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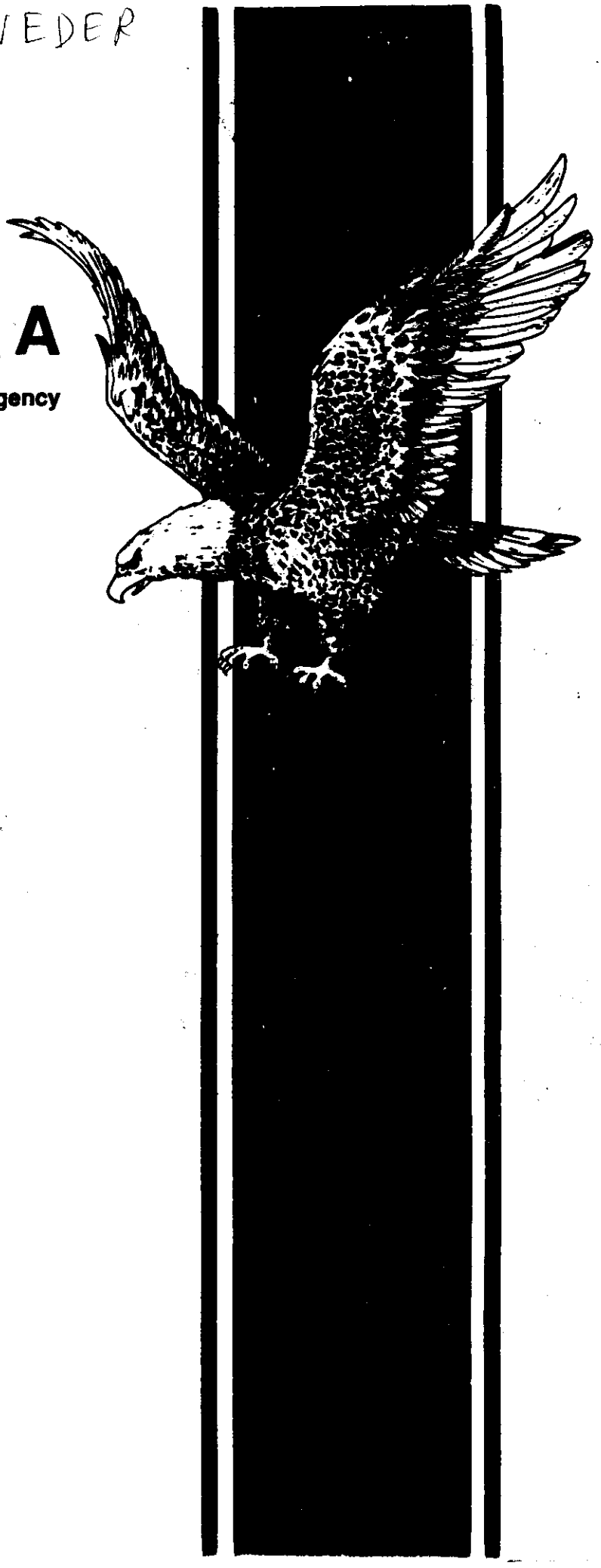

USATHAMA

U.S. Army Toxic and Hazardous Materials Agency

REMEDIAL ACTION TECHNICAL SUPPORT SERVICES (RATSS)

Task Order 9 Tooele Army Depot-North Area Remedial Investigation

Final Remedial Investigation Report

Contract Number DAAA15-87-D-0007

Volume 2

December 1990

Prepared for:
U.S. ARMY TOXIC AND HAZARDOUS MATERIALS AGENCY
Aberdeen Proving Ground, Maryland 21010-5401

Prepared by:

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Contract No. DAAA15-87-D-0007
Task Order 9

FINAL REPORT OF REMEDIAL INVESTIGATION FOR TOOELE ARMY DEPOT - NORTH AREA TOOELE, UTAH

Volume 2

Prepared for:

U.S. Army Toxic and Hazardous Materials Agency (USATHAMA)
Aberdeen Proving Ground
Edgewood Area, Maryland 21010-5401

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Tooele Army Depot, Tooele, Utah

Prepared by:

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West Chester, Pennsylvania
Albuquerque, New Mexico

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APPENDIX A

POTENTIAL ARARs AND PROPOSED UTAH GROUNDWATER QUALITY PROTECTION REGULATIONS

1070R2

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FOR DISCUSSION ONLY

POTENTIAL ARARS FOR THE STATE OF UTAH

A. DEPARTMENT OF AGRICULTURE

1. Subject: Pesticide control -- safe and appropriate use of pesticides.
   Statute: Title 4, Chapter 14, Utah Code Annotated (U.C.A.)
   Rule: R68-07, Utah Administrative Code (U.A.C.)
   Remarks: See particularly R68-07-10, U.A.C., regarding storage, transport and disposal, and R68-07-11, U.A.C., regarding other unlawful acts.

B. DIVISION OF WILDLIFE RESOURCES, DEPARTMENT OF NATURAL RESOURCES

1. Subject: General definitions -- definitions for Wildlife Resources Code, Title 23, Chapter 13, U.C.A.
   Statute: 23-13-2, U.C.A.
   Rule: None.

2. Subject: Diversion of water -- diversion endangering protected aquatic wildlife prohibited.
   Statute: 23-15-3, U.C.A.
   Rule: None.

3. Subject: Water pollution -- pollution of waters containing protected aquatic wild life (including specified invertebrates) unlawful.
   Statute: 23-15-6, U.C.A.
   Rule: None.

C. DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES

1. Subject: Mine Safety Provisions -- provisions regarding subsidence, fire protection and first aid materials.
   Statute: Title 40, Chapter 5, U.C.A.
   Rule: None.

2. Subject: Reclamation of lands mined for minerals -- specifies standards for such reclamation.
   Statute: Title 40, Chapter 8, U.C.A.
   Rule: R13-1M, U.A.C.
   Remarks: See particularly R13-1M-10, U.A.C.

3. Subject: Mining Standards -- standards governing operation and reclamation of strip mines.
   Statute: Title 40, Chapter 10, U.C.A.
   Rule: R614, U.A.C.
   Remarks: See particularly 40-10-17, U.C.A.

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D. STATE ENGINEER, DEPARTMENT OF NATURAL RESOURCES

1. Subject: Well drilling standards -- standards for drilling and abandonment of wells.
   Statute: 73-3-25, U.C.A.
   Rule: R625-4, U.A.C.
   Remarks: Includes such requirements as performance standards for casing joints, requirements for abandoning a well.

2. Subject: Relocation of natural streams -- procedures and standards governing rechanneling of stream beds.
   Statute: 73-3-29, U.C.A.
   Rule: None.

3. Subject: Dam Safety -- standards governing integrity of water impoundment structures, including construction design and removal.
   Statute: 73-5-5 through 7 and 73-5-12, U.C.A.
   Rule: R625-3, U.A.C.
   Remarks: See particularly R625-3-10 and 11, U.A.C.

E. DIVISION OF STATE HISTORY, DEPARTMENT OF COMMUNITY AND ECONOMIC DEVELOPMENT

1. Subject: Protection of archaeological, anthropological and paleontological resources
   Statute: 63-18-18 through 38, U.C.A.
   Rule: R224, U.A.C.
   Remarks: See particularly Section 63-18-18, U.C.A., stating legiglative interest in preservation of archaeological, anthropological and paleontological resources, Section 63-18-25, U.C.A., regarding historical resources on state lands, and Section 63-18-37, U.C.A. regarding projects by state agencies.

F. INDUSTRIAL COMMISSION

1. Subject: Utah Occupational Safety and Health Standards
   Statute: Title 35, Chapter 9, U.C.A.
   Rule: R500, U.A.C.
   Remarks: These rules are identical to federal OSHA regulations.

G. BUREAU OF SOLID AND HAZARDOUS WASTE, DIVISION OF ENVIRONMENTAL HEALTH, DEPARTMENT OF HEALTH

1. Subject: Solid Waste
   Statute: Title 26, Chapter 14, U.C.A.
   Rule: Not yet codified; copy available from the Bureau of Solid and Hazardous Waste.
   Remarks: These rules govern solid waste landfills.

2. Subject: Solid and Hazardous waste
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: R450, U.A.C.
   Remarks: These rules are substantively identical to the federal rules promulgated under the Resource Conservation and Recovery Act, with the following exceptions:

   - R450-2-1 (Table 2-III): listings for K048 and K051 (separator sludges) are broader than federal listings;
   - R450-2-1 (Table 2-I): listing for F999 (military agent) has no corresponding federal provision;
   - R450-9, regarding spill reporting requirements, has no corresponding federal provisions;
   - R450-101, which will be promulgated shortly, lists criteria to be considered in establishing clean-up standards.

H. BUREAU OF WATER POLLUTION CONTROL, DIVISION OF ENVIRONMENTAL HEALTH, DEPARTMENT OF HEALTH

1. Subject: Definitions for Water Pollution Rules and General Requirements
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: R448-1

2. Subject: Standards for Quality for Waters of the State
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: R448-2
   Remarks: These rules are specific to Utah waters, though they are derived in part by using federal criteria. See particularly the non-degredation policy in R448-2-3.

3. Subject: Sewers and wastewater treatment works
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: R448-3, U.A.C.
   Remarks: Construction and performance requirements.

4. Subject: Large underground wastewater disposal systems
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: R448-5, U.A.C.
   Remarks: Governs domestic wastewater systems.

5. Subject: Surface disposal of produced water from gas and oil wells
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: R448-6, U.A.C.

6. Subject: Underground injection control
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: R448-7, U.A.C.
   Remarks: See particularly R448-7-9 specifying technical requirements.

7. Subject: Utah pollution discharge elimination system
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: R448-8, U.A.C.
   Remarks: See particularly R448-8-7 specifying criteria and standards.

8. Subject: Ground water protection
   Statute: Title 26, Chapter 11, U.C.A.
   Rule: Not yet assigned.
   Remarks: The Bureau of Water Pollution Control, in cooperation with other bureaus in the Division, will soon be promulgating ground water protection standards. There is no corresponding federal program.

I. BUREAU OF AIR QUALITY, DIVISION OF ENVIRONMENTAL HEALTH, DEPARTMENT OF HEALTH

1. Subject: Utah Air Conservation Rules.
   Statute: Title 26, Chapter 13, U.C.A.
   Rule: R446-1
   Remarks: These rules are substantively identical to corresponding federal regulations, with the following exceptions:

   - R446-1-1.25 and R446-1-3.1.8, which require application of best available control technology for any source;
   - R446-1-3.11, which lists criteria to be considered in establishing visibility standards;
   - R446-1-4.1, which sets visible emission standards;
   - R446-1-4.2, which sets standards for sulfur content in fuels;
   - R446-1-4.5, which regulates fugitive dust emissions; and
   - R446-1-5.1, which allows the State to require temporary closure of air pollution sources in the event of an air pollution emergency episode.

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J. BUREAU OF DRINKING WATER/SANITATION, DIVISION OF ENVIRONMENTAL HEALTH, DEPARTMENT OF HEALTH

1. Subject: Utah Public Drinking Water Rules
   Statute: Title 26, Chapter 12.
   Rule: R449, U.A.C.
   Remarks: See particularly R449-103 establishing drinking water standards. These standards are identical to federal standards except with respect to sulfate, TDS and flouride.

K. BUREAU OF RADIATION CONTROL, DIVISION OF ENVIRONMENTAL HEALTH, DEPARTMENT OF HEALTH

1. Subject: General provisions -- definitions and other provisions applicable to following subjects.
   Statute: 26-1-5, U.C.A., and 26-1-27 through 29, U.C.A.
   Rule: R447-12, U.A.C.

2. Subject: Licensing requirements for handling radioactive materials.
   Statute: 26-1-5, U.C.A., and 26-1-27 through 29, U.C.A.
   Rule: R447-19, 21 and 22, U.A.C.
   Remarks: Although these provisions relate primarily to licensing requirements, they also contain some substantive standards. See, e.g., R447-19-500 regarding standards for transportation.

Proposed Ground Water Quality Protection Regulations

PREAMBLE

Background

The proposed ground water quality protection regulations are the culmination of several years of effort in developing a more formalized program to protect the quality of ground water in Utah. A ground water policy was issued in 1984 by the Governor calling for the development of a state ground water quality protection strategy. The protection strategy was completed in 1986. In the public meetings that were held around the state in 1986 to receive comment on the strategy, those attending made it clear that it was very important that ground water be protected from contamination. Subsequently, the staff in the Bureau of Water Pollution Control prepared a concept paper on ground water aquifer classification and standards. This was discussed with various interest groups around the state in late 1987 and early 1988.

In the 1988 legislative session, the Utah legislature passed Senate Joint Resolution 1, expressing to Congress the request that any federal ground water legislation give primary responsibility to the states, and expressing the intent of the state to proceed with a ground water quality protection program. The regulation now being proposed includes the prior proposals on ground water classification and standards, and proposes a new permitting system to implement those standards. An earlier draft of the regulation has been subject to comment through public meetings and meetings with various interest groups. This proposed regulation and preamble reflects the comments that were received.

The ground water regulation is written to protect existing beneficial uses and quality of ground water, and to protect probable future beneficial uses based on water quality. Statutory authority for this regulation is contained in Chapter 26-11, Utah Code Annotated, which gives the Water Pollution Control Committee the responsibility to prevent, control, and abate pollution of waters of the state, including ground water.

Because it is difficult or impossible and in any event very costly to clean up a contaminated aquifer, and because it may take decades or longer for natural processes of dilution and purification to occur, it is generally recognized that prevention of contamination is far preferable to attempting to clean up contamination. For this reason, the focus of this regulation is on prevention, rather than clean up.

Ground water quality must be protected not just for the next ten or twenty years, but for future generations. This calls for a program to prevent ground water contamination to the greatest extent practical. The intent of this regulation is to establish a framework for overall protection of ground water quality. It is not intended to replace or duplicate existing regulatory programs which are providing protection of ground water adequately. For example, hazardous waste disposal regulatory programs, which are targeted primarily to protect ground water, will continue under the direction of the Bureau of Solid and Hazardous Wastes, and will not be replaced by this regulation.

A great deal of discussion has taken place concerning whether the state should have a policy of non-degradation or anti-degradation of ground water quality. This draft regulation is based on the concept of anti-degradation for the following reasons. Non-degradation means no degradation. While non-degradation may be an appropriate general goal, if this were applied literally, it would mean that no activities of a modern economy could take place, because almost every activity on the land surface can potentially affect the quality of ground water. Obviously this is not a practical approach. A number of states have non-degradation goals, but in actual practice function with an anti-degradation regulatory program. We feel that it is more realistic to adopt an antidegradation policy, recognizing that there will be some effect on ground water from man's activities, but minimizing those effects to acceptable levels. The draft regulation also uses a differential protection approach, providing a higher level of protection to higher quality ground water.

It is the intent of the Bureau of Water Pollution Control to work with local officials in providing data and other assistance, so they may have the information they need to make wise land use decisions to protect high quality aquifers. In areas with very high ground water quality, classified as pristine water, the protection levels to be applied are very stringent, and in effect it will require essentially no discharge of most pollutants from facilities located there. However, we do not intend to officially designate non-degradation areas, as this would essentially prohibit any kind of activity or development. These kinds of decisions are more properly dealt with at the local level through zoning and other land use planning authorities. Public water suppliers, through the wellhead protection program, also have a responsibility to take the necessary measures to protect their water sources in those wellhead protection areas.

In many places in the regulation, discretion is given to the Executive Secretary of the Water Pollution Control Committee to make various judgments and decisions. Some may feel that the Executive Secretary is given too much discretion as compared to the Committee itself. The Committee is the policy and rulemaking body for the water pollution control program in Utah. Most of the day-to-day operation of the water pollution control program is carried out by the Executive Secretary and Bureau staff as delegated by the Committee. However, the Committee retains ultimate authority, and any decision of the Executive Secretary can be reviewed, upon request, by the Committee. A formal hearing may also be requested before the Committee. Except for case-by-case decisions of a policy nature that may require Committee action, most day-to-day regulatory decisions are made by the Executive Secretary.

The draft regulation contains five major sections: 1) ground water quality standards which provide a baseline against which water quality can be compared; 2) a ground water classification system, based on the existing quality of ground water 3) ground water class protection levels, which specifies the ground water quality criteria which must be met in order to be in compliance with the regulation; 4) the ground water classification procedure; and 5) implementation, which specifies activities which require permits, the permitting process, and compliance requirements.

1. Ground Water Quality Standards.

   These standards are numerical criteria which are essentially equivalent to the Maximum Contaminant Levels (MCL's) established by the U.S. Environmental Protection Agency (EPA)for drinking water in the National Primary Drinking Water Regulations as authorized by the federal Safe Drinking Water Act. At the present time, only those constituents for which EPA has promulgated standards are included in this regulation. As EPA establishes additional standards, they will be reviewed and considered for adoption into this regulation.

This procedure of using EPA adopted criteria is followed because of the time and expense in developing standards. If is felt that these standards will protect the water for drinking and most other uses. If it becomes necessary to establish standards for other pollutants or other uses, the Water Pollution Control Committee will utilize the most current and scientifically valid information in establishing a numerical standard. The drinking water standards are not being applied directly to other beneficial uses, but are only used as reference levels. These standards are not intended to be the level to which ground water can be polluted, but are a baseline from which protection levels and numerical criteria will be developed which will be utilized in writing permits and determining compliance with the regulation.

2. Ground Water Classes

The ground water classification system is based on ground water quality. The classification in turn determines the protection level that applies to activities that may discharge to the ground water. It is felt that classification should be based on quality rather than existing use, because it is difficult to predict what use ground water in a particular area may be put to in the future. Where aquifers are classified, it will be based on available data. Until these aquifer classifications occur, however, ground water will be protected to the degree commensurate with current and potential future uses, based on the existing ground water quality. Most of the aquifers in the state will not be classified initially. This does not mean that these waters are unprotected. While an aquifer may not be classified, the ground water in a particular area will be protected through application of the protection levels commensurate with the ground water quality in that particular area. This approach will ensure against ground water being protected at a level less than its water quality would require.

Four major classes of ground water are defined in the regulation (Classes I through IV) and two special use subclasses, Class 1B and 1C. Class 1A, 1B and II waters are classified and protected as drinking water sources, except that Class 1A water, defined as pristine ground water, would have less than 500 mg/l total dissolved solids (TDS), and Class 1B ground water would be considered irreplaceable based on the cost of providing an alternative source of drinking water if the ground water were to become contaminated. Class II ground water includes water up to 3000 TDS. Some may feel that the range of TDS for Class II waters is too broad and provides unnecessary protection to a poor quality ground water. While at the present time water of 3000 mg/l TDS would not be suitable for drinking without expensive treatment or dilution with a better quality water, it is very possible in the future, due to improved technology, that such water may become a source of drinking water. Class III limited use ground water may have TDS levels up to 10,000 mg/l, but according to several federal laws is still considered a potential source of drinking water, therefore it is still protected from chemical contamination to a significant extent. Class III would also apply to any water where one or more of the MCL's are exceeded. In some cases, Class III water may be relatively high quality with just a single MCL exceeded. It may be practical to treat this water to remove the excessive contaminant thereby providing a high quality source of drinking water.

In a Class III area where the TDS may be near 10,000 mg/l, a 25% increase in TDS may result in exceeding the 10,000 mg/l limit. This would be allowed because it would not seem to be wise to discourage an activity from locating in a poor water quality area. Nevertheless, the ground water classification would continue to be Class III.

Aquifers having TDS greater than 10,000 mg/l are considered saline and would not be regulated under this regulation.

Class 1C, ground water considered ecologically important, is intended to protect the quality of surfacing ground water that is necessary for the habitat of aquatic wildlife.

Because 1C ground water must come to the surface before it would have an aquatic wildlife use, the surface water standards for the protection of aquatic wildlife (R448-2) would be applied in the surface water to protect these uses. Any discharge subject to a ground water discharge permit will have to be evaluated for its possible impact on surface water quality at the point where the ground water may come to the surface and on the beneficial uses of that surface water. Because criteria to protect aquatic wildlife are often more restrictive than those for drinking water, special attention must be paid to this use. Permit requirements will be developed on a case-by-case basis.

3. Ground Water Class Protection Levels

The protection levels are criteria which will be applied for activities which may result in a discharge to ground water, and are based generally on percentages of the standards for drinking water.

The concept of establishing protection levels is to provide a determinable methodology for identifying contamination while avoiding destruction of the water's beneficial use. By requiring notification before an MCL is approached, corrective action can be taken before the ground water quality has been degraded to the point that it is no longer suitable for its beneficial use. This approach may appear to some to be relatively stringent, but it is justified by the importance of protecting ground water, and can be supported using currently available technology. It is also an approach that has been successfully utilized in many other states in their ground water protection programs.

The following table summarizes in a general way the protection levels:

Class	TDS	Other Contaminants	
		Not detectable	Detectable
1A	May not increase above 1.1 times background, but not more than 500 mg/l.	May not exceed 0.1 times standard, or the limit of detection, whichever is greater.	May not exceed 0.1 times standard, or 1.1 times background, whichever is greater.
1B	Same as above except TDS may not exceed 2,000 mg/l	Same as above	Same as above
II	May not increase over 1.25 times background, but in no case more than 3000 mg/l	May not exceed 0.25 times standard, or the limit of detection, whichever is greater.	May not exceed 0.25 times standard, or 1.25 times background whichever is greater.
III	May not increase above 1.25 times background.	May not exceed 0.5 times the standard, or the limit of detection, whichever is greater.	May not exceed 0.5 times standard, or 1.5 times background whichever is greater.

In no case can the standards be exceeded for Class I, II, or III, even if the background level is near the standard.

An upper limit of 2,000 mg/l TDS is applied to class 1B, irreplaceable ground water, as this is the current upper regulatory limit for drinking water.

Class IC (ecologically important ground water) standards will be established on a case-by-case basis, as needed. As discussed above, because 1C ground water must come to the surface before it would have an aquatic wildlife use, the surface water standards for the protection of aquatic wildlife (R488-2) would be applied in the surface water to protect these uses. Protection levels would also be established on a case-by-case basis.

Class IV ground water will be protected in accordance with existing regulations of the Underground Injection Control, Utah Pollutant Discharge Elimination System, and Utah Hazardous Waste Management programs.

In most cases the protection levels are low, and in a few cases below levels that can presently be detected by presently available laboratory equipment. Therefore, these standards can be considered as relatively stringent.

The intent of the protection levels is to minimize pollution discharged to ground water. New facilities will be required to apply best available technology to protect ground water, and in most cases designed to contain all pollutants and not allow a discharge.

It is expected that potential dischargers would not look upon the protection levels as a target, but as a boundary to be avoided. Protective measures should be initiated once any increase in contaminant level is indicated. Reaching a protection level indicates a need for immediate action to present further contamination.

4. Ground Water Aquifer Classification

Classification of an aquifer will not be necessary before a ground water discharge permit can be written and issued. In an unclassified area, the entity requesting a permit will be expected to provide data on existing ground water quality in order for the appropriate ground water class to be determined. The permit will then be written based on the appropriate class protection level. Aquifers will be classified by the state as data are compiled.

Where data are available, entire aquifers or parts of aquifers can be formally classified, which will allow everyone to know up front the classification in a particular area.

Aquifers furnishing water to community public drinking water systems with ground water meeting Class 1A criteria will be classified as Class 1A within the well head protection area. Other ground water aquifers of the state will be unclassified. Aquifers will be appropriately classified as data become available.

5. Implementation

The ground water discharge permitting system provides a mechanism to implement the above standards and protection levels. This would be similar in some ways to the current discharge permit system for point source discharges to surface waters. Any person or entity proposing to construct or operate a new facility which could result in a release of contaminants to ground water would be required to apply for and obtain a permit before beginning that activity.

The intent is to require a permit for a facility or activity which, in the normal conduct of the activity or facility, may have a release to ground water. Such facilities as ponds and lagoons lined or unlined, mining operations and heap leach pads, ponds and piles, would be included. It is not the intent to require permits for above ground storage tanks, pipelines, process piping, etc., where a discharge would occur only if there were a break or a spill that would not normally be expected. Spills will not require a permit.

It is not intended that a separate ground water discharge permit would be required if a facility is also required to obtain a construction permit from the Water Pollution Control Committee, or a hazardous waste disposal permit from the Solid and Hazardous Wastes Committee. However, the substantive provisions of this regulation would have to be met before those permits are issued. For example, if a company requests a construction permit from the Committee for construction of a new wastewater disposal facility, the company would have to submit information as required by this regulation, and the requirements of this regulation would be incorporated into that construction permit.

The initial emphasis of the permitting program will be on new facilities. Existing facilities, would not be required immediately to apply for a permit, but would be required to notify the Executive Secretary of the Water Pollution Control Committee of the nature and location of their discharge so an inventory of potential sources of contamination could be developed. As staff resources are available or as problems are apparent, these existing sources will be required to apply for permits as they are so notified by the Executive Secretary.

A new facility is one for which construction or modification begins at least 180 days after the effective date of the regulation. Conversely, an existing facility or activity is defined as one which is in operation, or for which construction begins, within 180 days after the effective date of the regulation. This is to provide a period of time for facilities which are in the planning phase at the time the regulation is adopted to apply for and receive a ground water discharge permit.

For existing facilities which are notified in the future of the need to apply for and receive a ground water discharge permit, a period of time will be negotiated in which to prepare the information for the permit application. The permit conditions will be written on a case-by-case basis, and a schedule for compliance with permit conditions will be negotiated. It is anticipated that the facility will at least apply current technology that is commonly used in similar industries or activities in the country. As permits for existing facilities will probably only be required where there is an existing problem which needs to be addressed, there may be situations which ground water standards are already exceeded and cleanup may be required. In these cases, it is expected that ground water will be returned to background conditions, or to the MCL levels, unless alternate concentration limits are approved.

Exemptions

Because it is not practical to require permits for all activities which pose little or no threat to ground water quality, many activities will be exempt from the permitting requirements. Such activities or facilities would include, for example, clean water discharges, normal residential or agricultural irrigation, application of agricultural chemicals used in accordance with manufacturer's recommendations, septic tank and drainfield systems approved by the local or state health department, natural infiltration, land application, of livestock wastes, and hazardous waste management units permitted under the Utah Hazardous Waste Management Regulations, discharge from flood control systems, small mining operations, small feed lot and dairy operations, wells permitted under the Underground Injection Control permit program, produced water pits or reserve pits regulated by the Division of Oil, Gas, and Mining, storage tanks regulated by the Bureau of Solid and Hazardous Waste, and coal mining facilities regulated by the Division of Oil, Gas, and Mining.

These exempted facilities or activities are exempt only from the requirement to obtain a separate ground water discharge permit. They are not exempt from the prohibition against polluting ground water, and must not violate the levels of protection established in the regulation. The Executive Secretary can require a discharge permit for any facility or activity, exempt or not, if he determines it constitutes a threat to ground water quality.

Application for Permit

The application for a ground water discharge permit must include sufficient information to describe the extent and quality of the ground water, the quality of the discharge, how the discharge will be controlled so as to meet protection levels (including appropriate engineering plans and specifications), the proposed inspection and monitoring plans to ensure compliance with the permit conditions, and a contingency plan to bring the facility into compliance should there be a release of contaminants beyond that allowed in the permit. For existing facilities, there would have to be a plan to remedy violations of standards which may have resulted from discharges occurring prior to issuance of the ground water discharge permit.

The Executive Secretary may choose to publish a Notice of Intent to Approve, and provide 30 days for public comment, before issuing the permit, but this is not a requirement.

Alternate Concentration Limits

In very limited situations, the Water Pollution Control Committee may approve alternative concentration limits which may be less stringent than the standards or the protection levels. For new facilities this would be considered only in Class III ground water areas and where it is determined to be in the best interest of the State. For example, if it was found in a particular area that it was highly unlikely that the ground water could or would ever be put to beneficial use, and that the benefits would outweigh any cost or damages, then an alternate concentration limit could be approved if requested. However, this is expected to be a very rare situation. If it is felt that such a request has merit, at least one public hearing would be held in the area affected, and the approval must be given by the Water Pollution Control Committee in a scheduled meeting.

Permit Term

The ground water discharge permit would have a term of no more than 5 years, at which time the permit would be reviewed. This term would also apply to the ground water section of a construction permit. The permit will be automatically extended for another 5 year term if no changes are needed. If limited staff resources does not allow a full review of an expiring permit, it will be automatically extended. If a permit expires without official action to renew or extend a permit, the original permit will remain in effect until it is reviewed or extended.

Monitoring and Compliance

For a permitted facility, there will normally be points of compliance where monitoring wells will be located. These compliance monitoring points will be as close as practicable to the source of discharge to ground water. It will normally be the responsibility of the permittee to do monitoring at the monitoring wells to determine permit compliance. It is the intent of the State, within resource capabilities, to spot check by sampling monitoring wells on a random basis.

If monitoring at a facility reveals that the permit limits are being exceeded, it will be the responsibility of the owner to immediately take action to correct the violations and to take whatever corrective action may be necessary to clean up the ground water. Determination of compliance or non-compliance will be based on a statistical evaluation of the data available, as explained in the regulation.

When permit conditions are violated, the State has authority to take compliance actions, including the issuing of orders and the assessment of penalties. According to Section 26-11-13, Utah Code Annotated, penalties can be up to $10,000 per day of violation.

The question has arisen concerning violations of the standards or protection levels where there is no single identifiable source of contamination. This would be analogous to nonpoint source pollution in surface waters. We know that there may be some general degradation of ground water quality from general surface activity. It is not the intent of this regulation to attempt to regulate all such activities. However, if water quality monitoring shows that contamination is occurring in a particular area, that would be a trigger signaling the need to undertake studies to determine, the sources of contamination, and develop management programs to change activities to the extent feasible to minimize or eliminate the problem. This would be especially important in drinking water source recharge areas.

Fiscal Impact

Upon implementation there will be costs associated with an initial reporting requirement for facilities and/or activities discharging to ground water and subsequent costs for existing facilities and new facilities that pose a threat of contaminating ground water.

The ground water regulations are structured to prevent ground water contamination through control or elimination at the source. In this manner the entities responsible for the pollution bear the cost of its control or elimination. The responsible entity may either pass the costs on to their customers with a relatively small increase in the cost of their goods or services distributed over a large user base or absorb the cost.

If ground water contamination is not prevented, then even greater cost will occur due to use of alternative supplies of water, additional treatment of water prior to use or increased health costs because of exposure of the populace to contaminants. Each of these has serious drawbacks in shifting the cost and burden of responsibility to the public at large or to a public agency. This results in the ultimate costs being carried by the public and the taxpayers.

After-the-fact cleanup of ground water is very expensive and rarely very successful in restoring the ground water to prior beneficial uses. The cleanups are usually directed at containing the spread of contaminants present in the ground water. To determine the success of these efforts usually requires continued long-term monitoring of ground water quality.

The most significant benefit derived from the implementation of ground water protection regulations is the protection of human health and the environment. This includes the prevention of long-term illness and associated medical care costs and insurance premiums; increased productivity; and the reduction of human suffering. The environmental benefits include the protection of a valuable resource for the present and future generations for their use and enjoyment.

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R448-6 Ground Water Quality Protection

R448-6-1 Definitions

1.1 "Aquifer" means a geologic formation, group of geologic formations or part of a geologic formation that contains sufficiently saturated permeable material to yield useable quantities of water to wells and springs.

1.2 "Background Concentration" means the concentration of a pollutant in ground water upgradient from a facility, practice or activity, and which has not been affected by that facility, practice or activity.

1.3 "Best Available Technology" means the application of design, equipment, work practice, operation standard or combination thereof, at a facility to effect the maximum reduction of a pollutant achievable by available processes and methods taking into account energy, public health, environmental and economic impacts and other costs.

1.4 "Committee" means the Utah Water Pollution Control Committee.

1.5 "Community Drinking Water System" means a public drinking water system which serves at least fifteen service connections used by year-round residents or regularly serves at least twenty-five year-round residents.

1.6 "Comparable Quality (Source)" means a potential alternative source of water supply which has the same general quality as the source with the same types of contaminants and same relative concentrations.

1.7 "Comparable Quantity (Source)" means an alternative source capable of reliably supplying water in quantities sufficient to meet the year-round needs of the users served by the ground water source.

1.8 "Compliance Monitoring Point" means a well located where ground water is monitored to determine compliance with applicable ground water quality standards and protection levels.

1.9 "Contaminant" means any physical, chemical, biological or radiological substance or matter in water.

1.10 "Conventional Treatment" means normal and usual treatment of water for distribution in public drinking water supply systems including flocculation, sedimentation, filtration, disinfection and storage.

1.11 "Discharge" means the release of a pollutant directly or indirectly into subsurface waters of the state.

1.12 "Existing Facility" means a facility or activity that was in operation or under construction within 180 days after the effective date of this regulation.

1.13 "Economically Infeasible" means the cost to the typical water user for replacement water would exceed the community's ability to pay.

1.14 "Executive Secretary" means the Executive Secretary of the Utah Water Pollution Control Committee.

1.15 "Facility" means any building or contiguous group of buildings, or structures and any processing, handling or storage equipment or activity.

1.16 "Gradient" means the change in total water pressure head per unit of distance.

1.17 "Ground Water" means subsurface water in the zone of saturation including perched ground water.

1.18 "Ground Water Quality Standards" means numerical contaminant concentration limits adopted by the Committee for the protection of the subsurface waters of the State.

1.19 "Infiltration" means the movement of water through the pores of rock, soil or sediment.

1.20 "Institutional Constraints" means legal or other restrictions that preclude replacement water delivery and which cannot be alleviated through administrative procedures or market transactions.

1.21 "Limit of Detection" means the concentration of a chemical below which it can not be detected using currently accepted sampling and analytical techniques for drinking water as determined by the U.S. Environmental Protection Agency.

1.22 "New Facility" means a facility or activity for which construction or modification is initiated 180 days or more after the effective date of these regulations.

1.23 "Person" means any individual, corporation, partnership, association, company or body politic, including any agency or instrumentality of the United States Government.

1.24 "Point of Discharge" means the outermost location at which effluent or leachate has been stored, applied, disposed of, or discharged; for a diked facility, the outermost edge of the dikes.

1.25 "Pollutant" means dredged spoil, solid waste, incinerator residue, sewage, sewage sludge, garbage, munitions, trash, chemical waste, biological material, radioactive material, heat, wrecked or discarded equipment, rock, sand, or any industrial, municipal or agricultural waste discharged into waters of the state.

1.26 "Pollution" means such contamination, or other alteration of the physical, chemical, or biological properties of any waters of the State, or such discharge of any liquid, gaseous, or solid substance into any waters of the state as will create a nuisance or render such waters harmful or detrimental or injurious to public health, safety, or welfare, or to domestic, commercial, industrial, agricultural, recreational, or other legitimate beneficial uses, or to livestock, wild animals, birds, fish or other aquatic life.

1.27 "Protection Level" means a percentage of a ground water quality standard or background concentration or a contaminant concentration limit based upon the ground water class used for establishing performance standards for a facility or activity that discharges or may discharge to ground water.

1.28 "Substantial Treatment" means treatment of water utilizing specialized treatment methods including ion exchange, reverse osmosis, electrodialysis and other methods needed to upgrade water quality to meet standards for public water systems.

1.29 "Total Dissolved Solids (TDS)" means the quantity of dissolved material in a sample of water which is determined by weighing the solid residue obtained by evaporating a measured volume of a filtered sample to dryness; or for many waters that contain more than 1000 mg/l, the sum of the chemical constituents.

1.30 "Radius of Influence" means the radial distance from the center of a well bore to the point where there is no lowering of the water table or potentiometric surface because of pumping of the well; the edge of the cone of depression.

1.31 "Upgradient" means a point located hydraulically above a facility such that the ground water at that point has not been impacted by the facility.

1.32 "Vadose Zone" means the zone of aeration including soil and capillary water. The zone is bound above by the land surface and below by the water table.

1.33 "Water Table" means the top of the saturated zone of a body of unconfined ground water at which the pressure is equal to that of the atmosphere.

1.34 "Water Table Aquifer" means an aquifer extending downward from the water table to the first confining bed.

1.35 "Waters of the State" means all streams, lakes, ponds, marshes, water courses, water ways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, which are contained within, flow through, or border upon this state or any portion thereof; except bodies of water confined to and retained within the limits of private property, and which do not develop into or constitute a nuisance or a public health hazard, or a menace to fish and wildlife, shall not be considered to be "waters of the state" under this definition.

1.36 "Wellhead Protection Area" means the surface and subsurface area surrounding a water well or wellfield supplying a public water system, through which contaminants are reasonably likely to move toward and reach such water well or well field (Safe Drinking Water Act Amendments of 1986).

1.37 "Zone of Influence" means the area contained by the outer edge of the drawdown cone of a water well.

R448-6-2 Ground Water Quality Standards

The following Ground Water Quality Standards as listed in Table I are adopted for protection of ground water quality.

Table 1

Ground Water Quality Standards

Parameter	Miligrams per liter (mg/l) unless noted otherwise and based on analysis of filtered sample except for Mercury and organic compounds
Physical Characteristics	
Color (units)	15.0
Corrositivity (characteristic)	noncorrosive
Odor (threshold number)	3.0
pH (units)	6.5-8.5
Inorganic Chemicals	
Fluoride	2.4
Foaming agents	0.5
Nitrate (as N)	10.0
Metals	
Arsenic	0.05
Barium	1.0
Cadmium	0.01
Chromium	0.05
Copper	1.0
Lead	0.05
Mercury	0.002
Selenium	0.01
Silver	0.05
Zinc	5.0
Organic Chemicals	
Pesticides	
2, 4-D	0.1
Endrin	0.0002
Lindane	0.004
Methoxychlor	0.1
Toxaphene	0.005
2, 4, 5-TP Silvex	0.01
Volatile Organic Chemicals	
Trichloroethylene	0.005
Carbon tetrachloride	0.005
Vinyl chloride	0.002
1, 2 - Dichloroethane	0.005
Benzene	0.005

1, 1 - Dichloroethylene	0.007
1, 1, 1 - Trichloroethane	0.200
para - Dichlorobenzene	0.075

Other Organic Chemicals

Trihalomethanes	0.1

Radionuclides

The following are the maximum contaminant levels for Radium-226 and Radium-228, and gross alpha particle radioactivity:
Combined Radium-226 and Radium-228.....5pCi/l.
Gross alpha particle activity, including radium-226 but excluding Radon and Uranium 15.....pCi/l.
Beta particle and photon radioactivity from man-made radionuclides:
The average annual concentration of beta particle and photon radioactivity from man-made radionuclides shall not produce an annual dose equivalent to the total body or any internal organ greater than four millirem/year.
Except for the radionuclides listed in the table below, the concentration of man-made radionuclides causing four millirem total body or organ dose equivalents shall be calculated on the basis of a two liter per day drinking water intake using the 168 hour data listed in "Maximum Permissible Body Burden and Maximum Permissible Concentration Exposure", NBS Handbook 69 as amended August 1962, U.S. Department of Commerce. If two or more radionuclides are present, the sum of their annual dose equivalent to the total body or to any organ shall not exceed four millirem/year.

Average annual concentrations assumed to produce a total body or organ dose of four millirem/year.

Radionuclide	Critical Organ	pCi per liter
Tritium	Total Body	20,000
Strontium-90	Bone Marrow	8

R448-6-3 Ground Water Classes

3.1 GENERAL

The following ground water classes are established: Class IA - Pristine Ground Water; Class IB - Irreplaceable Ground Water; Class IC - Ecologically Important Ground Water; Class II - Drinking Water Quality Ground Water; Class III - Limited Use Ground Water; Class IV - Saline Ground Water and Unclassified.

3.2 CLASS IA - PRISTINE GROUND WATER

Class IA ground water has the following characteristics:

A. The ground water has total dissolved solids of less than 500 mg/l.

B. The ground water does not have concentrations of any contaminants that exceed the ground water quality standards listed in Table 1.

3.3 CLASS IB - IRREPLACEABLE GROUND WATER

Class IB ground water has the following characteristics: ground water is a source of water for a community public drinking water system for which no reliable supply of comparable quality and quantity is available because of economic or institutional constraints.

3.4 CLASS IC - ECOLOGICALLY IMPORTANT GROUND WATER

Class IC ground water has the following characteristics: the Class IC area is a source for ground water discharge important to the continued existence of wildlife habitat.

3.5 CLASS II - DRINKING WATER QUALITY GROUND WATER

Class II ground water has the following characteristics:

A. The ground water has total dissolved solids less than 3000 mg/l.

B. The ground water does not have concentrations of any contaminants that exceed ground water quality standards in Table 1.

3.6 CLASS III - LIMITED USE GROUND WATER

Class III ground water has one or both of the following characteristics:

A. the ground water has total dissolved solids greater than 3000 mg/l and less than 10,000 mg/l, or;

B. The ground water has contaminants that exceed the ground water quality standards listed in Table 1.

3.7 CLASS IV - SALINE GROUND WATER

Class IV ground water has the following characteristics:

A. The ground water has total dissolved solids greater than 10,000 mg/l.

B. The ground water may have contaminants that exceed the ground water quality standards listed in Table 1.

3.8 UNCLASSIFIED GROUND WATER

Unclassified designates ground water that has not been classified as Class I through Class IV. The quality of ground water will be protected to a degree commensurate with current and probable future uses as determined by the existing ground water quality in unclassified areas.

R448-6-4 Ground Water Class Protection Levels

4.1 GENERAL

A. The ground water class Protection Levels set ground water numerical criteria for the conduct of activities that discharge or may discharge to ground water. The class Protection Levels utilize site-specific ground water quality numerical values that are: a percentage of established ground water quality standards or background concentrations; or a limit on contaminant concentration.

B. For the physical characteristics and radionuclides listed in Table 1, the values listed are the protection levels for all ground water classes.

C. All persons constructing or installing facilities or conducting activities that discharge or may discharge to ground water must meet the ground water quality numerical criteria for the ground water that may be adversely affected by the discharge.

4.2 CLASS IA PROTECTION LEVELS

A. Class IA ground water will be protected to the maximum extent feasible from degradation due to activities that discharge or may discharge to ground water.

B. The following protection levels will apply:

1. Total dissolved solids may not increase above 1.1 times the background value.

2. In no case will the total dissolved solids increase above 500 mg/l.

3. When a contaminant is not present in a detectable amount as a background concentration, the concentration of the contaminant may not exceed 0.1 times the ground water quality standard value, or exceed the limit of detection whichever is greater.

4. When a contaminant is present in a detectable amount as a background concentration, the concentration of the contaminant may not exceed 1.1 times the background concentration or exceed 0.1 times the ground water quality standard whichever is greater.

5. In no case will the concentration of a contaminant be allowed to exceed the ground water quality standard.

4.3 CLASS IB PROTECTION LEVELS

A. Class IB ground water will be protected as an irreplaceable source of drinking water.

B. The following protection levels will apply:

1. Total dissolved solids may not increase above 1.1 times the background value and can not exceed 2000 mg/l.

2. When a contaminant is not present in a detectable amount as a background concentration, the concentration of the contaminant may not exceed 0.1 times the ground water quality standard, or the limit of detection whichever is greater.

3. When a contaminant is present in a detectable amount as a background concentration, the concentration of the contaminant may not exceed 1.1 times the background concentration or exceed 0.1 times the ground water quality standard whichever is greater.

4. In no case will the concentration of a contaminant be allowed to exceed the ground water quality standard.

4.4 CLASS IC PROTECTION LEVELS

Class IC ground water will be protected as a source of water for potentially affected wildlife habitat. Limits on increases of total dissolved solids and organic and inorganic chemical compounds will be determined on a case-by-case basis to meet appropriate surface water standards.

4.5 CLASS II PROTECTION LEVELS

A. Class II the ground water will be protected for use as drinking water or other similar beneficial use with conventional treatment prior to use.

B. The following protection level will apply:

1. Total dissolved solids may not increase above 1.25 times the background value.

2. In no case will the total dissolved solids increase above 3000 mg/l.

3. When a contaminant is not present in a detectable amount as a background concentration, the concentration of the contaminant may not exceed 0.25 times the ground water quality standards value, or exceed the limit of detection whichever is greater.

4. When a contaminant is present in a detectable amount as a background concentration, the concentration of the contaminant may not exceed 1.25 times the background concentration or exceed 0.25 times the ground water quality standard whichever is greater.

5. In no case will the concentration of a contaminant be allowed to exceed the ground water quality standard.

4.6 CLASS III PROTECTION LEVELS

A. Class III ground water will be protected as a potential source of drinking water, after substantial treatment, and as a source of water for industry and agriculture.

B. The following protection levels will apply:

1. Total dissolved solids may not increase above 1.25 times the background concentration level.

2. When a contaminant is not present in a detectable amount as a background concentration, the concentration of the contaminant may not exceed 0.5 times the ground water quality standard, or the limit of detection whichever is greater.

3. When a contaminant is present in a detectable amount as a background concentration, the concentration of the contaminant may not exceed 1.5 times the background concentration or exceed 0.5 times the ground water quality standard whichever is greater.

4. In no case will the concentration of a contaminant be allowed to exceed the ground water quality standard. If the background concentration exceeds the ground water quality standard no increase will be allowed.

4.7 CLASS IV PROTECTION LEVELS

Class IV ground water will be protected in accordance with existing regulations of the Underground Injection Control, Utah Pollutant Discharge Elimination System and Utah Hazardous Waste Management programs.

4.8 PROTECTION LEVELS FOR UNCLASSIFIED

The ground water protection levels for unclassified ground water areas will be determined by the existing ground water quality within a 2-mile radius of the facility or activity.

R448-6-5 Ground Water Classification for Aquifers

5.1 GENERAL

A. When sufficient information is available, entire aquifers may be classified by the Water Pollution Control Committee according to the quality of ground water contained therein and commensurate protection levels will be applied.

B. Ground water sources furnishing water to community public drinking water systems with ground water meeting Class IA criteria are classified as Class IA within the well head protection area.

5.2 CLASSIFICATION AND RECLASSIFICATION PROCEDURE

A. The Committee may initiate classification or reclassification.

B. Individuals, companies, cities, counties, state agencies, federal agencies and state regulated public water suppliers may petition the Committee for classification and reclassification.

C. Boundaries for class areas will be delineated so as to enclose distinct ground water classes as nearly as known facts permit. Boundaries will be based on hydrogeologic properties, existing ground water quality and for Class IB and IC, current use. Parts of an aquifer may be classified differently.

D. The petitioner requesting reclassification will provide sufficient information to determine if reclassification is in the best interest of the beneficial users.

E. The petition for classification and reclassification will include:

1. factual data supporting the change in classification;
2. a description of the proposed ground waters to be reclassified;
3. potential contamination sources;
4. ground water flow direction;
5. current beneficial uses of the ground water; and
6. location of all water wells in the area to be reclassified.

F. One or more public hearings will be held to receive comment on classification and reclassification proposals.

G. The Committee will determine the disposition of all petitions for classification and reclassification.

R448-6-6 Implementation

6.1 DUTY TO APPLY FOR A GROUND WATER DISCHARGE PERMIT

A. All persons who construct, modify, install, or operate any new facility, not exempt as specified in Section 6.2, which stores, discharges or would probably result in a discharge of pollutants that may move directly or indirectly into ground water, including, but not limited to land application of wastes; waste storage pits; waste storage piles; landfills and dumps; large feedlots; mining, milling and metalurgical operations, including heap leach facilities; and pits, ponds, and lagoons whether lined or not, must apply to the Executive Secretary of the Committee for an approved ground water discharge permit at least 180 days before any discharge. A ground water discharge permit must be obtained prior to commencement of construction and/or operation of the new facilities.

B. All persons who construct, modify, install, or operate any existing facility, including facilities under construction, not exempt as specified in Section 6.2, which stores, discharges or would probably result in a discharge of pollutants that may move directly or indirectly into ground water, including, but not limited to land application of wastes; waste storage pits; waste storage piles; landfills and dumps; large feedlots; and mining, milling metalurgical operations, including heap leach facilities; and pits, ponds, and lagoons whether lined or not, must submit a notification of the nature and location of the discharge to the Executive Secretary within 180 days following the effective date of these Regulations and must submit an application for a ground water discharge permit within one year after receipt of written notice from the Executive Secretary that a ground water discharge permit is required.

6.2 EXEMPTIONS FROM GROUND WATER DISCHARGE PERMIT

A. The following except under the provisions of section R448-6-6.2(B) do not require a ground water discharge permit under this section:

1. facilities with effluent or leachate which has been demonstrated to the satisfaction of the Executive Secretary to conform to the ground water quality standards and protection levels or do not contain any contaminant that may present a threat to human health, the environment or its potential beneficial uses. The Executive Secretary may require samples be analyzed for the presence of contaminants before the effluent or leachate discharges directly or indirectly into ground water.

If the discharge is by seepage through natural or altered natural materials, the Executive Secretary may require samples of the solution be analyzed for the presence of pollutants before or after seepage;

2. water used for watering of lawns, gardens, or chrubs or for irrigation for the revegetation of a disturbed land area except for the direct land application of wastewater;

3. application of agricultural chemicals including fertilizers, herbicides, insecticides fungicides, rodenticides and fumigants when used in accordance with current scientifically based manufacturer's recommendations for the crop, soil, and climate and in accordance with state and federal statutes, regulations, permits, and orders adopted to avoid ground water contamination;

4. water used for irrigated agriculture except for the direct land application of waste water from municipal, industrial or mining facilities;

5. discharge from flood control systems located in urbanized areas including detention basins, catch basins and wetland treatment facilities used for collecting or conveying storm water runoff;

6. natural ground water seeping or flowing into conventional mine workings which re-enters the ground by natural gravity flow prior to pumping or transporting out of the mine and without being used in any mining process;

7. leachate which results entirely from the direct natural infiltration of precipitation through undisturbed materials;

8. wells permitted under the underground injection control (UIC) program;

9. land application of livestock wastes, within expected crop nitrogen uptake;

10. individual subsurface wastewater disposal systems approved by local health departments or large subsurface wastewater disposal systems approved by the Committee;

11. produced water pits, built, operated, regulated and maintained under Sections R615-9-1 through R615-9-9 of the Oil and Gas Conservation General Rules of the Division of Oil, Gas, and Mining;

12. reserve pits regulated under Section R615-3-16 of the Oil and Gas Conservation General Rules by the Division of Oil, Gas, and Mining;

13. storage tanks installed or operated under regulations adopted by the Utah Solid and Hazardous Waste Committee;

14. coal mining facilities regulated under the Coal Mining and Reclamation Act by the Utah Division of Oil, Gas, and Mining;

15. hazardous waste management units permitted under the Utah Hazardous Waste Management Regulations;

16. facilities or portions of facilities with active ground water remediation programs conducted under the Resources Conservation and Recovery Act or Comprehensive Environmental Response, Compensation and Liability Act;

17. feedlots not in excess of the "criteria of number only" as specified in section R448-8-3.5(5)(a) for NPDES permits;

18. mining, or processing or milling facilities handling less than 10 tons per day of metallic and/or nonmetallic ore and waste rock;

19. pipelines and above-ground storage tanks; and,

20. facilities which the Executive Secretary determines after a review of the application will have a de minimus actual or potential effect on ground water quality.

B. The submission of an application for a ground water discharge permit may be required for any exempted discharge if it is determined that the discharge may be causing or is likely to cause violations of the ground water quality standards or protection levels.

6.3 APPLICATION REQUIREMENTS FOR A GROUND WATER DISCHARGE PERMIT APPROVAL

A. Unless otherwise determined by the Executive Secretary, the application for approval of a permit to discharge wastes or pollutants to ground water shall include, but is not limited to, the following complete information:

1. the name and address of the owner and operator of the project and the name and address of the operator if different than the owner. A corporate application must be signed by the officers of the corporation. The name and address of the contact, if different than above, and telephone numbers for all listed names shall be included;

2. the legal location of the facility by county, quarter-quarter section, township, and range;

3. the name of the project or facility and the type of operation, facility, or development, including the expected project life;

4. a plat map showing all wells, water bodies, drainages, natural or man-made structures and water usage within a one-mile radius of the discharge. The plat map must show the location and depth of existing or proposed wells to be used for monitoring ground water quality;

5. geologic, hydrologic, and agricultural description of the area of review, including topography, soil types, aquifers, ground water flow direction, ground water quality, aquifer material, and well logs. The hydrologic description must include a projected area of influence;

6. the type, source, and chemical, physical, radiological, and toxic characteristics of the effluent or leachate to be discharged; the average and maximum daily amount of effluent of leachate discharged (gpd), the discharge rate (gpm), and the expected concentrations of any contaminant (mg/l) listed in the ground water quality standards in each discharge or combination of discharges. If more than one discharge point is used, information for each point must be given individually;

7. information which shows that the discharge can be controlled and will not migrate into or adversely affect the quality of any other waters of the state, including the applicable surface water quality standards, that the discharge is compatible with the receiving ground water, and that the discharge will comply with the ground water quality standards and class protection level;

8. for areas where the ground water has not been classified by the Committee, information on the quality of the receiving ground water sufficient to determine the applicable protection levels;

9. a proposed monitoring plan, which includes a description, where appropriate, of the following:

a. ground water monitoring to, at a minimum, determine ground water flow direction and gradient, background quality at the site, and the quality of ground water at the compliance monitoring point;

b. the installation, use and maintenance of monitoring devices;

c. the description of the compliance monitoring area defined by the compliance monitoring points including the dimensions and hydrologic and geologic data used to determine the dimensions;

d. monitoring of the vadose zone;

e. measures to prevent ground water contamination after the cessation of operation, including post-operational monitoring;

f. monitoring well construction and ground water sampling which conform to A Guide to the Selection of Materials for Monitoring Well Construction and Ground Water Sampling, (1983) and RCRA Ground Water Monitoring Technical Enforcement Guidance Manual (1986), unless otherwise specified by the Executive Secretary;

g. description and justification of parameters to be monitored.

10. the plans and specifications relating to construction, modification, and operation of discharge systems;

11. a description of the ground water most likely to be affected by the discharge, including water quality information of the receiving ground water prior to discharge, a description of the aquifer in which the ground water occurs, the depth to the ground water, the saturated thickness, flow direction, porosity, hydraulic conductivity, and flow systems characteristics;

12. a distance to the nearest well, the use and the water quality of that well, and a listing of all water wells within a 2-mile radius of the area of review and the status of each;

13. a compliance sampling plan which includes provisions for sampling of effluent and for flow monitoring, to determine the volume and chemistry of the discharge onto or below the surface of the ground and a plan for sampling monitoring wells and appropriate nearby water wells including the parameters to be sampled. Sampling and analytical methods must conform with the following references and analysis performed by certified laboratories unless otherwise specified by the Executive Secretary:

a. Standard Methods for the Examination of Water and Wastewater, sixteenth edition, 1985;

b. E.P.A. Methods,Methods for Chemical Analysis of Water and Wastes, 1983;

c. Techniques of Water Resource Investigation of the U.S. Geological Survey, (1982);

d. Federal Register, latest methods published for monitoring pursuant to 40 CFR parts 141 and 142, 1975-1987, Primary Drinking Water Regulations and 40 CFR parts 264 and 270, including Appendix IX, July 9, 1987;

e. National Handbook of Recommended Methods for Water-Data Acquisition, GSA-GS edition;

f. Manual of Analytical Methods for the Analysis of Pesticide in Humans and Environmental Samples, 1980;

14. a description of the flooding potential of the discharge site, including the 100-year flood plan, and any applicable flood protection measures;

15. a contingency plan for bringing the facility into compliance if permitted allowable limits are exceeded;

16. the methods and procedures for inspections of the facility operations and for detecting failure of the system; and,

17. for any existing source, a corrective action plan or identification of other response measures to be taken to remedy any violation of ground water quality standards which has resulted from discharges occurring prior to issuance of a ground water discharge permit.

6.4 ISSUANCE OF DISCHARGE PERMIT

A. The Executive Secretary shall issue a ground water discharge permit for a new facility provided it is determined that:

1. The applicant demonstrates that the ground water quality standards and protection levels will be met or the Water Pollution Control Committee has approved an alternate concentration limit as described in section R448-6-6.4(B). If the applicant requests approval to discharge a contaminant for which no ground water quality standard is established, the Executive Secretary shall, on a case by case basis, establish in the permit a discharge limit for that contaminant necessary to protect the public health and the environment;

2. the monitoring plan, sampling and reporting requirements are adequate to determine compliance with applicable requirements;

3. the applicant is using best available treatment and methods to minimize any discharge of a contaminant; and,

4. there is no impairment of present and future beneficial uses of the ground water.

B. The Water Pollution Control Committee may approve an alternate concentration limit for a new facility if:

1. The applicant submits a petition for an alternate concentration limit showing the extent to which the discharge will exceed the ground water standards or applicable protection levels and demonstrates that:

a. the facility is to be located in an area of Class III ground water;

b. the discharge plan incorporates the use of best available technology;

c. the alternate concentration limit is justified based on substantial overriding social and economic benefits; and,

d. the discharge would pose no threat to human health and the environment.

2. The application has been forwarded to the Executive Secretary for review and recommendation; and

3. one or more public hearings have been held by the Committee in nearby communities to solicit comment.

C. The Executive Secretary shall issue a ground water discharge permit for an existing facility provided it is determined that:

1. the applicant demonstrates that the ground water quality standards and protection levels can be met or the Water Pollution Control Committee has approved an alternate concentration limit as described in section R448-6-6.4(D). If the applicant is discharging a contaminant for which no ground water quality standard is established, the Executive Secretary shall, on a case by case basis, establish in the permit a discharge limit for that contaminant necessary to protect the public health and the environment;

2. the monitoring plan, sampling and reporting requirements are adequate to determine compliance with applicable requirements;

3. the applicant utilizes treatment and discharge minimization technology commensurate with plant process design capability and similar or equivalent to that utilized by facilities that produce similar products or services with similar production process technology; and,

4. there is no current or anticipated impairment of present and future beneficial uses of the ground water.

D. The Water Pollution Control Committee may approve an alternate concentration limit for a pollutant in ground water at an existing facility if the applicant for a ground water discharge permit shows the extent the discharge exceeds the ground water standards and applicable protection levels and demonstrates that:

1. steps are being taken to correct the source of contamination. This shall include a program and timetable for completion;

2. the pollution poses no threat to human health and the environment; and

3. the alternate concentration limit is justified based on overriding social and economic benefits.

6.5 NOTICE OF INTENT TO APPROVE

If determined to be appropriate or necessary, by the Executive Secretary, a notice of intent to approve shall be published in a newspaper in the affected area. The notice of intent shall include a description of the project and any permit conditions and shall allow 30 days in which interested persons may comment. Final action will be taken by the Executive Secretary following the 30-day comment period.

6.6 PERMIT TERM

A. The permit term will run for 5 years from the date of issuance. Permits may be renewed for 5 year periods or extended for a period to be determined by the Executive Secretary but not to exceed 5 years.

B. In the event that new ground water quality standards are adopted by the Water Pollution Control Committee, permits may be reopened to extend the terms of the permit or contaminants covered by the new standards. Holder of a permit may apply for a variance under the conditions outlined in paragraph R448-6-6.4(D).

6.7 GROUND WATER DISCHARGE PERMIT RENEWAL

The owner and operator of a ground water discharge facility must apply for a renewal or extension for a ground water discharge permit at least 180 days prior to the expiration of the existing permit. If a permit expires before an application for renewal or extension is acted upon by the Executive Secretary, the permit will continue in effect until it is renewed, extended or denied.

6.8 TERMINATION OF A GROUND WATER DISCHARGE PERMIT BY THE EXECUTIVE SECRETARY

A ground water discharge permit approval may be terminated or a renewal denied by the Executive Secretary if one of the following applies:

A. noncompliance by the owner and operator with any condition of the approved permit where the owner or operator has failed to take appropriate action in a timely manner to remedy the permit violation;

B. the owner's and operator's failure in the application or during the permit approval process to disclose fully all relevant facts at any time;

C. a determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by plan modification or termination; or

D. a change in any condition that requires either a temporary or permanent reduction or elimination of any discharge controlled by the plan.

6.9 POINTS OF COMPLIANCE

A. The Executive Secretary may issue a ground water discharge permit that includes compliance monitoring points where ground water quality standards and class protection levels are to be met. The distance to the compliance monitoring points must be as close as practical to the point of discharge.

B. The Executive Secretary may adjust the location of the compliance monitoring point depending upon the hydrology, type of contaminants, and other factors that may affect the ground water quality. In no event shall the compliance monitoring point be beyond the property boundaries of the permitted facility, or be located within the radius of influence of any beneficial use water supply.

6.10 BACKGROUND WATER QUALITY DETERMINATION

A. Background water quality contaminant concentrations shall be determined and specified in the ground water discharge permit.

B. A monitoring plan to determine background water quality shall be submitted to the Executive Secretary for approval prior to data collection. Any existing information or data may be accepted by the Executive Secretary as adequate, provided it is demonstrated that the data properly determines background water quality. No less than 2 up-gradient wells are required for each potential discharge site.

C. Facilities submitting applications for ground water discharge permit approval after the effective date of these rules shall at a minimum collect four ground water samples from each applicable well over a six-month period with no two samples taken in the same month. The arithmetic mean plus one standard deviation of the sample data shall represent background water quality at the time of permit issuance.

D. Thereafter, background water quality contaminant concentrations shall be updated to reflect natural fluctuations in concentrations by including applicable up-gradient, on-site ground water monitoring data for the ground water quality permit monitoring report.

6.11 NOTICE OF COMMENCEMENT AND DISCONTINUANCE OF GROUND WATER DISCHARGE OPERATIONS

A. The owner and operator shall orally notify the Executive Secretary of the ground water discharge date immediately upon commencement of discharge and submit a written notice within 30 days.

B. The owner and operator shall orally notify the Executive Secretary of the date and reason of discontinuance of ground water discharge within 10 days and shall submit a written notice confirming the oral report within 30 days. If a discontinuance is due to a spill, leak, or other accidental release, the Executive Secretary must be notified immediately.

6.12 PERIODIC SUBMISSION OF MONITORING REPORTS

Reports of results obtained pursuant to any monitoring requirements in the discharge permit and the methods used to obtain these results shall be periodically submitted to the Executive Secretary according to the schedule specified in the approved ground water discharge permit.

6.13 REPORTING OF MECHANICAL PROBLEMS OR DISCHARGE SYSTEM FAILURES

The operator of a ground water discharge facility shall immediately notify the Executive Secretary of any mechanical or discharge system failures. A written statement confirming the oral report shall be submitted to the Executive Secretary within 30 days.

6.14 CORRECTION OF ADVERSE EFFECTS REQUIRED

If monitoring or testing indicates that the permit conditions may be or are being violated by ground water discharge operations, the owner and operator of the discharge operations shall promptly make corrections to the system to cease violations of the discharge permit. The owner and operator may be required to take immediate corrective action to clean up the ground water.

6.15 DETERMINATION OF PROBABLE OUT-OF-COMPLIANCE STATUS

A. Determination of probable out-of-compliance status shall be based on the sample value for any one ground water contaminant that exceeds the permitted allowable limit, within the established laboratory quality assurance, in any one sample from the compliance monitoring point.

B. An accelerated schedule of monitoring is required upon determination of probable out-of-compliance status. The accelerated schedule requires monthly or other periodic sampling as determined by the Executive Secretary of the compliance monitoring point for the water contaminant for two months or until the facility is brought into compliance.

6.16 OUT-OF-COMPLIANCE STATUS

A. Out-of-compliance status shall be based upon two consecutive samples which exceed the permitted allowable limit by two standard deviations as calculated for the ground water contaminant at the compliance monitoring point or statistically higher concentrations in the compliance monitoring point over that of the permitted allowable limit. The statistical significance shall be determined using the statistical methods described in Statistical Methods for Evaluating Ground Water Monitoring Data from Hazardous Waste Facilities, vol. 53, No. 196 of the Federal Register, Oct. 11, 1988.

6.17 PROCEDURE WHEN A FACILITY IS OUT-OF-COMPLIANCE

A. If a facility is out of compliance the following is required:

1. The permittee or responsible party shall notify by telephone the Executive Secretary within 24 hours after detection, followed by a written notice within 5 days.

2. The permittee or responsible party shall institute an accelerated monitoring schedule requiring at least monthly sampling for two months and monthly sampling thereafter or on a sampling schedule determined by the Executive Secretary until the facility is brought into compliance.

3. The permittee or responsible party shall prepare and submit within 30 days to the Executive Secretary a plan and time schedule for assessment of the source, extent and potential dispersion of the contamination, and the evaluation of potential remedial action to restore and maintain ground water quality and insure that the ground water quality standards will not be exceeded at the compliance monitoring point.

4. The Executive Secretary may require immediate implementation of the contingency plan submitted with the original ground water discharge permit in order to regain and maintain compliance with the standards at the compliance monitoring point.

6.18 GROUND WATER DISCHARGE PERMIT TRANSFER

A. The owner and operator of a ground water discharge facility which is operating pursuant to an approved discharge permit shall give written notice to the Executive Secretary of intention to transfer the ground water discharge permit, by sale or other ownership transfer of the facility within 30 days of the change of ownership.

B. The notice shall include a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them.

6.19 ENFORCEMENT

A. These regulations are subject to enforcement under Section 26-11-16 of the Utah Water Pollution Control Act.

6.20 HEARING AND APPEALS

A. Any person who:

1. is denied an exemption by the Executive Secretary under paragraphs 1 and 20, of exemptions from ground water discharge permit;

2. objects to a discharge limit established by the Executive Secretary;

3. objects to conditions or limitations proposed or established by the Executive Secretary in the discharge permit; or

4. objects to monitoring, sampling, information, or other requests or requirements made by the Executive Secretary;

may request a hearing before the Committee for review of that issue or decision.

B. Any person who is denied a permit or whose permit is proposed to be terminated or revoked by the Executive Secretary may appeal that decision to the Executive Director of the Department of Health pursuant to Section 26-11-13(2).

KEY: Water Pollution, Ground Water
1989

1156p

APPENDIX B

DRILLING RECORDS

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-101-88 Page: 1 of 2

Driller & Company: Ed Adams, SERGENT HAUSKINS & BECKWITH

Geologist/Logger & Company: J. Bacchus WESTON Signature: [illegible]

Date Boring Started: 2-22-88 Completed: 2-22-88

Water Levels (from Ground Surface) SEE NOTE Drilling Rig: "Hollow Stem Auger"

First Encountered: Date:

While Drilling: Date:

NOTE: MOIST @ 9.5'-10.0', DAMP @ 19.5'-21.0' & MOIST @ 29.5'-31.0'.

At Boring Completion: Date:

Drilling Shifts:

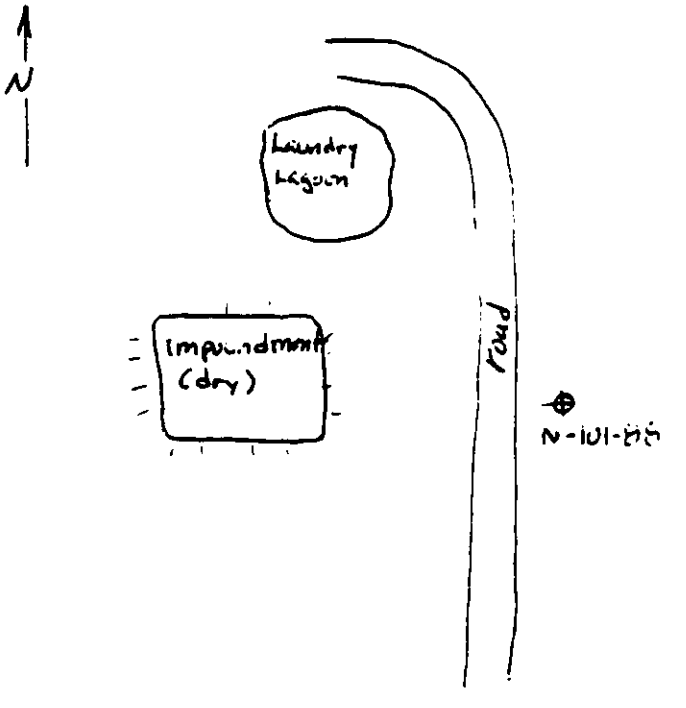
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
17 FEB 90	1300	1354	0.0	31.0					

Abbreviations:

Abbr	Meaning
NP	non plastic
NAB	No apparent bedding

Colors from Munsell Soil Color Chart

Location Sketch:



Project:	Boring:	Page: 2 of 2

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0	SP	Sand: light brown, 10YR 6/3, medium grained; rounded; non plastic (NP); loose slightly moist; no apparent bedding (NAB) Alluvial lake deposit.			
5					
10		Sand; light gray, 10YR 7/2, medium grained NP, Subrounded, loose, moist. Bedding approximately ½" thick, iron stains at bedding surfaces. Alluvial lake deposit		9/9/10	9.5' 11.'
15					
20	SC	Clayey Sand; light brown, 10YR 7/2. 25% clay, low plasticity. loose, moist, very fissile, Subangular Alluvial lake deposit.		9/9/9	19.5 21
25					
30	SC	Clayey Sand, 10% clay; light gray 10YR 7/2; Subrounded, low plasticity, slightly stiff, slightly dense, moist, fissile. Alluvial lake deposit		3/6/10	29.5 31
35					
40		Clayey Sand; 20% clay dark gray. 10YR 4/1 low plasticity, slightly stiff, moist. ½" beds with iron stains at bedding surfaces.		4/3/3	39.5 41
45					
50	CL	Sandy Clay bands of light gray. 10YR 7/2 & dark gray 5Y 4/1. 30% Sand, Subrounded NAB. Slightly plastic, med stiff, dry. Alluvial lake deposit			49.5' drilled to 49.5' Sampled to 51.0'

12/5/12 51'

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-102-88 Page: 1 of 2

Driller & Company: Ed Adams, Sergent, Hauskins & Beckwith

Geologist/Logger & Company: John Bacchus - WESTON Signature: [illegible]

Date Boring Started: 2-23-88 Completed: 2-23-88

Water Levels (from Ground Surface) See Note below Drilling Rig: —

First Encountered: Date:

While Drilling: Date:

Note: Damp @ 19.5'-21.0'
Moist @ 24.5'-26.0'
Moist to wet @ 34.5'-36.0'
Damp @ 39.5'-41.0'

At Boring Completion: Date:

Drilling Shifts:

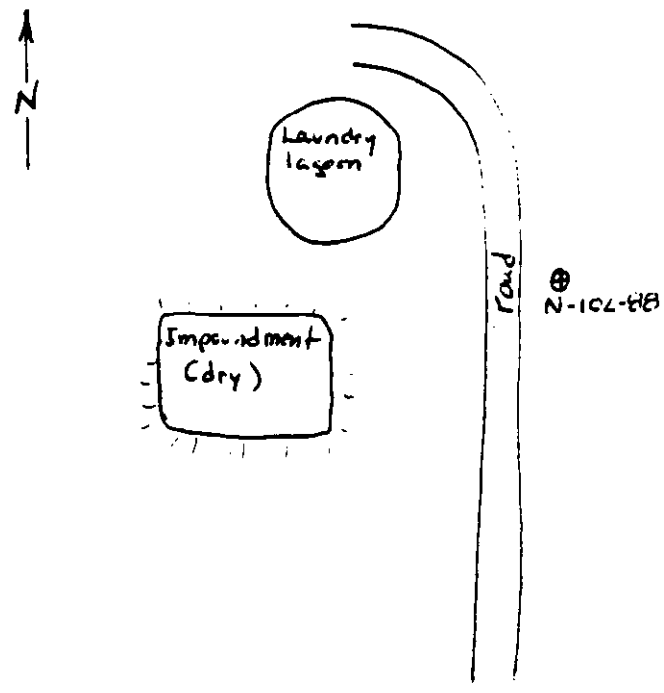
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
23Feb90	1050	1202	0.0	41.0					

Abbreviations:

Abbr	Meaning
NP.	Non plastic
NOB	No apparent bedding

Colors from Munsell Soil Color Chart

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-102-88 | Page: 2 of 2

Depth/ Elevation ft.	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
	SP	Sand, dark brown, 10YR 4/1, fine grained, Subrounded; NP; loose, moist, NAB. Alluvial lake deposit			
5		Sand, as above, except medium dense		7/8/11	4.5 6
10		Sand, as above		11/12/15	5.5 11
15		Sand, as above, except dry		11/7/12	14.5 16
20		Clayey Sand, light brown 10YR 6/3 trace (5-15%) clay. Subangular, slightly plastic, medium dense, moist, fissile. Alluvial lake deposit		4/5/7	19.5 21
25		Clayey Sand, as above, except dark yellowish brown		5/7/9	24.5 26.0
		Estimated perched water zone at 28ft.			
30				4/5/7	29.5 31
35	SC	Clayey Sand, as above, except moist to wet.		12/8/7	34.5 37
40		30% Sand; med plasticity, med stiff, damp. fissil, NAB		3/4/5	39.5 41.0
45					
50					

drilled to 39.5', sampled to 41.0'

BORING LOG GENERAL DATA

Project: USA THAMA N-TEAD Boring: N-103-68 Page: 1 of 2

Driller & Company: Ed. Adams, Sergent, Hauskins, Beckwith

Geologist/Logger & Company: John Bacchus · Weston Signature: [illegible]

Date Boring Started: 2-23-88 Completed: 2-23-88

Water Levels (from Ground Surface) See note below Drilling Rig:

First Encountered: Date:

While Drilling: Date:

Note: Moist @ 14.5'-16.0', Damp @ 19.5'-21.0', Moist to wet @ 24.5'-26.0', Wet @ 29.5'-31.0', Moist @ 34.5-36.0'

At Boring Completion: Date:

Drilling Shifts:

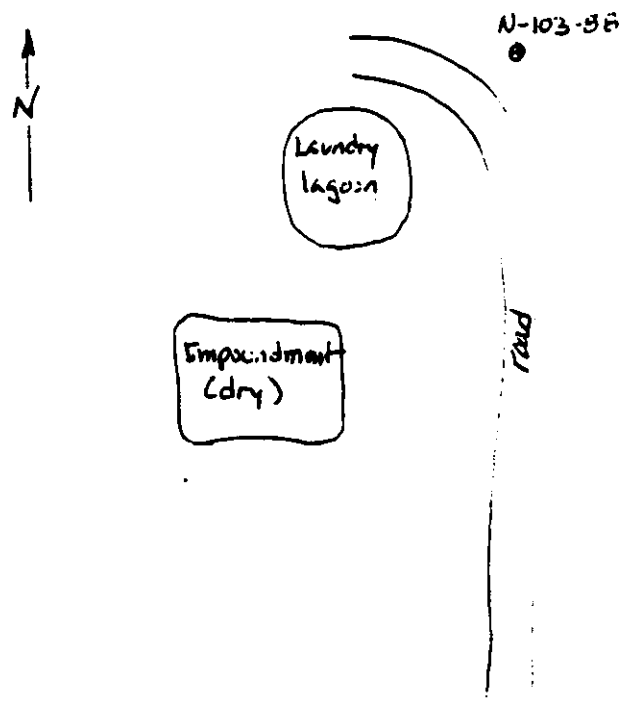
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
2311-890	1440	1550	0.0	36.0					

Abbreviations:

Abbr	Meaning
NP.	Nonplastic
pl	plasticity - plastic
NAB	No apparent bedding
mod	moderate

Colors from Soil Color Chart.

