	118.67	2.14	1.80	1.41	silty sand to sandy silt	60-70	40-42	38	UNDEFINED
16.15	53	66.53	1.41	2.12	1.43	silty sand to sandy silt	40-50	36-38	21	UNDEFINED
16.45	54	39.67	0.47	1.18	1.46	silty sand to sandy silt	<40	32-34	13	UNDEFINED
16.75	55	113.83	1.29	1.13	1.48	sand to silty sand	60-70	38-40	27	UNDEFINED
17.05	56	141.95	1.33	0.94	1.50	sand to silty sand	70-80	40-42	34	UNDEFINED
17.35	57	152.92	0.87	0.57	1.53	sand	70-80	40-42	29	UNDEFINED
17.65	58	130.40	0.54	0.41	1.55	sand	60-70	40-42	25	UNDEFINED
17.95	59	191.73	0.80	0.42	1.57	sand	70-80	40-42	37	UNDEFINED
18.25	60	101.57	0.59	0.58	1.60	sand to silty sand	60-70	38-40	24	UNDEFINED
18.55	61	93.57	0.92	0.98	1.62	sand to silty sand	50-60	38-40	22	UNDEFINED
18.85	62	103.78	1.51	1.46	1.64	sand to silty sand	60-70	38-40	25	UNDEFINED
19.20	63	106.16	1.49	1.40	1.67	sand to silty sand	60-70	38-40	25	UNDE
19.50	64	110.57	2.50	2.26	1.69	silty sand to sandy silt	60-70	38-40	35	UNDE
19.80	65	110.00	1.47	1.34	1.72	sand to silty sand	60-70	38-40	26	UNDEFINED
20.15	66	102.34	1.65	1.61	1.74	silty sand to sandy silt	50-60	38-40	33	UNDEFINED
20.45	67	107.77	1.44	1.34	1.77	sand to silty sand	60-70	38-40	26	UNDEFINED
20.75	68	134.23	2.64	1.97	1.79	silty sand to sandy silt	60-70	38-40	43	UNDEFINED
21.05	69	117.52	2.88	2.45	1.81	silty sand to sandy silt	60-70	38-40	38	UNDEFINED
21.35	70	91.33	2.00	2.19	1.84	silty sand to sandy silt	50-60	36-38	29	UNDEFINED
21.65	71	42.33	0.72	1.70	1.86	silty sand to sandy silt	<40	32-34	14	UNDEFINED
21.95	72	50.82	1.00	1.96	1.88	sandy silt to clayey silt	UNDFND	UNDFD	19	4.6
22.25	73	60.13	1.08	1.80	1.91	silty sand to sandy silt	40-50	34-36	19	UNDEFINED
22.55	74	118.23	1.25	1.06	1.93	sand to silty sand	60-70	38-40	28	UNDEFINED
22.85	75	204.93	1.94	0.95	1.95	sand	70-80	40-42	39	UNDEFINED
23.15	76	141.82	1.89	1.33	1.98	sand to silty sand	60-70	38-40	34	UNDEFINED
23.45	77	43.47	0.68	1.57	2.00	silty sand to sandy silt	<40	32-34	14	UNDEFINED
23.75	78	41.58	0.82	1.98	2.03	sandy silt to clayey silt	UNDFND	UNDFD	16	3.7
24.05	79	69.58	0.96	1.38	2.05	silty sand to sandy silt	40-50	34-36	22	UNDEFINED
24.35	80	93.58	0.86	0.92	2.07	sand to silty sand	50-60	36-38	22	UNDEFINED

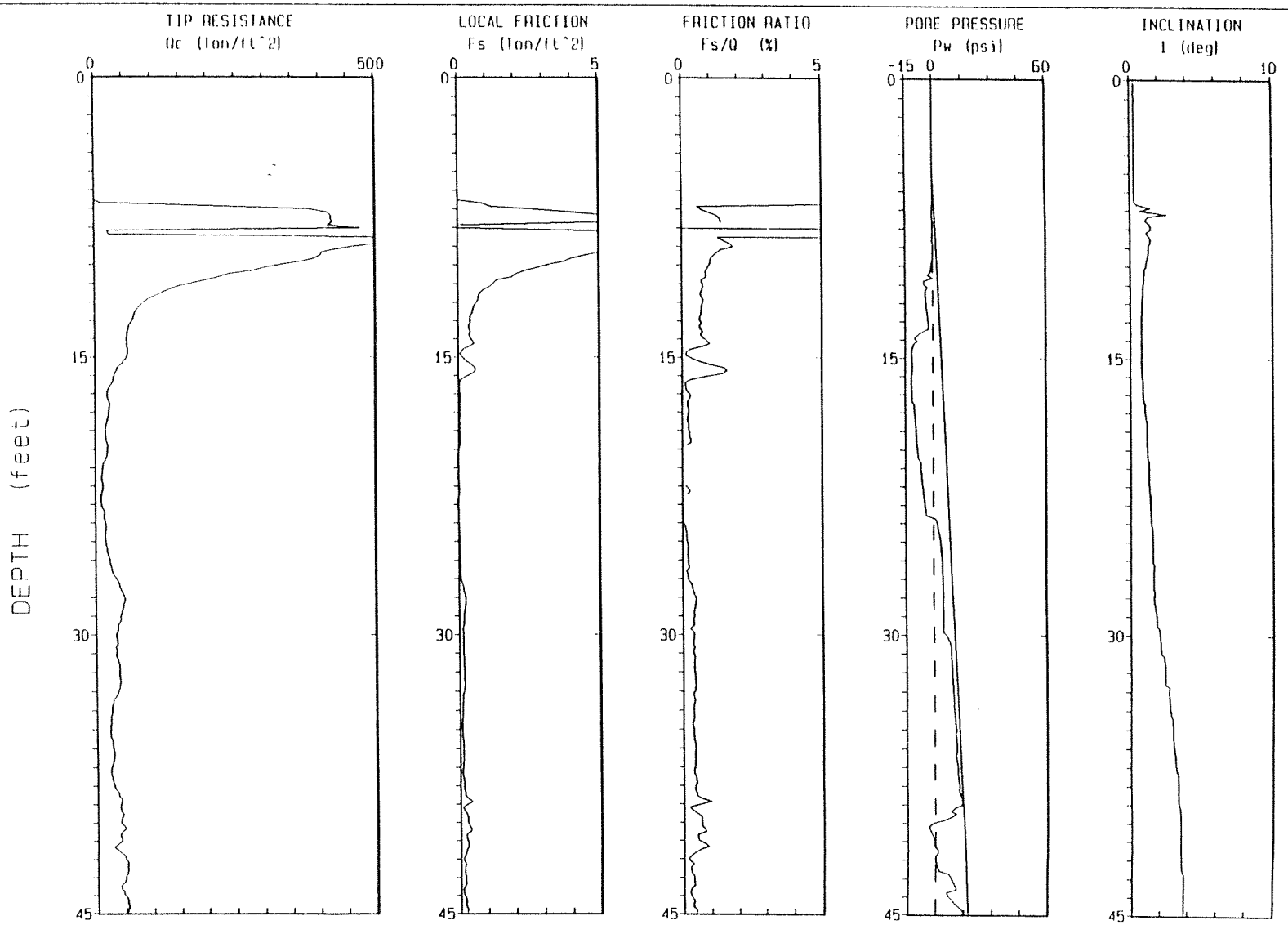
Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER | CPT Date : 11-05-97 10:32 | Sounding : 110502 Pg 1 / 2

Location : CPT-65 | Cone Used : 386 | Job No. : C397148



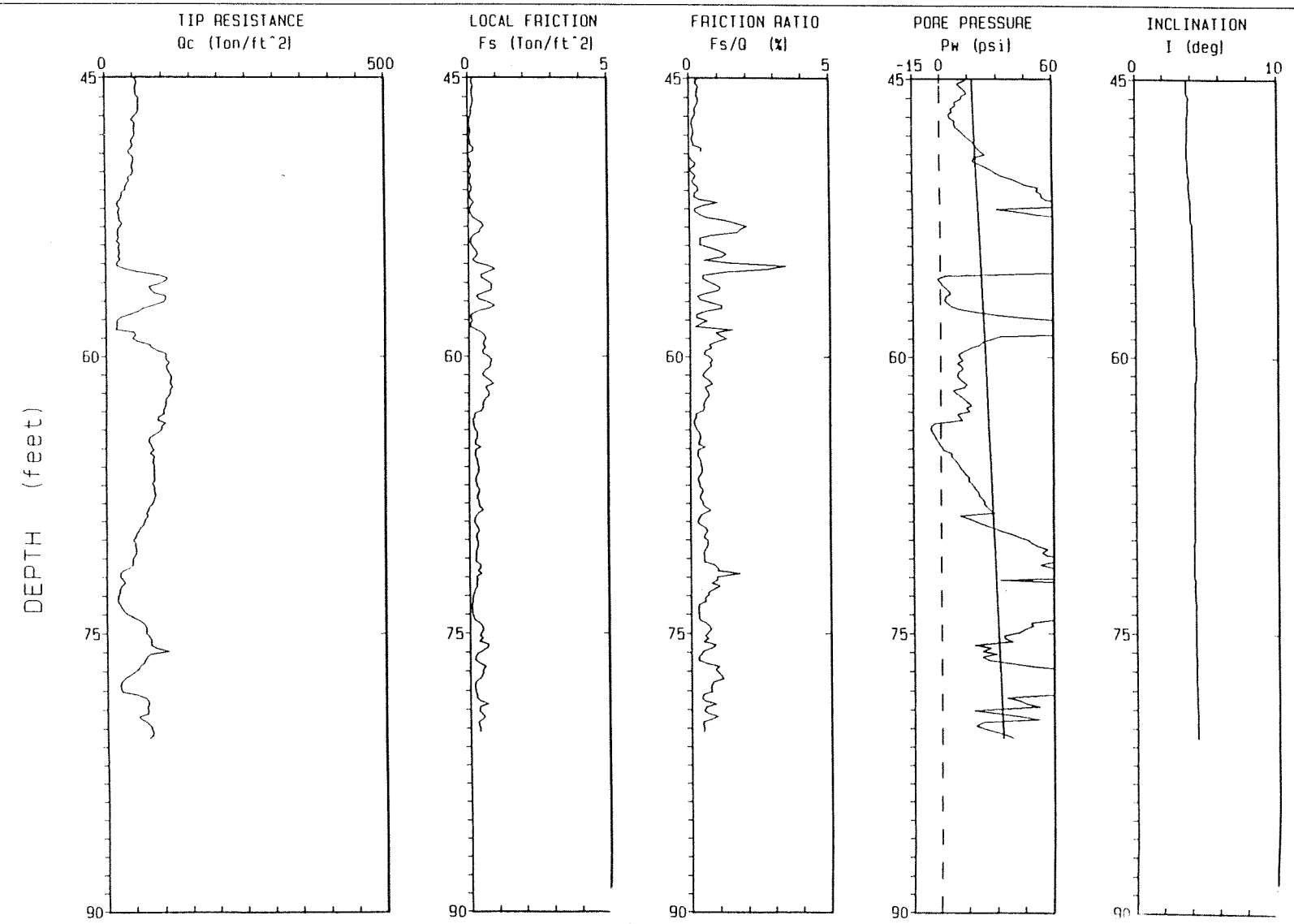
Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER | CPT Date : 11-05-97 10:32 | Sounding : 110502 Pg 2 / 2

Location : CPT-G5 | Cone Used : 386 | Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-G5
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-05-97 10:32
Cone Used :386
Water table (feet) :

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.05	0.00	1.67	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.03	-0.00	-1.00	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.01	-0.00	-7.00	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.05	0.00	0.33	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	0.03	-0.00	-2.50	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	0.02	-0.00	-4.00	0.31	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.15	7	101.50	0.79	0.78	0.34	sand to silty sand	80-90	44-46	24	UNDEFINED
2.45	8	429.42	3.57	0.83	0.36	gravelly sand to sand	>90	>48	>50	UNDEFINED
2.75	9	340.58	7.18	2.11	0.39	sand to silty sand	>90	>48	>50	UNDEFINED
3.05	10	388.83	4.44	1.14	0.41	sand	>90	>48	>50	UNDEFINED
3.35	11	237.30	1.96	0.83	0.43	sand	>90	>48	45	UNDEFINED
3.65	12	118.05	0.84	0.72	0.46	sand to silty sand	80-90	44-46	28	UNDEFINED
3.95	13	73.43	0.50	0.68	0.48	sand to silty sand	60-70	42-44	18	UNDEFINED
4.25	14	58.73	0.40	0.68	0.50	sand to silty sand	60-70	40-42	14	UNDEFINED
4.55	15	56.87	0.30	0.53	0.53	sand to silty sand	50-60	40-42	14	UNDEFINED
4.85	16	43.82	0.44	1.01	0.55	silty sand to sandy silt	50-60	40-42	14	UNDEFINED
5.15	17	27.73	0.08	0.30	0.57	silty sand to sandy silt	<40	36-38	9	UNDEFINED
5.45	18	23.62	0.05	0.23	0.60	silty sand to sandy silt	<40	36-38	8	UNDEFINED
5.75	19	21.22	0.04	0.21	0.62	silty sand to sandy silt	<40	34-36	7	UNDEFINED
6.05	20	19.68	0.05	0.24	0.64	silty sand to sandy silt	<40	34-36	6	UNDEFINED
6.40	21	17.96	-0.03	-0.14	0.67	undefined	UNDFND	UNDFD	UDF	UNDEFINED
6.70	22	12.45	-0.01	-0.11	0.70	undefined	UNDFND	UNDFD	UDF	UNDEFINED
7.00	23	11.22	-0.00	-0.03	0.72	undefined	UNDFND	UNDFD	UDF	UNDEFINED
7.35	24	15.27	-0.01	-0.05	0.74	undefined	UNDFND	UNDFD	UDF	UNDEFINED
7.65	25	17.93	0.02	0.14	0.77	silty sand to sandy silt	<40	32-34	6	UNDEFINED
7.95	26	21.95	0.04	0.19	0.79	silty sand to sandy silt	<40	34-36	7	UNDEFINED
8.25	27	30.63	0.06	0.19	0.82	silty sand to sandy silt	<40	36-38	10	UNDEFINED
8.55	28	45.57	0.17	0.37	0.84	sand to silty sand	40-50	38-40	11	UNDEFINED
8.85	29	47.23	0.20	0.42	0.86	sand to silty sand	40-50	38-40	11	UNDEFINED
9.15	30	39.15	0.14	0.35	0.89	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
9.45	31	36.42	0.13	0.36	0.91	silty sand to sandy silt	<40	36-38	12	UNDEFINED
9.75	32	39.27	0.15	0.39	0.93	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
0.05	33	41.38	0.17	0.42	0.96	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
10.35	34	30.38	0.11	0.36	0.98	silty sand to sandy silt	<40	34-36	10	UNDEFINED
10.65	35	25.18	0.09	0.34	1.00	silty sand to sandy silt	<40	32-34	8	UNDEFINED
0.95	36	25.48	0.10	0.38	1.03	silty sand to sandy silt	<40	32-34	8	UNDEFINED
1.25	37	28.43	0.11	0.40	1.05	silty sand to sandy silt	<40	32-34	9	UNDEFINED
11.55	38	25.68	0.10	0.40	1.07	silty sand to sandy silt	<40	32-34	8	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

-- Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) **

1 WILLIAMS EARTH SCIENCES INC
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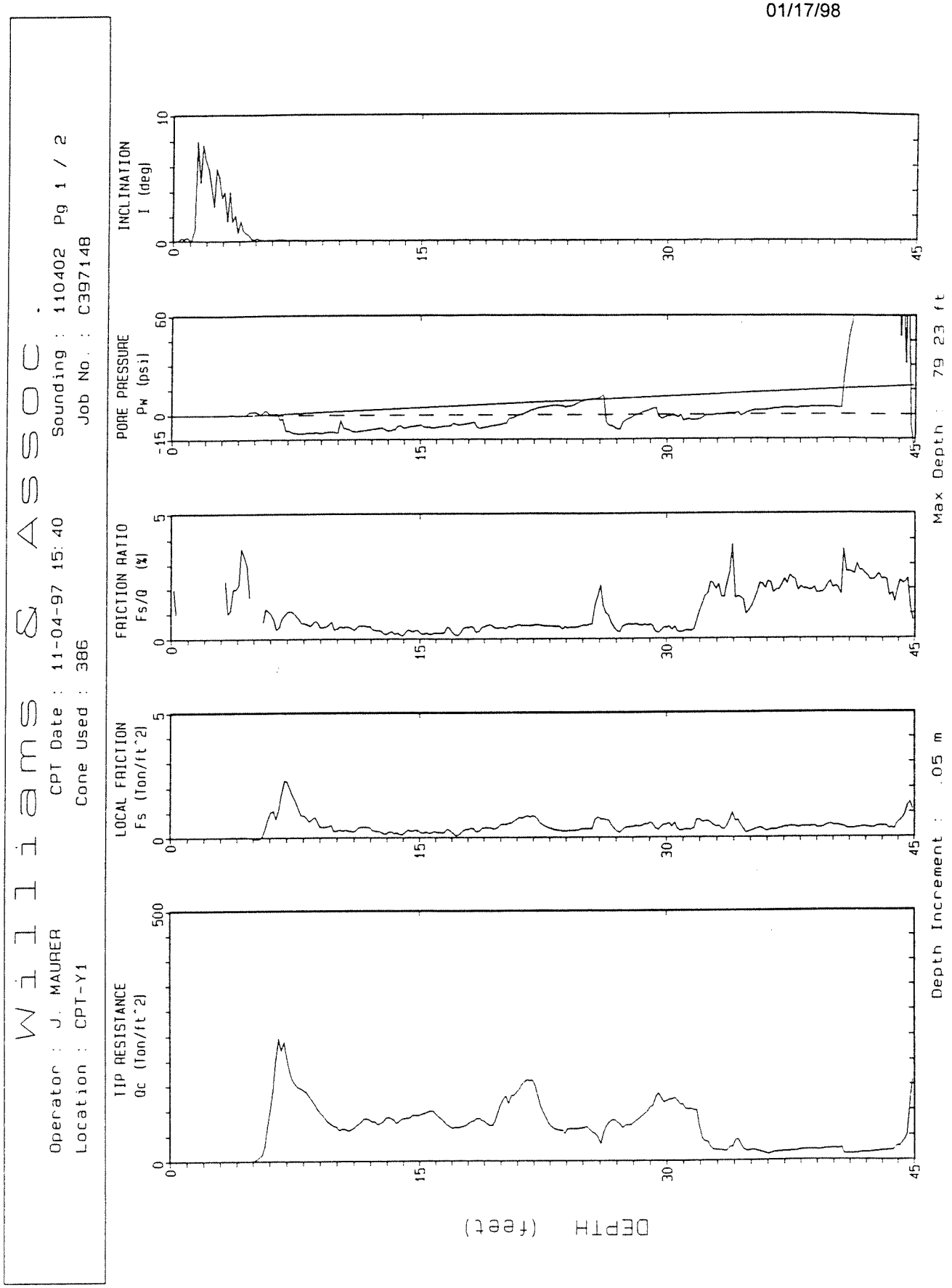
O rator :J. MAURER Location :CPT-G5 Page No. 2

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	37.33	0.21	0.56	1.10	silty sand to sandy silt	<40	34-36	12	UNDEFINED
12.15	40	42.15	0.20	0.47	1.12	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
12.45	41	43.58	0.27	0.63	1.14	silty sand to sandy silt	40-50	36-38	14	UNDEFINED
12.80	42	39.97	0.19	0.47	1.17	silty sand to sandy silt	<40	34-36	13	UNDEFINED
13.10	43	52.17	0.14	0.27	1.19	sand to silty sand	40-50	36-38	12	UNDEFINED
13.40	44	45.17	0.13	0.29	1.22	sand to silty sand	40-50	36-38	11	UNDEFINED
13.75	45	53.06	0.18	0.34	1.24	sand to silty sand	40-50	36-38	13	UNDEFINED
14.05	46	56.55	0.16	0.28	1.27	sand to silty sand	40-50	36-38	14	UNDEFINED
14.35	47	57.85	0.13	0.22	1.29	sand to silty sand	40-50	36-38	14	UNDEFINED
14.65	48	51.72	0.06	0.12	1.32	sand to silty sand	40-50	36-38	12	UNDEFINED
14.95	49	46.23	0.09	0.20	1.34	sand to silty sand	40-50	34-36	11	UNDEFINED
15.25	50	49.17	0.05	0.10	1.36	sand to silty sand	40-50	36-38	12	UNDEFINED
15.55	51	39.75	0.08	0.20	1.39	sand to silty sand	<40	34-36	10	UNDEFINED
15.85	52	25.75	0.09	0.36	1.41	silty sand to sandy silt	<40	30-32	8	UNDEFINED
16.15	53	25.37	0.27	1.05	1.43	sandy silt to clayey silt	UNDFND	UNDFD	10	2.2
16.45	54	22.82	0.20	0.87	1.46	sandy silt to clayey silt	UNDFND	UNDFD	9	1.9
16.75	55	23.63	0.24	1.00	1.48	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
17.05	56	69.88	0.65	0.93	1.50	sand to silty sand	50-60	36-38	17	UNDEFINED
17.35	57	91.57	0.60	0.65	1.53	sand to silty sand	50-60	38-40	22	UNDEFINED
17.65	58	63.88	0.47	0.74	1.55	sand to silty sand	40-50	36-38	15	UNDEFINED
17.95	59	29.92	0.25	0.84	1.57	silty sand to sandy silt	<40	30-32	10	UNDEFINED
18.25	60	76.25	0.54	0.71	1.60	sand to silty sand	50-60	36-38	18	UNDEFINED
18.55	61	107.90	0.70	0.65	1.62	sand to silty sand	60-70	38-40	26	UNDEFINED
18.85	62	114.57	0.66	0.58	1.64	sand	60-70	38-40	22	UNDEFINED
9.20	63	106.70	0.56	0.53	1.67	sand to silty sand	60-70	38-40	26	UNDEFIN
9.50	64	98.15	0.17	0.18	1.69	sand	50-60	38-40	19	UNDEFIN
19.80	65	81.22	0.29	0.35	1.72	sand to silty sand	50-60	36-38	19	UNDEFINED
20.15	66	82.96	0.27	0.32	1.74	sand to silty sand	50-60	36-38	20	UNDEFINED
20.45	67	84.05	0.27	0.32	1.77	sand to silty sand	50-60	36-38	20	UNDEFINED
20.75	68	84.13	0.32	0.38	1.79	sand to silty sand	50-60	36-38	20	UNDEFINED
21.05	69	71.45	0.30	0.42	1.81	sand to silty sand	40-50	36-38	17	UNDEFINED
21.35	70	55.52	0.27	0.49	1.84	sand to silty sand	40-50	34-36	13	UNDEFINED
21.65	71	51.15	0.26	0.50	1.86	sand to silty sand	<40	34-36	12	UNDEFINED
21.95	72	35.92	0.32	0.89	1.88	silty sand to sandy silt	<40	30-32	11	UNDEFINED
22.25	73	26.20	0.20	0.78	1.91	silty sand to sandy silt	<40	<30	8	UNDEFINED
22.55	74	25.92	0.08	0.32	1.93	silty sand to sandy silt	<40	<30	8	UNDEFINED
22.85	75	62.95	0.32	0.51	1.95	sand to silty sand	40-50	34-36	15	UNDEFINED
23.15	76	83.88	0.47	0.57	1.98	sand to silty sand	50-60	36-38	20	UNDEFINED
23.45	77	64.92	0.32	0.50	2.00	sand to silty sand	40-50	34-36	16	UNDEFINED
23.75	78	31.50	0.28	0.90	2.03	silty sand to sandy silt	<40	30-32	10	UNDEFINED
24.05	79	60.22	0.33	0.54	2.05	sand to silty sand	40-50	34-36	14	UNDEFINED
24.35	80	67.82	0.37	0.54	2.07	sand to silty sand	40-50	34-36	16	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

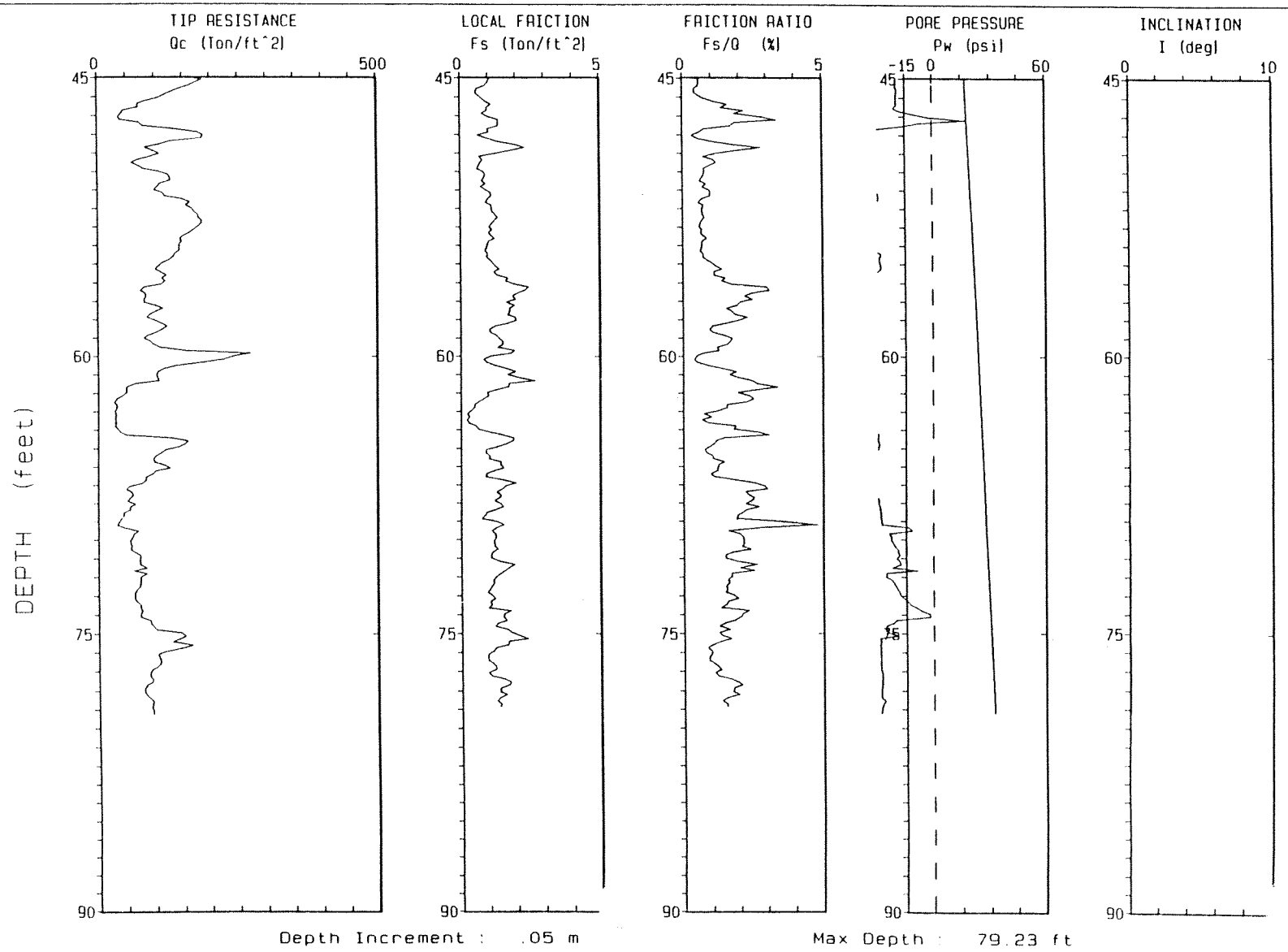
**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****


Williams & Assoc.
Operator : J. MAURER
Location : CPT-Y1
CPT Date : 11-04-97 15:40
Cone Used : 386
Sounding : 110402 Pg 1 / 2
Job No. : C397148
TIP RESISTANCE
Qc (Ton/ft^2)
LOCAL FRICTION
Fs (Ton/ft^2)
FRICTION RATIO
Fs/Q (%)
PORE PRESSURE
Pw (psi)
INCLINATION
I (deg)
DEPTH (feet)
Depth Increment : .05 m
Max Depth : 79.23 ft

Williams & Assoc.

Operator : J. MAURER | CPT Date : 11-04-97 15:40 | Sounding : 110402 Pg 2 / 2

Location : CPT-Y1 | Cone Used : 386 | Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-Y1
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-04-97 15:40
Cone Used :386
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.05	0.00	3.33	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.00	0.00	0.00	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.01	0.01	48.00	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.57	0.01	1.68	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	0.45	-0.01	-1.44	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	37.83	0.35	0.93	0.31	silty sand to sandy silt	50-60	40-42	12	UNDEFINED
2.15	7	209.43	1.56	0.74	0.34	sand	>90	>48	40	UNDEFINED
2.45	8	154.80	1.35	0.87	0.36	sand	>90	46-48	30	UNDEFINED
2.75	9	117.52	0.68	0.58	0.39	sand	80-90	44-46	23	UNDEFINED
3.05	10	77.20	0.38	0.50	0.41	sand to silty sand	70-80	42-44	18	UNDEFINED
3.35	11	62.70	0.28	0.44	0.43	sand to silty sand	60-70	42-44	15	UNDEFINED
3.65	12	78.97	0.39	0.50	0.46	sand to silty sand	70-80	42-44	19	UNDEFINED
3.95	13	78.25	0.22	0.28	0.48	sand to silty sand	70-80	42-44	19	UNDEFINED
4.25	14	82.07	0.17	0.21	0.50	sand	70-80	42-44	16	UNDEFINED
4.55	15	88.40	0.27	0.30	0.53	sand to silty sand	70-80	42-44	21	UNDEFINED
4.85	16	96.62	0.19	0.20	0.55	sand	70-80	42-44	19	UNDEFINED
5.15	17	79.53	0.23	0.29	0.57	sand to silty sand	60-70	42-44	19	UNDEFINED
5.45	18	67.15	0.18	0.27	0.60	sand to silty sand	60-70	40-42	16	UNDEFINED
5.75	19	80.47	0.31	0.39	0.62	sand to silty sand	60-70	42-44	19	UNDEFINED
6.05	20	77.83	0.37	0.47	0.64	sand to silty sand	60-70	40-42	19	UNDEFINED
6.40	21	125.17	0.58	0.46	0.67	sand	70-80	42-44	24	UNDEFINED
6.70	22	156.20	0.82	0.53	0.70	sand	80-90	44-46	30	UNDEFINED
7.00	23	106.95	0.57	0.53	0.72	sand to silty sand	70-80	42-44	26	UNDEFINED
7.35	24	61.46	0.28	0.46	0.74	sand to silty sand	50-60	40-42	15	UNDEFINED
7.65	25	63.62	0.30	0.47	0.77	sand to silty sand	50-60	40-42	15	UNDEFINED
7.95	26	53.32	0.54	1.02	0.79	silty sand to sandy silt	50-60	38-40	17	UNDEFINED
8.25	27	72.80	0.54	0.74	0.82	sand to silty sand	60-70	40-42	17	UNDEFINED
8.55	28	70.93	0.35	0.49	0.84	sand to silty sand	50-60	40-42	17	UNDEFINED
8.85	29	91.95	0.50	0.54	0.86	sand to silty sand	60-70	40-42	22	UNDEFINED
9.15	30	121.88	0.44	0.36	0.89	sand	70-80	42-44	23	UNDEFINED
9.45	31	118.35	0.41	0.35	0.91	sand	70-80	42-44	23	UNDEFINED
9.75	32	95.60	0.46	0.48	0.93	sand to silty sand	60-70	40-42	23	UNDEFINED
10.05	33	31.15	0.57	1.82	0.96	sandy silt to clayey silt	UNDFND	UNDFD	12	2.9
10.35	34	22.15	0.54	2.46	0.98	clayey silt to silty clay	UNDFND	UNDFD	11	2.0
10.65	35	28.45	0.43	1.50	1.00	sandy silt to clayey silt	UNDFND	UNDFD	11	2.6
10.95	36	17.17	0.31	1.80	1.03	clayey silt to silty clay	UNDFND	UNDFD	8	1.5
11.25	37	14.98	0.31	2.05	1.05	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
11.55	38	17.88	0.41	2.31	1.07	clayey silt to silty clay	UNDFND	UNDFD	9	1.5

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC
0
(erator :J. MAURER Location :CPT-Y1 Page No. 2

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	20.83	0.42	2.01	1.10	sandy silt to clayey silt	UNDFND	UNDFD	8	1.8
12.15	40	21.57	0.43	2.00	1.12	sandy silt to clayey silt	UNDFND	UNDFD	8	1.9
12.85	42	19.25	0.43	2.22	1.16	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
13.20	43	13.39	0.37	2.73	1.20	clayey silt to silty clay	UNDFND	UNDFD	6	1.1
13.50	44	15.97	0.39	2.45	1.23	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
13.80	45	20.35	0.40	1.95	1.25	sandy silt to clayey silt	UNDFND	UNDFD	8	1.7
14.15	46	87.99	1.01	1.15	1.27	sand to silty sand	50-60	38-40	21	UNDEFINED
14.45	47	140.40	0.75	0.54	1.30	sand	70-80	40-42	27	UNDEFINED
14.75	48	58.55	0.98	1.67	1.32	silty sand to sandy silt	40-50	36-38	19	UNDEFINED
15.05	49	115.52	1.13	0.98	1.35	sand to silty sand	60-70	40-42	28	UNDEFINED
15.35	50	119.33	1.62	1.36	1.37	sand to silty sand	60-70	40-42	29	UNDEFINED
15.65	51	81.43	0.72	0.88	1.39	sand to silty sand	50-60	38-40	20	UNDEFINED
15.95	52	116.32	0.85	0.73	1.42	sand to silty sand	60-70	40-42	28	UNDEFINED
16.25	53	145.28	1.06	0.73	1.44	sand	70-80	40-42	28	UNDEFINED
16.55	54	179.35	1.19	0.67	1.46	sand	70-80	40-42	34	UNDEFINED
16.85	55	154.30	1.08	0.70	1.49	sand	70-80	40-42	30	UNDEFINED
17.15	56	132.85	1.00	0.75	1.51	sand	60-70	40-42	25	UNDEFINED
17.45	57	111.97	1.42	1.27	1.53	sand to silty sand	60-70	38-40	27	UNDEFINED
17.75	58	86.23	2.10	2.44	1.56	sandy silt to clayey silt	UNDFND	UNDFD	33	8.3
18.05	59	96.42	1.80	1.87	1.58	silty sand to sandy silt	50-60	38-40	31	UNDEFINED
18.35	60	106.80	1.39	1.30	1.60	sand to silty sand	60-70	38-40	26	UNDEFINED
18.65	61	134.58	1.58	1.17	1.63	sand to silty sand	60-70	40-42	32	UNDEFINED
18.95	62	169.82	1.29	0.76	1.65	sand	70-80	40-42	33	UNDEFINED
19.25	63	80.20	1.86	2.31	1.67	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
19.60	64	35.10	0.68	1.93	1.70	sandy silt to clayey silt	UNDFND	UNDFD	13	
19.90	65	31.25	0.37	1.17	1.72	silty sand to sandy silt	<40	30-32	10	UNDEFINED
20.20	66	112.25	1.53	1.36	1.75	sand to silty sand	60-70	38-40	27	UNDEFINED
20.55	67	109.94	1.18	1.07	1.77	sand to silty sand	60-70	38-40	26	UNDEFINED
20.85	68	82.43	1.35	1.64	1.80	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
21.15	69	56.38	1.37	2.42	1.82	sandy silt to clayey silt	UNDFND	UNDFD	22	5.2
21.45	70	45.78	1.09	2.38	1.85	sandy silt to clayey silt	UNDFND	UNDFD	18	4.1
21.75	71	54.02	1.28	2.36	1.87	sandy silt to clayey silt	UNDFND	UNDFD	21	5.0
22.05	72	63.73	1.17	1.84	1.89	silty sand to sandy silt	40-50	34-36	20	UNDEFINED
22.35	73	75.20	1.55	2.06	1.92	silty sand to sandy silt	40-50	36-38	24	UNDEFINED
22.65	74	68.73	1.08	1.57	1.94	silty sand to sandy silt	40-50	34-36	22	UNDEFINED
22.95	75	71.05	1.27	1.78	1.96	silty sand to sandy silt	40-50	36-38	23	UNDEFINED
23.25	76	99.97	1.51	1.52	1.99	silty sand to sandy silt	50-60	36-38	32	UNDEFINED
23.55	77	142.80	1.69	1.19	2.01	sand to silty sand	60-70	38-40	34	UNDEFINED
23.85	78	103.57	1.07	1.03	2.03	sand to silty sand	50-60	36-38	25	UNDEFINED
24.15	79	87.73	1.40	1.60	2.06	silty sand to sandy silt	50-60	36-38	28	UNDEFINED
24.45	80	88.55	1.40	1.58	2.08	silty sand to sandy silt	50-60	36-38	28	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

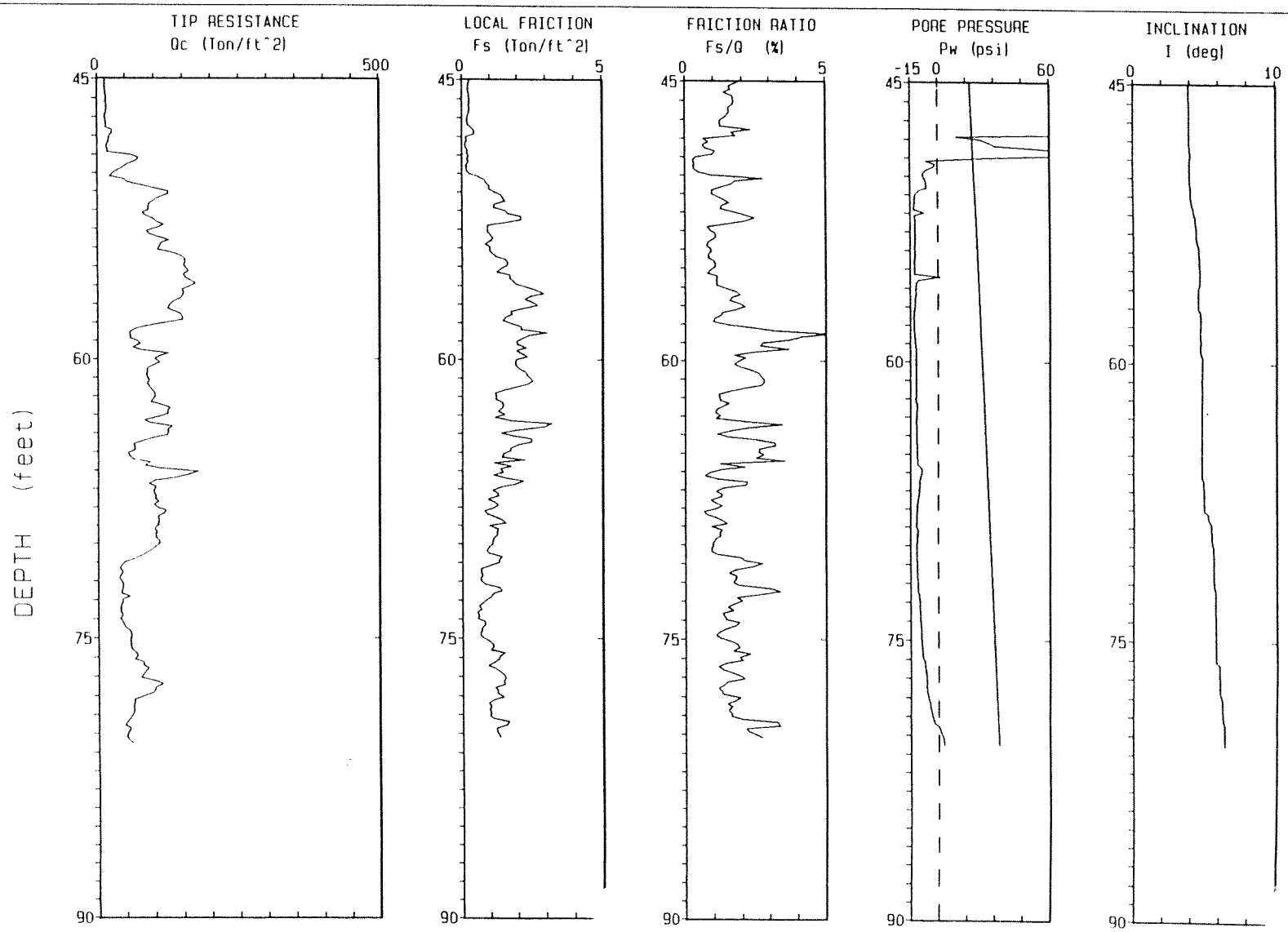
Operator : J. MAURER
CPT Date : 11-12-97 09:18
Sounding : 111201 Pg 1 / 2
Location : CPT-Y2
Cone Used : 386
Job No. : C397148

Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-Y2
CPT Date : 11-12-97 09:18
Cone Used : 386
Sounding : 111201 Pg 2 / 2
Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC
0

Operator :J. MAURER
Location :CPT-Y2
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-12-97 09:18
Cone Used :386
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	-0.07	0.00	-6.50	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.02	0.00	22.00	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	-0.03	0.00	-12.50	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	-0.07	0.00	-6.00	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	-0.15	0.00	-3.00	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	220.13	1.29	0.59	0.31	sand	>90	>48	42	UNDEFINED
2.15	7	442.15	3.08	0.70	0.34	gravelly sand to sand	>90	>48	>50	UNDEFINED
2.45	8	500.83	4.63	0.92	0.36	gravelly sand to sand	>90	>48	>50	UNDEFINED
2.75	9	416.48	4.06	0.98	0.39	sand	>90	>48	>50	UNDEFINED
3.05	10	290.85	1.92	0.66	0.41	sand	>90	>48	>50	UNDEFINED
3.35	11	227.13	1.42	0.63	0.43	sand	>90	46-48	44	UNDEFINED
3.65	12	188.90	1.68	0.89	0.46	sand	>90	46-48	36	UNDEFINED
3.95	13	152.50	0.94	0.61	0.48	sand	80-90	44-46	29	UNDEFINED
4.25	14	135.28	1.08	0.80	0.50	sand	80-90	44-46	26	UNDEFINED
4.55	15	123.75	2.71	2.19	0.53	silty sand to sandy silt	80-90	44-46	40	UNDEFINED
4.85	16	99.68	1.24	1.24	0.55	sand to silty sand	70-80	42-44	24	UNDEFINED
5.15	17	75.23	0.65	0.86	0.57	sand to silty sand	60-70	42-44	18	UNDEFINED
5.45	18	63.53	0.32	0.50	0.60	sand to silty sand	60-70	40-42	15	UNDEFINED
5.75	19	52.57	0.30	0.58	0.62	sand to silty sand	50-60	40-42	13	UNDEFINED
6.05	20	52.78	0.27	0.52	0.64	sand to silty sand	50-60	40-42	13	UNDEFINED
6.40	21	51.64	0.28	0.55	0.67	sand to silty sand	50-60	38-40	12	UNDEFINED
6.70	22	58.83	0.35	0.59	0.70	sand to silty sand	50-60	40-42	14	UNDEFINED
7.00	23	97.45	0.56	0.58	0.72	sand to silty sand	70-80	42-44	23	UNDEFINED
7.35	24	104.81	0.63	0.60	0.74	sand to silty sand	70-80	42-44	25	UNDEFINED
7.65	25	78.68	0.41	0.52	0.77	sand to silty sand	60-70	40-42	19	UNDEFINED
7.95	26	56.43	0.25	0.45	0.79	sand to silty sand	50-60	38-40	14	UNDEFINED
8.25	27	54.13	0.26	0.47	0.82	sand to silty sand	50-60	38-40	13	UNDEFINED
8.55	28	71.73	0.65	0.90	0.84	sand to silty sand	50-60	40-42	17	UNDEFINED
8.85	29	80.97	0.38	0.47	0.86	sand to silty sand	60-70	40-42	19	UNDEFINED
9.15	30	82.18	0.32	0.39	0.89	sand to silty sand	60-70	40-42	20	UNDEFINED
9.45	31	49.40	0.37	0.74	0.91	silty sand to sandy silt	40-50	38-40	16	UNDEFINED
9.75	32	55.28	0.41	0.74	0.93	sand to silty sand	50-60	38-40	13	UNDEFINED
10.05	33	15.38	0.15	0.95	0.96	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
10.35	34	13.40	0.10	0.75	0.98	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
10.65	35	11.92	0.08	0.69	1.00	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
10.95	36	20.80	0.11	0.54	1.03	silty sand to sandy silt	<40	30-32	7	UNDEFINED
11.25	37	67.27	0.39	0.58	1.05	sand to silty sand	50-60	38-40	16	UNDEFINED
11.55	38	53.83	0.43	0.80	1.07	silty sand to sandy silt	40-50	36-38	17	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC
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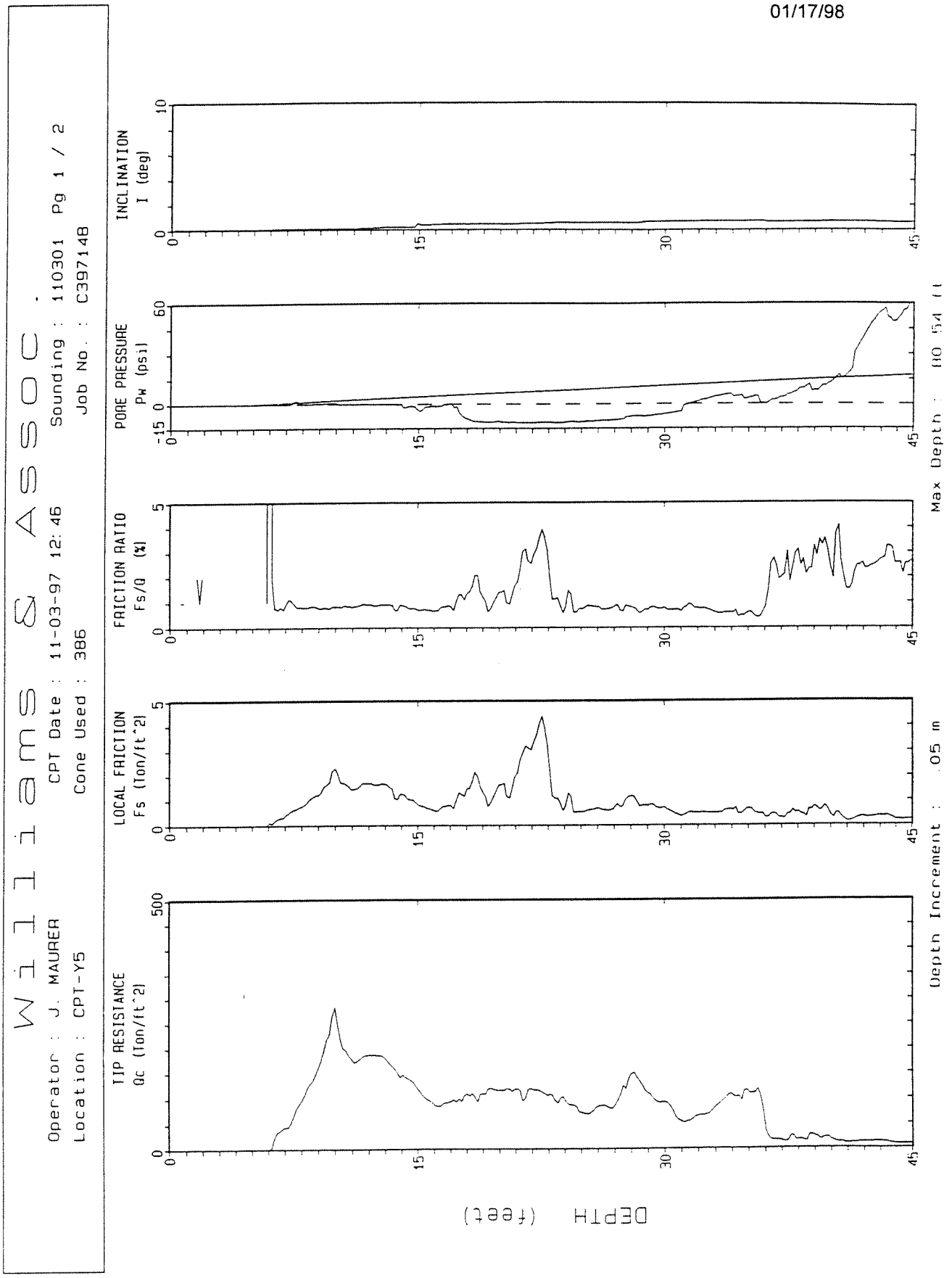
(:rator :J. MAURER Location :CPT-Y2 Page No. 2