Location Sketch:



Project: USATHAMA N-TEAD	Boring: N-103-88	Page: 2 of 2

Depth/ Elevation (ft)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0	SP.	Sand: brown, 7.5 YR 4/2 Subangular n.p. loose, moist, NAB. Alluvial lake deposit.			
5		Sand; light brown, 10YR 6/3; fine grained. Subangular. NP. loose, dry. NAB. Alluvial lake deposit.		4.5' 5/10/12 6'	
10		Sand, same as above.		9.5' 5/10/13 11'	
15		Sand, same as above, except moist		14.5' 6/7/7 16'	
20	SC	Clayey Sand, yellowish brown 2.5YR 6/4 25% clay, Subangular, slightly pl, moderately dense, NAB.		19.5' 5/6/7 21.0'	
25		Clayey Sand, as above; except moist.		24.5 3/3/4 26	
30	CL	Sandy Clay: brown 7.5 YR 4/2. 40% Sand - Subangular mod. pl. Stiff, wet. NAB Alluvial lake deposit		29.5' 2/3/2 31'	
35	SC	Clayey Sand, yellowish brown 2.5Y 6/4, 30% clay. Subangular, mod pl, dense, moist, fissile Alluvial lake deposit.		5/10/13	drilled to 34.5 ft Sampled to 36.0 ft.
40					
45					
50					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-104-88 Page: 1 of 2

Driller & Company: Ed Adams, Sergent Hauskins Beckwith

Geologist/Logger & Company: John Bacchus, WESTON Signature: [signature]

Date Boring Started: 2-25-88 Completed: 2-25-88

Water Levels (from Ground Surface) See note below Drilling Rig:

First Encountered: Date:

While Drilling: 24 ft Date: 2-25-88

NOTE: Slightly damp @ 14.0—15.5'
Moist @ 19.0—21.5'
Water @ 24.0'
Moist @ 29.5-30.5

At Boring Completion: Date:

Drilling Shifts:

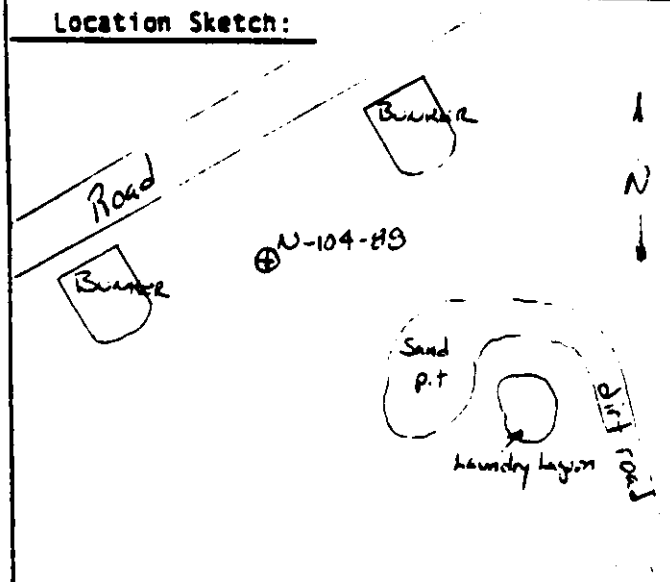
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
25 Feb 90	1155	1314	0.0	35.5					

Abbreviations:

Abbr	Meaning
NP.	non plastic
PI -	plastic, plasticity
NAB -	No apparent bedding.

Colors from Munsell Color Chart

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-104-88 | Page: 2 of 2

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0					
5	SP	Sand: light brown, 7.5YR 6/4 dry, dark brown, moist. Subrounded, loose, n.p NAB; wet in upper 1.5', dry in lower 1ft. Alluvial lake deposit		4/5/9	4.5 6
10	SP	Sand: light brown, 7.5YR 6/4; 10% clay 5% silt: Subangular, n.p. loose, dry, NAB.		9/10/13	9.5 11
15	SC	Silty Sand: light brown; 5% clay, 20% silt. Angular, firm, NP. NAB Alluvial lake deposit		4/4/6	14.5 16
20	SC	Clayey Sand; yellowish brown, 10YR 5/4 20% clay, 10% silt. Angular, low pl, Slightly dense, NAB. Alluvial lake deposit		6/7/8	19.5 21
25	▲	Clayey Sand, as above, very wet.		5/5/6	24.5 26.0
30	CL	Sandy Clay. 30% Sand, 10% silt. yellowish brown 10YR 5/4. Subrounded, hight pl, soft, moist, NAB. Alluvial lake deposit		3/3/4	29.5 31.
35	SC	Sand, 10% clay: light brown interbedded with dark brown, 10YR 3/3: subrounded low pl. loose, dry, uneven bedding. Alluvial lake deposit.		4/4/5	34.5 36. Drilled to 34.5ft Sampled to 36.0ft
40					
45					
50					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-105-88 Page: 1 of

Driller & Company: Ed Adams; Sergant, Hawkins, Beckwith

Geologist/Logger & Company: John Barchus WESTON Signature: [signature]

Date Boring Started: 2-26-88 Completed: 2-26-88

Water Levels (from Ground Surface) See note below Drilling Rig:

First Encountered: Date:

While Drilling: Date:

NOTE: 19.0'-20.5' moist to wet

At Boring Completion: Date:

Drilling Shifts:

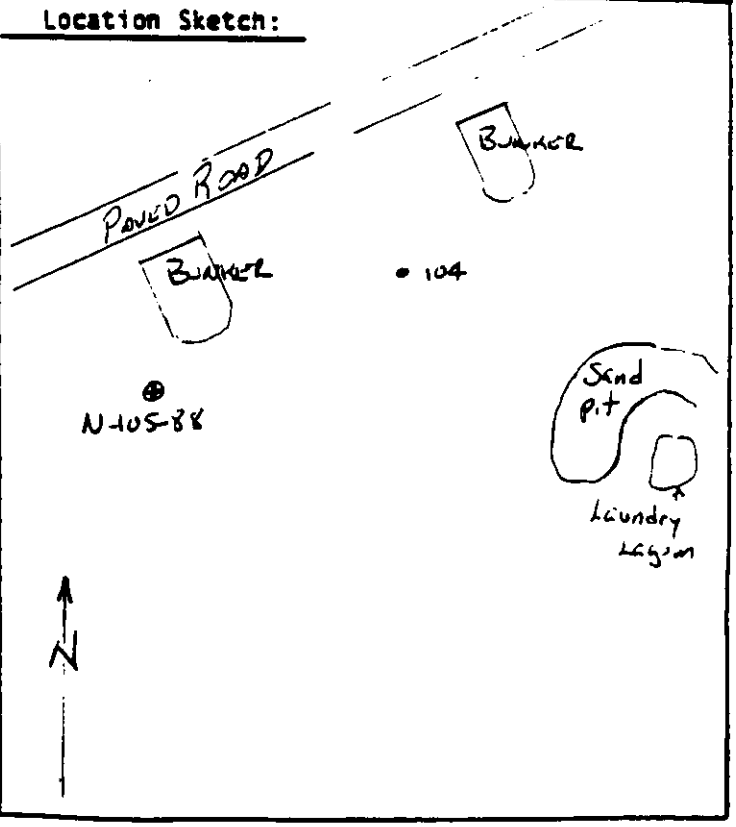
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
26feb90	0758	0900	0.0	25.5'					

Abbreviations:

Abbr	Meaning
NP	Non plastic
PI	plasticity
NAB	No apparent bedding

Colors from Munsell color chart

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-105-BB | Page: of

Depth/ Elevation (ft)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0					
5	SC	Silty Sand, 20% silt, light brown 7.5YR6/4, angular, low pl. loose, dry, NAB		5/6/8 (4.0'–5.5')	
10		Silty Sand, as above, except iron stained		9/10/12 (7.0'–10.')	
15	SC	Sandy Silt, 30% Sand, light brown 7.5YR6/4, Angular. N.P, Slightly dense, NAB. Alluvial lake deposit. (water table due to cutting).		6/8/10 (14.0'–15.5')	
20		Same as above, except some large pebbles and is moist to wet.		7/7/7 (19–20.5)	
25		Same as above, except dry		14/17/17 (24–25.5)	drilled to 24 ft sampled to 25.5 ft
30					
35					
40					
45					
50					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-106-88 Page: 1 of 2

Driller & Company: Ed Adams Sergeant, Hauskins & Beckwith

Geologist/Logger & Company: J. Bachus WESTON Signature: [signature]

Date Boring Started: 2-26-88 Completed: 2-26-88

Water Levels (from Ground Surface) See note below Drilling Rig:

First Encountered: Date:

While Drilling: Date:

Note: 29.5'-30.5' wet sand of 6 inches.

At Boring Completion: Date:

Drilling Shifts:

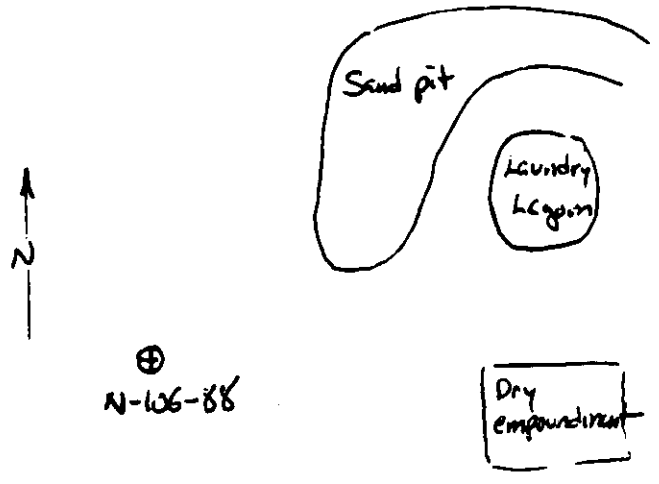
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
26 Feb 90	1115	1334	0.0	45.5'					

Abbreviations:

Abbr	Meaning
NP	Nonplastic
PI	Plasticity
NAB	No apparent bedding

Colors from Munsell soil color chart.

Location Sketch:



Project: USA THAMA N-TEAD | Boring: N-106-88 | Page: 2 of 2

Depth/ Elevation (ft)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0					
5	SC	Silty Sand, light brown 7.5YR 6/4, 30% Silt. Subangular, NP, loose, dry NAB.		4/4/4 (4 – 5.5)	
10		Same as above, except iron staining and slightly moist.		4/6/8 (9 – 10.5)	
15		Same as above, except 45% Silt.		5/6/7 (14 – 15.5)	
20	MH	Sandy Silt; light brown 7.5YR 6/4; 10% Sand, Subangular; NP, loose, dry, NAB; Alluvial lake deposit.		5/6/8 (19 – 20.5)	
25		Sandy Silt, as above, except slightly moist.		14/14/9 (24 – 25.5)	
30		Sandy Silt, as above, except 6in. wet zone about 30ft. down.		8/7/9 (29 – 30.5)	
35	CH	Clay, light brown, 7.5YR 6/4, with yellowish brown stain, stiff, highly pl NAB; very moist. Alluvial lake deposit.		10/11/11 (34 – 35.5)	
40	ML	Clayey Silt, 25% clay, 10% Sand, olive gray, 5Y 4/2, with reddish brown mottling, dense, pl NAB, very moist Alluvial lake deposit		9/10/9 (39 – 40.5)	
45		Sandy Silt; olive gray 5Y 4/2; 30% Sand, loose, NP, NAB; slightly moist, Alluvial lake deposit.		19/20/28 (44 – 45.5)	Drilled to 44ft Sampled to 45.5ft.
50					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-107-88 Page: 1 of 2

Driller & Company: Ed Adams ; Sergent, Houskins, Beckwith

Geologist/Logger & Company: John Bacchus, WESTON Signature: [signature]

Date Boring Started: 2-26-88 Completed: 2-26-88

Water Levels (from Ground Surface) See note below Drilling Rig:

First Encountered: Date:

While Drilling: Date:

NOTE: Moist @ 19.0'-20.5'
wet @ 24.0'

At Boring Completion: Date:

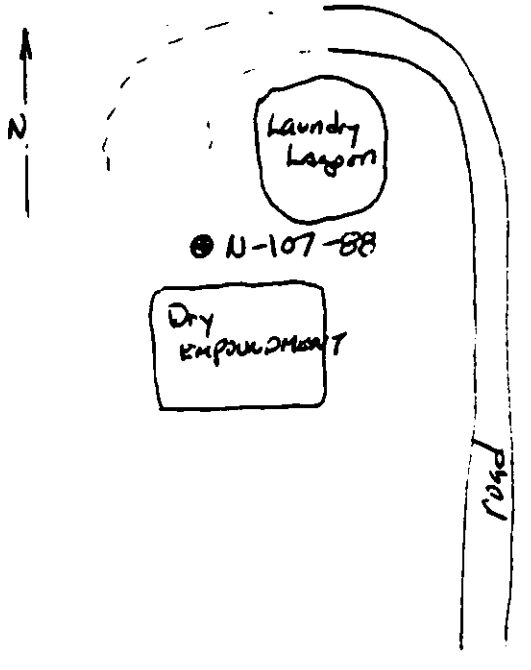
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
26Feb90	1424	1540	0.0	35.5'					

Abbreviations:

Abbr	Meaning
pl	plasticity, plastic
NAB	No apparent bedding

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-107-88 | Page: 2 of 2

Depth/ Elevation (Ft.)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0					
5	CS	Silty Sand, light brown, 7.5YR 6/4; 20% silt, subangular, low pl, NAB; loose, dry.		7/6/6 (4 – 5.5)	
		Silty Sand, same as above		5/5/4 (9 – 10.5)	
10	MH	Sandy Silt. Light brown, 7.5YR 6/4; 10% sand - subangular; low pl, loose, dry; NAB, Alluvial lake deposit		4/5/6 (14 – 15.5)	
15					
		Same as above		4/4/7 (19 – 20.5)	
20					
		Same as above, except wet		7/6/6 (24 – 25.5)	
25					
		Sandy Silt; same as above		7/6/6 (29 – 30.5)	
30					
		Sandy Silt; same as above, except slightly moist.		7/7/7 (34 – 35.5)	Drilling to 34 ft. Sampled to 35.5 ft.
35					
40					
45					
50					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-108-88 Page: 1 of 2

Driller & Company: Ed Adams: SURGENT, HOUSKINS & BETKWITH

Geologist/Logger & Company: John Bacchus, WESTON Signature: [signature]

Date Boring Started: 2-27-88 Completed: 2-27-88

Water Levels (from Ground Surface) See note below Drilling Rig:

First Encountered: Date:

While Drilling: Date:

Note: Driller said water encountered @ 27'

At Boring Completion: Date:

Drilling Shifts:

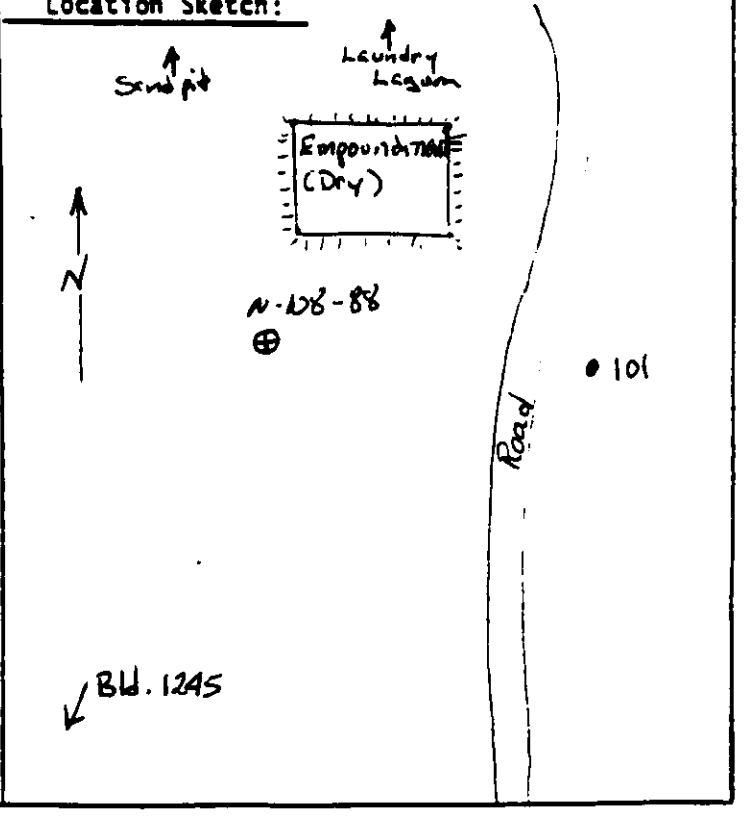
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
27 Feb 90	1310	1417	0.0	35.5'					

Abbreviations:

Abbr	Meaning
NP	Non plastic
P'	plasticity
NAB	No apparent bedding

Colors from Munsell Color Chart

Location Sketch:



Project:	Boring:	Page: 2 of 2

Depth/ Elevation (ft)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0					
5	SC	Silty Sand; 20% silt; light brown 7.5YR 6/4, fine grained, subangular; NP, loose, dry, NAB,		3/4/6	4.0' 5.5'
10		Silty Sand; as above, except 15% silt and medium to fine sand.		6/8/10	9.0' 10.5'
15	MH	Sandy Silt; light brown, 7.5YR 6/4; 30% fine sand, subangular; NP, loose dry; horizontal laminations. Alluvial lake deposit.		6/9/7	14.' 15.5'
20		Sandy Silt; as above, except 40% sand, moist to dry.		5/4/6	19 20.5
25		Sandy Silt; as above, except moist.		4/7/8	24 25.5
		(water table, determined through cutting and sound of the rig.)			
30	SC	Silty Sand, dark brown 7.5YR 4/2, 15% silt; fine to med grained, subangular; NP; loose, slightly moist; NAB. Alluvial lake deposit		6/7/9	29 30.5
35		Silty Sand; AS ABOVE		7/8/4	34 35.5
40					
45					
50					

Drilled to 34 ft
Sampled to 35.5 ft.

BORING LOG GENERAL DATA

Project: USA THAMA N-TEAD Boring: N-109-88 Page: 1 of 2

Driller & Company: Ed Adams; Sergeant Houskins & Beckwith

Geologist/Logger & Company: J. Bacchus; Weston Signature:

Date Boring Started: 2-28-88 Completed: 2-28-88

Water Levels (from Ground Surface) Drilling Rig:

First Encountered: 26 ft Date: 2-28-88

While Drilling: Date:

At Boring Completion: Date:

Drilling Shifts:

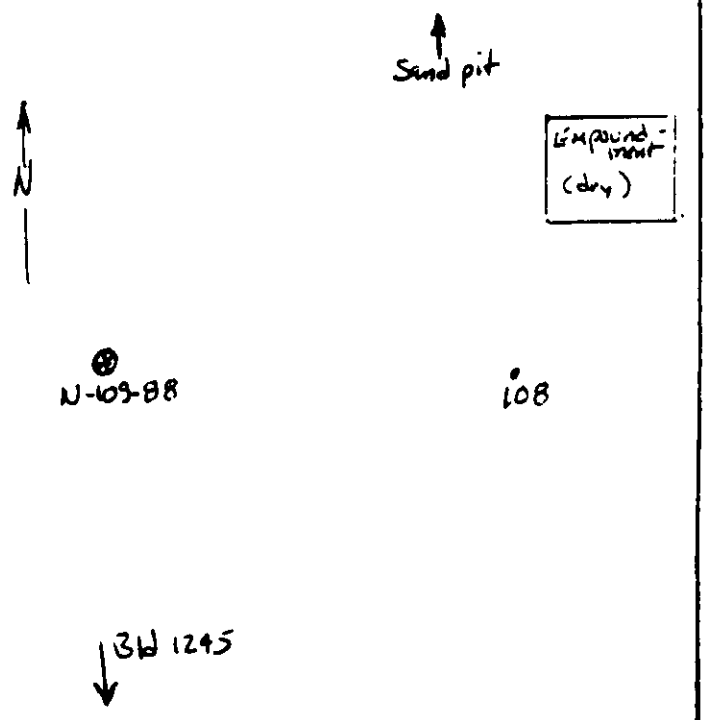
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
28 Feb 88	1000	1130	0.0	35.5'					

Abbreviations:

Abbr	Meaning
NP	Non plastic
NOB	No apparent bedding

Colors from Munsell color chart.

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-109-88 | Page: 2 of 2

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0 ft					
5	SC	Silty Sand, 20% Silt; light brown 7.5YR 6/4, Subangular. NP. loose moist, NAB		4/9	4 5
10		Silty Sand, as above, except 10% Silt and more moist		7/8/13	9.0 10.5
15	MH	Sandy Silt; 40% Sand, light brown 7.5YR 6/4 NP. Stiff, slightly moist. faint horizontal bedding. Alluvial lake deposit.		8/8/3	14 15.5
20	SC	Silty Sand, 10% Silt; light gray 10YR 7/1, with yellowish brown stain, 10YR 5/4. Subrounded; NP. loose, slightly moist, NAB -- Alluvial lake deposit.		7/9/8	
25	MH	Sandy Silt; 30% Sand; light gray 10YR 7/1; with yellowish brown stain NP; moist; loose; uneven bedding.		6/8	24 25
		(water table by cuttings and sound of the rig)			
30		Sandy Silt, as above, except very moist		28/40/55	29 30.5
35	MH	Sandy Silt, 20% Sand; light gray, 10YR 7/1 with yellish brown stain, 10YR 5/4, Sand: Subangular. NP, slightly moist. thin uneven bedding Alluvial lake deposit			34 35
40					
45					
50					

Drilled to 34 ft
Sampled to 35 ft

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-110-88 Page: 1 of 8

Driller & Company: Marty Peterson; DAVIS DRILLING

Geologist/Logger & Company: Joe Fitts; WESTON Signature: [illegible]

Date Boring Started: 8/2/88 Completed: 8/4/88

Water Levels (from Ground Surface) Drilling Rig: Chicago Pneumatic

First Encountered: Date:

While Drilling: Date:

Static 302', 8/5/88, 08:05AM, 18 hrs after drilling stopped
304 8/9/88 at 12:45PM
- installed well

At Boring Completion: Date:

Drilling Shifts:

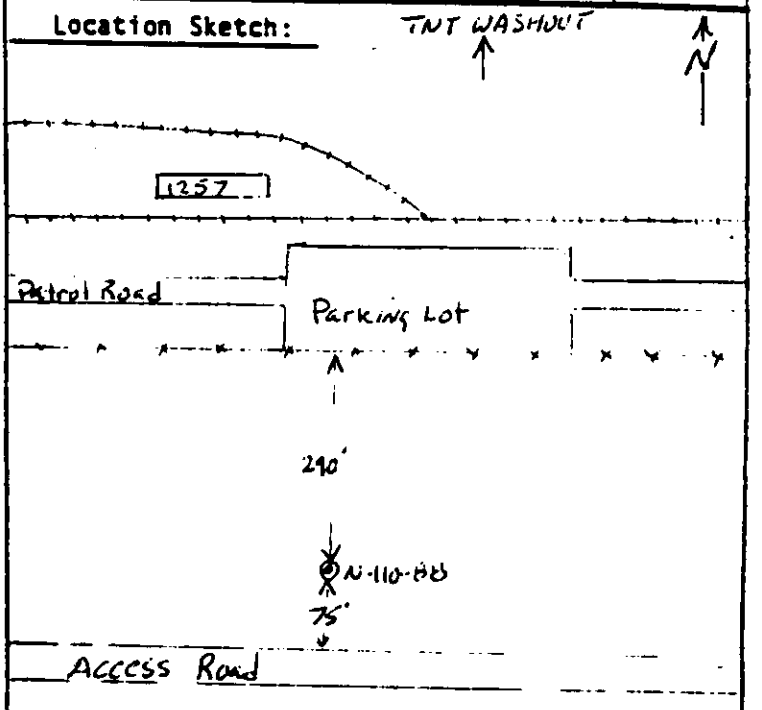
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
8/2/88	8:00AM	5:00PM	0'	105'					
8/3/88	7:00AM	2:30PM	105	165'					
8/4/88	7:00AM	2:30PM	165'	320					
				Stopped					

Abbreviations:

Abbr	Meaning
SS	Split spoons
trace	0-15%
Some	15-30%
Np	non plastic
V	very
pl	plasticity
med	medium

NOTES: Split spoons were pushed, no blow counts available
Samples allowed to dry before assigning color, via Munsell soil color chart.
rotary air 0-33'
rotary air with water 33-165'
rotary air 165-320'

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-110-88 | Page: 2 of 8

Depth/ Elevation ft.	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data HNU b.g. = 0.2
	SP	Sand; trace silt. 10YR 7/2, light gray. N.P dry, subrounded, poorly graded, fine, lake deposit.			
5			001		
	ML	Silt; some sand, v. fine, subrounded, poorly graded, 10YR 7/2 · light gray N.P dry, lake deposit, oxidation.			
10			002		SS
	ML	Silt; trace sand, v fine, subrounded poorly graded, 10YR 8/3 · v pale brown. N.P. dry, lake deposit.			
15					
20			003		HNU = 0.2
25					
30		Same, but oxidation	004		SS
35					
40		Same silt, trace sand	005		HNU = 0.2
45		Same	006		SS
50					

Project: USATHAMA N-TEAD	Boring: N-110-88	Page: 3 of 8

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50					HNU=0.2
55	ML	Clayey Silt (some clay) 10YR 7/3 (v. pale brown), v. low pl dry, lake deposit.			
60			007		SS
65					
70					HNU=0.2
75	CL	Clay, 2.5Y 6/2 light brownish gray low turned pl dry, lake deposit.	008		SS
80					
85			009		no more SS
90	GW	Sandy Gravel; some well graded, Subrounded Sand 10YR 7/3 (v pale brown) Gravel is well graded. N.P. subrounded lake deposit	010		
95	ML	Sandy Silt, some well graded u fine Subrounded Sand, 10YR 7/3 (v. pale brown) N.P dry, lake deposit	011		unable to retrieve much sample
100		over for description	012		HNU=0.2

Project: USATHAMA N-TEAD	Boring: N-110-88	Page: 4 of 8

Depth/ Elevation (ft)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100	GW	Gravel, 10YR 8/2 (white) N.P. well graded (up to 3") subrounded to subangular gravels, lake deposit			
105	GP	Sandy gravel, 10YR 7/4 (v. pale brown) Some well graded, angular sand, fine to med angular gravel. Lake deposit.			
110			013		
	GM	Silty Gravel, 10YR 7/4 (v. pale brown) Some silt, Subangular fine to med gravel. Lake deposit.	014		
115	GM	Silty Gravel: Trace clay, Some silt. Subangular fine to med gravel 10YR 7/4 (v. pale brown). Lake deposit	015		
120	GM	Silty gravel, trace clay, more silt than above, Subrounded well graded gravel (10YR 8/1 (white)	016		
125	GP	Sandy gravel, 10YR 6/3 (pale brown) Some well graded subangular to subrounded sand, N.P. gravel is well graded subangular to subrounded lake deposit			
130					
135					
140			017		
		Bedrock Tuff, olive gray dry.			
145					
150					

Project: USATHAMA N-TEAD	Boring:	Page: 5 of 8

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		Tuff.			
155					
160					
165			019		drilling with air - not adding water
170					
175					
180					hard drilling
185			020		
190					
195					
200					

Project: USATHAMA N-TEAD	Boring: N-110-88	Page: 6 of 8

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200		Tuff.	021		
205					
210			022		
215					
220			023		
225					
230			024		
235					
240			025		
245					
250					

Project: USATHAMA N-TEAD	Boring: N-110-83	Page: 7 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250		Tuff.	026		
255					
260			027		
265					
270			028		
275					
280					
285			029		V. hard drilling 283'-284' Sl. moist ≈285'-300
290			030		
295					
300					

Project: USATHAMA	Boring: N-110-BB	Page: 8 of 8

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
300		Tuff	031		dry cuttings
305					
310			032		
315					
320					Stopped drilling
325					

BORING LOG GENERAL DATA

Project: N-TEAD USATHAMA Boring: N-111-88 Page: 1 of 8

Driller & Company: MARTI PETERSON OF DAVE'S DRILLING LIC # 405

Geologist/Logger & Company: DOUGLAS E. PERRY OF RFW KAREN D HULLINGER WESTON Signature: Douglas E. Perry Karen D Hullinger

Date Boring Started: 880317 Completed: 880330

Water Levels (from Ground Surface) 60' - PUNCHED Drilling Rig: CP-7000

First Encountered: 60' (perched) Date: 3/19

While Drilling: 206-210' (gravelly sand) dried up quick Date: 3/28

318'-326' 3/29

At Boring Completion: 311.7' Date: MARCH 1988

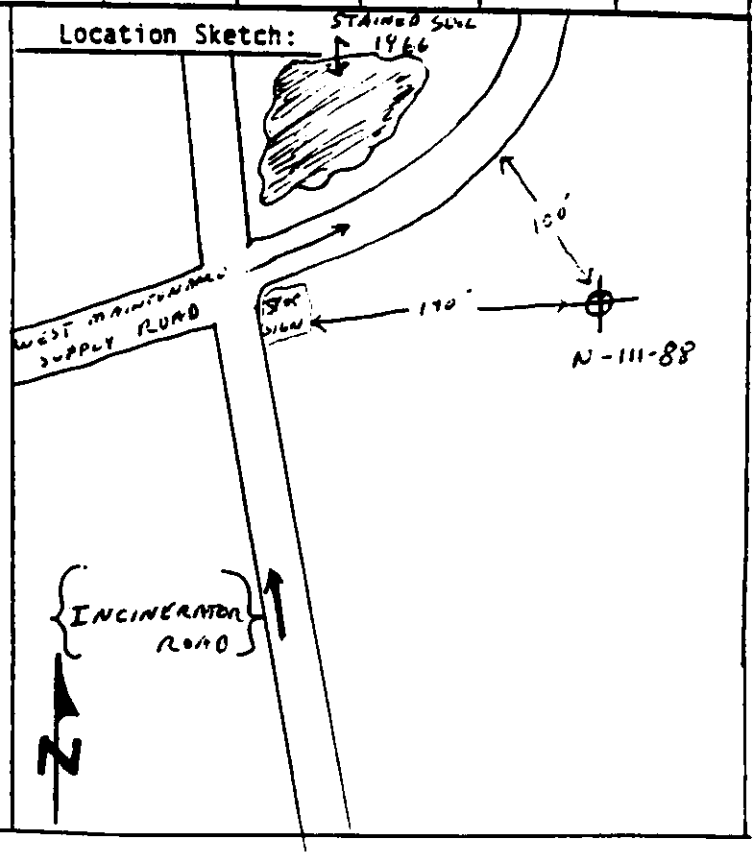
Drilling Shifts:

Date 1988	Time Start	Time End	Depth of Drilling Per Shift Start	Depth of Drilling Per Shift End	Date 1988	Time Start	Time End	Depth of Drilling Per Shift Start	Depth of Drilling Per Shift End
17 MAR	1100	1545	0'	37.5'	28 MAR	1615	1720	260.0'	280.0'
18 MAR	1200	1730	37.5'	58.5'	29 MAR	1040	1743	280.0'	330.0'
19 MAR	0730	1715	58.5'	119.5'	30 MAR	0855	0930	330.0'	336'
20 MAR	0840	1345	119.5'	140.0'	31 MAR	WELL CONSTRUCTION		337.77'	180'
21 MAR	1420	1545	140.0'	160.0'	1 APR	WELL CONSTRUCTION		180'	0.0'
22 MAR	0800	1230	160.0'	200.0'					
23 MAR	0915	1615	200.0'	260.0'					

Abbreviations:

Abbr	Meaning
RFW	= ROY F. WESTON
TRACE	= < 10%
SOME	= 10%-25%
F	= FINE
C	= COARSE
M	= MEDIUM
L	= LENGTH
QTZITE	= QUARTZITE
SAT	= SATURATED
V. MOIST	= VERY MOIST
CARB	= CARBONATE
GSA	= GEOLOGICAL SOCIETY OF AMERICA MUNSELL COLOR CHART
V.	= VERY

Location Sketch:



Project: N-TEAD USATHAMA	Boring: N-111-88	Page: 2 of 8

NOTE: ALL COLORS FROM MUNSELL SOIL COLORS CHART.

Depth/ Elevation (FEET)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	HNU Reading ~~Blow Count & Recovery~~	Drilling Data
		GROUND SURFACE			
	TOPSOIL	ORG SOIL - TOPSOIL - ROOTMAT V-MOIST, DK BROWN - LOOSE GRAVELS TRANSITIONAL		HNU-0	NOTES: 1) ALL DEPTHS IN FEET 2) 140psi ON CP-7000 RIG 3) FIRST CASE = 19.0' LONG
5'	GP	SAND & GRAVEL / TRACE FINES F = 10YR 8/2, SUBROUNDED COARSE PEBBLES to SMALL GRAVELS CARBONATE & QTZITE GRAVELS, 0.2'	1/5	GRAB SAMPLE	
10'		SANDS & GRAVEL / TRACE FINES-SILT F = 10YR 8/2 M-C GRAVELS 0.3' AVERAGE L NO APPARENT BEDDING	2/10	GRAB SAMPLE	
15'		SLIGHT MOIST SAND & GRAVEL 40% QTZITE 60% CARB. F = 10YR 8/4-8/3 TRACE - SILT M-C GRAVELS 0.25' AVERAGE L ALLUVIAL MATERIAL, LOOSE, DRY	3/15	GRAB SAMPLE	
20'			4/20	HNU-0 GRAB SAMPLE	ADD CASING & WEEPING. 1130 = TIME BIT 2.0' BELOW CASING 1345 DRILLING AGAIN
22'	GW	SMALLER GRAVEL to PEBBLE SIZE BETTER SORTING = 0.05' AVERAGE SAND & GRAVEL F = 10YR 8/2 TRACE PINK QTZITE ~ 10R 5/4 LOOSE DRY, QTZITE HAS $CaCO_3$ CEMENTATION	DEP		
25'			5/30	GRAB SAMPLE	
30'		.15' SIZE AVERAGE STILL GOOD SORTING NO APPARENT BEDDING, LOOSE, DRY CARBONATES EFFERVESCENT TO HCL			
35'		SAME AS 25'-30' COARSE SAND & GRAVEL LOOSE, DRY 40% QUARTZITE 60% CARBONATE	DEP	HNU-0	* PULL BIT OUT TO CHECK 2 CONES ARE BAD - NO BEARINGS - NO BACK-UP BIT. END 17 MAR 88
				HNU-0	START OF SHIFT 18 MAR 88
40'		SAND & GRAVEL SAME AS 35' 0.05' AVERAGE L	6/40	GRAB SAMPLE	NOW BIT MAKING COARSE CUTTINGS SMALLER DUE TO GRINDING UP.
43'	DEP	HIT A SAND LAYER 10YR 7/3 1.0' THICK - VERY SLIGHT MOISTURE	7/43	GRAB SAMPLE	TOOK SAMPLE OF SAND LAYER
45'	SW				
47'	GP	SAND AND GRAVEL AVERAGE L = 0.1' LOOSE, DRY			
50'		SAME AS 35' LEVEL	8/50	GRAB SAMPLE	

Project: N-TEAD USATHAMA	Boring: N-111-88	Page: 3 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	~~Blow Count & Recovery~~ HNU ~~Reading~~	Drilling Data
50.0'		50.0' LEVEL			1) ALL DEPTHS IN FEET
	GP				
55'		SANDY GRAVEL 70% CARBONATES 30% QTZITE, MAJORITY OF PEBBLES ARE SUB-PRISMOIDAL (SPHERICITY) + ROUNDED (ROUNDNESS) LOOSE, DRY			
				HNU=0	END IS MARKED DEEP
					ADD CASING & WELD 57
				HNU=0	END DRILLING 58.5
60'		SANDY GRAVEL WITH TRACE FINES MOIST - FINES ADHERING TO VERY LARGE 2.35' C = COBBLES M-C SMALL COBBLES 10 YR - 5/4 MOIST SAND COLOR	9/60		GRAB SAMPLE PERCHED WATER TABLE ENCOUNTERED 60'
65'					
69					
70'	GC	CLAYEY GRAVELS - GRAVEL/SAND/CLAY MIXTURE. V-MOIST - SAT SOIL WILL ROLL OUT = CLAY F = 10 YR 5/2 TRACE CLAY / TRACE SILT TRACE GRAVEL UP TO .05' 75% SAND	10/70	GRAB SAMPLE	HAVING TROUBLE CLEANING HOLE - MORE MOISTURE.
75'	GRADE INTO				
77.5'					
80'	SC	CLAYEY SANDS WITH TRACE SILT SAND 85% - 90% TRACE CLAY V-MOIST - SAT	11/80	GRAB SAMPLE HNU=0	79' DEGCN / ADD CASING & WELDING. 81' HAVING TROUBLE GETTING CUTTINGS OUT OF DRILL STRING & CASING.
85'					
86'	GC	NOTICABLY MORE GRAVEL, CLAY ≈ 2% SAND + SILT GRAVEL = 90% CARB = 60% QTZITE = 40% MOIST			DRILL RIG A LITTLE JAMMY GOING
90'	GM	SILTY GRAVEL - GRAVEL SAND SILT MIXTURE FINES ADHERING TO GRAVEL TRACE CLAY - CAN ROLL OUT / F = 10YR 5/2 MOIST	12/90	GRAB SAMPLE	
		GRAVELS SIZE = .08' COARSE PEBBLE SLIGHTLY MOIST			
95'		GRAVEL SIZE INCREASE TO .1' SLIGHT MOIST LOOSE F ADHERING TO PEBBLES.			
98'	GP	PEBBLES, AT 98' DIA, LOOSE, SPHERICITY = SUB PRISMOIDAL ROUNDNESS = ROUNDED	13/100	GRAB SAMPLE HNU=0	
100.0'					100

Project: N-TEAD USATHAMA	Boring: N-111-88	Page: 4 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	~~Blow Count & Recovery~~ HNU Reading	Drilling Data
100'		100'.0' LEVEL			
	GP	98% GRAVEL SOME SAND SOME PINK QTZITE 10R 5/4 TRACE SAND + SILT			BALL DEPTHS IN FEET DRILLING VERY EASY
104'	DEP	60% CARB M-GRAVEL 50% 40% QTZITE F-GRAVEL 50% LOOSE, DRY			
105'	GC	104' C-GRAVEL Sp-Spherical/Sub-rounded SLIGHT MOIST FINES ADHER TO 1" SIZE 105' 2½" ≈ .2 Feet SM cobbel size	14/110	GRAB SAMPLE	
DEP 110'	GM	SANDY GRAVEL - SILT SAND GRAVEL MIX MOIST, LOOSE, F = 10YR 5/4			
113'		Dry loose @ 113	HNU-0 SOIL		
115'					3/19/88
116'	GP	GRAVEL - FINER ½" AVE-SIZE DRY, LOOSE, TRACE SILT TRACE SAND 70% CARB 30% QTZ			61.0' DRILLED TODAY ADD CASING @ WELD END DRILLING 119.5'
120'		SAME AS 116.0' SLIGHT MOISTURE	HNU-BELOW ZERO 15/120	GRAB SAMPLE	~~DRY~~ DEP START DRILLING
123'		GRAVEL SIZE INCREASE 23 Feet SLIGHT MOIST FINES ADHERING TO			
125'		SM cobbel sized GRAVEL. 2 FOOT INTERVAL SAME AS 116.0' SLT MOISTURE			
130'		SANDY GRAVEL .05" SIZE 60% CARB SLIGHTLY MOIST 40% QTZITE TRACE SILT, $CaCO_3$ CEMENTATION IN QTZITE	16/130	GRAB SAMPLE	
		DRY LOOSE ↓			
135'					
					3/20/88 END 140'
140'		SANDY GRAVEL 70% CARB DRY, LOOSE 30% QTZ TRACE SAND + SILT FINES 10YR 7/1 MORE CARB DUST BOTH CARBONATES + SOME QUARTZITE EFFERVESCES WITH HCL ACID - QTZITE HAS CARBONATE CEMENTING POSSIBLY	17/140	GRAB SAMPLE	DRILL TO 140' ADD CASING 20' + WELD CHANGING DRILL BIT AGAIN. WILL USE WATER ON REMAINDER OF HOLE. * WATER HAS HELPED ALOT LARGER PIECES ARE COMING UP 3" SIZE. DRILLING IS SMOOTHER.
145'					
150.0'					

Project: N-TEAD USATHAMA	Boring: N-111-88	Page: 5 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150	GP	SANDY GRAVEL 70% CARBONATES 30% QUARTZITE, browns + blacks; medium pebbles to small cobbles, subrounded to angular, poorly sorted, quartzite with $CaCO_3$ cementation trace very coarse grained sand.	16/150' Grab Sample		GEOLOGIST CHANGE TO KD HOLLIWAY
155'					
160'	GP	160' SANDY GRAVEL. 60% CARBONATES 40% QUARTZITE, browns + blacks, fine pebbles to trace (<10%) large cobbles, subangular to broken, poorly sorted. $CaCO_3$ cemented quartzite, some fines of sand, coarse grained. Encountered ~1" cobbles, white (10YR 8/1) subrounded, highly effervescent to HCl, possibly chert. very hard.	19/160' Grab Sample	HNU=0	END 3/21/88 TOTAL DEPTH 160'
165'		160-166': SANDY GRAVEL with many fines - possibly from settling of water in hole overnight.			Add casing + welding 3/22/88 Start at 160' cutting back to 19pm water.
170	GP	170' SANDY GRAVEL 60% CARBONATES 30% QUARTZITE, 10% FINES, browns + blacks, subangular and angular, moderately sorted, $CaCO_3$ cemented quartzite. very coarse pebbles to medium grained sand, trace chert pebbles.	20/170' Grab Sample		
175'					
176'	GM	176' SANDY GRAVEL: 60% GRAVEL, 40% FINES. GRAVEL: 60% CARBONATES, 40% QTZITE subrounded and subangular FINES: 70% SAND, 30% SILT/CLAY			
180'	GM	180' SANDY GRAVEL: 70% GRAVEL 30% FINES (clay/silt/sand). GRAVEL 60% CARBONATES, 40% QTZITE subrounded to rounded, blacks, browns, grey pink $CaCO_3$ cemented quartzite, moderately sorted, v. coarse pebbles to small cobbles FINES 60% SAND, 40% SILT AND CLAY moderate yellowish brown 10YR4/2 (GSA) subangular, moderately sorted, medium pebbles to medium grained sands	21/180' Grab Sample	HNU=0	180': Adding casing and welding, Drilled for ~ 70 min x 1 gal/min = 70 gals water used in drilling
185'					
190	GW	190' SANDY GRAVEL: 60% CARBONATES. 40% QTZITE, trace fines; size extremes medium pebbles to coarse sand mostly fine pebbles, moderately sorted subangular with trace angular and subrounded, fairly clean gravel. 195' Larger gravel from very coarse pebbles to small cobbles mixed with the finer gravel	22/190' Grab Sample		180-190' Easy drilling v. small gravels
195'					

Project: N-TCAD WATHAMA	Boring: N-111-88	Page: 6 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200	GC/GM	200': SANDY GRAVEL: 70% GRAVELS; 40% CARBONATES 30% QTZITE, 30% FINES. Poorly sorted. GRAVEL: blocks and browns, poorly sorted, very coarse sand to small cobbles subangular with trace rounded subrounded. Fines: coarse to medium grained sand. subrounded trace rounded, qtzite and carb sand grains, trace clay, moderately sorted. Occasional chert pebbles. Sand gravel mixtures	23/200 Grab Sample	BNW=0	180-200' Easy drilling due to small finer gravels. 200' Adding casing + welding. Drilled for approx 45 min x 1 gal/min = approx 45 gals water used in drilling. Drilled 40' 3/22/88
205					3/23/88 Starting at 200' (0915)
206	GM/SM				
210		203-204 SANDY GRAVEL: 50% CARBONATES 50% QTZITE, fine pebbles to coarse grained sand with some fine grained sand, fairly well sorted, subrounded. 206': GRAVELLY SAND: 80% SAND/CLAY/SILT 20% GRAVEL, saturated. 210': GRAVELLY SAND: 80% SAND/CLAY/SILT 20% GRAVEL, grayish orange 10YR 7/4 (USA) to moderate yellowish brown 10YR 5/4 (USA) very fine grained to medium grained, subrounded; 80% clay, saturated.	21/210 Grab Sample		206': Hit a zone of saturation to 210' in a gravelly sand. No water pumped down hole.
215					
218	GP/GC				
220			25/220 Grab Sample	BNW=0	220' Adding casing and welding. Drilled for 40 min x 1 gal/min = 50 gals water used in drilling 200-220' (didn't use water all the time.
225		GRAVEL. 70% CARB, 30% QTZITE, poorly sorted broken to subangular fine pebbles to small cobbles. 218' SANDY GRAVEL 220': SANDY GRAVEL: 50% CARBONATES 30% QTZITE 20% FINES (SAND/CLAY): moderate yellowish brown 10YR 5/4, angular + subangular, small cobbles to medium pebbles, some very fine grained sand and clayey silt.			
226.5	SC				
230	GP/GM	226.5': CLAYEY SAND AND GRAVEL 80% CLAYEY SAND, 20% GRAVEL very fine to coarse pebbles subrounded, clayey sand adhering to pebbles, sand fairly well sorted, medium grained 228': SANDY GRAVEL 230': SANDY GRAVEL: 70% GRAVEL 30% SAND/CLAY. GRAVEL: 70% CARBS 30% QTZITE: blocks + browns, angular and subangular, very coarse pebbles to very fine pebbles, SAND/CLAY: pale yellowish brown 10YR 6/2 to dark yellowish brown 10YR 4/2; qtzite + carb pebbles reds, white, brown, black subangular very coarse to medium grained sands, poorly sorted	26/230 Grab Sample		234': drilling became harder, gravel pretty broken up
235					
240			27/240 Grab Sample	BNW=0	240' Adding + welding casing. Drilled for 60 min x 1 gal/min = 60 gals water used in drilling 220-240'.
245					
250		240' SANDY GRAVEL: 60% GRAVEL 40% SAND/CLAY; same as above except medium and coarse pebbles subangular, a little better sorted than above			

Project: N-TEAD USATHAMA	Boring: N-111-88	Page: 7 of 9

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250	GM	250': SANDY GRAVEL: 70% CARBS 30% QTZITE, black, browns, white (chert) subangular to subrounded, v. fine to coarse pebbles, medium grained sand. FINES: pale yel brown 10YR 6/2 to dark yel brown 10YR 4/2 (GSA), moderately sorted, moist.	28/250' Grab Sample		
255'					257': Encountered very hard drilling, need water to help in drilling.
260'		260': SANDY GRAVEL: 70% CARBS, 30% QTZITE - same as above except poor sorting and v. fine to v. coarse pebbles and occassional small cobbles	29/260' Grab Sample	HWU=0	END OF DAY 3/23/88 DRILLED 60' 200-260'
261'	SC	261': SANDY CLAY: 50% CLAY, 40% SAND 10% GRAVEL - [redacted] angular v. fine pebbles to few coarse pebbles; SAND - subangular, fine (3.0-2.5Ø) to medium (2.0-1.5Ø) - grained sand, fairly well sorted, firm, damp.			CLEANING OUT HOLE ~~GOOD~~ BLOWING OUT ANY WATER THAT HAS BEEN USED IN DRILLING
265'					BEGIN 3/28/88 @ 260'
268'	CL/SC	268' (270' SAMPLE): SILTY CLAY: 70% CLAY 25% SILT/SAND, 5% GRAVEL: pale yel brown 10 YR 6/2 (GSA), v. fine-grained fairly well sorted, gravel coated with clayey material, size from v. fine pebbles to small cobbles damp.	30/270' Grab Sample		260-280' No water used in drilling. No water detected in the hole on 3/28/88 from previous use of water.
270'					
275'	GC	275': CLAYEY SAND + GRAVEL: fine grained sand to medium size pebbles, subangular and angular 60% CLAYEY SAND, 40% GRAVEL (CARBS); slightly damp.			END OF DAY 3/28-88 drilled 20' - 260-280' ~~280' Adding~~
280'	GM/GC	280': SILTY SAND + GRAVEL: 60% GRAVEL, 40% SILTY SAND; pale yel brown 10YR 6/2 (GSA) v. fine-grained subrounded to subangular, gravel coated w/ silty sand, carbonates w/ possible xtalline type material, v. fine pebbles to occasional small cobbles, v. slightly damp to dry.	31/280' Grab Sample	HWU=0	280' Adding casing + welding 3/29/88. In drilling losing lots of fines. Using no water to aid in drilling, material out of hole is broken
285'					
286	GM	281-~~280~~ CLAYEY SAND + GRAVEL (damp) alternating in 1-2' intervals w/ SILTY SAND + GRAVEL (dry) - same description as 275' and 280'.			
290'	GM	290': SILTY SAND + GRAVEL - 60% SILTY SAND 40% GRAVEL (CARBS); very pale orange 10YR 8/2 (GSA), v. fine-grained, fairly well sorted sand, overall poorly sorted, gravel - subangular to angular + broken, size from v. fine grained sand to gravel of v. coarse-grained sand to medium pebbles (<5%), mostly fine pebbles, dry.	32/290' Grab Sample		
295'					
300'				HWU=0	298': Adding casing + welding.

Project: N-TEAD USATHAMA	Boring: N-111-56	Page: 8 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
300'	SM/GM	291-299': SILTY SAND + GRAVEL: same as above except + finer grained material overall; 294-295' zone of gravel that is larger in medium pebble to v. course pebble range	33/300' Grab Sample	Water	
305'	SM	300': SANDY GRAVEL: 70% SAND, 30% GRAVEL (QUARTZ + CARBS) moderate yel brown 10YR5/4 (GSA) poorly sorted, sub-angular + angular. Size - medium-grained sand to fine pebbles (8mm) (<10%), slightly damp.			305': Really hard drilling, crushing material so have most fines. Bit is probably starting to wear.
310'		306': SILTY SAND - fine grained to coarse grained sand, 15% medium to coarse size pebbles.	34/310' Grab Sample		
314' 315'	GM	310': SILTY SAND: 60% SILT, 40% SAND; pale yel brown 10YR6/2 to grayish orange 10YR7/4 (GSA) subangular, v. fine-grained to v. coarse grained, dry.			
320'	GC	314': SANDY GRAVEL: 60% SAND/SILT 40% GRAVEL (QUARTZ + CARBS) - v. course sand to coarse pebbles, subangular to broken, fines same as 310'; dry.	35/320' Grab Sample	HNU=0	319': Adding casing + welding. In cleaning out the hole some, started getting some water up the casing
325'		320': SANDY GRAVEL (CLAY + SAND) 35% GRAVEL, 35% SAND, 30% CLAY (60% CLAY, 40% SAND), hematite, QTZITE pieces, white, greens CARBONATES, trace LIMESTONE (white) subangular to angular, very fine to coarse size pebbles, some v. course grained sand to trace medium grained sand, saturated.			318': Encountered water 326': Less water. END OF DAY 3/29/88 - 330' Drilled 280-330' = 50'
330'	GC	323': More clay than sand coated on gravel + coming out in clumps, saturated. At 326' Just Moist	36/330' Grab Sample		3/30/88 Hole at 330' Water measured at 282.4' Will have to drill to joint in order to take split spoon. Hole at 336.3'. Split spoon taken dropping 150 lb hammer approx. 30".
335'		330': SANDY CLAYEY GRAVEL: 60% SANDY CLAY, 40% GRAVEL (QUARTZ + CARBS) Moderate yel brown 10YR5/4 (GSA), gravel is coated w/sandy clay, subangular and angular, sand v. fine grained (3.5-300) to medium grained (2.0-2.50), moist. (20% CLAY, 80% SAND)	37/336 Split Spoon	336.3'-337.8 19/6" 60/6" 154/6"	
337.77' 340'	TD	334': CLAYEY SAND + GRAVEL: 60% GRAVEL 40% SANDY CLAY (30% CLAY, 70% SAND) mod yel brown 10YR5/4 (GSA), gravel is from coarse pebbles to mostly small cobbles (pieces broken in drilling) subrounded, subangular and broken from drilling. GRAVEL 60% CARBS, 40% QTZITE			TOTAL DEPTH: 337.77' Well construction: 3/31 - 4/1 - 88
345'		336': GRAVEL: 80% CARBS, 20% QTZITE subrounded, subangular to broken from sampling, fine pebbles to small cobbles, some limestone, trace sand.			
350'					

16'
16'
16'

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-11[illegible]-88 Page: 1 of 8

Driller & Company: Marty Peterson / Dave's Drilling

Geologist/Logger & Company: Karen Holliway / WESTON
John McDonnell / Weston Signature: [signature]

Date Boring Started: 06 April 1988 Completed: 21 April 1988

Water Levels (from Ground Surface) Drilling Rig: CP 7000

First Encountered: 35'-61.5' Date: 4-8-88

While Drilling: 326'-good return Date: 4-20-88

At Boring Completion: 312' Date: 4-21-88

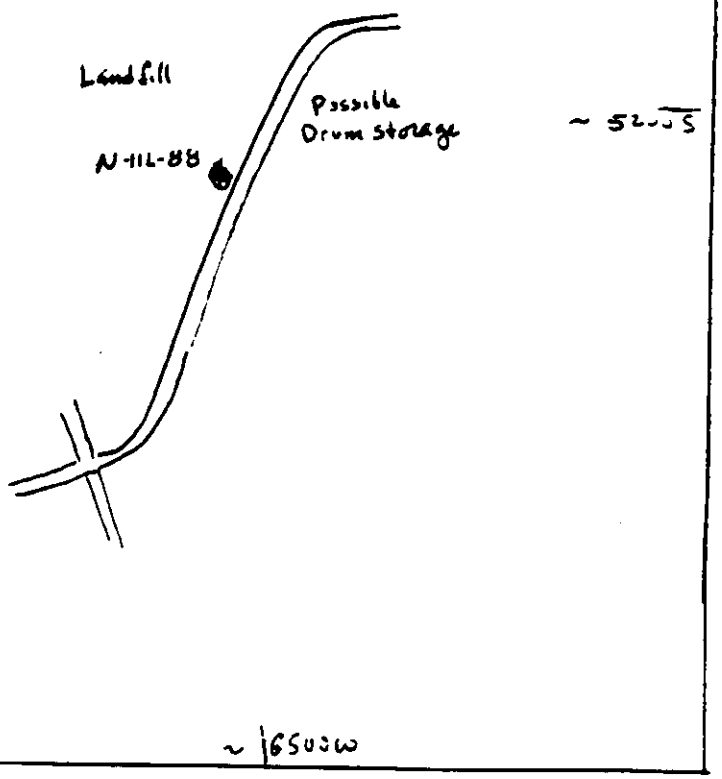
Drilling Shifts:

Date 1988	Time Start	Time End	Depth of Drilling Per Shift Start	Depth of Drilling Per Shift End	Date	Time Start	Time End	Depth of Drilling Per Shift Start	Depth of Drilling Per Shift End
06 APRIL	1105	1435	0.0'	31.0'	19 April	0800	1800	250'	291
08 APRIL	0900	1600	31.0	56.0'	20 April	0800	1800	291	326
10 APRIL	0915	1335	56.0'	96.0'	21 April	0800	1800	326	332
11 APRIL	0811	1620	96.0'	156.0'					
12 APRIL	0930	1520	156.0'	216.0'					
13 APRIL	0952	1400	216.0'	250.0'					

Abbreviations:

Abbr	Meaning
trace	<10%
some	10% - 25%
vfg	very fine-grained/graded
fg	fine-grained/graded
mg	medium-grained/graded
cg	coarse-grained/graded
v	very
Qtzite	Quartzite
Carbs	Carbonates
GSA	Geological Society of America Munsell color chart
sm	small
~	approximately
gpm	gallons per minute
lm'c	limmonitic
nm'c	hematitic
gn	green
gy	grey
or	orange
yl	yellow

Location Sketch:



Project: USATHAMA N-TEAD	Boring: N-112-88	Page: 2 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
	TOPSOIL	SILTY CLAY AND GRAVEL: dark brown, trace sand, organic, gravel subangular, vfg, transitional, slightly damp.		HNU=0	NOTES: All depths in feet ground surface. Air Rotary capable of 90 psi external compressor 1200psi. Commence drilling 4-6-88 Tri-cone bit. Typical Pumping pressure = First casing = 18.5'
5'	GM	3.0' SILTY SAND + GRAVEL 5.0' SILTY SAND + GRAVEL: 70% silty sand, 30% gravel, very pale orange 10YR 8/2 (GSA), vfg, subrounded, qtzite + carbs gravel, vf to cg pebbles, poorly sorted, dry. Alluvial deposit			
10'	GM	10.0' SILTY SAND + PEBBLES: 60% SAND, 40% PEBBLES, varied colored grays, browns, blacks, moderately sorted pebbles, subrounded + subangular, qtzite, carbs, mg sand to fg pebbles w/ occasional mg-cg pebbles, some silt, sand fg-mg, dry. Alluvial deposit.	N-112-88-01 (Grab) @ 10'	HNU: Bkgd	
15'					
20'		20.0' SAND + PEBBLES: 70% PEBBLES (QTZITE + CARBS), 30% SAND, varying grays, blacks, vf to fine pebbles, subrounded and subangular occassional mg pebbles; sand fg, moderately sorted, alluvial deposit; trace silt dry. Alluvial deposit	N-112-88-02 (Grab) @ 20'	HNU=0	18.5' Welding next casing = 20.8' Having problems with hammer driving the casing
25'					
30'		30.0' SILTY SAND AND GRAVEL: 70% GRAVEL, 30% SILTY SAND: varied blacks, grays 60% CARBS, 40% QTZITE, subrounded to broken, poorly sorted fg pebbles to vcg pebbles w/ occassional sm cobbles. Sand vfg (3.5-4.0 ø) to fg (3.0-2.5 ø) well sorted, some silt, trace clay, slightly damp to damp. Alluvial deposit	N-112-88-03 (grab) @ 30'		END OF DAY 4/6/88 - RIG DOWN FOR REPAIR DOWN 4/7/88 30' BEGIN 4/8/88
35'	SP/SM	35.0' SILTY CLAYEY SAND: 90% SAND, 10% CLAY, fg to vfg sand, fairly well sorted, fairly uniform, trace silt, saturated	04 @ 35'	HNU=0	35.0' very easy drilling Saturated Zone 35-61.5'
40'	SP/SM	40.0' (SILTY CLAYEY) SAND: 80% SAND 10% SILT 10% CLAY dark yellowish brown 10YR 4/2 (GSA) vfg sand, fairly well sorted, soft to medium stiffness. silt, saturated, becomes silter at 43.0'.			38.0' Adding and welding next section of casing 19.7'
45'					
50'					

Project: USATHAMA N-TEAD	Boring: N-112-88	Page: 3 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50'	SP/SM	50': (SILTY CLAYEY) SAND: 80% SAND, 20% SILT AND CLAY, Same as above. Moist	05 grab @ 50'		Pushed Split Spoon 56-57.5'
55	SP/SM	56-57.5' SPLIT SPOON SAMPLE: SILTY SAND: 80% SAND, 20% SILT AND CLAY Grading to 50% SAND, 40% SILT @ 57'; yellowish gray 10% CLAY 5Y7/2 to light olive gray 5Y5/2 (GSA), medium stiffness, vfg, fairly well sorted, saturated to moist.	SPLIT SPOON N-112-88-06 56-57.5'	pushed 100% R	END OF DAY 08 APRIL Add & weld Next Section = 19.65' BEGIN 10 APRIL @ 56' Water in hole from saturated section 61.5': End of saturated zone, 62': Hit a gravel but have too much sand and clay in annulus to bring material out of the hole. 63.5' begin adding water to clean out the annulus. 2gpm @ 936 until 1020 = 44 min x 2 gpm ~ 88 gal
60'	GC	62': CLAY + GRAVEL, subrounded to broken, slightly damp			
65'			N-112-88-07 grab @ 69.5'		
70'	GC/GM	70': SANDY GRAVEL: 60% CARBS, 40% QTZITE; varying browns, blacks, grays, whites, subrounded to broken, poorly sorted, sm. cobbles to vfg pebbles with trace cg sand, trace clay, alluvial deposit, damp			
75'	GP	74': GRAVEL: 60% CARBS, 40% QTZITE Many sm. cobbles to cg pebbles, moderately sorted, subrounded.			
80'	GM	80': SANDY GRAVEL: 70% GRAVEL (70% CARBS, 30% QTZITE), 30% SAND; varying blacks, browns, grays, whites, subrounded + subangular to broken, cg pebbles to cg sand, trace clay, poorly sorted, alluvial deposit.	N-112-88-08 grab @ 80.5	HNU=0	78': Adding and welding next section of casing = 19.7' Using water at 2gpm 1140-1230 = 50 min x 2 gpm ~ 100 gals
85'		85': SANDY GRAVEL: fg pebbles to mg sands, subrounded + subangular, fairly well sorted alluvial deposit.			
90'	GP	90': SANDY GRAVEL: 70% CARBS, 30% QTZITE, varying browns, blacks, grays, angular to broken, fg pebbles to mg pebbles w/ occassional cg pebbles, moderately sorted, trace sand, alluvial deposit	N-112-88-09 grab @ 90'		Need more water. basically drilling inside of casing need to clean out annulus. Using 2gpm starting at 1315-1333 = 18 min ~ 36 gal
95'				HNU=0	96.5 Adding and welding casing = 19.7' END OF 10 APRIL
100'					11 APRIL using 2 gpm water 0841-0920 = 69 min

138 gals water

Project: USATHAMA N-TEAD	Boring: N-112-88	Page: 4 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100	GM	101' SAND + GRAVEL: 70% GRAVEL (70% CARBS, 30% ATZITE), 30% SAND, varying browns, blacks, poorly sorted subangular to broken, mg sand to occassional sm. cobbles, alluvial deposit.	10 @ 101, grab		
105'					
110'	GP	110': SAND + GRAVEL: 40% GRAVEL (70% CARBS, 30% ATZITE), 60% SAND; varying browns, blacks, moderately sorted, fg pebbles to sm. cobbles most cg to vcg pebbles, subangular to mostly broken	N-112-88-11 @ 109.5'		
115'				HAM=0	116.5': Adding and welding casing section 20.6' using 2gpm water to aid drilling, start 1100. End 1155 - didnt use water for 10 minutes so 45 min × 2 gpm = 90 gals
120'	GM	120': SAND + GRAVEL. 80% GRAVEL (70% CARBS, 30% ATZITE), 20% SAND, varying browns + blacks with pale yellowish brown 10YR6/2 (GSA) sand - fg to cg sand, poorly sorted fg pebbles to cg pebbles subangular to broken, alluvial deposit.	N-112-88-12 @ 120'		
123	GP				
125'	GM/GP	123.5: GRAVEL: mg pebbles to sm. cobbles			Drilling 1231 to 1300 = 29 min × 2 gpm = gals
130'	GM	131': SAND + GRAVEL. 70% GRAVEL, (70% CARBS, 30% ATZITE), 30% SAND; varying browns, blacks with some white possibly chert pieces, poorly sorted subrounded and subangular to broken, fg sand to mg pebbles, trace silt and clay. Sand pale yellowish brown 10YR6/2 (GSA)	grab N-112-88-13 @ 131'		
135'				HAM=0	137.5': Adding and welding casing section 20.48. Blowing hole and well removing water. Tripping in and out to change the bit
140'	GM	140': SAND + GRAVEL: Same as above. 141': SAND + GRAVEL: mg pebbles to sm cobbles otherwise same as above.	N-112-88-14 grab @ 140'		
145'					Begin drilling 1537 using 1 gpm water, End 1635 = 38 min × 1 gpm ~38 gals
150'	GM	149': SAND + GRAVEL: 70% SAND, 30% GRAVEL. Moderate yellowish brown			

Project: USATHAMA N-TEAD	Boring: N-112-88	Page: 5 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150'		10YR 5/4 (GSA), sand vfg, clayey, silty, sm to lg cobbles subrounded and subangular, some cg to mg pebbles, damp to slightly moist	N-112-88 -15 grab @ 152'		
155'		156.5-158.0': CLAYEY SILTY SAND: dark yellowish brown (10YR 4/2) to light olive gray 5Y 6/1 (GSA), stiff, moderately sorted, vfg to fg, some silt, occasional gravels, subangular and subrounded, carbs and qtzite, fg pebbles to cg pebbles, slightly moist.			156.5-158' SPLIT SPOON Pushed
156.5	SM			HNU=0	END OF 11 APRIL
			16 SPLIT SPOON	156.5-158 Pushed	START 12 APRIL
160'		163': SAND + GRAVEL: poorly sorted fg pebbles to cg pebbles, subangular to broken, fg sand, trace clay.		100% Recovered	Adding and welding Next Section = 19.75' Using 1gpm water in drilling 0935-1010 = 35 min × 1 gpm ~35 gals
163	GM				
165'					
170'	GM/GP	169': SANDY GRAVEL: 60% GRAVEL (70% CARBS, 30% QTZITE) 20% SAND: varying blacks, browns, moderate yellowish brown 10YR 5/4 (GSA), poorly sorted gravels: fg pebbles to vcg pebbles with occasional small cobbles, sand - fg to cg sands, trace silt and clay; subangular, angular and broken, alluvial deposit.	N-112-88-17 grab @ 165'		
175'					
180'	GP/GM	179': SANDY GRAVEL 60% CARBS, 40% QTZITE, moderately sorted cg sand to fg pebbles with occasional mg pebbles, subangular, angular to broken, varying blacks, browns, whites	N-112-88-18 grab @ 180.5'	HNU=0	177': Adding and welding casing section = 19.75' Using 1 gpm water drilling @ 1151-1235 = 44 min × 1 gpm ~44 gals
185'		184': SANDY GRAVEL. Same as above except more mg to cg pebbles and not as broken-up.			
190'	GP/GM	190': SANDY GRAVEL: 60% CARBS, 40% QTZITE, varying blacks, browns, grays white, poorly sorted fg to cg sand with fg to cg pebbles, subangular and mostly angular to broken, alluvial deposit.	N-112-88-19 grab @ 190'		
195'				HNU=0.6 to 1.2 units	197': Adding and welding casing section 19.68'. Using 1gpm water in drilling 1440 - 1320 = 40 min × 1 gpm ~40 gals
200'					

Project: USATHAMA N-TEAD	Boring: N-112-88	Page: 6 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200	GP/GM	200': SANDY GRAVEL: 60% CARBS, 40% QTZITE, varying blacks, browns, grays, whites, poorly sorted, subangular (trace) angular to broken, some fg to cg sand and fg to mg pebbles with occassional cg pebbles, trace clay, alluvial deposit.	N-112-88-20 @ 200' grab		200': Drilling is really breaking/crushing the formation
205'		205': SANDY GRAVEL: Same as above except gravel size mg to cg pebbles.			205
					209': Extremely hard drilling, only gained ~1 ft over 10 minutes. Formation really broken up
210'	GP/GM	209.5': SANDY GRAVEL: 60% QTZITE, 40% CARBS - Same as above, alluvial deposit.	N-112-88-21 grab @ 209.5'		210
215'					216': Adding + welding casing section = 17.54' END OF DAY 12 APRIL
					START 13 APRIL 0952 Begin drilling using 1 gpm water until 1105 63 min x 1 gpm = ~ 63 gals
220'	GP/GM	220': SANDY GRAVEL: 60% CARBS, 40% QTZITE: varying browns, blacks, sand and clay moderate yellowish brown 10YR 5/4 (GSA); poorly to moderately sorted, vfg to mg pebbles, subangular + angular to broken, alluvial deposit.	N-112-88-22 grab @ 220'	HNWD	220
225'					225
230'	GP/GM	230': SANDY GRAVEL: 60% CARBS, 40% QTZITE: some fg to cg sand, trace clay, poorly sorted fg to cg pebbles, subangular and angular to broken, colors same as above, alluvial deposit.	N-112-88-23 grab @ 230.5'	HNWD	230
235'					234': Adding + welding casing Section = 19.71' Begin drilling @ 1300 using 1 gpm water until 1330. 30 min x 1 gpm = ~ 30 gals. 235
240' 239.5'	GC	239.5': CLAYEY GRAVEL: 70% GRAVEL, 30% SANDY CLAY: GRAVEL: 70% CARBS, 30% QTZITE, varying browns, blacks, whites, grays, reds, clay is grayish orange 10YR 7/4 (GSA); moderately sorted subangular to broken, vfg sand, fg to mg pebbles w/ occassional cg pebbles; alluvial deposit	N-112-88-24 grab @ 241'		240
245'					245
247	GP/GM	247' SANDY GRAVEL: fg to cg pebbles			
250'					250

Project: USATAMA N-TEAP	Boring: N-112-88	Page: 7 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250'	GP	280': SAND AND GRAVEL: 60% CARBS, 40% QTZITE, varying blocks, browns, grays, whites, clayey sand is moderate yellowish brown 10 YR 5/4 (GSA), poorly sorted, subangular to broken, fg to mg pebbles with occassional cg pebbles, mg to cg sand, trace clay, alluvial deposit.	N-112-88-25 grab @ 250'		250': stopped drilling, cleaned out hole to set for the 4-days of break. END OF DAY 13 APRIL
255'					Start 4-19-88
260'		c. gravel: w̄ cbls and fraqs of qtzite, varying tan w̄ min lm'c specs (5y 6/2), yl/or tan w̄ lm'c spotting (2.5y 6/4), lt grey (2.5y 7/2) carbs: gy w̄ 2nd y calc (~20%) (2.5y 5) v.f.n.g. fraqs: dark gy to black with hm'c alt. occ. small elongate pbl, ~3/4 to 3/8 in.	N-112 88-26 grab at 260'	HAW 20	
265'					
270'		270 gravel aa. w̄ c. sand. qzose w̄ phlogopite flake - prob ground rock. gravel: thumb nail sized cuttings and smaller chips. qtzite, mg. or tan (10 YR 5/4) qzite, f.g. gn gy (5y 6/2) carb. dark gy)		HAW 20	
275'		275 AA. larger chunks			
280'		280	N-112-88-28 at 280'		~278-280 loosing circ. no returns. 280. regained recovery surge of returns.
285'		Gravel, w̄ fraqs of qzite, f.g. gn gy (5y 6/1), redd'sh (2.5 YR 4/2). elongate pebbles, dk gy - fraqs of hm'c alt hornblend granite.			
290'		290 Gravel, f.g (?) small fraqs. irreg. poorly rounded pbls. w̄ clayey sand matrix (10 YR 5/6)	N-112-88-29 at 290'		291'. Start 4-20-88 returns moist. no water back up hole - dry. injection water returning.
295'		293 Gravel, sandy w̄ poorly rd'd pebbl of qzite and carbs. Sandy material - to rock fraqs. Matrix clayey sand, dark redd'sh brown (10 YR 5/6) rd'd cobbl qzite lt tan to rdn. (2.5y 8/4) to lt tan (10 YR 6/8 = ~60%.			
300'		300 - carb dark to lt gy v.f.g. (~40%)			

Project: USATHAMA N-TEAD	Boring: N-112-88	Page: 8 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
300	GW/SW	Gravel, w̄ pbls & cbls of qtzite, var. m.f.g br-gy (2.5YR 4/2) m.g rz-tan (10YR 6/8) + m.f.g grey (10YR 5/1-7/1)	N-112-88-30 @300		
305		Carbs, f.g dk-grey to black plus. Sandy matrix, slightly clayey. quartz grains as from qtzite. Prob mix of matrix and crushed rock.			
310	GW/SW	Gravel w̄ bk, v.f.g carb frags, and qtzite var. red-rz, yl-tan, lt lt grey AA. and Sandy matrix, lt. yl-tan.	N-112-88-31 @ 310'	HANCO	
315	GW/SW	Gravel, AA, w̄ lt. tan f.g. Sand; sly clayey-silty; micas. 317 Gravel, f. w̄ small, irreg, Poorly rounded to sub angular frags.			316 returns coming up gloppy, no injection water.
320			N-112-88-32 @ 320		
325		Cobble/Gravel; qtzite and carbs. w̄ silty Sand quartz and rock frags, well graded, w̄ min lm. Prob includes cutting debris.	N-112-88-33 @326-327		Hit water at 326 4-20-88 326: Tripped to sample: No returns in spoon
330		Vhard: qtzite and bk carb plus Sand, sw. lt yl tan (2.5YR 7/4) 330	N-112-88-34 @328-329		329: end of casing collapsing - bit chewing metal 4-21-88, drilled 326-332.
TO332		To 332: In rock. prob v. hard erratic.			