DEPTH (:ters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	69.70	0.98	1.41	1.10	silty sand to sandy silt	50-60	38-40	22	UNDEFINED
12.15	40	16.78	0.19	1.15	1.12	sandy silt to clayey silt	UNDFND	UNDFD	6	1.4
12.45	41	13.75	0.13	0.94	1.14	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
12.80	42	13.61	0.26	1.88	1.17	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
13.10	43	14.27	0.20	1.41	1.19	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
13.40	44	16.15	0.23	1.43	1.22	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
13.75	45	16.00	0.29	1.82	1.24	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
14.05	46	14.72	0.24	1.62	1.27	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.35	47	15.38	0.23	1.49	1.29	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
14.65	48	19.70	0.29	1.49	1.32	sandy silt to clayey silt	UNDFND	UNDFD	8	1.7
14.95	49	25.23	0.17	0.66	1.34	silty sand to sandy silt	<40	30-32	8	UNDEFINED
15.25	50	50.62	0.19	0.38	1.36	sand to silty sand	40-50	36-38	12	UNDEFINED
15.55	51	70.83	0.90	1.27	1.39	silty sand to sandy silt	50-60	36-38	23	UNDEFINED
15.85	52	100.65	1.39	1.38	1.41	sand to silty sand	60-70	38-40	24	UNDEFINED
16.15	53	98.88	1.56	1.58	1.43	silty sand to sandy silt	60-70	38-40	32	UNDEFINED
16.45	54	106.42	0.98	0.92	1.46	sand to silty sand	60-70	38-40	25	UNDEFINED
16.75	55	140.55	1.35	0.96	1.48	sand to silty sand	70-80	40-42	34	UNDEFINED
17.05	56	159.90	1.65	1.03	1.50	sand to silty sand	70-80	40-42	38	UNDEFINED
17.35	57	148.22	2.54	1.71	1.53	sand to silty sand	70-80	40-42	35	UNDEFINED
17.65	58	138.37	1.91	1.38	1.55	sand to silty sand	60-70	40-42	33	UNDEFINED
17.95	59	74.05	2.27	3.07	1.57	sandy silt to clayey silt	UNDFND	UNDFD	28	7.0
18.25	60	86.88	2.13	2.45	1.60	sandy silt to clayey silt	UNDFND	UNDFD	33	8.3
18.55	61	95.47	2.08	2.18	1.62	silty sand to sandy silt	50-60	38-40	30	UNDEFINED
18.85	62	92.35	2.00	2.17	1.64	silty sand to sandy silt	50-60	38-40	29	UNDEFINED
19.20	63	111.73	1.38	1.23	1.67	sand to silty sand	60-70	38-40	27	UNDE
19.50	64	110.92	2.11	1.90	1.69	silty sand to sandy silt	60-70	38-40	35	UNDE
19.80	65	82.33	2.05	2.48	1.72	sandy silt to clayey silt	UNDFND	UNDFD	32	7.8
20.15	66	91.44	1.57	1.72	1.74	silty sand to sandy silt	50-60	36-38	29	UNDEFINED
20.45	67	115.67	1.56	1.35	1.77	sand to silty sand	60-70	38-40	28	UNDEFINED
20.75	68	102.72	1.17	1.14	1.79	sand to silty sand	50-60	38-40	25	UNDEFINED
21.05	69	110.38	1.14	1.03	1.81	sand to silty sand	60-70	38-40	26	UNDEFINED
21.35	70	104.55	1.18	1.13	1.84	sand to silty sand	50-60	38-40	25	UNDEFINED
21.65	71	78.00	1.15	1.47	1.86	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
21.95	72	40.28	0.74	1.83	1.88	sandy silt to clayey silt	UNDFND	UNDFD	15	3.6
22.25	73	45.70	1.10	2.42	1.91	sandy silt to clayey silt	UNDFND	UNDFD	18	4.1
22.55	74	41.03	0.62	1.51	1.93	silty sand to sandy silt	<40	32-34	13	UNDEFINED
22.85	75	51.92	0.73	1.40	1.95	silty sand to sandy silt	<40	32-34	17	UNDEFINED
23.15	76	61.58	1.16	1.89	1.98	silty sand to sandy silt	40-50	34-36	20	UNDEFINED
23.45	77	79.08	1.24	1.57	2.00	silty sand to sandy silt	40-50	36-38	25	UNDEFINED
23.75	78	97.87	1.38	1.41	2.03	sand to silty sand	50-60	36-38	23	UNDEFINED
24.05	79	65.60	1.10	1.67	2.05	silty sand to sandy silt	40-50	34-36	21	UNDEFINED
24.35	80	54.05	1.30	2.40	2.07	sandy silt to clayey silt	UNDFND	UNDFD	21	4.9

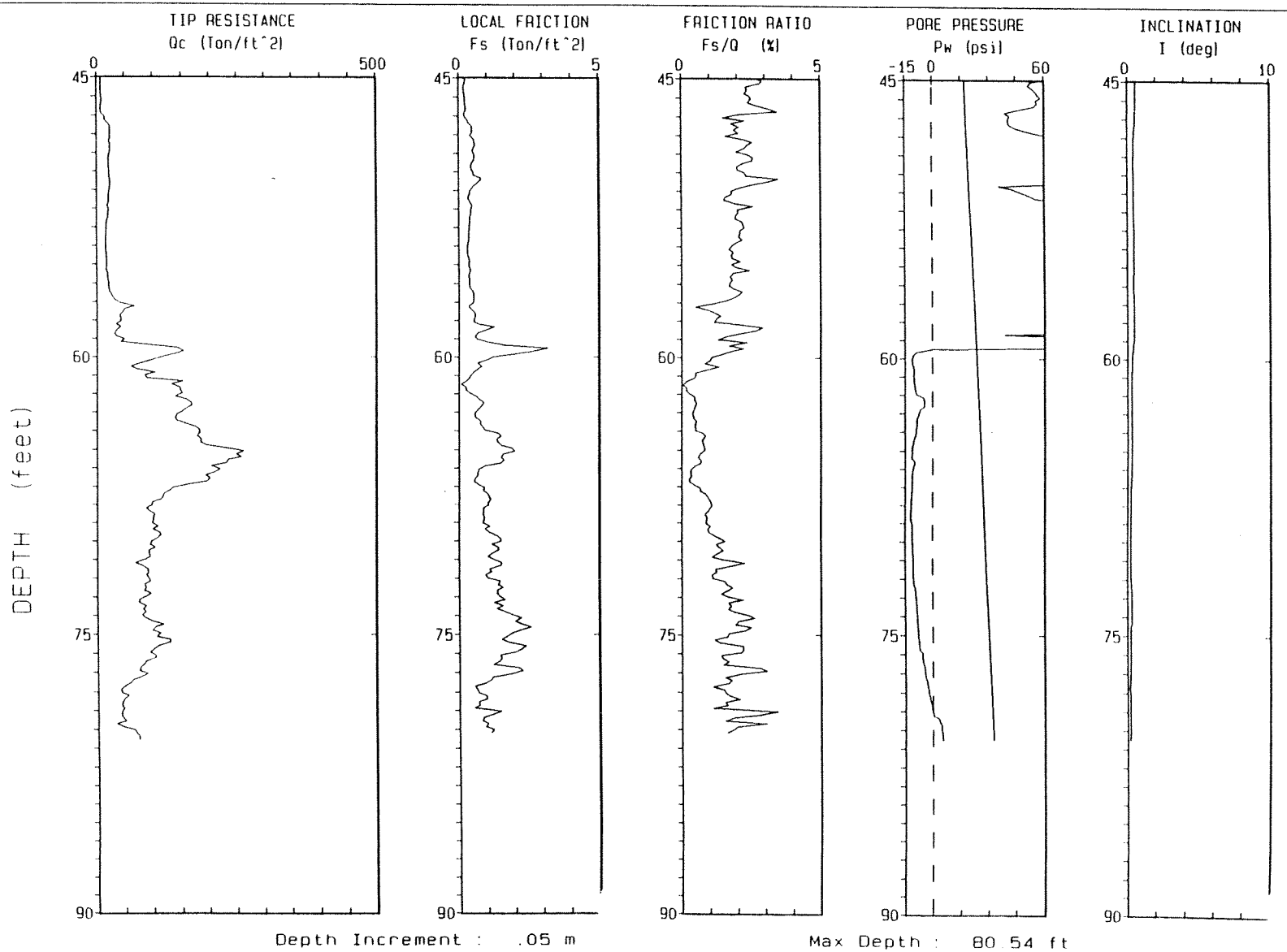
Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****


Williams & Assoc.
Operator : J. MAURER
Location : CPT-Y5
CPT Date : 11-03-97 12:46
Cone Used : 386
Sounding : 110301 Pg 1 / 2
Job No. : C397148
TIP RESISTANCE
Qc (Ton/ft^2)
LOCAL FRICTION
Fs (Ton/ft^2)
FRICTION RATIO
Fs/Q (%)
PORE PRESSURE
Pw (psi)
INCLINATION
I (deg)
DEPTH (feet)
Depth Increment : .05 m
Max Depth : 80.54 f

Williams & Assoc.

Operator : J. MAURER
CPT Date : 11-03-97 12:46
Sounding : 110301 Pg 2 / 2
Location : CPT-Y5
Cone Used : 386
Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC
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Operator :J. MAURER
Location :CPT-Y5
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-03-97 12:46
Cone Used :386
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.12	0.00	0.43	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.10	0.00	0.67	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.13	0.00	0.00	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.10	0.00	0.17	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	0.12	0.00	0.14	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	0.12	0.02	16.14	0.31	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.15	7	30.65	0.25	0.81	0.34	silty sand to sandy silt	40-50	40-42	10	UNDEFINED
2.45	8	72.47	0.65	0.89	0.36	sand to silty sand	70-80	44-46	17	UNDEFINED
2.75	9	133.53	1.08	0.81	0.39	sand to silty sand	80-90	46-48	32	UNDEFINED
3.05	10	227.23	1.80	0.79	0.41	sand	>90	>48	44	UNDEFINED
3.35	11	204.68	1.70	0.83	0.43	sand	>90	46-48	39	UNDEFINED
3.65	12	179.92	1.60	0.89	0.46	sand	>90	46-48	34	UNDEFINED
3.95	13	185.55	1.66	0.90	0.48	sand	>90	46-48	36	UNDEFINED
4.25	14	160.67	1.34	0.83	0.50	sand	>90	44-46	31	UNDEFINED
4.55	15	136.80	1.07	0.78	0.53	sand	80-90	44-46	26	UNDEFINED
4.85	16	103.03	0.71	0.69	0.55	sand to silty sand	70-80	42-44	25	UNDEFINED
5.15	17	88.73	0.69	0.77	0.57	sand to silty sand	70-80	42-44	21	UNDEFINED
5.45	18	97.95	1.02	1.04	0.60	sand to silty sand	70-80	42-44	23	UNDEFINED
5.75	19	105.48	1.73	1.64	0.62	silty sand to sandy silt	70-80	42-44	34	UNDEFINED
6.05	20	115.63	1.12	0.97	0.64	sand to silty sand	70-80	42-44	28	UNDEFINED
6.40	21	116.89	1.52	1.30	0.67	sand to silty sand	70-80	42-44	28	UNDEFINED
6.70	22	111.58	2.84	2.55	0.70	silty sand to sandy silt	70-80	42-44	36	UNDEFINED
7.00	23	112.57	3.78	3.36	0.72	sandy silt to clayey silt	UNDFND	UNDFD	43	11.1
7.35	24	100.26	1.10	1.09	0.74	sand to silty sand	70-80	42-44	24	UNDEFINED
7.65	25	81.77	0.76	0.93	0.77	sand to silty sand	60-70	40-42	20	UNDEFINED
7.95	26	75.80	0.62	0.82	0.79	sand to silty sand	60-70	40-42	18	UNDEFINED
8.25	27	83.88	0.64	0.76	0.82	sand to silty sand	60-70	40-42	20	UNDEFINED
8.55	28	122.40	0.95	0.78	0.84	sand to silty sand	70-80	42-44	29	UNDEFINED
8.85	29	128.83	0.87	0.67	0.86	sand	70-80	42-44	25	UNDEFINED
9.15	30	95.53	0.74	0.77	0.89	sand to silty sand	60-70	40-42	23	UNDEFINED
9.45	31	70.83	0.49	0.69	0.91	sand to silty sand	50-60	38-40	17	UNDEFINED
9.75	32	57.77	0.47	0.81	0.93	sand to silty sand	50-60	38-40	14	UNDEFINED
10.05	33	70.80	0.49	0.70	0.96	sand to silty sand	50-60	38-40	17	UNDEFINED
10.35	34	96.75	0.55	0.57	0.98	sand to silty sand	60-70	40-42	23	UNDEFINED
10.65	35	105.40	0.57	0.54	1.00	sand to silty sand	60-70	40-42	25	UNDEFINED
10.95	36	103.92	0.52	0.51	1.03	sand to silty sand	60-70	40-42	25	UNDEFINED
11.25	37	20.12	0.36	1.80	1.05	sandy silt to clayey silt	UNDFND	UNDFD	8	1.8
11.55	38	17.73	0.42	2.36	1.07	clayey silt to silty clay	UNDFND	UNDFD	8	1.5

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** ' Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	19.70	0.49	2.48	1.10	clayey silt to silty clay	UNDFND	UNDFD	9	1.7
12.15	40	20.85	0.68	3.25	1.12	clayey silt to silty clay	UNDFND	UNDFD	10	1.8
12.45	41	12.78	0.36	2.81	1.14	silty clay to clay	UNDFND	UNDFD	8	1.0
12.80	42	10.67	0.22	2.09	1.17	clayey silt to silty clay	UNDFND	UNDFD	5	.8
13.10	43	12.50	0.31	2.47	1.19	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
13.40	44	10.47	0.31	2.94	1.22	silty clay to clay	UNDFND	UNDFD	7	.8
13.75	45	7.96	0.20	2.55	1.24	silty clay to clay	UNDFND	UNDFD	5	.5
14.05	46	8.00	0.20	2.45	1.27	silty clay to clay	UNDFND	UNDFD	5	.5
14.35	47	9.18	0.22	2.40	1.29	silty clay to clay	UNDFND	UNDFD	6	.6
14.65	48	21.45	0.41	1.92	1.32	sandy silt to clayey silt	UNDFND	UNDFD	8	1.8
14.95	49	23.40	0.53	2.28	1.34	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
15.25	50	21.67	0.49	2.26	1.36	clayey silt to silty clay	UNDFND	UNDFD	10	1.8
15.55	51	23.12	0.59	2.56	1.39	clayey silt to silty clay	UNDFND	UNDFD	11	2.0
15.85	52	20.92	0.39	1.88	1.41	sandy silt to clayey silt	UNDFND	UNDFD	8	1.8
16.15	53	18.92	0.39	2.07	1.43	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
16.45	54	16.87	0.34	2.02	1.46	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
16.75	55	17.58	0.32	1.85	1.48	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
17.05	56	19.28	0.37	1.91	1.50	sandy silt to clayey silt	UNDFND	UNDFD	7	1.6
17.35	57	25.28	0.47	1.87	1.53	sandy silt to clayey silt	UNDFND	UNDFD	10	2.2
17.65	58	48.63	0.49	1.01	1.55	silty sand to sandy silt	<40	34-36	16	UNDEFINED
17.95	59	37.35	0.78	2.09	1.57	sandy silt to clayey silt	UNDFND	UNDFD	14	3.4
18.25	60	105.07	1.87	1.78	1.60	silty sand to sandy silt	60-70	38-40	34	UNDEFINED
18.55	61	88.97	0.81	0.91	1.62	sand to silty sand	50-60	38-40	21	UNDEFINED
18.85	62	126.40	0.26	0.21	1.64	sand	60-70	38-40	24	UNDEFINED
19.20	63	157.49	0.68	0.43	1.67	sand	70-80	40-42	30	UNDEFI'
19.50	64	157.47	0.73	0.47	1.69	sand	70-80	40-42	30	UNDEFI.
19.80	65	192.93	1.51	0.78	1.72	sand	70-80	40-42	37	UNDEFINED
20.15	66	238.13	1.40	0.59	1.74	sand	80-90	42-44	46	UNDEFINED
20.45	67	184.13	0.67	0.36	1.77	sand	70-80	40-42	35	UNDEFINED
20.75	68	113.00	1.02	0.90	1.79	sand to silty sand	60-70	38-40	27	UNDEFINED
21.05	69	97.70	0.87	0.89	1.81	sand to silty sand	50-60	38-40	23	UNDEFINED
21.35	70	106.38	1.23	1.16	1.84	sand to silty sand	50-60	38-40	25	UNDEFINED
21.65	71	94.40	1.24	1.31	1.86	sand to silty sand	50-60	36-38	23	UNDEFINED
21.95	72	85.43	1.20	1.41	1.88	silty sand to sandy silt	50-60	36-38	27	UNDEFINED
22.25	73	89.47	1.43	1.60	1.91	silty sand to sandy silt	50-60	36-38	29	UNDEFINED
22.55	74	81.32	1.56	1.92	1.93	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
22.85	75	103.13	2.20	2.13	1.95	silty sand to sandy silt	50-60	36-38	33	UNDEFINED
23.15	76	111.83	1.94	1.73	1.98	silty sand to sandy silt	60-70	38-40	36	UNDEFINED
23.45	77	87.85	1.67	1.90	2.00	silty sand to sandy silt	50-60	36-38	28	UNDEFINED
23.75	78	62.68	1.05	1.67	2.03	silty sand to sandy silt	40-50	34-36	20	UNDEFINED
24.05	79	46.70	0.75	1.61	2.05	silty sand to sandy silt	<40	32-34	15	UNDEFINED
24.35	80	43.65	1.05	2.40	2.07	sandy silt to clayey silt	UNDFND	UNDFD	17	3.9

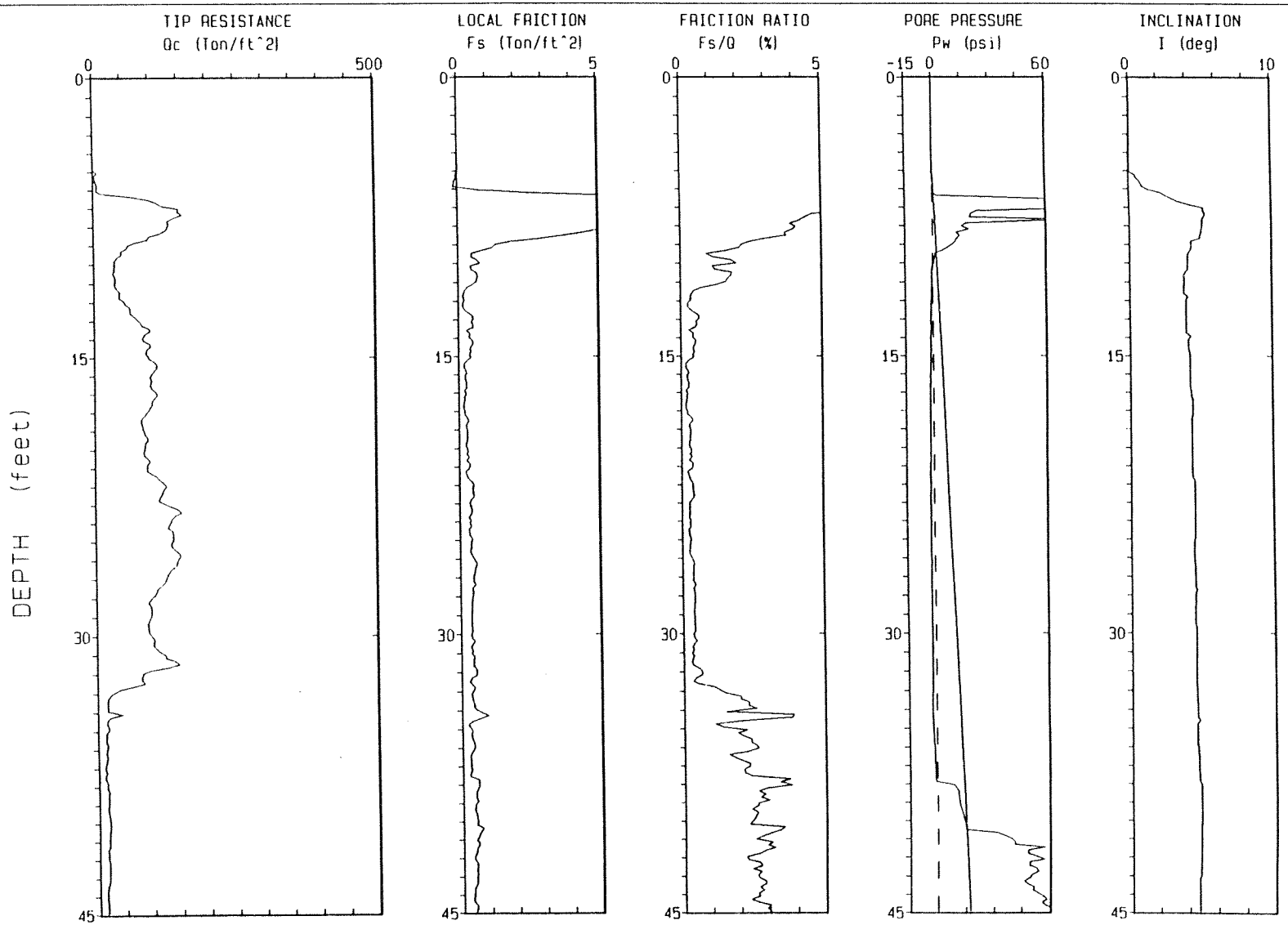
Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER | CPT Date : 11-04-97 08:17 | Sounding : 110401 Pg 1 / 2

Location : CPT -Y6 | Cone Used : 386 | Job No. : C397148



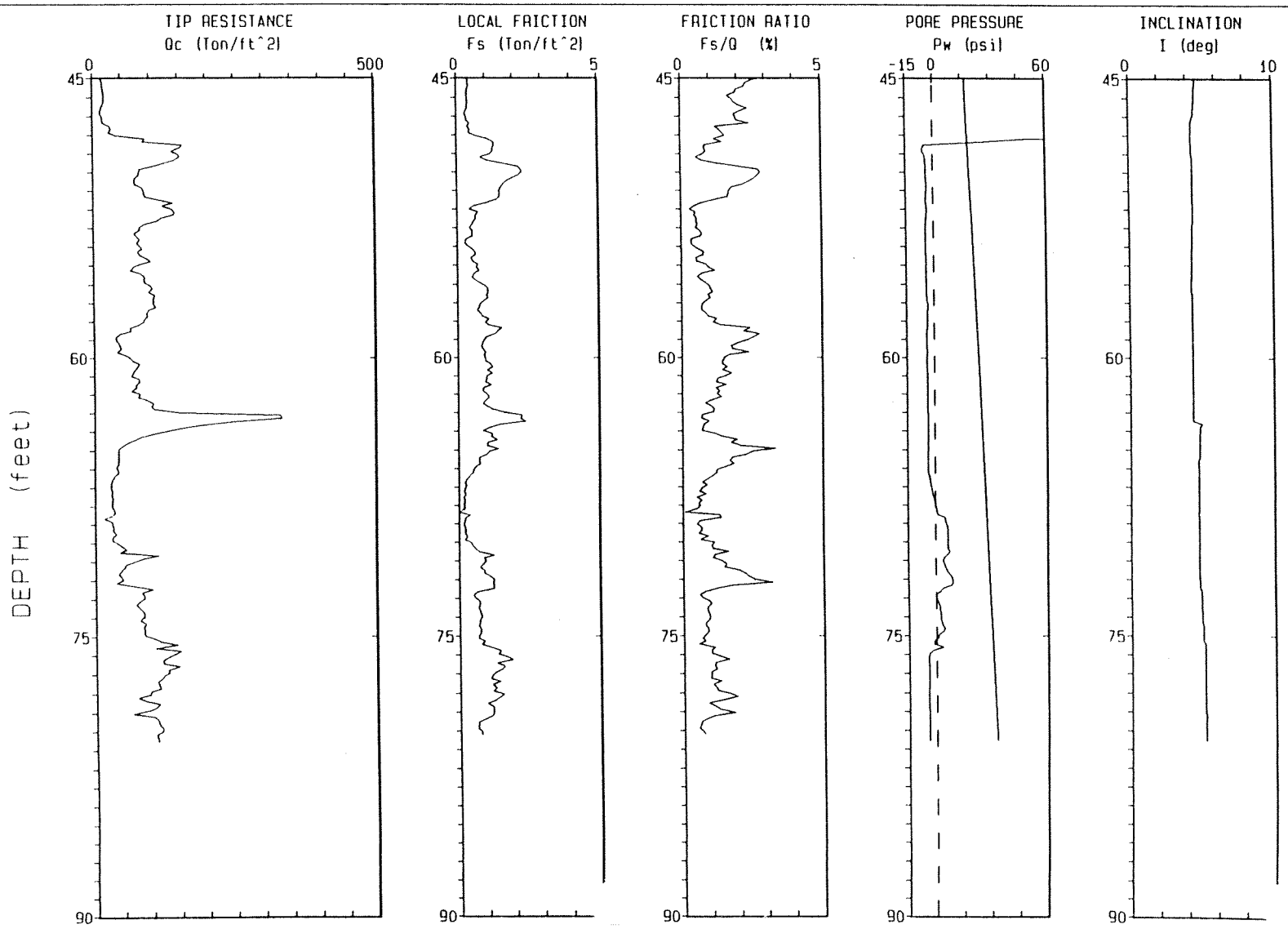
Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER | CPT Date : 11-04-97 08:17 | Sounding : 110401 Pg 2 / 2

Location : CPT -Y6 | Cone Used : 386 | Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

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Operator :J. MAURER
Location :CPT -Y6
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-04-97 08:17
Cone Used :386
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.05	-0.00	-0.33	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.08	-0.00	-1.00	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.06	-0.00	-0.75	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.07	-0.00	-1.00	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	1.22	0.00	0.14	0.25	sensitive fine grained	UNDFND	UNDFD	1	9.6
1.85	6	4.83	0.03	0.68	0.31	sensitive fine grained	UNDFND	UNDFD	2	.4
2.15	7	94.32	7.02	7.44	0.34	very stiff fine grained (*)	UNDFND	UNDFD	>50	UNDEFINED
2.45	8	141.93	6.46	4.55	0.36	very stiff fine grained (*)	UNDFND	UNDFD	>50	UNDEFINED
2.75	9	96.68	3.24	3.35	0.39	sandy silt to clayey silt	UNDFND	UNDFD	37	9.6
3.05	10	45.25	0.73	1.60	0.41	silty sand to sandy silt	50-60	40-42	14	UNDEFINED
3.35	11	37.13	0.57	1.55	0.43	sandy silt to clayey silt	UNDFND	UNDFD	14	3.6
3.65	12	45.03	0.25	0.56	0.46	silty sand to sandy silt	50-60	40-42	14	UNDEFINED
3.95	13	67.07	0.30	0.45	0.48	sand to silty sand	60-70	42-44	16	UNDEFINED
4.25	14	91.33	0.41	0.45	0.50	sand to silty sand	70-80	42-44	22	UNDEFINED
4.55	15	95.28	0.44	0.46	0.53	sand to silty sand	70-80	42-44	23	UNDEFINED
4.85	16	106.52	0.26	0.25	0.55	sand	70-80	42-44	20	UNDEFINED
5.15	17	102.75	0.23	0.23	0.57	sand	70-80	42-44	20	UNDEFINED
5.45	18	103.98	0.19	0.18	0.60	sand	70-80	42-44	20	UNDEFINED
5.75	19	86.78	0.25	0.29	0.62	sand to silty sand	60-70	42-44	21	UNDEFINED
6.05	20	91.43	0.27	0.30	0.64	sand	70-80	42-44	18	UNDEFINED
6.40	21	92.50	0.31	0.33	0.67	sand	70-80	42-44	18	UNDEFINED
6.70	22	111.67	0.33	0.29	0.70	sand	70-80	42-44	21	UNDEFINED
7.00	23	119.62	0.44	0.37	0.72	sand	70-80	42-44	23	UNDEFINED
7.35	24	140.71	0.38	0.27	0.74	sand	80-90	42-44	27	UNDEFINED
7.65	25	136.42	0.37	0.27	0.77	sand	70-80	42-44	26	UNDEFINED
7.95	26	144.92	0.41	0.28	0.79	sand	80-90	42-44	28	UNDEFINED
8.25	27	132.60	0.51	0.38	0.82	sand	70-80	42-44	25	UNDEFINED
8.55	28	109.40	0.45	0.41	0.84	sand	70-80	42-44	21	UNDEFINED
8.85	29	97.42	0.38	0.39	0.86	sand	60-70	40-42	19	UNDEFINED
9.15	30	94.28	0.37	0.39	0.89	sand to silty sand	60-70	40-42	23	UNDEFINED
9.45	31	108.47	0.39	0.36	0.91	sand	70-80	40-42	21	UNDEFINED
9.75	32	119.20	0.46	0.38	0.93	sand	70-80	42-44	23	UNDEFINED
10.05	33	64.30	0.39	0.61	0.96	sand to silty sand	50-60	38-40	15	UNDEFINED
10.35	34	18.78	0.39	2.10	0.98	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
10.65	35	23.38	0.51	2.19	1.00	sandy silt to clayey silt	UNDFND	UNDFD	9	2.1
10.95	36	15.87	0.36	2.28	1.03	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
11.25	37	14.65	0.31	2.10	1.05	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
11.55	38	13.53	0.37	2.73	1.07	clayey silt to silty clay	UNDFND	UNDFD	6	1.1

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

(*) overconsolidated or cemented

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

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C :rator :J. MAURER Location :CPT -Y6 Page No. 2

DEPTH (:ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	S. tsf
11.85	39	16.72	0.50	2.97	1.10	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
12.15	40	17.20	0.43	2.52	1.12	clayey silt to silty clay	UNDFND	UNDFD	8	1.5
12.45	41	19.13	0.55	2.88	1.14	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
12.80	42	16.60	0.46	2.76	1.17	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
13.10	43	17.98	0.46	2.55	1.19	clayey silt to silty clay	UNDFND	UNDFD	9	1.5
13.40	44	14.95	0.41	2.73	1.22	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.75	45	14.44	0.39	2.72	1.24	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
14.05	46	19.52	0.39	1.99	1.27	sandy silt to clayey silt	UNDFND	UNDFD	7	1.7
14.35	47	16.75	0.34	2.05	1.29	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
14.65	48	28.27	0.45	1.60	1.32	sandy silt to clayey silt	UNDFND	UNDFD	11	2.5
14.95	49	130.78	1.25	0.95	1.34	sand to silty sand	70-80	40-42	31	UNDEFINED
15.25	50	115.77	1.72	1.49	1.36	sand to silty sand	60-70	40-42	28	UNDEFINED
15.55	51	79.53	1.77	2.22	1.39	silty sand to sandy silt	50-60	38-40	25	UNDEFINED
15.85	52	116.63	1.08	0.93	1.41	sand to silty sand	60-70	40-42	28	UNDEFINED
16.15	53	115.23	0.59	0.52	1.43	sand	60-70	40-42	22	UNDEFINED
16.45	54	79.00	0.41	0.52	1.46	sand to silty sand	50-60	38-40	19	UNDEFINED
16.75	55	87.85	0.59	0.67	1.48	sand to silty sand	50-60	38-40	21	UNDEFINED
17.05	56	81.45	0.65	0.80	1.50	sand to silty sand	50-60	38-40	20	UNDEFINED
17.35	57	103.88	1.02	0.99	1.53	sand to silty sand	60-70	38-40	25	UNDEFINED
17.65	58	98.48	0.83	0.85	1.55	sand to silty sand	50-60	38-40	24	UNDEFINED
17.95	59	63.65	1.22	1.92	1.57	silty sand to sandy silt	40-50	36-38	20	UNDEFINED
18.25	60	45.72	0.90	1.96	1.60	sandy silt to clayey silt	UNDFND	UNDFD	18	4.2
18.55	61	71.58	1.09	1.52	1.62	silty sand to sandy silt	50-60	36-38	23	UNDEFINED
18.85	62	73.23	0.98	1.34	1.64	silty sand to sandy silt	50-60	36-38	23	UNDEFINED
19.20	63	101.96	1.11	1.09	1.67	sand to silty sand	50-60	38-40	24	UNDEFI
19.50	64	233.60	1.74	0.74	1.69	sand	80-90	42-44	45	UNDEFI
19.80	65	68.88	1.20	1.74	1.72	silty sand to sandy silt	40-50	36-38	22	UNDEFINED
20.15	66	41.91	0.77	1.83	1.74	sandy silt to clayey silt	UNDFND	UNDFD	16	3.8
20.45	67	32.12	0.29	0.92	1.77	silty sand to sandy silt	<40	30-32	10	UNDEFINED
20.75	68	30.82	0.19	0.61	1.79	silty sand to sandy silt	<40	30-32	10	UNDEFINED
21.05	69	29.63	0.19	0.64	1.81	silty sand to sandy silt	<40	30-32	9	UNDEFINED
21.35	70	34.18	0.26	0.75	1.84	silty sand to sandy silt	<40	30-32	11	UNDEFINED
21.65	71	69.27	0.81	1.17	1.86	silty sand to sandy silt	40-50	36-38	22	UNDEFINED
21.95	72	47.82	0.95	1.98	1.88	sandy silt to clayey silt	UNDFND	UNDFD	18	4.3
22.25	73	77.38	0.89	1.15	1.91	sand to silty sand	50-60	36-38	19	UNDEFINED
22.55	74	80.63	0.72	0.90	1.93	sand to silty sand	50-60	36-38	19	UNDEFINED
22.85	75	85.62	0.71	0.83	1.95	sand to silty sand	50-60	36-38	21	UNDEFINED
23.15	76	127.18	1.05	0.83	1.98	sand to silty sand	60-70	38-40	30	UNDEFINED
23.45	77	128.68	1.53	1.19	2.00	sand to silty sand	60-70	38-40	31	UNDEFINED
23.75	78	111.08	1.21	1.09	2.03	sand to silty sand	50-60	38-40	27	UNDEFINED
24.05	79	95.30	1.25	1.31	2.05	sand to silty sand	50-60	36-38	23	UNDEFINED
24.35	80	102.98	0.84	0.81	2.07	sand to silty sand	50-60	36-38	25	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

CPTINTR1 version 3.04

written by JAMES GREIG

CPTINTR1 is a highly interactive program to provide basic interpretation of CONE PENETRATION TEST (CPT) data. It was written at the University of British Columbia, Vancouver Canada and is compatible with the data format of the Hogentogler & Co. Field Computer Systems. The interpretation methods used provide an estimate of the following soil parameters (appropriate references are given below):

1) Soil Behaviour Type: - Robertson and Campanella 1983

2) Equivalent Relative Density :
   - I) Ticino Sand - Bellotti et al. 1985
   - ii) Hokksund Sand - Bellotti et al. 1985
   - iii) Ottawa / Hilton Mines Sands - Schmertmann 1976
   - iv) All Sands (average) - Jamiolkowski et al. 1985

3) Angle of Internal Friction
   - I) Robertson and Campanella 1983
   - ii) Durgunoglu and Mitchell 1975
   - iii) Janbu and Senneset 1974 - Beta= +15, 0, and -15 degrees

4) Equivalent SPT N value - Robertson et al. 1983

5) Corrected SPT N_1 value - $N_1=C_n*N$ (where $C_n=\sigma^{-.7}$ and σ is in Kg/cm^2)

6) Cyclic Stress Ratio (CSR) to cause liquefaction (M = 7.5) - Seed et al. (1983)

7) Undrained Shear Strength (S_u) - $S_u=(Q_c-\sigma_V)/N_k$ where σ_V is the total overburden stress

TABULATED DATA is based on values averaged over a specified depth range and thus the influence of extreme values may be subdued. The ENGINEER should be using the tabulated output ONLY AS A GUIDE for the interpretation of the PLOTTED CPT DATA. It is important that the engineer fully understand the limitations of the CPT test.

IMPORTANT NOTE

It is believed that the calculations performed by the routine are done correctly and reliably. However, no responsibility is assumed by either the University of British Columbia or the author for any errors that may occur with the use of this program. It is also left up to the engineer to decide which, if any, of the correlation techniques are applicable to the specific soil conditions.

REFERENCES

1) Bellotti, R., Crippa, V., Pedroni, S., Baldi, G., Fretti, C., Ostricati, D., Ghionna, V., Jamiolkowski, M., Pasqalini, E.,1985, "Laboratory Validation Of In-Situ Tests", Italian Geotechnical Society Jubilee Volume for the XI ICSMFE, San Francisco, Cal.

2) Durgunoglu, H.T. and Mitchell, J.K., 1975, "Static Penetration Resistance of Soils: I-Analysis", Proceedings of the ASCE Specialty Conference on In-Situ Measurement of Soil Properties, Raleigh, North Carolina, Vol. I.

3) Janbu, N. and Senneset, K., 1974,. "Effective Stress Interpretation of In Situ Static Penetratuion Tests", Proceedings of the European Symposium on Penetration Testing, Stockholm Sweden, Vol. 2.2.

4) Jamiolkowski, M., Ladd, C.C., Germaine, J.T., Lancellotta, R., 1985,"New Developments in Field and Laboratory Testing of Soils", State of the Art Adress for XIth ICSMFE, San Francisco.

5) Robertson, P.K. and Campanella, R.G., 1983, "Interpretation of Cone Penetration Tests - PART I (SAND)", Canadian Geotechnical Journal, Vol. 20, No. 4.

6) Robertson, P.K., Campanella, R.G., and Wightman, A., 1983, "SPT - CPT Correlations", Journal of the Geotechnical Division, ASCE, Vol. 109, Nov.

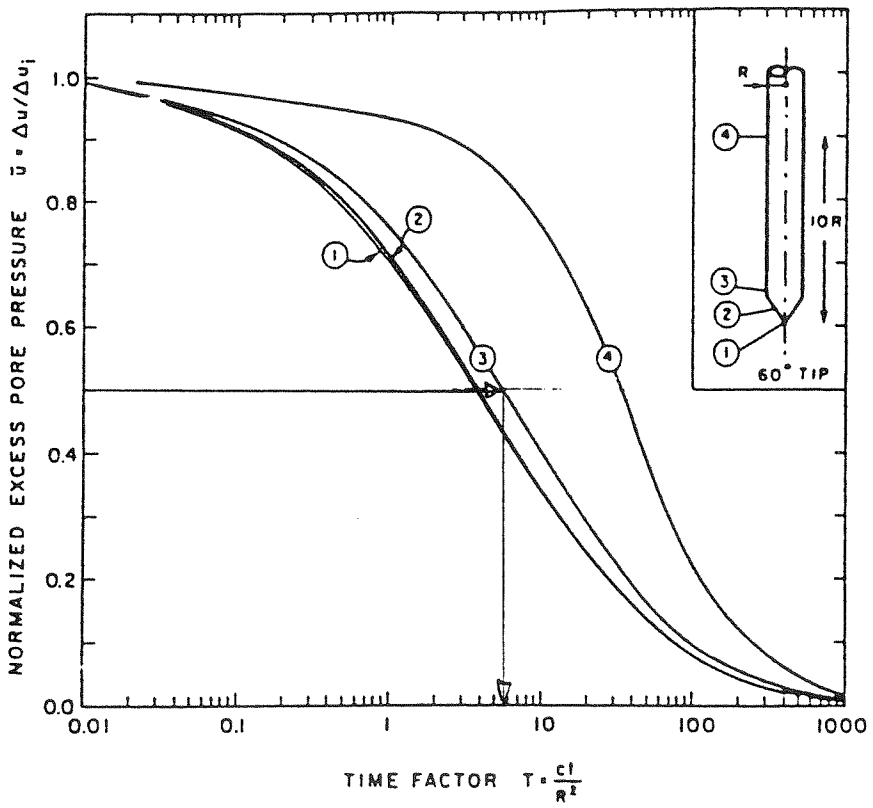
7) Schmertmann, J.H., 1976, "An updated Correlation between Relative Density, Dr and Fugro-type Electric Cone Bearing, q_c" Department of Civil Engineering Report, University of Florida, July.

8) Seed, H.B., Idriss, I.M. and Arango, I., 1983, "Evaluation of Liquefaction Potential Using Field Performance Data", Journal of Geotechnical Engineering Division, ASCE, Vol. 109, No. 3, March 1983, pp. 458-482.

Coefficient of Consolidation from Piezocone Dissipation Tests

$$C_h = \frac{T_{50}}{t_{50}} * R^2$$

C_h = Horizontal Coefficient of Consolidation
T_{50} = Time Factor from Graph Below = 5.6
(Levadoux and Baligh, ASCE, July 1986)
T_{50} = time to 50% Consolidation
R = Radius of Cone = $(1.785)^2$



Dissipation Curves for 60° Cone According to Linear Isotropic Uncoupled Solutions