BORING LOG GENERAL DATA

Project: USATHAMA - N-TEAD Boring: N-113-88 Page: 1 of 3

Driller & Company: Robert Armstrong / Dave's Drilling

Geologist/Logger & Company: John McDonnell / WESTON Signature: [signature]

Date Boring Started: 5-2-88 Completed: 5-3-88

Water Levels (from Ground Surface) Drilling Rig: CP-7000

First Encountered: ~48ft (in Spoon) Date: 5-2-88

While Drilling: —52ft — Date: — 5-3-88

CP 7000: Top drive/casing hammer.
Gardner-Denver 1200 CFM, Mod. SAUTWB Aux Compressor

At Boring Completion: 58.1 Date: 5-3-88

Drilling Shifts:

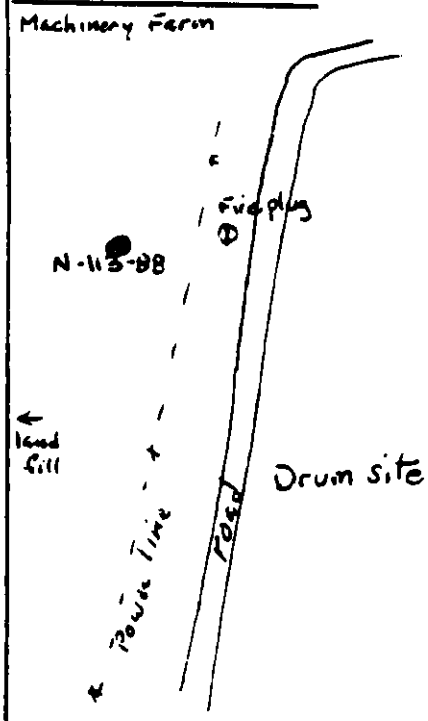
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
5-2-88	2:00 PM	6:00 PM	0'	49'					
5-3-88	8:00 AM		49'	59'					

Abbreviations:

Abbr	Meaning
qtz	quartz
qtzite	quartzite
carb	carbonates
lm	limonite
hm	hematite
f.g	fine grained
vf.g	very fine grained
m.g, md.g;	medium grained
c.g.	coarse grained
rd'd	rounded
rd'	red
gn	green
gy	grey
tn	tan
Br	brown

Colors; MUNSELL SOIL COLOR CHARTS

Location Sketch:



Project: USATHAMA N-TEAD	Boring: N-113-88	Page: 2 of 3

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
5		Gravel, Sandy (GW/SP.) Pbls poorly to mod rd'd, gen flat. ½" to 1½" long dim. Cobs vfg. v dk sy - black (2.5y 3/0 - 5/0) Gwl qtzite, mfg. off white - tan (5y 6/3) 40% Sand - well sorted qtz, lt tan. (5y 7/2)			
7		Gravel, f-md. (GW) pea-size and larger Cobs dk poorly rd'd, large frac't, to ≈1" (2.5y 3/0) 35%. qtzite, small frac't, br - lt-tan, m.g. w̄ lm specs. (2.5y 6/4) 5-2. Fines brown clay.	N-113-88-10 taken 6-10'		
10		Sandy Gravel (GW-GP/SP) w̄ pbls coarser than above, to 1" +, mod. cobs & qtzite 50/50. Two size suites, smaller more rounded ¼-½" larger ≈1" +. Dark cobs, larger, (5y 5/1-2.5y 5/1. Small qtzite, l.t tan - lt brown (5y 7/3)			Running 1200 CFM @ 90 PSI from our compressor not misting.
15		Gravel, hard, mostly broken chips Cob dk sy (2.5y 5/0-3/0) ~ 5% v.f. qtzite. m.g. pitted/pitted & w̄ or lm specks br-tan (2.5y 7/4) ~ 5%			
20			N-113-88-20 taken 18'-20'		
24		Gravel, Sandy - cobbly. w̄ pieces to 2" + mod rounded. gen flat. stream worn. Cobs. md-sy, (2.5y 4/0) - large frac't. qtzite. m.g. lt yl-tan w̄ lm specs. (2.5y 7/2-7/4) Sand; f.g, lt tan. Prob qtz-dd			
25			N-113-88-30		Color change - from space lt-tan blow out to heavier darker orange brown.
30		Sand f. md br (7.5y 6/6) damp, clayey Sandy Clay - Clayey Sand (CS/SC) m.f.g. qtz sd, well sorted (SP) w̄ clay fract. brown - greenish w̄ lm specs throughout (2.5y 6/4 - 5y 6/4)			
35		35' ← Sand from top Clayey Sand (SP-SC) well sorted (poorly graded) md-mf.g. qtz w̄ fn dk specs ~ 10% clay matrix; overall gn-5y (5y 6/3) - more clayey at bottom of sample			Tripped for spoon sample casing at 38 ft.
40		- lm/hm thin horiz. dipping reddish brown lm/hm streaks ~40' ~ specks throughout. 40'	N-113-88-40 @ 35-40.5'		
45		(Spoon Samples) 44 Clayey Sand, lt brown (10YR 6/4) Clay sd (SC) mt br clay. gn-5y (5y 6/3) Clay (CC) gn-5y (5y 6/3), smooth, not sandy lm streaks throughout Clayey Sand. gn-5y (5y 6/3) wet			
50			N-113-88-50 @ 49-50.1'		Tripped for spoon sample casing at 48 ft.
52		50.1			

Project:	Boring: 113	Page: 3 of 3

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
53		Clayey Sand & Sandy Clay (SC/CS) Cont. from above.			Blowing water from formation.
54					Injecting water to bring up cutting.
55		Gravel. (returns mixed with V.f.g. Silty Sand greenish gray (2.5YR 7/2) Prob wash out from drill string.)			
59		TD	N-113-88-60 @ 59'		Drilling dry. formation seems dry. Tripped for spoon. No returns.

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-114-88 Page: 1 of 8

Driller & Company: Robert Armstrong / Dave's Drilling

Geologist/Logger & Company: John McDonnell / Weston Signature: John McDonnell

Date Boring Started: 5-8-88 Completed:

Water Levels (from Ground Surface) Drilling Rig: CP7000

First Encountered: 304' - damp sand. Date: 5-9-88

While Drilling: 328 - 340 TD - good flow Date: 5-9-88

Gardner Denver Compressor @ 1200 CFM

At Boring Completion: 307.2 Date: 5-10-88

Drilling Shifts:

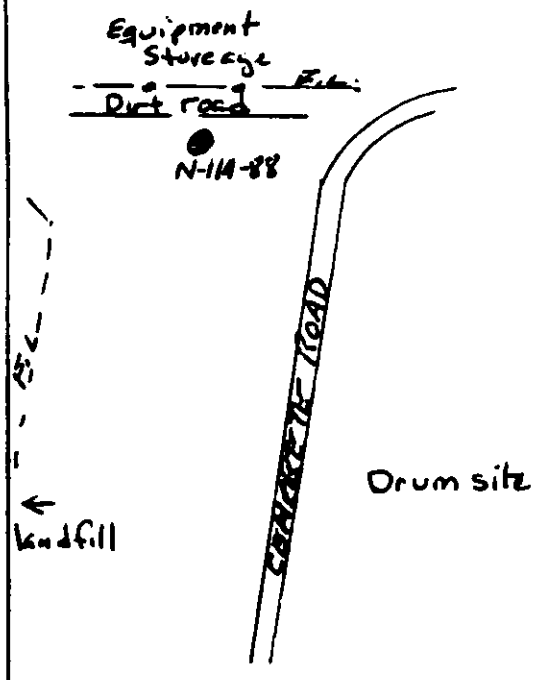
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
5-5-88	8:00	18:00	0	60					
5-6-88	7:00	17:00	60	160					
5-7-88	7:00	17:00	160	240					
5-8-88	7:00	17:00	240	290					
5-9-88	7:00	17:00	290	340					

Abbreviations:

Abbr	Meaning
f; f.g	fine, fine grained
med, m.g	medium, medium grained
c c.g	coarse, coarse grained
gvl	gravel
pbl(s)	pebble(s)
cbl(s)	cobble(s)
Sd	Sand
qtz, qtzite	quartz, quartzite
carbe	carbonates, ls.
rd, rd'd	round, rounded
subL	subangular
lm, lmk	limonite, limonitic
rd, rd'sh	red, reddish
or	orange
yl	yellow
gn	green
gy	grey
bn	brown
tn	tan
BK	black

abbr	meaning
Var	varies
V	very
sly	slightly
AA	As above
w	with

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-114-88 | Page: 2 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0		Gravely Soil			
		Sandy Gravel			
	4				Drilling w/ A.R. ~1200 cfm ↓
5		Very-Sandy Gravel (GP/GS) fairly uniform 1"-2" predom. mod rd'd-Sub angular. carb, f.g. dk gy to bk (2.5 y 4/0-3/0) & qtz.tz, m-f.g. lt br-lt tn (2.5-5 y 6/2) w/ lm specs. Sand; qtz. f.g. sub rd.			- Sand returns leaner
	9.5	Sly lm'c. lt tn. (2.5 y 7/4)			
10		Gravel (GP), fairly Sandy (GS) comp. as above (4-9.5'): Sd: f.g. mod rd-Sub∠. qtz; sly lm'c lt tn (5 y 7/4)	N-114 8.0-1 (6-10)		
		Sandy, bi mod. Gravel (GW-GP) qtz & tz (~60%) & Carb. (~40%) AA: Sand; f.g. mod rd-sly ∠. lt tn. (2.5 y 7/4)			
15					
	18	Small Gravel (GP), gen ¼"-¾" sub rd'-sub∠ qtz.tz (~60%) var: f.g dense, br-tn (2.5 y 6/2) yl-tn, m.g. pitted, w/ lm specs. (2.5 y 7/4) & m.g. dense rd'd (2.5 y R 6/2) as in me. & Carb: md-dk gy. AA & AA	N-114-88-2 (18'-20')		
20		Sandy Gravel (GP/GS). qtz.tz (~60%) Carb (~40%) AA: Slightly larger: Jm bottom f.g. qtz.tz Pebbles: finely spaced (lm). finely pitted, lt-tn (10 yR 6/2) f.g. br-gy (10 yR 5/1) w/ v. min lm; c.g. or-yl (10 yR 6/4)			
25	25	Sand & Clayey Sd (SP): well sorted. moist, mod cohesive: mod-well rd'd; m-f.g qtz & other minerals. brown wet (2.5 y R 6/4). lt gy clay streaks pigeon when rubbed.			Tripped for spoon sample (1 hr)
		w/ clay zones as in spoon sample core.			
30			N-114-88-3 (28-29.5')		
	34	Gritty, Slyghly Clayey Sand	Sdy clay-clay sd; 28'-28.3 Sandstone gray Clay (2.5 YR 6/2) w/ purp. splotches (7.5 yR 4/2; 28.3-28.8		
35	36	Gritty Sly Gravel (GW)	lm bounded, Sdy clay (CS) 28.8-29.1 Clayey Sd (SC) f.m.g: micaceous -29.5'		
	38	gr-gy			
40		Sandy Gravel (GW-GP)(SW): or-bn (10 yR 3/4) w/ qtz.tz (~20%): var bn-gy-tn (AA) & Carb (~30%). Sand: m-c.g; qtz. v. lm'c: w/ sl. lt clayey feel yl-br wet (10 yR 5/6)	N-114-88-4 (38-40')		
	42				
		Sandy, Gritty Gravel (GW) Shrp gvl. w/ small chips: qtz & tz (carb). Sand (SW) poorly sort'd, Poorly rd'd - sub∠ qtz + other; m-tn (2.5 yR 7/4)			
45					
50			N-114-88-5 (50-52')		

Project: USA THAMA N-TEAD	Boring: N-114-88	Page: 3 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50		Gravels (GW-GP) Small to med size: (1/4"-1"±) pbls and small to med. sharp chip: qtzite, carb, slates. Sand & Clayey sand variable.			w̄ air @ ~1200 CFM
55					
60			N-114-88-6 (58-60')		
65					
70			N-114-88-7 (68-72')		
75					
80	82		N-114-88-8 (80-82')		
		Gritty Sand (SW) f-c.g. poorly srt'd Subrd-subc qtz & rock frags. dk or-brown (10YR 5/4) damp. (w̄ v. small gvl chips)			
85	86				
		Pea Gravel, (Sandy, Pebbly)			
	88	Sand (SW) qtz; f-m.c.g. Poorly srt'd -subc. Brown (~10YR 5/4)			
90	92		N-114-88-9 (90-92')		
		Sandy Gravels (GW) w̄ var chips. Hddk; qtzite, carb; slates pbls mod subc-subrd.			
95					
	98		N-114-88-10 (100-102')		
100					

Project: USATHAMA N-TEAD	Boring: N-114-88	Page: 4 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		98' Sandy Gravels: gm small 1/2" ± pbls; subc - poorly rd'd n chips - (unit varies in tightness) ~60% Tm & or qtzites 40% dark carb & slates			
105					
110			N-114-88-11 (108-110)		
115					
120			N-114-88-12 (120-122)		
125	124	Silty-Clayey Sand (SP/SM-C) f.g. dR rd'sh brown (10YR4/3) mud cohesive, sly plastic)			
	126	Sandy Gravel. (GS)			
	128	Clayey Sand (SC)	N-114-88-13 (128-130)		
130		Sandy Gravel (GS) as 126-128'			136' - started injecting (dry returns clogging hammer housing)
135	135	Sand			
	136	Sandy-gritty Gravels (GW) hard: small-large chips + gritty fract. mixed slates, carb & var. qtzites subrd - subc			
140			N-114-88-14 (138-140)		
145					
150			N-114-88-15 (150-152		

Project: USATHAMA N-TEAD	Boring: N-114-88	Page: 5 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		Sandy Gravels (cont.)			
155					
160	160	Small gravel w red'sh br. sd (7.5YR7/8 - mostly chips	N-114-88-16 (160-164)		— start 5-7-88 —
162	166	Sandy gritty pea w small gravels (GP-GW/GS): ≥ 60% y/-tn qtzite and ≈ 40% dark - Cmk/slate. overall greyish cast (7.5YR6-7/0) - (164-170' incl larger 1" SubC pbls) (170-174) predom. pea gravel -			- injection water returning cutting in slugge. - drilling ~3 ft, driving casing a ft.
165					
170	170		N-114-88-17 (170-172)		
175		(174-182) incl 1" + SubC pbls. overall greyish to 182".			
180			N-114-88-18) (182-186)		
	182	Gravel with f. silty sand (GP+SM) fine w injection water pinkish (7.5YR8/2) (Slopes)			
185	?	Coarse Sandy Gravel (GS) - 1/2" - 1" + SubC - subrd pbls w c. grit & sds: pbls gen. flatish. mixed vcc qtzite & Cmks & slates.			
190			N-114-88-19 (190-192)		
195					
	196		N-114-88-20 (200-202)		
200					

Project: USATHAMA N-TEAD	Boring: N-114-88	Page: 6 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200	GW/GS	Sandy, gritty Gravel. pbls subr-subrd. ¼"-1" qtzite subcubs: SD: vf-silty. qtz, micas, darks. min metallics. overall Hy'l'sh			
205	GS	Gravels, similar to above; pbls, subrd-subr tend to be flattish. Sd: m-fg; fairly rd'd qtz. poss. mostly ground qtzite. overall grayish.	MINED		
210			N-114-88-21 (210-214)		
215	GS	Sandy, gritty. Gravel; pbls to ~1" plus chips. SD: lt bn (2.5yR 6-7/4) Bottom 2', small chips, ~70% qtzite Similar to 200-204'. overall: lt. yellowish.			
220			N-114-88-22 (220-222)		
	GS/GM	Sandy Gravel: pbls >1". subr. w̄ gritty, sdy returns. Sd: fg-silty; qtz, darks, micas.			
225					
230			N-114-88-23 (230)		
235					
240	GW GS	Sandy Gravel: pbls to >1". subr-subrd. As above. Sd: Hy l bn (2.5y 6/4) dries with a brownish cast.	N-114-88-24 (240-242)		start 5-8-8 returns sloppy. injection water lt fines
245					
250					

Project: USATHAMA N-TEAD	Boring: N-114-88	Page: 7 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250					Drilling w̄ Air & water injection
255	GW	Gravel; 1/4"=1" pbls. var metamorphics A.A. qtzite cuts smaller. dries w̄ blue grey cast.			
260			N-114-88-26 (260-262)		
265	G-	Gravel w̄ silty sand: qtz, darks, micas, frag of qtzite. Pinkish tan (10YR 7/3) wet.			
270	GW/GS	Sandy, silty Gravel; pbls subrd. -to 1" & larger. qtzite, carbs; tend to be flat. Dries with blue grey cast.	N-114-88-27 (268-272)		returns very wet ~all injection water returning
275					
280			N-114-88-28 (280-282)		
285	G-	Tight Gravel Mix of large & small chips yellowish small cast			
290			N-114-88-29 (290-292)		
295					
300					Start 5-9-88 damp-drying out

Project: USATHAMA N-TEAD	Boring: N-114-88	Page: 8 of 8

Depth/ Elevation -248	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
300		Sandy Gravel; wt. yl. gy. sd: f-c.g. rd'd - qtz-darks, qtzite frag. (ground rock)			Drilling with air only, returns damp.
305	SW/SG	Brown Sand w/ sharp gravel chips. SD: yl. bn (10YR 5/4) p. sorted. mostly qtz grains: Sly cohesive.			
		Hard Gravel; w/ sd/grit. small pbls chips: Sand, fan (2.5YR 7/4) f-c.g. qtzite frag; w/ 2-% darks.			
310	GP/GS	Sandy Pebble Gravel; sly lmt. pbls gen <1", sub L.	N-114-88-31 (310-312		
315		Hard, Sandy Gravel; as in 307-310			
320	GS GP	Sandy, Pebble Gravel	N-114-88-32 (318-320)		319' wet gvl. water spirting from discharge after adding casing. Diminished when drilling continued.
325		Sly Clayey Sands; gn'sh bn. w/ gvl returns: sub spherical - sub L pbls/chips: drier overall blue gray.	N-114-88-33 (328-330)		328: Inc water flow casing very difficult to drive, ~ stuck. drilled open hole to 340'
330		Tight unit. Gravel & Sand returns; gen fine chips - pbl frags mod. rd'd - mot. qtzite & darks sd: f-c.g; silty.			
335		Crystal tuffs: w/ hornblende, tarnished biotite K-spar relicts in qtz-aphanite matrix. Glassy qtzite w/ lmt. alt; wh (10YR 8/0) - overall blue gray (5Y 7/1)	N-114-88-34 338-340		
340		340 TD			

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-115-88 Page: 1 of 7

Driller & Company: Robert Armstrong / Dave's Drilling

Geologist/Logger & Company: John McDonnell / Weston Signature: John McDonnell

Date Boring Started: 5-20-88 Completed: 6-19-88

Water Levels (from Ground Surface) Drilling Rig: CP200 0-200' 200-248 90

First Encountered: Date:

While Drilling: — Date: --

At Boring Completion: 208.9 Date: 6-22-88

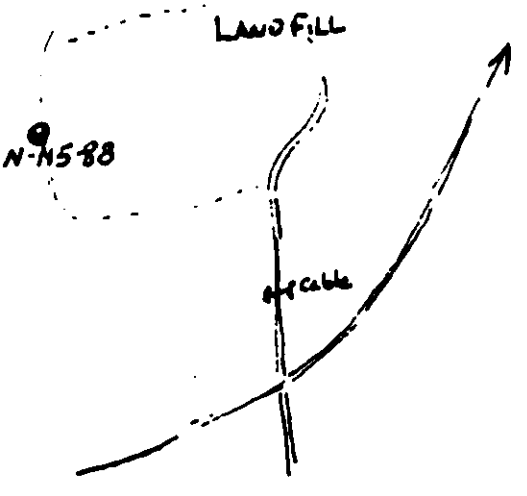
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
5-20-88	8:00 AM	6:PM	0'	90'					
5-21-88	7:00 AM	5:PM	90	170'					
5-22-88	8:00 AM	12:PM	170	180'					
5-23-88	8:00 AM	12:00 N	180	190					
5-31-88	7:00 AM	12:00 N	190	203'					
6-18-88	7:30 AM	5:00 PM	200	255					
6-19-88	7:30 AM	5:00 PM	255	248					

Abbreviations:

Abbr	Meaning
qtz, qtzite	quartz, quartzite
Carb	Carbonate(s)
lm	limonite
feox	iron oxide
f.g	fine grained
m.g	medium grained
c.g	coarse grained
v	very
Sly	slightly
w	with
Var	variable/varied
rd'd	rounded
S.rd'd	subrounded
Sub ∠	sub angular
Pb(s)	pebble(s)
SD	Sand

Location Sketch:



Project: USATHAMA N-TEAD	Boring: N-115-88	Page: 2 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0	GP/SW	Gravely Soil, coarse Sandy Gravel. Pbls: qtzite & dark carbs. Sd: p.srt'd - p.rd'd, qtz.			Drilling w̄ air
5	GS	Sandy Gravel; pea & small chips Sd: 44			
10	GW/GS	Sandy Pebble Gravel. Pbls ~1/2"-1" in upper part, rd'd, gen flattish. Predom. 1"-2" & elongate in lower part. Mix dark carbs & lighter qtzites. Sd: f-mg; wh-ltn qz. 0.4. H bn (2.5 y 7/2)	N-115-88-01 (8'-12')		Injecting for dust control back to drilling w̄ air only
15	GW/GS	Sandy Gravel; ~above Pbls ~1/2"-2", rd'd - subspherical - elongate ~50% chips. Sd: f-mg qz 44.	HNU 20		
20	GP	Pea & Small Pebble Gravel.	N-115-88-02 (20-22')		
		Small chips & pea gvl. 44; carbs & qtzite occ. "granitic"			
25	GP/GW	Small Gravels; < 1/2"-1"; gen. w-rd'd some tending flat.			
30		Gravel; w̄ mod large pbls, to ~2". mod. w rd'd, elongate, to flat. mixed qtzite & darks. (32-40' missing - probably same)	N-115-88-03 (30-32')		
35					
40	GP/S-	Sandy Gravel; pbls small, Sd: yl-tn.	N-115-88-04 (40-42')		
45	GP	Pea and Small-Pebble Gravel. Subr-Sub rd'd - m.g. qtzite plus carbs.			
50					

Project: USATHAMA N-TEAD	Boring: N-115-88	Page: 3 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50		Coarse, Sandy Gravel, (GW/GS) Pbls: ~1/2" to 1"+, & chips. - mixed var. qtzite & darks.	N-115-88-5 (50-52')		Drilling with air.
55					
60		Bottom, Surface Gravels; Top, first Sand Seq. V. Sandy Gravel (GW/GS). chips to 1/2" - Cobbls? - (graded contact or fall in) SD: m-f.g m. rd'd, olive-grey (5Y 6/3, damp) (5Y 7/3, dry)	N-115-88-6 (60-62') HNU=0		
65		olive-grey Sand (S/) (5Y 6/3, dry). Slightly Cohesive, damp. m-f.g. qtz + ~10% dark constituents.			
		olive-grey Sand (5Y 6/3). m-f.g qtz Inc. gvl. w/ depth			
70		V. Sandy pea & mixed pbl. Gravel (GP/SP) Pbls: to 1"±, Larger portion of Chips in Lower 2ft. [gvl interfinger or stringer]	N-115-88-7 (70-72')		
75		Sand, yl-bn (10YR 5/4, damp) m-f.g. m. rd'd rd'sh qtz. plus some inch size gvl.			
		V. Sandy, gritty, Gravel (GW/GS). Pea to 1 1/2" chips: Sand, yl-bn. AA (74-76') [gvl interfinger or stringer]			
80		Brown, Sly Clayey Sand (SP/SC) (10YR 5/4 damp) f.g. w. rd'd qtz. Forms clods.	N-115-88-8 (80-82') For analysis.		
		Brown sand, grit, pea gravel mix (2.5Y 6/2)			
85		Sandy Gravel (GW-GP)(GS) mixed pbls; pea to small pbl. subrd-subr. Grey SD. (2.5Y 7/2)			Tried for spoon sample - returns nil.
90		Sandy pea - small gravel. (GP-)(GS) pbls to ~1/2". larger: sub rd-sub ∠. smaller: mod. w. rd'd. SD. ~AA (84-88)	N-115-88-9 (88-90')		
95		Ruddy Brown, Gravely, Clayey Sand (SG/SC) (10YR 6/3)			
		Brown, gvly, mod clyy Sand (SG/SC) (2.5YR 7/4)			
100		olive, Sandy, pea & pbl gravel (5Y 7/3)			

Project: USA THAMA N-TEAD	Boring: N-115-88	Page: 4 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		Brown SAND (SP) (10YR 5/4 damp, [illegible] f-mf. mw rd'd qtz + minor constit. occ. plate	N-115-88-10 (100-102)		Drilling w/ ACR
	102	gvly, clay SAND, brown 4A. small pbl w/ pea gvl.			
	104	SP, clay - clayey SP gravel. SP. brown 4A.			
105	106	f-g. coherent plates to 1" + rd'd, flattish			
	106	YL brown Sandy clay/clayey SP. w/ gvl. Thumb size clods: SP f-g (10YR 5/4 damp, [illegible] dry)			
	108	gvl - small pbl/ch. p. (Stringer)	(N-115-88-11)		
110	110	yl-bn. Gravelly SAND (2.5Y 7/6) (gvl: pea w/ small pbl + chips)	(110-112)		
		SY - SPY. Pea & small Gravel (5Y 7/2) (SP. 110-114. f-m.g. qtz. p. srt'd, w/ micas			
	114	V. SPY, small pea; prob incl crushed qtz to			
115		Gravel (GP/GW). v. small, sub-w rd'd pbl - SP. f-vc.g. p. rd'd - sub-c qtz. micaceous			
	117	lt gy (2.5Y 7/2). prob qtz, to derived			
	118	small Gravel (Stringer)			
		olv. gy - SAND f.g - gritty w/ qtz to dolomite			
120		med. gvly. (5Y 7/2 dry)	(N-115-88-12 (118-122)		
		grit SAND w/ gvl. (5Y 6/3-2) v. f.g-c.g. w/ micas - gvl. w-sub rd			
		SANDY, pea w/ small gravel. Med-w rd'd pea size: tr v/f sub'd - sub-c (yl) + tan.			
125		SP: f.g - silty, (SP: 2.5Y 6/2) (lt bn-gy)			
		Hard f. pea - sdy grit w/ gvl chips - mostly darks			
	128	SP grit (qtz to) gray (5Y 7/1)			
130		gravel: tan 1"	(N-115-88-13 (130-132')		
135		Pea & small gravel — sub-c - sub-rd			
140		Fine chips	(N-115-88-14 (138-142')		
	142	Pea & small gravel tan gy ( )			
145		Small gravel - w/ pea size - sly larger lighter than above			
150					

Project: USA THOMA N-TEAD	Boring: N-115-88	Page: 5 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		SANDY GRAVEL: irreg - quadrate chips, 1" & less. SAND, lt bn (10YR 6/3), f.g - silty/ clayey - w̄ min lm'c/hm'c spotting	N-115-88-15 (150-152)		Drilling with AIR & injection
155					
160			N-115-88-16 (160')		
165		GRAVEL: chips 1/2" and less w̄ f.g. silty SAND;			
170			N-115-88-17 (170')		
175					
180		REDDISH BROWN SANDY GRAVEL 1/2" to pea size Pbls and chips - SAND; (10YR 7/6) f.g.	N+115-88-18 (180')		
185					
		COARSE GRAVEL >1/2" to 1/ <1/2" to >1"; SANDY: f-mg. lt bn (10YR 7/4)			
190			N-115-88-19 (190')		
195					
200					

Project: USATHAMA N-TEAD	Boring: N-115-88	Page: 6 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200		GRAVEL w̄ silty, clayey SAND & sandy clay. fine chips: qtzite & carb: w̄ feox alt. CLAYEY SAND: lt bn (10YR6/2) f.g	N-115-20-20 (200-205)		Drilling with mud 200 - bottom.
205					
210			N-115-20-21 (210-215)		
215		VERY SANDY GRAVEL: AA. SAND: md. lt bn (10YR6/2) f.g-clayey.			
220		SANDY GRAVEL: qtzite w carb -feox alt. CLAYEY SAND AA 210-215.	N-115-20-22 (220-225)		
225		GRAVEL, w̄ med SAND. m-c.g qtzite, w̄ lm'c alt (feox) dark carb: qtzite-claystone (tuff?) contact viz in chip.			
230		GRAVEL; dark carb and slightly to very feox alt m-c.g, clear-brown qtzites. Poss. Tuff. w̄ manganese(?)/hm. violets. -(Slide in sample)	N-115-20-23 230-235		
235					
240		GRAVEL: w̄ feox alt qtzite and pieces of alt. tuff.	N-115-20-24 (240-245)		
245					
250					

Project: USATHAMA N-TEAD	Boring: N-115-88	Page: 7 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250			N-115-88-25 (250-255)		Drilling with mud from 203' to bottom
255		CLAYEY, SANDY GRAVEL var. qtzites & carbs, A.A. w/. H.bn (10YR 7/4) f.g-silty/clayey sand & sandy clay.			
260			N-115-88-26 (260-265)		
265					
270		GRAVEL. var qtzites & carbs. feOx alt. w/ pnk'sh bn (10YR 7/3) clay.	N-115-88-27 (270-275)		
275					
280		GRAVEL with CREAMY white (10YR 8/2 - 8/3) CLAY (~50-50). (prob. alt tuff)	N-115-88-28 (280-285)		
285		SANDY GRAVEL Sand: lt bn-tn, m-f.g) feOx alt. (10YR 8/3)			
290			N-115-88-29 (290-295)		
295		Var qtzites w/ pervasive feOx alt. -(alt tuffs → clays)			
298	TD		N-115-88-30 (298')		

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-116-88 Page: 1 of 7

Driller & Company: Robert Armstrong / Dave's Drilling

Geologist/Logger & Company: John M. Donnell / Weston Signature: [signature]

Date Boring Started: 6-8-88 Completed: 6-17-88

Water Levels (from Ground Surface) Drilling Rig: CP-7000

First Encountered: — Date: —

While Drilling: ~280' Date: 6-17-88

At Boring Completion: 265.6 Date: 6-18-88

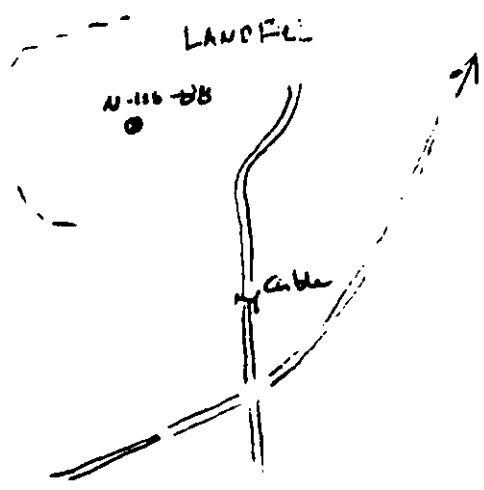
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
6-8-88	7:30 A	4:30 P	0	60					
6-13-88	7:30	4:30	60	120					
6-14-88	7:30	4:30	120	170					
6-15-88	7:30	4:30	170	230					
6-16-88	7:30	4:30	230	260					
6-17-88	7:30	4:00	260	288					

Abbreviations:

Abbr	Meaning
qtz qtzite:	quartz, quartzite
carbs:	carbonate
lm'c	limmitic
subrd:	subround
subc	subangular
mod:	moderately
sdy	sandy
f.g	fine grained
m.g	medium grained
c.g	coarse grained
pbls	pebbles
var	varies
lt.	light
dk	dark
yl	yellow
bn	brown

Location Sketch:



Project: USATHAMA N-ZOOD	Boring: N-116-88	Page: 2 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
5		GRAVEL (G - Sandy - peasized & larger (cobbles by surface expression)			Drilled 6-8-88 with air ↓
		Lm'c Stained Gravel (G) 10YR 8/4)	N-116-88-1 (8-40')		
10		GRAVEL (G). Sandy, gritty, <1/4 to occ 1" & larger. mod rd'd · Grey overall 10YR 7/2 - 5/0)			
15					
20		Lm'c stained Gravel (G) (10YR 7/6) gen small; 1/2" and less Sub rd - Subc - elongate - flat.	N-116-88-2 (20'-23')		
25					
30			N-116-88-3 (30'-32')		
		CLAYEY SAND (SC) f.g. lt bn (10YR 7/2 dry)			
35		SANDY, COARSE GRAVEL (GP-GS) 2"± pbls, mod rd'd w̄ sd & small gravel. lt bn. O.A.			
		Small-pea Gravel (GP/GS) w̄ occ Larger pbl			
40		GRAVEL (GP-GW) pea to large pbl chips. mod rd'd - flat. tan & grey. (10YR 7/3 - 10YR 5/0)	N116-88-4 (40'-47')		
45		SANDY COARSE GRAVEL (GP-GS) pbls to ~1" Sub rd - rd'd - flattish			
50					

Project: USATHAMA N-TEAD | Boring: N-116-88 | Page: 3 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50	G-	Gravel; mod. sdy; pbls to 1" & smaller			
55					
60					
	GS	Sandy Gravel; small pbls			
65		Gravels; < 1/4"-1" pbls; sandy.			
70					
75					
	SC	Clayey Sand; bn (10YR 6/3)			
80	GW	Gravel; small-pea, w/ f-m.g. lm'c, bn. sd.			
85	SC	Clayey Sand; rd'sh bn (10YR 6/3) dry.			
		Clayey, Sandy Gravel			
90		Gravel; gritty - pea - small pbl. ≲ 1/2" 1" flat pbls 96-98' ~1/2" pbls 98-101			
95		at bottom of unit. Sub to well rd'd pbls, ~ 1" & smaller. Subspherical, elongate & flat.			
100					

Project: USATHAMA N-TEAD	Boring: N-116-88	Page: 4 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		Large Pebble Gravel			Drilling with Air ↓
		Sandy GRAVEL Hbn (10YR 8/2)			
105		GRAVEL (GW). Grey OA (2.5YR 4/2) hard. Fine chips & pbls + mx qtzite & dk carbs w/ 1/4"-pea size fr-act & m-f.g. sand.			
110					
		Large Pebble GRAVEL: w/ pbls 1-1 1/2" subrd'd. & m.f. sand.			
115		↓ (graded contact) SANDY GRAVEL: 1/4" to 1" Pbls & chips mixed tan & Grey (qtzite & carb)			
120					
		SANDY GRAVEL. Smaller, predm 1/2 & less w/ upper, mc to 1/2-1" predm. in lower: subrd, olmg. to flattish: SD: m-f.g. poorly rd'd.			
125		HARD GRAVEL: FINE CHIPS			
		SANDY, LARGE PEBBLE GRAVEL: SD: dk rd'sh bn (10YR 7/3)			
130		SANDY GRAVEL: Pbls ~1" & less: Similar to 128-130. SD: lt yl bn (10YR 7/2) f.g.			
		SANDY SMALL GRAVEL: 1/4" & smaller:			
135		GRAVEL: 1" & smaller:			
		SANDY GRAVEL: SD: sub c - subrd: poorly sorted			
		GRAVEL: ↓			
140					
145					
150					

Project: USA THAMA N. TEAD	Boring: N-116-88	Page: 5 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		SANDY GRAVEL (GW/GS) w̄ pbl's to 1"+ of qtzite & carbs. - mixed elongate & flat.			
155		SAND: dark yl bn, clayey, f-m.g. - beads up. (10YR 7/2-7/3)			
160					160' - WENT TO DRILLING WITH WATER INJECTION TO BRING UP CUTTINGS
165		SANDY GRAVEL (GS) Pbl's & chips to 1"+, sub - poorly rd'd.			
170		SAND (SW) lt-bn (2.5YR 8/2 dry) f-c.g.			
175					YELLOW-BROWN RETURN WATER.
180					
185					
190		VERY SANDY GRAVEL (GS) Pebbles & chips to 1 1/2". SAND: lt bn (1 1/2 7/3): f-c.g. - poorly sorted.			
195					
200					

Project: USA THAMA N TEAD	Boring: N-116-88	Page: 6 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200					Drilling with water injection.
205					
210		VERY-SANDY GRAVEL (GW/GS) Pbls to chips, over 1" - down to grit size. SAND: lt. pale brn, mc-fg; var: silty, clayey. (2.5YR 8/2-4)			
215					
220		VERY-SANDY GRAVEL. mostly fine chips, ~20% pbl frags to ~1". SAND: yl brn; f-c.g. Subl-pird.			
225					
230		Dark-yellow-brown-SANDY GRAVEL. Frags from <1/4 to over 1" - larger, quadrate. SAND: vs v.c.g. - Subl-pird: - silty. (SW) (10YR 7/4)			
235		SANDY GRAVEL (GS) Pbls to 1 1/2" in 232-234 SAND, overall; lt brn (10YR 8/3) f-c.g (SW)			
240		Hard zone - small chips.			
245		Pbls to over 1"			
250					

Project: USATHAMA N-TEAD | Boring: N-116-88 | Page: 7 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250	G	Gravel.			
255					
260	GS	Sandy Gravel; pbls & chips to ~1" qtzite & carb. - Sand: Salmon brn (10YR 7/6) dry; f-m-c & silty.			
265	GS	Sandy Gravel; pbls & chips to >1". prob med. cbls. Sand: lt brn (2.5Y 6/4) f-c.g, silty, p-w rd'd - prob. qtzite derived.			▲ W.T. 265.6 A.M. 6-18-88
270	G	Hard gravel; small chips, qtzite & dark carbs.			
275					
280	GS	Sandy Gravel: Sd: yl brn (2.5YR 7/4) f-m.g, sly clayey-silty. V. Sdy in 282-284 interval.			
285	GS	Sandy Gravel: V. coarse gvl. freqp. cbls & large pbls. - to 1½". Sand: clear-white & yl qtz, f-c.g; subd-p. rd'd; + accessories.			285' blowing water no injection
290	TD 288				finished 6-17-88
295					
300					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-117-88 Page: 1 of 6

Driller & Company: Robert Armstrong ; Dave's Drilling

Geologist/Logger & Company: John McDonnell, WESTON Signature: John McDonnell

Date Boring Started: 6-27-88 Completed: 7-7-88

Water Levels (from Ground Surface) Drilling Rig: CP 7000

First Encountered: Date:

While Drilling: 220' Date: 7-7-88

At Boring Completion: 218 Date: 7-7-88

Drilling Shifts:

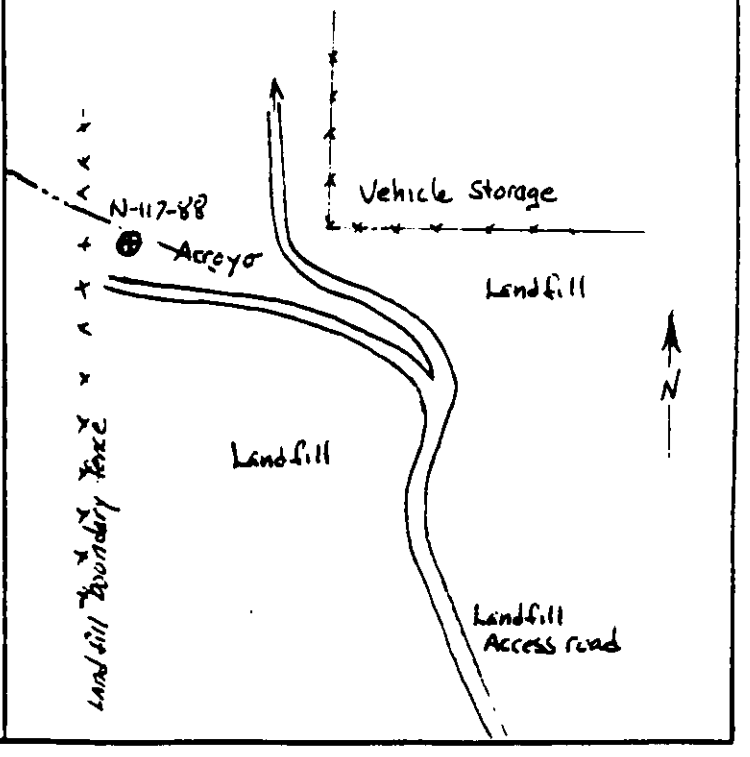
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
6-27-88	8:00 AM	6:00 PM	0	95					
6-28-88	7:00 AM	5:30 pm	95	165					
6-29-88	7:00 AM	12:00 noon	165	200					
7-6-88	12:00 noon	5:00 pm	200	225					
7-7-88	7:00 AM	5:00 pm	220	241					

Abbreviations:

Abbr	Meaning
Sd.	Sand
gvl	gravel
pbl	pebble
cbl	cobble
lm	limonite
qtzite	quartzite
Carb(s)	carbonate(s)
f.g	fine grained
m.g.	medium grained
c.g	coarse grained
rd'd	rounded
subrd	subround(ed)
P.rdd	poorly rounded
Subal.	subangular
rd	red
yl	yellow
bn	brown
gy	gray
lt.	light
sly	slightly
mod	moderately
bl- blue	
olv- olive	
mm - minimal	
var. various/varieties	

Colors from Munsell Color Chart

Location Sketch:



Project: USA THEMA N-TEAD	Boring: N-117-88	Page: 2 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
5		Gravel; lt grey, sandy. Small chips, predom qtzite, subrd carbs. Sand: lt brown (10YR 8/2), m-f.g. p.rd'd, incl rock debris.			Drilling with air alt 1ft advances, 1ft casing drives. ↓
10		SAND (SW) lt. olv bn (2.5Y 7/2) m qtz-wh & yl-gn bn. w̄ subrd darks & micas. Incl f.g. fraction.	N-117-88-1 (-10')		
15					
20			N-117-88-2 (-20) HNU = 0		
25		Becomes gravely toward base			
30		GRAVEL: <1/2"-1" chips & pbls. vor qtzites and dark carbs. w̄ m-cg, subr-p.rd'd, lt bn (10YR 6/2) SAND.	N-117-88-3 (30')		
35					
40		Clayey SAND and GRAVEL: c.gvl, >1". SD (SW) poorly sorted, vc-f.g. ruddy-lt bn (-10YR 7/3)	N-117-88-4 (38-40') HNU = 0		
45		SAND, brown (10YR 6/4), mod gvly. - f.g. - clayey.	N-117-88-5 (-50')		
50					

Project: USA THAMA N-TEAD | Boring: N-117-88 | Page: 3 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50		Sand: lt rdsh bn (10yr5/4) Sly clayey; f-m.g. clods up.			
55					
60		Sand, as above sly cohesive-damp crumbles when balled-up.			
65	G/ SW	Sand and Pea Gravel. sd: f.g-gritty lt bn (10yR 7/3)	N-117-88-06 -65'		
70	GS	Sandy Gravel; <½"-1" subrd-subl pbls	N-117-88-07 -70'		
75	SW	Sand, yl bn (10yR 7/3), m-f.g. Subrd w lm specs. Incl. large-pble gul.			
	CS	Sandy Clay, dk olu bn & grey clay (10yR 7/1)	N-117-88-08 (78')		Drilling with water injection to bring up cuttings.
80	SM/ SC.	Sand; lt. bn (10yR 7/2-7/3) f.g silty, clayey; dries hard.			
85					
90		Clayey Sand, lt-gy bn (10yR 8/2)	N-117-88-09 88-90		
95		Clay; lt. grey (10yR 8/1) w min fecr splotching			
100			N-117-88-10 100'		

Project: USATHAMA N-TEAD | Boring: N-117-88 | Page: 4 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100	C-	Clay; lt bl-gy. (10YR 7-8/1) w̄ occ gvl.			Drilling w̄ injection return fluid turning grey from brownish.
105		107-108'. Split spoon grey, sticky clay w̄ lmc specks & dk bn films (prob organic)	N-117-88-11 107'-108'		
110					
115			N-117-88-12 115'-		
120					
125	SW GW	Clayey, gravely Sand, ltgy (10YR 7/2) dry. SO: f-g-c-g. mod. rd'd.			
130			N-117-88-13 130'-		
135					
140		Coarse, Clayey, Sandy Gravel. pbls >1"; Subrd-Subr; flattish.	N-117-88-14 140'		
145					
150			N-117-88-15 150'		

Project: USA THAMA N-TEAD	Boring: N-117-88	Page: 5 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150	GS/GC	Sandy, Clayey Gravel	HNu = 0		
155					
160			N-117-88-16 160'		
165					
170		very Sandy Gravel. sd: pale brown (10yR 6/3); m-f.g mod rd'd.	N-117-88-17 170'+		
175	GC/ GS)	Clayey, Sandy Gravel. brown (10yR 6/3) - wet.			
180					
185			N-117-88-18 185'		
190	G.S	Sandy, pea & small gravel. chips to ≃2". - carbs & var. qtzite Sand. - c.g.	N-117-88-19 190'		
195					
200					

Project: USATHEMA - N-TEAD	Boring: N-117-88	Page: 6 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200		Brown SANDY GRAVEL (GW) - irreg chips 1" & less. SAND: f.g-silty: 10YR6/2 dry to 5/4 moist. (yl bns)	N-117-88-20 (200') HAN = 0		Drilling w/ air and water injection.
205		SANDY GRAVEL (GW); pea to large pbl & poss cbl - Mx qtzite & carbs. SD: (SW) m-c.g. & F-silty. 10YR7/2 (lt gy) & 2.5YR7/4	(N-117-88-21) (208-210')		Color change from dark brown to dark yl.
210		SANDY GRAVEL (GW). pea to 1" chips - incl red SS pbl as minor constit. Sd: f-c.g, (SW) poorly rd'd to sbc qtz. dark orange alt. around spinels. - in part crushed rock. (10YR7/2 & gy)			
215		Ruddy Brown SANDY GRAVEL C. chips. Sd: m-f.g-silty 10YR6/6 - brownish yl.	(N-117-88-22) (218-220)		Water indicated in hole returns dark reddish brown - 218-220' Turning yl. grey after 220'
220		SANDY GVL (GW/GS): w/ SD, f.g: pale brown (10YR7/3			
225		SANDY pea & small gravel. (GS) pbls subrd-subc; occ 1" chips. Sd: m.f.g-subrd. yl bn, 10YR5/4 moist			
230		Pea to Coarse GRAVEL w/ Silty SAND: 10YR7/2, lt. gy	N-117-88-23 (229-230) HAN = 0		
235			N-117-88-40 (236-230')		
240		C. GRAVEL; poss. cobbles at bottom.			Returns. Vlt/whitish grey.
	240 TD				
245					
250					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-118-88 Page: 1 of 7

Driller & Company: Marty Peterson, Daves Drilling

Geologist/Logger & Company: Joe Fritts WESTON Signature:

Date Boring Started: 7/8/88 Completed: 7/11/88

Water Levels (from Ground Surface) Drilling Rig: Chicago Pneumatic

First Encountered: 18' very moist Date: 7/8/88

While Drilling: 235' Date: 7/11/88

At Boring Completion: Static 222' Date: 7/12/88

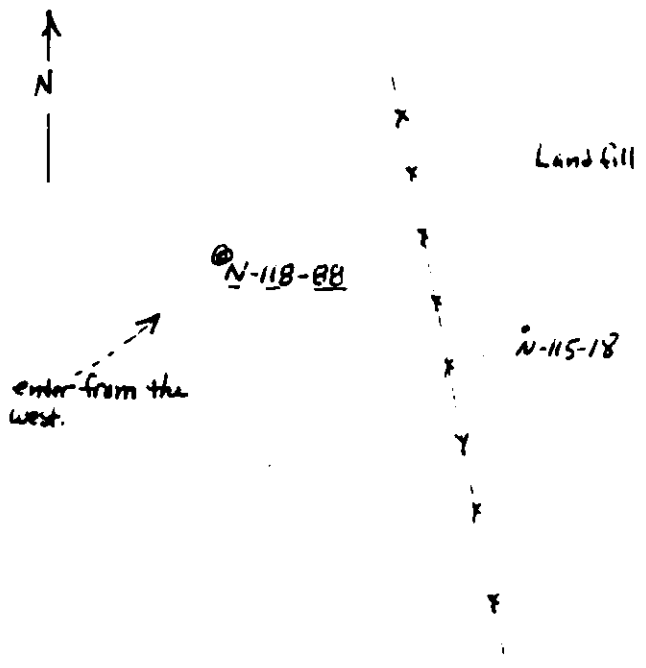
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
7-8-88	12:00 pm	5:00 pm	0'	58'					
7-9-88	8:00	2:00	58	98					
7-10-88	10:00	1:30	98	178'					
7-11-88	8:00	3:30	178	258					

Abbreviations:

Abbr	Meaning
trace	<15%
Some	15-30%
med	medium
pl	plasticity
V	very

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-118-88 | Page: 2 of 7

Depth/ Elevation (ft)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0	GM	Silty gravel, 30% silt, trace fine sand. light gray 10YR7/1, gravels are poorly sorted subrounded to angular, loose, dry, alluvial			drill w/ rotary air
5					
	CL	Clay, trace silt, light gray 10YR7/1. mod pl, loose, dry; alluvial.	001		7-8' HNU=0
10					
15			002		17-18
	CL	Same as above, but v. moist			
20					
25					
30		Note: no longer to give moisture content - drilling w/ injection.	003		27-28' go to water injection to clean wet clay.
35					
40		Same as above, but some interbedding of v. fine sand	004		38-40, split spoon HNU=0.1
45					
			005		45-48
50					

Project: USATHAMA N TEAD | Boring: N-118-88 | Page: 3 of 7

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50	GP	Gravel, some poorly sorted, subrounded sand, light gray 10YR 7/1; subrounded to subangular. Loose, alluvial/gravels poorly sorted.	006		50-51'
55					
	GP	Gravel, trace poorly sorted, subrounded sand, light gray 10YR 7/1, subangular loose, poorly sorted, alluvial	007		↓ 7-9-88 60-61' HAND. L
60					
65					
70					
75	C	Clay			
	GP	Sandy gravel, 35% fine to coarse subangular sand, 10YR 7/3. Subrounded, loose, fine to coarse gravels; alluvial.	008		76-77
80					
85		Same, except gravels are rounded to subrounded.	009		87-88 HAND
90					
95					
100					↓ 7-10-88

Project: USA THAMA N-TEAD | Boring: N-118-88 | Page: 4 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100	GM	Silty Gravel, trace Sand, 35% Silt, 10YR 7/3 (V. pale brown). loose gravel is subrounded, poorly sorted, alluvial	010		100-101'
105					
110	GP	Sandy Gravel, trace Silt subrounded, poorly sorted Sand, 10YR 7/3 V. pale brown, loose. Gravel is subrounded, fine, alluvial.	011		110-111' HNU=.1
115					
120	GW	Gravel, 10YR 7/3, light gray subrounded to subangular medium gravel, alluvial	012		120-121
125					
130	GW	Gravel, trace Sand. Sand is angular, coarse, 10YR 7/3 light gray loose, subangular to angular, fine gravel; alluvial	013		130-131' HNU=0
135					
140	GM	Silty Gravel, trace Sand, 30% Silt 10YR 5/3 brown, loose. Subangular, poorly sorted, fine to medium gravel alluvial	014		140-141
145					
150					

Project: USATHEMA N-TEAD | Boring: N-118-88 | Page: 5 of 7

Depth/ Elevation (ft)	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		Same	015		150-151
155					
160		Same, except gravels are fine to coarse	016		160-161 HNUC.1
165	GP	Gravel, trace Sand. Sand is Subangular, coarse. 10YR 7/3 v. pale brown, loose. Angular to Subangular, fine to med gravels; alluvial			
170			017		170-171
175					
180	GP	Gravel, trace Sand. Sand is Subangular to Subrounded, Coarse 10YR 7/3 v pale brown. Round to Subrounded med gravels alluvial.	018		180-181 HNUC.1
185					
190	GP	Gravel, trace Sand, Sand is Subangular, Coarse. 10YR 6/1 gray loose, Angular. fine to med gravel alluvial	019		190-191
145					
200					

Project: USA THAMA N-TEAD | Boring: N-113-88 | Page: 6 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200	SW	Sand. 10YR 7/3, v. pale brown subangular, well sorted, coarse sand	020		200-201 HNU: 1
205					
210	GP	Sandy gravel. 40% subrounded, fine to med. poorly sorted sand. 10YR 7/3 v. pale brown. loose Angular to subangular, fine to med gravel, alluvial	021		210-211
215					
220	GM	Silty Gravel, 45% silt 10YR 7/3, V. pale brown, mod pl Stiff. Subrounded, fine to med poorly sorted gravel, alluvial	022		220-221 HNU CO
225					
230	GW	Gravel, 10YR 6/1, gray, loose, Angular, poorly sorted, fine to medium gravel; alluvial	023		230 231
235					Water at 235
240	GP	Gravel, Some Sand. Sand is sub-rounded, poorly sorted, fine to coarse 10YR 6/1, gray. loose, Subrounded to subangular, V. Poorly sorted fine to coarse (up to 2½") gravel, alluvial	024		240-241
245					
250					

Project: USATHAMA N-TEAO | Boring: N-113-88 | Page: 7 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250		Some gravel	025		250-251
255					
					Stop drilling, 258'
260					

BORING LOG GENERAL DATA

Project: USA THAMA N-TEAD Boring: N-119-88 Page: 1 of 7

Driller & Company: Marty Peterson, Dave's Drilling

Geologist/Logger & Company: John McDonnell, WESTON Signature: [signature]

Date Boring Started: 7-13-88 Completed: 7-20-88

Water Levels (from Ground Surface) Drilling Rig: CP 2000

First Encountered: 270 Date: 7-14-88

While Drilling: 275 Date: 7-20-88

At Boring Completion: 265 Date: 7-21-88

Drilling Shifts:

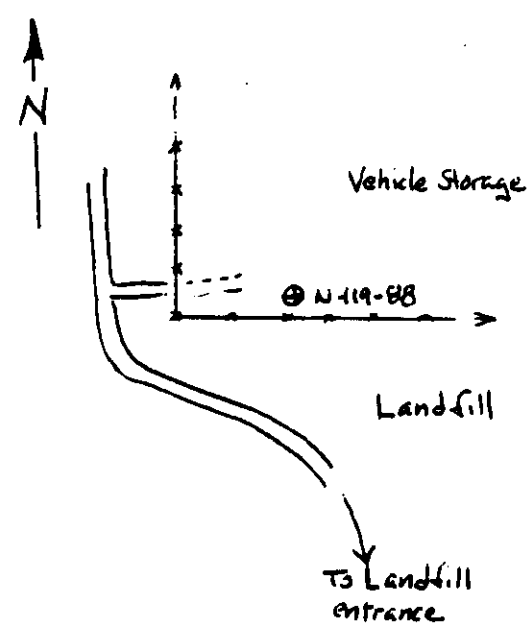
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
7-13-88	7:00AM	3:30 PM	0	60'					
7-18-88	7:00 -	5:00 -	60	165'					
7-19-88	7:00	5:00	165'	255'					
7-20-88	7:00AM	5:00 PM	255'	280					

Abbreviations:

Abbr	Meaning
Sd	Sand
gvl	gravel
pbl	pebble
cbl	cobble
feox	iron oxide
qtzite	quartzite
carbs	carbonates
f.g	fine grained
m.g	medium grained
c.g	coarse grained
rd'd	rounded
∠	angular
Sub -	sub
P.	poorly
rd	red
br	brown
yl	yellow
gy	gray
lt.	light
dk	dark

sdy - sandy
cal - caliche
cmt - cement

Location Sketch:



Project: USATHAMA N-TEAD	Boring: N-119-88	Page: 2 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
		Sandy GRAVEL w/ large cobbles, 7YR 8/2 w/ siltstone lenses 1-2cm thick - 5Y 7/2)			
5		SMALL Pbl GRAVEL, sandy, gritty. - pbls 1" in sc, elongate, flattish, p.rd'd			
10			N-119-88-1 (8-10')		
		PEA & small pbl gravel			
15					
		Bimodal GRAVEL; Ltbn Sandy (GP-GP/GS). Large pbls to 4 1/2" subc - poorly rd'd, flattish, Small, gen less than 1/2" to peasize. SD: mf. sc. p.rd 10YR/4/2			
20			N-119-88-2 (18-20')		
		GRAVEL: mixed; PEA to large pbl; >1 1/2" range. (GW/GS) Sandy; f-mc.g- p.rd'd. qtz. - 10YR 7/2 - lt. gy.			
25					
30			N-119-88-3 (30')		
35		"HARD" GRAVEL mixed small (≈1/2") pbls and chips.			
40			N-119-88-4 (40')		
45					
50		GRAVEL. Mixed small to large pbl			

Project: USATHAMA N-TEAD	Boring: N-119-88	Page: 3 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50		↓	N-119-88-5 (50')		
55		COARSE SANDY LARGE PEBBLE GRAVELS Pbls to 2" n more. Sub rd, gen flat. · Stream warn. fines: Sands & Grits; — c.g. sub-rd (Smaller pbls in 1" to pea size range) ↓ Sand; 10YR 7/3 Pale Brown			
60			N-119-88-6 (60')		
65					
70			N-119-88-7 (70')		
75					
80			N-119-88-8 (80')		
85					
90		↓	N-119-88-9 (90')		
95		Lt. brown (10YR 6/3) Silty Gravel Small pbl: 2½" Matrix fine grained – silty ↓ becoming light grey below 100 ft			
100					

Project: USATHAMA N-TRAD | Boring: N-119-88 | Page: 4 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		(Grey, Silty/SANDY GRAVEL, Cont. from 94', previous page.)	N-119-88-10 (100)		
105					
110		LARGE PEBBLE GRAVEL (to 2" or more) with silty, limy cement.) (2.5Y 8/1)	N-119-88-11 (110-)		
115		CLAY, lt. green (5Y 8/1) dry)	N-119-88-12 (115-117)		
120					
		Brown (10YR 8/3) Silty CLAY and GRAVEL. Silt (10YR 8/3)			
125					
130			N-119-88-13 (130-132)		
		GRAVEL; w/ silty, limy, f-mc. sandy matrix. 10YR 8/2			
135					
140		COARSE GRAVEL w/ silty, limy f-cg sandy matrix, 10YR 8/2 (Lighter than above, prob. more lime) ?	N-119-88-14 (138-140)		
145					
150					

Project: USATHAMA N-TEAD | Boring: N-119-88 | Page: 5 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150	G	Gravel; w/ limy f-m.c.g Sd. lt.gy. - Cemented.	N-119-88-15 148-150'		
155					
160		Coarse at bottom, large Pbls & poss cbl frags	N-119-88-16 158-160'		
165	G.	Large-Pebble Gravel w/ v. Sdy Cal. Cmt. Pbl frags to 1½" +	N-119-88-17 168-170'		
170					
175					
180			N-119-88-18 178-180		
185	GS	Sandy Gravel large pbls - poss cbls. Sd, lt.bn — c.g, silty.			
190			N-119-88-19 188-190		
195					
200			N-119-88-20 198-200'		

Project: USATHAMA N·TEAD | Boring: N-119-88 | Page: 6 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200	G-	Gravel; coarse, rough frags. to >2"; qtzites & carbs w/ Silty, Sandy Cal. Cmt. Tuffaceous. Fe ox spotting. Sd. 10YR 8/1-7/2			
205					
210			N-119-88-21 208-210		
215					
220			N-119-88-22 218-220		
225	GS	Very large pebble & cobble bed. Frags to >3". Sand matrix lt bn (10YR 7/3). Silty.			
230	GS	Sandy Gravel, lt bn (10YR 7/3). Gvl: pea size to >1". pbls subrd-p.rd'd. carbs & qtzite. Sd: f-m.g, silty. phlogopite noted.	N-119-88-23 230		
235					
240			N-119-88-24 238-240		
245	GW	Gravel pea to large pbl w/ andesite & pink tuff frags.	N-119-88-25 248-250		
250					

Project: USA THAMA N-TEAD | Boring: N-119-88 | Page: 7 of 7

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250					
255		Contains pnk'sh ppl. porphyritic tuffs w̄ dk rd hm'c alt on pyroxenes.			
260		Brown Sandy GRAVEL: (GW/GS) mixed qtzites & carb, <1/2 to 2"+ pbls & poss clds. min alt duff returns Sand: as coarse grand: FeOx alt pervasive micas — 10YR 8/4	N-119-88-26 (258-260)		
265		Coarse Gravel, pbls to 2"+ — qtzite, carb: occ. frosty Tuff — unit cemented w̄ sandy caliche: FeOx alt in planes in qtzite. (D.A. Fines 10YR 7/4)			
270		Yellow brown (10YR 7/4-6) Silty Sandy Gravel (GW/GS).	N-119-88-27 (270-272)		
275		Coarse Gravel w̄ sandy caliche cement; lt. grey 10YR 8/1-2) Small gravels, gen <1" to pea size. matrix silty (clayey?). m-c.g sd.			275 hit abundant water sudden inc in flow cust injecting.
280	TD		N-119-88-28 (278-280)		

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-120-88 Page: 1 of 8

Driller & Company: Marty Peterson ; Dave's Drilling

Geologist/Logger & Company: John McDonnell, WESTON Signature: [signature]

Date Boring Started: 7-21-88 Completed: 7-26-88

Water Levels (from Ground Surface) Drilling Rig: CP 7000

First Encountered: 295 Date: 7-26-88

While Drilling: - Date: -

At Boring Completion: 293 Date: 7-26-88

Drilling Shifts:

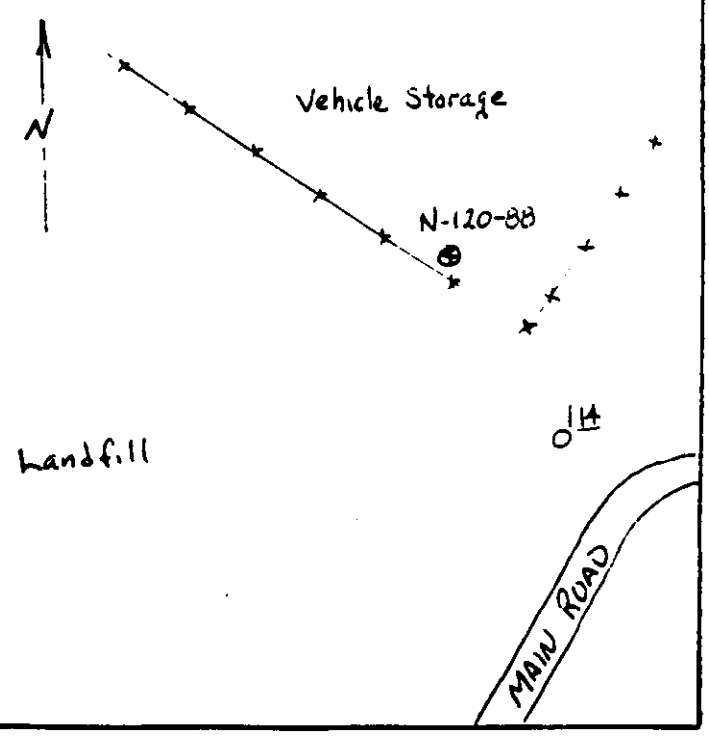
Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
7-21-88	7:00 AM	5:00 PM	0'	35'					
7-22-88	7:00	5:00	35	105					
7-23-88	7:00	5:00	105	210					
7-24-88	7:00	5:00	210	236					
7-25-88	7:00	5:00	236	276					
7-26-88	7:00 AM	4:00 PM	276	321'					

Abbreviations:

Abbr	Meaning
Sd	Sand
gvl	gravel
pbl	pebble
cbl	cobble
qtz	quartz
qtzite	quartzite
carbs	carbonates
Cal	calcareous, caliche
f.g	fine grained
m.g	medium grained
c.g.	coarse grained
f.	fine
c.	coarse
sub'd	subround
subr	subangular
rd	red
yl	yellow
bn	brown
gy	gray
lt	light
dk	dark

Colors from Munsell Color chart.

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-120-88 | Page: 2 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0	GW/GS	Sandy Gravel: Small-med. qtzite & carb pbls Sd: lt bn (10YR 8/2) silty			Drilling with Air.
5					
10			N-120-88-01 10'		
15					Drilling with water injection.
20	GP/GS	Large Pebble Gravel. lt yl bn (10YR 8/4)	N-120-88-02 20'		
25	GW SW	Mix. Cobble gravel & ltgn-sy fine silty Sand. (Cobbles may be fall in - returns a mix of both units)			
30			N-120-88-03 30'		
35	GS	Sandy Gravel: pass sieve to ~1" pbls - occ. to >3", qtzite & carbs.			
40			N-120-88-04 40'		
45	GP/GS	Very Sandy, large pebble & cobble Gravel. to 4" rock returns' caliche, (10YR 8/1)			
50			N-120-88-05 50'		

Project: USATHAMA N-TEAD | Boring: N-120-88 | Page: 3 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50	GW	Coarse Gravel: pbls & frags to 1.5" · Subrd. var qtzite & carbs, w̄ cal.			Drilling w̄ water injection. ↓
55	GW/GS	Sandy, Cobble Gravel: pbls small-> 3". flattish & elongate. Sd: lt bn (10yR 7/2) m-c.g.			
60	GS.	Sandy Gravel: pea size - gritty. lt bn (10yR 7/2-7/3)	N-120-88-06 60'		
65	GS	Very Sandy, large-pebble Gravel. pbls to > 2", Subrd - Subl. Sd. lt bn (10yR 7/2-7/3) f.-c.g.			
70	GW	Gravel: small pbls & chips to > 3" larger fraction tends to be elongate & flat, Smaller fraction: Subrd-Subl.	N-120-88-07 70'		
75					
80			N-120-88-08 80'		
85					
90	GS	very Sandy, Coarse Gravel pbls to ~2", qtzite & carbs. Subl-Subrd. Sd: lt bn (10yR 6/4) f.g - Silty.	N-120-88-09 90'		
95					
100			N-120-88-10 100'		

Project: USA THAMA N-TEAD	Boring: N-120-88	Page: 4 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		brown, coarse, sandy gravels cont. from 90'			
105					
110		Large pbls - >2", sub-, quadrate inc to 4" n sr.	N-120-88-11 110'		
115		very sandy - esp. 115-120' Hbn (10YR 8/4) f.g.-silty.			
120		cobbles - 120-125'	N-120-88-12 112'		
125	G-	Gravel: pea to <1"			
130		Sandy, large pbl/cbl. gravel. Sd: Hbn (10YR 7/3)	N-120-88-13 130'		
135		Pea & Small pebble Gravels - Sandy. Hbn (10YR 7/3)			
140			N-120-88-14 140'		
145					
150			N-120-88-15 15'		

Project: USA THAMA N-TEAD	Boring: N-120-88	Page: 5 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150	GW/ GS	Sandy, large pebble/cobble gravel pbls <1/2" to >2"; Subr; larger nd do be flattish. - mix qtzites & carbs. Sd: lt bn (10YR 8/2) f.g. - silty.			Drilling w air & water injection.
155					
160			N-120-160	88-16	
165					
170	GS	Sandy Gravel, w coarse streaks. pbls & frags, pea to 1". - qtzites & carbs.	N-120-170'	88-17	
175					
180			N-120-180'	88-18	
185		streak w 2"+ chips			
190			N-120-190'	88-19	
195		streak w 2"+ pbls & chips			
200			N-120-120'	88-20	

Project: USATHAMA N-TEAD	Boring: N-120-88	Page: 6 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200	GS	Sandy Gravel Pbls to ~1", qtzite & carbs. · feox specs.			Drilling w/ air & water injection.
205					
210	GS	Small gravel with Sd; H bn (10YR 8-7/2) f.g.	N-120-88-21 210		
215	GP	Coarse Gravel; pbls to ~1½"			
220			N-120-88-22 220'		
	G-	Gravel; small pbl & pea size. - qtzite & carbs.			
225	GS	Sandy Gravel, hard. - pbls & chips to ~2". Calc.			
230			N-120-88-23 230		
235					
240			N-120-88-24 240'		
245					
250			N-120-88-25 250'		

Project: USA THAMA N-TEAD | Boring: N-120-88 | Page: 7 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
250	GS	Sandy Gravel, hard. frags to 2" - Calc.			
255					
260			N-120-88-26 260'		
265	GS	Lt. brown Sandy Gravel: to ~1" frags. SO: Lt. bn (10YR 8/2) - m-fg.			
270			N-120-88-27 270'		
275					
280			N-120-88-28 280'		
285	G	Gravel: pea to 2" pbls w/ Lt Gy (2.5YR 8/1) Sdy Cal.			
290			N-120-88-29 290'		
295	GS	Sandy Gravel, pbls to 2" Sd: Lt bn (2.5YR 8/2)	N-120-88-30 300'		
300					

Project: USATHAMA N-TEAD	Boring: N-120-88	Page: 8 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
300	GS	Sandy Gravel: pbls to ~1", qtzites & carbs feox alt in sub< pbls Sd: m.f.g.			
305					
			N-120-88-31 310'		
310					
315					
			N-120-88-32 320'		
320		TD 321'			
325					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-121-88 Page: 1 of 4

Driller & Company: DALE ZAHN SERGENT, HAUSKINS & BECKWITH

Geologist/Logger & Company: DOUG PERRY, WESTON Signature: [illegible]

Date Boring Started: 5-17-88 Completed: 5-17-88

Water Levels (from Ground Surface) N/A Drilling Rig: CME-55

First Encountered: Date:

While Drilling: Date:

At Boring Completion: Date:

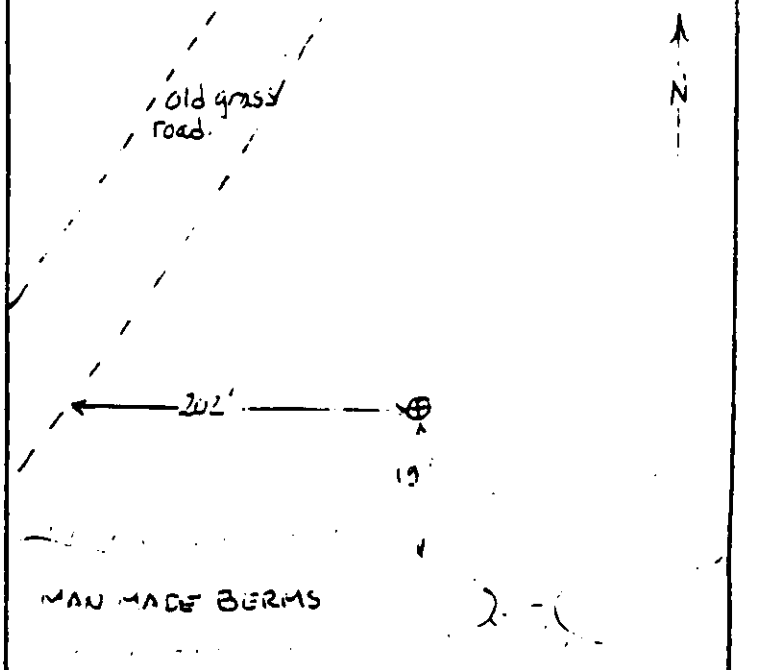
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
5-17-88	1:50pm	4:15pm	0'	50'					

Abbreviations:

Abbr	Meaning
Trace	<10%
Some	10-25%
NAB	- No Apparent bedding
qtzite	- quartzite
Carb	- Carbonates
V.	- Very

Location Sketch:



Project: USATHAMA N-TEAD | Boring: N-121-88 | Page: 2 of 4

Depth/ Elevation (ft)	USCS Symbol/ Core Sketch	Soil/Rock Description All colors reference to Munsell Soil Color Charts	Sample Number & Depth	Blow Count & Recovery	Drilling Data - Using ring sampler 10 lb hammer dropped 30"
		Ground Surface			
0		Surface gravels bulldozed			- Hollow Stem Auger
	GM	Observed from cuttings. Raining. top layer saturated.			- Using catcher screen in bottom of 1ft x 2in sampler; due to gravels falling out.
2		- Silty Gravels: gravel-sand-silt mixture 70% qtzite, 30% carbs. Small cobble size up to .4' (size) Trace fine sand & silt.			HNU = background
4					4.5'
	GP	Poorly graded gravels - gravel sand mixture. 1.5-1.0 ϕ size sands. very pale brown (10YR 8/3). Trace silt. moist, NAB.	N-121-88-01	50 / 49	75% recovery 0.75'
6					5.5'
8					
					9.5'
10	GP	- Poorly graded gravels. weak red qtzite, 10R 4/4 Alluvial deposit, NAB.	N-121-88-02	44 / 56	50% recovery 0.5'
					10.5'
12					Drilling is easier
14					HNU = background
					14.5
		- more sand evident Sand is finer; 3.0-3.5 ϕ size, v. pale brown, NAB, dry - Carb & qtzite gravels	N-121-88-03	100	50% recovery 0.5'
16					15.5
18	GP	Pinkish white quartz, 5YR 8/2 carbs - 3%, qtzite ~70% v. dark gray-black carbs, 2.5Y 4/3-N/2 NAB, dry.	N-121-88-04		
20					

Project: USATHAMA . N·TEAD	Boring: N-121-88	Page: 3 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
23'	GP	Poorly graded gravels: altered physically. Cobbles are subprismoidal to spherical/rounded to well rounded - alluvial deposit.			
22'		{less sand. back to dry gravels} at 19.5-20.5			
24'	GP	-24.5', poorly graded gravels {pale olive colored 5Y 6/3 qtzite white 10YR 8/1, possibly from impact with spoon. NAB Dry.	N-121-88-05	48 52	24.5 50% recovery .5' 2nd try. 25.5 1st attempt 3" mly w/ 100 count.
26'		Sand; ≃2.5-2.0 ϕ size			very easy drilling ↓
28'	Grading into SM.	≃ 20% Sand. still in gravels			
30'			N-121-88-06	42 50	29.5 100% recovery 30.5
32'	SM	very uniform silty sands, 3.0-2.5 ϕ size			
34'					
36'					
38'		Sands: 95-98% quartz. white, 10YR 8/2 with rust colors, 7.5YR 5/8. looks like beach sand	N-121-88-07		
40'				18 22	39.5 100% recovery 40.5

Project: USATHAMA N-TEAD | Boring: N-121-88 | Page: 4 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
40'					
42'					
44'	SM				
46'					
48'					
50'		- Silty Sand. Color change; olive yellow 2.5y 6/8 non-plastic, damp, NAB. Look like a beach sand.		20 19	49.5 100% recovery 50.5

BORING LOG GENERAL DATA

Project: USA TIHAMA N-TEAD Boring: N-122-38 Page: 1 of 4

Driller & Company: DALE ZAHN ; SEGENT HAUSRING & BECKWITH

Geologist/Logger & Company: Douglas Perry, WESCON Signature:

Date Boring Started: 5-18-88 Completed: 5-18-88

Water Levels (from Ground Surface) N/A Drilling Rig: CME-55

First Encountered: Date:

While Drilling: Date:

At Boring Completion: Date:

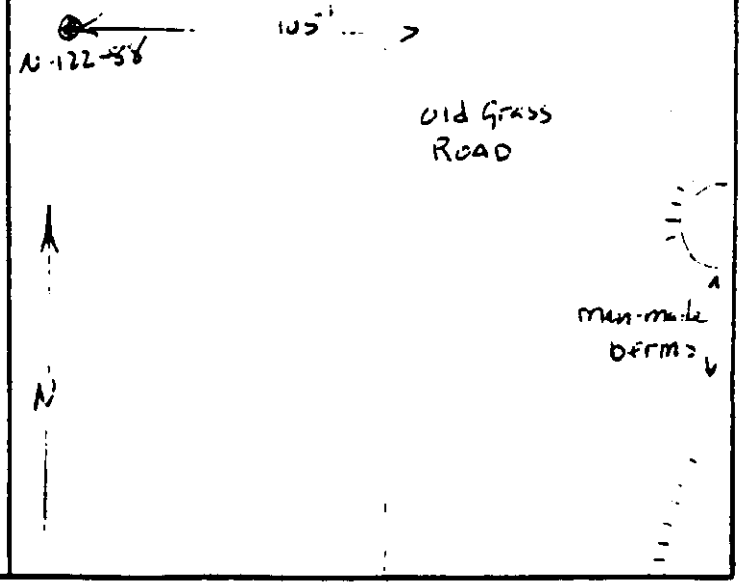
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
5-18-88	07.40AM	11.12AM	0.0'	50.0'					

Abbreviations:

Abbr	Meaning
GSA	Geological Society of America
NAB	No Apparent bedding
Non pl	Non plastic
qzite	quartzite
Carb	Carbonate rocks
trace	less than 10%
Some	10-25%
Ave	Average

Location Sketch:



Project: USA THAMA N TEAD	Boring: N-122-88	Page: 2 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description *all Colors, use GSA Munsell Color charts	Sample Number & Depth	Blow Count & Recovery	Drilling Data • using ring sampler w/ 10 lb weight dropped 30"
0		Top soil & roots mixed with gravels saturated raining outside very hard drilling			• Hollow stem auger • using catcher screen due to gravels falling out of sampler
2'	GP				
4'		Poorly graded gravel, sand mixture gravel, coarse - v. coarse, 30% carb - 70% qtzite. pinkish white quartz 5YR 8/2 + 10R 4/4	N-122-88-01	45 50	4.5 75% recovery 5.5
6'		Sand: ave 1.5-1.0 ø size subangular to subrounded, very pale brown, 10YR 7/4, NAB nonpl sl. damp, loose, Alluvial deposit.			
8'					drilling is rough
	GP	Gravels, ave .4', cobbles Lt grey quartz 10YR 7/1 Same as above - all else	N-122-88-02	32 63	9.5 80% recovery 10.5
10'					
12					
14	GP	more sand evident - sandy gravel, gravel sand mixture. Damp NAB nonpl, qtz gravel pale olive color 5Y 6/3 Alluvial deposit	N-122-88-03	20 42	14.5 85% recovery 15.5
16					
18		more sand evident. finer size, 2.5-2.0 ø subrounded.	N-122-88-4		
20				40	19.5 90% recovery
				60	20.5

Project: USA THAMA N-TEAD	Boring: N-122-88	Page: 3 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
20					Drilling [illegible]
22	GP				
24		- Cobble sized gravels about 0.3' long; rounded & well rounded Cacta, ≈ 30%, bigtite, ≈ 70% NAB, NON Pl. Sand matrix, Sligh moist Alluvial deposit.	N-122-88 05	100	24.5 20% recovery 25.5
26					
28					
30		- Sandy Gravel mixture, Sands lighter in color, light grey 10YR 7/2, still in Cobble size gravel > NAB, Nmpl. Dry.	N-122-88 06	75 60	29.5 10% recovery - tried 3 times - hit boulder
32	GP				
34	?				- Driller felt bit [illegible], very smooth drilling [illegible] 34 ft.
	SM				
36					
38		Silty Sands, moist, NAB. Nmpl & color change, yellow 2.5Y 7/8	N-122-88 07		39.5
40				16 20	4.5

Project: USATHAMA N-TEAD | Boring: N-122-88 | Page: 4 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
40					
42					
44					
46	SM				
48		- Silty, clayey sand. Trace clay, trace silt. 90% fine sands, NAB, moist slight plasticity, rolls some Rusty marks throughout Sample strong brown color 7.5YR 4/6, Hematitic alteration.			
50			N-122-88-48	11 10	49.5 100% recovery 50.5

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-123-88 Page: 1 of 4

Driller & Company: DALE ZAHN, SEGART HAUSKINS & BECKWITH

Geologist/Logger & Company: DOUGLAS PERRY, WESTON Signature:

Date Boring Started: 5-18-88 Completed: 5-18-88

Water Levels (from Ground Surface) N/A Drilling Rig: CME-55

First Encountered: Date:

While Drilling: Date:

At Boring Completion: Date:

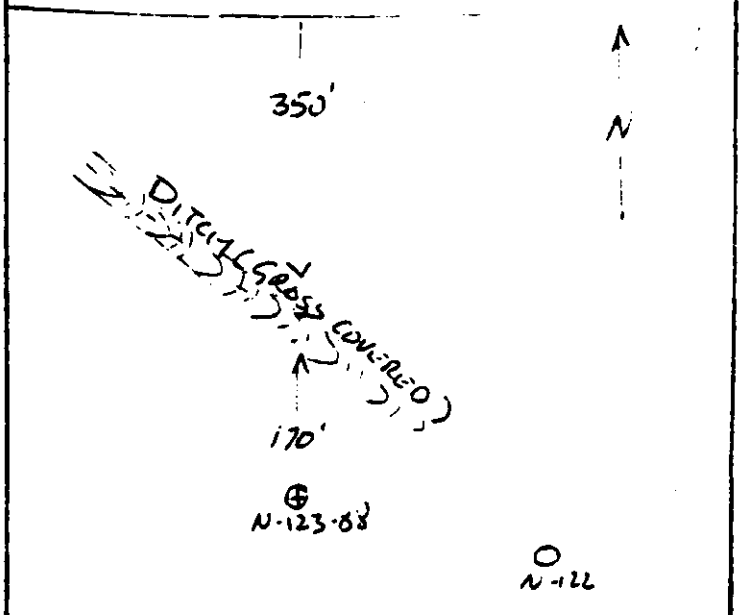
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
5-18-88	12:00	1:15pm	0.0'	50.0'					

Abbreviations:

Abbr	Meaning
GSA	Geological Society of America
Non pl.	non plastic
NAB	No apparent bedding
qtzite	quartzite
Carb	Carbonates
trace	less than 10%
Some	10% - 25%
~	Similar To
V.	Very

Location Sketch:



Project: USA THAMA N-TEAD	Boring: N-123-88	Page: 2 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description All colors using GSA Munsell color chart	Sample Number & Depth	Blow Count & Recovery	Drilling Data Using ring sampler, 1.ft x 3in, w/ 100lb weight drop = 30 in
0	Top Soil	Dark organic top soil. Alot of roots & gravels mixed w/ black organic dirt.			• Hollow stem auger • Using catcher screen to collect sample due to high gravel contents
2	SP	Sandy Gravels ≃ 50/50 med-fine pebble size gravels ave. ≃.05'. NAB, damp n.m.pl.			Drilling is easy
4		Sandy gravels - pea size gravel NAB, damp, nmpl. More than half of coarse fraction is smaller than #4 sieve	N-123-88-01	30 46	4.5 100% recovery 5.5'
6		Sand is pale brown, 10YR6/3 3.0-2.5 ϕ size.			
8					
10	GP.	10'±; gravel size increased and sand amount went below 50%. - back to cobble size, 0.3', NAB. nm pl, almost dry alluvial deposit.	N-123-88-02	25 40	9.5 90% recovery 10.5
12					11' Drilling has become very hard at ~11ft.
14					13.5; drilling eased some, - smoother.
16	GP.	Back to pea size gravels & inc. in sand. Some gravel 0.1'. NAB moist, nm.pl. Sand is light yellowish brown 10YR6/4 2.5-2.0 ϕ size. Alluvial deposit	N-123-88-03	18 16	14.5 100% recovery 15.5
18			N-123-88-04		
20		Sand is a sugary brown texture, reddish yellow 7.5 YR6/6. Gravels; coarse pebble in size		10	19.5 80% recovery
				22	20.5

Project: USATHAMA N-TEAD | Boring: N-123-88 | Page: 3 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
20	GP	moist, NAB, non-pl, loose alluvial deposit			1ppm = background
22					
24	GC	Very coarse Sandy Gravel. Sand size 0.5-0.09. V. moist. Sl. plasticity clay will roll out some. clay: brown, 7.5YR 4/2 Sand, strong brown 7.5YR 5/6 · lenses of alternating clay-gravels-Sands.	N-123-88-05	9 17	23' ↓ very smooth, easy drilling. 24.5 100% recovery 25.5
26					
	SP				
28					
30	SC	Sands described above 1.5-0.09 clay	N-123-88-06	35 35	29.5 100% recovery 30.5
	SM	fine sands 2.0-1.5% pale brown 10YR 7/3			
32					
34		Dry, NAB, Non pl, loose Subrounded grains (looks like beach sand)			
36					
38	SM	Silty Sands. U. fine grained, 3.0-2.5ϕ size. very pale brown 10YR 7/4, very moist, non pl. -Greyish green & yellowish bands of Sand			
40					

Project: USATHAMA N-TEAD | Boring: N-123-88 | Page: 4 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
40			N-123-88-07	9 12	31.5 100% recovery 40.5 Very easy and smooth drilling
42					
44	SM				
46					
48	SC	Clayey Sands, Sand-clay mixture trace clay ~10%, trace silt. 85% Sand pl. - will roll out, near saturated iron stained - strong brown color 7.5YR 4/6 clay is a light olive gray 5Y6/2	N-123-88-08	12 15	49.5 100% recovery 50.5
50					

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-124-88 Page: 1 of 4

Driller & Company: DALE ZAHN SERGENT, HAUSKINS & BECKWITH

Geologist/Logger & Company: Doug Perry WESTON Signature: [signature]

Date Boring Started: 5-18-88 Completed: 5-18-88

Water Levels (from Ground Surface) N/A Drilling Rig: CME-55

First Encountered: Date:

While Drilling: Date:

At Boring Completion: Date:

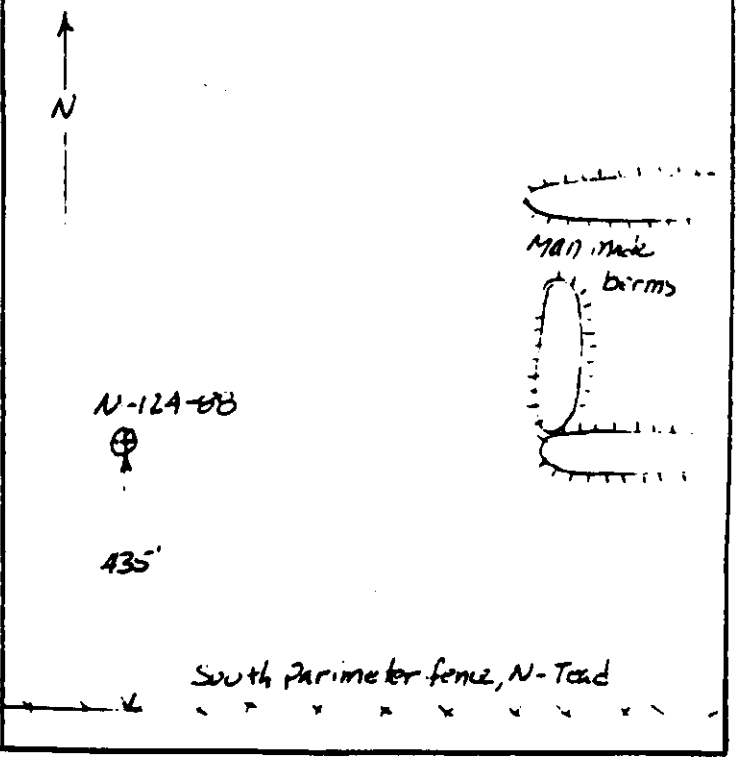
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
5-18-88	2:15pm	5:00pm	0.0'	50.0'					

Abbreviations:

Abbr	Meaning
GSA	Geological Society of America
Nonpl.	non plastic
NAB	No apparent bedding
Qtzite	Quartzite
Trace	less than 10%
Some	10-20%
Ave	Average

Location Sketch:



Project: USA THAMA N-TEAD | Boring: N-124-88 | Page: 2 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description All colors using GSA munsell color charts. - Ground surface -	Sample Number & Depth	Blow Count & Recovery	Drilling Data • Using ring sampler 1 ft x 3 in. w/100 lb weight drop = 30 in.
1 2		Top Soil - thick roots Dirt, gravels & sands			• Hollow stem auger using catcher screen to collect sample due to high gravel contents Drilling gets very hard
3 4	GP	Sandy Gravels: gravel-sand mixture non pl, NAB, v. slight moisture. Sand: pink, 7.5YR 7/4; Size: 2.5-2 ϕ -Alluvial			4.5
5			N-124-88-01	45 54	100% recovery 5.5
6 7 8					
9			N-124-88-02		HNU = 0 9.5
10	GP	SANDY GRAVEL MIXTURE. DRY, NAB, Nmpl, loose Sand is 10YR 8/2, quartz pebbles		14 31	70% recovery 10.5
11 12 13					
14			N-124-88-03		14.5
15	GP	Still sandy gravel; 10YR 8/2, white non pl, NAB, alluvial deposit Sand: 2.5-2 ϕ size; subrounded to rounded. Gravel is rounded to well rounded			95% recovery 15.5
16 17 18 19 20					

Project: USATHAMA N-TEAD | Boring: N-124-88 | Page: 3 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
				100	19.5
20	GP	Poorly graded gravels. Sand-gravel mixture, gravels are in the large cobble size, 0.5'. Sands are 2.0-1.5 ϕ size, light gray 10YR 7/2, NAB. Dry, loose, alluvial deposit. Carb = 15%, qtzite = 85%	N-124-88-04	100	85% recovery
21					20.5 Drilling hard
22					
23					
24					24.5
25			N-124-88-05	20	65% recovery
26				80	25.5
27	← Grades into SP				
28	SP	Sand gravel mixture. Gravels are med-fine pebble sized			Drilling easy
29					29.5
30		← 2 in Clayey Sand lense, low pl. Clay. light gray, 10YR 7/4; fines ~90%	N-124-88-06	43	
31	SM	Silty Sands. 10YR 7/4		31	30.5
32					
33					
34					
35					
36					
37					
38					
39		Sands are very pale brown 10YR 7/4	N-124-88-07		Drilling hardest to date
40		↓ Hit top of Volcanic unit		100	Samples stopped by volcanic unit

Project: USATHAMA N-TEAD | Boring: N-124-88 | Page: 4 of 4

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
40					
42					Drilling is extreemly hard.
44					
46		Extrusive volcanic rock Severely altered hornblende phenocrysts. Hematitic alteration predominately darkred, 10YR 3/4 to yellow, 5Y 7/8. Altered zones, bright colors			
48					
50			N-124-88-8	75 25	49.5 85% recovery 50.5

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-125-88 Page: 1 of 3

Driller & Company: John Crawford; Dave's Drilling

Geologist/Logger & Company: J. Fritts; WESTON Signature: [illegible]

Date Boring Started: 7/19/88 Completed: 7/21/88

Water Levels (from Ground Surface) Drilling Rig: Mobil Drill 61*

First Encountered: 24' wet Date: 7/19/88

While Drilling: Date:

*

Drilled with 10 in. OD, 6 1/2 ID augers

At Boring Completion: Date:

Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
7/19/88	11:00AM	5:00pm	0'	41.5'					
7/20/88	7:00AM	5:30pm	41.5	71.5					

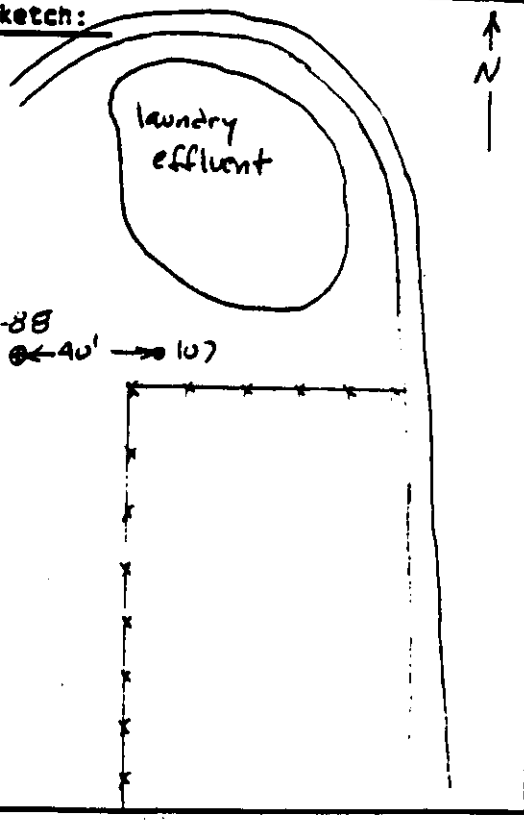
Abbreviations:

Abbr	Meaning
trace	0-15%
some	15-30%
pl	plasticity
med	medium
SS	Split spoon

used munsell soil chart for color classification

Note: hole grouted to surface on 7/20/88 according to USATHAMA Specs.

Location Sketch:



Project: USA THAMA N-TEAD | Boring: N-125-88 | Page: 2 of 3

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
					b.g. HNU=0.
0	ML	Silty Sand, 30% Silt 10YR 6/3 (pale brown) low pl. loose, dry. Sand is well sorted, fine, subrounded; lake deposit.	4'-5'		
5					
10			9'-10'		HNU=0.2
15	ML	Silty Sand, 45% Silt 10YR 6/2 (light brownish gray); low pl, loose, slightly moist; Sand is well sorted, fine, subrounded; lake deposit.	14-15		
20	CL	Silty Clay, 40% Silt, 10YR 6/2 (light brownish gray), low pl. moist. Lake deposit	19.5-20		
25	ML	Clayey Silt, 25% clay, 10YR 6/2 (light brownish gray) low pl wet, oxidation, lake deposit	24-25 001	10-11-14 16"	SS
30	CL	Clay, Some Silt, 2.5Y 6/2 (light brownish gray), low pl saturated carbonaceous material; lake deposit.	002 30-30.5	1-2-3 18"	HNU=.2 SS
35			003 35-36.5	-	SS
40		Clay, trace silt, 2.5Y 6/2 (light brownish gray) med pl dry. ↓ possibly a confining layer			
	SM	Silty Sand, 2.5Y 6/6 (olive yellow) no. pl, sl moist to dry	004 40-41.5	7-16-19	7/20/88. 7:30 no measurable water
45					driller reports harder drilling 46.48'
50					

Project: USA THAMA N-TEAD | Boring: N-125-88 | Page: 3 of 3

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50	SM	Silty Sand, 10YR 6/2 (light brownish gray) no. pl., loose, moist to wet. Sand is well sorted, fine, subrounded; lake deposit	005 50-51.5	4-11-12 15"	
55	ML	Sandy Silt, 10YR 6/2 (light brownish gray) Some Sand, low pl. moist, lake deposit	006 55-56.5	5-8-14 17"	
60			007 60-61.5	9-11-13 17"	
65	ML	Clayey Silt, 10YR 6/2 (light brownish gray) Some Clay, low pl sl. moist. trace 1" gravel; lake deposit.	008 70-71.5	6-7-12 17"	HNU = .1
70	ML	Sandy Silt, 10YR 6/2 (light brownish gray) Some Sand, no pl, sl. moist, shells. lake deposit	009 70-71.5	7-15-23 18"	Stop 7/20/88 1:00 PM Augered to 70 ft Sampled, split spoon, to 71.5 ft After 2 hrs. < 6" water in well.
75					

BORING LOG GENERAL DATA

Project: USATHAMA Boring: N-126-88 Page: 1 of 3

Driller & Company: John Crawford; Dover's Drilling

Geologist/Logger & Company: Joe Fritz WESTON Signature: [signature]

Date Boring Started: 7-21-88 Completed: 7-21-88

Water Levels (from Ground Surface) Drilling Rig: Mobil drill 61

First Encountered: 23.5' Date: 7-21-88

While Drilling: 48 Date: 7-21-88 2:10

At Boring Completion: Date:

Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
7-21-88	8:10 am	3:30 pm	0'	56.5'					

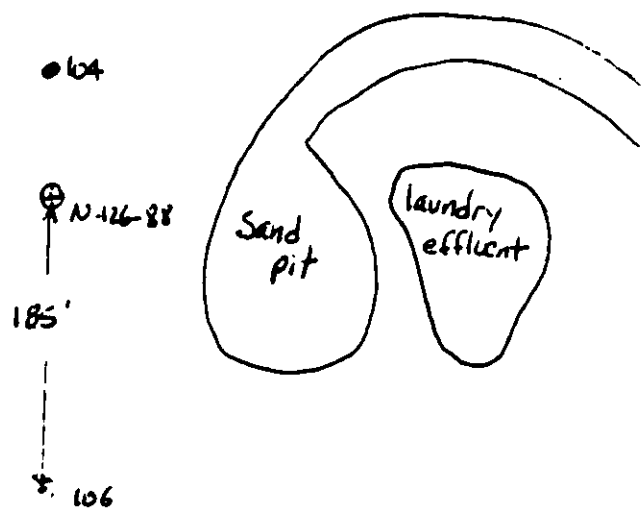
Abbreviations:

Abbr	Meaning
V.	Very
np	nonplastic
trace	0-15%
Some	15-30%

Note: Hole grouted to surface, due to insufficient water, on 7/22/88.

Used Munsell soil chart for color classification.

Location Sketch:



Project: USATHAMA N-TLAD | Boring: N-122-88 | Page: 2 of 3

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data b.g HNU = 0.2
0	ML	Sandy Silt; some v. fine Sand. Subrounded, well sorted. 10YR 7/3 (v. pale brown) n.p. dry; lake deposit.			
5			4-5'		
10		Same, but 10YR 7/2 (light gray)	9-10'		
15	ML	Silt, trace v. fine sand, subround well sorted 10YR 6/3 (pale brown) n.p. dry; lake deposit.	14-15		HNU = 0.2
20		Silt, trace clay, 10YR 6/3 (pale brown) n.p. dry. moist, lake moist			darken due to moisture content. wet cuttings at 23.5 ft.
25			24-25'		
30	ML	Clayey Silt; some clay 10YR 5/2 (grayish brown) low pl moist. Carbonaceous material & oxidation are evident; lake deposit	001 30-31.5	1-3-2 17"	Begin Split-spoons every 5 ft.
35		Same, but interbedded (<1") Sandy Silt - some sand, v. fine, well sorted, 10YR 5/6 (yellowish brown) due to oxidation, n.p moist; lake deposit	002 35-36.5	4-5-6 18"	HNU = 0.4
40	ML	Sandy silt, some v. fine, subrounded well sorted sand. 10YR 5/2 (grayish brown, n.p moist; lake deposit	003 40-41.5	8-13-13 15"	hand drilling 41-44'
45	CL	Clay; 2.5Y 6/2 (light brownish gray) med pl.; lake deposit	004 45-46.5	8-8-8 16"	
45	SM	Silty Sand, 10YR 5/1 (gray) some silt. n.p wet			(observed in end of bit)

Project: USA THAMA N-TEAD | Boring: N-126-88 | Page: 3 of 3

Depth/ Elevation ft	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
55	CL	Clay, trace fine sand, 2.5 Y 6/2 (light brownish gray). med pl, moist oxidation, shells; lake deg.	005 55-56.5	2-4-2 16"	
55	CL	Gravelly silt, 40% poorly sorted subrounded gravel, trace sand 10YR 7/1 (light gray) n.p moist, lake deposit	006 55-56.5	12-15-15 9.5"	Augered to 55ft Sampled to 56.5ft
60					

BORING LOG GENERAL DATA

Project: USATHAMA - N-TEAD Boring: N-127-88 Page: 1 of 6

Driller & Company: Robert Armstrong, Dave's Drilling

Geologist/Logger & Company: John McDonnell, Weston Signature: [signature]

Date Boring Started: 9-28-88 Completed: 10-13-88

Water Levels (from Ground Surface) Drilling Rig: CP-7000

First Encountered: Date:

While Drilling: — Date: —

At Boring Completion: 223.2' Date: 10-13-88

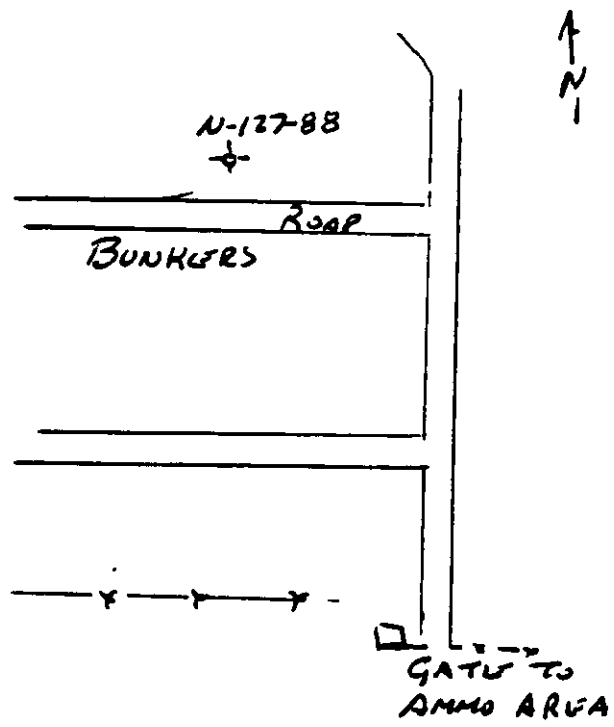
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
9-28-88	07:00 AM	5:00 PM	0	80					
9-29-88	7:00 A	5:00 P	80	165					
9:30-88	↓	↓	165	165					
10-1-86			165	215					
10-2-88			215	215					
10-3-88			215	225'					
10-13-88			225	240'					

Abbreviations:

Abbr	Meaning
Sd, sdy	Sand, sandy
Slt, Slty	Silt, silty
Cly'y	clayey
Gvl	gravel
Pbl	Pebble
rd, rd'd	round, rounded
∠, subc.	angular, subangular
bn	brown
bk	black
tn	tan
rd'sh.	reddish
yl, yl'sh	yellow, yellowish
gn, gn'sh	green, greenish
bl, b'sh	blue, bluish
gy	grey
dk	dark
lt.	Light

Location Sketch:



Project: USATHAMA	Boring: N-127-88	Page: 2 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0		SAND (SW) lt.yl tan, f-c.g. sub2-subrd vargtz - clear, frosted, w̄ mica flakes, dark grains & small gastropod shells. Becoming damp below 5ft. 10YR 8/2 (dry)			Drilling with air - rig compressor only
5					
10			N-121-88-1 @ 10'		
15		Silty Sand (SM) dk yl brown poorly sorted damp. 5Y7/3			
20		Silty Sand (SM) mod clayey - wet, balls-up. 5Y7/3	N-121-88-2 @ 20'		Drilling with air - added aux. comp.
25		Clayey-Silty SAND (SC-SM) drab greenish brown. moist mod. plastic - rolls out. (2.5Y7/2 dry)			
30			N-121-88-3 @ 30'		
35		↓ CLAY .8' fn sdy-sty clay. varved with alt. gy & sly rd'sh bn bands - sly feruginous.			Tripped for split spoon sample (100%) recovery.
40		.5' broad banded. sdy-sty clay - w̄ .1' limonite bands	N-121-88-4 @ 40'		
45		.1 Dark-med gy - varved clay w̄ organic matter on plains ined bn. sty clay 5Y7/0 - 2.5Y6/0			
50			HNU - 2 [illegible]		

Project: USA THAMA	Boring: N-127-08	Page: 3 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50		V. Sandy Clay (C.S). light olive damp - dries greenish tan: mod plastic - grainy. Sd: f.g. sty.			
55			N-121-88-5 (@ 55')		
60					
65		65 md gry, non banded sandy silty clay / clayey silt. mod plastic - grainy: w̄ fn qtz - micas; dark grains, occ. gastropods. organic streaks	N-121-88-6 (@ 65')		Tripped for split spoon - 100% recovery.
70		66.5	N-121-88-7 (@ 70 ft)		
75		Clay (C_) md-dk gy damp - dries light gy. silty & w̄ 2ndy fn sand (5y 7/1)			
80					
85		Clay (C.) creamy grey (5y 8/1)			
90		Silty Gravel: (G.M) sub eg. mod rdld pbls to 1" + & gy sty matrix. (2.5y 8/2)	(N-121-88-8 @ 90'		
95		Silty fn Gravel)(G.M) - pea gvl ≈ 1/4". HY/Sh - sty clayey sty matrix - mf grained v. silty sy. 2.5y 8/2: matrix.	(N-121-88-9 (@ 95') (N-121-88-10 @ 100')		
100			HNU Zero		

Project: USA THAMA	Boring: N-121-88	Page: 4 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		Sand (S-), gravely (pea size) Sd: drab, m-f. qtz w/ 2ndy dk rd min. specs. Sd: 5y 8/2			
105		GRAVEL (G-): Small pbls & chips, predom. <1/4", occ to ~1" ~75% lt. qtzite; remainder dk. caste etc. qtzite cat. 10YR 8/1-2 to 7.5YR 7/4 Carb. grey ~ 7.5YR 6/0			
110			N-121-88-11 (110')		
115					
120			N-121-88-12 (112')		
125		Pea gravel; gritty, c. sandy			
130		Sandy Clay (C.S) ltgn gray - Sd: f.g-sty; → cly'y sd.	N-121-88-13 (130-140')		
135					
140			N-121-88-14 (140')		
145					
150			N-121-88-15 (150') HNU = 0↑		

Project: USA THAMA	Boring: N-127-88	Page: 5 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		Silty Sandy Clay (CM-CS) -grishgy - Cmt. from 135'. 5Y 8/1			
155		↓			
160		few large pbls in bottom ft. or So.			- bottom of hole wet.
165		V. Silty Gravel (GM) -gvl: small-pea size, Silt: limy? slt: ~2.5Y 8/2	N-121-88-16 (165')		St. 10-1-88 drilling w/air hole drying
170		Small, Sandy, Gravel. (GS) Sd: yl bn; m-f.g; Sub C-Sub rd qtz. etc.; hbl. vol. (dark). matrix/sd matl: 10YR 8/2	N-121-88-17 (170')		
175		Gravely Sand (SG) Sd: f-c.g, fines predom. qtz + 2 dy darks - incl rock debris.			
180		pbls/frage gen < 1/2" occ -> 1" Sdy matle light creamy color.	(N-121-88-18) (180')		
185		pbls/frage: < 1/2" Sdy matle light brownish to base (190')			
		pbls/frage to 1" in So / MATRIX 10YR 8/3 dry)			
190		Silty Sand (SM) Sly damp. dk yl; f-vf. grained - 10YR 7/3, dry.	(N-121-88-19) (190')		
195		Gravel, CG. pbls & chips gen small & irreg.			
200		↓ cont.	N-121-88-20 (200') H/NO ↑		

Project: USA THAMA	Boring: N-127-88	Page: 6 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200		Gravel, from 195' -qtzites & carb. grayish overall ~7.5YR 5/.			
205		V. coarse, sandy, gravel (GP GS) pbls & rock frags predom 1" n sr in size. Sd: f-mc grained; subl-subrd. Pbls bl. grey carb 2.5y/5 - lt. qtzite ~10YR8/3 + secondary volcanics	N-127-88-21 (210')		
210					
215					Start. 10-3-88 New bottom-bit Very difficult to drive casing (Shut down temp.)
220		V. Sdy "pea" gravel; md rd sh bn, small pbls, subrd'd	N-127-88-22 (220')		
225		Sand (SW), f-c.g. poorly sorted subc-subrd qtz & other mins. mod ferruginous. - damp. - becoming coarser with depth 10YR6/4			St. 10-13-88 drilled dry
230			N-127-88-23 (230')		
		Fcox alt qtzites & alt. volcs			
240	TD	Pbls & Frags to ~1"; rd'd.-subl. Sdy mat'l: 10YR8/3 (dry)	N-127-88-24 (240')		blowing water at 240 ft
		242			

BORING LOG GENERAL DATA

Project: USATHAMA N-TEAD Boring: N-128-88 Page: 1 of 6

Driller & Company: Robert Armstrong / DANE'S DRILLING

Geologist/Logger & Company: John McDonnell / WESTON Signature: [signature]

Date Boring Started: 10-4-88 Completed: 10-12-88

Water Levels (from Ground Surface) Drilling Rig: CP 7000

First Encountered: 239' Date: 10-12-88

While Drilling: — Date: —

At Boring Completion: 222.2' Date: 10-13-88

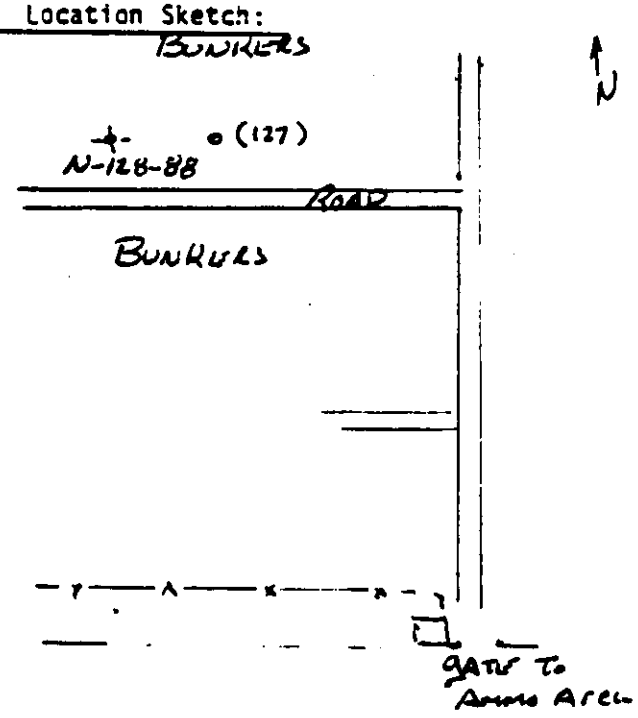
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
10-4-88	7:00 AM	5:00 PM	0	45					
10-5-88	"	"	45	70					
10-6-88	"	"	70	135					
10-11-88	"	"	135	225					
10-12-88	"	"	225	257					

Abbreviations:

Abbr	Meaning
Sd, Sdy	Sand, Sandy
Slt, Sty	Silt, Silty
Cly'y	Clayey
Gvl	Gravel
Pbl	Pebble
rd, rd'd	round, rounded
∠, subc	angular, subangular
c.g	coarse grained
md, m.g	medium, medium grained
fn, f.g	fine, fine grained.
v.	very
Sly	slightly
bn	brown
blk	black
tn	tan
gy	grey
rd'sh	reddish
yl, yl'sh	yellow, yellowish
gn, gn'sh	green, greenish
bl, bl'sh	blue, bluish
dk	dark
lt	light.

Location Sketch:



Project:	Boring: N-128-88	Page: 2 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0		SAND (SW) lt sy. f-c. grained: sub-c. frosted qtz & other mins. dry in first 5 ft. becoming damp, 5-10'. (qtz. frosted grains. dk rock frags. rd'd micas. Feox alt.) 2.5y 8/2 yl-white			Drilling - rig air only 10-4-88
5					
10			N-128-88-1 (10')		
		SAND (SP): md yl'bn. well sorted; fine w̄ occ. m.g. qtz etc. sly micaceous. damp. 2.5y 7/2			
15		Silty Sand (SM): sly-mod clayey. yl'sh brown. damp. Balls up into 1/2 pellets & less. SD: f-c. grained 2.5y 6/4			
20			N-128-88-2 (20')		Aux compressor on line
25		Silty Sand (SM) light drab. predom. fine grained. Plasticity: Low ~5y 7/3			
30	? CS	Sdy CLAY Sample .4' V. Sdy Clay (CS): lt-md gy w̄ feox splotches 1' V. Sdy Clay (CS) bn w̄ ruddy feox ppl tn org. mat.	N-128-88-3 (30')		Spoon sample 100%; cuttings sticky.
35					added water injection at 35'
	C-	CLAY (C-) gn'sh gy .2' V. Sdy Clay (CS) mr bn-gy. w̄ org matter; feox splotching			
40		5y 7/2 Mn. NyR 6/6			
45		44' incl. 7.5': CLAY (C-) gn gy. w̄ vert. seams with feox fillings. occ. small gastropods 46'	N-128-88-4 (44.5')		St. 10-5-88 Spoon sample, 100%
50			HNU = zero		

Project: USATHEMA	Boring: N-128-88	Page: 3 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50		CLAY: grish brown, w̄ feOx. cont. from above.			
55		5Y 7/1-2	N-128-88-5 (55')		
		CLAY (CC): dk blish grey fair plasticity. 5Y 6/1			
60			N-128-88-6 (60')		
65					
70		becoming darker towards 75'			-St. 10-6-88
75		- 75-76.4; v dark grey clay; (CO) - stiff.	N-128-88-7 (75-77')		- Spoon Sample -100%
		CLAY, (Cu) olive grey			
		76.4-77: olive grey clay (Cu). w̄ reddish & dk'sy organic			
80		(5Y 6/1-5/2 w̄ 2.5Y 4-5/0 streaks.)	N-128-88-8 (80')		
85		Sandy, clayey Gravel (GS/GC) 5Y 7/2			
90		Sandy Gravel (GS): small sub r'd pbls & p-sort'd, f-c.g sd. Sd: 2.5Y 7/4, pale yl.	N-128-88-9 (90')		Spoon Sample (~12.5% recovery)
95					
100			HNU = Zero		

Project: USATHAMA	Boring: N-128-88	Page: 4 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		SANDY GRAVEL (GS) Pbls frm ~1" down to pea size. Sub-Subrd qtzite. Sd: bn, m-f.g. 2.5Y 8/4 o.d.	N-128-88-10 (100')		
105					
110			N-128-88-11 (110')		
115					
120			N-128-88-12 (120')		
125					
130		CLAY (C-): Hi gn'sh gy. dries off white. 5Y 8-7/2 damp.	N-128-88-13 (130		
135					- St. 10-11-88 drilling air w/ injection
140			N-128-88-14 (140')		
145					
150			HNU=0		

Project: USATHAMA	Boring: N-128-88	Page: 5 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		GRAVEL (GS) Angular pbls/chips to ~1" Sdy-clay'y matrix: lt gn'sh gy (may include material from above) - pbls: dk qtzite w̄ min caliche. 2.5Y 8/2 pebbly			drilling w̄ air & injection
155					
160			N-128-88-16 (160)		
165		Sandy Gravel (GS) Incl. large frags to 1½", flat. Sd: fn-c.g, sty. "pbls": qtzite, shot w̄ lim'c alt. 10YR 6/4			
170			N-128-88-17 (170')		
175		Very Sandy Gravel (GS)			
180		Gravely Sand (SG) SD: f-c.g. mixed bk & dk red rock frags & qtz; sty. 10YR 7/3	N-128-88-18 (180')		
185		GRAVEL (GW): inch-size & larger sub rd - flat pbls & small "pea" size ~ sw chips in bimodal dist. Sdy.			
190			N-128-88-19 (190')		
195		Clayey, Sandy Gravel (GS/GC) Subr - gen dark - to ~1" Sd; lt bn; f-m.g. MATRX 10YR 6/3 pale brown			
200			F/NU = 0		

Project: USATHAMA	Boring: N-128-88	Page: 6 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200		cont.			
205		SAND & GRAVEL Lt. bn. sticky 10YR6/3 pale bn			
210		Coarse Gravel mixed w C. Sand & Grit	N-128-88-21 (-210)		
215					
220		Gravely SAND - sdy ml: c.g: 10YR6/4.	N-128-88-22 (-220')		
225		Volcanic GRAVEL? Mixed - w Alt. hornblends.			Start N-12-88 - Drilling with air and injection
230		V. Sandy Gravel?; Volcs & V. alt qtzites. SD: f-c.g. subc.	N-128-88-23 (-230')		
235		Sandy GRAVEL: qtzite & dark volcs (basaltic-andesitic)			Drilling air only - drying hole
240					Hit water immediately after making joint.
245		Volcanics V. alt: hm'c: Secondary Silica - Large chunks - / MATRIX - sdy mal'c V. pale Bn. 10YR7/3	N-128-88-24 (240')		
250			HNU=0 ↑		

↓ 257

↓ To bottom

BORING LOG GENERAL DATA

Project: USA THAMA Boring: U-129-88 Page: 1 of 6

Driller & Company: Robert Armstrong / Dave's Drilling

Geologist/Logger & Company: [illegible] Signature: [illegible]

Date Boring Started: 10-15-88 Completed: 10-18-88

Water Levels (from Ground Surface) Drilling Rig: CP700

First Encountered: Date:

While Drilling: 240' Date: 10-18-88

At Boring Completion: 223.2 Date: 10-19-88

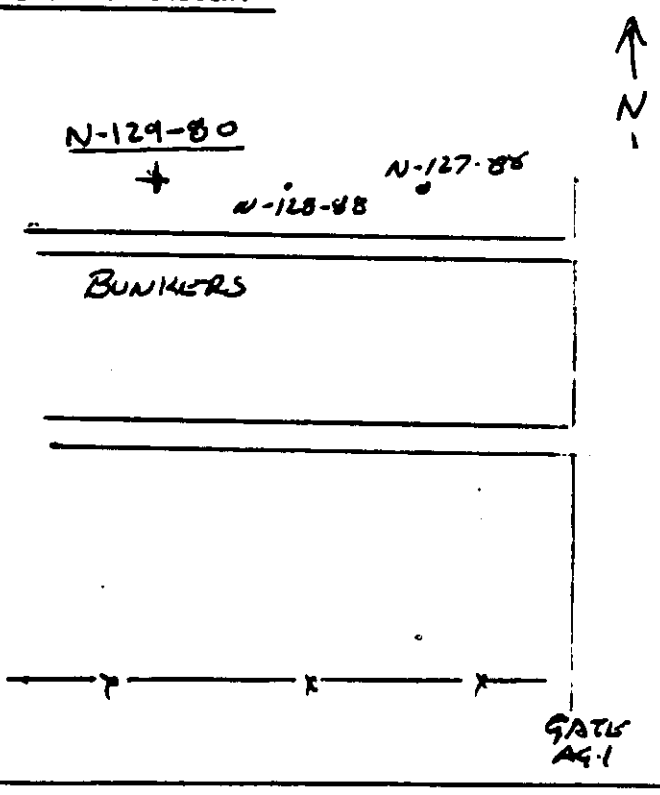
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
10-15-88	7:30	5:30	0	105					
10-16-88	7:30	5:30	105	165					
10-17-88	7:30	5:30	165	225					
10-18-88	7:30	5:30	225	242					

Abbreviations:

Abbr	Meaning
Sd, Sdy	Sand, Sandy
Slt, Slty	Silt Silty
Gvl	gravel
Cly'y	clayey
qtz, qtzite	quartz, quartzite
Vclc	Volcanic
Pbl	Pebble
rd, rd's	round, rounded
∠, sub∠	angular, sub Angular
f, m, c	fine, medium, coarse
Sly	Slightly
V	very
W	with
bn	brown
gy	grey
tn	tan
yl	yellow
rd	red
gn	green
Lt	Light
dk	dark
AA	As Above

Location Sketch:



Project: USATHAMA	Boring: N-129-88	Page: 2 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0		Lt. yl bn. Sand. fine grained; becoming sly clayy in lower portion. 2.5y 8/2			Drilling w/ air only
5					
10			N-129-88-1 (-13)		
15		Sandy clay: Balls up in pellets. 5y 8/2			
20			N-129-88-2 (20')		Adding injection ↓
25		Lt. Brown, silty, clayey Sand. (SP/SC-M). F-m.g. mod well rounded. (5y 8/1-2 dry)			
30			N-129-88-3 (30')		
35		Mottled grey; limonitic, Clay, (C-) - Lt d.md grey and olive with limonitic specks. (5y 8/1 - 5y 7/2)			
40					
45		Spoon Sample, 45-47' Lt olv.gy Clay, shot thru w/ gen. vert. limonitic seamsk splotches. Contains occ irreg layering. Tiny gastropods locally abundant	N-129-88-4 (45-47')		Spoon Sample (100%)
50					

Project: USATHAMA | Boring: N-129-88 | Page: 3 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50		Olive brown Sandy Clay w limonitic spots - cont. from above			
55			N-129-88-5 (55')		
60		Dark, blue Grey Clay Spoon sample 60 to 62' .2' bn. sdy Clay .5' v. org-carbonaceous clay. 1.3' bl sdy Clay w thin carbonaceous seams & irreg. sdy zones. (~5Y 7/1 dry)	N-129-88-6 (60-62')		Spoon Sample 100%
65					
70					
75			N-129-88-7 (75')		
		Md Grey, Sandy Clay. (2.5Y 8/1 dry)			
80		Sandy Gravel; ruddy-yl brown. predom. small qtzite pbls to ½"+ subrd. with cg. subrd qtz sand. (~5Y 8/1)	N-129-88-8 (80+)		
85					
90			N-129-88-9 (90')		
95		Sand. (SW): fine-md grained lt. brown. (5Y 8/1)			
100			N-129-88-10 (100')		

Project: USATHAMA	Boring: N-129-88	Page: 4 of 8

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		Sand. m-f-g: sty. lt. yl/sh tn; 2.5y 8.2			
105					St. 10-1-88 drilling [illegible] w/ water [illegible]
110			N-129-88-11 (11J)		
		Gravel: qtzite [illegible] pbls to 1" and smaller; mod rd'd, sharp chips. sty matrix: light tn (~2.5y 7/2)			
115					
120			N-129-88-12 (12J)		
125		Silt. pale yl: 5y 8/3 damp white 5y 8/1 - dry			
130			N-129-88-13 (130')		
135					
140		Sandy, gritty GRAVEL (GS) SO: f-c.g. lt tn, v. lt gy (5y 8/1-2 dry) Gvl: pbls/chip to 1" + in size	N-129-88-14 (140')		
145					
150			N-129-88-15 (150')		

Project: USATHAMA	Boring: N-129-88	Page: 5 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		Volcanics,			
		lt. tn & bn qtzite. (10yR 7/4 -			
		Alt, hbl-volcs: Sericitic/Kaolinitic (2.5y 6/6 -			
155		Coarse returns: <1/4' - 2".			
		Sub< - quadrate chips			
		Sandy material, coarse grained prob rock derived			
160		Silty material prob from alt.	N-129-88-16 (160')		
		[Gravely returns prob from upper Volcaniclastic unit (?)]			
165		Alt. variegated Volcanics			St. 10-17-88
		k yl bn SS/qtzite.			
		returns generally <1/2"			
170		lt bn qtzite/SS and alt volcs A.A.			
		volcs - intermediate to basic - bedrock?			
175			N-129-88-17 (-175')		
180			N-129-88-18 (-180')		
185		V. sty. dark variegated Volcanics			
		cly'y-sty mat'l from Kaolinitic - Sericitic alteration.			
		Volcs: predom dark gy. incl 5y 8/3			
190		w̄ lt gn. alt hmt porphyry 5y 8/2 and rd'sh alt felsitics ~2.5yR 5/4	N-129-88-19 (-190')		
195		Mixed volcs.			
		predom lt gn pyroxene? bearing. - 2.5y 5/2			
		- w̄ rev alt pyrobolas rd'sh bn alt 5yR 5/3	N-129-88-20 (-200')		
200		w̄ yl bn SS 2.5y 6/6.			

Project: USATHAMA	Boring: N-129-88	Page: 6 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200		Alt volcanics cont. from 195			drilling air w/ injection
205		Sandy returns			
210			N-129-88-21 (210)		
		As per 195-200 - intermediate - Andesite -			
215					
220		OVERALL CAST: Very light bl. gy 5Y 8/1 - 7/1	N-129-88-22 (220)		
225					St. 10/18/88 Drilling w/ air only
		Mixed volcanics - highly alt. generally dark rd'ish bn - dk bn w/ siliceous & semantic & FeOx alt. - contains c.g. qtzitic material over all color: light purplish grey 7.5YR 6/4			
230			N-129-88-23 (230)		Cuttings becoming more and more moist
235					
240			N-129-88-24 (240')		
	240 TD				
			HNu=0		

BORING LOG GENERAL DATA

Project: USATHAMA Boring: N-130-88 Page: 1 of C

Driller & Company: Robert Armstrong / DAVE'S DRILLING

Geologist/Logger & Company: John McDonnell / WESTON Signature: [signature]

Date Boring Started: 10-19-88 Completed: 10-26-88

Water Levels (from Ground Surface) Drilling Rig: CP7000

First Encountered: Date:

While Drilling: Date:

At Boring Completion: 10-27-88 Date: 224.6'

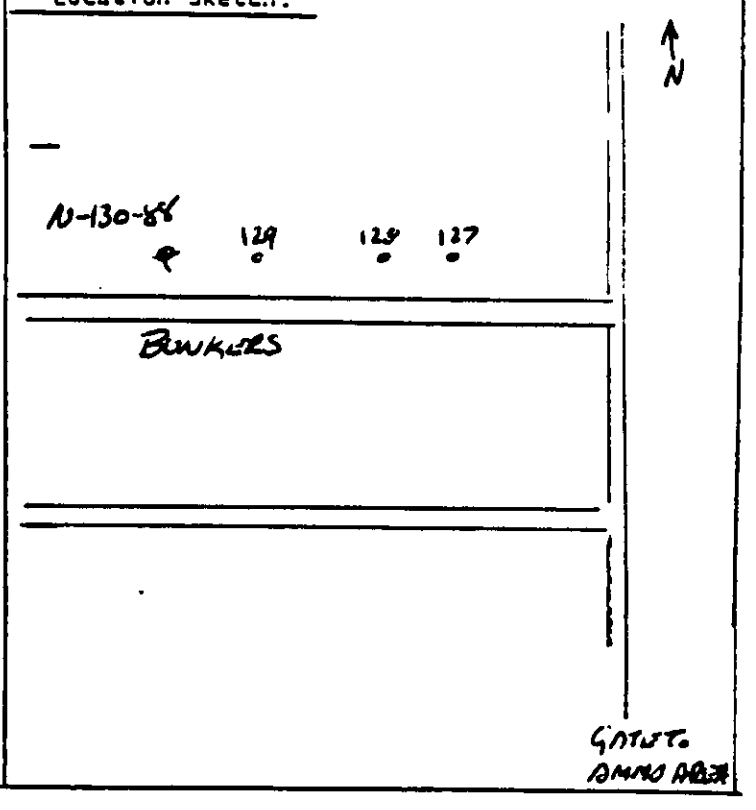
Drilling Shifts:

Date	Time		Depth of Drilling Per Shift		Date	Time		Depth of Drilling Per Shift	
	Start	End	Start	End		Start	End	Start	End
10-19-88	7:30	5:30	0	75					
10-2[illegible]-88	"	"	75	120					
10-25-88	"	"	120	180					
10-26-88	"	"	180	245					

Abbreviations:

Abbr	Meaning
Sd, Sdy	Sand, Sandy
Slt, Sly	Silt Silty
Cly'y	Clayey
Gvl	Gravel
Pbl	Pebble
Cbl	Cobble
bldr	boulder
rd, rdd	round, rounded
∠.	Angular
Volc	Volcanic
w̄	with
Sly	Slightly
V.	Very
fg.	fine grained
m	medium
c	Coarse
bn	brown
bk	black
rd	red
yl	yellow
gn	green
bl	blue
gy	grey
dk	dark
lt.	light

Location Sketch:



Project: USATHAMA	Boring: N-130-88	Page: 2 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
0		Fine Sand (SP), Hyl tn (2.5y 7/2) -m-f.g; p.rd'd-Subr. frosted qtz w/ lmt alt & acc micas.			Drilling w/ air only
5		Clayey Sand (SC), lt wh'ish gy (5y 7/1) m-f.g.			
10			N-130-88-1 (-10')		
15		Clayey Sand (SC) lt. bn (5y 7/2) f.g. ferruginous			
20		Silty Sand (SM): v.f. pale yl. (2.5y 7/4), damp.	N-130-88-2 (-20')		Drilling w/ air & water injection.
25					
30			N-130-88-3 (-30')		
35		Sandy, silty Cly. (CM/CS) olive gray, (5y 6/2)			
40			N-130-88-4 (-40')		
		Becoming more silty ↓			
45					
50					

Project: USATHEMA	Boring: N-130-88	Page: 3 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
50		↓ Olive Grey clayey Silt. (from 35'	N-130-88-5 (-55')		
55		Clay, (C-) w̄ lm'c spotting. lt. bl'sh gy ↓ becoming sandy			
60			N-130-88-6 (-60')		spoon sample 60'-62'
65		Gravely at base. w̄ well rd'd - flatish pbls.			
70		wh. SAND: fine grained; off-white - silty -	N-130-88-7 (-70')		
75					— Start 10-20-88 drilling w̄ air injection
80		2.5y 8/2 dry 6/2, damp	N-130-88-8 (-80')		
85					
90		Gravel; (GW) pea' to mod. pbl (-1½") Mod well rd'd	N-130-88-9 (-90')		
95		Gravel (GP?) Mod rd'd - Mostly ~½" - flattish —			
100			N-130-88-10 (-100')		

Project: USACAMA	Boring: N-130-88	Page: 4 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
100		Clayey SAND (SC). Grey (10YR 7-8/1): V.f. grained			
105					
			N-130-88-11 (-110')		
110		GRAVEL (GW/GS), Sandy. Qtzite & Carb. pbls to ~1". well rd'd. Sd: H.tn (2.5YR 8/2); f-m-c.g.			
			N-130-88-12 (-115')		
115					
120					-- Start 10-25-88, drilling w̄ air & water injection.
125					
130		Clayey Silt. H.yl. (2.5Y 8/2)			
135		SANDY GRAVEL (GS) Predm. blocky, ∠. fedy cft. Qtzite clasts - cbl frags to 2". 2ndary intrusives. SD: c.g - gritty.	N-130-88-13 (-135')		
140			N-130-88-14 (-140')		
145		Gravely, Clayey Sand (SG-SC) - lt yl (2.5YR 8/2); f-m.g. w̄ pea gravel.			Drilling w̄ air only to dry hole
150			N-130-88-15 (-150'		

Project: USATHAMA	Boring: N-130-88	Page: 5 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
150		Very coarse Gravel (GP, GS) w/ large (to 3") bldr & cbl frags.			
155			N-130-88-16 (- 155')		
160		Coarse Gravel predom. SS-qtzite			
165					
170		Andesite (?) (volc w/ lt-dk gn aphanitic groundmass & pyrobole phenocryst. Sharp, angular quartz rock chips w/ sandy calc. cement on joints & fracts.	N-130-88-17 (- 170'		
175					
180		Sandstone; yl. bn ( ) Sub∠. chips. Some dk bn-Silicified (Scorn).	N-130-88-18 (- 180)		Start 10-26-88 drilling w/ air only
185		(F-c. sb prob. crushed rock - in part.)			
190			N-130-88-19 (- 190)		
195					
200			N-130-88-20 (- 200')		

210'

Project: USATHAMA	Boring: N-130-88	Page: 6 of 6

Depth/ Elevation	USCS Symbol/ Core Sketch	Soil/Rock Description	Sample Number & Depth	Blow Count & Recovery	Drilling Data
200		Grey, fine grained-amorph rock cuttings w̄ hornblende? w̄ var yl hm-rd'bn feox alt rims (some cupritic red); occ garnet -some hbl(?) completely leached or w̄ remnant lim in bugs. -poss metased ≡ cuttings angular -sub∠.			
205			N-130-88-21 (-210)		
210		Volc. gvl(?): Andesite, tuff; — Sub rd pbl-like clasts. w̄. hm'c alt qtzite.	N-130-88-22 (-215')		
215					
220		Volc gvl (?) ∠. clasts w̄ fluffy, sdy-clayey coadings -cement? -hbl bearing rock w̄ 2ndy qtz.			
225					
230					
235			N-130-88-23 (-235')		
240		Alt. crystal-lithic tuffs. Tuffs: v. sdy text; matrix variable alt to clay. Lithic frags gen andesitic? -dark volcan, some w̄ green amorph alt. minerals	N-130-88-24 (242-244)		WATER BEARIN
245	TP	↓			

APPENDIX C

GEOTECHNICAL TESTING PROGRAM RESULTS

rthern
Engineering
and Testing, Inc.

400 West 900 North
Building #8
P. O. Box 281
North Salt Lake City, Utah 84054
(801) 298-9314

TECHNICAL REPORT

REPORT TO:

Weston
Attention: Mr. Paul Darr
5301 Central Avenue, NE, Suite 1000
Albuquerque, NM 87108

DATE: December 9, 1988
JOB NUMBER: 88-2371
SHEET: 1 **OF** 11
INVOICE NO.: 4545U

REPORT OF: Geotechnical Laboratory Tests for the U.S.A.T.H.A.M.A. Tooele Army Depot; Tooele, Utah

Sample Identification

On November 4, 1988, your personnel delivered to our laboratory Bore Hole Samples reported to be from the above referenced project. At your request, we performed the following tests in accordance with the indicated standard:

Test Description	Test Method
Moisture Content	ASTM D2216
Liquid Limit, Plastic Limit, and Plasticity Index of Soil	ASTM D4318
Mechanical Analysis	ASTM D422
Specific Gravity	ASTM D854

The test results are summarized as follows:

Test Results

AS A MUTUAL PROTECTION TO CLIENTS THE PUBLIC AND OURSELVES ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF OUR CLIENTS AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL SAMPLES WILL BE DISPOSED OF AFTER TESTING IS COMPLETED UNLESS OTHER ARRANGEMENTS ARE AGREED TO IN WRITING

(rev. 1983) NET-114

Sample No.	N-101-88	N-102-88	N-102-88
Depth	19.5 - 20.0	19.5 - 21.0	24.5 - 26.0
Lab No.	24628	24629	24630

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
1 1/2"	100				
1"	89				
3/4"	89			3/4"	100
1/2"	89			1/2"	98
3/8"	89			3/8"	98
No. 4	89			No. 4	98
No. 10	89			No. 10	98
No. 20	88	No. 20	100	No. 20	98
No. 40	87	No. 40	99	No. 40	97
No. 80	85	No. 80	99	No. 80	95
No. 100	83	No. 100	98	No. 100	94
No. 200	68	No. 200	91	No. 200	84
0.059	58	0.057	81	0.057	72
0.044	48	0.042	71	0.043	61
0.028	31	0.027	52	0.027	43
0.024	28	0.024	47	0.024	39
0.016	17	0.016	35	0.016	27
0.012	15	0.012	27	0.012	24
0.007	12	0.007	21	0.007	17
0.005	10	0.005	18	0.005	15
0.003	8	0.003	14	0.003	10
0.002	6	0.002	12	0.002	9
0.001	4	0.001	7	0.001	8
Specific Gravity	2.69		2.63		2.61

Moisture Content

Natural Moisture Content, %	11.3	24.0	24.4

Atterberg Limits

Liquid Limit, %	--	--	--
Plastic Limit, %	--	--	--
Plasticity Index, %	Granular Non-Plastic	Granular Non-Plastic	Granular Non-Plastic

Sample No.	N-103-88	N-104-88-35	N-105-88-3
Depth	34.5 - 36.0	34.0 - 35.5	14.0 - 15.5
Lab No.	24631	24632	24633

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
				No. 4	100
		No. 10	100	No. 10	99
		No. 20	99	No. 20	99
		No. 40	98	No. 40	98
		No. 80	79	No. 80	96
No. 100	100	No. 100	68	No. 100	96
No. 200	88	No. 200	39	No. 200	87
0.059	66	0.068	37	0.058	76
0.045	50	0.049	30	0.044	64
0.028	30	0.029	24	0.027	45
0.024	26	0.024	22	0.024	41
0.016	21	0.016	19	0.016	29
0.012	17	0.012	16	0.012	25
0.007	12	0.007	13	0.007	20
0.005	10	0.005	12	0.005	17
0.003	9	0.003	10	0.003	14
0.002	8	0.002	9	0.002	13
0.001	7	0.001	7	0.001	8
Specific Gravity	2.68		2.65		2.60

Moisture Content

Natural Moisture Content, %	19.5	5.6	21.8

Atterberg Limits

Liquid Limit, %	--	--	--
Plastic Limit, %	--	--	--
Plasticity Index, %	Granular Non-Plastic	Granular Non-Plastic	Granular Non-Platic

Sample No.	N-106-88-5	N-106-88-8	N-107-88-3
Depth	24.0 - 25.0	39.0 - 40.5	14.0 - 15.5
Lab No.	24634	24635	24636

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
No. 10	100				
No. 20	99				
No. 40	98	No. 40	100	No. 40	100
No. 80	97	No. 80	99	No. 80	99
No. 100	96	No. 100	99	No. 100	97
No. 200	87	No. 200	97	No. 200	79
0.057	75	0.055	83	0.061	63
0.043	65	0.041	75	0.046	48
0.027	46	0.026	57	0.029	30
0.024	42	0.022	54	0.025	27
0.016	29	0.015	43	0.016	19
0.011	28	0.011	39	0.012	14
0.007	21	0.006	29	0.007	10
0.005	19	0.004	26	0.005	9
0.003	16	0.003	23	0.003	7
0.002	13	0.002	20	0.002	6
0.001	10	0.001	14	0.001	5
Specific Gravity	2.65		2.67		2.65

Moisture Content

Natural Moisture Content, %	19.8	27.6	6.0

Atterberg Limits

Liquid Limit, %	--	32	--
Plastic Limit, %	--	21	--
Plasticity Index, %	Granular Non-Plastic	11	Granular Non-Plastic

Sample No.	N-109-5	N-110-88	N-110-88
Depth	24.0 - 25.5	60.0 - 61.0	75.0 - 76.0
Lab No.	24637	24638	24639*

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
No. 40	100				
No. 80	99				
No. 100	99	No. 100	100		
No. 200	90	No. 200	98	No. 200	100
0.059	75	0.052	79		
0.044	62	0.042	70		
0.028	42	0.026	55		
0.024	38	0.023	52		
0.016	28	0.014	45		
0.012	22	0.011	36		
0.007	17	0.007	27		
0.005	15	0.005	21		
0.003	13	0.003	19		
0.002	11	0.002	18		
0.001	8	0.001	12		
Specific Gravity	2.63		2.63		

Moisture Content

Natural Moisture Content, %	23.7	12.8	31.4

Atterberg Limits

Liquid Limit, %	--	30	60
Plastic Limit, %	--	22	23
Plasticity Index, %	Granular Non-Plastic	8	37

*Insufficient Sample Prohibited Performance of all the Tests Requested.