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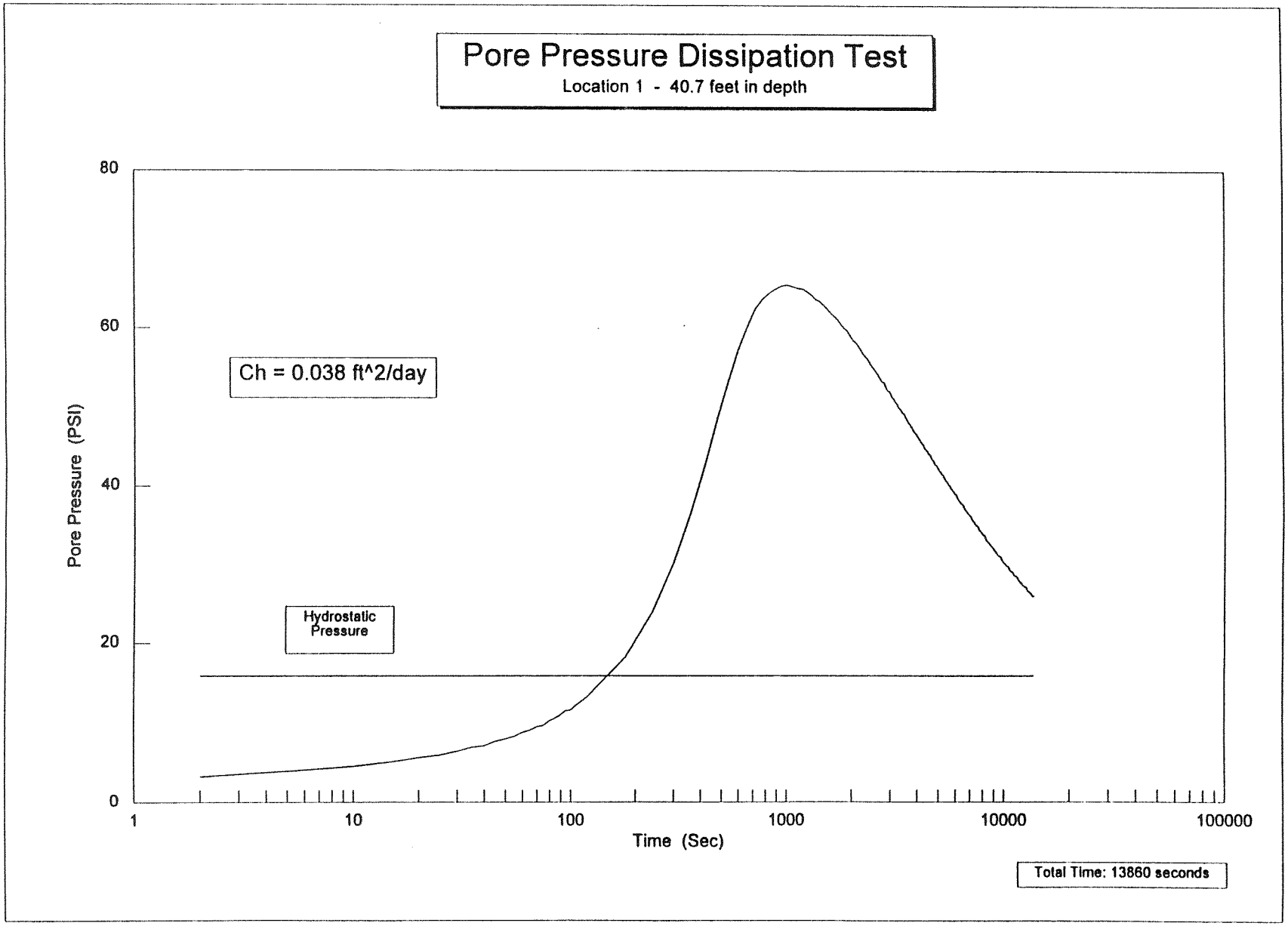
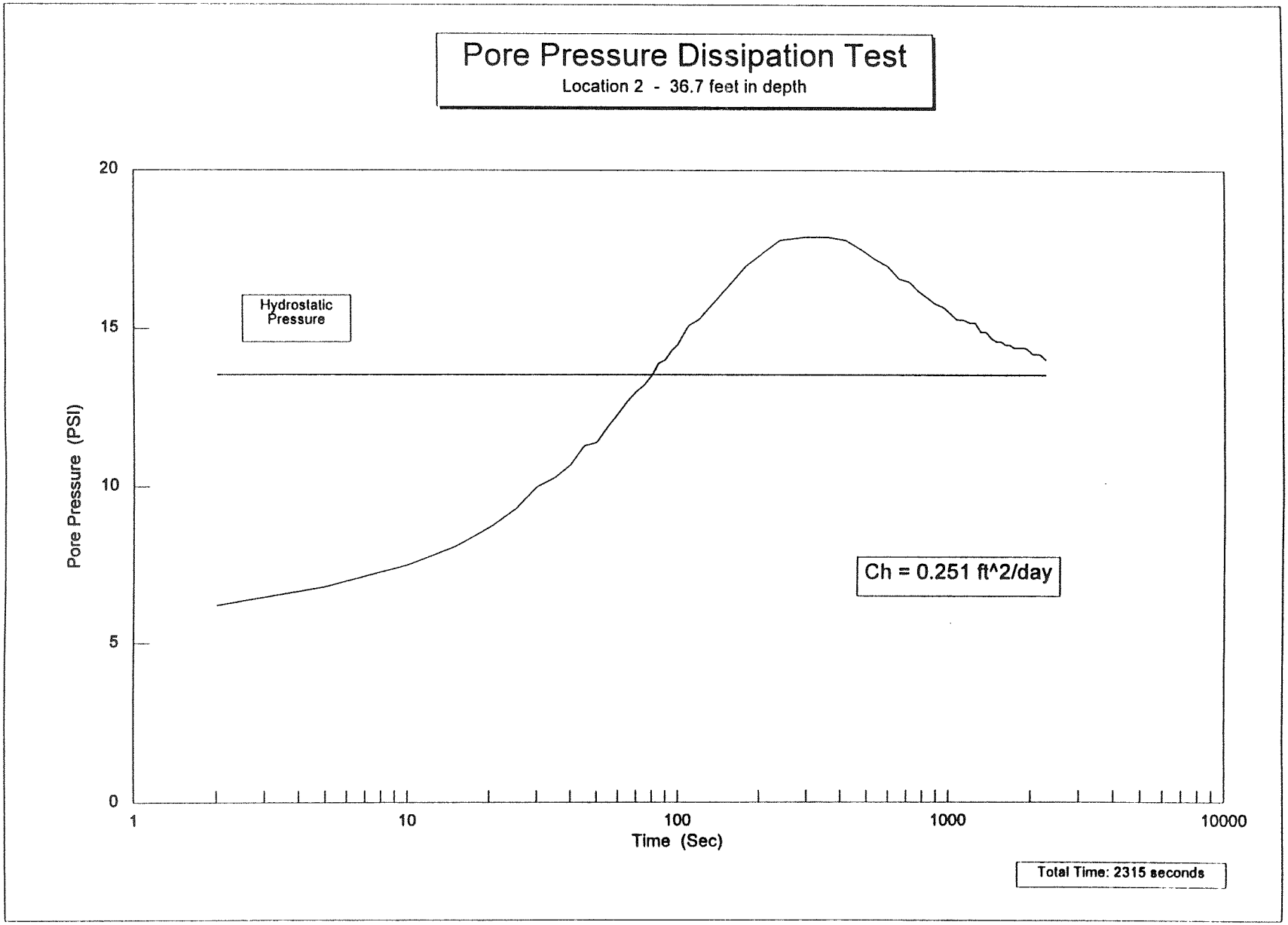
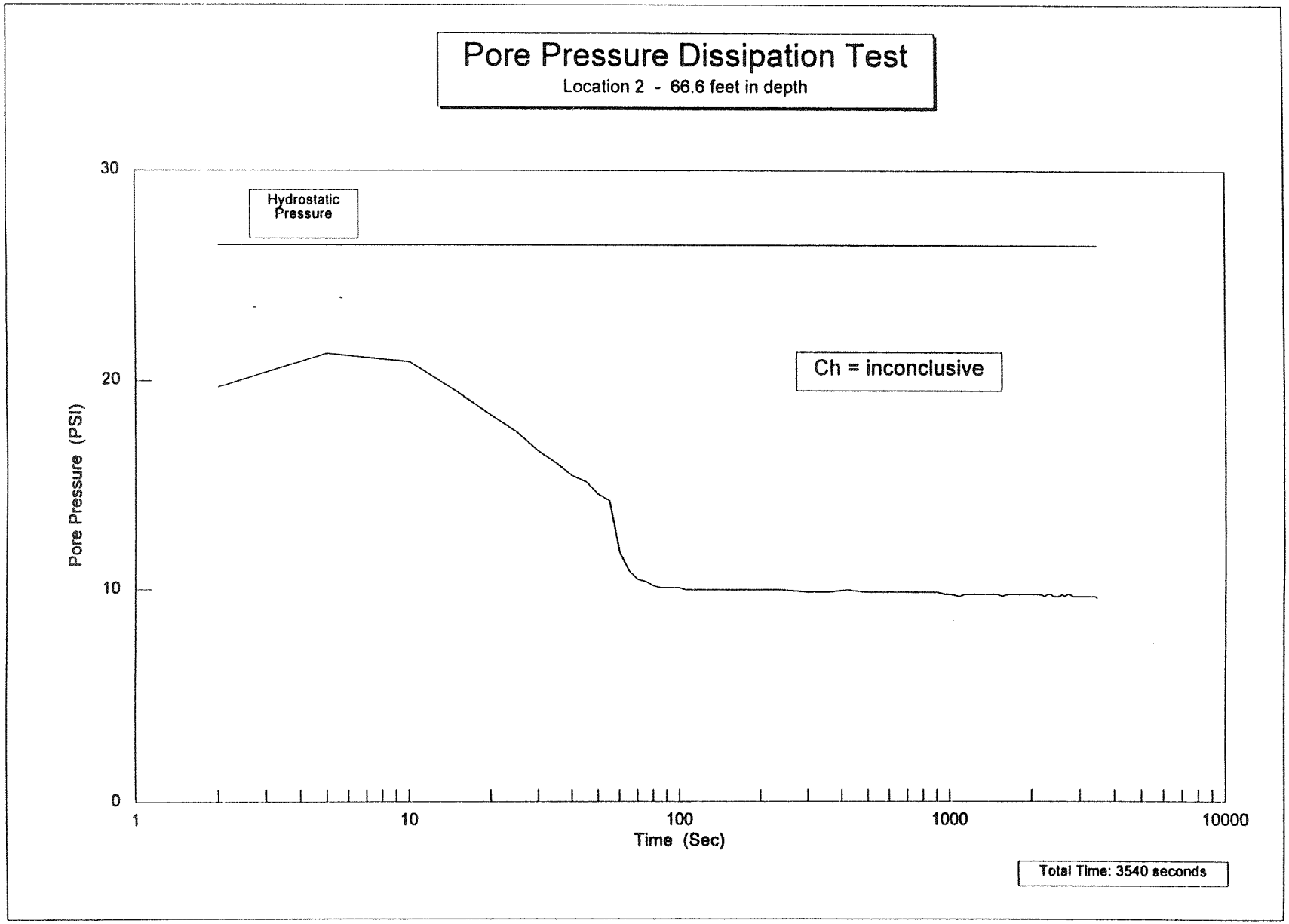
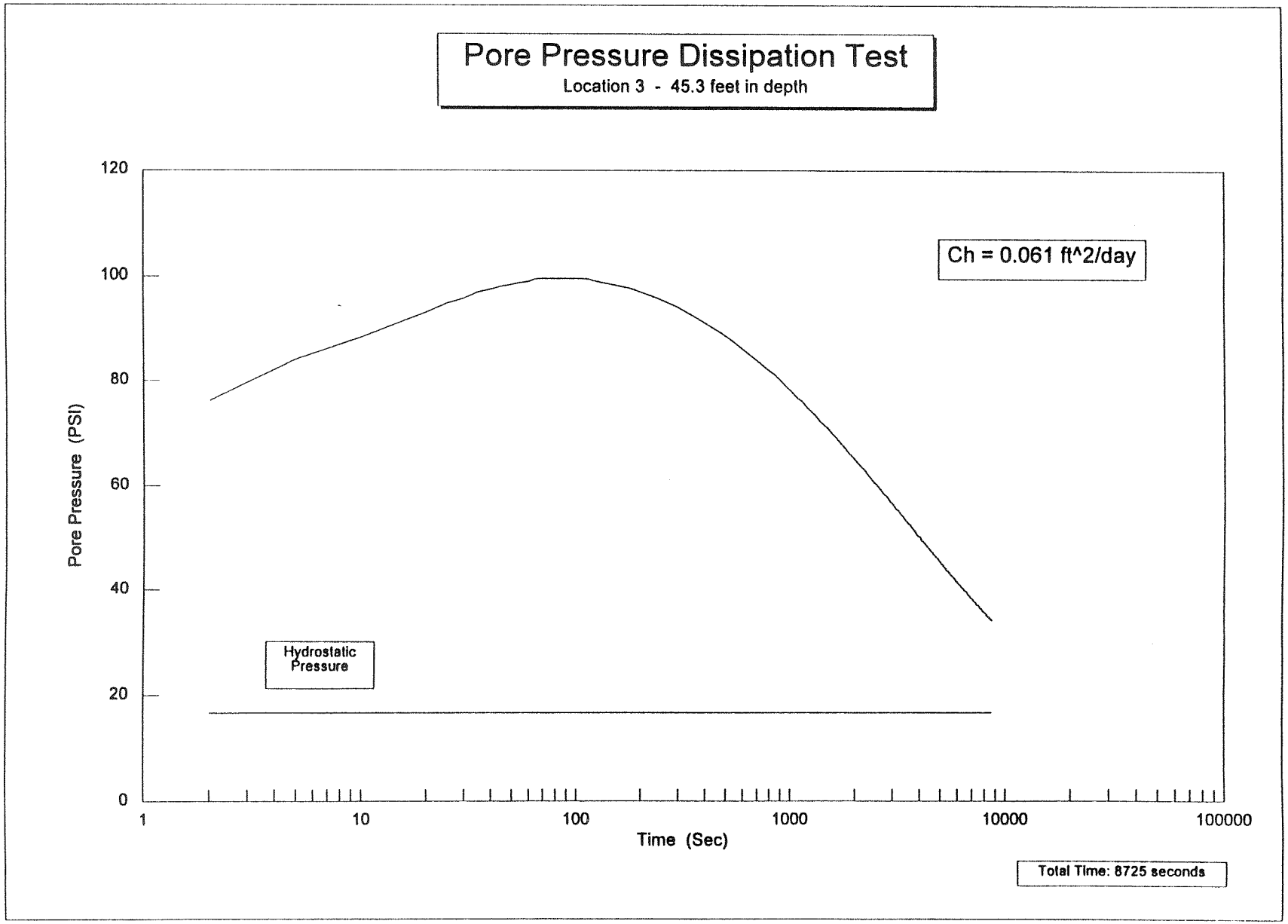
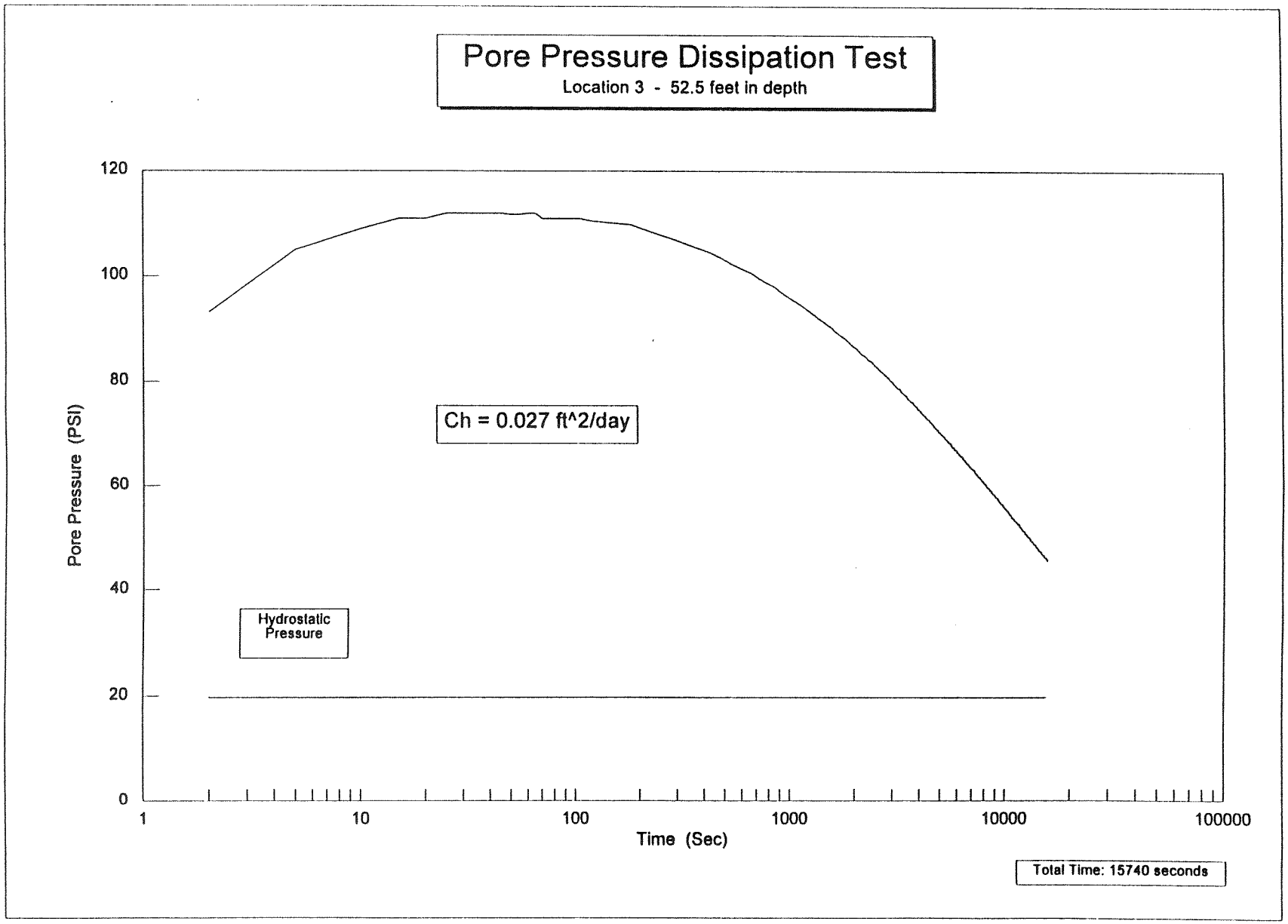
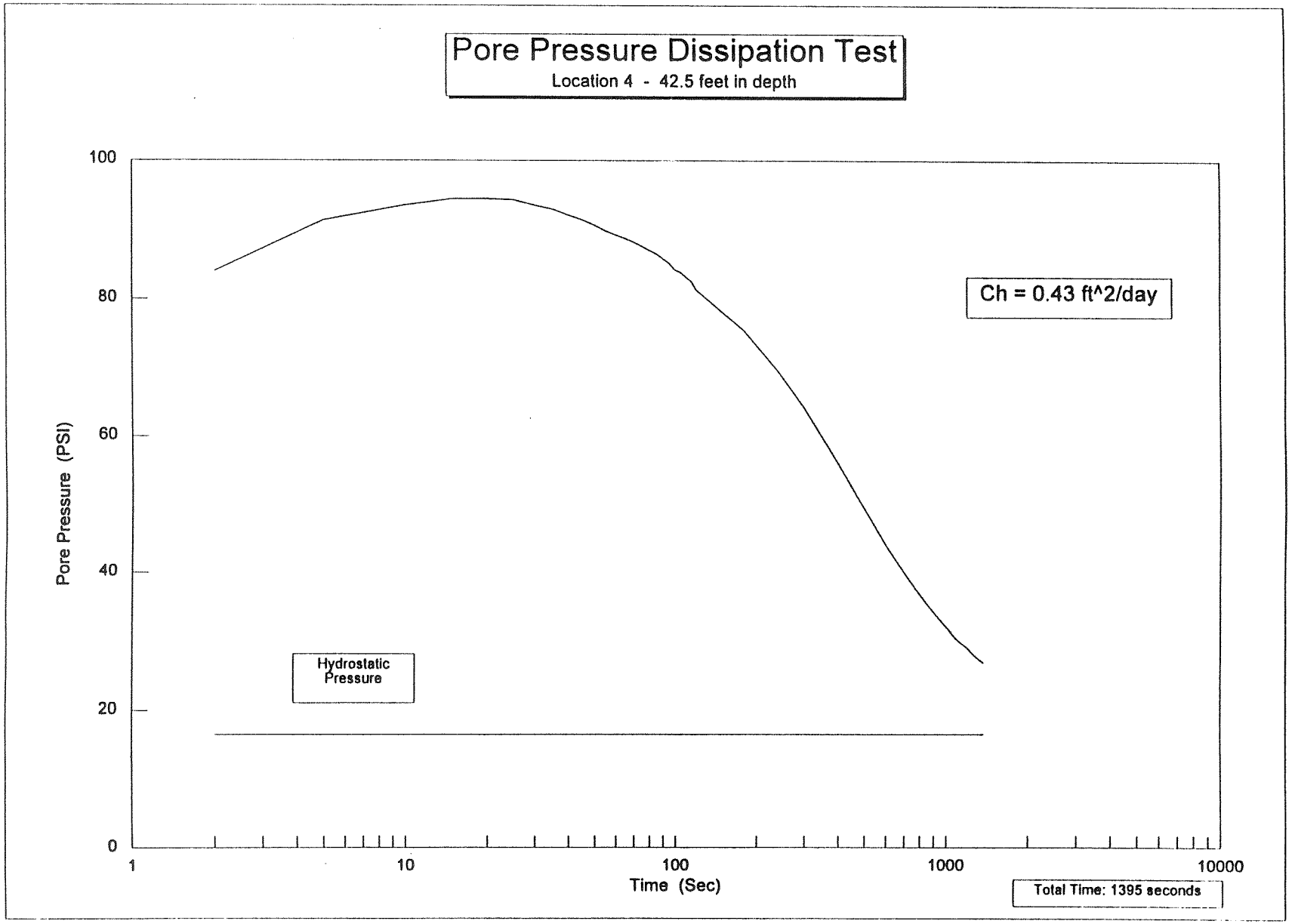

Pore Pressure Dissipation Test
Location 1 - 40.7 feet in depth
Ch = 0.038 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
0
20
40
60
80
1
10
100
1000
10000
100000
Time (Sec)
Total Time: 13860 seconds

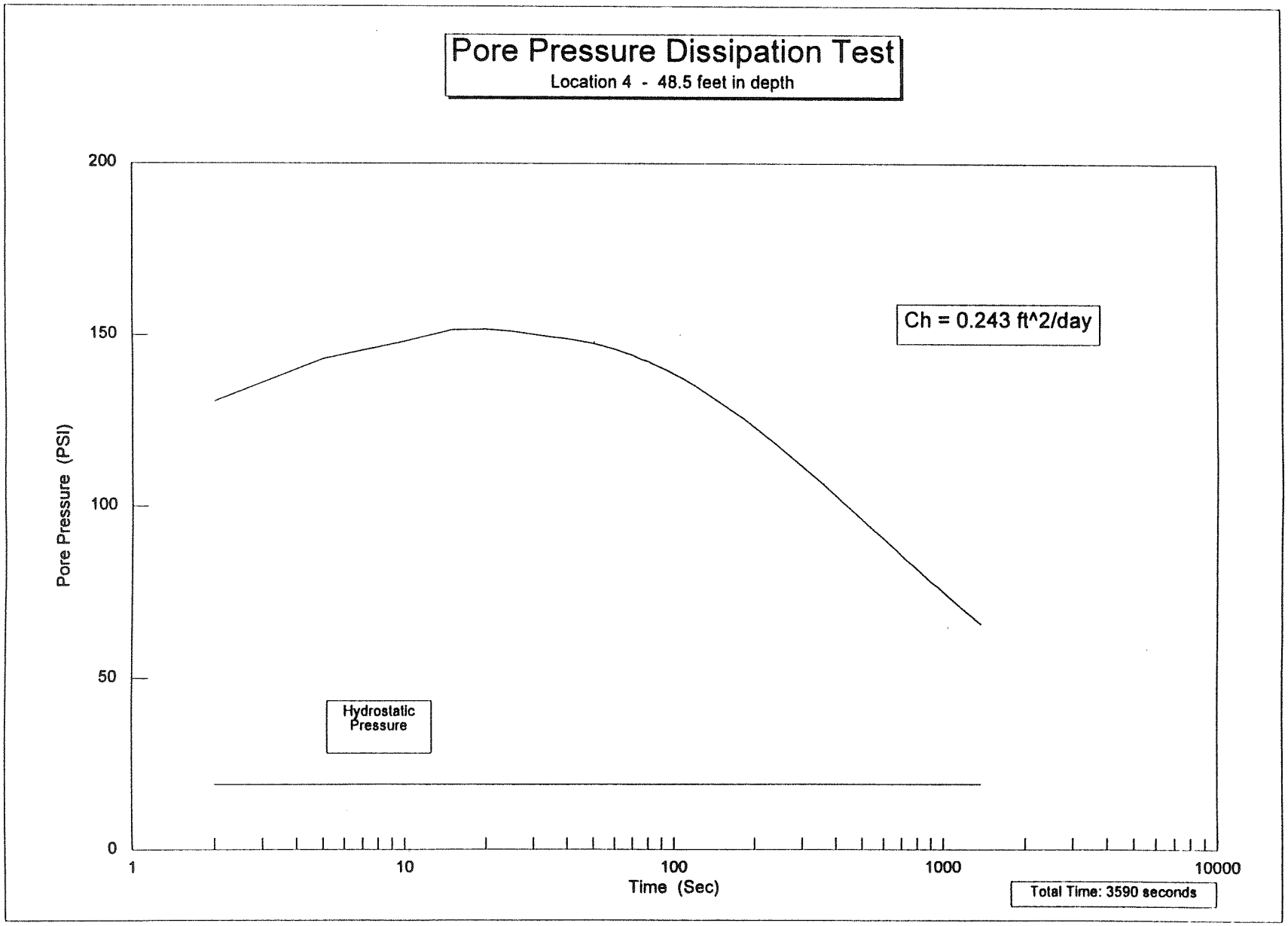

Pore Pressure Dissipation Test
Location 2 - 36.7 feet in depth
Hydrostatic Pressure
Pore Pressure (PSI)
20
15
10
5
0
1
10
100
1000
10000
Time (Sec)
Ch = 0.251 ft^2/day
Total Time: 2315 seconds

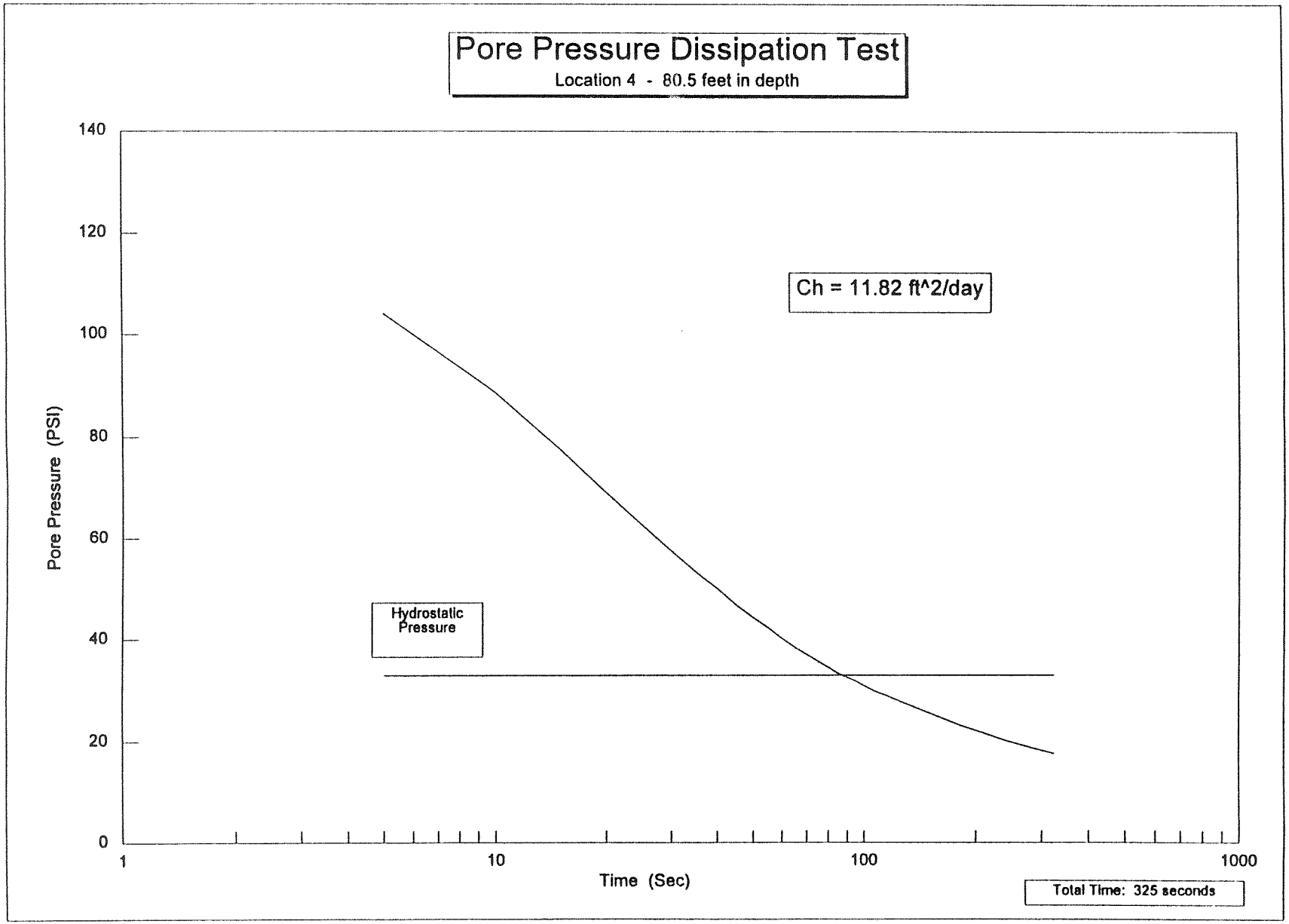

Pore Pressure Dissipation Test
Location 2 - 66.6 feet in depth
Hydrostatic Pressure
Ch = inconclusive
Pore Pressure (PSI)
30
20
10
0
1
10
100
1000
10000
Time (Sec)
Total Time: 3540 seconds

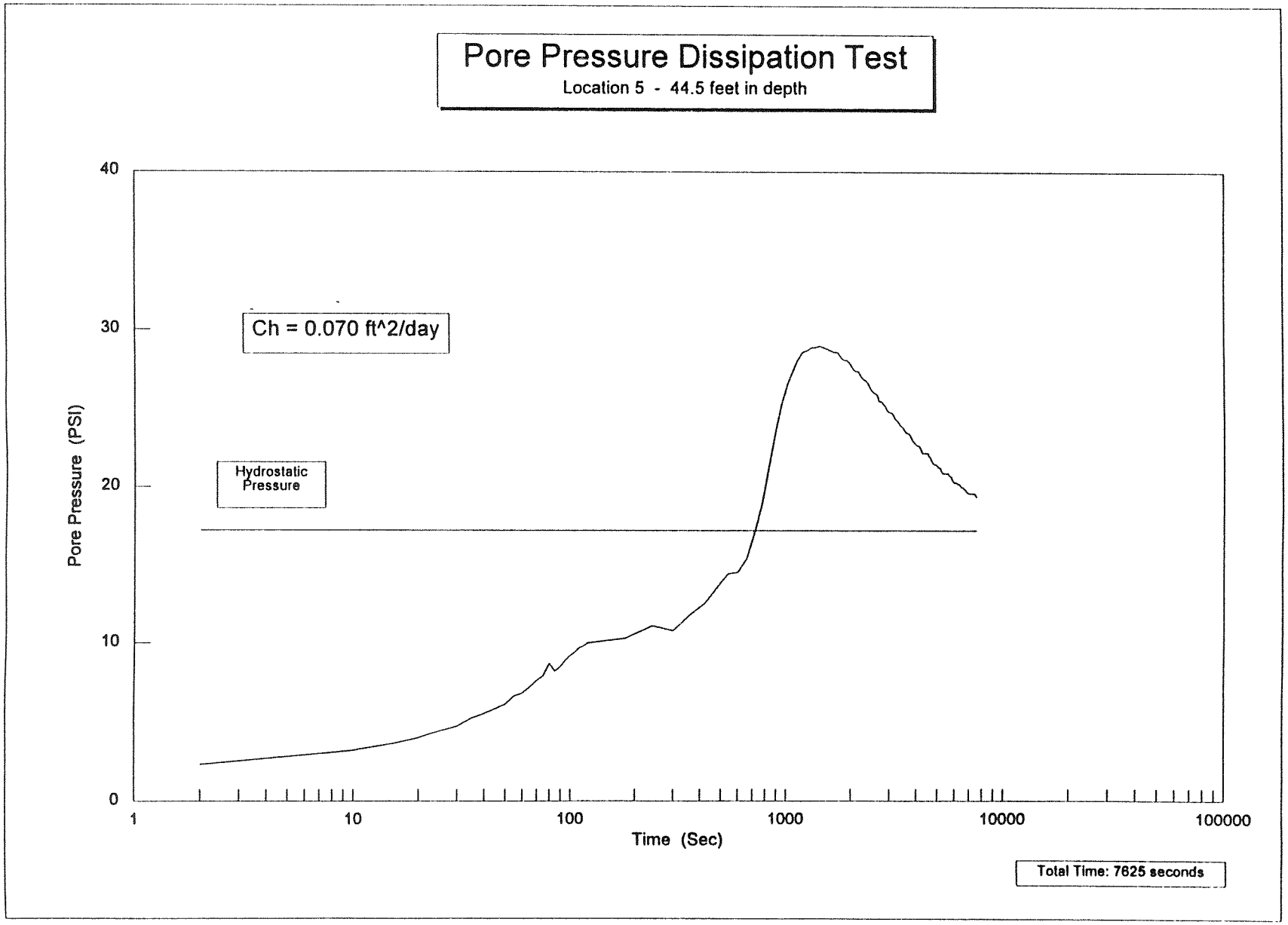

Pore Pressure Dissipation Test
Location 3 - 45.3 feet in depth
Ch = 0.061 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
120
100
80
60
40
20
0
1
10
100
1000
10000
100000
Time (Sec)
Total Time: 8725 seconds