Sample No.	N-111-88	N-112-88-16	N-120-88-12
Depth	70.0	156.5 - 158.0	12.0
Lab No.	24640	24641	24642*

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
		1 1/2"	100	1 1/2"	100
1"	100	1"	83	1"	49
3/4"	94	3/4"	83	3/4"	42
1/2"	90	1/2"	83	1/2"	39
3/8"	90	3/8"	82	3/8"	37
No. 4	89	No. 4	81	No. 4	33
No. 10	88	No. 10	79	No. 10	31
No. 20	88	No. 20	77	No. 20	29
No. 40	88	No. 40	76	No. 40	29
No. 80	85	No. 80	72	No. 80	27
No. 100	82	No. 100	70	No. 100	26
No. 200	61	No. 200	60	No. 200	21
0.067	42	0.058	59		
0.048	37	0.045	45		
0.029	29	0.027	38		
0.025	27	0.023	37		
0.016	24	0.015	32		
0.012	19	0.011	28		
0.007	18	0.006	24		
0.005	17	0.005	22		
0.003	15	0.003	19		
0.002	13	0.002	18		
0.001	11	0.001	15		
Specific Gravity	2.63		2.64		--

Moisture Content

Natural Moisture Content, %	16.7	14.2	5.8

Atterberg Limits

Liquid Limit, %	--	24	--
Plastic Limit, %	--	15	--
Plasticity Index, %	Granular Non-Plastic	9	--

*Insufficient Sample Prohibited Performance of all the Tests Requested.

Sample No.	N-121-88	N-121-88	N-122-88
Depth	50.0 - 51.5	60.0 - 61.5	30.0 - 31.0
Lab No.	24643	24644	24645

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
				No. 20	100
				No. 40	99
		No. 80	100	No. 80	99
No. 100	100	No. 100	99	No. 100	99
No. 200	87	No. 200	91	No. 200	96
0.062	65	0.060	77	0.055	91
0.046	56	0.044	67	0.042	79
0.028	40	0.027	51	0.025	65
0.024	33	0.024	45	0.022	61
0.016	24	0.016	33	0.015	49
0.012	21	0.012	29	0.011	41
0.007	18	0.007	22	0.006	32
0.005	14	0.005	18	0.005	27
0.003	12	0.003	15	0.003	23
0.002	10	0.002	12	0.002	21
0.001	8	0.001	8	0.001	14
Specific Gravity	2.67		2.63		2.65

Moisture Content

Natural Moisture Content, %	31.6	40.3	31.6

Atterberg Limits

Liquid Limit, %	--	--	28
Plastic Limit, %	--	--	22
Plasticity Index, %	Granular Non-Plastic	Granular Non-Plastic	6

Sample No.	N-122-88-7	N-122-88	N-122-88
Depth	39.5 - 40.5	40.0 - 41.5	45.0 - 46.5
Lab No.	24646	24647	24648*

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
No. 20	100				
No. 40	99				
No. 80	99	No. 80	100		
No. 100	99	No. 100	99		
No. 200	82	No. 200	86	No. 200	100
0.061	62	0.060	67		
0.045	53	0.047	44		
0.027	39	0.030	16		
0.024	35	0.026	14		
0.016	27	0.017	12		
0.012	21	0.012	10		
0.007	16	0.007	9		
0.005	12	0.005	9		
0.003	9	0.003	7		
0.002	8	0.002	6		
0.001	7	0.001	5		
Specific Gravity	2.68		2.65		--

Moisture Content

Natural Moisture Content, %	13.6	27.0	35.2

Atterberg Limits

Liquid Limit, %	--	--	50
Plastic Limit, %	--	--	24
Plasticity Index, %	Granular Non-Plastic	Granular Non-Plastic	26

*Insufficient Sample Prohibited Performance of all the Tests Requested.

Sample No.	N-123-88-7	N-123-88-8	N-127-88-6
Depth	39.5 - 40.5	49.5 - 50.5	65.0
Lab No.	24649	24650	24651

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
1/2"	100				
3/8"	99				
No. 4	99				
No. 10	99				
No. 20	99				
No. 40	99	No. 40	100		
No. 80	98	No. 80	99		
No. 100	97	No. 100	99		
No. 200	73	No. 200	96	No. 200	100
0.063	57	0.056	82	0.054	95
0.047	44	0.042	72	0.040	87
0.028	32	0.026	57	0.025	73
0.025	29	0.023	50	0.022	67
0.016	24	0.015	38	0.014	59
0.012	19	0.011	32	0.011	51
0.007	15	0.007	26	0.006	49
0.005	12	0.005	22	0.004	39
0.003	11	0.003	19	0.003	34
0.002	10	0.002	17	0.002	26
0.001	7	0.001	13	0.001	20
Specific Gravity	2.65		2.65		2.67

Moisture Content

Natural Moisture Content, %	9.2	24.4	14.0

Atterberg Limits

Liquid Limit, %	--	30	36
Plastic Limit, %	--	23	21
Plasticity Index, %	Granular Non-Plastic	7	15

Sample No.	N-128-88-4	N-128-88-7	N-129-88-4
Depth	44.5	75.0 - 77.0	45.0 - 47.0
Lab No.	24652	24653	24654

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
No. 20	100				
No. 40	99				
No. 80	99	No. 80	100		
No. 100	98	No. 100	99	No. 100	100
No. 200	98	No. 200	99	No. 200	99
0.051	93	0.050	97	0.051	97
0.036	91	0.036	96	0.037	93
0.022	88	0.021	94	0.022	84
0.019	86	0.018	92	0.020	82
0.012	84	0.012	89	0.013	73
0.009	76	0.009	84	0.010	64
0.005	69	0.005	74	0.006	53
0.004	54	0.004	69	0.004	44
0.003	46	0.003	61	0.003	37
0.002	37	0.002	53	0.002	31
0.001	27	0.001	42	0.001	23
Specific Gravity	2.70		2.67		2.67

Moisture Content

Natural Moisture Content, %	38.1	39.6	35.1

Atterberg Limits

Liquid Limit, %	49	58	42
Plastic Limit, %	23	23	22
Plasticity Index, %	26	35	20

Sample No.	N-129-88-6	N-130-88-5
Depth	60.0 - 62.0	55.0
Lab No.	24655	24656*

Gradation

Sieve Size or Particle Dia., mm.	Percent Passing	Sieve Size or Particle Dia., mm.	Percent Passing
No. 200	100	No. 200	100
0.051	95		
0.037	93		
0.022	88		
0.019	86		
0.013	80		
0.009	74		
0.006	62		
0.004	52		
0.003	44		
0.002	37		
0.001	28		
Specific Gravity	2.66		--

Moisture Content

Natural Moisture Content, %	38.6	3.9

Atterberg Limits

Liquid Limit, %	47	47
Plastic Limit, %	23	17
Plasticity Index, %	24	30

*Insufficient Sample Prohibited Performance of all the Tests Requested.

Reviewed by _____

APPENDIX D

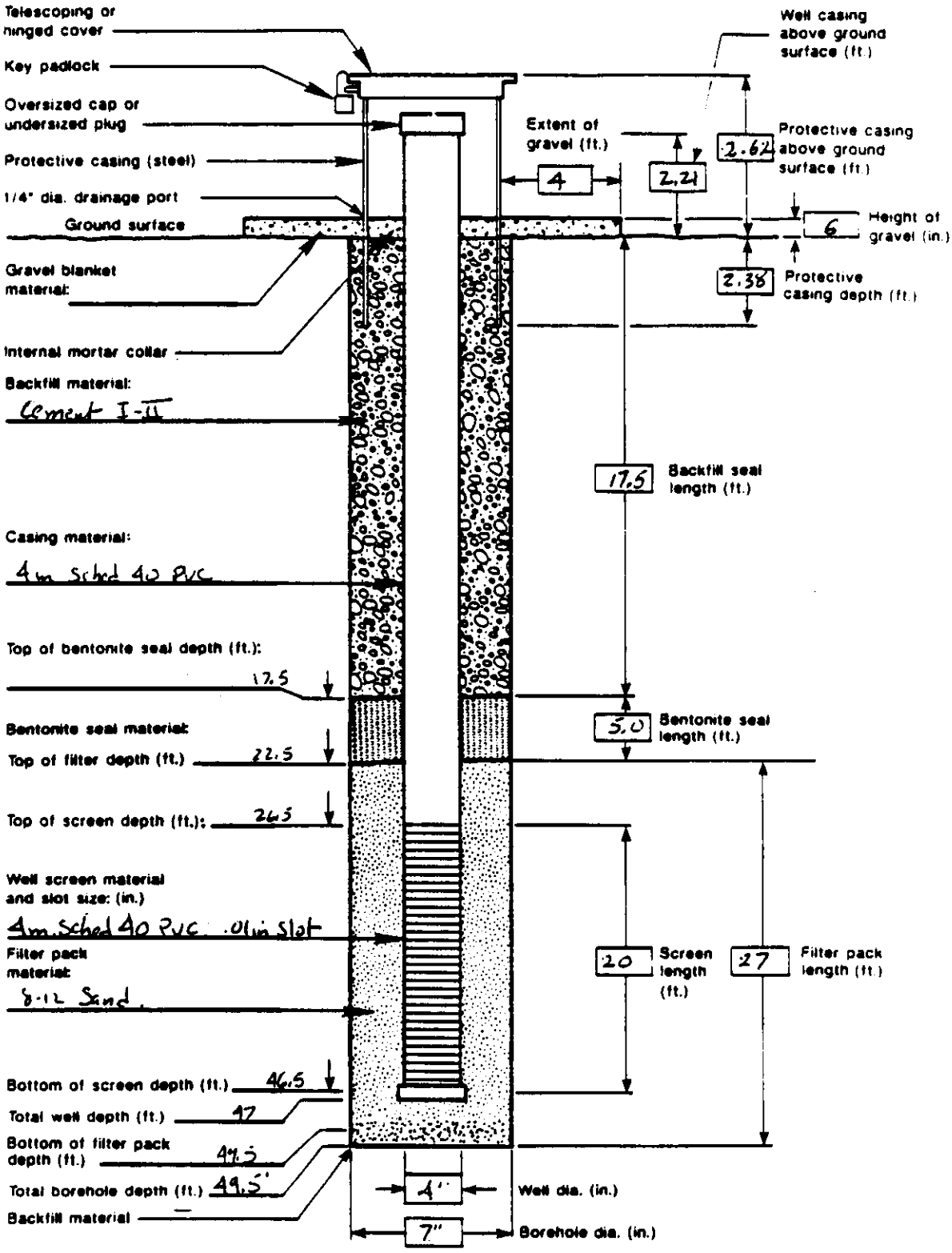
WELL CONSTRUCTION DETAILS

Well Construction Information Form

WELL DESIGNATION: N-101-88 INSTALLATION START DATE: 2-23-88

LOCATION: N-TEAD TNT washout INSTALLATION COMPLETION DATE: 2-23-88

COMMENTS: Well abandoned Well pulled and hole grouted up to surface.



Johnnie Donnell / G. J. Bacchus 2-1-89

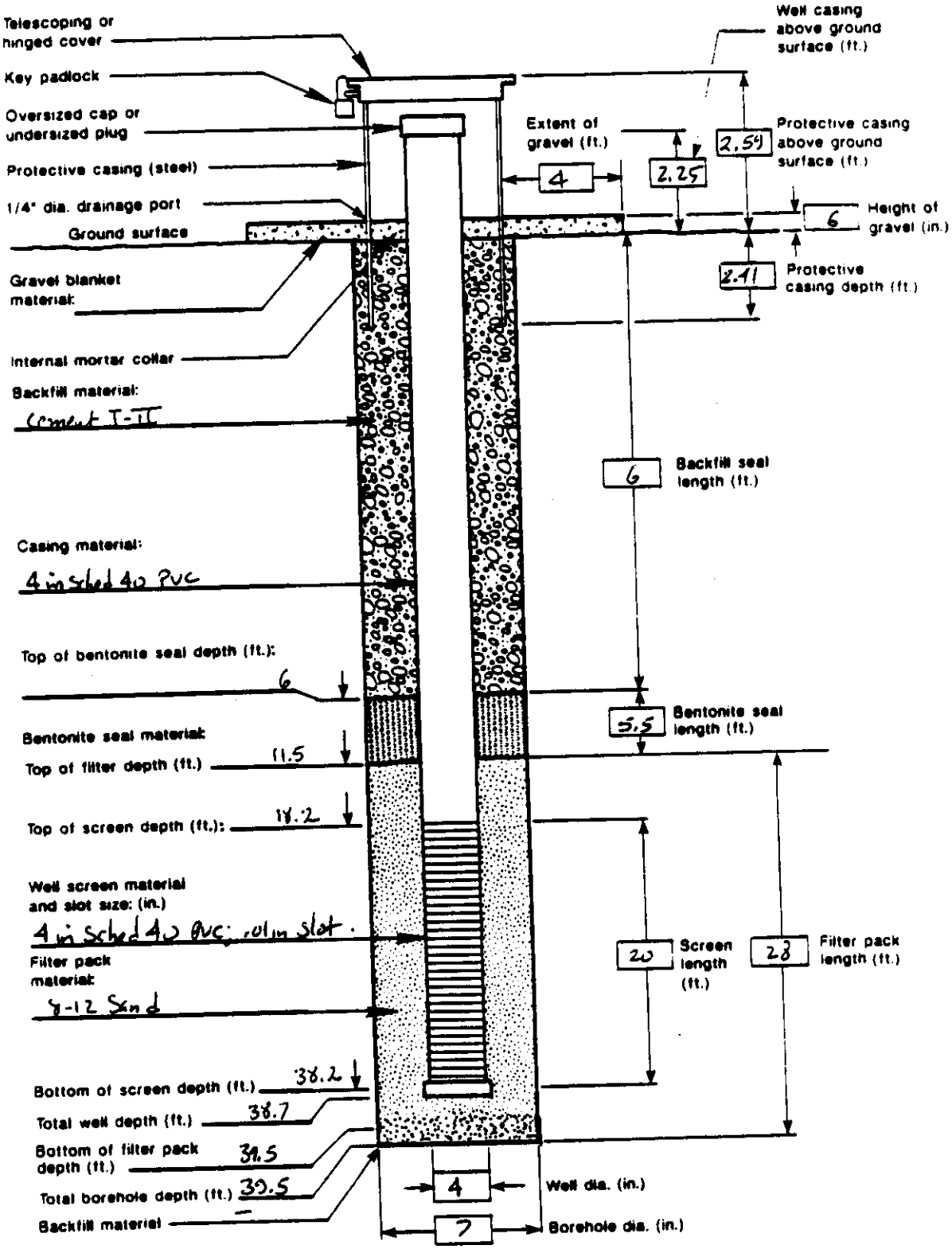
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-102-88 INSTALLATION START DATE: 2-23-88

LOCATION: N-TEAD TNT WASHOUT INSTALLATION COMPLETION DATE: 2-23-88

COMMENTS:



J. McDonnell / G. J. Bocchino 2-1-89

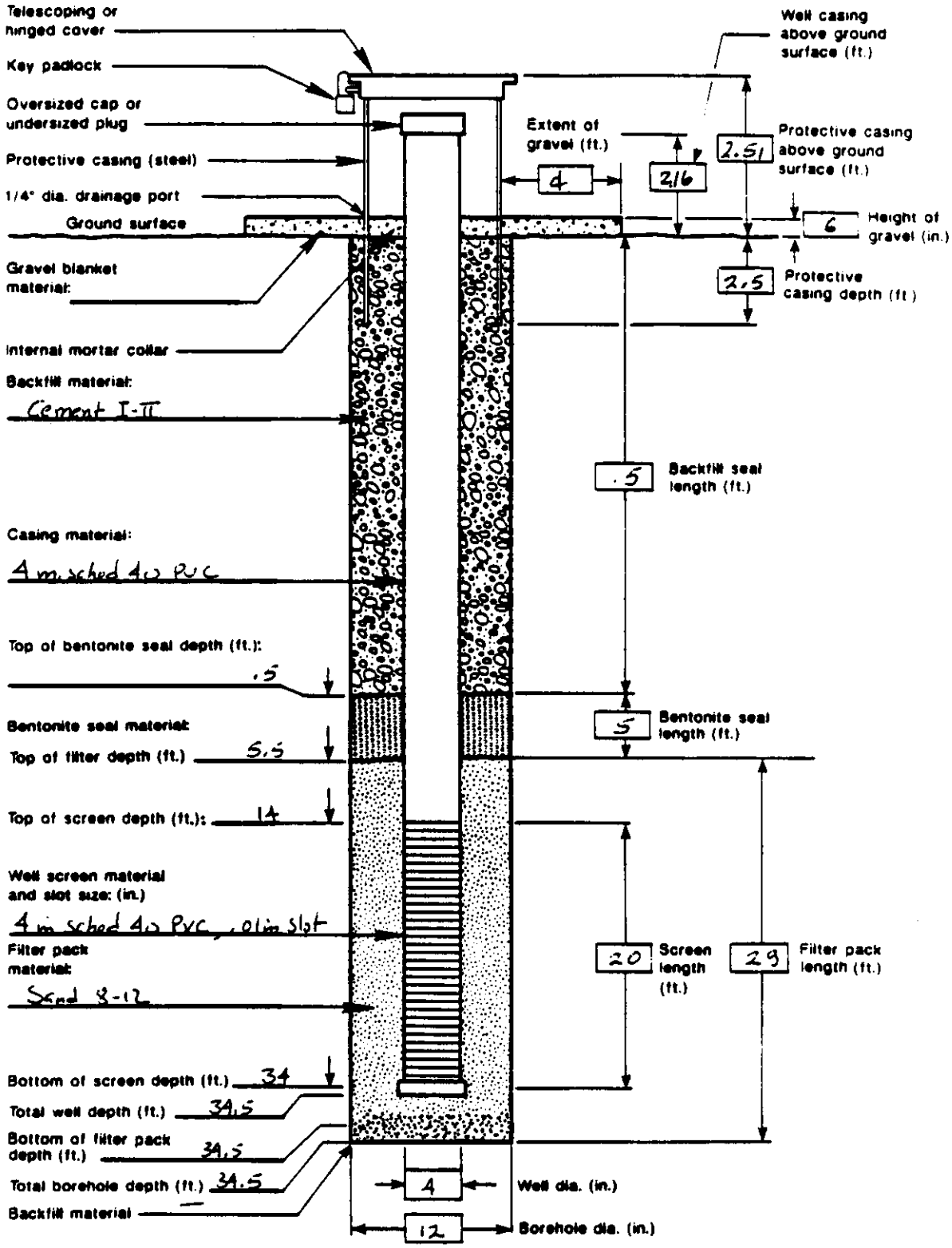
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-103-88 INSTALLATION START DATE: 2-24-8

LOCATION: N-TEAD TNT WASHOUT INSTALLATION COMPLETION DATE: 2-24-88

COMMENTS:



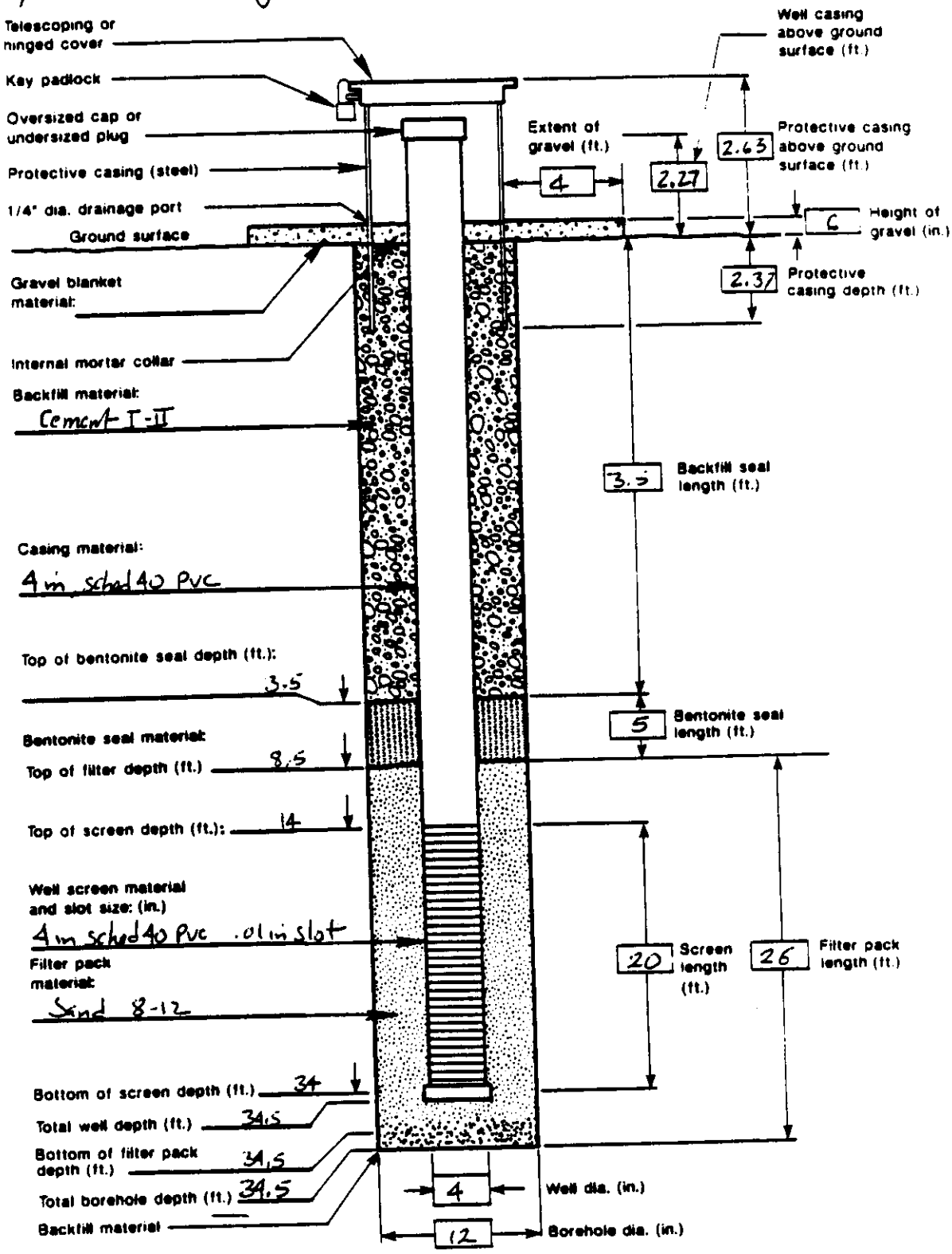
J. McDonnell / G. J. Bocchus 2-1-89
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-104-88 INSTALLATION START DATE: 2-25-88

LOCATION: N. TEAD TNT washout INSTALLATION COMPLETION DATE: 2-25-88

COMMENTS: Well abandoned Well pulled and hole grouted up to surface.



J. M. Darnell for J. Blecker 2-1-89

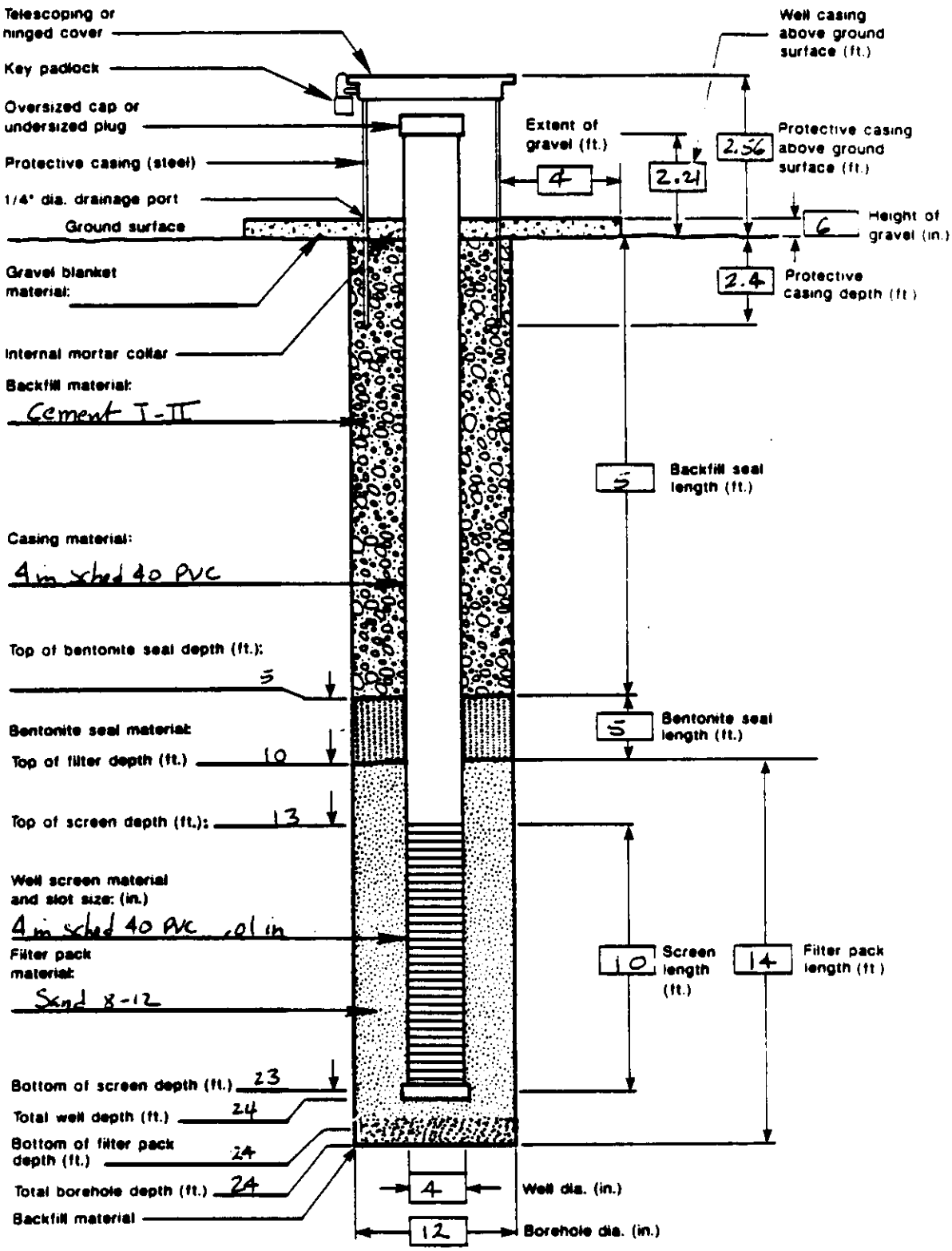
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-105-88 INSTALLATION START DATE: 2-26-88

LOCATION: N-TEAD TNT washout INSTALLATION COMPLETION DATE: 2-26-88

COMMENTS: Well abandoned. Well pulled and hole grouted up to surface.



[signature] 2-1-89

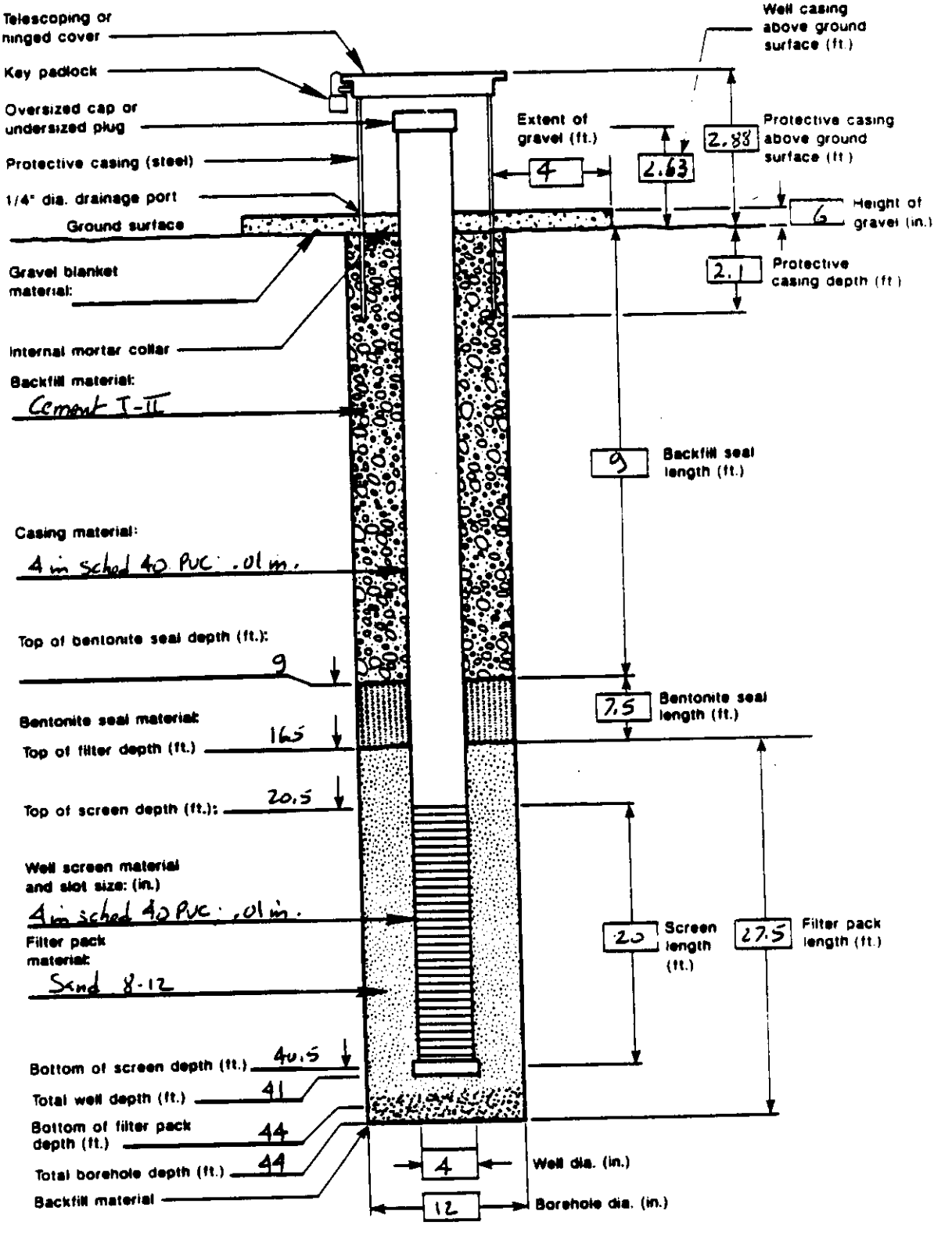
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-106-88 INSTALLATION START DATE: 2-22-88

LOCATION: N-TCAO TNT Washout INSTALLATION COMPLETION DATE: 2-22-88

COMMENTS:



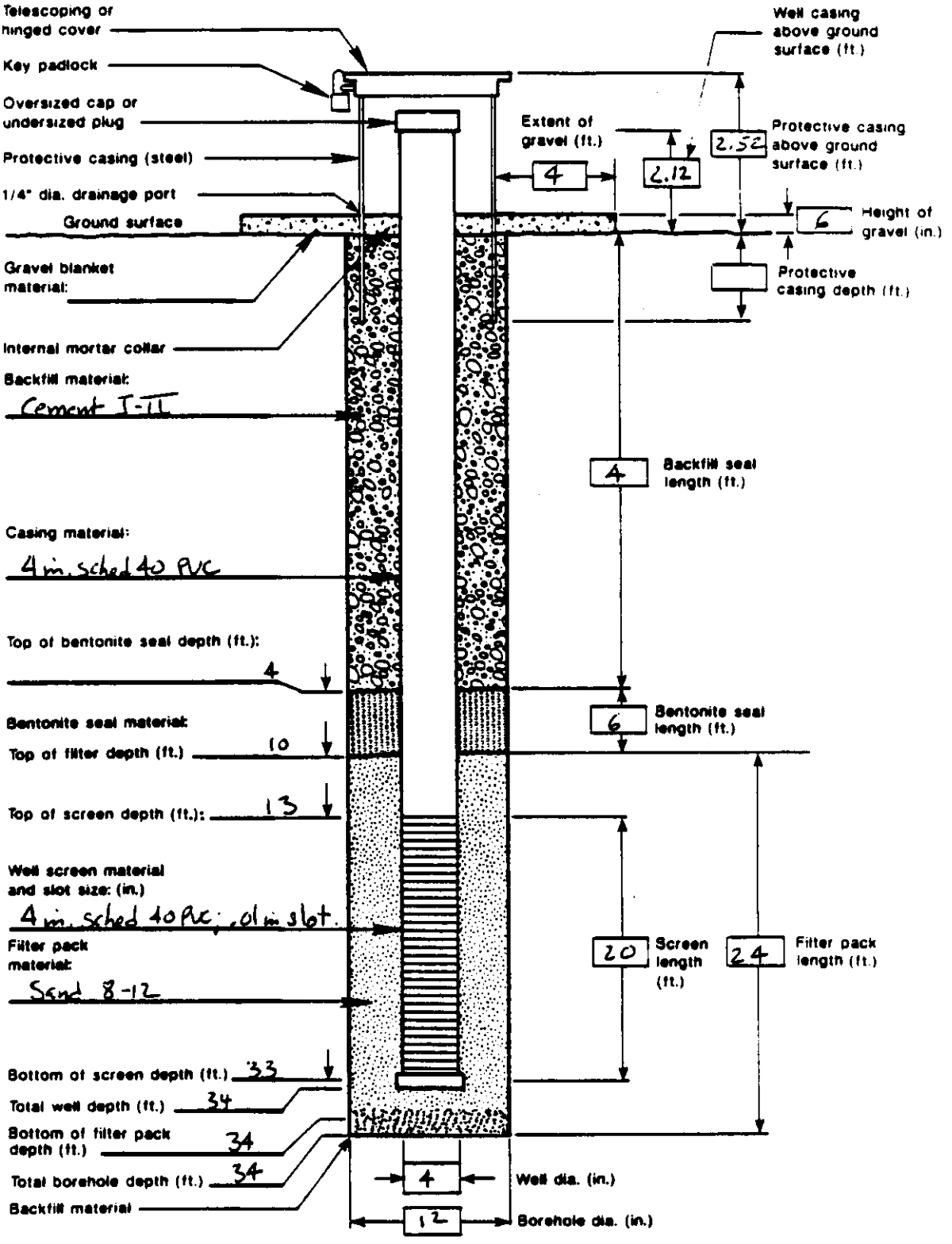
J. L. McDonald / J. Bacchus 2-1-89
FORM COMPLETED BY / DATE

Well Construction Information Form

WELL DESIGNATION: N-107-88 INSTALLATION START DATE: 2-27-88

LOCATION: N-Tend TNT washout INSTALLATION COMPLETION DATE: 2-27-88

COMMENTS: Well abandoned. Well pulled and grouted to surface.



John McDonnell for J. Barcelo's 2-1-89

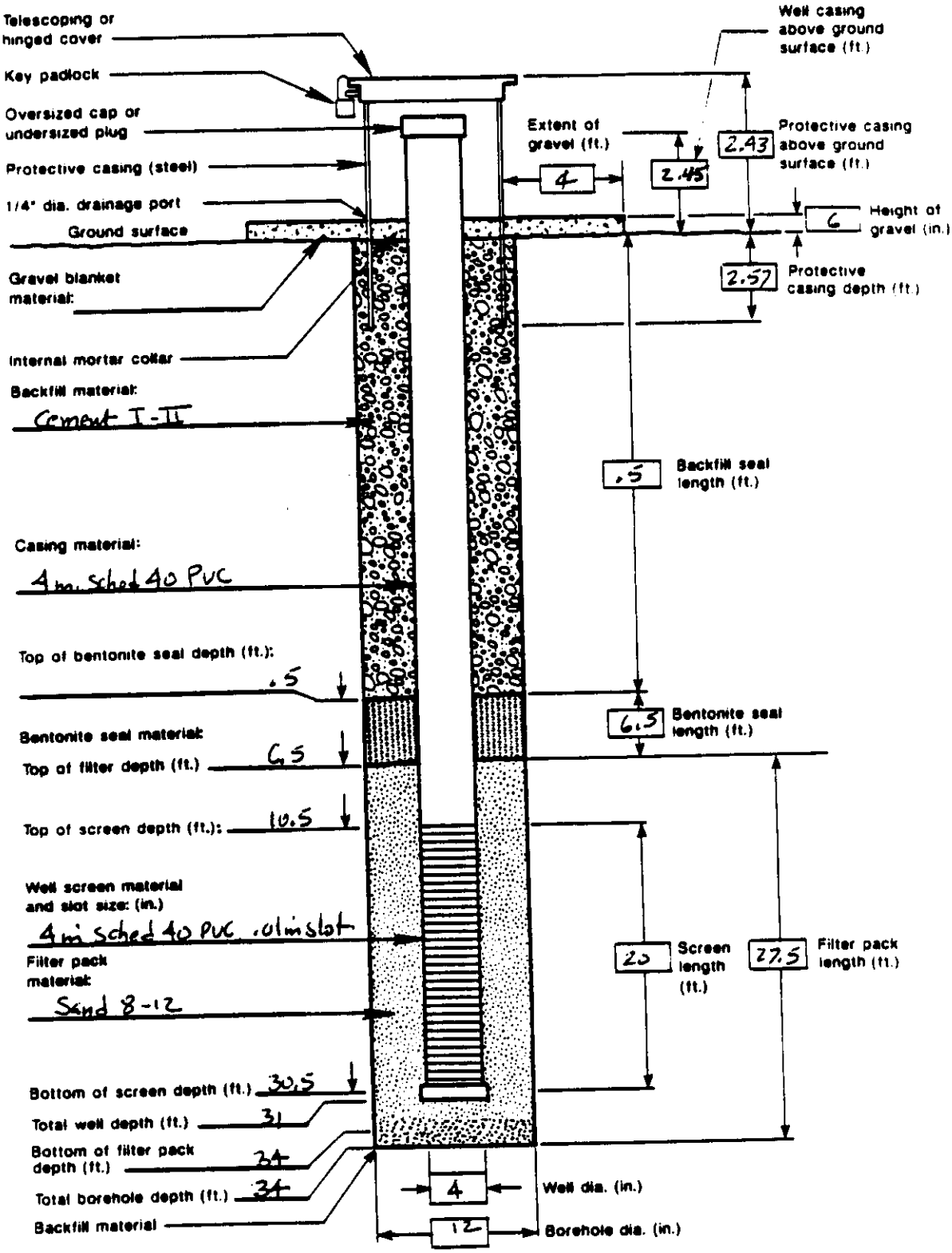
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-108-88 INSTALLATION START DATE: 2-28-88

LOCATION: N-TEAD TNT WASHOUT INSTALLATION COMPLETION DATE: 2-28-88

COMMENTS: Well abandoned. Well pulled and grouted up to surface



[illegible] 2-1-89

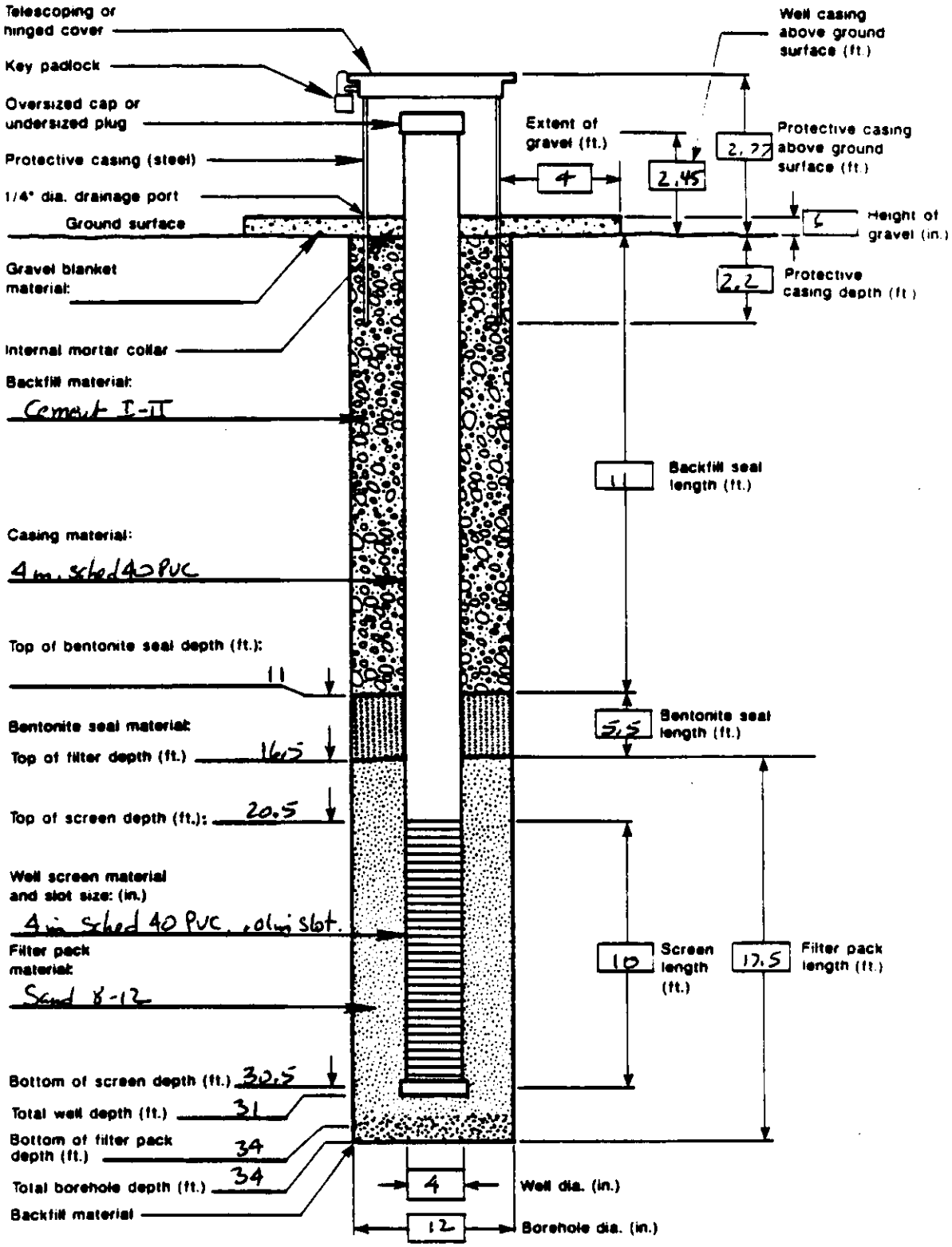
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-109-88 INSTALLATION START DATE: 2-28-88

LOCATION: N-TEAD TNT Washout INSTALLATION COMPLETION DATE: 2-28-88

COMMENTS: Well abandoned. Well casing pulled and hole grouted to surface.



[signature] 2-1-89

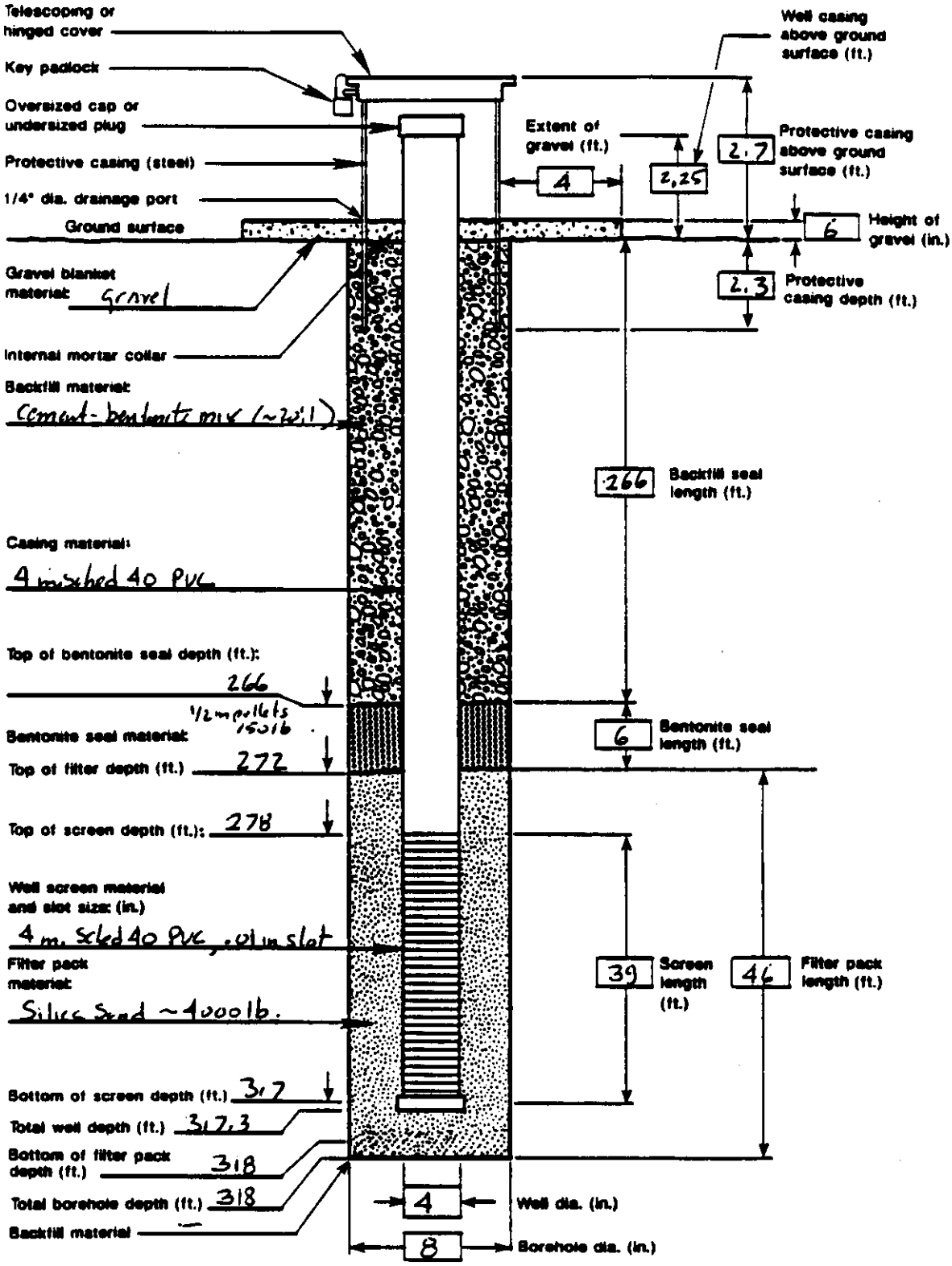
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-110-88 INSTALLATION START DATE: 8-5-88

LOCATION: N-TEAD S. of TNT washout INSTALLATION COMPLETION DATE: 8-6-88

COMMENTS:



J.L. McDonald / C.J. Fritts 2-1-89

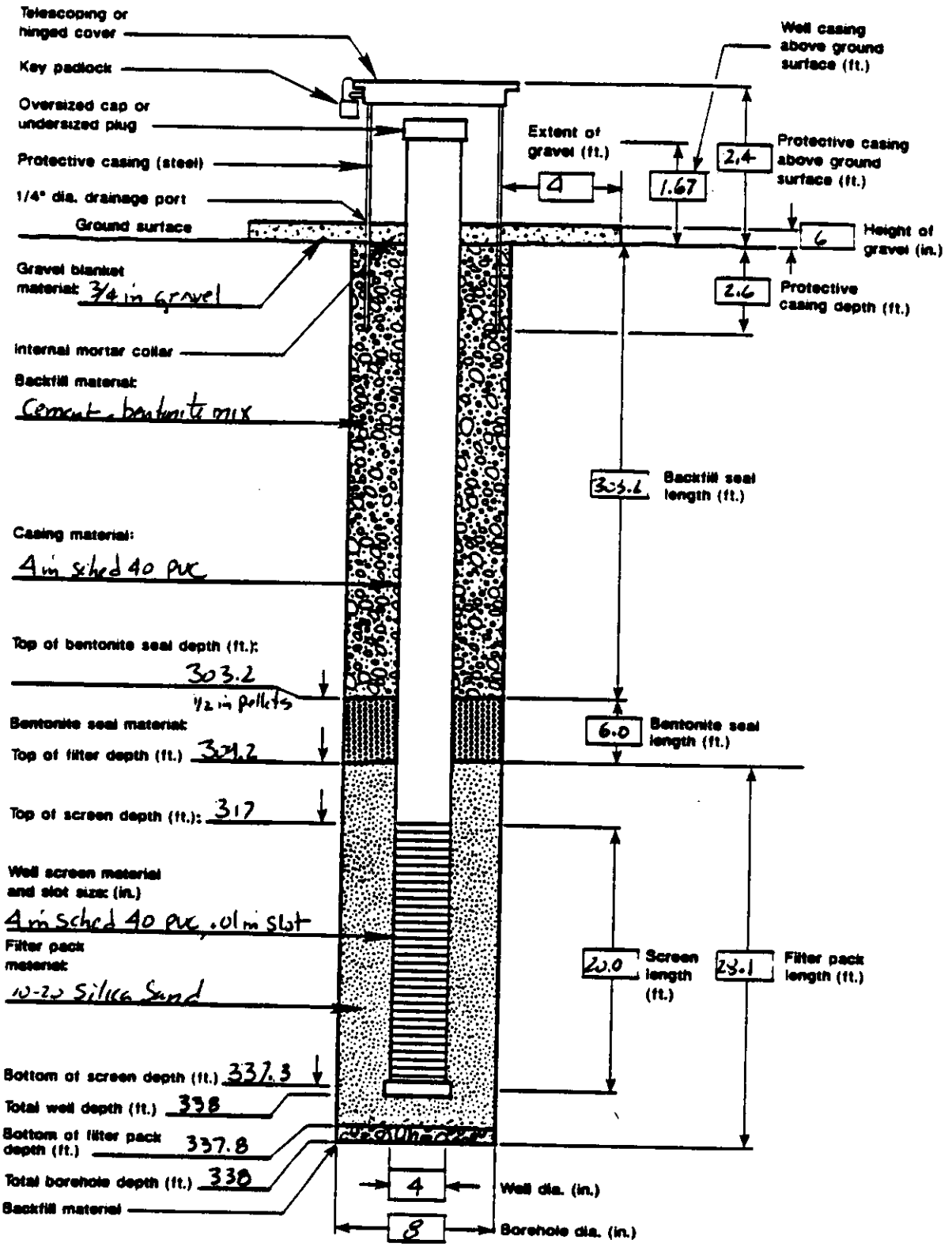
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-111-88 INSTALLATION START DATE: 3-31-88

LOCATION: N-TEAD Drum Storage INSTALLATION COMPLETION DATE: 4-5-88

COMMENTS:



J. McDonnell for K Holliway 2-1-89

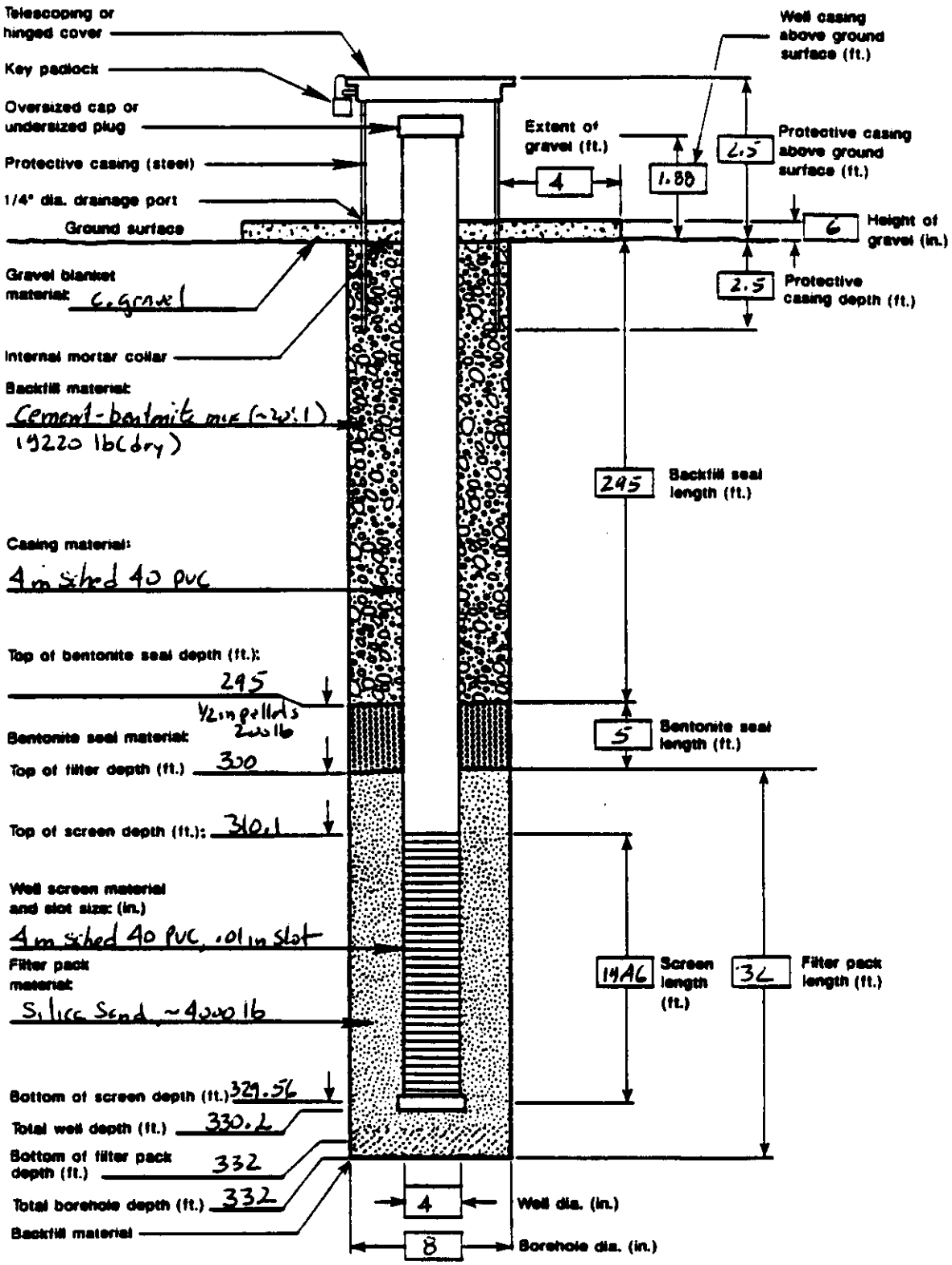
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-112-88 INSTALLATION START DATE: 4-23-88

LOCATION: N-Tead Drum Storage INSTALLATION COMPLETION DATE: 4-27-88

COMMENTS:



John McDonnell 6-1-89

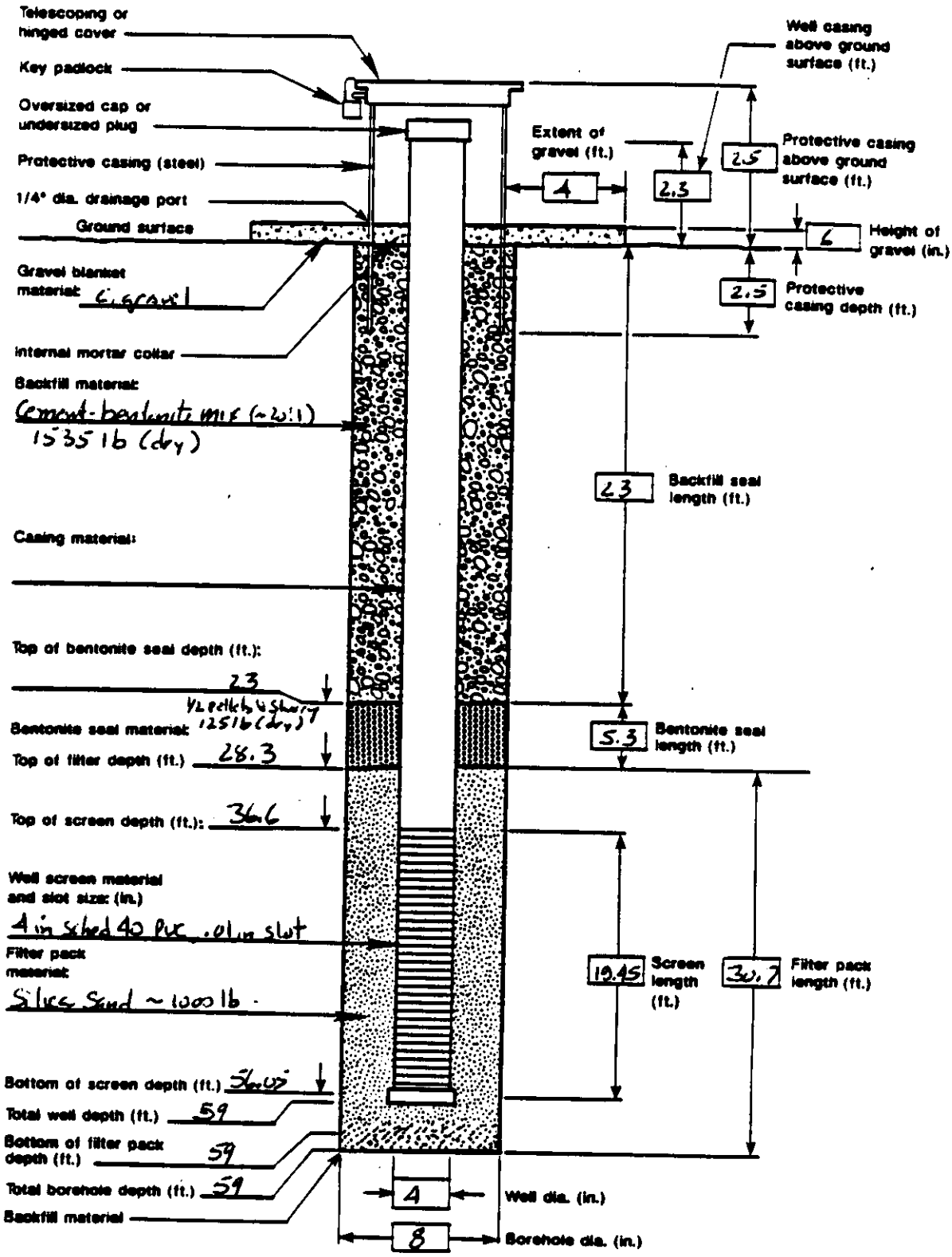
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-113-88 INSTALLATION START DATE: 5-3-88

LOCATION: N Tead Drum Storage INSTALLATION COMPLETION DATE: 5-3-88

COMMENTS: Well abandoned. Well casing pulled and grouted to surface.



John McDonnell 2-1-89

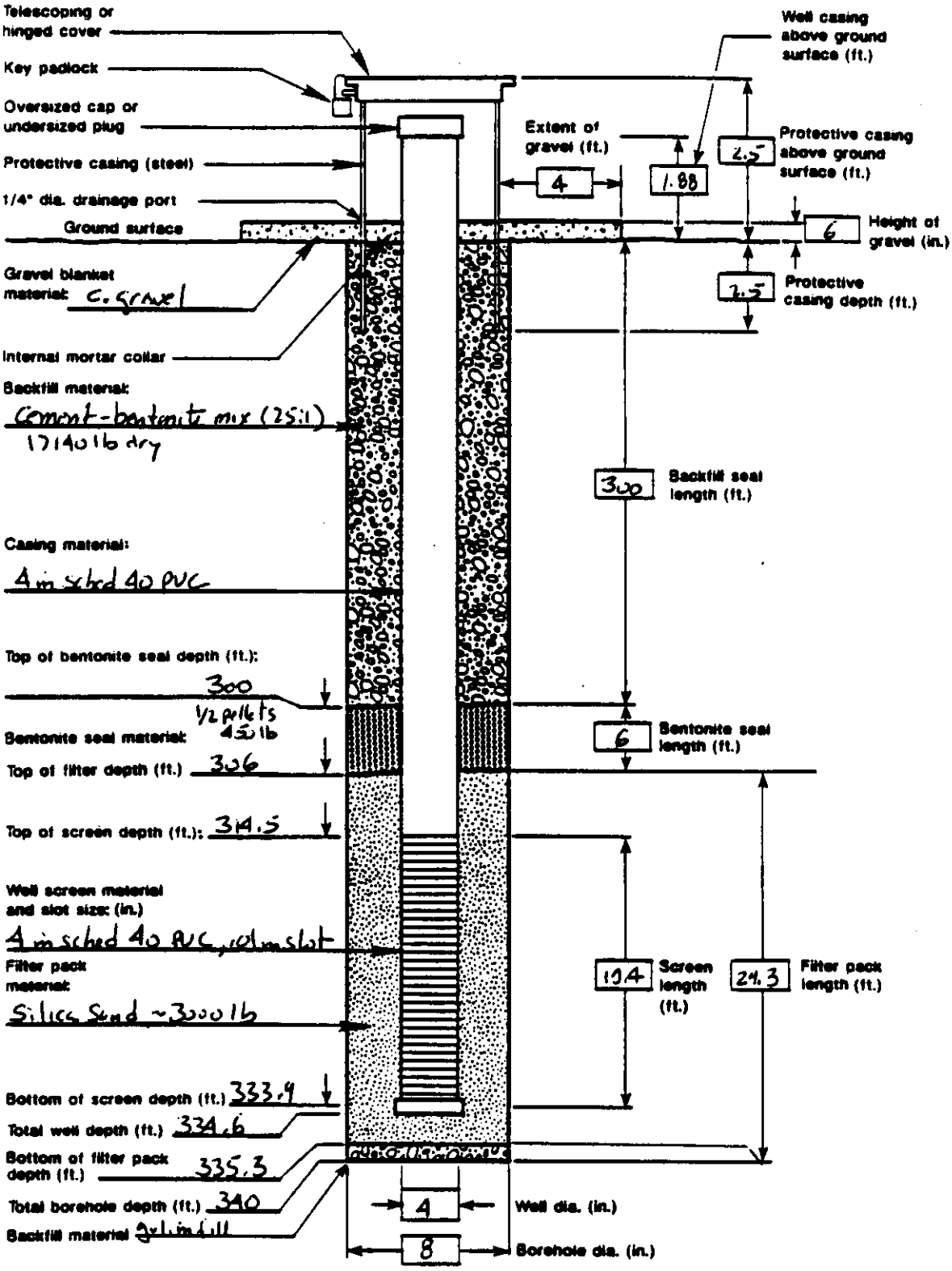
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-114-88 INSTALLATION START DATE: 6-2-88

LOCATION: N-Tead Drum Storage INSTALLATION COMPLETION DATE: 6-7-88

COMMENTS:



John McDonnell 2-1-87

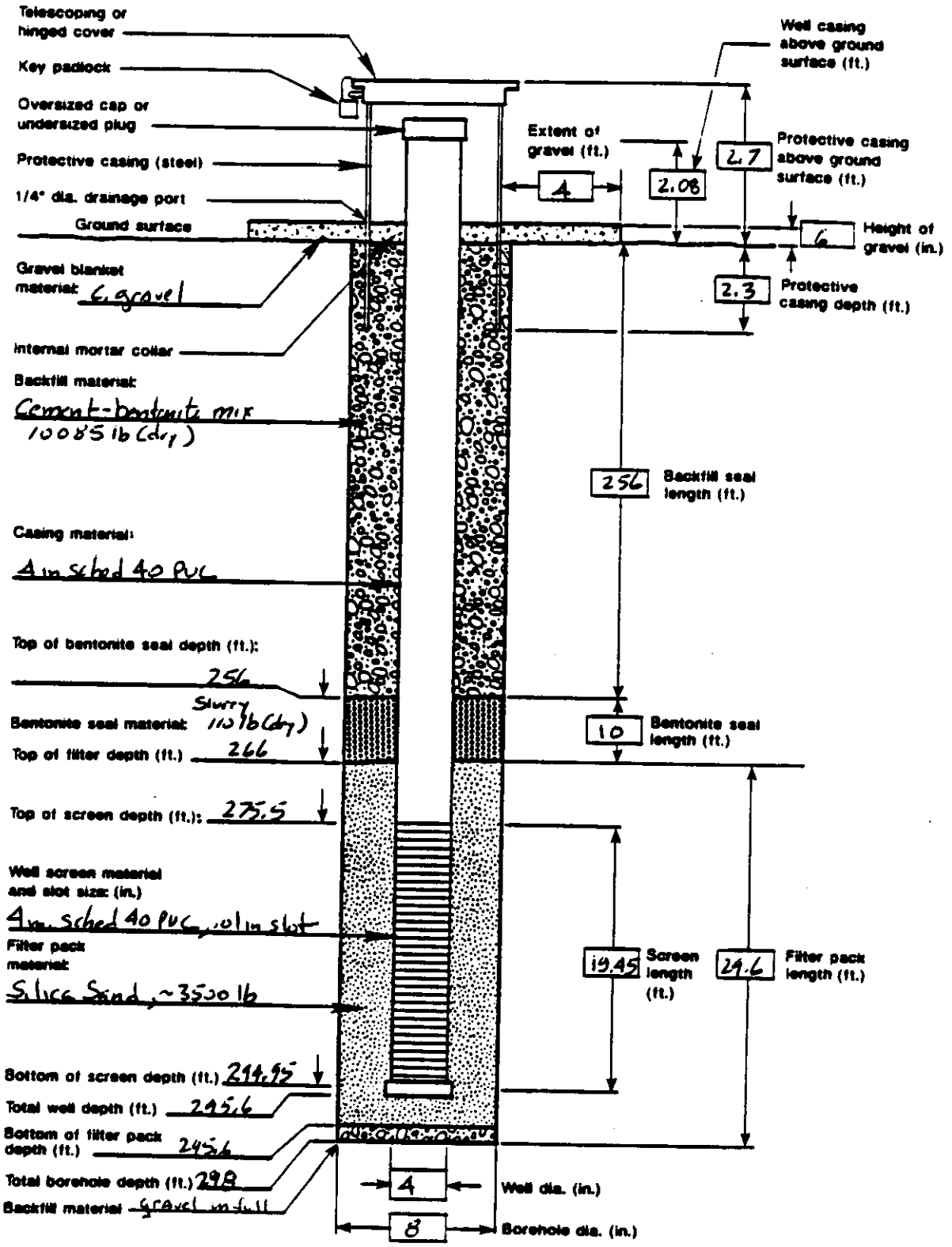
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-115-88 INSTALLATION START DATE: 6-19-88

LOCATION: N-Tead, landfill INSTALLATION COMPLETION DATE: 6-21-88

COMMENTS:



John McDonnell 2-1-89

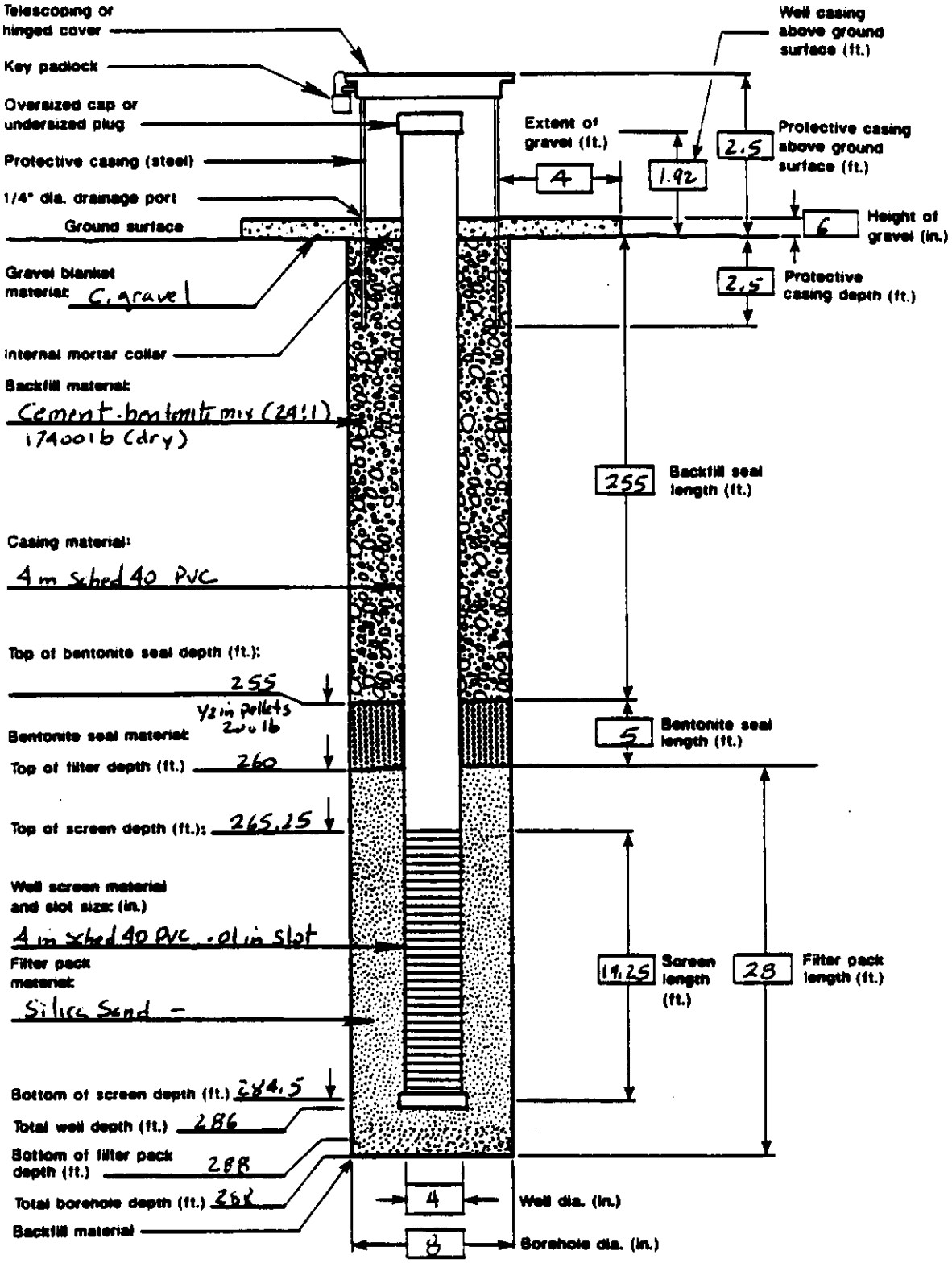
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-116-88 INSTALLATION START DATE: 7-5-88

LOCATION: N-Tead landfill INSTALLATION COMPLETION DATE: 7-8-88

COMMENTS:



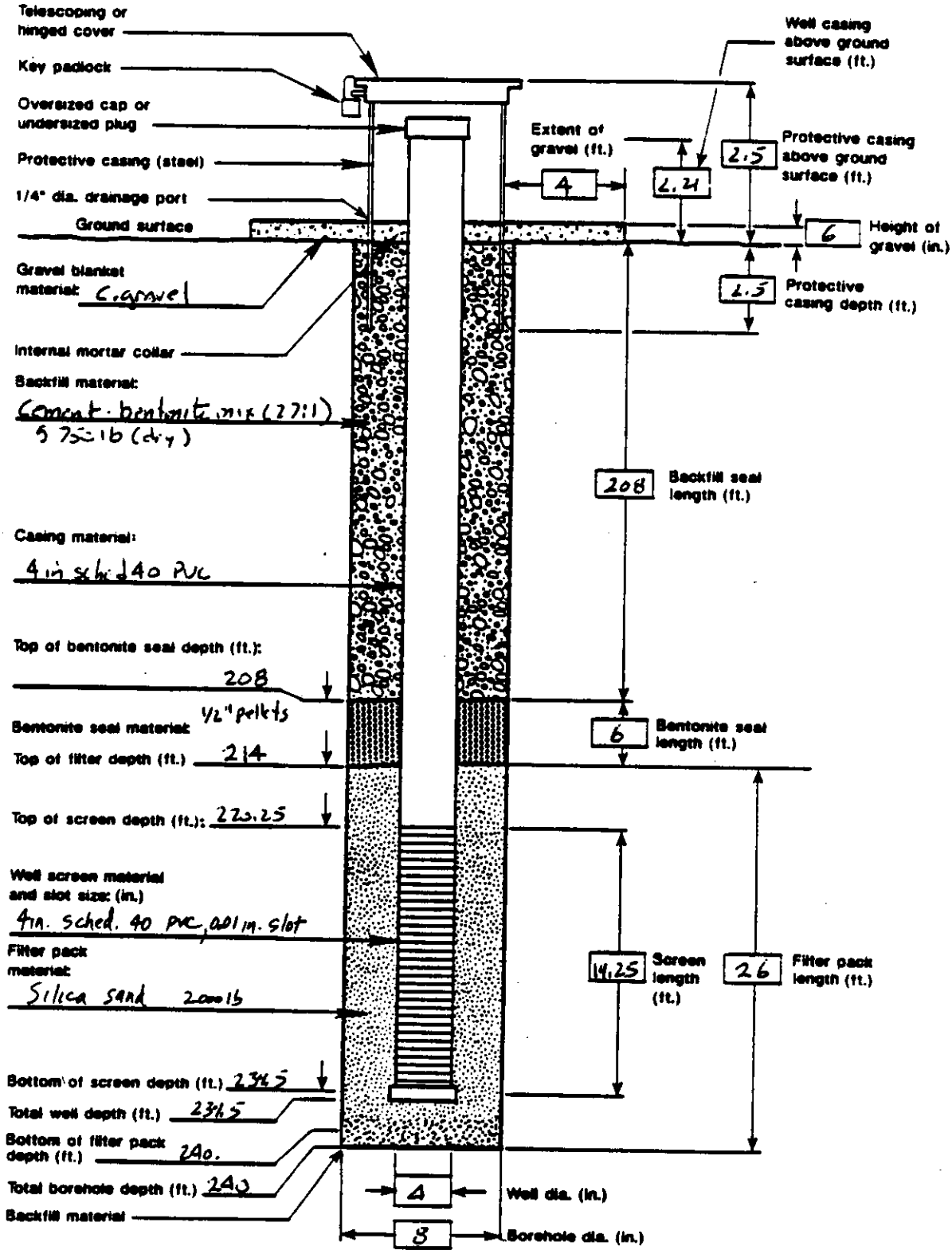
John McDonnell 2-1-89
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-117-88 INSTALLATION START DATE: 7-9-88

LOCATION: N Tead, landfill INSTALLATION COMPLETION DATE: 7-12-88

COMMENTS:



John McDonnell 2-1-89

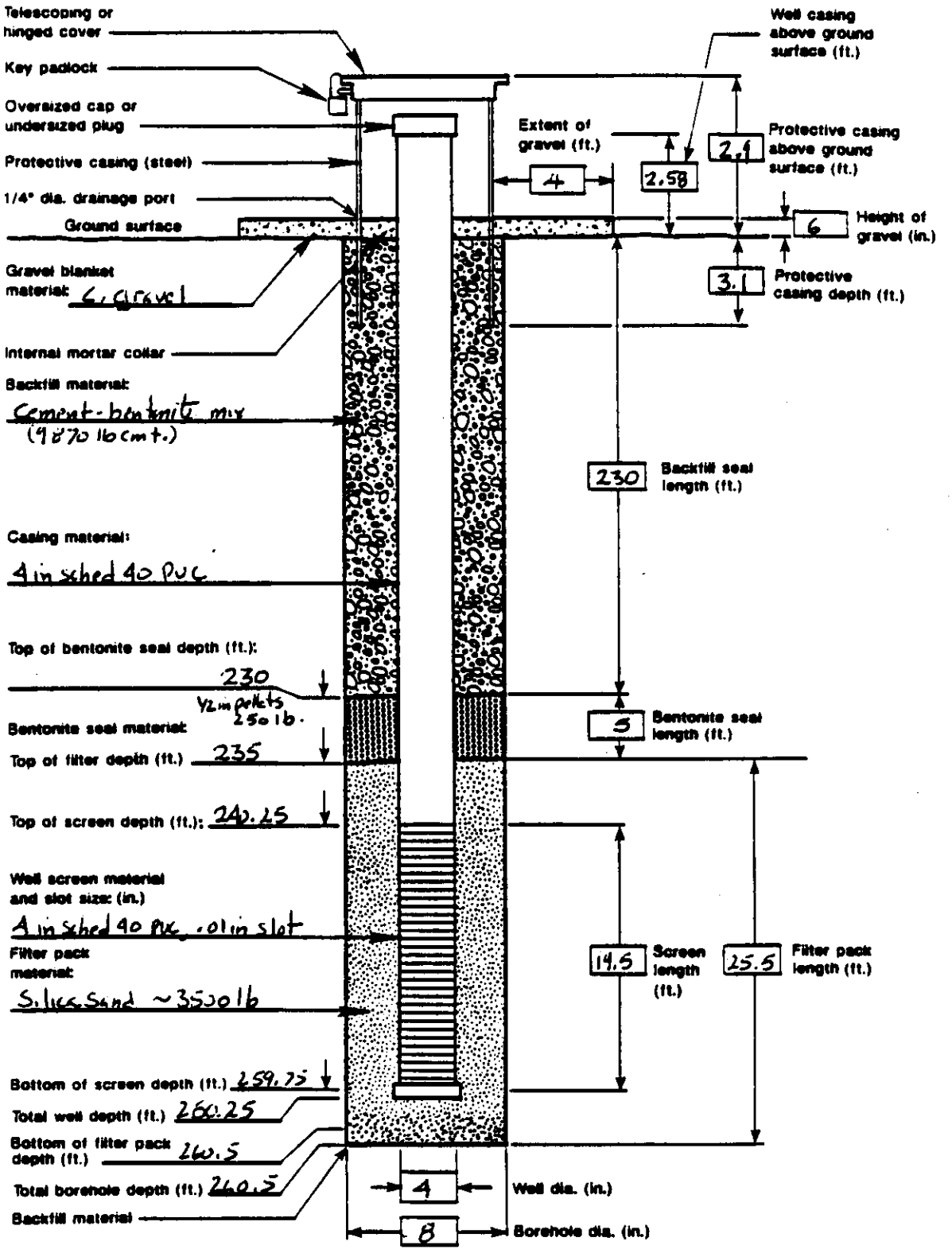
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-11B-88 INSTALLATION START DATE: 7-22-88

LOCATION: N-Feed, West of landfill INSTALLATION COMPLETION DATE: 7-24-88

COMMENTS:



[illegible] 2-1-89

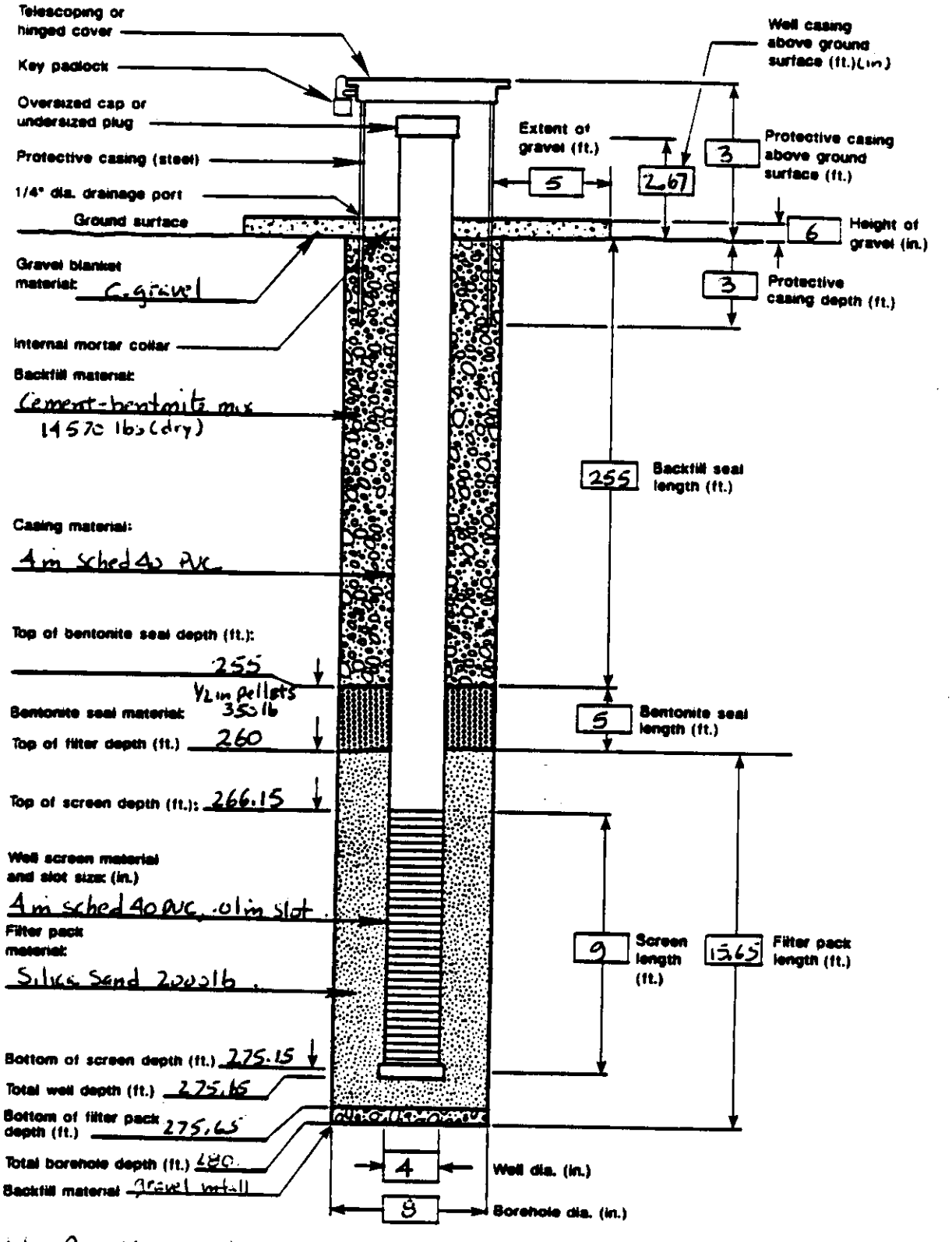
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-119-88 INSTALLATION START DATE: 7-24-88

LOCATION: N. tead, landfill INSTALLATION COMPLETION DATE: 7-27-88

COMMENTS:



[signature] 2-1-88

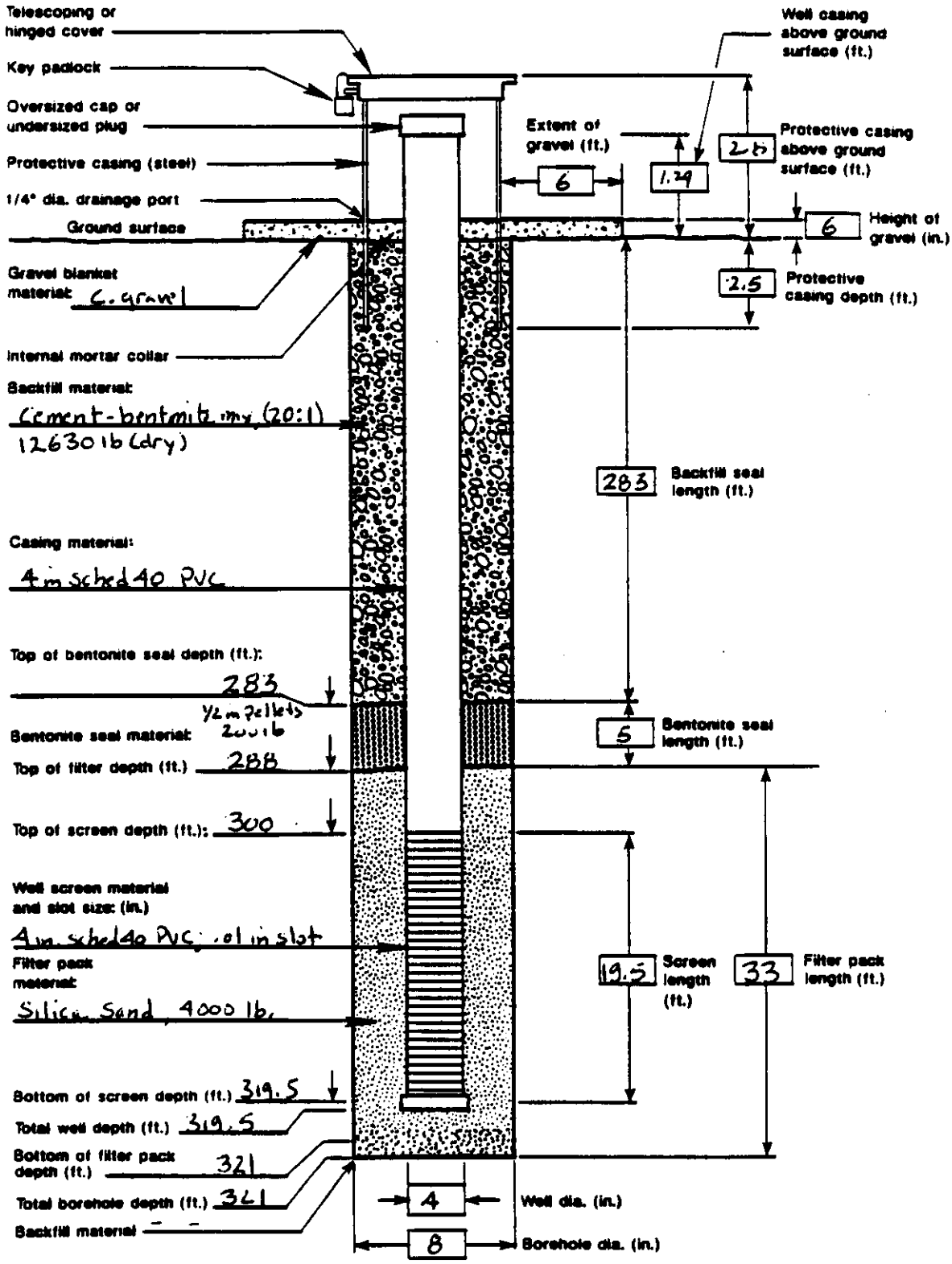
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-120-88 INSTALLATION START DATE: 8-1-88

LOCATION: N-feed landfill INSTALLATION COMPLETION DATE: 8-3-88

COMMENTS: Present stick-up: 1.29 ft. Change due to repair of top of well.



John McDonnell 2-1-89

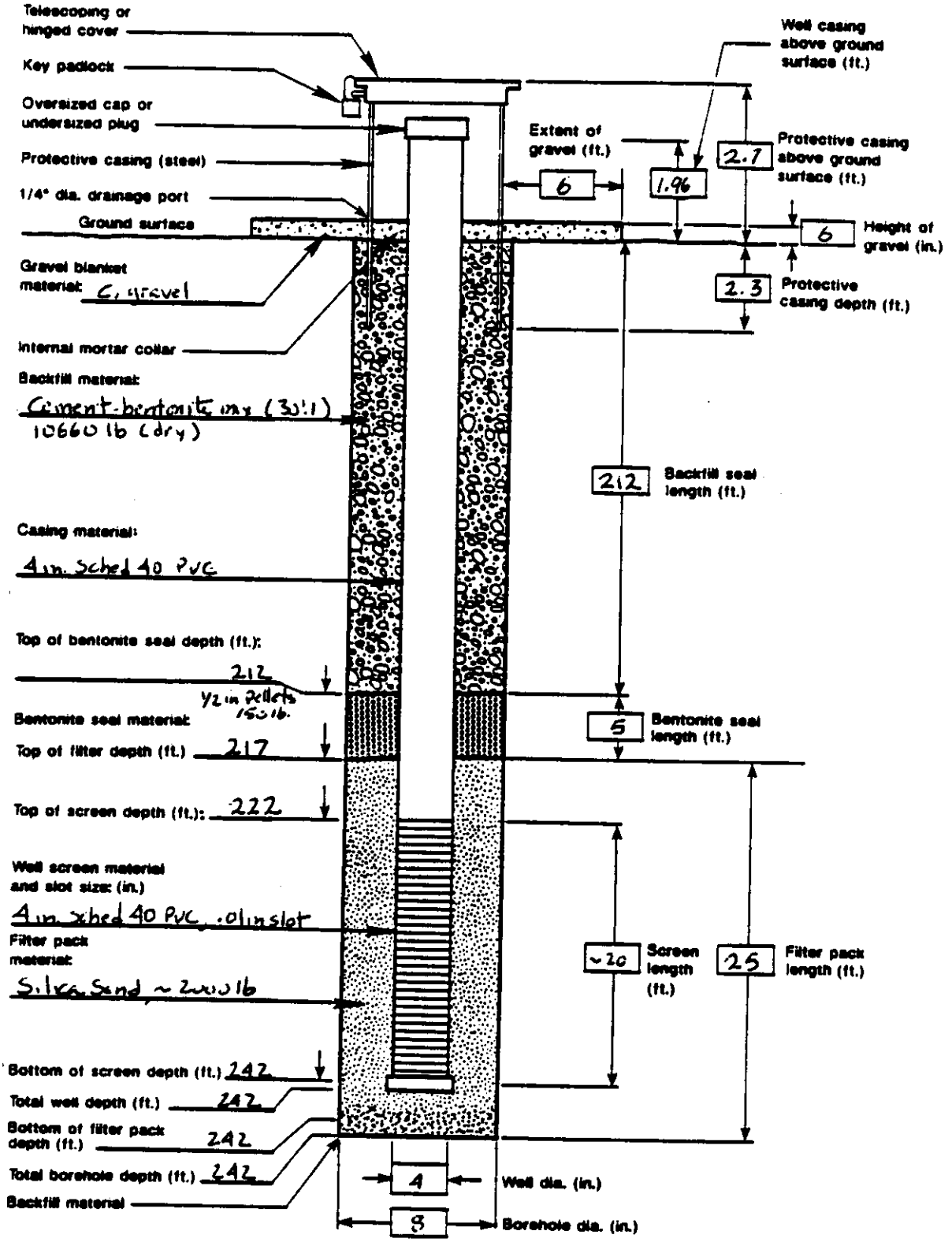
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-127-88 INSTALLATION START DATE: 10-17-88

LOCATION: N-TEAD N/ TNT washout INSTALLATION COMPLETION DATE: 10-19-88

COMMENTS:



John McDonnell 2-1-89

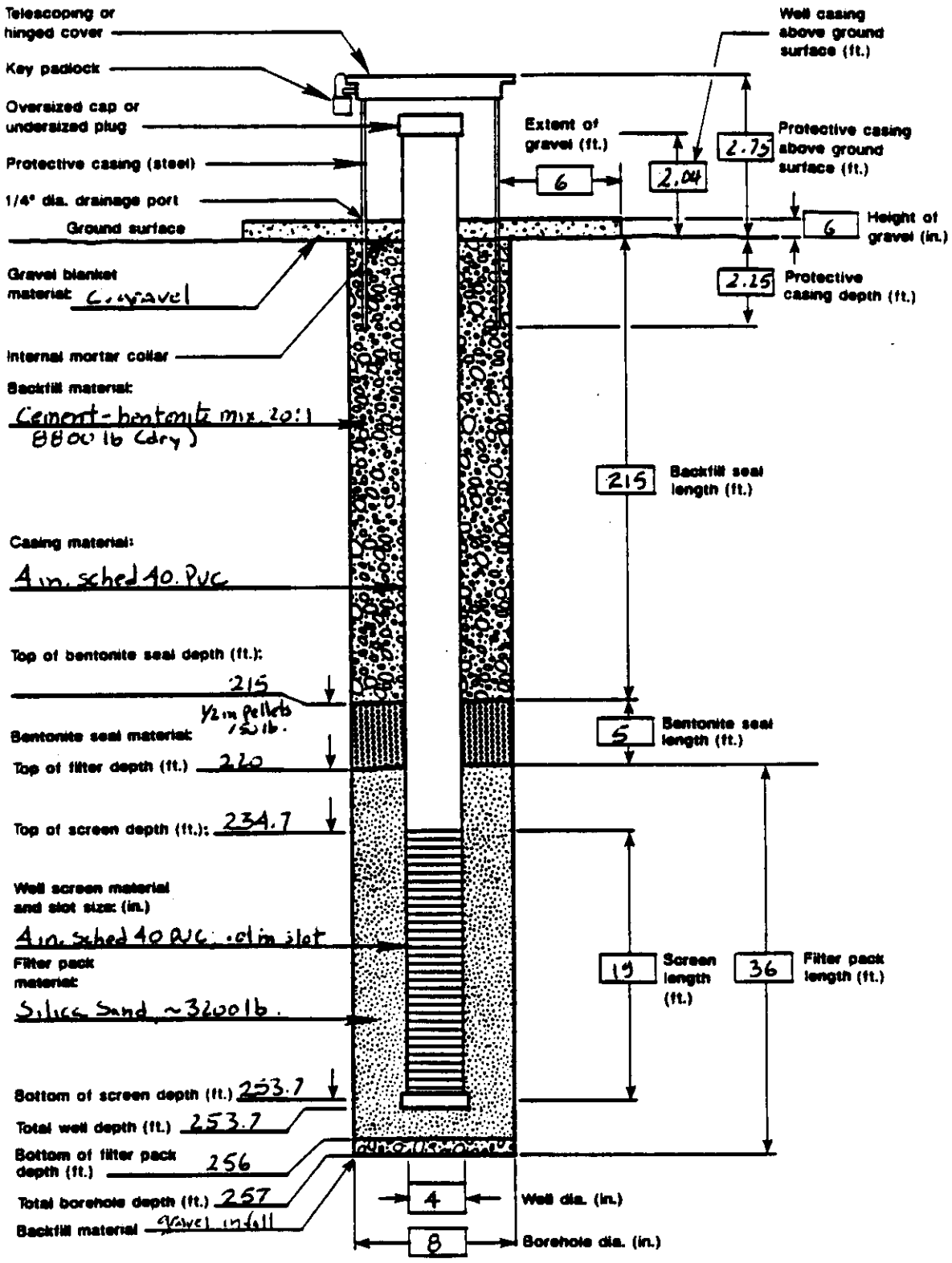
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-128-88 INSTALLATION START DATE: 10-14-88

LOCATION: N-Tract, N of TAT washout INSTALLATION COMPLETION DATE: 10-16-88

COMMENTS:



John McDonnell 2-1-89

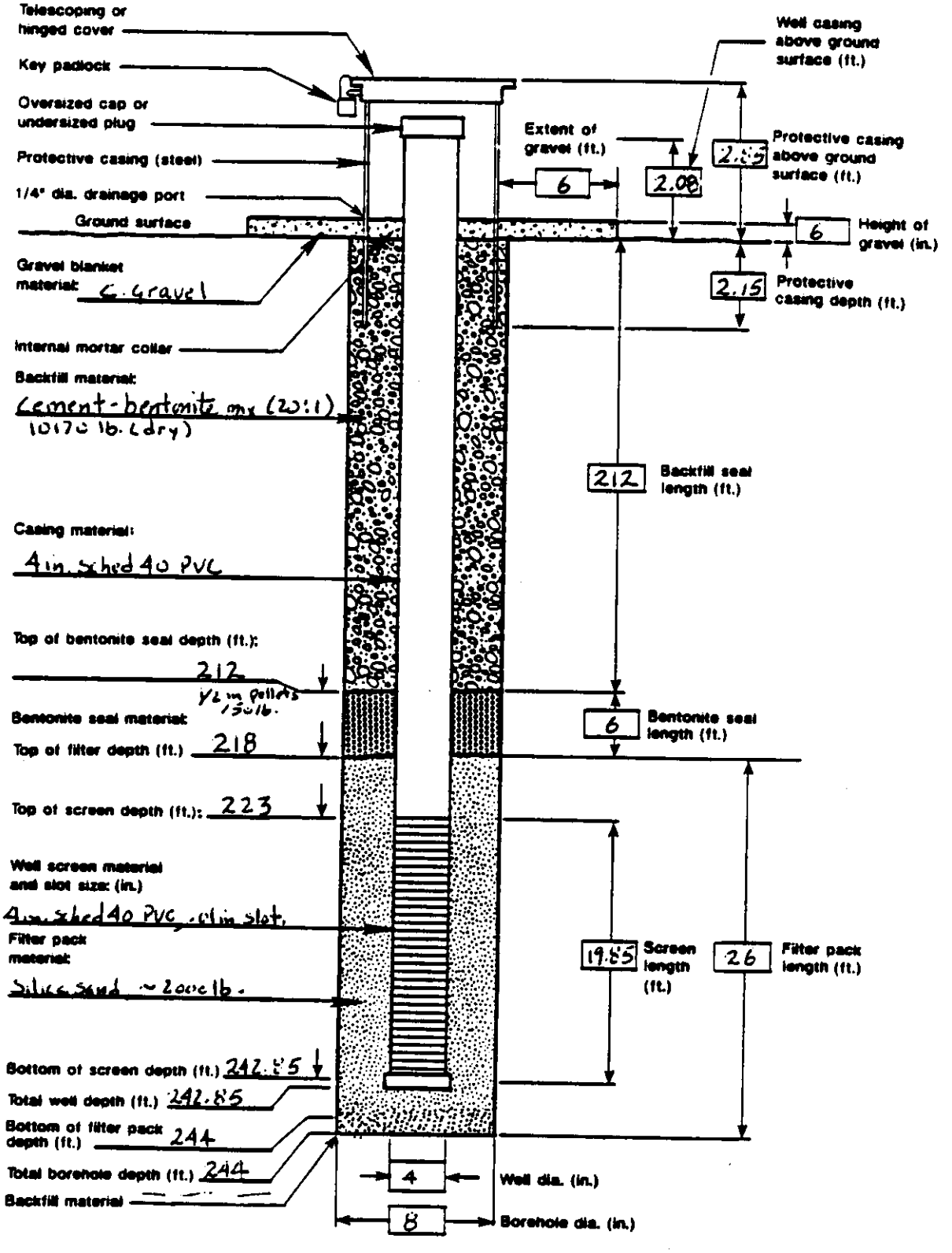
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-129-88 INSTALLATION START DATE: 10-20-88

LOCATION: N-TEAD N of TNT Washout INSTALLATION COMPLETION DATE: 10-25-88

COMMENTS:



John McDonnell 2-1-89

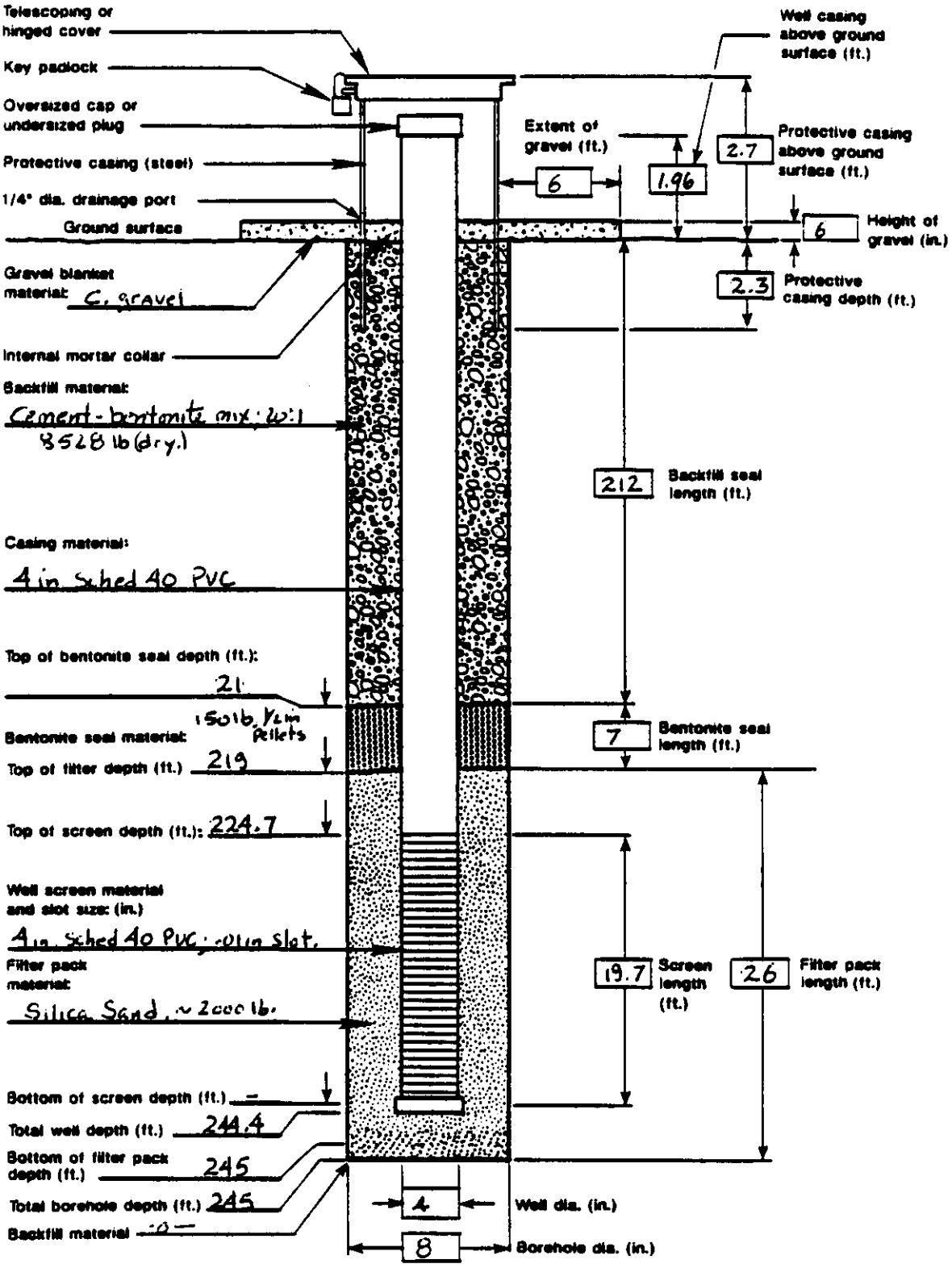
FORM COMPLETED BY/ DATE

Well Construction Information Form

WELL DESIGNATION: N-130-88 INSTALLATION START DATE: 10-27-88

LOCATION: N-TEAD N of TNT WASHOUT INSTALLATION COMPLETION DATE: 10-28-88

COMMENTS:



John McDonnell 2-1-89

FORM COMPLETED BY/ DATE

APPENDIX E

WELL DEVELOPMENT RECORDS

WELL DEVELOPMENT RECORD

FACILITY CODE	USATHAMA N-TEAD	LOG DATE	4-14-88
LOCATION ID	N-101-88	ACCEPTANCE CODE	
LOGGER CODE	RFW		

INSTALLATION DATE(S) 2-23-88

BOREHOLE TOTAL DEPTH (FT) 49.5 WELL TOTAL DEPTH [h_3] (FT) 47

BOTTOM OF FILTER PACK [h_2] (FT) _____ WELL CASING DIAMETER [d_2] (FT) .33

BOREHOLE DIAMETER [d_1] (FT) _____ SCREEN LENGTH (FT) 20

SCREENED INTERVAL (FT) 26.5 - 46.5

DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) dry

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ ____ [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ ____ [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ ____ [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] ____ GALS.

QUANTITY OF MUD/WATER -

LOST DURING DRILLING (GAL) N/A

REMOVED BEFORE WELL INSERTION (GAL) N/A

ADDED DURING GRANULAR FILTER PLACEMENT (GAL) N/A

ADDED DURING WELL DEVELOPMENT (GAL) 28

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER above ground homelite 2" trash pump.

TYPICAL PUMPING RATE (GAL/MIN) 8 gpm

ESTIMATED RECHARGE RATE (GAL/MIN) _____

DESCRIPTION OF DEVELOPMENT TECHNIQUE put in 28 gals - air surged with 34" h_2o using well casing as eductor pipe to clean out screen and remove fines - water added test to formation.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/89)

[signature] 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-101-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER (dry)

COLOR

ODOR

CLARITY

PARTICULATES

FINAL DEVELOPMENT WATER — none

COLOR

ODOR

CLARITY

PARTICULATES

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Powers well sounder

pH METER MODEL AND SERIAL NUMBER Cole Parmer #55244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs #15692

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER

COMMENTS — none pumped — water lost to formation

Monitor well completed into perched water zone. Perched water zone very small in relationship to screened interval of this well. Completion interval of this well has essentially acted as a conduit whereby the perching layer has been breached and the perched water is allowed to flow vertically along the completion interval and out into the formation and not into the well.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1478 (1/88)

7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-101-88

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
4/19/88	7:30	—	—						dry: added 28 gps
4/20/88	7:10	1.3							2.3' standing in well
									- no measurements, water
									in well was water poured
									down on 4/19/88

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

[signature] 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE USA THAMA N. TEAD **LOG DATE** _____
LOCATION ID N-106-88 **ACCEPTANCE CODE** _____
LOGGER CODE _____

INSTALLATION DATE(S) 2-27-88

BOREHOLE TOTAL DEPTH (FT) 44 WELL TOTAL DEPTH [h_3] (FT) 41

BOTTOM OF FILTER PACK [h_2] (FT) 44 WELL CASING DIAMETER [d_2] (FT) .33

BOREHOLE DIAMETER [d_1] (FT) 1.00 SCREEN LENGTH (FT) 20

SCREENED INTERVAL (FT) 20.5 - 40.5

DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) dry

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ ___ [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ ___ [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ ___ [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] ___ GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) N/A

REMOVED BEFORE WELL INSERTION (GAL) N/A

ADDED DURING GRANULAR FILTER PLACEMENT (GAL) N/A

ADDED DURING WELL DEVELOPMENT (GAL) 40 gal.

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER above ground electric 2" Trash pump.

TYPICAL PUMPING RATE (GAL/MIN) _____

ESTIMATED RECHARGE RATE (GAL/MIN) _____

DESCRIPTION OF DEVELOPMENT TECHNIQUE Added 40 gal. to fill screen interval air purged with 3/4" ID hole to force water into surrounding formation and to remove fines.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WOR147 (1/88)

[illegible] 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-106-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER — NONE

COLOR

ODOR

CLARITY

PARTICULATES

FINAL DEVELOPMENT WATER — NONE

COLOR

ODOR

CLARITY

PARTICULATES

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Power well Sounder

pH METER MODEL AND SERIAL NUMBER Colepaimer # 505244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellowspring #15692

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS — Monitor well completed into perched water zone. Perched water zone very small in relationship to screened interval of this well. Completion interval of this well has essentially acted as a conduit whereby the perching layer has been breached and the perched water is allowed to flow vertically along the completion interval and out into the formation and not into the well.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1478 (1/88)

7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-106-88

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
4/20/88				X	X	X			added 40 gals. air surged
									let stand.
4/21/88				X	X	X			well essentially dry, water
									added but to formation

COMPLETE BOLDED DATA FOR ENTRY IN TIME
WDR147C (9/88)

John M. Smith 7/3/88
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE USATHAMA- N-TEAD **LOG DATE** 8/9/81
LOCATION ID N-110-88 **ACCEPTANCE CODE**
LOGGER CODE RFW

INSTALLATION DATE(S) 8-5-89 & 8-6-88

BOREHOLE TOTAL DEPTH (FT) 318 WELL TOTAL DEPTH [h_3] (FT) 317.3

BOTTOM OF FILTER PACK [h_2] (FT) 318 WELL CASING DIAMETER [d_2] (FT) 0.33

BOREHOLE DIAMETER [d_1] (FT) 0.67 SCREEN LENGTH (FT) 39

SCREENED INTERVAL (FT) 278-317.3

DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 304

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 36.9 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 8.5 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 8.5 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 17 GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) N/A
REMOVED BEFORE WELL INSERTION (GAL) NA
ADDED DURING GRANULAR FILTER PLACEMENT (GAL) NA
ADDED DURING WELL DEVELOPMENT (GAL) NA

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER 3hp electric Submersible

TYPICAL PUMPING RATE (GAL/MIN) 2.5 gpm

ESTIMATED RECHARGE RATE (GAL/MIN) Slow est ~2 gpm

DESCRIPTION OF DEVELOPMENT TECHNIQUE Installed pump with gauge tied - established rate - pumped for allotted time - took measurements removed pump - cleaned

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

John M. Small 7/31/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-110-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR Brown

ODOR none

CLARITY murky

PARTICULATES Silty

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES ~ none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Power Well Sounder

pH METER MODEL AND SERIAL NUMBER Cole Parmer - 5-5244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs # 15692

TURBIDITY METER MODEL AND SERIAL NUMBER

OTHER

COMMENTS

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1479 (1/89)

7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-110-88

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
8/4/91	4:05p	5	.3	7.4	1800	25			
	4:31	50	2.9	7.2	1500	24			
	5:05	110	6.5	7.1	1450	24			
	5:41	170	10.	7.1	1450	21			—

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

[illegible] 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE USATHAMA N-TEAD
LOG DATE 5/29/88
LOCATION ID N-111-88
ACCEPTANCE CODE
LOGGER CODE

INSTALLATION DATE(S) 3/31/88-4/5/88
BOREHOLE TOTAL DEPTH (FT) 337.77
WELL TOTAL DEPTH [h_3] (FT) 332.57
BOTTOM OF FILTER PACK [h_2] (FT) 332.77
WELL CASING DIAMETER [d_2] (FT) .33
BOREHOLE DIAMETER [d_1] (FT) .67
SCREEN LENGTH (FT) 20.26
SCREENED INTERVAL (FT) 312 - 332.26
DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 313.6

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$

21.5 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$

15.3 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 1.85 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 17 GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) 25 gal
REMOVED BEFORE WELL INSERTION (GAL) ~400 gal
ADDED DURING GRANULAR FILTER PLACEMENT (GAL) N/A
ADDED DURING WELL DEVELOPMENT (GAL) N/A

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER 3 HP electric submersible
TYPICAL PUMPING RATE (GAL/MIN) 15 GPM
ESTIMATED RECHARGE RATE (GAL/MIN) non immediately
DESCRIPTION OF DEVELOPMENT TECHNIQUE installed pump with pump truck unit - established rate - pumped for allotted time, took measurements, removed pump -

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

7/3/87
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-111-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR Brown

ODOR –

CLARITY Cloudy

PARTICULATES Silt

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES thin silt on bottom sample jar

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Power well sounder

pH METER MODEL AND SERIAL NUMBER Cole Palmer 505244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs 15692

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS —

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147B (1/88)

7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-111-88

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
5/24/88	11:45			7.28	1400	17.5			
	—			7.10	1390	15.6			
	—			7.27	1400	16.1			
	—			7.32	1400	16.1			
									removed ~585 gals in
									~90 minutes

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

John M. Arnold 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATE

WELL DEVELOPMENT RECORD

FACILITY CODE USATHAMA N-TEAD **LOG DATE** 5-25-85
LOCATION ID N-112-88 **ACCEPTANCE CODE**
LOGGER CODE

INSTALLATION DATE(S) 4-23-88 thru 4-27-88
BOREHOLE TOTAL DEPTH (FT) 332 WELL TOTAL DEPTH [h_3] (FT) 330.2
BOTTOM OF FILTER PACK [h_2] (FT) 332 WELL CASING DIAMETER [d_2] (FT) 0.33
BOREHOLE DIAMETER [d_1] (FT) 0.67 SCREEN LENGTH (FT) 19.5
SCREENED INTERVAL (FT) 310.1 – 329.6
DEPTH–TO–WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 310.8

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 55.9 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 12.4 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 13.05 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 25.5 GALS.

QUANTITY OF MUD/WATER –
LOST DURING DRILLING (GAL) NA
REMOVED BEFORE WELL INSERTION (GAL) NA
ADDED DURING GRANULAR FILTER PLACEMENT (GAL) NA
ADDED DURING WELL DEVELOPMENT (GAL) NA
TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER 3HP Submersible
TYPICAL PUMPING RATE (GAL/MIN) 15 gpm
ESTIMATED RECHARGE RATE (GAL/MIN) almost immedate
DESCRIPTION OF DEVELOPMENT TECHNIQUE installed pump with pump truck winch - established rate - pumped for allotted time - took measurements removed pump

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

[signature] 7/3/88
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-112-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR Brown

ODOR Earthy

CLARITY Very Cloudy

PARTICULATES Very Silty

FINAL DEVELOPMENT WATER

COLOR Colorless

ODOR none

CLARITY clear

PARTICULATES minor silt - thin film at bottom of jar.

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Powers well sounder

pH METER MODEL AND SERIAL NUMBER Cole-Parmer 505244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs Mod 33

TURBIDITY METER MODEL AND SERIAL NUMBER -N/A-

OTHER —

COMMENTS well started clearing in 16 min. - clear at about 25 min -

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1478 (1/88)

John M Donald 7/3/87
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-112-89

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
5-25-85	8:25A			7.18	1300	16.8	—	—	
"				7.10	1320	15.1	—	—	
"				7.22	1330	15.4			
"	9:13A	720	28	7.13	1330	15.0			
									Removed - 577 gal
									in ~48 minutes

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

John McDonald 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE USATHAMA N-TEAD **LOG DATE** 7-7-88
LOCATION ID N-114-88 **ACCEPTANCE CODE**
LOGGER CODE

INSTALLATION DATE(S) 6-2-88 & 6-7-88
BOREHOLE TOTAL DEPTH (FT) 340 WELL TOTAL DEPTH [h_3] (FT) 334.6
BOTTOM OF FILTER PACK [h_2] (FT) 335.3 WELL CASING DIAMETER [d_2] (FT) .33
BOREHOLE DIAMETER [d_1] (FT) .67 SCREEN LENGTH (FT) 19.4
SCREENED INTERVAL (FT) 314.5 - 333.9
DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 308.9

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 69.6 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 16.4 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 15.9 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 32.3 GALS.

QUANTITY OF MUD/WATER –
LOST DURING DRILLING (GAL) N/A
REMOVED BEFORE WELL INSERTION (GAL) N/A
ADDED DURING GRANULAR FILTER PLACEMENT (GAL) N/A
ADDED DURING WELL DEVELOPMENT (GAL) N/A
TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER Electric Submersible
TYPICAL PUMPING RATE (GAL/MIN) 10 gpm
ESTIMATED RECHARGE RATE (GAL/MIN)
DESCRIPTION OF DEVELOPMENT TECHNIQUE installed pump with pump-truck winch; established rate - pumped for allotted time - took measurements removed pump.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

John McDonald 7/13/88
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-114-89

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR light brown

ODOR none

CLARITY cloudy

PARTICULATES silty

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Powers Well Sounder

pH METER MODEL AND SERIAL NUMBER Cole Parmer 505244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs Mod 33 15682

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1478 (1/89)

7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
7/7/88	9:30+	–	–	6.44	1250	27			
		100	3	6.86	1025	17.5			
		200	6	6.84	1000	17.5			
	10:00+	300	~9.3	6.95	1025	17.5			
									removed 30 ergs ~30 min.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

John McDonnell 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE USATHAMA N-TEAD
LOG DATE 7/7/88 - 7/11/88
LOCATION ID N-115-88
ACCEPTANCE CODE
LOGGER CODE RFW

INSTALLATION DATE(S) 6-14-88 & 6-21-88

BOREHOLE TOTAL DEPTH (FT) 298
WELL TOTAL DEPTH [h_3] (FT) 295.6
BOTTOM OF FILTER PACK [h_2] (FT) 295.6
WELL CASING DIAMETER [d_2] (FT) .33
BOREHOLE DIAMETER [d_1] (FT) .67
SCREEN LENGTH (FT) 19.45
SCREENED INTERVAL (FT) 275.5 - 294.95
DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 263.65

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$

84.2 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$

20.4 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 19 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 294 GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) Est. 21,000
REMOVED BEFORE WELL INSERTION (GAL) – N/A –
ADDED DURING GRANULAR FILTER PLACEMENT (GAL) – N/A –
ADDED DURING WELL DEVELOPMENT (GAL) N/A –

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER Electric Submersible
TYPICAL PUMPING RATE (GAL/MIN) 8 gpm
ESTIMATED RECHARGE RATE (GAL/MIN) Good
DESCRIPTION OF DEVELOPMENT TECHNIQUE Lowered pump into well with pump truck once - established rate - pumped for allotted time - took measurements - removed pump: Blew out hole with air below to surge & initiate flow

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

[signature] 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

U-15-08

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER	7/7/88	7/11/88
COLOR	brown	Light brown
ODOR	none	none
CLARITY	cloudy	cloudy
PARTICULATES	silt	silt

FINAL DEVELOPMENT WATER	7/11/88
COLOR	none
ODOR	none
CLARITY	clear
PARTICULATES	none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Power well Sounder

pH METER MODEL AND SERIAL NUMBER Cole-Parmer 505244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Spring 15641

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147B (1/88)

John M. Donell 7/13/87
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL						
7/7/88	-	-	-	11.52	380	25			blowing with air.
		60	2	10.00	1400	23			
		70	2.38	8.3	1500	23			—
7/11/88	-	—							with electric submersible
		120	4	7.00	1400	22			
		320	10.9	6.99	1450	22			
		420	14.3	7.02	1400	22	—		—

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

John M. Donell 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATE

WELL DEVELOPMENT RECORD

FACILITY CODE USATHAMA N-TEAD LOG DATE 7-12-88
LOCATION ID N-116-88 ACCEPTANCE CODE
LOGGER CODE RFW

INSTALLATION DATE(S) 7-5-88 thru 7-8-88
BOREHOLE TOTAL DEPTH (FT) 288 WELL TOTAL DEPTH [h_3] (FT) 286
BOTTOM OF FILTER PACK [h_2] (FT) 288 WELL CASING DIAMETER [d_2] (FT) .33
BOREHOLE DIAMETER [d_1] (FT) .67 SCREEN LENGTH (FT) 19.25
SCREENED INTERVAL (FT) 265.25 - 284.5
DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 267.9

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48 \left(\frac{gal}{ft^3}\right)$$ 47.2 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48 \left(\frac{gal}{ft^3}\right)$$ 11.6 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 10.8 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 22.4 GALS.

QUANTITY OF MUD/WATER -

LOST DURING DRILLING (GAL) N/A
REMOVED BEFORE WELL INSERTION (GAL) N/A
ADDED DURING GRANULAR FILTER PLACEMENT (GAL) N/A
ADDED DURING WELL DEVELOPMENT (GAL) N/A

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER electric submersible
TYPICAL PUMPING RATE (GAL/MIN) 8
ESTIMATED RECHARGE RATE (GAL/MIN) - very good
DESCRIPTION OF DEVELOPMENT TECHNIQUE lowered pump - pumped out water for one hr - 360 gal - cleaned up well.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

[signature] 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-116-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR dark brown

ODOR none

CLARITY cloudy

PARTICULATES Sand & Silt.

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Powers well Sounder

pH METER MODEL AND SERIAL NUMBER Cole-Parmer 505-294

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs 15642

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS — Cleaned up nice.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1478 (1/89)

John McDonald 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-116-88

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
7-12-88	9:34	—		7.03	1800	28			
		120	—	6.99	1400	21			
		240	—	7.25	1400	20			
	10:30	360	16	7.25	1400	20			—

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

[signature] 7/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE	USATHAMA N-TEAD	LOG DATE	8-4-88
LOCATION ID	N-117-88	ACCEPTANCE CODE	
LOGGER CODE	RFW		

INSTALLATION DATE(S) 7-8-88 thru 7-12-88

BOREHOLE TOTAL DEPTH (FT) 240 WELL TOTAL DEPTH [h_3] (FT) 239.5

BOTTOM OF FILTER PACK [h_2] (FT) 240 WELL CASING DIAMETER [d_2] (FT) .33

BOREHOLE DIAMETER [d_1] (FT) .67 SCREEN LENGTH (FT) 19.25

SCREENED INTERVAL (FT) 220.25 - 239.5

DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 212.3

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 59.86 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 14.2 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 13.7 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 27.9 GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) N/A

REMOVED BEFORE WELL INSERTION (GAL) N/A

ADDED DURING GRANULAR FILTER PLACEMENT (GAL) N/A

ADDED DURING WELL DEVELOPMENT (GAL) N/A

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER 3 HP. electric Submersible

TYPICAL PUMPING RATE (GAL/MIN) 20

ESTIMATED RECHARGE RATE (GAL/MIN) ~immediate

DESCRIPTION OF DEVELOPMENT TECHNIQUE Installed pump - lowered with pump truck - timed discharge for rate - pumped for allotted time or took measurements

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

[signature] 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-117-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR Brown

ODOR —

CLARITY Cloudy

PARTICULATES Silty

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES min, fine, Silty

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Powers Well Sounder

pH METER MODEL AND SERIAL NUMBER Cole Parmer 505244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs 15692

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS Cleared up in ~10 min.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147B (1/89)

[signature] 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
8/4/88	3:00p			7.62	1340	16.3			
				7.02	—	16.4			
				7.10	1360	16.3			
				7.01	1300	16.2			
	422	440	16						– removed 440 gal
									≅ 16 bore vols.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

John M. McDonald 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE	USATHAMA N-TEAD	LOG DATE	8-3-88
LOCATION ID	U-118-88	ACCEPTANCE CODE	
LOGGER CODE	RFW		

INSTALLATION DATE(S) 7-22-88 thru 7-29-88

BOREHOLE TOTAL DEPTH (FT) 260.5 WELL TOTAL DEPTH [h_3] (FT) 260.25

BOTTOM OF FILTER PACK [h_2] (FT) 260.5 WELL CASING DIAMETER [d_2] (FT) .33

BOREHOLE DIAMETER [d_1] (FT) .67 SCREEN LENGTH (FT) 19.5

SCREENED INTERVAL (FT) 240.25 - 251.75

DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 226.35

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 40 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 21.7 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 20.5 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 42.2 GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) N/A

REMOVED BEFORE WELL INSERTION (GAL) N/A

ADDED DURING GRANULAR FILTER PLACEMENT (GAL) N/A

ADDED DURING WELL DEVELOPMENT (GAL) N/A

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER 3 hp. electric submersible

TYPICAL PUMPING RATE (GAL/MIN) 20

ESTIMATED RECHARGE RATE (GAL/MIN) – Very fast –

DESCRIPTION OF DEVELOPMENT TECHNIQUE lowered pump with pump truck wmd - verified discharge rate - pumped for alloted time and took measurements

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

John M. Donald 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR Brown

ODOR –

CLARITY –cloudy

PARTICULATES –Silt

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES ~none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Power well Sounder

pH METER MODEL AND SERIAL NUMBER Cole-Parmer 5.5244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs 15692

TURBIDITY METER MODEL AND SERIAL NUMBER –

OTHER –

COMMENTS Water cleared in about 8 minutes

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1478 (1/88)

John M. Smith 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
8/3/89	11:10			7.17	1750	17.6			
	-	-		7.30	1740	17.0			
	-	-		6.81	1740	16.5			
	-	—		6.72	1700	16.5			
	-	—							Pumped total of 500 gals
									in 20 minutes
									= 11.8 bore vols.

COMPLETE BOLDED DATA FOR ENTRY IN TMS
WDR147C (9/88)

John M. Smith 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE	USATHAMA - N-TEXO	LOG DATE	8/5/88
LOCATION ID	N-119-88	ACCEPTANCE CODE	
LOGGER CODE	RFW		

INSTALLATION DATE(S) 7/24/88 - 7/27/88

BOREHOLE TOTAL DEPTH (FT) 280 WELL TOTAL DEPTH [h_3] (FT) 275.63

BOTTOM OF FILTER PACK [h_2] (FT) 275.63 WELL CASING DIAMETER [d_2] (FT) .33

BOREHOLE DIAMETER [d_1] (FT) .67 SCREEN LENGTH (FT) 2

SCREENED INTERVAL (FT) 266.15 - 275.15

DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 253.1

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 46.3 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 11.2 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 10.5 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 21.7 GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) N/A

REMOVED BEFORE WELL INSERTION (GAL) N/A

ADDED DURING GRANULAR FILTER PLACEMENT (GAL) N/A

ADDED DURING WELL DEVELOPMENT (GAL) N/A

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER 3hp electric submersible

TYPICAL PUMPING RATE (GAL/MIN) 20

ESTIMATED RECHARGE RATE (GAL/MIN) ~ immediate

DESCRIPTION OF DEVELOPMENT TECHNIQUE lowered pump with pump truck wind - established pumping rate - pumped for allotted time and took measurements

COMPLETE BOLDED DATA FOR ENTRY IN TMS
WDR147 (1/88)

[illegible] 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATE

N-119-08

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR Brown

ODOR –

CLARITY cloudy

PARTICULATES silt

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Power well Sounder

pH METER MODEL AND SERIAL NUMBER Cole-Parmer 505244

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs - 15642

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER

COMMENTS Water cleared up in ~10 min.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1479 (1/99)

2/3/09
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-119-8Y

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
8/5/88	7:00			7.17	1450	17			
	–	–	–	7.07	1340	15			
	–	–	–	7.06	1330	15			
	–	–		7.02	1310	14.5			
									pumped 360 gal in ~18 min
									= 16 bore vols

COMPLETE BOLDED DATA FOR ENTRY IN TMS
WDR147C (9/88)

John McDonald 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE	USATHAMA N-TEAD	LOG DATE	
LOCATION ID	N-127-88	ACCEPTANCE CODE	
LOGGER CODE			

INSTALLATION DATE(S) 10/12/88 - 10/14/88

BOREHOLE TOTAL DEPTH (FT) 242 WELL TOTAL DEPTH [h_3] (FT) 242

BOTTOM OF FILTER PACK [h_2] (FT) 242 WELL CASING DIAMETER [d_2] (FT) .03

BOREHOLE DIAMETER [d_1] (FT) " SCREEN LENGTH (FT) ~20'

SCREENED INTERVAL (FT) 222 - -242

DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 222.85

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 50.5 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48\left(\frac{gal}{ft^3}\right)$$ 12.2 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 11.5 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 23.7 GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) NA

REMOVED BEFORE WELL INSERTION (GAL) NA

ADDED DURING GRANULAR FILTER PLACEMENT (GAL) NA

ADDED DURING WELL DEVELOPMENT (GAL) NA

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER Grundfos 1.5HP electric Submersible

TYPICAL PUMPING RATE (GAL/MIN) 10

ESTIMATED RECHARGE RATE (GAL/MIN) ~immediate

DESCRIPTION OF DEVELOPMENT TECHNIQUE installed pump with pump truck which established rate, pumped for allotted time - took measurements - removed pump - pumped slowly to avoid too much drawdown

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

John McDonald 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-127-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR brown

ODOR clayey

CLARITY cloudy

PARTICULATES —

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES ~ none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Power well Sounder

pH METER MODEL AND SERIAL NUMBER Cole Parmer 423380

CONDUCTIVITY MODEL AND METER SERIAL NUMBER yellow Springs 15692

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147B (1/89)

John M Donnell 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-127-88

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
10/31/88	9:50	—		7.86	2900	16			
	+10m	100	4.2	7.34	2750	16.5			
	+18m	180	7.6	7.32	2900	16°			Semi-clear
	+22m	220	9.3	7.32	2720	16.5			~clear
	+27	270	11.4						Simple taken
									removed 270 gals in 27 min

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

FORM COMPLETED BY/DATE 2/3/89

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE NSATHAMA N-TEAD LOG DATE 10/31/88
LOCATION ID N-128-88 ACCEPTANCE CODE
LOGGER CODE RFW

INSTALLATION DATE(S) 10/14/88 - 10/16/88
BOREHOLE TOTAL DEPTH (FT) 257 WELL TOTAL DEPTH [h_3] (FT) 253.7
BOTTOM OF FILTER PACK [h_2] (FT) 256 WELL CASING DIAMETER [d_2] (FT) .33
BOREHOLE DIAMETER [d_1] (FT) .67 SCREEN LENGTH (FT) ~19
SCREENED INTERVAL (FT) 234.7 - 253.7
DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 222.5

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48 \left(\frac{gal}{ft^3}\right)$$ 88.3 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48 \left(\frac{gal}{ft^3}\right)$$ 19.96 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 20.5 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 40.5 GALS.

QUANTITY OF MUD/WATER -

LOST DURING DRILLING (GAL) NA
REMOVED BEFORE WELL INSERTION (GAL) NA
ADDED DURING GRANULAR FILTER PLACEMENT (GAL) NA
ADDED DURING WELL DEVELOPMENT (GAL) NA

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER Grundfos 1.5hp electric submersible
TYPICAL PUMPING RATE (GAL/MIN) 12 gpm
ESTIMATED RECHARGE RATE (GAL/MIN) ~ immediate
DESCRIPTION OF DEVELOPMENT TECHNIQUE lowered pump with pump truck winch. established rate - pumped for alloted time - took measurement, removed pump

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

[signature] 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-128-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR reddish brown

ODOR dirt

CLARITY v. cloudy

PARTICULATES fine sand & silt

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES ~none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER Powers well Sounder

pH METER MODEL AND SERIAL NUMBER Cole-Palmer 423380

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs 15692

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147B (1/88)

[signature] 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-128-88

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
10/31/88	2:18			—	1650	19.5			
	+10	120	~3	7.25	1610	16.8			
	+16	192	4.7	7.18	1710	17.			
	+20	240	~6	6.85	1710	16.8			
	+24	288	7.1						Sample - removed 288 gals in 24 minutes

COMPLETE BOLDED DATA FOR ENTRY IN TIME
WDR147C (9/88)

[signature] 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE	USATHAMA N-TEAD	LOG DATE	11-1-88
LOCATION ID	N-129-88	ACCEPTANCE CODE	
LOGGER CODE	RFW		

INSTALLATION DATE(S) 10/20/88 – 10/25/88

BOREHOLE TOTAL DEPTH (FT) 244 WELL TOTAL DEPTH [h_3] (FT) 242.85

BOTTOM OF FILTER PACK [h_2] (FT) 244 WELL CASING DIAMETER [d_2] (FT) .33

BOREHOLE DIAMETER [d_1] (FT) .67 SCREEN LENGTH (FT) 19.85

SCREENED INTERVAL (FT) 223 – 242.85

DEPTH–TO–WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 223.8

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48 \left(\frac{gal}{ft^3}\right)$$ 53.27 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48 \left(\frac{gal}{ft^3}\right)$$ 12.19 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 12.32 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 24.5 GALS.

QUANTITY OF MUD/WATER –

LOST DURING DRILLING (GAL) NA

REMOVED BEFORE WELL INSERTION (GAL) NA

ADDED DURING GRANULAR FILTER PLACEMENT (GAL) NA

ADDED DURING WELL DEVELOPMENT (GAL) NA

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER Grundfos 1.5 HP electric submersible

TYPICAL PUMPING RATE (GAL/MIN) 15 gpm

ESTIMATED RECHARGE RATE (GAL/MIN) ~immediate

DESCRIPTION OF DEVELOPMENT TECHNIQUE installed pump with pump truck winch established rate – pumped for alloted time – took measurements removed pump.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/89)

[signature] 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-129-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR Brown

ODOR "Sly Sandy"

CLARITY V. cloudy

PARTICULATES Sand-Silt

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES ~none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER power well sounder

pH METER MODEL AND SERIAL NUMBER Cole palmer #423360

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs 15642

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1478 (1/88)

2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

W-129-88

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
11/1/88	8:42			9.24	3090	18			
	+6	90	3.7	7.20	1900	16			
	+11	165	6.7	7.14	1880	16			
	+20	300	12.3	7.15	1880	16			
	+24	360	14.7						Sample: removed 360 sgl
									Note high initial pH &
									conductivity - calibrations
									verified.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147C (9/88)

John McDonald 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

WELL DEVELOPMENT RECORD

FACILITY CODE USATHAMA N-TEAD LOG DATE 11-1-88
LOCATION ID N-130-88 ACCEPTANCE CODE
LOGGER CODE RFW

INSTALLATION DATE(S) 10/27/88 - 10/28/88
BOREHOLE TOTAL DEPTH (FT) 245 WELL TOTAL DEPTH [h_3] (FT) 244.4
BOTTOM OF FILTER PACK [h_2] (FT) 245 WELL CASING DIAMETER [d_2] (FT) .33
BOREHOLE DIAMETER [d_1] (FT) .67 SCREEN LENGTH (FT) 19.7
SCREENED INTERVAL (FT) 224.7 - 244.4
DEPTH-TO-WATER [h_1] BEFORE WELL DEVELOPMENT (FT) 224.5

BOREHOLE VOLUME [V_1] CALCULATION (in gals)

$$\frac{d_1^2\, 3.1415}{4}\left(h_2 - h_1\right) \times 7.48 \left(\frac{gal}{ft^3}\right)$$ 54.06 [V_1] gals per 1 bore volume

WELL CASING VOLUME [V_2] CALCULATION (in gals)

$$\frac{d_2^2\, 3.1415}{4}\left(h_3 - h_1\right) \times 7.48 \left(\frac{gal}{ft^3}\right)$$ 12.7 [V_2] gals per 1 well volume

ASSUME THE FILTER PACK IN THE ANNULUS BETWEEN THE BOREHOLE AND WELL CASING TO HAVE A POROSITY OF 30%. THEREFORE:

$V_1 - V_2 * 0.30 =$ 12.4 [V_3] GALS IN THE FILTER PACK BETWEEN THE BOREHOLE AND WELL CASING. IN SUMMARY, 1 FILTER PACK AND WELL CASING VOLUME EQUALS [$V_2 + V_3$] 25.1 GALS.

QUANTITY OF MUD/WATER -

LOST DURING DRILLING (GAL) NA
REMOVED BEFORE WELL INSERTION (GAL) NA
ADDED DURING GRANULAR FILTER PLACEMENT (GAL) NA
ADDED DURING WELL DEVELOPMENT (GAL) NA

TYPE AND SIZE CAPACITY OF PUMP AND/OR BAILER Grundfos 1.5HP electric Submersible
TYPICAL PUMPING RATE (GAL/MIN) 10 gpm
ESTIMATED RECHARGE RATE (GAL/MIN) ~ immediate
DESCRIPTION OF DEVELOPMENT TECHNIQUE installed pump with pump truck winch. established rate - pumped for alloted time - took measurement - removed pump.

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR147 (1/88)

[signature] 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-130-88

WELL DEVELOPMENT RECORD

INITIAL DEVELOPMENT WATER

COLOR reddish brown

ODOR —

CLARITY cloudy

PARTICULATES silty

FINAL DEVELOPMENT WATER

COLOR none

ODOR none

CLARITY clear

PARTICULATES ~ none

INSTRUMENT DESCRIPTIONS

WATER LEVEL INDICATOR MODEL NUMBER power well sounder

pH METER MODEL AND SERIAL NUMBER Cole Parmer #423380

CONDUCTIVITY MODEL AND METER SERIAL NUMBER Yellow Springs 15692

TURBIDITY METER MODEL AND SERIAL NUMBER —

OTHER —

COMMENTS

COMPLETE BOLDED DATA FOR ENTRY IN TIMS
WDR1478 (1/89)

John M Yandell 2/5/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

N-130-8

WELL DEVELOPMENT RECORD
PARAMETER MEASUREMENTS

DATE	TIME	TOTAL VOL. WITHDRAWN		pH	Ec (µmhos/cm)	TEMP (°C)	TURB. (NTU)	IM CONE (ml of sed.)	COMMENTS
		GALS	BORE VOL.						
4/1/88	11:48			7.65	—	21			
	+6	40	1.6	7.48	1800	16.8			
	+10	100	4	7.41	1780	16.3			
	+14	140	5.6	7.39	1790	16.0			
	+19	190	7.6	—					Sample

COMPLETE BOLDED DATA FOR ENTRY IN TIME
WDR147C (9/86)

John McDonald 2/3/89
FORM COMPLETED BY/DATE

TECHNICAL REVIEWER/DATA

APPENDIX F

GROUNDWATER SAMPLE COLLECTION FORMS

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: INT WASHOUT
Purge Date: 11-20-88
Purge Time: 1105
Sample Date: —
Sample Time: —

Sample Point I.D.: N-103-88
*Casing Vol. (gals.): 0.65
Vol. Purged (gals.): —
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 37.27'
GW Elevation:

Total Well Depth: 37.80'
Stick-Up: 2.04'
Sample Temp. (°C):

Weather Conditions: (1st PURGE) MOSTLY CLOUDY, ~35°F, WINDS ~5 MPH N
Sample Appearance: NO SAMPLE OBTAINED.
Sampler Comments: *WELL VOLUME PLUS SANDPACK. PURGED WELL DRY, ~750 ml.
INITIAL PURGE WATER APPEARANCE: TAN, CLOUDY, NO ODOR

Unable To Obtain Sample (X): X Reason: WELL RECHARGED LESS THAN 1 INCH IN 24 HRS.
Sample Composited (X): ____ Procedure/Proportions:

	1105			
pH	7.89			
Sp. Cond. (umhos)	2670			
	11.7°C			

INITIAL READING (1st PURGE)

~~Lab~~ FGLO Comments: WELL CASING VOLUME: 0.33 gal

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL # ____

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT WASHOUT
Purge Date: 11-22-88
Purge Time: 1530
Sample Date: 11-22-88
Sample Time: 1630

Sample Point I.D.: N-110-88
*Casing Vol. (gals.): 16.25
Vol. Purged (gals.): 85
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 304.33'
GW Elevation:

Total Well Depth: 317.30'
Stick-Up: 2.25'
Sample Temp. (°C): 16.5°

Weather Conditions: SUNNY, ~45°F, WINDS ~5-10 MPH S
Sample Appearance: COLORLESS, SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: * WELL VOLUME PLUS SANDPACK. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: TAN, CLOUDY, NO ODOR. REFERENCE MEASUREMENT TAKEN FROM DOWNGRADE.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1530	1544	1558	1612
pH	7.50	7.37	7.42	~~7.52~~ 7.52 (D 11-22-88)
Sp. Cond. (umhos)	1680	1750	1690	1670
	15.2°C	16.4°C	16.2°C	16.5°C
	INITIAL READING (~7 GAL)	2ND (~28 GAL)	3RD (~56 GAL)	FINAL

FIELD ~~Lab~~ Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE IS CLEAR, NO ODOR.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

N-TEAD

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

Facility Name: DRUM STORAGE
Purge Date: 11-6-88
Purge Time: 1437
Sample Date: 11-6-88
Sample Time: 1542

Sample Point I.D.: N-111-88
*Casing Vol. (gals.): 23.52
Vol. Purged (gals.): 125
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 318.50'
GW Elevation:

•Total Well Depth: 337.57'
Stick-Up: 1.67'
Sample Temp. (°C): 14.0

Weather Conditions: MOSTLY SUNNY, ~55°F, WINDS ~3-5 MPH N
Sample Appearance: TAN, CLOUDY, NO ODOR
Sampler Comments: *WELL CASING PLUS SAMPLER. • REFERENCE MEASUREMENT TAKEN FROM DRILLERS LOG. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: ORANGE TAN, TURBID, NO ODOR.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1438	1444	1452	
pH	6.97	7.21	7.18	7.28
Sp. Cond. (umhos)	1750	1810	1810	1790
	15.1°C	14.5°C	14.3°C	
	INITIAL READING (~40 GAL)	2ND (~100 GAL)	3RD (~180 GAL)	FINAL

FIELD ~~Lab~~ Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP WAS CLEAR, NO ODOR.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: DRUM STORAGE
Purge Date: 11-7-88
Purge Time: 1119
Sample Date: 11-7-88
Sample Time: 1215

Sample Point I.D.: N-112-88
*Casing Vol. (gals.): 20.8
Vol. Purged (gals.): 110
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 315.75'
GW Elevation:

*Total Well Depth: 332.00
Stick-Up: 1.88
Sample Temp. (°C): 14.0

Weather Conditions: SUNNY, ~45°F, WINDS ~5-10 MPH S
Sample Appearance: BROWN, TURBID, NO ODOR.
Sampler Comments: * WELL VOLUME PLUS SANDPACK. ° REFERENCE MEASUREMENT TAKEN FROM DRILLERS LOG. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: DARK BROWN, TURBID, NO ODOR.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1119	1126	1133	
pH	7.48	7.69	7.82	7.86
Sp. Cond. (umhos)	1980	1810	1700	1680
	13.3°C	13.7°C	14.0°C	
	INITIAL PEAKING (~3 GAL)	2ND (~36 GAL)	3RD (~70 GAL)	FINAL

~~Lab~~ FIELD Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP WAS LIGHT GRAY, SLIGHTLY CLOUDY, NO ODOR.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: DRUM STORAGE
Purge Date: 11-7-88
Purge Time: 1423
Sample Date: 11-7-88
Sample Time: 1515

Sample Point I.D.: N-114-88
*Casing Vol. (gals.): 21.6
Vol. Purged (gals.): 110
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 312.50'
GW Elevation:

Total Well Depth: 334.60'
Stick-Up: 1.88
Sample Temp. (°C): 15.1

Weather Conditions: SUNNY, ~50°F, WINDS ~5-10mph S
Sample Appearance: LIGHT TAN, SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: * WELL VOLUME PLUS SANDPACK. REFERENCE MEASUREMENT TAKEN FROM DRILLERS LOG. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: TAN, CLOUDY, NO ODOR

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1423	1431	1438	
pH	7.74	7.50	7.47	7.66
Sp. Cond. (umhos)	1360	~~1380~~ 1380	1370	1380
	15.1°C	15.0°C	15.0°C	15.1
	INITIAL PEDDING (~3 GAL)	2ND (37 GAL)	3RD (73 GAL)	FINAL

~~Lab~~ FIELD Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP WAS COLORLESS, SLIGHTLY CLOUDY, NO ODOR

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: SANITARY LANDFILL
Purge Date: 11-15-88
Purge Time: 1048
Sample Date: 11-15-88
Sample Time: 1137

Sample Point I.D.: N-115-88
*Casing Vol. (gals.): 24.86
Vol. Purged (gals.): 130
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 269.37'
GW Elevation:

*Total Well Depth: 295.60'
Stick-Up: 2.08'
Sample Temp. (°C): 14.3

Weather Conditions: SUNNY, ~40°F, WINDS S-SE ~2-3 MPH
Sample Appearance: COLORLESS, VERY SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: * WELL VOLUME PLUS SANDPACK. REFERENCE MEASUREMENT TAKEN FROM DRILLERS LOG. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: TAN, CLOUDY, NO ODOR

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1048	1055	1102	
pH	6.99	7.23	7.39	7.56
Sp. Cond. (umhos)	1790	1640	1650	~~1650~~ 50 11-15-88 1650
	12.4°C	14.0°C	14.3°C	
	INITIAL READING (3 GAL)	2ND (43 GAL)	3RD (84 GAL)	FINAL

~~Lab~~ FIELD Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP: CLEAR, NO ODOR

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: Sanitary Landfill
Purge Date: 11-15-88
Purge Time: 1339
Sample Date: 11-15-88
Sample Time: 1456

Sample Point I.D.: N-116-88
*Casing Vol. (gals.): 18.62
Vol. Purged (gals.): 100
Sample Method: 3" PVC Bailer

Elevation:
Water Level: 273.04'
GW Elevation:

• Total Well Depth: 286.00'
Stick-Up: 1.92'
Sample Temp. (°C): 13.6

Weather Conditions: Sunny, ~40°F, Winds Light And Variable
Sample Appearance: Tan, Cloudy, No Odor
Sampler Comments: * Well Volume Plus Sandpack. • Reference Measurement Taken From Drillers Log. Used Submersible Pump To Purge Well. Initial Purge Water Appearance: Brown, Turbid, No Odor.