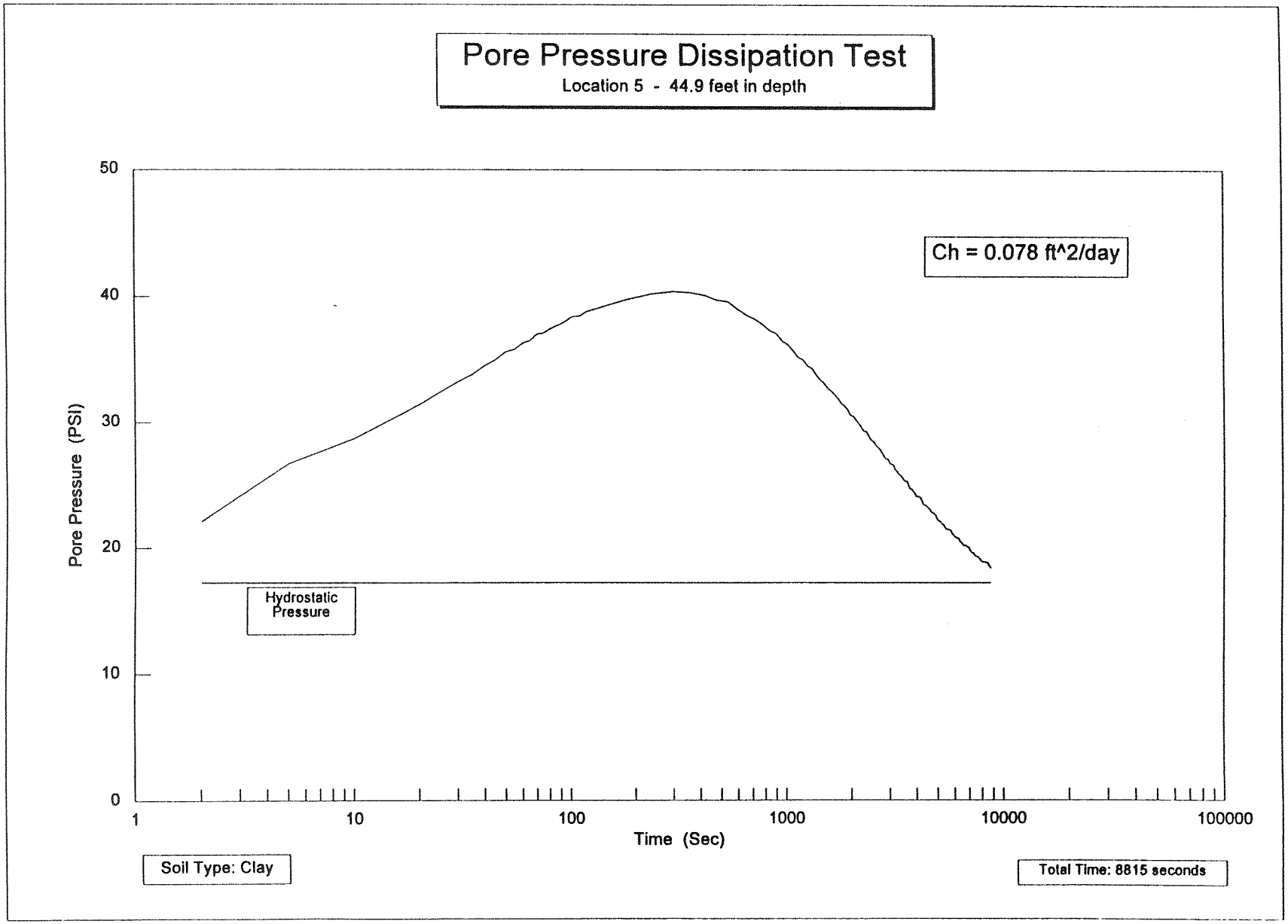

Pore Pressure Dissipation Test
Location 3 - 52.5 feet in depth
Pore Pressure (PSI)
120
100
80
60
40
20
0
Ch = 0.027 ft^2/day
Hydrostatic Pressure
1
10
100
1000
10000
100000
Time (Sec)
Total Time: 15740 seconds

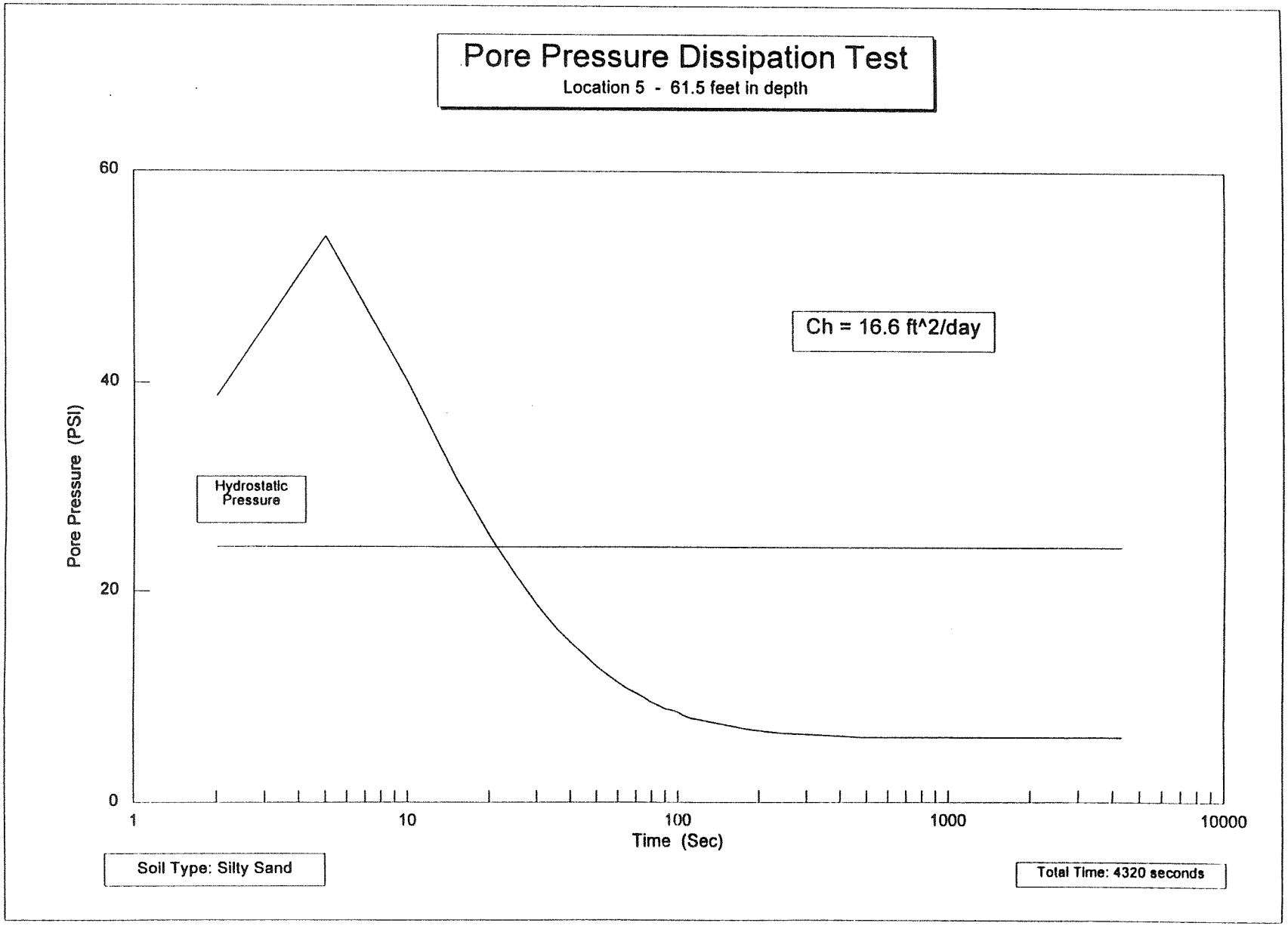

Pore Pressure Dissipation Test
Location 4 - 42.5 feet in depth
Ch = 0.43 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
100
80
60
40
20
0
1
10
100
1000
10000
Time (Sec)
Total Time: 1395 seconds

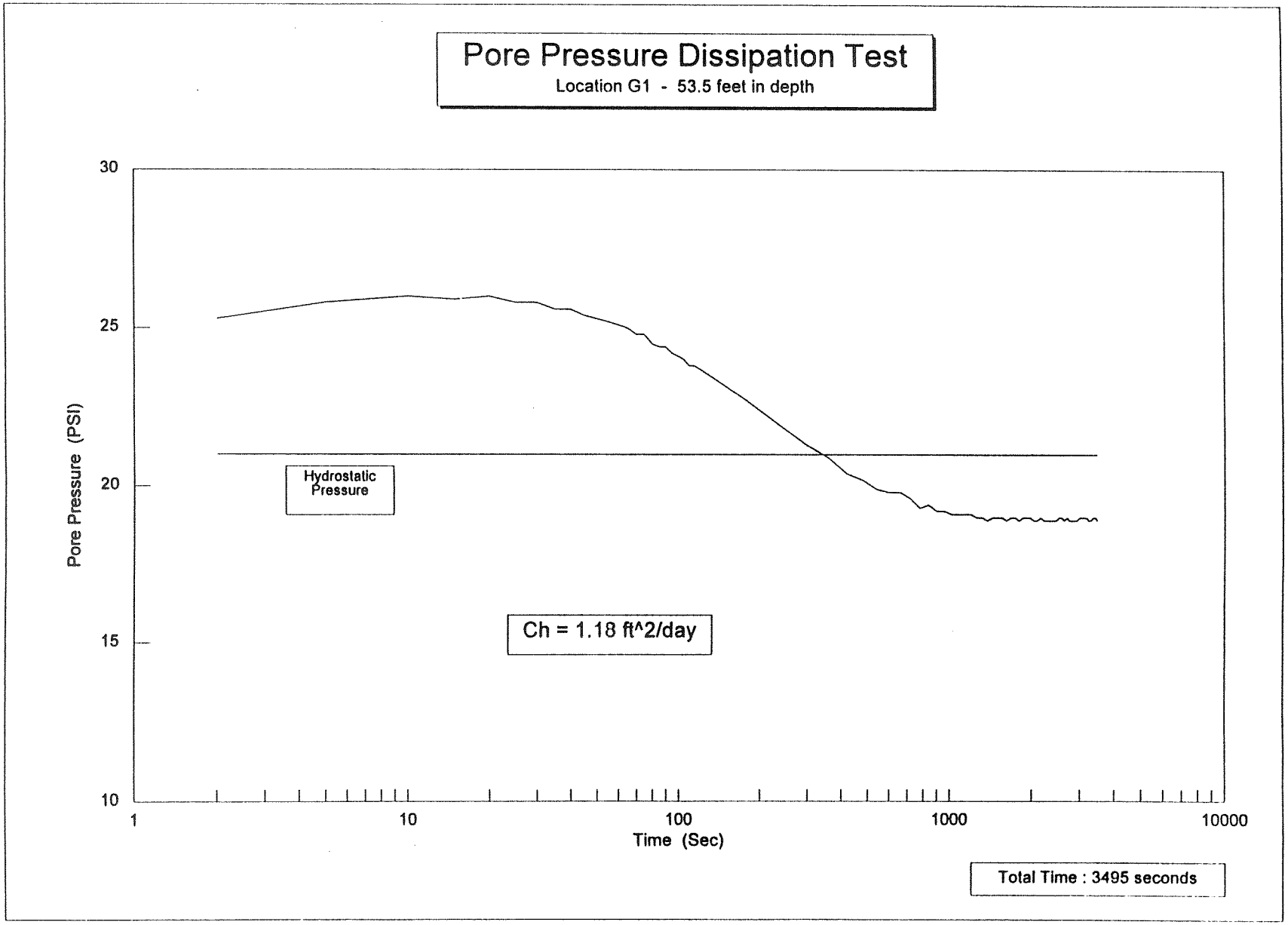

Pore Pressure Dissipation Test
Location 4 - 48.5 feet in depth
Ch = 0.243 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
200
150
100
50
0
1
10
100
1000
10000
Time (Sec)
Total Time: 3590 seconds

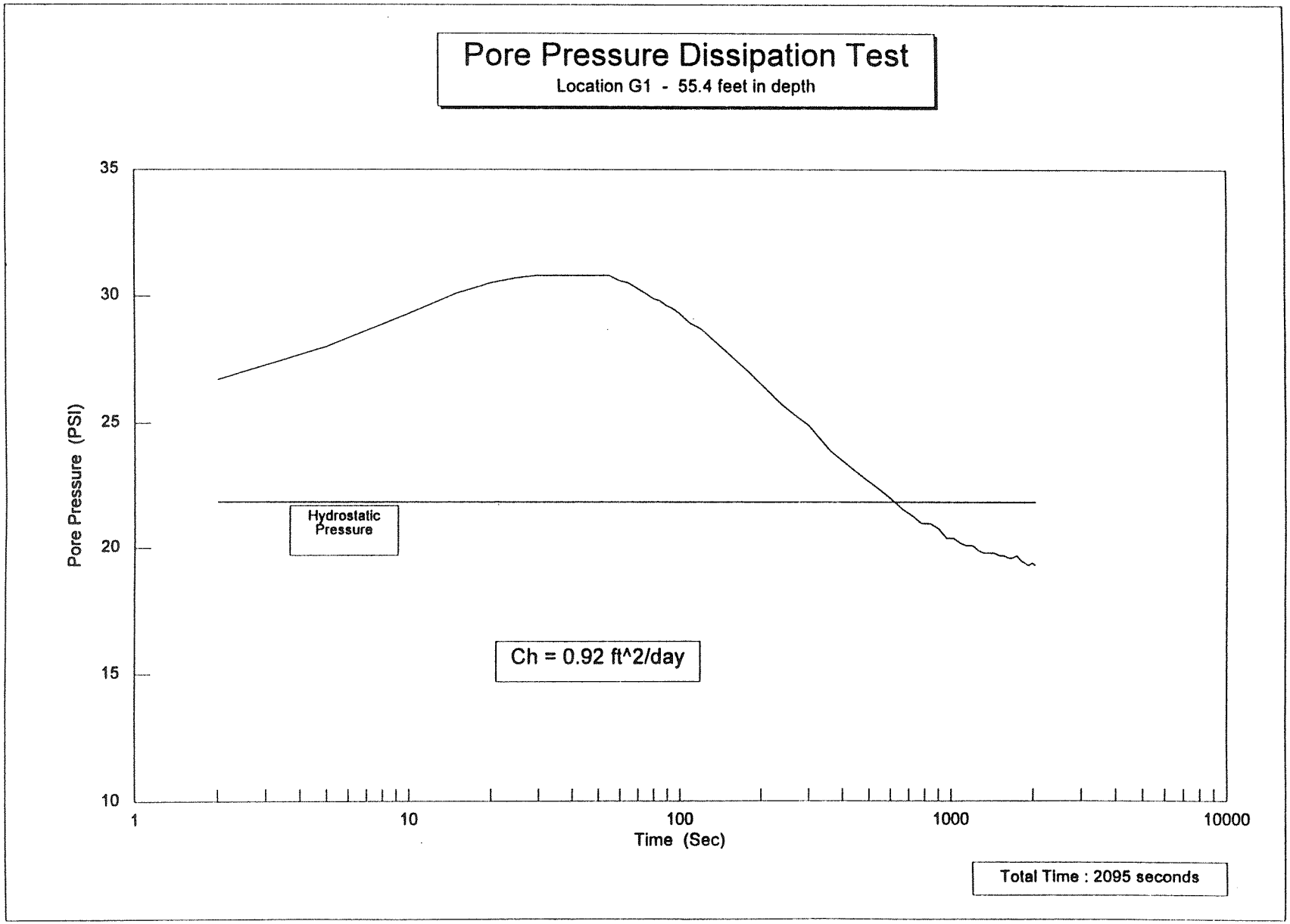

Pore Pressure Dissipation Test
Location 4 - 80.5 feet in depth
Ch = 11.82 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
140
120
100
80
60
40
20
0
1
10
100
1000
Time (Sec)
Total Time: 325 seconds

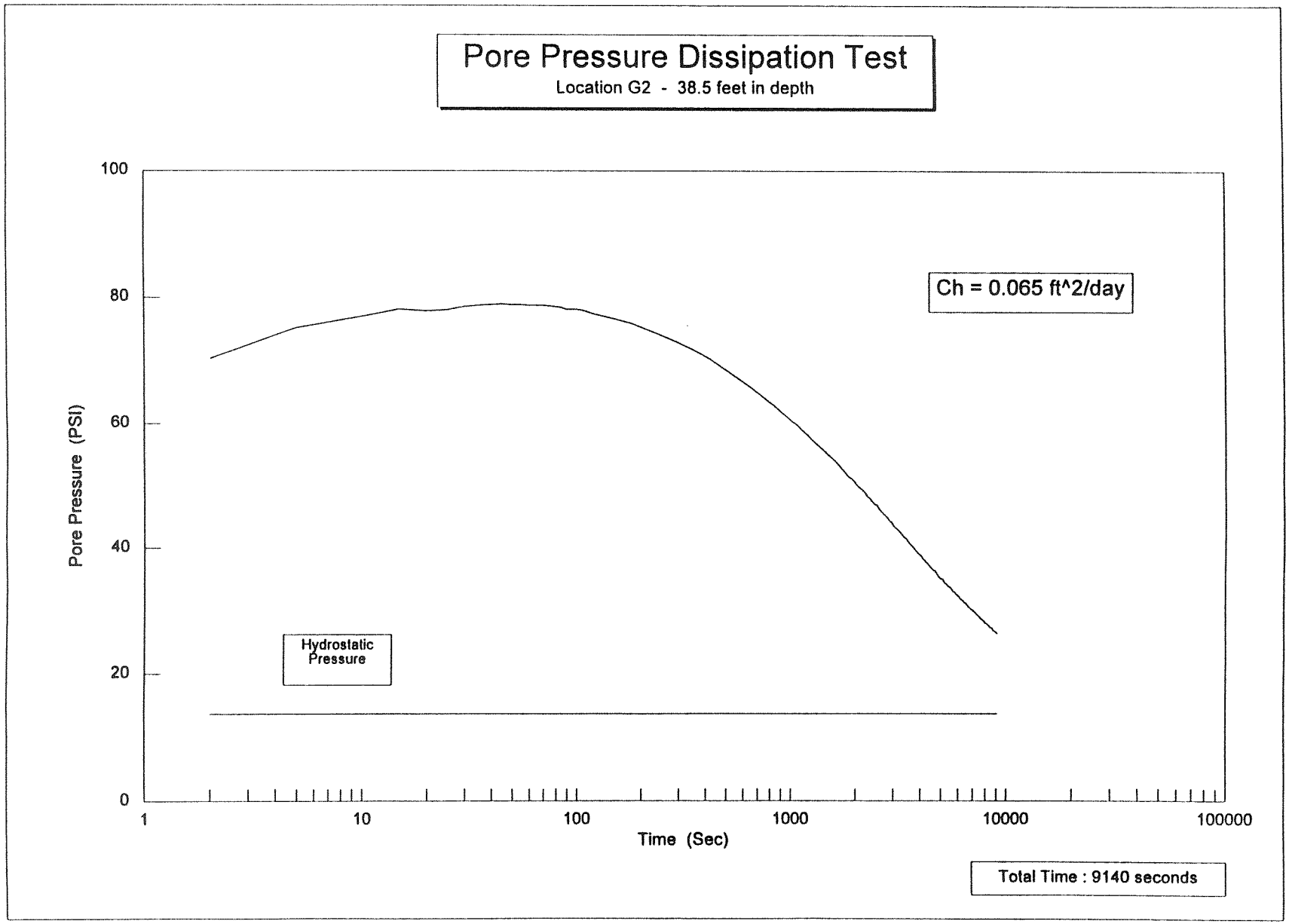

Pore Pressure Dissipation Test
Location 5 - 44.5 feet in depth
Ch = 0.070 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
40
30
20
10
0
1
10
100
1000
10000
100000
Time (Sec)
Total Time: 7625 seconds

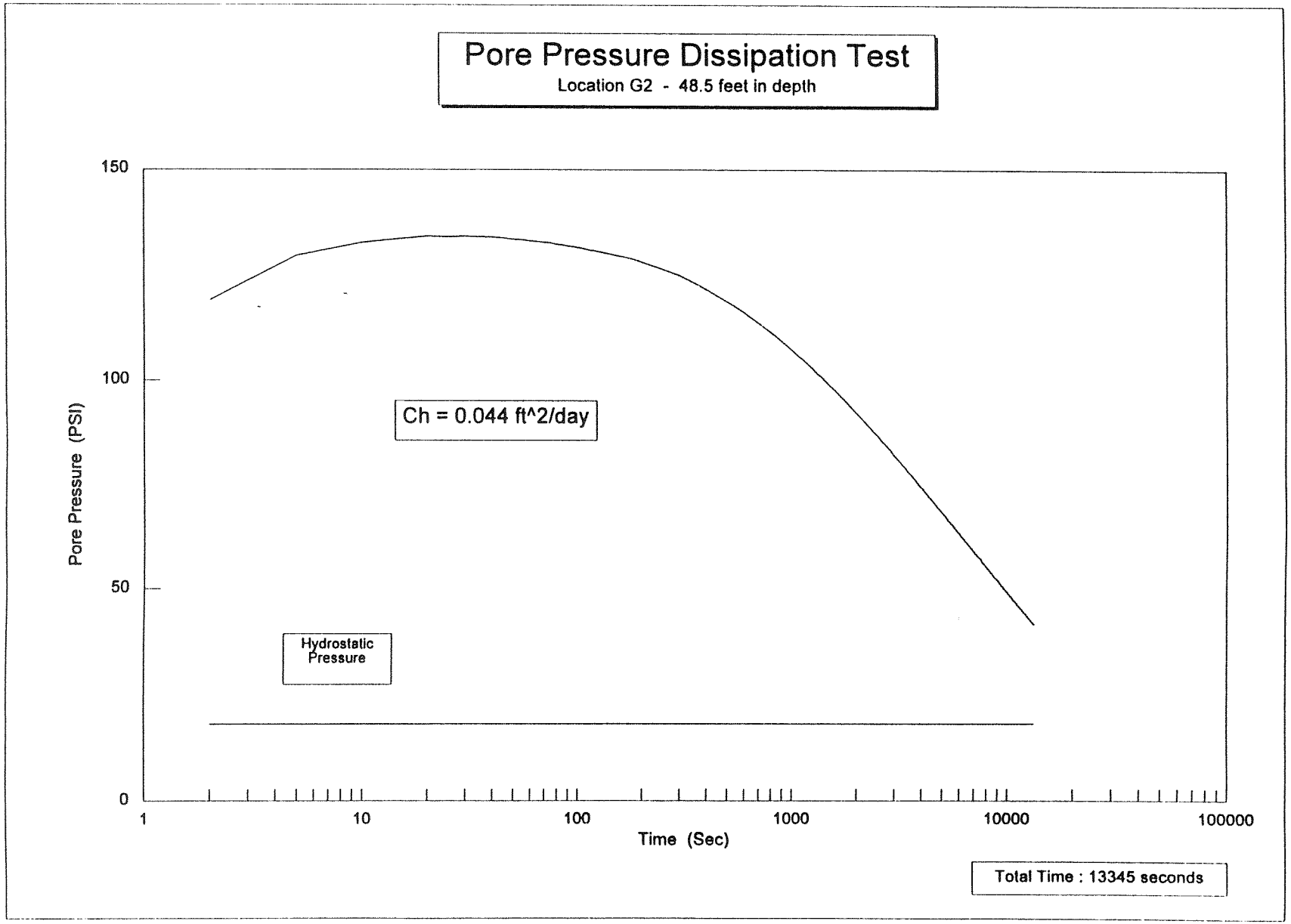

Pore Pressure Dissipation Test
Location 5 - 44.9 feet in depth
Ch = 0.078 ft^2/day
Pore Pressure (PSI)
50
40
30
20
10
0
Hydrostatic Pressure
1
10
100
1000
10000
100000
Time (Sec)
Soil Type: Clay
Total Time: 8815 seconds