Unable To Obtain Sample (X): ____ Reason: ____
Sample Composited (X): ____ Procedure/Proportions: ____

	1339	1346	1353	
pH	7.57	7.31	7.56	7.57
Sp. Cond. (umhos)	1750	1690	1650	1640
	13.5°C	13.2°C	13.7°C	
	Initial Reading (~3 gal)	2nd (~3 gal)	3rd (~6 gal)	Final

~~Lab~~ Field Comments: End of Purge Water Appearance From Submersible Pump: Light Tan, Cloudy, No Odor.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) James A. O'Malley Signature: James A. O'Malley

GCL # ____

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: SANITARY LANDFILL
Purge Date: 11-22-88
Purge Time: 0900
Sample Date: 11-22-88
Sample Time: 0948

Sample Point I.D.: N-117-88
*Casing Vol. (gals.): 22.05
Vol. Purged (gals.): 120
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 222.25'
GW Elevation:

*Total Well Depth: 240.00'
Stick-Up: 2.21'
Sample Temp. (°C): 14.3

Weather Conditions: PARTLY CLOUDY, ~40°F, WINDS ~5-10 MPH SE
Sample Appearance: LIGHT TAN TINT, SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: *WELL VOLUME PLUS SANDPACK. *REFERENCE MEASUREMENT TAKEN FROM DAVIDSON LAB. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: TAN, CLOUDY, NO ODOR.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	0900	0910	0920	
pH	6.89	7.61	7.65	7.57
Sp. Cond. (umhos)	1790 / 12.9°C	1780 / 12.9°C	1810 / 13.8°C	1750
	INITIAL READING (~2 GAL)	2:40 (~39 GAL)	3:00 (~75 GAL)	FINAL

~~Lab~~ FIELD Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP IS CLEAR, NO ODOR.

SAMPLED WELL WITH STAINLESS STEEL GRUNDFOS PUMP STUCK IN WELL. PUT SUBMERSIBLE PUMP ~2-3FT ABOVE GRUNDFOS.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: Sanitary Landfill
Purge Date: 11-8-88
Purge Time: 1155
Sample Date: 11-8-88
Sample Time: 1300

Sample Point I.D.: N-118-88
*Casing Vol. (gals.): 37.24
Vol. Purged (gals.): 255
Sample Method: 3" PVC Bailer

Elevation:
Water Level: 230.87'
GW Elevation:

Total Well Depth: 260.25'
Stick-Up: 2.58'
Sample Temp. (°C): 14.9°

Weather Conditions: Sunny, ~55°F, Winds ~2-3mph N
Sample Appearance: Colorless, Very Slightly Cloudy, No Odor
Sampler Comments: *Well Volume Plus Sandpack. °Reference Measurement Taken From Drillers Log. Used Submersible Pump To Purge Well. Initial Purge Water Appearance: Brown, Turbid, No Odor

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1155	1208	1222	
pH	7.48	7.40	7.31	7.40
Sp. Cond. (umhos)	2130	2160	2190	2220
	14.8°C	14.7°C	14.4°C	14.9°C
	Initial Reading (~3gal)	2nd (~79gal)	3rd (~161gal)	Final

Field ~~Lab~~ Comments: End of Purge Water Appearance From Submersible Pump Was: Clear, No Odor.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) James A. O'Malley Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: ~~INT WAREHOUSE~~ SANITARY LANDFILL

Sample Point I.D.: N-119-88

Purge Date: 11-22-88

*Casing Vol. (gals.): 6.24

Purge Time: 1050

Vol. Purged (gals.): 35

Sample Date: 11-22-88

Sample Method: 3" NC BAILER

Sample Time: 1122

Elevation:

Total Well Depth: 275.65'

Water Level: 270.71'

Stick-Up: 2.67'

GW Elevation:

Sample Temp. (°C): 14.3

Weather Conditions: MOSTLY CLOUDY, ~46°F, WINDS ~5-10MPH S

Sample Appearance: TAN, CLOUDY, NO ODOR

Sampler Comments: * WELL VOLUME VIA SAMPLING. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: BROWN, CLOUDY, NO ODOR.

Unable To Obtain Sample (X): ____ Reason:

Sample Composited (X): ____ Procedure/Proportions:

	1050	1054	1059	
pH	7.70	7.52	7.54	7.58
Sp. Cond. (umhos)	1710	1700	1710	1720
	12.4°C	13.4°C	14.2°C	
	INITIAL REMOVAL (~7GAL)	2ND (~11GAL)	3RD (~23GAL)	FINAL

Field ~~Lab~~ Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP IS CLEAR, NO ODOR

I certify that sampling procedures were in accordance with EPA and corporate protocols.

Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL # ____

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: SANITARY LANDFILL
Purge Date: 11-22-88
Purge Time: 1225
Sample Date: 11-22-88
Sample Time: 1358

Sample Point I.D.: N-120-88
*Casing Vol. (gals.): 29.9
Vol. Purged (gals.): 160
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 296.42'
GW Elevation:

Total Well Depth: 320.00'
Stick-Up: 1.29'
Sample Temp. (°C): 14.3

Weather Conditions: SUNNY, ~45°F, WINDS ~ 5-10MPH S
Sample Appearance: COLORLESS, VERY SLIGHTLY CLOUDY, NO ODOR.
Sampler Comments: * WELL VOLUME PLUS SANDPACK. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: TAN, CLOUDY, NO ODOR. WATER IN ANNULAR SPACE.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1225	1246	1307	
pH	7.84	7.84	7.69	7.79
Sp. Cond. (umhos)	1430 / 13.7°C	1450 / 14.3°C	1460 / 14.3°C	1480
	INITIAL READING (~3GA)	2ND (~5GA)	3RD (~10 5GA)	FINAL

~~Lab~~ FIELD Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP IS CLEAR, NO ODOR.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT WALNUT
Purge Date: 11-21-00
Purge Time: 0847
Sample Date: 11-21-00
Sample Time: 0932

Sample Point I.D.: N-127-BB
*Casing Vol. (gals.): 22.46
Vol. Purged (gals.): 120
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 226.83'
GW Elevation:

Total Well Depth: 244.83'
Stick-Up: 1.96'
Sample Temp. (°C): 15.0°

Weather Conditions: SUNNY, ~30°F, WINDS ~5-10 MPH S
Sample Appearance: CLOUDLESS, CLOUDY, NO ODOR
Sampler Comments: * WELL VOLUME PER SPREADSHEET. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: CLOUDLESS, CLOUDY, NO ODOR

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	0847	0857	0907	
pH	6.99	7.43	7.48	7.46
Sp. Cond. (umhos)	2000 13.5°C	2740 14.6°C	2840 14.9°C	~~2880~~ 2810
	INITIAL READING (~20 GAL)	2nd (~40 GAL)	3rd (80 GAL)	FINAL

~~Lab~~ Field Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP: CLEAR, NO ODOR

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. D'MALLEY Signature: James A. D'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT WASHOUT
Purge Date: 11-21-88
Purge Time: 1016
Sample Date: 11-21-88
Sample Time: 1123

Sample Point I.D.: N-128-88
* Casing Vol. (gals.): 38.54
Vol. Purged (gals.): 200
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 226.46'
GW Elevation:

Total Well Depth: 257.08'
Stick-Up: 2.04'
Sample Temp. (°C): 15.5°

Weather Conditions: SUNNY, ~30°F, WINDS ~5-10MPH S
Sample Appearance: COLORLESS, SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: * WELL VOLUME PLUS SANDPACK. USED SUBMERSIBLE PUMP TO PURGE. INITIAL PURGE WATER APPEARANCE: SLIGHTLY TAN, CLOUDY, NO ODOR.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1016	1033	1050	
pH	7.74	7.50	7.56	7.58
Sp. Cond. (umhos)	1930 14.5°C	1950 15.3°C	1920 15.7°C	1910
	INITIAL READING (~2 GAL)	2ND (~67 GAL)	3RD (~135 GAL)	FINAL

~~Lab~~ FIELD Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP: CLEAR, NO ODOR.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT Washout
Purge Date: 11-21-88
Purge Time: 1429
Sample Date: 11-21-88
Sample Time: 1578

Sample Point I.D.: N-129-88
* Casing Vol. (gals.): 23.66
Vol. Purged (gals.): 125
Sample Method: 3" PVC Bailer

Elevation:
Water Level: 228.08'
GW Elevation:

Total Well Depth: 246.85'
Stick-Up: 2.08'
Sample Temp. (°C): 15.6°

Weather Conditions: Sunny, ~35°F, Winds ~5-10mph S
Sample Appearance: Slight Tan Tint, Cloudy, No Odor.
Sampler Comments: * Not Volume Plus Sandpack. Used Submersible Pump To Purge Well. Initial Purge Water Appearance: Tan, Cloudy, No Odor.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1429	1439	1449	
pH	10.60	7.94	7.72	7.79
Sp. Cond. (umhos)	3440 15.3°C	2310 15.6°C	2320 15.6°C	2340
	Initial Reading (1/4 gal)	2nd (40 gal)	3rd (80 gal)	Final

Field ~~Lab~~ Comments: End of Purge Water Appearance From Submersible Pump Is Clear, No Odor.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) James H. O'Malley Signature: James H. O'Malley

GCL # ____

N-TEAD

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

Facility Name: TNT WASHOUT
Purge Date: 11-21-88
Purge Time: 1546
Sample Date: 11-21-88
Sample Time: 1633

Sample Point I.D.: N-130-88
*Casing Vol. (gals.): 24.86
Vol. Purged (gals.): 130
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 228.83'
GW Elevation:

Total Well Depth: 248.00'
Stick-Up: 1.96'
Sample Temp. (°C): 16.0°

Weather Conditions: MOSTLY SUNNY, ~35°F, WINDS ~5-10MPH S
Sample Appearance: COLORLESS, SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: * WELL VOLUME PLUS SANDPACK. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: TAN, CLOUDY, NO ODOR.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1546	1557	1608	
pH	7.14	7.37	7.69	7.60
Sp. Cond. (umhos)	1880 14.9°C	2010 15.4°C	1970 15.8°C	2020
	INITIAL READING (~2GAL)	2ND (~14GAL)	3RD (~88GAL)	FINAL

~~Lab~~ FIELD Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP IS CLEAR, NO ODOR.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT WASHOUT
Purge Date: 6-2-88
Purge Time: 0939
Sample Date: 6-2-88
Sample Time: 1310

Sample Point I.D.: N-3A
*Casing Vol. (gals.): 83.30
Vol. Purged (gals.): 420
Sample Method: 3" SUBMERSIBLE PUMP

Elevation:
Water Level: 246.33'
GW Elevation:

• Total Well Depth: 337.00'
Stick-Up: 2.10'
Sample Temp. (°C): 18.2

Weather Conditions: SUNNY, ~65°F, WINDS ~5-10 MPH S
Sample Appearance: CLEAR, NO ODOR
Sampler Comments: * WELL VOLUME PLUS SAMPLES. • TOTAL DEPTH TAKEN FROM DRILLING LOG. USED SUBMERSIBLE PUMP TO PURGE AND SAMPLE. INITIAL PURGE WATER APPEARANCE: CLEAR, SLIGHT CLOUDY, NO ODOR

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	0942	1052	1201	1310
pH	7.23	7.33	7.24	7.35
Sp. Cond. (umhos)	3730	3840	3820	3820
	16.4°C	18.4°C	18.2°C	18.2°C
	INITIAL PURGE (~5gal)	2ND (~110 GAL)	3RD (~200 GAL)	FINAL (~420 GAL)

Lab Comments:

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL # ____

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: INT WASHOUT
Purge Date: 11-21-88
Purge Time: 1920
Sample Date: 11-21-88
Sample Time: 2240

Sample Point I.D.: N-3A
*Casing Vol. (gals.): 111.66
Vol. Purged (gals.): 560
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 247.33'
GW Elevation:

Total Well Depth: 337.00
Stick-Up: 2.29
Sample Temp. (°C): 15.6°

Weather Conditions: PARTLY CLOUDY, ~30°F, WINDS ~10-20 MPH S (NIGHT)
Sample Appearance: CLEAR, NO ODOR
Sampler Comments: * WELL VOLUME PER SAMPLE. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: CLEAR, NO ODOR. REFERENCE MEASUREMENT TAKEN FROM DRILLERS LOG.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1920	2020	2120	
pH	6.71	6.86	6.97	6.92
Sp. Cond. (umhos)	3610 14.8°C	3820 15.8°C	3830 15.6°C	3690
	INITIAL READING (WELL)	2ND (1/2 GAL)	3RD (2.25 GAL)	FINAL

FIELD ~~Lab~~ Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMPED CLEAR, NO ODOR.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES R. O'MALLEY Signature: James R. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT WASHOUT
Purge Date: 11-18-88
Purge Time: 1552
Sample Date: 11-20-88
Sample Time: 1215

Sample Point I.D.: N-3F
*Casing Vol. (gals.): 5.04
Vol. Purged (gals.): 4.0
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 73.96'
GW Elevation:

Total Well Depth: 77.00'
Stick-Up: 1.58'
Sample Temp. (°C): 13.3°

Weather Conditions: (1st Purge) MOSTLY CLOUDY, ~35°F, WINDS ~5mph N
Sample Appearance: CLEAR, NO ODOR
Sampler Comments: *WELL VOLUME PLUS SANDPACK. INITIAL PURGE WATER APPEARANCE: COLORLESS, SLIGHTLY CLOUDY, NO ODOR. WELL PURGED DRY AT 1555, ~2.5 GAL. PURGED. RETURNED TO PURGE DRY 11-19-88 AT 1513 (4 GAL TOTAL)

Unable To Obtain Sample (X): Reason:
Sample Composited (X): Procedure/Proportions:

	1552	1513		
pH	7.34	7.87	7.98	
Sp. Cond. (umhos)	10700 11.7°C	10900 13.1°C	10800	

INITIAL READING (1st BAILER) 2ND (1st BAILER ~3 GAL) FINAL

~~Lab~~ FIELD Comments: WELL CASING VOLUME: 1.98 GALLONS

SAMPLE WEATHER: SUNNY, ~25°F, WINDS ~10-15mph S

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT WASHOUT
Purge Date: 6-1-88
Purge Time: 1555
Sample Date: 6-1-88
Sample Time: 1745

Sample Point I.D.: N-3H
*Casing Vol. (gals.): 45.17
Vol. Purged (gals.): ~225
Sample Method: 3" SUBMERSIBLE PUMP

Elevation:
Water Level: 236.52'
GW Elevation:

Total Well Depth: 262.17'
Stick-Up: 2.33'
Sample Temp. (°C): 16.9

Weather Conditions: CLOUDY, ~50°F, WINDS ~20-25MPH SW
Sample Appearance: COLORLESS, CLEAR, NO ODOR
Sampler Comments: *WELL CASING PLUS SANDPACK. USED SUBMERSIBLE PUMP TO SAMPLE AND PURGE. SAMPLED FOR EXPLOSIVES ONLY. INITIAL PURGE WATER APPEARANCE: GRAY, CLOUDY, NO ODOR

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1604	1635	1710	1745
pH	7.44	7.44	7.33	7.36
Sp. Cond. (umhos)	2240 16.7°C	2460 16.4°C	2490 17.7°C	2510
	INITIAL READING (~70 GAL)	2ND (~80 GAL)	3RD (~150 GAL)	FINAL

Lab Comments:

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT WASHOUT
Purge Date: 11-21-88
Purge Time: 2319
Sample Date: 11-22-88
Sample Time: 0036

Sample Point I.D.: N-3H
*Casing Vol. (gals.): 31.0
Vol. Purged (gals.): 160
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 238.79'
GW Elevation:

Total Well Depth: 263.00'
Stick-Up: 2.42'
Sample Temp. (°C): 15.9

Weather Conditions: PARTLY CLOUDY, ~30°F, WINDS ~10-20 MPH S
Sample Appearance: COLORLESS, SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: *WELL VOLUME RUN SNAPPER. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: COLORLESS, SLIGHTLY CLOUDY, NO ODOR.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	2319	2337	2355	
pH	7.06	7.13	7.27	7.19
Sp. Cond. (umhos)	2010 14.3°C	2210 15.5°C	2290 15.1°C	2350
	INITIAL READING (~2GAL)	2ND (~5GAL)	3RD (~10GAL)	FINAL

~~Lab~~ FIELD Comments: END OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP IS CLEAR, NO ODOR

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: INT WASHOUT
Purge Date: 11-18-88
Purge Time: 1515
Sample Date: 11-20-88
Sample Time: 1136

Sample Point I.D.: N-3I
*Casing Vol. (gals.): 7.51
Vol. Purged (gals.): 7.0
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 43.25'
GW Elevation:

Total Well Depth: 49.08'
Stick-Up: 1.17'
Sample Temp. (°C): 12.2°

Weather Conditions: (1st Round) MOSTLY CLOUDY, ~35°F, WINDS ~5 MPH N
Sample Appearance: CLOUDY, SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: * WELL VOLUME PLUS SAMPLE. INITIAL PURGE WATER APPEARANCE: LIGHT TAN, CLOUDY, NO ODOR. WELL PURGE DRY AT 1520, 4 GALLONS PURGED. RETURNED TO PURGE DRY 11-19-88 AT 1457 (~7 GAL TOTAL)

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	1515	1457 (11-19-88) ~~1557 (11-19)~~		
pH	7.44	7.35	7.57	
Sp. Cond. (umhos)	~~32~~ 3720 12.1°C	3910 12.9°C	3890 12.2°C	
	INITIAL READING (1st BAILER)	2ND (1ST BAILER + 1 GAL)	FINAL	

Field Lab Comments: WELL CASING VOLUME: 3.81 GALLONS

SAMPLE WEATHER: SUNNY, ~25°F, WINDS S ~10-15 MPH

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: DRUM STORAGE
Purge Date: #
Purge Time:
Sample Date: 11-8-88
Sample Time: 0910

Sample Point I.D.: 01FB
Casing Vol. (gals.): —
Vol. Purged (gals.): —
Sample Method: POUR

Elevation:
Water Level: —
GW Elevation:

Total Well Depth: —
Stick-Up:
Sample Temp. (°C): 12.5

Weather Conditions: CLOUDY, ~50°F, WINDS LIGHT N
Sample Appearance: CLEAR, NO ODOR
Sampler Comments: FIELD BLANK POURED NEAR T-7. SAMPLE POURED THROUGH BAILER AND FILTER APPARATUS. WATER FROM PUMP HOUSE IN N-TEAD.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

pH	7.47			
Sp. Cond. (umhos)	1540			

Lab Comments:

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL # ____

N-TEAD

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

Facility Name: SANITARY LANDFILL
Sample Point I.D.: 02FB
Purge Date: —
Casing Vol. (gals.): —
Purge Time: —
Vol. Purged (gals.): —
Sample Date: 11-22-88
Sample Method: POUR
Sample Time: 1250

Elevation:
Total Well Depth: —
Water Level: —
Stick-Up:
GW Elevation:
Sample Temp. (°C): 9.9

Weather Conditions: SUNNY, ~45°F, WINDS ~5-10 mph S
Sample Appearance: CLEAR, NO ODOR, A WHITE FIBROUS MATERIAL FLOATING
Sampler Comments: POURED FIELD BLANK H2O THROUGH BAILER AND FILTER APPARATUS NEAR WELL N-120-88. ~~THE PUMP HOUSE~~ TO

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

pH 7.81
Sp. Cond. (umhos) 1980

~~Lab~~ Field Comments: THE PUMP HOUSE, WHERE WE GET THE DEION WATER (ALSO FIELD BLANK H2O), WAS TURNED OFF WHEN WE ARRIVED TO GET DEION WATER — FIELD BLANK WATER. THEY TURNED IT ON SHORTLY AFTER WE ARRIVED.

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAD

Facility Name: TNT - WASHOUT
Purge Date: —
Purge Time: —
Sample Date: 11-20-88
Sample Time: 1200

Sample Point I.D.: 03FB
Casing Vol. (gals.): —
Vol. Purged (gals.): —
Sample Method: Pour

Elevation:
Water Level: —
GW Elevation:

Total Well Depth: —
Stick-Up:
Sample Temp. (°C): 9.0°

Weather Conditions: Sunny, ~75°F, Winds ~10-15mph S
Sample Appearance: Clear, No Odor
Sampler Comments: Poured Sample Through Bailer And Filter Allowing Near Well N-3F.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

pH	7.40			
Sp. Cond. (umhos)	1580			

Lab Comments:

I certify that sampling procedures were in accordance with EPA and corporate protocols.

Sampler Name: (print) JAMES H. O'HALLEY Signature: James H. O'Halley

GCL #

GULF COAST LABORATORIES, INC.
FIELD SURVEY FORM

N-TEAM

Facility Name: DRUM STORAGE
Purge Date: 11-8-88
Purge Time: 0847
Sample Date: 11-8-88
Sample Time: 1000

Sample Point I.D.: T-7
*Casing Vol. (gals.): 48.42
Vol. Purged (gals.): 255
Sample Method: 3" PVC BAILER

Elevation:
Water Level: 309.67'
GW Elevation:

Total Well Depth: 348.00'
Stick-Up: 1.17'
Sample Temp. (° C): 14.0

Weather Conditions: MOSTLY SUNNY, ~ 50°F, WINDS LIGHT, N
Sample Appearance: LIGHT TAN, SLIGHTLY CLOUDY, NO ODOR
Sampler Comments: * NOT VOLUME PLUS SAMPBACK. *REFERENCE MEASUREMENT TAKEN FROM DRILLERS LOG. USED SUBMERSIBLE PUMP TO PURGE WELL. INITIAL PURGE WATER APPEARANCE: BROWN, TURBID, NO ODOR.

Unable To Obtain Sample (X): ____ Reason:
Sample Composited (X): ____ Procedure/Proportions:

	0847	0906	0921	
pH	7.24	7.48	7.70	7.53
Sp. Cond. (umhos)	1530	1560	1490	1480
	12.9°C	13.8°C	14.0°C	
	1ST PURGE (-4 gal)	2ND (-85 gal)	3RD (-168 gal)	FINAL

~~Lab~~ FIELD Comments: FIN OF PURGE WATER APPEARANCE FROM SUBMERSIBLE PUMP WAS: CLEAR, NO ODOR

I certify that sampling procedures were in accordance with EPA and corporate protocols.
Sampler Name: (print) JAMES A. O'MALLEY Signature: James A. O'Malley

GCL # ____

WESTON.

APPENDIX G

SURVEY DATA

1070R2

Tooele Army Depot Elevations
North Area

September 1989

Landfill

N-117-88	Top of PVC Pipe Casing	4703.32
	Top of Metal Pipe Casing	4703.55
	Base of Metal Pipe Casing (Conc)	4700.94
	Ground 1.2' East	4700.61
N-118-88	Top of PVC Pipe Casing	4713.61
	Top of Metal Pipe Casing	4713.79
	Base of Metal Pipe Casing (Conc)	4710.82
	Ground 1.0' NE	4710.82
N-119-88	Top of PVC Pipe Casing	4751.74
	Top of Metal Pipe Casing	4751.87
	Base of Metal Pipe Casing (Conc)	4748.95
	Ground 1.0' SW	4748.60
N-120-88	Top of PVC Pipe Casing	4779.34
	Top of Metal Pipe Casing	4779.49
	Base of Metal Pipe Casing (Ground)	4777.41
N-116-88	Top of PVC Pipe Casing	4756.23
	Top of Metal Pipe Casing	4756.44
	Base of Metal Pipe Casing (Conc)	4753.91
	Ground 1.8' SW	4753.50
N-115-88	Top of PVC Pipe Casing	4752.01
	Top of Metal Pipe Casing	4752.26
	Base of Metal Pipe Casing (Conc)	4749.59
	Ground 1.4' NE	4749.59
N-114-88	Top of PVC Pipe Casing	4797.82
	Top of Metal Pipe Casing	4798.02
	Base of Metal Pipe Casing (Conc)	4795.62
	Ground 1.2' South	4795.51
N-113-88	Removed	
N-112-88	Top of PVC Pipe Casing	4801.38
	Top of Metal Pipe Casing	4801.59
	Base of Metal Pipe Casing (Conc)	4799.18
	Ground 1.5' NE	4799.09
N-111-88	Top of PVC Pipe Casing	4805.31
	Top of Metal Pipe Casing	4805.76
	Base of Metal Pipe Casing (Conc)	4803.55
	Ground 1.0' North	4803.42

AAA ENGINEERING & DRAFTING, INC.

MAILING ADDRESS P.O. BOX 58171/SALT LAKE CITY, UTAH 84158-0171 (801) 487-9908 FAX (801) 466-4560
STREET ADDRESS 1865 SOUTH MAIN STREET/SALT LAKE CITY, UTAH 84115-2090 (801) 487-1794

TNT Washout Area

N-3I	Top of PVC Pipe Casing	4718.35
	Top of Metal Pipe Casing	4718.74
	Base of Metal Pipe Casing (Ground)	4717.36
N-3H	Top of PVC Pipe Casing	4717.39
	Top of Metal Pipe Casing	4717.66
	Base of Metal Pipe Casing (Conc)	4714.97
	Ground 0.5' East	4714.91
N-3F	Top of PVC Pipe Casing	4716.55
	Top of Metal Pipe Casing	4716.92
	Ground 1.0' North	4714.68
N-3E	Top of PVC Pipe Casing	4726.10
	Top of Metal Pipe Casing	4726.72
	Base of Metal Pipe Casing (Ground)	4724.13
N-3D2	Top of PVC Pipe Casing	4733.54
	Top of Metal Pipe Casing	4734.09
	Base of Metal Pipe Casing (Conc)	4731.55
	Ground 0.8' East	4731.61
N-3D1	Top of PVC Pipe Casing	4732.80
	Top of Metal Pipe Casing	4733.28
	Base of Metal Pipe Casing (Conc)	4731.77
	Ground 1.0' North	4731.46
N-3B	Top of PVC Pipe Casing	4727.42
	Top of Metal Pipe Casing	4727.92
	Ground Base of Casing	4725.01
N-3A	Top of PVC Pipe Casing	4727.33
	Top of Metal Pipe Casing	4727.90
	Ground	4725.04
N-102-88	Top of PVC Pipe Casing	4727.46
	Top of Metal Pipe Casing	4727.81
	Ground Base of Casing	4725.24
N-103-88	Top of PVC Pipe Casing	4722.39
	Top of Metal Pipe Casing	4722.74
	Base of Metal Pipe Casing (Conc.)	4720.19
	Ground 0.5' North	4720.17
N-110-88	Top of PVC Pipe Casing	4786.11
	Top of Metal Pipe Casing	4786.26
	Base of Metal Pipe Casing (Conc.)	4783.66
	Ground 2.0' East	4783.30
N-127-88	Top of PVC Pipe Casing	4705.34
	Top of Metal Pipe Casing	4705.53
	Base of Metal Pipe Casing (Ground)	4702.86

N-128-88	Top of PVC Pipe Casing	4704.93
	Top of Metal Pipe Casing	4705.11
	Ground Base of Metal Casing	4702.44
N-129-88	Top of PVC Pipe Casing	4705.54
	Top of Metal Pipe Casing	4705.78
	Base of Metal Pipe Casing (Conc)	4703.22
	Ground 1.0' SE	4703.05
N-130-88	Top of PVC Pipe Casing	4707.03
	Top of Metal Pipe Casing	4707.22
	Base of Metal Pipe Casing (Conc)	4704.74
	Ground 1.0' South	4704.51
N-106-88	Top of PVC Pipe Casing	4726.71
	Top of Metal Pipe Casing	4726.97
	Base of Metal Pipe Casing (Conc)	4724.26
	Ground 1.4' South	4724.10

AAA ENGINEERING AND DRAFTING, INC
1865 SOUTH MAIN STREET
SALT LAKE CITY, UTAH 84115
(801)-487-1794
LIST COORDINATES

DATE 12/20/88

DEPOT COORINATES NORTH AREA

Point #		Northing	Easting
279	N-123-88	- 13,892.72781	- 22,264.74668
280	N-122-88	- 13,878.21549	- 21,664.01425
281	N-121-88	- 13,995.16614	- 21,369.43795
282	N-124-88	- 14,562.99508	- 21,898.05522
283		- 13,913.00346	- 18,591.17550
284		- 9,621.04770	- 18,597.20982
285		- 10,473.62759	- 18,508.33134
286	N-127-88	- 9,140.55959	- 18,702.64443
287	N-128-88	- 9,240.54474	- 18,902.20165
288	N-129-88	- 9,412.99483	- 19,197.46592
289	N-130-88	- 9,588.98568	- 19,465.26791
290	N-110-88	- 11,496.46143	- 18,354.76399
291	N-103-88	- 9,682.58622	- 18,661.83790
292	N-104-88	- 9,618.54950	- 18,993.58195
293	N-3H	- 9,771.85481	- 19,094.22410
294	N-3F	- 9,785.21061	- 19,099.71434
295	N-105-88	- 9,788.16710	- 19,257.59194
296	N-3E	- 10,109.07682	- 19,124.71021
297	N-106-88	- 10,000.65321	- 18,981.71647
298	NO.3	- 10,042.22169	- 18,823.10706
299	NO.4	- 10,044.62394	- 18,813.31730
300	N-107-88	- 9,973.98415	- 18,753.31912
301	N-102-88	- 9,892.69794	- 18,557.41219
302	N-3I	- 9,714.83747	- 18,854.06175
303	N-101-88	- 10,213.15768	- 18,508.55485
304	N-108-88	- 10,247.19836	- 18,728.15067
305	N-109-88	- 10,278.86111	- 18,848.89118
306	N-3D2	- 10,389.28185	- 19,122.36541
307	N-3D1	- 10,389.27436	- 19,146.30892
308		- 4,550.05016	- 8,843.19939
309		- 4,647.67864	- 8,046.96229
310		- 4,325.50874	- 8,806.44274
311	N-118-88	- 5,157.74380	- 9,699.97324
312	N-115-88	- 4,947.09132	- 8,867.76369
313	N-110-88	- 4,850.53815	- 8,428.19733
314	N-119-88	- 3,428.92815	- 8,271.07165
315	N-117-88	- 4,007.43742	- 8,463.49764
316	N-111-88	- 6,950.40614	- 7,325.67842
317	N-112-88	- 5,396.12966	- 6,751.69657
318	N-113-88	- 4,975.69118	- 6,624.21259
319	N-114-88	- 4,511.53479	- 6,381.28701
320	N-120-88	- 3,764.86169	- 6,928.79271

There are no unused coordinates between 279 and 320 .

1

9-14-89

T.L. PETERSON

ROD D. PEECE

70° CLEAR

WESTON CORP.

TOOELE ARMY DEPOT

LANDFILL AREA

STA	+	HI	−	ELEV
MON				4714.02
	2.48	4716.50		
			8.18	4708.32
	0.57	4708.89		
			5.57	4703.32
			5.34	4703.55
			7.95	4700.94
			8.28	4700.61
	4.40	4708.06		
			1.07	4706.86
	12.52	4715.86		
			2.48	4714.02

DEPOT MON. 3900 S 9100 W

TOP OF PVC PIPE CASING N-11788
TOP OF METAL PIPE CASING
BASE OF 1" " CASING (CONC)
GROUND 1.2' EAST OF M. CASING.

DEPOT MON. 3900 S 9100 W.

CLOSURE 0.00

STA	+	HI	−	ELEV.
				4714.02
	8.13	4722.15		
			1.52	4720.63
	9.75	4730.38		
			0.34	4730.04
	11.87	4741.91		
			0.55	4741.36
	10.26	4751.62		
			4.35	4747.27
	5.38	4752.65		
			0.91	4751.74
			0.78	4751.87
			3.70	4748.95
			4.05	4748.60
	3.77	4752.37		
			7.04	4745.33
	0.57	4745.90		
			8.06	4737.84
	0.08	4737.92		
			13.03	4724.89
	0.94	4725.83		
			6.02	4719.81
	1.68	4721.49		
			7.48	4714.01

DEPOT MON. 3900 S 9100 W

TOP OF PVC PIPE CASING N-119-88

TOP OF METAL PIPE CASING

BASE OF METAL PIPE CASING (CONC)

GROUND 1.0' SW

DEPOT MON.

CLOSURE 0.01

STA	+	HI	−	ELEV.	
				4703.55	TOP OF METAL CASING N-117-88
	3.51	4707.06			
			0.98	4706.08	
	12.07	4718.15			
			5.98	4712.17	
	3.90	4716.07			
			2.89	4713.18	
	5.04	4718.22			
			6.76	4711.46	
	4.18	4715.64			
			4.53	4711.11	
	4.74	4715.85			
			2.24	4713.61	TOP OF PVC PIPE CASING N-118-88
			2.06	4713.79	TOP OF METAL " " "
			4.99	4710.86	BASE OF " " " (CONC)
			5.03	4710.82	GROUND 1.0' NE
	5.59	4716.41			
			5.66	4710.75	
	7.97	4718.72			
			5.46	4713.26	
	6.49	4719.75			
			4.23	4715.52	
	9.68	4725.20			
			8.54	4716.66	

STA	+	HI	−	ELEV
	1.98	4718.64		
			12.05	4706.59
	0.65	4707.24		
			3.68	4703.56

TOP OF METAL PIPE CASING N-117.88

CLOSURE +0.01

STA	+	HI	−	ELEV.	
				4703.55	TOP OF METAL PIPE CASING N-117-88
	3.69	4707.24			
			1.38	4705.86	
	15.73	4721.59			
			0.62	4720.97	
	11.72	4732.69			
			1.83	4730.86	
	17.36	4748.22			
			1.18	4747.04	
	11.23	4758.27			
			6.26	4752.01	TOP OF PVC PIPE CASING N-115-88
			6.01	4752.26	TOP OF METAL PIPE CASING "
			8.68	4749.59	BASE OF METAL PIPE CASING (CONC)
			8.68	4749.59	GROUND 1.4' NE.
	9.85	4759.44			
			3.21	4756.23	TOP OF PVC PIPE CASING N-116-88
			3.00	4756.44	TOP OF METAL PIPE CASING
			5.53	4753.91	BASE OF METAL PIPE CASING (CONC)
			5.94	4753.50	GROUND 1.8' SW
	3.39	4756.89			
			7.99	4748.90	
	0.67	4749.57			
			17.34	4732.23	

STA	+	HI	−	ELEV
	1.80	4734.03		
			17.00	4717.03
	0.73	4717.76		
			15.62	4702.14
	4.32	4706.46		
			2.89	4703.57

TOP OF METAL PIPE CASING 10-11-88

CLOSURE + 0.02

STA	+	HI	-	ELEV.	
				4751.87	TOP OF METAL COSING 5 N-119-88
	4.19	4756.06			
			0.86	4755.20	
	8.06	4763.26			
			1.70	4761.56	
	11.25	4772.81			
			0.64	4772.17	
	6.86	4779.03			
			4.08	4774.95	
	6.39	4781.34			
			2.00	4779.34	TOP OF PVC PIPE CASING N-120-88
			1.85	4779.49	TOP OF METAL PIPE CASING
			3.93	4777.41	GROUND
	2.32	4779.73			
			6.24	4773.49	
	1.39	4774.88			
			11.31	4763.57	
	0.66	4764.23			
			6.52	4757.71	
	2.51	4760.22			
			11.19	4749.03	
	4.45	4753.48			
			1.59	4757.89	TOP OF METAL PIPE CASING N-119-88
					CLOSURE +0.02

9-18-89
T.L. PETERSON
ROD D. PREECE
CLOUDY 65°

LANDFILL
TOOGLE

STA	+	HI	−	ELEV.	
				4756.44	TOP OF METAL PIPE CASING N-116-88
	4.56	4761.00			
			3.01	4757.99	
	12.15	4770.14			
			1.84	4768.30	
	6.23	4774.53			
			9.08	4765.45	
	20.44	4785.89			
			0.69	4785.20	
	8.63	4793.83			
			1.11	4792.72	
	7.29	4800.01			
			2.19	4797.82	TOP OF PVC PIPE CASING N-114-88
			1.99	4798.02	TOP OF METAL PIPE CASING
			4.39	4795.62	BASE OF METAL PIPE CASING (conc)
			4.50	4795.51	GROUND 1.2' SOUTH
	4.94	4800.45			
			3.73	4796.72	
	7.63	4804.35			
			2.97	4801.38	TOP OF PVC PIPE CASING N-112-88
			2.76	4801.59	TOP OF METAL PIPE CASING
			5.17	4799.18	BASE OF METAL PIPE CASING
			5.26	4799.09	GROUND 1.5' NE
	2.90	4801.99			

STA	+	HI	−	ELEV
			12.51	4789.48
	2.30	4791.78		
			16.06	4775.72
	1.31	4777.03		
			5.88	4771.15
	2.58	4773.73		
			8.39	4765.34
	3.19	4768.53		
			12.17	4756.36
	3.80	4760.16		
			3.70	4756.46

TOP OF METAL CASING N-116-88

CLOSURE +0.02

STA	+	HI	−	ELEV.	
				4801.59	TOP OF METAL PIPE CASING N-112-88
	5.11	4806.70			
			9.94	4796.76	
	1.23	4797.99			
			11.01	4786.98	
	7.60	4794.58			
			0.21	4794.37	
	15.93	4810.30			
			4.06	4806.24	
	4.60	4810.84			
			5.53	4805.31	TOP OF PVC PIPE CASING N-111-88
			5.08	4805.76	TOP OF METAL PIPE CASING
			7.29	4803.55	BASE OF METAL CASING (CONC)
			7.42	4803.42	GROUND 1.0' NORTH
	6.60	4810.02			
			5.98	4804.04	
	0.26	4804.30			
			16.88	4787.42	
	5.56	4792.98			
			0.62	4792.36	
	10.51	4802.87			
			1.49	4801.38	
	5.75	4807.13			
			5.51	4801.62	TOP OF METAL PIPE CASING N-112-88
					CLOSURE +0.03

STA	+	HI	−	ELEV.

TNT WASHOUT
AREA.

STA	+	HI	−	ELEV	
				4718.18	AAA #2 TOP OF CAP
	6.49	4724.67			
			6.32	4718.35	TOP OF PVC PIPE CASING N-3I
			5.93	4718.74	TOP OF METAL PIPE CASING
			7.31	4717.36	BASE OF METAL CASING (GROUND)
	3.62	4720.98			
			3.59	4717.39	TOP OF PVC PIPE CASING N-3H
			3.32	4717.66	TOP OF METAL PIPE CASING
			6.01	4714.97	BASE OF METAL CASING (CONC)
			6.07	4714.91	GROUND 0.5' EAST.
			4.43	4716.55	TOP OF PVC PIPE CASING N-3F
			4.06	4716.92	TOP OF METAL PIPE CASING
			6.30	4714.68	GROUND 10' NORTH
	11.36	4726.04			
			1.80	4724.24	
	5.17	4729.41			
			3.31	4726.10	TOP OF PVC PIPE CASING N-3E
			2.69	4726.72	TOP OF METAL PIPE CASING
			5.28	4724.13	BASE OF METAL CASING (GROUND)
	10.08	4734.21			
			0.67	4733.54	TOP OF PVC PIPE CASING N-3DZ
			0.12	4734.09	TOP OF METAL CASING
			2.66	4731.55	BASE OF METAL PIPE (CONC)
			2.60	4731.61	GROUND 0.8' EAST

STA	+	HI	-	ELEV
			1.41	4732.80
			0.93	4733.28
			2.44	4731.77
			2.75	4731.46
	3.51	4734.97		
			10.28	4724.69
	3.77	4728.46		
			12.49	4715.97
	8.21	4724.18		
			5.97	4718.21

TOP OF PVC PIPE CASING N-301
TOP OF METAL PIPE CASING
BASE OF METAL CASING (CONC)
GROUND 1.0' NORTH

AAA #2 TOP OF CAP.
CLOSURE +0.03

9-19-89

T L PETERSON

ROD D. PREECE

CLEAR 68°

NICE

BREEZY

TNT WASHOUT

AREA

STA	+	HI	-	ELEV	
				4718.18	AAA #2 TOP OF CAP
	6.61	4724.79			
			2.40	4722.39	TOP OF PVC PIPE CASING N-102-88
			2.05	4722.74	TOP OF METAL PIPE CASING
			4.69	4720.19	BASE OF METAL CASING (CONC)
			4.62	4720.47	GROUND 0.51 NORTH
	8.18	4728.35			
			0.89	4727.46	TOP OF PVC PIPE CASING N-102-88
			0.54	4727.81	TOP OF METAL PIPE CASING
			3.11	4725.24	GROUND BASE OF CASING
	1.41	4726.65			
			8.46	4718.19	AAA #2 TOP OF CAP
					CASING +0.01
				4718.18	AAA #2 TOP OF CAP
	2.59	4720.77			
			12.70	4708.07	
	3.44	4711.51			
			6.17	4705.34	TOP OF PVC PIPE CASING N-127-88
			5.98	4705.53	TOP OF METAL PIPE CASING (~~CONC~~)
			8.65	4702.86	GROUND BASE OF METAL CASING
	8.42	4711.28			

STA	+	HI	-	ELEV.
			6.35	4704.93
			6.17	4705.11
			8.84	4702.44
10.69	4713.13			
			7.59	4705.54
			7.35	4705.78
			9.91	4703.22
			10.08	4703.05
9.82	4713.87			
			5.84	4707.03
			5.65	4707.22
			8.13	4704.74
			8.36	4704.51
7.76	4712.27			
			2.36	4709.91
11.41	4721.82			
			3.14	4718.68

TOP OF PVC PIPE CASING N-128-88
TOP OF METAL PIPE CASING N-128-88
GROUND

TOP OF PVC PIPE CASING N-129-88
" " METAL " "
BASE OF METAL PIPE CASING (CONC)
GROUND 1.0' SE

TOP OF PVC PIPE CASING N-130-88
" " METAL " "
BASE " " " " (CONC)
GROUND 1.0' SOUTH

NAIL TOP OF CAP

STA	+	HI	-	ELEV
				4718.18
	8.75	4726.93		
			2.75	4724.18
	5.38	4722.56		
			2.14	4727.42
			1.64	4727.92
			4.55	4725.01
			2.23	4727.33
			1.66	4727.90
			4.82	4725.04
			2.85	4726.71
			2.59	4726.97
			5.30	4724.26
			5.46	4724.10
	0.51	4724.61		
			7.40	4717.21
	9.50	4726.71		
			8.51	4718.20

AAA #2 TOP OF CAP

TOP OF PVC PIPE CASING N-3B
TOP OF METAL " "
GROUND
TOP OF PVC PIPE CASING N-3A
TOP OF METAL " "
GROUND
TOP OF PVC PIPE CASING N-10B-88
TOP OF METAL " "
BASE OF " " " (CONC)
GROUND 1.4' SOUTH

AAA #2 TOP OF CAP

CLOSURE +0.02

STA	+	HI	−	ELEV
				4718.18
	8.51	4726.69		
			2.53	4724.16
	11.01	4735.17		
			0.78	4734.39
	11.14	4745.53		
			0.56	4744.97
	12.07	4757.04		
			3.97	4753.07
	16.91	4769.98		
			2.48	4767.50
	18.17	4785.67		
			3.74	4781.93
	4.52	4786.45		
			0.39	4786.11
			0.19	4786.26
			2.79	4783.66
			3.15	4783.30
	3.46	4786.76		
			19.25	4767.51
	1.64	4769.15		
			16.39	4752.76
	2.29	4755.05		
			14.55	4740.50

AAA #2 TOP OF CAP

TOP OF PVC PIPE CASING N+10.88
" " METAL " "
BASE OF " " " (CONC)
GROUND 2.0' EAST

STA	+	HI	−	ELEV
	0.59	4741.00		
			12.10	4728.99
	1.30	4730.29		
			7.90	4722.39
	3.36	4725.75		
			7.54	4718.21

AAA #2 TOP OF CAP

CLOSURE +0.03

APPENDIX H

CHAIN-OF-CUSTODY FORMS

Frank Unger, Geo, Denise, Carter, Dianne, Leo, Book, PM, Sie
Mike

WESTON

Custody Transfer Record/Lab Work Request

Received By P. Geiger
Date 6/3/88
Assigned to

Client Tooele Army Depot
Client Contact
Phone

RFW Contact Leo Eng
Date Due 7-1-88
Project Number 2281-05-09

8806-569

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Explosives
✓ 001	N-3H	Groundwater Sample	W	6-1-88	1 lgl. am./NP	✓
✓ 2	N-3A	Groundwater Sample	W	6-2-88	1 lgl. am./NP	✓

Revision 6/4/88
Explosives
246TNT, 26DNT, 24DNT, 135TNB
13DNB, TETRYL, NB, HMX, RDX.

Urathama Special QC/Del

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions:

EXPEDITE

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Samples/ Transport To Lab	[illegible]	Federal Express	6-2-88	1500					
	Fed Ex	P. Geiger	6/4/88						

RFW 21-21-001/A-3/86

WESTON

[illegible], STERN, BOB, EXT, GEORGE, LINDA, LES, DIANE, BOOK MIKE, GLORIA, J CHANG

Custody Transfer Record/Lab Work Request

8811L382

Received By M Jefferson
Date 11/8/88
Assigned to

Client [illegible]
Client Contact Bert Keshan
Phone 505/255-1445

RFW Contact Les Eng
Date Due 12/6/88
Project Number 2201-05-09-0030

Usa-Thanna-TN

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative		Explosives	[illegible]	VOA	Total Metals	Diss. Metals	Inorg. NO_2+NO_3	Inorg. Sulfate
001	N-111-88	Groundwater Sample	W	11-6-88	2-[illegible]; 2-[illegible]; 2-[illegible]		✓	✓	✓	✓	✓	✓	✓
002	N-112-88	"	W	11-7-88	"		✓	✓	✓	✓	✓	✓	✓
003	N-114-88	"	W	11-7-88	"		✓	✓	✓	✓	✓	✓	✓
004	N-111-88		W	11-6-88	"						✓		
005	N-112-88		W	11-7-88							✓		
006	N-114-88		W								✓		

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: QC/DEL = SPECIAL ✓ VOA's subbed to ES+E 11/16/88

EXPLOSIVES = 246 TNT, 26 DNT, 24 DNT, 135 TNB, 13 DNB, TETRYL, NB, HMX, RDX

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Samples/Transport to Lab	[illegible]	Federal Express	11-7-88	1730	N3 N2		Joan E Bevan	12/6/88	9:00
" "	Fed Ex	M Jefferson	11/8/88	9:34	Store	Joan E Bevan		12/5/88	4:00
Extraction	[illegible]	[illegible]	11/13/88	3:00 pm	Metals		Ed Sudlmeyer	12/9	4:00
[illegible]		[illegible]	11/30/88	1:50		Ed Sudlmeyer		12/9	12:00
[illegible]	[illegible]		11/30	4:30					

W21-21-001/A-3/86
BNA-red

D. Skrzat 1/3/89 [illegible] D. Skrzat

88IL402

Date 11/9/88
Assigned to

Client Contact Berg Kiesman
Phone 505/255-1445

HFW Contact [illegible]
Date Due
Project Number 2281-05-09-[illegible]

SAMPLE IDENTIFICATION

USATHAMA-T

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Explosives	VOA	[illegible]	Total Metals	Diss. Metals	[illegible]	[illegible]
001	T-7	Groundwater Sample	W	11-8-88	[illegible]	✓	✓	✓	✓	✓	✓	✓
002	01FB	Field Blank - Drum Storage	W	11-8-88	"	✓	✓	✓	✓	✓	✓	✓
003	N-118-88	Groundwater Sample	W	11-8-88	"	✓	✓	✓	✓	✓	✓	✓
004	T-7									✓		
005	01FB									✓		
006	N-118-88									✓		

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions:

VOA's subbed to ES&E 11/16/88

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Sample Transport to LAB	[illegible]	Federal Express	11-8-88	1700	Hg		M. Lalise	11-29	9-
" "	[illegible]	M. [illegible]	11/9/88	9:30 am	Hg	M. Lalise		11-29	5-
Extraction	K. Holley	[illegible]	11/13/88	3:00 pm	anions		[illegible]	11/30/88	[illegible]
6 Aqt. H_2O's	[illegible]	[illegible]	11/14/88	9:30 am	Metals		Ed Sedlmayer	1219	
"	[illegible]	[illegible]	11/14/88	5:30 pm		Ed Sedlmayer		1219	

RFW 21-21-001/A-3/86
BNA [illegible]

D. Skrzyt 1-3-89 12- used all sample D. Skrzyt

Dianne, Book, Vinh, Carter, Geo P, Linda, gcms, Sue, jt, Jerry Ken, Bob, Tammy, Wlab, Nicki Steph, Mike PM Gloria Chang

WESTON

Custody Transfer Record/Lab Work Request

Received By [signature]
Date 11/17/88
Assigned to

Client [illegible]
Client Contact Berg Keshian
Phone 505/255-1445

RFW Contact Les Eng
Date Due 12/15/88
Project Number 2281-05-09-0030 ICS04

88111L508

SAMPLE IDENTIFICATION Usathema-TN

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Explosive	VOA	[illegible]	Total Metals	Diss. Metals	Inorg. NO_2+NO_3	Inorg. Sulfate	
001	N-115-88	Groundwater Sample	W	11/15/88	[illegible]	✓	✓	✓	✓	[illegible]	✓	✓	
002	N-116-88	"	W	11/15/88	"	✓	✓	✓	✓	[illegible]	✓	✓	
003	N-115-88		⊥	⊥						✓			
004	N-116-88									✓			

Usathema Special QC/Del.

Explosives: 246TNT, 26DNT, 24DNT, 135TNB, 13DNB, TETRYL, NB, HMX, RDX

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Samples/Transport to Lab	[signature]	Federal Express	11/16/88	1900	N_3N_2		Joan E Bevan	12/5/88	9:00
	[signature]	[signature]	11/17/88	9:30 am	Store	Joan E Bevan		12/5/88	4:00
BNA		D. Leslie	11/22/88	12:45	N_3N_2		Joan E Bevan	12/6/88	9:00
EXPL		K Hannon	11/20/88	1:50	All	K Hannon		11/20/88	5 pm
anions		M J Perrone	11/30/88	1:50	Store	Joan E Bevan		12/6/88	4:00
[illegible]	M J Perrone		11/30	4:30	VOA		[signature]	12/6/88	2330

RFW 2[illegible]/86

Diane, Book, Vink, Kirby, George + Michelle GCMS, Ave, Ext, Terry, Ken, 1506, Tamm
w/lab, Steph, Mike, Pm, Cloud, Chang

WESTON

Custody Transfer Record/Lab Work Request

Received By M Offer
Date 11/23/88
Assigned to

Client Tooele Army Depot
Client Contact Larry Kaufman
Phone 801/833-1445

RFW Contact Jim Eng
Date Due 12/21/88
Project Number 1001-05-09-0000

88111594

SAMPLE IDENTIFICATION

USATHAMA - TNT, DNT, 6WP

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Explosives	VOA	Nitrate Nitrite	Total Metals	Diss. Metals	Cyanide	Sulfide	
001	N-110-88	Groundwater Sample	W	11-22-88	[illegible]	✓	✓	[illegible]	[illegible]		✓	✓	
002	N-3A	"	W	11-21-88	"	✓	✓				✓	✓	
003	N-3H	"	W	11-22-88	"	✓	✓				✓	✓	
004	N-117-88	"	W	11-22-88	[illegible]	✓	✓	✓	✓	✓	✓	✓	
005	N-117-88		W	—	—					✓			

VOA [illegible] 11/23/88

Explosives: 246 TNT, 26 DNT, 21 DNT, 135 TNB, 13 DND, Tetryl, NB, HMX, RDX

QC + Del - Special

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: THIS IS IT FOR THE GROUNDWATER SAMPLES FROM TOOELE ARMY DEPOT

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Samples Transferred to WA	[illegible]	Fedex Express	11-22-88	1900	N-3 N-4		Joan E Bevan	12/5/88	9:00
Fed Ex	M Offer		11-23-88	9:30	Steve	Joan E Bevan		12/5/88	4:00
Explosives H2O		Linda Mackey	11/28/88	11:9 am	anions		D Bevan	11/30/88	1:57
"	Linda Mackey		11/28/88	1:45 pm	storage	D Bevan		11/30	4:30
1 DNA 50		S. Sandberg	11/29	200	N-3 N-4		Joan E Bevan	12/6/88	9:00
					Steve	Joan E Bevan		12/6/88	9:00

RFW 21-21-001/A-3/86

Diane, Boor, Vina, [illegible], Jerry, Ken, Lou, Tammy, Lab Staff, Mike, AM, Gloria, Chang

WESTON

Custody Transfer Record / Lab Work Request

Received By: M Offman
Date: 11/13/88
Assigned to:

Client: ~~Tooele Army Depot~~
Client Contact: Doug Kershaw
Phone: 505/255-1445

RFW Contact: Lee Eng
Date Due: 12/21/88
Project Number: 2001-05-09-0030

88IL602

LBAT0000A-TN

SAMPLE IDENTIFICATION

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Explosives	VOA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
001	N-119-88	Groundwater Sample	W	11-22-88	[illegible]	✓	✓	✓	✓	✓	✓	✓	
002	N-120-88	"	W	11-22-88	" ✓	✓	✓	✓	✓	✓	✓	✓	
003	02FB	Field Blank	W	11-22-88	" ✓	✓	✓	✓	✓	✓	✓	✓	
004	N-119-88								✓				
005	N-120-88								✓				
006	02FB								✓				

Explosives 246 TNT, 26 DNT, 24 DNT, 35 TNB, 13 DND, TETRYL, NB, HMX, RDX

QC + Pil = Special

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: THIS IS IT FOR THE GROUNDWATER SAMPLES FROM TOOELE ARMY DEPOT

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Samples/Transport to lab	[illegible]	Federal Express	11-28-88	1900	1,2,3 Bna, Se.		S. Savanch	12-1-88	1500
	Fed Ex	M Offman	11-23-88	9 AM	N2 N2		Joan E Dixon	12/5/88	9:00
KnA		T Bezue	11-[illegible]	10:30	Store	Joan E Dixon		12/5/88	4:00
Explo. Indiks		Judy Mabry	11/28/88	11:50	VOA		[illegible]	12/6/88	22
"	Judy Mabry		11/28/88	1:40 pm	Lab		[illegible]		

RFW 21-21-001/A-3/86

12-9

[illegible] Ken, [illegible] Charg Peg Book Judy

WESTON

Custody Transfer Record/Lab Work Request

Received By M Off
Date 11/23/88
Assigned to

Client ~~[illegible]~~
Client Contact [illegible]
Phone 505/255-1445

RFW Contact Les Eng
Date Due 12/21/88
Project Number [illegible]-05-07-0050

8811C594

SAMPLE IDENTIFICATION USATHAMA - TNOEXPW 6XP ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Explosives	VOA	[illegible]	Total Metals	Dissolved Metals	[illegible]	[illegible]
001	N-110-88	[illegible] Sample	W	11-22-88	[illegible]	✓	✓	[illegible]	PP			✓
002	N-3A	[illegible]	W	11-21-88	"	✓	✓					✓
003	N-3H	[illegible]	W	11-22-88	"	✓	✓					✓
004	N-117-88	[illegible]	W	11-22-88	[illegible]	✓	✓	✓	✓			✓
005	N-117-88	[illegible]	W	↓	↓					✓		

VOA's Subbed to Metatrace 11/23/88

Explosives: 246 TNT, 26 DTNT, 24 DNT, 35 TNB, 13 DND, TETRYL, NB, HMX, RDX

QC + Del - Special

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: THIS IS IT FOR THE GROUNDWATER SAMPLES FROM TOOELE ARMY DEPOT

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
SAMPLES/ TRANSPORT TO LAB	[illegible]	Federal Express	11-22-88	1900	[illegible]				
	Ded Ex	M Offusso	11-23-88	9 [illegible]					

RFW 21 21 001/A 3/86

WESTON

Custody Transfer Record/Lab Work Request

Received by J. Walsh
Date 11/22/88
Assigned to

Client Tooele Army Depot
Client Contact Fred Hayman
Phone 801/833-4115

RFW Contact Fred Eng
Date Due 12/20/88
Project Number 22465.02.0030

88111571

SAMPLE IDENTIFICATION TOOELE ARMY DEPOT - TN

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservation	Explosives	VOA	Metals	Total Cyanide				
001	N-31	Groundwater Sample	W	11-10-88	1 gal amber, 2 [illegible]	✓	✓	✓	✓				
002	N-3F	"	W	11-20-88	"	✓	✓	✓	✓				
003	03FB	Field Blank	W	11-20-88	"	✓	✓	✓	✓				
004	N-127-88	Groundwater Sample	W	11-21-88	"	✓	✓	✓	✓				
005	N-128-88	"	W	11-21-88	"	✓	✓	✓	✓				
006	N-129-88	"	W	11-21-88	"	✓	✓	✓	✓				
007	N-130-88	"	W	11-21-88	"	✓	✓	✓	✓				

GC+DL C=Special

Explosives: 246TNT, 26DNT, 24DNT, 135TNB, 13DNB, TETRYL, NB, HMX, RDX

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: THE LAST OF THE TOOELE ARMY DEPOT GROUNDWATER SAMPLES FROM N-TEAD SHOULD GET THERE BY 11-23-88 (WEDNESDAY) — [illegible]

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Samples/ Indoor Air	Mary A. O'Malley, Red Ex	Federal Express / Jeffrey Walsh	11/21/88	1900					

RFW 21-21-001/A 3/86

TAMY, KEN, BOB, SETH, LINDA, [illegible], CARTER, [illegible], TAY, [illegible], [illegible], MIKE, [illegible], GLORIA, T. CHANG
LEG BOOK DIANNE

WESTON

Custody Transfer Record/Lab Work Request

8810-195

Received By [illegible] Client USATHAMA - TN RFW Contact Barg Kelly
Date 10/28/94 Client Contact Mary Heppner Date Due 10/25/94
Assigned to Phone (601) 634-3326 Project Number 2221-05-09

SAMPLE IDENTIFICATION — ANALYSES REQUESTED

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	PPMT	Fuel	BNA	Aniline	Aniline	SVOC		VOA
001	U-130-88-22		Discharge Samples	S	88-26-10	3x32 ml Amber	✓	✓	✓	✓	✓	✓		
001	U-130-88-22		[illegible] 22'	S	↓	"	✓	✓	✓	✓	✓	✓		
001	U-131-88-22		[illegible]	S	↓	VOA								✓
002	U-130-88-24		Discharge Samples	S	88-26-10	3x32 ml Amber	✓	✓	✓	✓	✓	✓		
002	U-130-88-24		[illegible] 24'	S	↓	"	✓	✓	✓	✓	✓	✓		
002	U-130-88-24		[illegible]	S	↓	VOA								✓

QC/DEL = SPECIAL

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: SULFATE TO BE DONE BY IC
EXPL. = 246TNT, 26DNT, 24DNT, 135TNB, 13DNB, TETRYL, NB, HMX, RDX

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	J. McDonnell	Fedex	10-27-94	3:00					
	FedEx	[illegible]	10/28/94	9:00 am					

Mike, J Chang, Pm, Gloria, Ken, Ed, Steph, Pat, Jenis, Sue, Terry, John, Lee, Diane, W. Jabs, Book

WESTON

Custody Transfer Record/Lab Work Request

8810-072

Received by: Mary Jefferson
Date: 10/19/88
Assigned to:

Client: USATHAMA-Tooele
Client Contact: MARY Heppner
Phone: 801/634-3326

RFW Contact: Berg Kehoe, 206-255-1945
Date Due: 11/16/88
Project Number: 2281-05-01

Carter George Rhodes

SAMPLE IDENTIFICATION

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Containers/Preservative	VOA	Ext	BNA	Metals	Inorg	SVOC		DOD
001	U-128-88-20	001	Darkney Slough from polyment bank	S	88-10-12	3oz amber	✓	✓	✓	✓	✓	✓		
002	U-128-88-20			S	88-10-12	" "	✓	✓	✓	✓	✓	✓		
003	U-129-88-20	002		S	88-10-18	" "	✓	✓	✓	✓	✓	✓		
004	U-129-88-20			S	88-10-18	" "	✓	✓	✓	/	✓	/		
005	U-129-88-20			S	88-10-18	VOA								✓

Revision
11/15/88
NaN_3 pulegged
Batch #8811471

Revision
NaN_3 NaN_3 logged in together as NaN_3.
10/21/88 pg

QC/Del = Special

Explosives = 2,4,6 TNT, 2,6 DNT, 2,4 DNT, 1,3,5 TNB, 1,3 DNB, tetryl, NB, Hmx, RDX

Special Instructions: metals P.P. = mpp low in water
VOA - BNA P.P.

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Name/Reason	Relinquished By	Received By	Date	Time	Name/Reason	Relinquished By	Received By	Date	Time
	[illegible]	Falge	10/18/88	6:30	% Solids	[illegible]		10/21/88	4:00
	FedX	Mary Jefferson	10/19/88	9:34 am	VOA		[illegible]	10/21/88	11:30
% sol		M. Bakke	10-21	9	BNA		T Sayre		
% sol	M Lodge		10-21	5	Storage	T Sayre			
% sol		[illegible]	2:30	10 11 88	N_3N		[illegible]	11/8/88	1:30

WESTON

Custody Transfer Record/Lab Work Request

TEAD
NORTH AREA
8209-2877

Received By _____
Date _____
Assigned to _____

Client USATHAMA
Client Contact TULELE ARMY DEPOT, UTAH
Phone _____

RFW Contact [signature]
Date Due 10/15/87
Project Number 2281-05-09

(TEAD)

WELL #1

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	VOA	BNA	PEST/PCB	Explos	Nitrate	Metals	Hexane	Tr Be
001		(2) 40 ml Vials	VOA	16 Sep 87		X							
		(2) 1 l Amber	BNA				X						
		(2) " "	PEST/PCB					X					
		(2) " plastic	Metals + Na		w/HNO3						X		
		(2) 250 ml Amber	Explosives						X				
		(2) 1 l plastic	Al Fl Be										X
		(2) 1 l Amber	Thiodiglycol									X	
		(2) 1 l "	DAMP							X			
002		(1) VOA Trip Blank				X							

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions:

Explosives - USATHAMA QC
STD QC for everything else

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
			[illegible]	[illegible]					
		[signature]	9/17/87	[illegible]					

RFW 21-21-001/A-3/86

MF WESTERN EPM

Custody Transfer Record/Lab Work Request

Received By B Jones
Date 1-22-88
Assigned to

Client Upstream - TOOELE
Client Contact
Phone

RFW Contact
Date Due 2/19
Project Number 2281-05-09

8801-294

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	BR-	NO2 NO3	Add	Tot Mg	UR	Gross Alpha	Gross Beta	Dim	Thi Dig
001			W	1-21-88		✓	✓	✓	✓	✓	✓	✓	✓	✓

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: Special QC + del

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	fed ex	B Jones	1-22-88	9:30					

RFW 21-21-001/A-3/86

M.C WESTON EPM

Custody Transfer Record/Lab Work Request

Received By B Jones
Date 1-22-88
Assigned to

Client Upatham/Toolle
Client Contact
Phone

RFW Contact
Date Due 2/19
Project Number 3881-0509

8801-294

2 of 2

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	EXP	VOA	BNA	Metals	NA	CL	FLOR	SO4
001			W	1-21-88		✓	✓	✓	✓	✓	✓	✓	✓

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: ~~Dump~~ special oc-del

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	fed ex	B Jones	1-22-88	9:30					

RFW 21-21-001/A-3/86

Carter Mike Ext HCH5 H1 Alex

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible] Client [illegible] RFW Contact

Date 1/23/88 Client Contact Date Due 2/20/88

Assigned to Phone Project Number 2281-05-09

8801-316-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	PP							
001		DW-9-2	W	1/21/88		[illegible]							

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: subbed to Metatrace 1-27-88

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
[illegible]	Fed Ex	[illegible]	1/23	[illegible]					

RFW 21-21-001/A-3/86

White, Steph, Mike, Pat, Maria, Chang, Diane, Book

Custody Transfer Record/Lab Work Request

WESTON

WESTON Analytics Use Only
8811L471

Client: Uniroyal - TN
Work Order: 2281-05-09
Date Rec'd: 11/15/88 Date Due: 12/13/88
RFW Contact:
Client Contact/Phone:

WA Use Only Lab ID	Client ID/Description	Matrix	Date Collected	Refrigerated	#/Type Container	Volume	Preservative	ANALYSES REQUESTED: Metals			Original Final			
001	N-128-88-26	S	10/12/88								8810-072-001			
002	N-129-88-24	S	10/12/88								1	1	-002	
003	N-130-88-22	S	10/26/88								8810-198-001			
004	N-130-88-24	S	10/26/88								1	1	002	

Samples delayed per S. Epley 11/15/88
Sample #s 001 + 002 out of hold.