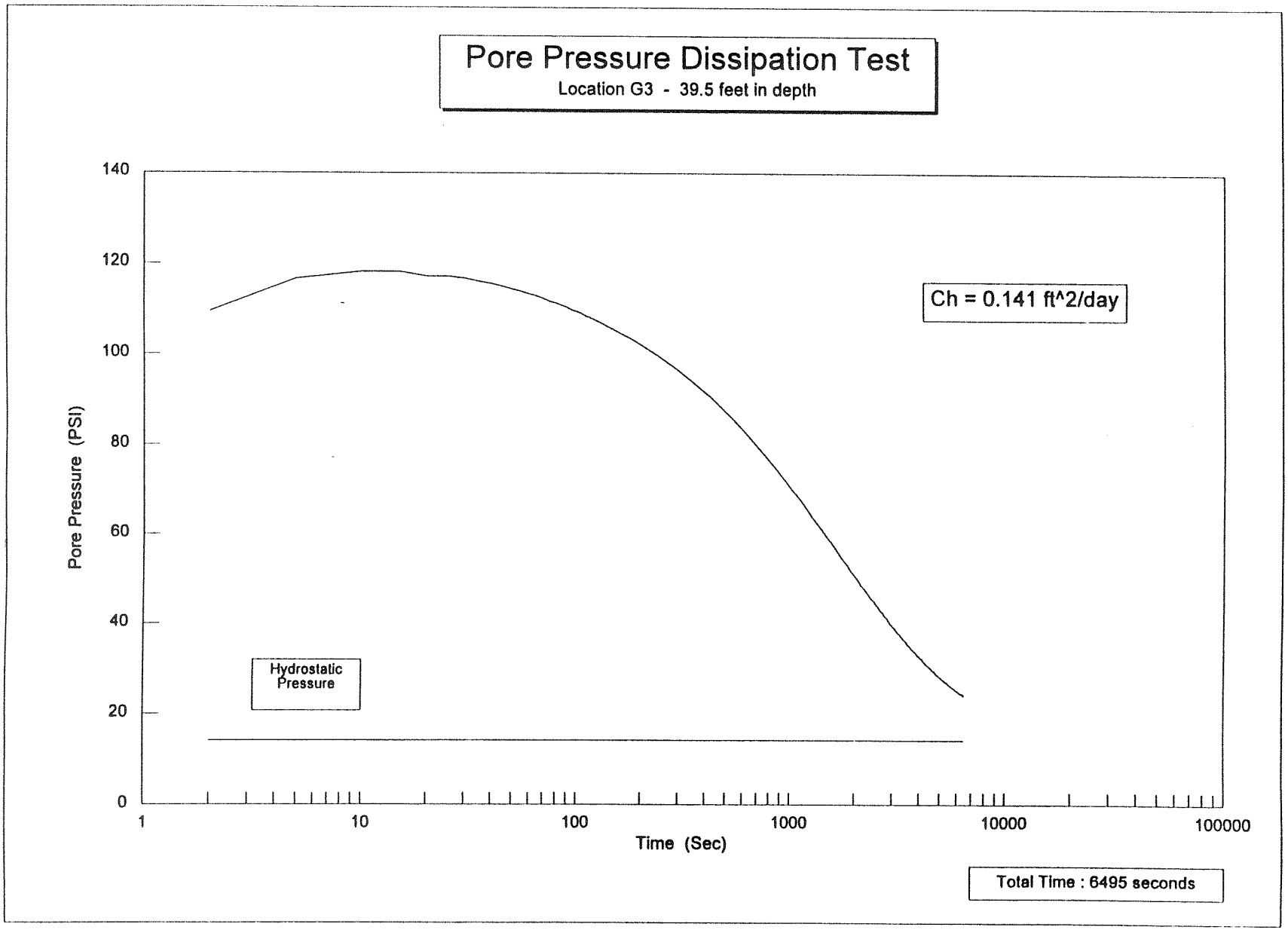

Pore Pressure Dissipation Test
Location 5 - 61.5 feet in depth
Ch = 16.6 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
60
40
20
0
1
10
100
1000
10000
Time (Sec)
Soil Type: Silty Sand
Total Time: 4320 seconds

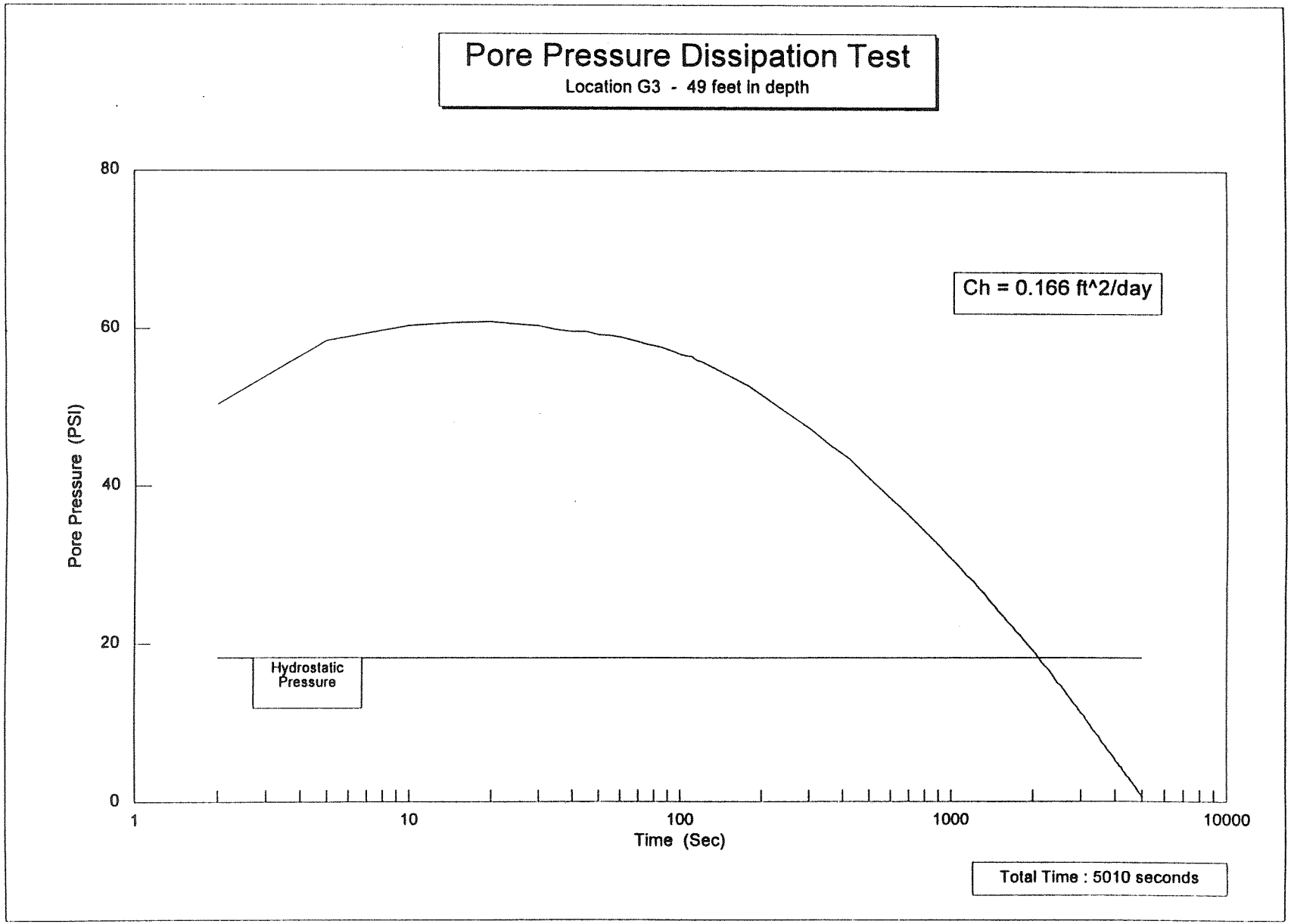

Pore Pressure Dissipation Test
Location G1 - 53.5 feet in depth
30
25
20
15
10
Pore Pressure (PSI)
Hydrostatic Pressure
Ch = 1.18 ft^2/day
1
10
100
1000
10000
Time (Sec)
Total Time : 3495 seconds

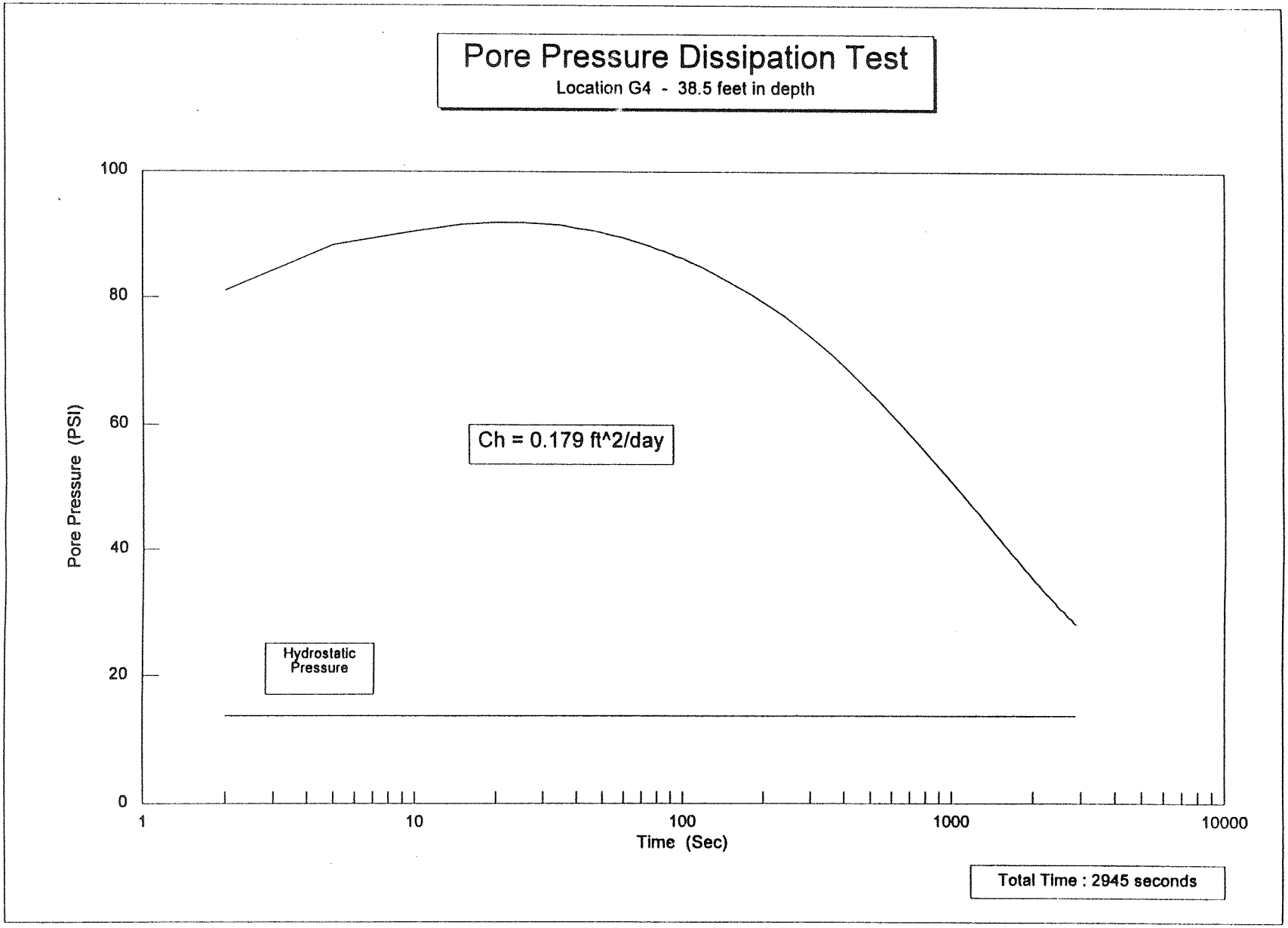

Pore Pressure Dissipation Test
Location G1 - 55.4 feet in depth
Pore Pressure (PSI)
35
30
25
20
15
10
Hydrostatic Pressure
Ch = 0.92 ft^2/day
1
10
100
1000
10000
Time (Sec)
Total Time : 2095 seconds

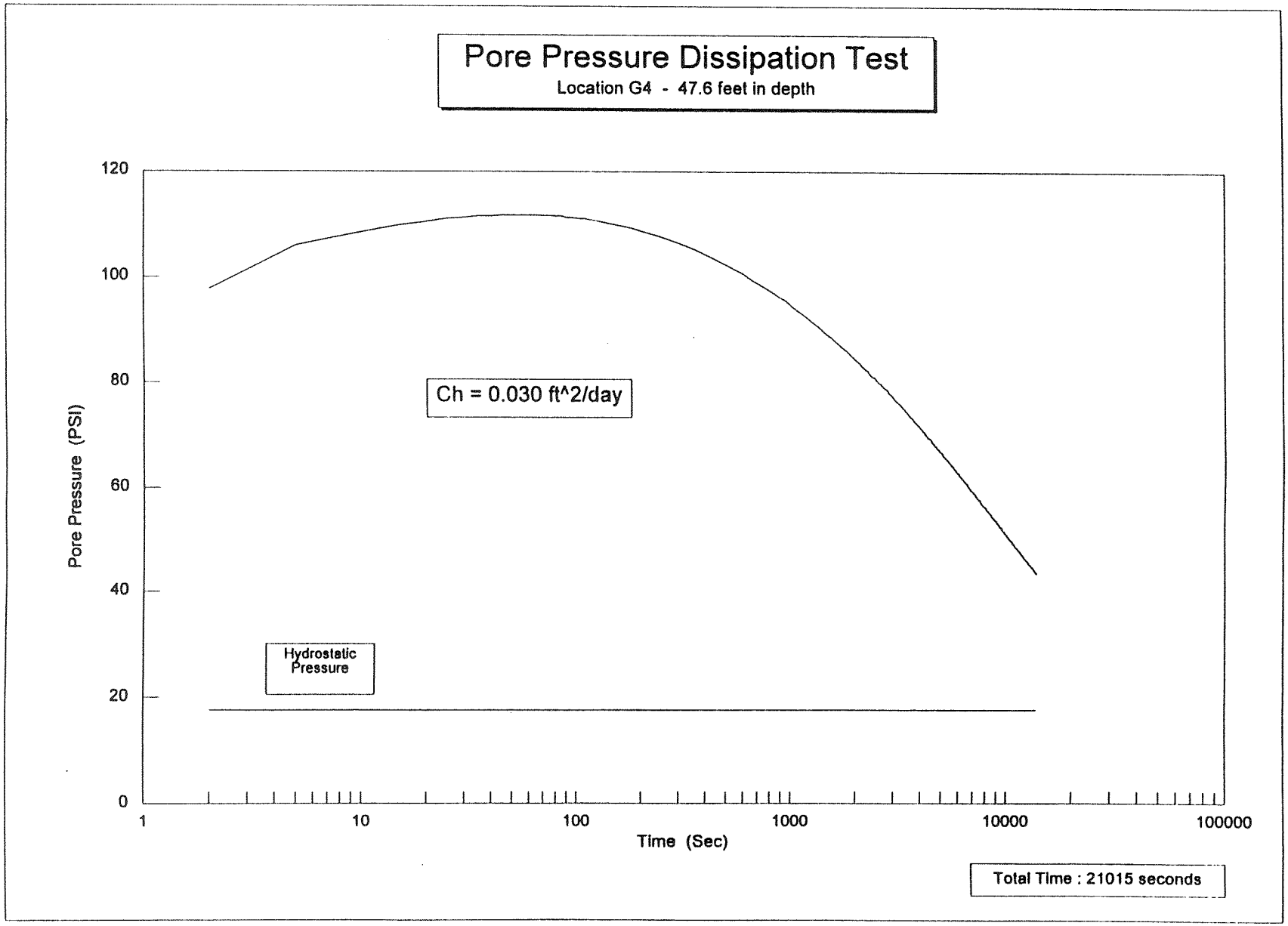

Pore Pressure Dissipation Test
Location G2 - 38.5 feet in depth
Ch = 0.065 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
100
80
60
40
20
0
1
10
100
1000
10000
100000
Time (Sec)
Total Time : 9140 seconds

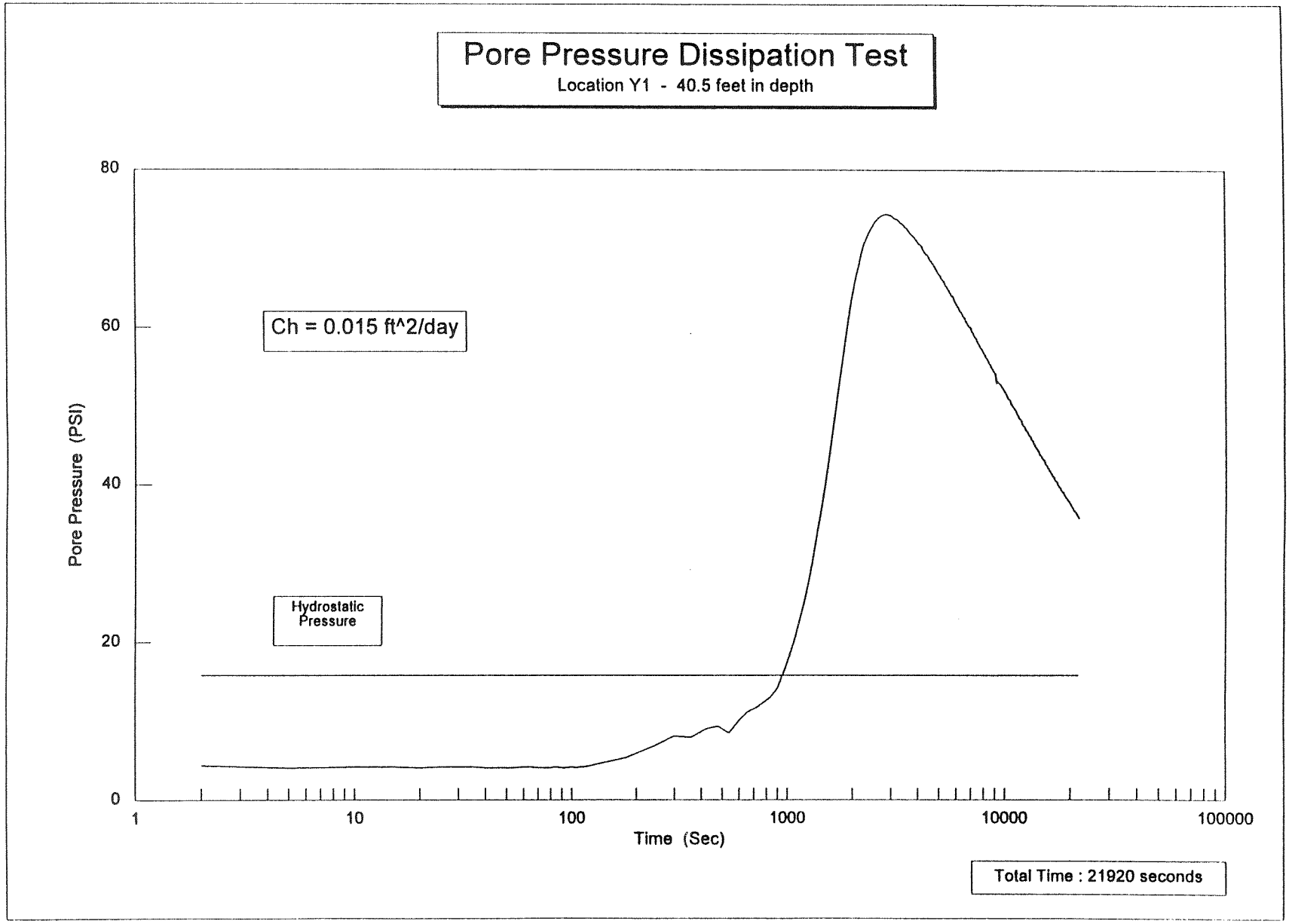

Pore Pressure Dissipation Test
Location G2 - 48.5 feet in depth
150
100
50
0
Pore Pressure (PSI)
Ch = 0.044 ft^2/day
Hydrostatic Pressure
1
10
100
1000
10000
100000
Time (Sec)
Total Time : 13345 seconds

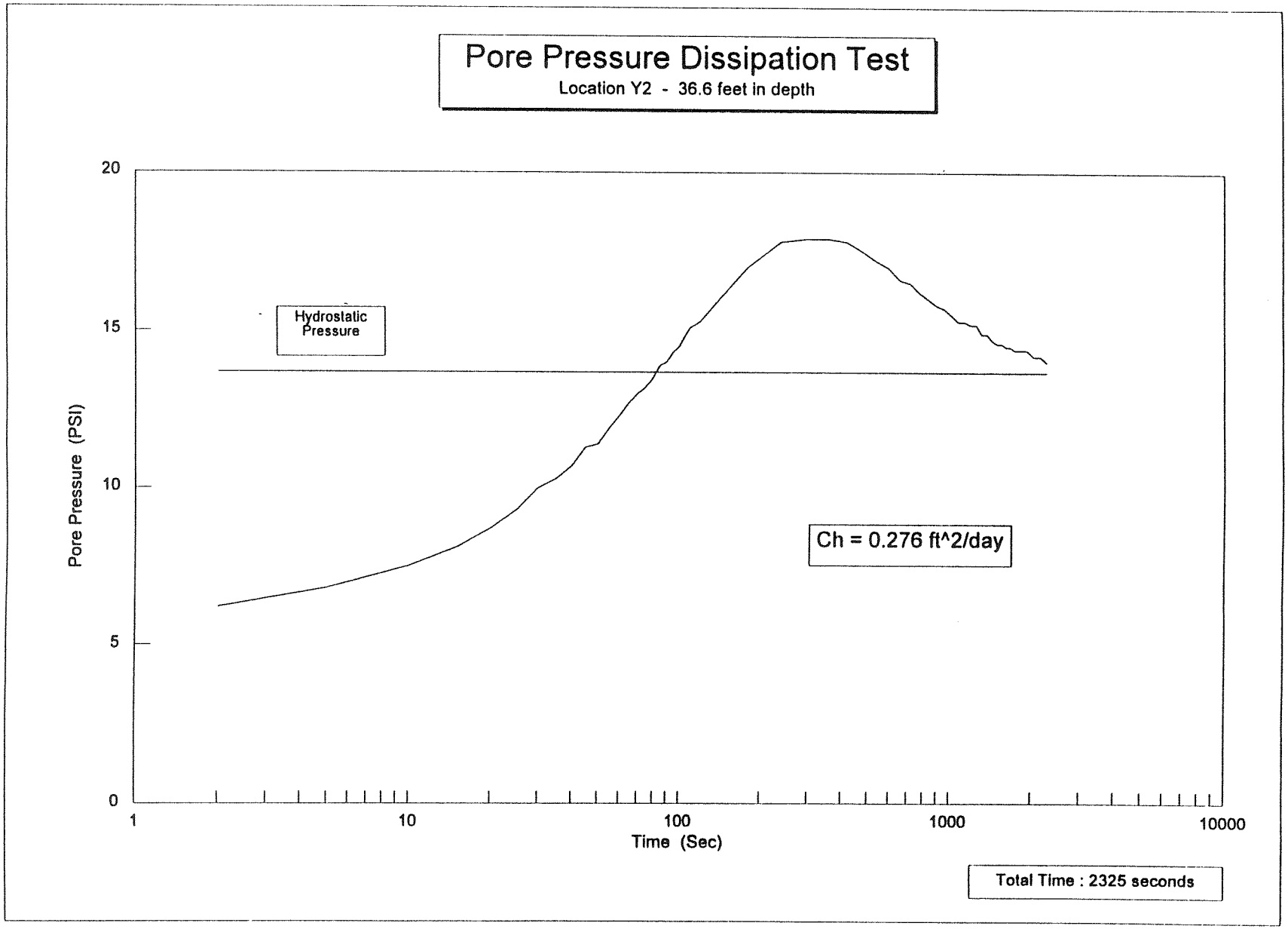

Pore Pressure Dissipation Test
Location G3 - 39.5 feet in depth
Ch = 0.141 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
140
120
100
80
60
40
20
0
1
10
100
1000
10000
100000
Time (Sec)
Total Time : 6495 seconds

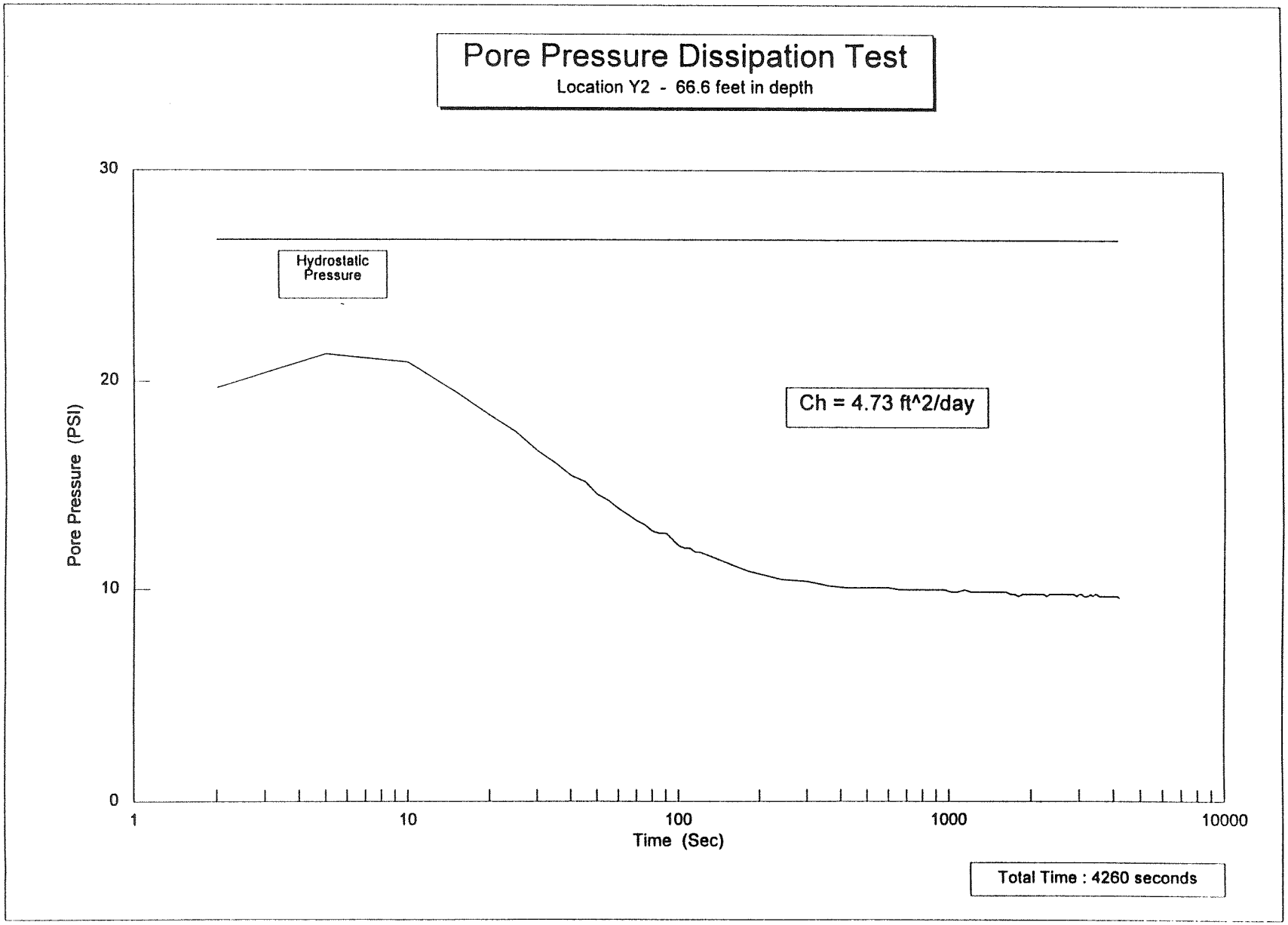

Pore Pressure Dissipation Test
Location G3 - 49 feet in depth
Ch = 0.166 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
80
60
40
20
0
1
10
100
1000
10000
Time (Sec)
Total Time : 5010 seconds

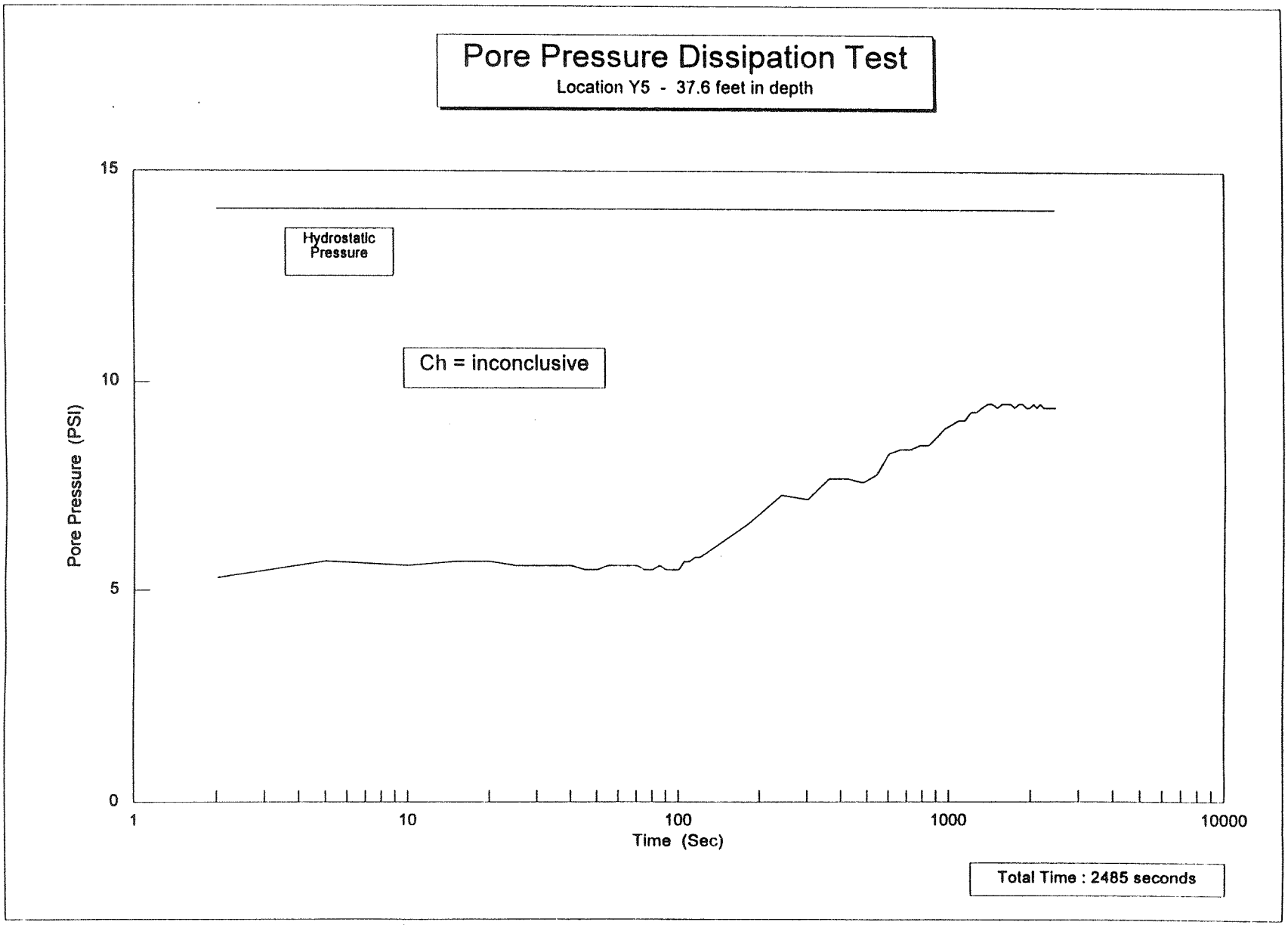

Pore Pressure Dissipation Test
Location G4 - 38.5 feet in depth
Pore Pressure (PSI)
100
80
60
40
20
0
Ch = 0.179 ft^2/day
Hydrostatic Pressure
1
10
100
1000
10000
Time (Sec)
Total Time : 2945 seconds

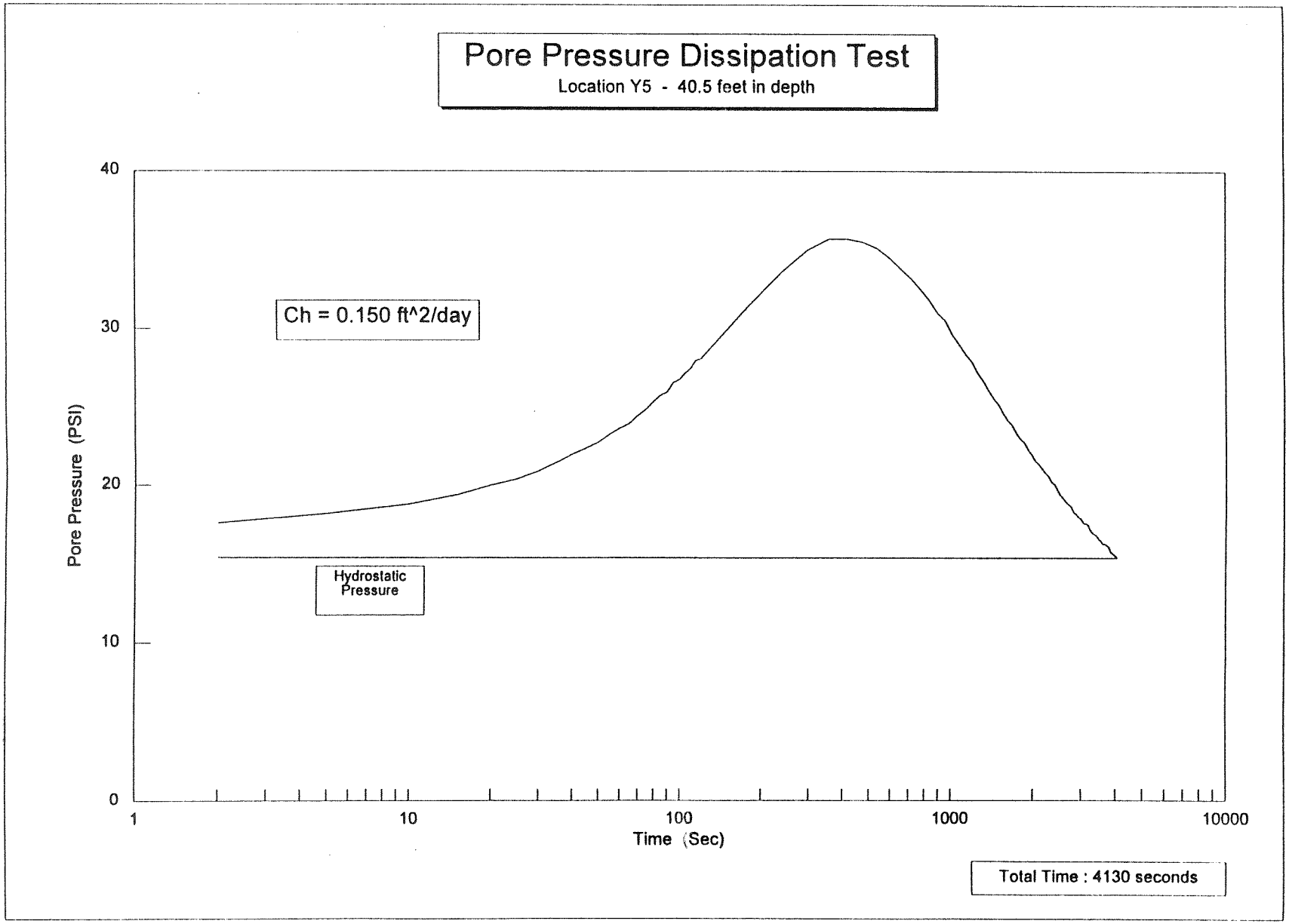

Pore Pressure Dissipation Test
Location G4 - 47.6 feet in depth
120
100
80
60
40
20
0
Pore Pressure (PSI)
Ch = 0.030 ft^2/day
Hydrostatic Pressure
1
10
100
1000
10000
100000
Time (Sec)
Total Time : 21015 seconds

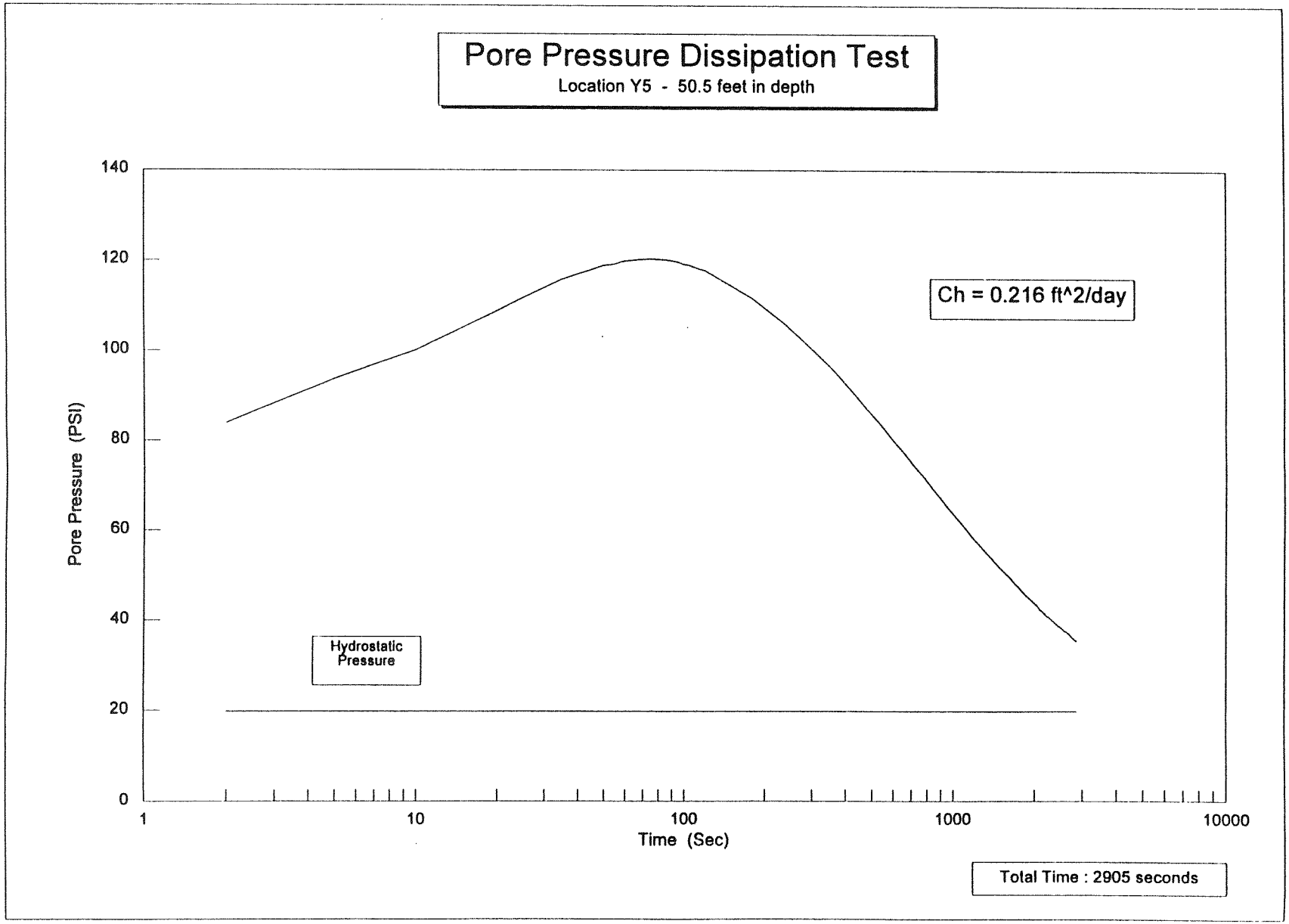

Pore Pressure Dissipation Test
Location Y1 - 40.5 feet in depth
Ch = 0.015 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
80
60
40
20
0
1
10
100
1000
10000
100000
Time (Sec)
Total Time : 21920 seconds

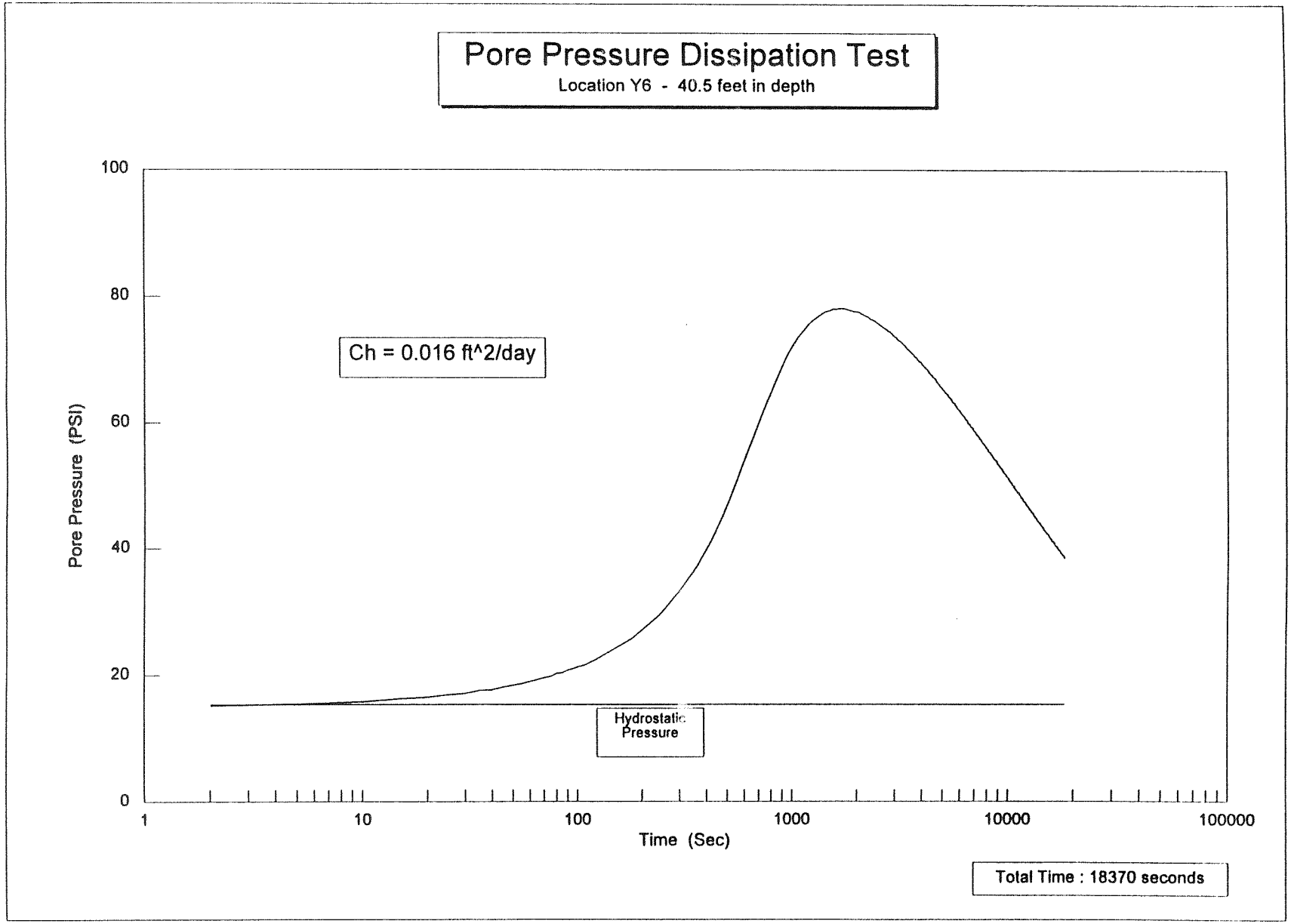

Pore Pressure Dissipation Test
Location Y2 - 36.6 feet in depth
Hydrostatic Pressure
Ch = 0.276 ft^2/day
Pore Pressure (PSI)
Time (Sec)
0
5
10
15
20
1
10
100
1000
10000
Total Time : 2325 seconds


Pore Pressure Dissipation Test
Location Y2 - 66.6 feet in depth
Hydrostatic Pressure
Ch = 4.73 ft^2/day
Pore Pressure (PSI)
30
20
10
0
1
10
100
1000
10000
Time (Sec)
Total Time : 4260 seconds


Pore Pressure Dissipation Test
Location Y5 - 37.6 feet in depth
Hydrostatic Pressure
Ch = inconclusive
Pore Pressure (PSI)
15
10
5
0
1
10
100
1000
10000
Time (Sec)
Total Time : 2485 seconds


Pore Pressure Dissipation Test
Location Y5 - 40.5 feet in depth
Ch = 0.150 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
40
30
20
10
0
1
10
100
1000
10000
Time (Sec)
Total Time : 4130 seconds


Pore Pressure Dissipation Test
Location Y5 - 50.5 feet in depth
Ch = 0.216 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
140
120
100
80
60
40
20
0
1
10
100
1000
10000
Time (Sec)
Total Time : 2905 seconds


Pore Pressure Dissipation Test
Location Y6 - 40.5 feet in depth
Ch = 0.016 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
100
80
60
40
20
0
1
10
100
1000
10000
100000
Time (Sec)
Total Time : 18370 seconds

Cone Penetrometer GW Results

PARAMETER	CP0150	CP0160	CP0160R	CP0170	CP0170R	CP0170RD	CP0255	CP0270	CP0344	CP0355	CP0370	CP0380	CP0450	CP0460	CP0470	CP0550
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<2 ug/L	<10 ug/L	<2 ug/L	<2 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<2 ug/L	<10 ug/L	<2 ug/L	<2 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Benzene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Carbon tetrachloride	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Chloroform	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,2-Dichloropropene	<5 ug/L	<5 ug/L		<5 ug/L			<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
cis-1,3-Dichloropropene			<2 ug/L		<2 ug/L	<2 ug/L										
Dibromochloromethane	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Ethylbenzene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
o-Chlorotoluene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
p-Chlorotoluene			<2 ug/L		<2 ug/L	<2 ug/L										
Tetrachloroethene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Toluene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Total xylenes	<5 ug/L	<5 ug/L	<6 ug/L	<5 ug/L	<6 ug/L	<6 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,2-Dichloropropene	<5 ug/L	<5 ug/L		<5 ug/L			<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
trans-1,3-Dichloropropene			<2 ug/L		<2 ug/L	<2 ug/L										
Trichloroethene	<5 ug/L	<5 ug/L	<2 ug/L	<5 ug/L	1.8 J ug/L	3.4 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L
Vinyl chloride	<10 ug/L	220 ug/L	<5 ug/L	<10 ug/L	<5 ug/L	<5 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L

Cone Penetrometer GW Results

PARAMETER	CP0560	CP0570	CP0930	CP0950	CP0980	CP1030	CP1050	CP1080	CP1080D	CP1130	CP1150	CP1180	CP1230	CP1250	CP1270	CP1330	CP1330D
1,1,1,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,1,1-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,1,2,2-Tetrachloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,1,2-Trichloroethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,1-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,1-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,2,3-Trichloropropane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,2-Dichlorobenzene (ortho)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,2-Dichloroethane	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,3-Dichlorobenzene (meta)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
1,4-Dichlorobenzene (para)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Benzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Bromobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Carbon tetrachloride	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Chlorobenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Chloroform	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
cis-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
cis-1,2-Dichloropropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L												
cis-1,3-Dichloropropene						<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Dibromochloromethane	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Ethylbenzene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Methyl-tert-butylether (MTBE)	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
o-Chlorotoluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
p-Chlorotoluene						<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Tetrachloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Toluene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Total xylenes	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L	<6 ug/L
trans-1,2-Dichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
trans-1,2-Dichloropropene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L												
trans-1,3-Dichloropropene						<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Trichloroethene	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L	<2 ug/L
Vinyl chloride	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<10 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L	<5 ug/L

Cone Penetrometer GW Results

PARAMETER	CP1350	CP1380
1,1,1,2-Tetrachloroethane	<2 ug/L	<2 ug/L
1,1,1-Trichloroethane	<2 ug/L	<2 ug/L
1,1,2,2-Tetrachloroethane	<2 ug/L	<2 ug/L
1,1,2-Trichloroethane	<2 ug/L	<2 ug/L
1,1-Dichloroethane	<2 ug/L	<2 ug/L
1,1-Dichloroethene	<2 ug/L	<2 ug/L
1,2,3-Trichloropropane	<2 ug/L	<2 ug/L
1,2-Dichlorobenzene (ortho)	<2 ug/L	<2 ug/L
1,2-Dichloroethane	<2 ug/L	<2 ug/L
1,3-Dichlorobenzene (meta)	<2 ug/L	<2 ug/L
1,4-Dichlorobenzene (para)	<2 ug/L	<2 ug/L
Benzene	<2 ug/L	<2 ug/L
Bromobenzene	<2 ug/L	<2 ug/L
Carbon tetrachloride	<2 ug/L	<2 ug/L
Chlorobenzene	<2 ug/L	<2 ug/L
Chloroform	<2 ug/L	<2 ug/L
cis-1,2-Dichloroethene	<2 ug/L	<2 ug/L
cis-1,2-Dichloropropene		
cis-1,3-Dichloropropene	<2 ug/L	<2 ug/L
Dibromochloromethane	<2 ug/L	<2 ug/L
Ethylbenzene	<2 ug/L	<2 ug/L
Methyl-tert-butylether (MTBE)	<2 ug/L	<2 ug/L
o-Chlorotoluene	<2 ug/L	<2 ug/L
p-Chlorotoluene	<2 ug/L	<2 ug/L
Tetrachloroethene	<2 ug/L	<2 ug/L
Toluene	<2 ug/L	<2 ug/L
Total xylenes	<6 ug/L	<6 ug/L
trans-1,2-Dichloroethene	<2 ug/L	<2 ug/L
trans-1,2-Dichloropropene		
trans-1,3-Dichloropropene	<2 ug/L	<2 ug/L
Trichloroethene	<2 ug/L	<2 ug/L
Vinyl chloride	<5 ug/L	<5 ug/L