QC/Dup = Special

Matrix: S - Soil, SE - Sediment, SO - Solid, W - Water, O - Oil, A - Air, Wi - Wipe, DS - Drum Solids, DL - Drum Liquids, F - Fish, X - Other

Special Instructions: actual Date Received 10/19/88 10/26/88

Item/Reason	Relinquished by	Received by	Date	Time	Item/Reason	Relinquished by	Received by	Date	Time
Analysis		Margie	11/15/88	12pm					

WESTON Analytics Use Only

Samples Were:
1 Shipped or Hand-Delivered
NOTES:

2 Ambient or Chilled
NOTES:

3 Received Broken/Leaking (improperly Sealed) Y N
NOTES:

4 Properly Preserved Y N
NOTES:

5 Received Within Holding Times Y N
NOTES: 8810-072, 8810-198

COC Tape Was:
1 Present on Outer Package Y N
2 Unbroken on Outer Package Y N
3 Present on Sample Y N
4 Unbroken on Sample Y N
NOTES:

COC Record Was:
1 Present Upon Receipt of Samples Y N

Discrepancies Between Sample Labels and COC Record? Y N
NOTES:

7-115

RFW 21-21-001/A-7/88

Lew Vanderberg Denise Veil Carter Jeff gens Joe Jeff Ken web Jodi Nicky PM

PAGE 1 OF 2

WESTON

Custody Transfer Record/Lab Work Request

Received By B Jones
Date 2/25/88
Assigned to

Client TOOELE ARMY DEPOT
Client Contact MARY FINKELBERGER
Phone (801) 671-3921 - OFFICE
(801) 833-2701 - FIELD

RFW Contact DANE FOX
Date Due 7-MARCH 88
Project Number 2281-05-09-0030

8802-515

SAMPLE IDENTIFICATION — ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Cyanides	VOA	PP Metals	* Cool	BNA/Pest/PCB			
001	SS/DS-01-01 ✓	8026 16:15	S	23 FEB 88	COOL	✓	✓	✓	✓	✓			
002	SS/DS-01-02 ✓	9:20	S	24 FEB 88									
003	SS/DS-01-03 ✓	9:35	S	24 FEB 88									
004	SS/DS-02-01 ✓	9:45	S	24 FEB 88									
005	SS/DS-02-02 ✓	10:00	S										
006	SS/DS-02-03 ✓	10:00	S										
007	SS/DS-03-01 ✓	10:10	S										
008	SS/DS-03-02 ✓	10:30	S										
009	SS/DS-03-03 ✓	10:40	S										
010	SS/DS-04-01 ✓	10:10	S										
011	SS/DS-04-02 ✓	10:30	S										
012	SS/DS-04-03 ✓	10:40	S										
013	SS/DS-05-01 ✓	11:05	S										
014	SS/DS-05-02 ✓	11:15	S										
015	SS/DS-05-03 ✓	11:30	S										
016	SS/DS-06-01 ✓	12:10	S										
017	SS/DS-06-02 ✓	12:10	S										
018	SS/DS-06-03 ✓	12:20		24 FEB 88	COOL	✓	✓	✓	✓	✓			

Lab: Jodi Nicky PM Alert

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: *(CL FL Bromide) Sodium Sulfate NO_2 NO_3
Vestbrook Special QC + Lab ** 2,4,6 TNT, 2,6 DNT, 2,4 DNT, 1,3,5 TNB, 1,3 DNB, TETRYL, NB, HMX, RDX

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	B Jones	2/25/88	9:30	Metals	B Jones	R. Jodi	2/26/88	1600
BNA/PEST	[illegible]	[illegible]	2/26/88	930		R. Jodi	B Jones	2/26/88	1700
Hg	B Jones	[illegible]	2/26/88	930	Metals	B Jones	R. Jodi	3/1/88	1600
	[illegible]	B Jones	3/1/88	1500		R. Jodi	B Jones	3/1/88	1300
VOA	B Jones	[illegible]	3/1/88	1700		B Jones	A. Mouw	3/3/88	
	[illegible]	R. Jodi	3/1/88	1600		A. Mouw	B Jones	3/7/88	11:30
	[illegible]		3/1/88	2200					

RFW 2181001/A-3/86

WESTON

Custody Transfer Record/Lab Work Request

Received By B Jones
Date 2/25/88
Assigned to

Client Tooele Army Depot
Client Contact Mary Ellen Hefner
Phone (301) 671-3921 - office
(801) 833-2701 - field

RFW Contact Dave Pohl
Date Due 24 March 88
Project Number 2281-05-08-0030

8802-575

SAMPLE IDENTIFICATION / ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Ecro-sives	VOA	Metals	Wong	BNA/PCB			
019	SS/DS-07-01	BORE ✓ 14:10	S	24 Feb 88	Cool	✓	✓	✓	✓	✓			
020	SS/DS 07-02 ✓	14:20	S										
021	SS/DS-07-03 ✓	14:30	S										
022	SS/DS-08-01 ✓	15:10	S										
023	SS/DS-08-02 ✓	15:20	S										
024	SS/DS-08-03 ✓	15:30	S										
025	SS/DS-10	S-10 WELL ✓ 10:50	W		Cool/Metals Fixed	✓	✓	✓	✓	✓			
026	SS-DS-09	17:15	W		Cool		✓						

3-21-88 revision
CL, FL, Bromide
To be run-unsertified
method - can be done
here as per Lee Eng

Trip Blanks per Dave Pohl 11/2/88

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: NOTE: DATES ON SAMPLE JARS ARE INCORRECT - ONE DAY SHOULD BE ADDED TO THE DATES ON THE LABLES

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	Fed Ex	B Jones	2/25/88	9:30		J Weidner	B Jones	2/29/88	1500
BNA Pest Sol	[illegible]	B Roech	2/26/88	930	Metals	B Jones	R Toth	2/26/88	1600
BNA	B Jones	Vernon Snyder	2/29/88	9:00		R. Toth	B Jones	2/26/88	2400
NO_3/NO_2	B Jones	Kurt Leal	2/29/88	0910	Metals	B Jones	R. Toth	3/1/88	1600
Hg	B Jones	J Weidner	2/29/88	930		R. Toth	B Jones	3/1/88	2300
D. Expl. Water	B Jones	Daniel C. Heda	2/29/88	2:30		B Jones	Andy Brown	3/3/88	1100

RFW 21.21.001/A-3/86

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date 2/26/88
Assigned to

Client TOOELE ARMY DEPOT
Client Contact RON LARLATT
Phone 801-833-3504

RFW Contact DAVE PAUL
Date Due ~~[illegible]~~ 3/25/88
Project Number 2281-05-09

8802-589

SAMPLE IDENTIFICATION / ANALYSES REQUESTED

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Explosive	VOA	INORG	PTHC	BNA	[illegible]		
N-104-SS	✓011	N-1-88	39.5-41.0 ✓	SS	2-21-88	Cool	X	[illegible]	X					
	✓12	N-1-88	29.5-31.0 ✓		2-21-88									
N-102-SS	✓13	N-2-88	29.5-31.0 ✓		2-23-88									
	✓14	N-2-88	39.5-41.0 ✓		2-23-88									
N-103-SS	✓15	N-3-88	24.5-26.0 ✓		2-23-88									
	✓16	N-3-88	29.5-31.0 ✓		2-23-88									
	✓17	N-104-88	24.0-25.5 ✓		2-25-88									
	✓18	N-104-88	34.0-35.5 ✓		2-25-88				X					
	✓19	SS-DF-01-01		S	2-25-88			X	[illegible]	X	X			
	✓20	SS-DF-10		W	2-25-88		X	X	[illegible]	X	X	X		
	✓21	SS-DF-09	[illegible] ?	W	2-25-88			X						

DO NOT ANALYZE THESE FOR INORGANICS — EANDREWS

to be subbed

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: *(Cl-, Fl-, Bromide) Sodium, Sulfate, NO_2 NO_3 [illegible] TNB, 13DNA, TETRYL, NB, HMX, RDX.

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	[illegible]	[illegible]					

Visit Carter eff Joe Jeff Ken w lab George Denise Jodie TN
Mike
El
Lu
Dave

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible] Client TRAP CLEATHAMA RFW Contact Dave Pohl
Date 2/27/88 Client Contact [illegible] Date Due 3/28/88
Assigned to _____ Phone TOOLE Project Number 2281-05-09

8802-L02

SAMPLE IDENTIFICATION Tooele Army Depot 11 ★ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	VOA	VOC 8010	EPA	Pet HC	EPA Pest/Herb	EP Metals		
✓001	N-106-88-6	[illegible]	S	2-26-88	Tr cool 4C	✓	✓	✓					
✓002	N-106-88-9	[illegible]	S			✓	✓	✓					
✓003	N-104-88-5	245-260	S			✓	✓	✓					
✓004	N-105-88-2	[illegible]	S			✓	✓	✓					
✓005	N-107-88-6	[illegible]	S		40ml	✓	✓	✓					
✓006	N-105-88-4	[illegible]	S			✓	✓	✓					
✓007	N-107-88-8	[illegible]	S		40ml	✓	✓	✓					
✓008	SSDT-01	-02 (5pm)	S		2) 40ml	✓		✓	✓	✓			
✓009	SSDT-01	-03 (5:20pm)	S		2) 40ml	✓		✓	✓	✓			
✓010	SSDT-01	-04 (5:40pm)	S		2) 40ml	✓		✓	✓	✓			
✓011	SSD-17	DTCH	W					✓			✓		
✓012	SSDT-01	-05	W	[illegible]	[illegible] 40ml	✓							

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: ↑ (Time) ★ 246TNT, 26DNT, 24DNT, 135TNB 13DNB, TETRYL, NB, HMX, RDX

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Coolr/Ice	[illegible] 2/27/88					J Mackey	B Jones	3/3/88	5:15
	[illegible]	B Jones	2/27/88	9:30					
Aq oil	B Jones	[illegible]	3/2/88	11:00	VOA	B Jones	[illegible]	3/5/88	1200
	[illegible]	B Jones	3/2/88	6:00		Amy Mann	B Jones	3/7/88	11:30
9 soils 1 H_2O	B Jones	Glenda Mackey	3/3/88	2:15					

RFW 21-21-001/A-3/86

Vick Carter w/ Lab Jodie Gerry Diane Edles

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible] Client Tooele Army Depot RFW Contact Diane

Date ~~2-28-88~~ 3/1/88 Client Contact _____ Date Due 3/29/88

Assigned to _____ Phone _____ Project Number 2281-05-09 Mike

8803-618

SAMPLE IDENTIFICATION / ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative								
	~~N-107-88-6~~	~~4 Bottles~~	~~S~~	~~2-28-88~~		~~VOA~~	~~NO_2-NO_3~~	~~Explosives~~					
001	N-109-88-4	2 Bottles [illegible]	S	2-28-88		VOA	NO_2-NO_3	Explosives					
002	N-109-88-6	24.5 - [illegible]		2-28-88									
003	N-109-88-7	24.5 [illegible]		2-28-88									
004	N-109-88-7	24.5 - 26		2-28-88									
005	N-109-88-2	1.5 - 11.0		2-28-88									
006	N-109-88-5	24.5 - 26.0		2-28-88									
007	N-109-88-1	4.5 to 6		2-28-88									
008	N-109-88-3	14.5 - 16		2-28-88									
009	N-106-88-8	27 - 34 (from Cuttings)		2-27-88	822.0 - 1036.2	822 - 1036							
010	N-106-88-7	34.0 - 35.5		2-27-88	1036.2 - 1081.4	1036 - 1082							

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: → Use these special QC + det

Name/Reason	Relinquished By	Received By	Date	Time	Name/Reason	Relinquished By	Received By	Date	Time
	[illegible]								
	Fedex	BJones	3/1/88	8:30					

RFW 21-01-001/A-2/86

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date 3/31/88
Assigned to

Client [illegible]-TOOELE
Client Contact [illegible]
Phone [illegible]

RFW Contact [illegible]
Date Due 4/25/88
Project Number [illegible]

8803 913

SAMPLE IDENTIFICATION / **ANALYSES REQUESTED**

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VOA
005	[illegible]		[illegible]	S	[illegible]	[illegible]	✓	✓	✓	-	✓	✓	[illegible]	
						glass								
006	[illegible]		[illegible]		[illegible]	[illegible]	VOA							✓
						glass								
						[illegible]								

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: [illegible] Sulfate [illegible] Per Tech Plan

AIRBILL # 5472084730

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	[illegible]	[illegible]					

Les, Dianne, gcms, Carter, gt, Whab, Jodi, Ken, Roger, Geo, Denise, Vinh, Mike, PM, Dee Book.

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date 4/22/88
Assigned to

Client USATHAMA-TOOELE
Client Contact Mary Heppner
Phone (604) 634-3326

RFW Contact Bay Keshian
Date Due 5/20/88
Project Number 2281-05-09

8804-168.

SAMPLE IDENTIFICATION

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	BNA (0625P)	Inorganic **	Explos	[illegible]	[illegible]	Total metal	[illegible]	Vol (0624P)
001	N-112-88-34	✓	Soil Sample, 326-327	S	4-21-88	2, 300 ml Amber	✓	✓	✓	[illegible]	[illegible]	✓	[illegible]	
	N-112-88-34		Soil Sample, 326-327	S	4-21-88	2, 120 ml clear								✓
002	N-112-88-35	✓	Soil Sample, 328-329	S	4-21-88	2, 300 ml Amber	✓	✓	✓	[illegible]	[illegible]	✓	[illegible]	
	N-112-88-35		Soil Sample, 328-329	S	4-21-88	1, 200 ml clear								✓

Usathama Special QC/Del

** inorg - CL, FL, Bromide, SO4 by IC, Sodium, Na2 Na2

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
[illegible]

Special Instructions:

Cooled to 4°C. * Expl - 246TNT, 26DNT, 24DNT, 135TN, 13DNB, TETRYL, NB [illegible]

TN

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date [illegible]/4/88
Assigned to

Client USATHAMA - TOOELE
Client Contact Mary Hopper
Phone (602) 634-3326

RFW Contact Benj Keshina
Date Due 6-1-88
Project Number 2281-05-04

8805-276

SAMPLE IDENTIFICATION / ANALYSES REQUESTED

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	BNA	Inorganics	Expl.	[illegible]	Total metals	dissolv. metals	[illegible]	[illegible]
	N113 5540	✓	[illegible] Sample	S	5-2-88	2, 300 ml glass	✓	✓	✓	[illegible]	✓	[illegible]	[illegible]	
CO1	8840		[illegible] Sample	S	5-2-88	1, 500 ml glass								✓
CO2	8850		[illegible] Sample	S	[illegible] 05	2, 300 ml glass	✓	✓	✓	[illegible]	✓	[illegible]	[illegible]	
	8850	✓	[illegible] Sample	S	[illegible] 88	1, 500 ml glass								

Explosives - 246 TNT, 26 ANT, 24 ANT, [illegible] TNB, BANA, TETRYL, [illegible], [illegible], RDX

Inorganics - ICCL, FL, ICBR, [illegible], ICSO4, N3N2

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: Cooled to 4°C
Usathama Special QC/Sol.

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
		[illegible]	5/4/88	[illegible]					

[illegible] Dee, Denise, Wal-Ken Roger [illegible]

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date 5/7/88
Assigned to

Client USATHAMA-[illegible]
Client Contact Mary Heppner
Phone (601) 634-3326

RFW Contact Benj Keshian
Date Due 6-4-88
Project Number 2281-05-[illegible]

Dee

8805-321

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	BNA	[illegible]	[illegible]	Expl	Inpg	TSP	[illegible]	LOH
0014 N-114-88-3	✓	Soil ([illegible])	S	[illegible]	[illegible]	✓	[illegible]	—	✓	✓	✓	—	
N-114-88-3		Soil	S	[illegible]	[illegible]	✓	[illegible]	[illegible]	✓	✓	✓	[illegible]	
N-114-88-3		Soil	S	[illegible]	[illegible]								✓
N-114-88-3		at 25ft (perched clay zone)											
		** 246 TNT, 26 DNT, 24 DNT, 135 TNB, 12 DNA, TETRYL, NB, HMX, RDX											
					Usathama special [illegible]								

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: *CL, [illegible], Brom by IC chilled to 4°C
Flor [illegible], [illegible], N3N2 FL

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	[illegible]	[illegible]					
	[illegible]	[illegible]	5/7/88	[illegible]					

gems, Carter, pit, Webb, Ken, Roger, Joli, Vinh, Geo, Denise, Mike, PM, Dee
Leo, Diana
Book
Pat

WESTON

Custody Transfer Record/Lab Work Request

Received By: P. Berger
Date: 5/10/88
Assigned to:

Client: USATHAMA - TOOELE
Client Contact: MARY HEPPNER
Phone: (601) 634-3326

RFW Contact: Barry Rahman
Date Due: 6-7-88
Project Number: 2281-65-88

8805-327

0625P *

0624P

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	BNA	INAG	Pest	PCB	Chl	TBMT	TPH	VOA
			SAMPLE IDENTIFICATION				ANALYSES REQUESTED							
001	N-1H-88-3	—	Soil/Cuttings	S	88-5-9	300ml/Amber glass	✓	✓	✗	✗	✓	✓		
	N-1H-88-3		Soil/cuttings	S	88-5-9	"	✓	✓	✗	✗	✓	✓		
	N-1H-88-3		Soil/cuttings	S	88-5-9	500ml clear								✓
2	N-1H-88-33		Soil/cuttings	S	88-5-9	300ml/Amber glass	✓	✓	✗	✗	✓	✓		
	N-1H-88-33		Soil/cuttings	S	88-5-9	" "	✓	✓	✗	✗	✓	✓		
	N-1H-88-33		water	S	88-5-9	500ml clear								✓
3	N-1H-88-34		Water cuttings	S	88-5-9	300ml/Amber glass	✓	✓	✗	✗	✓	✓		
	N-1H-88-34		Water & cuttings	S	88-5-9	" "	✓	✓	✗	✗	✓	✓		
	N-1H-88-34		water	S	88-5-9	500ml clear								✓

All samples to be run as a soil - No more sample to be sampled please conserve. per Paul Dorr 5/11/88

* Inorganics - ICCL - ICBR, IC SO4, Fl, NO2 NO3, Sodium

** Explosives - 246TNT, 24DNT, 26DNT, 135TNB, 13DNB, TETRYL, NB, HMX, RDX.

Hoosthama Special QC/Nel

Bottle in ice @ 4°C

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	5/9/88	5:30					
	Roger	P. Berger	5/10/88	9:30 am					

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date 5-21-88
Assigned to

Client USATHAMA
Client Contact Mary Heppner
Phone (601) 634-3326

RFW Contact Bill Kirkin
Date Due 6-18-88
Project Number 2281-05-09

8805-417

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	BNA	MAS	Expl	Pest	PCB	Total	[illegible]	IRSL
013	N-115-SS-L	✓	Soil 88-52	S	88520	300 ml Amber (1)	✓	✓	✓		✓	✓		
[illegible]	N-115-SS-L		Soil	S	88520	" " " (1)	✓	✓	✓	✓	✓	✓	✓	
014	N115-SS-S	✓	Soil 88-52	S	88520	" " " (1)	✓	✓	✓	✓	✓	✓	✓	
[illegible]	N115-SS-S		Soil	S	88520	" " " (1)	✓	✓	✓			✓	✓	
										[illegible] 5/21/88	[illegible] 5/21/88		[illegible] 5/21/88	

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions:
AB 7-02-18/154

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	5/20/88	7:00					
	[illegible]	[illegible]	5/21/88	9:30					

Key Dixie et Carter gens wlt Ken Ed Jodi Vist Jerry Denise Nick Pat Dec-

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date 6-24-88
Assigned to

Client USATHAMA Tooele
Client Contact Mary Heppner
Phone (801) 634-3326

RFW Contact Berg Keshian
Date Due 7-27-88
Project Number 2281-05-09

Jack. Jerry

8806-847

SAMPLE IDENTIFICATION / ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	BNA	Inorg	Pest	Herb	Vol	Semi-vol	Total metals	VOA	EAP
U-117-SX-8		Soil	S	880627	300ml amber	✓	✓	—	—	—	—	—		✓
U-117-SX-8	001 ✓	Soil 10 ft	S	880627	300ml amber	✓	✓	—	—	—	✓	✓		✓
U-117-SX-8		Soil	S	880627	50ml clear								✓	
U-117-SX-11		Soil	S	880628	300ml amber	✓	✓	—	—	—	✓	✓		✓
U-117-SX-11	002 ✓	Soil 10 ft	S	880628	300ml amber	✓	✓	—	✓	—	✓	✓		✓
U-117-SX-11		Soil	S	880628	50ml clear								✓	

* INORGANICS — CL, BROM, SO4 by IC
FLOR, SODIUM, NO3 NO2

** Explosives 246TNT, 26DNT, 24DNT, 135TNB, 13DNB, TETRYL, NB, HMX, RDX

Upgraded Special QC + Del

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions: Cooled to ±4° - refrigerated before shipment.

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	6-28-88	6:00					
	fax								
	Fedex	[illegible]	6-29-88	9:30					

RFW 21 21 001/A 3/86

Eric, Darrell, Carter, Ken, Roger, Jim, Walt, Joe, Dennis, Mike, PM, Dee, Book

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date [illegible]
Assigned to

Client USATHAMA-TOOELE
Client Contact MARY HEPPNER
Phone (801) 634-3326

RFW Contact BURG KUSHIAN (505) 255-14
Date Due ~~[illegible]~~ 6/17/88
Project Number 2281-05-09

8805-436

SAMPLE IDENTIFICATION / ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	EXP	METALS	[illegible]					
✓001	V-121-88-01	Soil sampling 4.5-5.5	S	880517	GLASS-AMBER	✓	✓	✓	Unathama				
✓ 2	V-121-88-02	9.5-10.5	S	880517	GLASS-AMBER	✓	✓	✓	Spec	QC	Med		
✓ 3	V-121-88-03	14.5-15.5	S	880517	GLASS-AMBER	✓	✓	✓					
✓ 4	V-121-88-04	19.5-20.5	S	880517	GLASS-AMBER	✓	✓	✓					
✓ 5	V-121-88-[illegible]	24.5-25.5	S	880517	" "	✓	✓	✓	KB	[illegible]			
✓ 6	V-121-88-[illegible]	29.5-30.5	S	880517	" "	✓	✓	✓	2116	NT,	26	NT,	
✓ 7	V-121-88-[illegible]	39.5-40.5	S	880517	" "	✓	✓	✓	25	TNB,	13	DNB,	
✓ 8	V-121-88-08	49.5-50.5	S	880517	" "	✓	✓	✓	TETRYL,	NB,	HMX,		
✓ 9	V-122-88-01	4.5-5.5	S	880518	GLASS-AMBER	✓	✓	✓	RDX				
✓ 10	V-122-88-02	9.5-10.5	S	880518	" "	✓	✓	✓					
✓ 11	V-122-88-03	14.5-15.5	S	880518	" "	✓	✓	✓	**	Dragon	ECA		
✓ 12	V-122-88-04	19.5-20.5	S	880518	" "	✓	✓	✓					
✓ 13	V-122-88-05	24.5-25.5	S	880518	GLASS-AMBER	✓	✓	✓	Cl,	Bromide	304		
✓ 14	V-122-88-06	29.5-30.5	S	880518	" "	✓	✓	✓		by	TC		
✓ 15	V-122-88-07	39.5-40.5	S	880518	" "	✓	✓	✓	FL,	Hg,	Selenium		
✓ 16	V-122-88-08	49.5-50.5	S	880518	" "	✓	✓	✓					
✓ 17	V-123-88-01	4.5-5.5	S	880518	GLASS-AMBER	✓	✓	✓					
✓ 18	V-123-88-02	9.5-10.5	S	880518	" "	✓	✓	✓					
✓ 19	V-123-88-03	14.5-15.5	S	880518	" "	✓	✓	✓					
✓ 20	V-123-88-04	19.5-20.5	S	880518	GLASS-AMBER	✓	✓	✓					

Matrix:
S- Soil DS- Drum Solids
W- Water DL- Drum Liquids
O- Oil X- Other

Special Instructions:
AIR BILL #: 4029948985

~~* Call on Explosives~~
~~& Every - Emergency to Dee~~

~~[illegible]~~ ~~[illegible]~~ SULFAX

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	5/18/88	7:00					
	[illegible]	[illegible]	5/18/88	5:30					
	[illegible]	[illegible]	5/18/88	9:30 am					

WESTON

Custody Transfer Record/Lab Work Request

Received By [illegible]
Date [illegible]
Assigned to

Client USATHAMA
Client Contact [illegible]
Phone (601) 634-3326

RFW Contact Barry Kestigian
Date Due See bottom [illegible]
Project Number 2281-05-09

8805-4/3/6

SAMPLE IDENTIFICATION — ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	Sulfide	Nitrite	Nitrate*					
021	N-125-SB-05	Soil Sample, 14.5-15.5	S	8/8/5/18	Glass-Amber	✓	✓	✓					
22	N-125-SB-06	29.5-30.5	S	8/8/5/18	" "	✓	✓	✓					
23	N-125-SB-07	39.5-40.5	S	8/8/5/18	" "	✓	✓	✓					
24	N-125-SB-08	49.5-50.5	S	8/8/5/18	" "	✓	✓	✓					
25	N-124-SB-01	4.5-5.5	S	8/8/5/18	Glass-Amber	✓	✓	✓					
26	N-124-SB-02	9.5-10.5	S	8/8/5/18	" "	✓	✓	✓					
27	N-124-SB-03	14.5-15.5	S	8/8/5/18	" "	✓	✓						
28	N-124-SB-04	19.5-20.5	S	8/8/5/18	" "	✓	✓	✓					
29	N-124-SB-05	24.5-25.5	S	8/8/5/18	Glass-Amber	✓	✓	✓					
30	N-124-SB-06	29.5-30.5	S	8/8/5/18	" "	✓	✓	✓					
31	N-124-SB-07	39.5-40.5	S	8/8/5/18	" "	✓	✓	✓					
32	N-124-SB-08	49.5-50.5	S	8/8/5/18	" "	✓	✓	✓					

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions:
Inv # 3/1/11: 4023948965

* Inorganics include, NO_2, NO_3, & Sulfate.

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	5/4/18	8:30					
	[illegible]	[illegible]	5/5/18	9:30 pm					

Mike, J Chang, Am, Gloria, Ken, Ed, Steph, Art, gems, Sue, Terry, John, W. Sale, Doug, Book 865-255-1945

WESTON

Custody Transfer Record/Lab Work Request

8810-072

Received By Mary Heppner
Date 10/8/98
Assigned to

Client USATHAMA-Textile
Client Contact Mary Heppner
Phone 601/634-3326

RFW Contact Barry Kelsey
Date Due 11/16/98
Project Number 2281-05-9

Center Hill Lab

SAMPLE IDENTIFICATION

Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	8270	8081	8330	8015	8010	8260		DOD
A1-128-SS-24	001	Jackson Strength Firm Indianola Miss	S	88-10-12	3oz glass	✓	✓	✓	✓	✓	✓		
A1-128-SS-24			S	88-10-12	" "	✓	✓	✓	✓	✓	✓		
A1-129-SS-24	002		S	88-10-18	" "	✓	✓	✓	✓	✓	✓		
A1-129-SS-24			S	88-10-18	" "								✓
A1-129-SS-24			S	88-10-18	VOA								

Revision
11/15/98
NO3 NO2 pulsed
Batch #8811471

Revision
NO3 NO2 logged in together as NO3/NO2
10/28/98

QC/Del = Special

Explosives = 246TNT, 2,6 DNT, 2,4 DNT, BC TNB, 13 DNB, tetryl, NB, Hmx RDX

Special Instructions: metals P.P. = mapflow
VOA - BNA PP.

Matrix:
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	Falco	10/8/98	6:30	# Soils	[illegible]	[illegible]	10/8/98	4:00
	Ted K	Mary Jefferson	10/15/98	9:50 am	VOA			10/30/98	9:30
9/soil		M. Dobbs	10-21	7-	BNA		T Sayre		
9/soil	M. Lobo		10-21	5-	Strong	T Sayre			
4/cans		[illegible]	2:30	10-21-98	NO_3NO_2		[illegible]	11/9/98	11:3

TAMY, KEN, BOB, JOSEPH, LINDA, GEORGE, CARTER, GLINS, EXT., SUE, DUKE, VA, LEG, BOOK, DIANNE, MIKE, GLORIA, T. CHANG

WESTON

Custody Transfer Record/Lab Work Request

8810-198

Received By: [illegible]
Date: 10/26/98
Assigned to:

Client: USA THIOKOL - TN
Client Contact: Mary Hermann
Phone: (601) 634-3326

RFW Contact: Barry Keyton
Date Due: 10/26/98
Project Number: 2281-05-04

SAMPLE IDENTIFICATION / ANALYSES REQUESTED

	Sample No.	Client ID No.	Description	Matrix	Date Collected	Container/Preservative	DPNT	Fuel	BWA	Metals	Metals	Sulfate		UOA
001	U-130-SS-22		[illegible] Sample	S	8-26-10	3x32oz Amber	✓	✓	✓	✓	✓	✓		
	U-130-SS-22		[illegible] 22"	S	↓	"	✓	✓	✓	✓	✓	✓		
	U-131-SS-22		[illegible]	S		UOA								✓
002	U-130-SS-24		[illegible] Sample	S	8-26-10	3x32oz Amber	✓	✓	✓	✓	✓	✓		
	U-130-SS-24		[illegible] 22"	S	↓	"	✓	✓	✓	✓	✓	✓		
	U-130-SS-24		[illegible]	S	↓	UOA								✓

QC/DEL = SPECIAL

Matrix
S- Soil
W- Water
O- Oil
DS- Drum Solids
DL- Drum Liquids
X- Other

Special Instructions: SULFATE TO BE DONE BY IC
EXPL. = 2,4,6 TNT, 2,6 DNT, 2,4 DNT, 1,3,5 TNB, 1,3 DNB, TETRYL, NB, HMX, RDX

Name/Reason	Relinquished By	Received By	Date	Time	Name/Reason	Relinquished By	Received By	Date	Time
	U. McDonnell	Fedex	10-27-98	3:45pm					
	FedEx	[illegible]	10/28/98	9:30am					

Wade, Steph, Mike, PM, Gloria, Chang, Dianne, Book

WESTON

Custody Transfer Record/Lab Work Request

WESTON Analytics Use Only: 8811L471

Client: Upatherm - TN
Work Order: 2281-05-09
Date Rec'd: 11/15/88 Date Due: 12/13/88
RFW Contact:
Client Contact/Phone:

WA Use Only Lab ID	Client ID/Description	Matrix	Date Collected										
				Refrigerated									
				#/Type Container									
				Volume									
				Preservative									
				ANALYSES REQUESTED	Hold				Original FEB				
001	N-128-88-26	S	10/24/88						8810-002-001				
002	N-129-88-24	S	10/24/88						1	1	1	002	
003	N-130-88-22	S	10/24/88						8810-128-001				
004	N-130-88-24	S	10/24/88						1	1	002		

Samples delivered per Doug 11/15/88
Sample #s 001 + 002 out of hold.

QC/Del = Special

Matrix: S - Soil, SE - Sediment, SD - Solid, W - Water, O - Oil, A - Air, WI - Wipe, DS - Drum Solids, DL - Drum Liquids, F - Fish, X - Other

Special Instructions: actual Date Sampled 10/19/88 10/20/88

Items/Reason	Relinquished by	Received by	Date	Time	Items/Reason	Relinquished by	Received by	Date	Time
Reviewed		Doug	11/15/88	1200					

WESTON Analytics Use Only

Samples Were:
1 Shipped or Hand-Delivered
NOTES:

2 Ambient or Chilled
NOTES:

3 Received Broken/Leaking (Improperly Sealed)
Y N
NOTES:

4 Properly Preserved
Y N
NOTES:

5 Received Within Holding Times
Y N
NOTES: 8810-07 8810-0

COC Tape Was:
1 Present on Outer Package Y N
2 Unbroken on Outer Package Y N
3 Present on Sample Y N
4 Unbroken on Sample Y N
NOTES:

COC Seal Was:
1 Present Upon Receipt of Samples Y N

Discrepancies Between Sample Labels and COC Record? Y N
NOTES:

7-116

RFW 21-21-001/A-7/88

APPENDIX I

GEOPHYSICAL RESULTS

GEOPHYSICAL DATA FOR N-TEAD

TNT WASHOUT AREA

ELECTROMAGNETIC MEASUREMENTS ON FEBRUARY 12, 1988

COORDINATES NORTHING (FT.)	COORDINATES EASTING (FT.)	APPARENT CONDUCTIVITY HORIZONTAL COILS (MILLIMHO/METER)
0.00	0.00	14.0
-50.00	0.00	33.0
-100.00	0.00	32.0
-150.00	0.00	32.0
-200.00	0.00	32.0
-250.00	0.00	32.0
-300.00	0.00	36.0
-350.00	0.00	38.0
-350.00	50.00	34.0
-300.00	50.00	31.0
-250.00	50.00	32.0
-200.00	50.00	30.0
-150.00	50.00	36.0
-100.00	50.00	32.0
-50.00	50.00	33.0
0.00	50.00	24.0
0.00	100.00	29.0
-50.00	100.00	34.0
-100.00	100.00	30.0
-150.00	100.00	30.0
-200.00	100.00	31.0
-250.00	100.00	35.0
-300.00	100.00	33.0
-350.00	100.00	34.0
-500.00	150.00	34.0
-450.00	150.00	34.0
-400.00	150.00	30.0
-350.00	150.00	31.0
-300.00	150.00	34.0
-250.00	150.00	34.0
-200.00	150.00	34.0
-150.00	150.00	31.0
-100.00	150.00	36.0
-50.00	150.00	39.0
0.00	150.00	30.0
0.00	200.00	34.0
-50.00	200.00	36.0
-100.00	200.00	36.0
-150.00	200.00	32.0
-200.00	200.00	34.0
-250.00	200.00	42.0
-300.00	200.00	40.0
-350.00	200.00	33.0

-400.00	200.00	30.0
-450.00	200.00	36.0
-500.00	200.00	33.0
-500.00	250.00	34.0
-450.00	250.00	32.0
-400.00	250.00	34.0
-350.00	250.00	34.0
-300.00	250.00	44.0
-250.00	250.00	52.0
-200.00	250.00	36.0
-150.00	250.00	36.0
-100.00	250.00	36.0
-50.00	250.00	36.0
0.00	250.00	32.0
0.00	300.00	34.0
-50.00	300.00	40.0
-200.00	300.00	36.0
-250.00	300.00	31.0
-300.00	300.00	33.0
-350.00	300.00	30.0
-400.00	300.00	31.0
-450.00	300.00	34.0
-500.00	300.00	34.0
-500.00	350.00	34.0
-450.00	350.00	33.0
-400.00	350.00	34.0
-350.00	350.00	32.0
-300.00	350.00	31.0
-250.00	350.00	36.0
-250.00	400.00	36.0
-300.00	400.00	32.0
-350.00	400.00	36.0
-400.00	400.00	36.0
-450.00	400.00	36.0
-500.00	400.00	36.0
-550.00	400.00	36.0
-600.00	400.00	38.0
-650.00	400.00	34.0
-650.00	450.00	42.0
-600.00	450.00	36.0
-550.00	450.00	36.0
-500.00	450.00	34.0
-450.00	450.00	34.0
-400.00	450.00	28.0
-350.00	450.00	34.0
-300.00	450.00	34.0
-250.00	500.00	34.0
-300.00	500.00	38.0
-350.00	500.00	34.0
-400.00	500.00	34.0
-450.00	500.00	36.0
-500.00	500.00	36.0
-550.00	500.00	34.0
-600.00	500.00	40.0

-650.00	500.00	42.0
-650.00	550.00	36.0
-600.00	550.00	35.0
-550.00	550.00	40.0
-500.00	550.00	34.0
-450.00	550.00	36.0
-400.00	550.00	32.0
-350.00	550.00	36.0
-300.00	550.00	36.0
-250.00	550.00	38.0
-200.00	550.00	36.0
0.00	600.00	42.0
-50.00	600.00	40.0
-250.00	600.00	42.0
-350.00	600.00	36.0
-400.00	600.00	40.0
-450.00	600.00	40.0
-500.00	600.00	42.0
-550.00	600.00	36.0
-600.00	600.00	58.0
-650.00	600.00	30.0
-650.00	650.00	30.0
-600.00	650.00	40.0
-550.00	650.00	42.0
-500.00	650.00	52.0
-450.00	650.00	52.0
-400.00	650.00	40.0
-350.00	650.00	44.0
-100.00	650.00	42.0
-50.00	650.00	42.0
0.00	650.00	38.0
0.00	700.00	42.0
-50.00	700.00	44.0
-100.00	700.00	48.0
-150.00	700.00	42.0
-200.00	700.00	42.0
-250.00	700.00	46.0
-300.00	700.00	50.0
-350.00	700.00	40.0
-400.00	700.00	58.0
-450.00	700.00	58.0
-500.00	700.00	62.0
-550.00	700.00	56.0
-600.00	700.00	56.0
-650.00	700.00	54.0
-650.00	750.00	66.0
-600.00	750.00	50.0
-500.00	750.00	50.0
-450.00	750.00	58.0
-400.00	750.00	58.0
-350.00	750.00	52.0
-300.00	750.00	52.0
-250.00	750.00	50.0
-200.00	750.00	52.0

-150.00	750.00	48.0
-100.00	750.00	42.0
-50.00	750.00	44.0
0.00	750.00	46.0
0.00	800.00	42.0
-50.00	800.00	42.0
-100.00	800.00	48.0
-150.00	800.00	48.0
-200.00	800.00	52.0
-250.00	800.00	54.0
-300.00	800.00	52.0
-350.00	800.00	56.0
-400.00	800.00	64.0
-450.00	800.00	64.0
-500.00	800.00	68.0
-550.00	800.00	70.0
-600.00	800.00	62.0
-650.00	800.00	58.0
-400.00	850.00	60.0
-350.00	850.00	58.0
-300.00	850.00	50.0
-250.00	850.00	50.0
-200.00	850.00	50.0
-150.00	850.00	50.0
-100.00	850.00	46.0
-50.00	850.00	44.0
0.00	850.00	48.0

GEOPHYSICAL DATA FOR N-TEAD

TNT WASHOUT AREA

ELECTROMAGNETIC MEASUREMENTS ON JULY 8, 1988

COORDINATES		APPARENT CONDUCTIVITY	
NORTHING (FT.)	EASTING (FT.)	HORIZONTAL COILS (MILLIMHO/METER)	VERTICAL COILS (MILLIMHO/METER)
-900.00	450.00	67.3	79.9
-900.00	475.00	66.6	58.8
-900.00	500.00	68.2	70.3
-900.00	525.00	68.1	69.0
-900.00	550.00	70.6	60.1
-900.00	575.00	69.6	68.9
-900.00	600.00	72.5	63.1
-900.00	625.00	78.2	56.4
-900.00	650.00	81.0	60.5
-900.00	675.00	87.8	74.2
-900.00	700.00	87.0	75.8
-900.00	725.00	83.6	74.6
-900.00	750.00	81.9	53.2
-900.00	775.00	74.5	61.1
-900.00	800.00	70.8	70.5
-900.00	825.00	66.0	80.7
-900.00	850.00	65.2	77.0
-900.00	875.00	66.3	86.1
-900.00	900.00	69.4	87.5
-900.00	925.00	72.8	97.2
-900.00	950.00	77.1	74.3
-900.00	975.00	83.7	66.6
-900.00	1000.00	87.4	105.9
-900.00	1025.00	91.7	60.9
-900.00	1050.00	91.5	94.0
-900.00	1050.00	94.2	93.7
-875.00	450.00	68.6	69.5
-875.00	475.00	70.6	68.1
-875.00	500.00	71.8	64.1
-875.00	525.00	71.7	65.0
-875.00	550.00	70.6	57.4
-875.00	575.00	71.1	73.6
-875.00	600.00	73.2	65.3
-875.00	625.00	77.1	76.5
-875.00	650.00	80.6	48.1
-875.00	675.00	85.9	44.1
-875.00	700.00	88.2	42.9
-875.00	725.00	85.3	51.2
-875.00	750.00	81.8	54.2
-875.00	775.00	78.0	73.0
-875.00	800.00	72.7	72.8
-875.00	825.00	69.7	74.0
-875.00	850.00	67.3	79.2

-875.00	875.00	67.2	76.4
-875.00	900.00	68.8	88.5
-875.00	925.00	72.7	93.0
-875.00	950.00	77.9	78.2
-875.00	975.00	86.6	89.6
-875.00	1000.00	91.8	77.4
-875.00	1025.00	96.7	76.5
-875.00	1050.00	99.7	72.1
-850.00	450.00	69.8	68.0
-850.00	475.00	69.7	65.4
-850.00	500.00	68.9	61.2
-850.00	525.00	68.5	72.8
-850.00	550.00	69.5	59.7
-850.00	575.00	71.0	61.3
-850.00	600.00	73.6	60.1
-850.00	625.00	74.8	66.8
-850.00	650.00	76.0	58.5
-850.00	675.00	78.6	62.4
-850.00	700.00	80.5	58.9
-850.00	725.00	81.0	66.3
-850.00	750.00	81.4	76.4
-850.00	775.00	79.8	57.5
-850.00	800.00	76.5	63.8
-850.00	825.00	73.4	68.2
-850.00	850.00	68.3	69.9
-850.00	875.00	67.7	75.3
-850.00	900.00	68.6	85.6
-850.00	925.00	72.5	91.5
-850.00	950.00	0.0	77.0
-850.00	975.00	86.3	83.9
-850.00	1000.00	94.5	57.6
-850.00	1025.00	101.2	66.9
-850.00	1050.00	107.1	65.6
-825.00	450.00	71.7	71.4
-825.00	475.00	70.1	60.0
-825.00	500.00	70.2	66.4
-825.00	525.00	70.4	65.0
-825.00	550.00	69.3	58.9
-825.00	575.00	70.7	47.9
-825.00	600.00	68.5	65.1
-825.00	625.00	67.1	53.2
-825.00	650.00	67.1	56.1
-825.00	675.00	67.4	66.8
-825.00	700.00	68.9	69.7
-825.00	725.00	69.4	58.4
-825.00	750.00	76.4	59.6
-825.00	775.00	80.8	67.4
-825.00	800.00	82.5	68.2
-825.00	825.00	75.7	65.8
-825.00	850.00	70.9	79.7
-825.00	875.00	73.5	93.1
-825.00	900.00	75.1	68.6
-825.00	925.00	76.5	96.1
-825.00	950.00	82.7	77.3

-825.00	975.00	88.4	56.7
-825.00	1000.00	91.0	77.1
-825.00	1025.00	94.6	114.3
-825.00	1050.00	96.7	78.8
-800.00	450.00	70.3	60.4
-800.00	475.00	69.8	63.0
-800.00	500.00	69.9	52.1
-800.00	525.00	70.4	52.8
-800.00	550.00	71.1	51.7
-800.00	575.00	66.4	45.9
-800.00	600.00	63.8	44.4
-800.00	625.00	58.1	56.2
-800.00	650.00	55.5	67.9
-800.00	675.00	57.7	70.4
-800.00	700.00	61.6	73.8
-800.00	725.00	64.7	53.0
-800.00	750.00	71.9	54.6
-800.00	775.00	77.7	70.4
-800.00	800.00	80.4	70.1
-800.00	825.00	82.5	65.5
-800.00	850.00	77.1	67.9
-800.00	875.00	77.1	84.3
-800.00	900.00	80.0	92.5
-800.00	925.00	81.8	80.6
-800.00	950.00	84.5	79.6
-800.00	975.00	93.4	67.5
-800.00	1000.00	96.6	65.7
-800.00	1025.00	98.4	77.0
-800.00	1050.00	97.4	94.2
-775.00	450.00	68.9	45.8
-775.00	475.00	70.0	60.3
-775.00	500.00	70.9	44.3
-775.00	525.00	61.3	42.8
-775.00	550.00	57.5	58.5
-775.00	575.00	48.6	51.9
-775.00	600.00	44.2	52.3
-775.00	625.00	41.7	58.5
-775.00	650.00	41.2	62.4
-775.00	675.00	43.2	73.4
-775.00	700.00	50.3	66.7
-775.00	725.00	55.7	60.6
-775.00	750.00	62.5	54.3
-775.00	775.00	71.6	67.5
-775.00	800.00	79.0	83.1
-775.00	825.00	81.9	51.0
-775.00	850.00	87.7	79.2
-775.00	875.00	84.8	69.6
-775.00	900.00	81.6	63.4
-775.00	925.00	80.0	89.9
-775.00	950.00	74.5	94.5
-775.00	975.00	80.3	94.3
-775.00	1000.00	88.0	83.9
-775.00	1025.00	99.5	76.3
-775.00	1050.00	108.6	62.8

-750.00	450.00	62.6	52.8
-750.00	475.00	59.4	53.0
-750.00	500.00	53.1	47.9
-750.00	525.00	47.0	61.3
-750.00	550.00	40.3	63.2
-750.00	575.00	36.7	59.4
-750.00	600.00	34.9	53.2
-750.00	625.00	34.5	58.7
-750.00	650.00	36.6	59.1
-750.00	675.00	40.7	71.9
-750.00	700.00	46.0	77.0
-750.00	725.00	54.0	61.7
-750.00	750.00	65.1	43.0
-750.00	775.00	79.6	56.1
-750.00	800.00	89.1	82.8
-750.00	825.00	91.9	69.7
-750.00	850.00	92.2	61.8
-750.00	875.00	86.9	49.9
-750.00	900.00	77.6	82.3
-750.00	925.00	72.2	89.8
-750.00	950.00	66.6	96.2
-750.00	975.00	64.4	87.9
-750.00	1000.00	68.1	100.2
-750.00	1025.00	73.1	94.2
-750.00	1050.00	77.5	53.5
-725.00	450.00	52.9	54.5
-725.00	475.00	46.4	50.1
-725.00	500.00	40.5	56.3
-725.00	525.00	35.3	55.8
-725.00	550.00	33.8	59.6
-725.00	575.00	32.7	59.3
-725.00	600.00	32.3	54.0
-725.00	625.00	32.8	52.2
-725.00	650.00	35.8	53.8
-725.00	675.00	40.1	64.4
-725.00	700.00	47.6	68.7
-725.00	725.00	54.3	59.6
-725.00	750.00	65.1	59.0
-725.00	775.00	76.3	52.2
-725.00	800.00	87.9	48.1
-725.00	825.00	90.3	60.3
-725.00	850.00	87.6	67.8
-725.00	875.00	81.9	62.7
-725.00	900.00	71.7	74.2
-725.00	925.00	68.9	89.2
-725.00	950.00	66.1	82.2
-725.00	975.00	64.9	79.1
-725.00	1000.00	68.1	94.5
-725.00	1025.00	70.4	82.2
-725.00	1050.00	72.0	67.6
-700.00	450.00	51.8	49.9
-700.00	475.00	49.8	45.2
-700.00	500.00	45.5	46.1
-700.00	525.00	41.6	44.8

-700.00	550.00	38.6	50.4
-700.00	575.00	35.4	51.7
-700.00	600.00	35.1	56.6
-700.00	625.00	35.8	51.7
-700.00	650.00	36.5	56.3
-700.00	675.00	39.8	58.4
-700.00	700.00	44.7	70.8
-700.00	725.00	50.8	76.8
-700.00	750.00	58.2	63.7
-700.00	775.00	64.1	45.9
-700.00	800.00	69.6	66.6
-700.00	825.00	69.5	70.2
-700.00	850.00	68.5	77.0
-700.00	875.00	67.1	81.5
-700.00	900.00	66.1	67.7
-700.00	925.00	63.8	76.1
-700.00	950.00	65.0	83.1
-700.00	975.00	65.8	81.6
-700.00	1000.00	71.3	82.9
-700.00	1025.00	75.7	89.1
-700.00	1050.00	79.7	65.8
-675.00	850.00	63.9	89.5
-675.00	875.00	60.1	94.8
-675.00	900.00	58.3	69.9
-675.00	925.00	59.4	79.3
-675.00	950.00	64.0	80.6
-675.00	975.00	65.3	83.7
-675.00	1000.00	69.0	81.2
-675.00	1025.00	75.8	75.8
-675.00	1050.00	79.9	76.7
-650.00	850.00	50.7	99.6
-650.00	875.00	24.7	86.5
-650.00	900.00	42.2	96.1
-650.00	925.00	19.5	99.4
-650.00	950.00	56.9	79.6
-650.00	975.00	63.6	82.8
-650.00	1000.00	65.4	86.3
-650.00	1025.00	69.2	93.7
-650.00	1050.00	75.9	73.0
-625.00	950.00	69.6	94.1
-625.00	975.00	64.4	78.6
-625.00	1000.00	66.7	84.3
-625.00	1025.00	72.0	75.8
-625.00	1050.00	78.3	65.1
-600.00	925.00	34.3	99.4
-600.00	950.00	63.3	95.8
-600.00	975.00	63.5	78.8
-600.00	1000.00	65.5	74.7
-600.00	1025.00	70.4	87.4
-600.00	1050.00	76.7	71.3
-575.00	850.00	61.2	84.1
-575.00	875.00	66.4	86.4
-575.00	900.00	63.6	96.6
-575.00	925.00	69.7	95.1

-575.00	950.00	68.0	85.0
-575.00	975.00	65.7	70.0
-575.00	1000.00	69.4	94.7
-575.00	1025.00	71.2	88.9
-575.00	1050.00	71.7	90.7
-550.00	850.00	69.6	73.0
-550.00	875.00	68.8	73.0
-550.00	900.00	73.5	96.3
-550.00	925.00	70.8	87.3
-550.00	950.00	75.6	74.7
-550.00	975.00	71.5	61.6
-550.00	1000.00	71.0	78.3
-550.00	1025.00	72.4	84.0
-550.00	1050.00	71.8	80.7
-525.00	850.00	72.9	71.3
-525.00	875.00	74.1	77.0
-525.00	900.00	75.8	73.9
-525.00	925.00	79.3	77.1
-525.00	950.00	77.4	65.2
-525.00	975.00	74.1	66.1
-525.00	1000.00	71.5	71.3
-525.00	1025.00	70.4	84.6
-525.00	1050.00	72.5	87.9
-500.00	850.00	73.7	69.3
-500.00	875.00	78.1	72.8
-500.00	900.00	77.0	78.2
-500.00	925.00	78.4	79.1
-500.00	950.00	78.1	67.1
-500.00	975.00	75.9	62.6
-500.00	1000.00	72.4	62.3
-500.00	1025.00	69.7	71.1
-500.00	1050.00	68.2	95.1
-475.00	850.00	67.0	63.8
-475.00	875.00	72.3	64.8
-475.00	900.00	74.7	71.8
-475.00	925.00	77.9	57.2
-475.00	950.00	78.0	54.9
-475.00	975.00	73.8	62.7
-475.00	1000.00	72.1	81.4
-475.00	1025.00	64.7	80.2
-475.00	1050.00	61.7	95.8
-450.00	850.00	58.9	62.7
-450.00	875.00	62.2	60.0
-450.00	900.00	66.7	65.0
-450.00	925.00	68.0	66.8
-450.00	950.00	68.1	73.6
-450.00	975.00	65.0	72.6
-450.00	1000.00	63.7	67.6
-450.00	1025.00	61.3	81.6
-450.00	1050.00	60.5	81.6→

GEOPHYSICAL DATA FOR N-TEAD

SANITARY LANDFILL

ELECTROMAGNETIC MEASUREMENTS ON FEBRUARY 19, 1988

COORDINATES NORTHING (FT.)	COORDINATES EASTING (FT.)	APPARENT CONDUCTIVITY HORIZONTAL COILS (MILLIMHO/METER)
-50.00	-150.00	8.6
-50.00	-200.00	8.6
-50.00	-250.00	10.0
-50.00	-300.00	12.0
-50.00	-350.00	9.0
-50.00	-400.00	6.4
-50.00	-450.00	18.0
-50.00	-500.00	10.0
-150.00	-1050.00	7.7
-150.00	-1000.00	8.4
-150.00	-950.00	8.3
-150.00	-900.00	7.6
-150.00	-850.00	6.4
-150.00	-800.00	5.4
-150.00	-750.00	12.0
-150.00	-700.00	6.5
-150.00	-650.00	10.0
-150.00	-600.00	8.2
-150.00	-550.00	11.0
-150.00	-500.00	46.0
-150.00	-450.00	19.0
-150.00	-400.00	10.0
-150.00	-350.00	9.0
-150.00	-300.00	8.7
-150.00	-250.00	14.0
-150.00	-200.00	13.0
-150.00	-150.00	9.0
-150.00	-100.00	8.0
-150.00	-50.00	9.0
-150.00	0.00	9.0
-250.00	0.00	9.0
-250.00	-50.00	9.7
-250.00	-100.00	10.0
-250.00	-150.00	10.0
-250.00	-200.00	11.0
-250.00	-250.00	12.0
-250.00	-300.00	10.0
-250.00	-350.00	10.0
-250.00	-400.00	9.0
-250.00	-450.00	9.0
-250.00	-500.00	14.0

-250.00	-550.00	300.0
-250.00	-600.00	10.0
-250.00	-650.00	8.0
-250.00	-700.00	6.3
-250.00	-750.00	6.3
-250.00	-800.00	8.2
-250.00	-850.00	4.8
-250.00	-900.00	300.0
-250.00	-950.00	6.0
-250.00	-1000.00	7.0
-250.00	-1050.00	6.8
-250.00	-1100.00	6.7
-350.00	-1150.00	5.8
-350.00	-1100.00	5.9
-350.00	-1050.00	6.5
-350.00	-1000.00	5.6
-350.00	-950.00	6.8
-350.00	-900.00	3.2
-350.00	-850.00	2.2
-350.00	-800.00	8.6
-350.00	-750.00	8.2
-350.00	-700.00	5.5
-350.00	-650.00	1.2
-350.00	-600.00	300.0
-350.00	-550.00	6.2
-350.00	-500.00	7.2
-350.00	-450.00	9.2
-350.00	-400.00	16.0
-350.00	-350.00	8.0
-350.00	-300.00	7.8
-350.00	-250.00	8.0
-350.00	-200.00	8.8
-350.00	-150.00	8.4
-350.00	-100.00	9.3
-350.00	-50.00	7.4
-350.00	0.00	7.0
-450.00	0.00	4.6
-450.00	-50.00	4.5
-450.00	-100.00	5.3
-450.00	-150.00	6.0
-450.00	-200.00	6.8
-450.00	-250.00	5.8
-450.00	-300.00	5.4
-450.00	-350.00	5.8
-450.00	-400.00	5.5
-450.00	-450.00	6.3
-450.00	-500.00	5.6
-450.00	-550.00	6.6
-450.00	-600.00	7.5
-450.00	-650.00	44.0
-450.00	-700.00	22.0
-450.00	-750.00	7.4
-450.00	-800.00	5.5
-450.00	-850.00	5.4

-450.00	-900.00	6.0
-450.00	-950.00	5.3
-450.00	-1000.00	5.2
-450.00	-1050.00	5.0
-450.00	-1100.00	5.0
-450.00	-1150.00	5.9
-450.00	-1200.00	5.8
-550.00	-1250.00	6.0
-550.00	-1200.00	6.4
-550.00	-1150.00	7.0
-550.00	-1100.00	6.0
-550.00	-1050.00	6.0
-550.00	-1000.00	7.0
-550.00	-950.00	300.0
-550.00	-900.00	6.8
-550.00	-850.00	6.6
-550.00	-800.00	6.4
-550.00	-750.00	300.0
-550.00	-700.00	12.0
-550.00	-650.00	10.0
-550.00	-600.00	5.2
-550.00	-550.00	5.2
-550.00	-500.00	4.4
-550.00	-450.00	4.2
-550.00	-400.00	4.2
-550.00	-350.00	4.6
-550.00	-300.00	4.0
-550.00	-250.00	4.8
-550.00	-200.00	4.0
-550.00	-150.00	3.8
-550.00	-100.00	3.6
-550.00	-50.00	3.3
-550.00	0.00	2.8
-650.00	0.00	3.0
-650.00	-50.00	2.7
-650.00	-100.00	2.9
-650.00	-150.00	2.7
-650.00	-200.00	3.0
-650.00	-250.00	3.0
-650.00	-300.00	3.0
-650.00	-350.00	3.0
-650.00	-400.00	3.4
-650.00	-450.00	3.2
-650.00	-500.00	3.2
-650.00	-550.00	4.6
-650.00	-600.00	4.3
-650.00	-650.00	4.5
-650.00	-700.00	18.0
-650.00	-750.00	4.7
-650.00	-800.00	300.0
-650.00	-850.00	300.0
-650.00	-900.00	5.2
-650.00	-950.00	2.2
-650.00	-1000.00	5.2

-650.00	-1050.00	5.8
-650.00	-1100.00	6.7
-650.00	-1150.00	5.6
-650.00	-1200.00	5.2
-650.00	-1250.00	6.0
-650.00	-1300.00	6.3
-750.00	-1350.00	7.3
-750.00	-1300.00	6.4
-750.00	-1250.00	6.0
-750.00	-1200.00	4.6
-750.00	-1150.00	5.4
-750.00	-1100.00	300.0
-750.00	-1050.00	1.8
-750.00	-1000.00	4.4
-750.00	-950.00	5.4
-750.00	-900.00	8.2
-750.00	-850.00	300.0
-750.00	-800.00	6.6
-750.00	-750.00	300.0
-750.00	-700.00	4.2
-750.00	-650.00	3.6
-750.00	-600.00	3.4
-750.00	-550.00	3.6
-750.00	-500.00	3.4
-750.00	-450.00	3.4
-750.00	-400.00	3.4
-750.00	-350.00	2.7
-750.00	-300.00	2.6
-750.00	-250.00	2.7
-750.00	-200.00	2.6
-750.00	-150.00	3.0
-750.00	-100.00	2.7
-750.00	-50.00	2.6
-750.00	0.00	2.8
-850.00	0.00	3.0
-850.00	-50.00	2.9
-850.00	-100.00	3.1
-850.00	-150.00	3.1
-850.00	-200.00	3.3
-850.00	-250.00	2.8
-850.00	-300.00	2.9
-850.00	-350.00	3.3
-850.00	-400.00	3.4
-850.00	-450.00	3.8
-850.00	-500.00	3.8
-850.00	-550.00	3.9
-850.00	-600.00	3.6
-850.00	-650.00	4.0
-850.00	-700.00	3.8
-850.00	-750.00	4.0
-850.00	-800.00	300.0
-850.00	-850.00	17.0
-850.00	-900.00	300.0
-850.00	-950.00	27.5

-850.00	-1000.00	5.4
-850.00	-1050.00	4.0
-850.00	-1100.00	6.3
-850.00	-1150.00	13.5
-850.00	-1200.00	3.7
-850.00	-1250.00	5.4
-850.00	-1300.00	9.2
-850.00	-1350.00	17.5
-950.00	-1050.00	5.8
-950.00	-1000.00	300.0
-950.00	-950.00	13.5
-950.00	-900.00	5.4
-950.00	-850.00	4.8
-950.00	-800.00	4.2
-950.00	-750.00	4.5
-950.00	-700.00	4.3
-950.00	-650.00	4.1
-950.00	-600.00	4.8
-950.00	-550.00	4.2
-950.00	-500.00	4.0
-950.00	-450.00	3.9
-950.00	-400.00	3.8
-950.00	-350.00	3.3
-950.00	-300.00	3.6
-950.00	-250.00	3.7
-950.00	-200.00	3.8
-950.00	-150.00	3.8
-950.00	-100.00	3.8
-950.00	-50.00	3.7
-950.00	0.00	3.6→

GEOPHYSICAL DATA FOR N-TEAD

SANITARY LANDFILL

ELECTROMAGNETIC MEASUREMENTS ON JULY 7, 1988

COORDINATES		APPARENT CONDUCTIVITY	
NORTHING (FT.)	EASTING (FT.)	HORIZONTAL COILS (MILLIMHO/METER)	VERTICAL COILS (MILLIMHO/METER)
-1250.00	-1300.00	33.8	48.9
-1250.00	-1275.00	31.0	49.6
-1250.00	-1250.00	28.9	43.8
-1250.00	-1225.00	27.2	40.4
-1250.00	-1200.00	26.7	38.4
-1250.00	-1175.00	25.4	35.4
-1250.00	-1150.00	25.0	33.0
-1250.00	-1125.00	24.7	37.5
-1250.00	-1100.00	25.4	35.7
-1250.00	-1075.00	24.9	32.7
-1250.00	-1050.00	23.3	28.3
-1250.00	-1025.00	22.9	29.0
-1250.00	-1000.00	22.6	24.0
-1250.00	-975.00	23.1	26.4
-1250.00	-950.00	23.3	25.8
-1250.00	-925.00	23.1	25.4
-1250.00	-900.00	23.9	26.7
-1250.00	-875.00	25.1	27.4
-1250.00	-850.00	26.5	27.6
-1250.00	-825.00	26.5	28.5
-1250.00	-800.00	27.1	29.2
-1250.00	-775.00	27.9	32.0
-1250.00	-750.00	28.1	42.2
-1225.00	-775.00	32.2	64.1
-1225.00	-800.00	23.7	29.2
-1225.00	-825.00	22.8	23.7
-1225.00	-850.00	20.9	20.9
-1225.00	-875.00	19.6	20.9
-1225.00	-900.00	19.5	20.2
-1225.00	-925.00	20.4	20.9
-1225.00	-950.00	20.7	20.8
-1225.00	-975.00	20.7	21.4
-1225.00	-1000.00	20.7	22.5
-1225.00	-1025.00	22.0	25.8
-1225.00	-1050.00	25.1	25.5
-1225.00	-1075.00	25.8	30.7
-1225.00	-1100.00	25.6	32.9
-1225.00	-1125.00	25.7	33.5
-1225.00	-1150.00	25.3	34.6
-1225.00	-1175.00	27.1	33.9
-1225.00	-1200.00	29.2	37.7

-1225.00	-1225.00	32.0	41.1
-1225.00	-1250.00	33.6	44.4
-1225.00	-1275.00	36.2	49.7
-1225.00	-1300.00	38.2	55.3
-1200.00	-1300.00	40.8	58.5
-1200.00	-1275.00	37.6	46.6
-1200.00	-1250.00	36.2	41.6
-1200.00	-1225.00	33.2	32.9
-1200.00	-1200.00	28.7	35.7
-1200.00	-1175.00	25.8	32.4
-1200.00	-1150.00	26.3	32.1
-1200.00	-1125.00	29.4	32.0
-1200.00	-1100.00	31.3	27.9
-1200.00	-1075.00	27.4	27.3
-1200.00	-1050.00	24.4	17.1
-1200.00	-1025.00	20.0	19.1
-1200.00	-1000.00	16.9	19.7
-1200.00	-975.00	14.6	19.5
-1200.00	-950.00	13.5	20.6
-1200.00	-925.00	14.3	20.5
-1200.00	-900.00	15.1	19.7
-1200.00	-875.00	14.2	20.6
-1200.00	-850.00	14.1	24.4
-1200.00	-825.00	14.3	41.9
-1175.00	-875.00	13.1	30.0
-1175.00	-900.00	14.0	19.6
-1175.00	-925.00	13.5	17.8
-1175.00	-950.00	13.4	17.5
-1175.00	-975.00	13.3	17.0
-1175.00	-1000.00	13.5	17.6
-1175.00	-1025.00	14.4	20.3
-1175.00	-1050.00	17.2	18.4
-1175.00	-1075.00	24.1	17.8
-1175.00	-1100.00	27.7	18.7
-1175.00	-1125.00	28.4	25.8
-1175.00	-1150.00	25.9	28.4
-1175.00	-1175.00	25.2	26.7
-1175.00	-1200.00	25.8	30.3
-1175.00	-1225.00	25.7	37.4
-1175.00	-1250.00	28.4	42.5
-1175.00	-1275.00	33.2	43.2
-1175.00	-1300.00	38.8	52.8
-1150.00	-1300.00	34.4	41.5
-1150.00	-1275.00	28.7	40.5
-1150.00	-1250.00	25.4	35.0
-1150.00	-1225.00	25.0	28.1
-1150.00	-1200.00	24.5	24.4
-1150.00	-1175.00	23.1	22.1
-1150.00	-1150.00	23.2	21.0
-1150.00	-1125.00	21.8	18.0
-1150.00	-1100.00	19.2	14.8
-1150.00	-1075.00	14.6	18.1
-1150.00	-1050.00	12.8	3460.0
-1150.00	-1025.00	12.4	16.5

-1150.00	-1000.00	11.9	15.7
-1150.00	-975.00	12.2	16.5
-1150.00	-950.00	12.5	17.3
-1150.00	-925.00	12.4	22.2
-1150.00	-900.00	19.6	52.3
-1125.00	-950.00	15.8	39.8
-1125.00	-975.00	12.0	18.6
-1125.00	-1000.00	11.5	16.2
-1125.00	-1025.00	11.8	15.8
-1125.00	-1050.00	11.9	15.5
-1125.00	-1075.00	12.0	16.2
-1125.00	-1100.00	13.1	45.3
-1125.00	-1125.00	17.1	21.6
-1125.00	-1150.00	20.2	13.2
-1125.00	-1175.00	20.5	17.1
-1125.00	-1200.00	19.6	20.8
-1125.00	-1225.00	20.8	21.2
-1125.00	-1250.00	22.5	26.0
-1125.00	-1275.00	26.2	32.7
-1125.00	-1300.00	30.2	34.1
-1100.00	-1300.00	26.7	33.1
-1100.00	-1275.00	22.6	24.2
-1100.00	-1250.00	19.2	21.9
-1100.00	-1225.00	16.6	19.2
-1100.00	-1200.00	15.7	17.7
-1100.00	-1175.00	14.3	14.7
-1100.00	-1150.00	12.5	15.4
-1100.00	-1125.00	11.9	12.0
-1100.00	-1100.00	10.9	15.0
-1100.00	-1075.00	11.3	14.9
-1100.00	-1050.00	11.3	14.6
-1100.00	-1025.00	11.8	17.3
-1100.00	-1000.00	11.3	25.7
-1100.00	-975.00	19.9	64.7
-1075.00	-1025.00	9.4	55.9
-1075.00	-1050.00	10.6	20.4
-1075.00	-1075.00	5.5	-50.0
-1075.00	-1100.00	12.2	16.3
-1075.00	-1125.00	10.8	15.2
-1075.00	-1150.00	10.4	14.2
-1075.00	-1175.00	11.3	14.3
-1075.00	-1200.00	12.3	14.4
-1075.00	-1225.00	14.4	17.6
-1075.00	-1250.00	18.0	17.0
-1075.00	-1275.00	20.7	17.2
-1075.00	-1300.00	22.6	27.7
-1050.00	-1300.00	19.0	15.6
-1050.00	-1275.00	16.2	15.4
-1050.00	-1250.00	12.8	15.9
-1050.00	-1225.00	11.7	14.7
-1050.00	-1200.00	11.1	14.1
-1050.00	-1175.00	10.5	13.9
-1050.00	-1150.00	-4.1	40.0
-1050.00	-1125.00	0.9	25.5

-1050.00	-1100.00	11.7	24.8
-1050.00	-1075.00	12.7	27.9
-1025.00	-1100.00	28.4	62.3
-1025.00	-1125.00	11.5	19.9
-1025.00	-1150.00	10.6	15.2
-1025.00	-1175.00	11.2	14.8
-1025.00	-1200.00	10.9	13.7
-1025.00	-1225.00	10.8	13.8
-1025.00	-1250.00	10.6	14.5
-1025.00	-1275.00	10.8	3200.0
-1025.00	-1300.00	12.3	16.8
-1000.00	-1300.00	11.5	15.3
-1000.00	-1275.00	10.9	14.1
-1000.00	-1250.00	10.6	13.5
-1000.00	-1225.00	10.1	13.4
-1000.00	-1200.00	10.0	13.8
-1000.00	-1175.00	10.3	15.3
-1000.00	-1150.00	10.9	29.3
-975.00	-1175.00	19.8	90.7
-975.00	-1200.00	9.7	21.3
-975.00	-1225.00	10.3	14.5
-975.00	-1250.00	10.0	13.6
-975.00	-1275.00	10.0	13.7
-975.00	-1300.00	10.2	14.0
-950.00	-1300.00	10.8	13.3
-950.00	-1275.00	10.0	14.2
-950.00	-1250.00	10.1	18.4
-950.00	-1225.00	11.4	46.7
-925.00	-1275.00	15.6	41.3
-925.00	-1300.00	10.7	17.5
-900.00	-650.00	3.7	5.2
-900.00	-675.00	3.9	5.1
-900.00	-700.00	3.8	5.1
-900.00	-725.00	4.0	5.4
-900.00	-750.00	4.1	5.0
-900.00	-775.00	3.7	5.2
-900.00	-800.00	4.2	4.7
-900.00	-825.00	4.5	6.1
-900.00	-850.00	2.8	11.7
-900.00	-875.00	2.7	-0.6
-900.00	-900.00	4.1	-8.6
-900.00	-925.00	6.0	1.7
-900.00	-950.00	4.9	-6.7
-900.00	-975.00	5.7	25.1
-900.00	-1000.00	4.4	8.5
-900.00	-1025.00	4.5	7.0
-900.00	-1050.00	4.8	6.9
-900.00	-1075.00	5.0	7.1
-900.00	-1100.00	5.5	2.4
-900.00	-1125.00	6.7	6.9
-900.00	-1150.00	5.5	4.2
-900.00	-1175.00	5.8	960.0
-900.00	-1200.00	5.6	8.6
-900.00	-1225.00	5.2	10.6

-900.00	-1250.00	5.9	20.3
-900.00	-1275.00	-3.0	74.5
-925.00	-1225.00	-4.0	56.6
-925.00	-1200.00	4.1	18.5
-925.00	-1175.00	4.1	11.4
-925.00	-1150.00	2.4	11.7
-925.00	-1125.00	5.2	6.9
-925.00	-1100.00	4.7	6.0
-925.00	-1075.00	5.1	5.5
-925.00	-1050.00	4.7	6.8
-925.00	-1025.00	5.6	4.4
-925.00	-1000.00	6.6	10.9
-925.00	-975.00	4.8	-14.8
-925.00	-950.00	2.6	27.6
-925.00	-925.00	5.1	8.9
-925.00	-900.00	4.0	8.9
-925.00	-875.00	2.5	8.5
-925.00	-850.00	4.6	6.3
-925.00	-825.00	4.5	5.5
-925.00	-800.00	4.1	5.3
-925.00	-775.00	4.0	5.1
-925.00	-750.00	4.3	5.1
-925.00	-725.00	4.3	5.3
-925.00	-700.00	4.3	5.1
-925.00	-675.00	4.3	5.2
-925.00	-650.00	4.1	5.6
-950.00	-650.00	4.8	6.2
-950.00	-675.00	4.4	5.1
-950.00	-700.00	4.6	5.7
-950.00	-725.00	4.9	6.0
-950.00	-750.00	4.7	6.0
-950.00	-775.00	4.9	5.7
-950.00	-800.00	5.3	6.7
-950.00	-825.00	5.2	6.4
-950.00	-850.00	5.3	7.1
-950.00	-875.00	5.5	6.4
-950.00	-900.00	5.5	6.3
-950.00	-925.00	5.9	4.9
-950.00	-950.00	7.4	16.6
-950.00	-975.00	3.7 -18.9	
-950.00	-1000.00	8.1 -14.7	
-950.00	-1025.00	6.5	10.7
-950.00	-1050.00	6.2	6.9
-950.00	-1075.00	5.9	8.8
-950.00	-1100.00	4.2	10.3
-950.00	-1125.00	6.0	11.4
-950.00	-1150.00	6.5	12.1
-950.00	-1175.00	5.4	33.4
-975.00	-1125.00	8.6	3.6
-975.00	-1100.00	5.8	11.2
-975.00	-1075.00	8.2	10.1
-975.00	-1050.00	7.7	9.9
-975.00	-1025.00	17.0	4.3
-975.00	-1000.00	9.8-160.0	

-975.00	-975.00	7.9	16.0
-975.00	-950.00	4.9	16.2
-975.00	-925.00	6.1	8.7
-975.00	-900.00	6.2	8.1
-975.00	-875.00	5.9	7.8
-975.00	-850.00	6.2	7.6
-975.00	-825.00	6.7	7.7
-975.00	-800.00	6.2	8.1
-975.00	-775.00	5.9	7.3
-975.00	-750.00	5.8	7.2
-975.00	-725.00	5.8	7.3
-975.00	-700.00	5.6	7.0
-975.00	-675.00	5.8	7.2
-975.00	-650.00	6.0	6.9
-1000.00	-650.00	6.3	9.5
-1000.00	-675.00	8.0	10.1
-1000.00	-700.00	8.3	10.3
-1000.00	-725.00	8.1	9.3
-1000.00	-750.00	8.3	9.9
-1000.00	-775.00	8.0	9.4
-1000.00	-800.00	8.3	14.1
-1000.00	-825.00	12.4	14.3
-1000.00	-850.00	12.5	13.9
-1000.00	-875.00	12.3	14.9
-1000.00	-900.00	12.0	13.9
-1000.00	-925.00	12.3	13.6
-1000.00	-950.00	11.7	13.9
-1000.00	-975.00	11.9	14.1
-1000.00	-1000.00	11.9	22.6
-1000.00	-1025.00	10.2	5.0
-1000.00	-1050.00	8.9	23.9
-1000.00	-1075.00	11.7	21.7
-1000.00	-1100.00	22.2	56.6
-1025.00	-1050.00	10.3	34.5
-1025.00	-1025.00	12.0	28.7
-1025.00	-1000.00	12.3	16.8
-1025.00	-975.00	12.0	15.5
-1025.00	-950.00	12.1	14.1
-1025.00	-925.00	12.0	13.8
-1025.00	-900.00	12.0	13.3
-1025.00	-875.00	11.8	13.8
-1025.00	-850.00	11.4	13.2
-1025.00	-825.00	11.7	13.3
-1025.00	-800.00	11.1	12.9
-1025.00	-775.00	10.9	12.2
-1025.00	-750.00	11.1	12.3
-1025.00	-725.00	11.0	11.8
-1025.00	-700.00	10.8	11.9
-1025.00	-675.00	10.5	12.2
-1025.00	-650.00	10.8	12.1
-1050.00	-650.00	11.3	12.0
-1050.00	-675.00	11.1	12.6
-1050.00	-700.00	10.8	12.8
-1050.00	-725.00	10.7	13.2

-1050.00	-750.00	10.8	12.3
-1050.00	-775.00	11.4	13.0
-1050.00	-800.00	11.2	13.4
-1050.00	-825.00	10.9	13.1
-1050.00	-850.00	11.1	13.4
-1050.00	-875.00	11.3	13.8
-1050.00	-900.00	11.9	13.7
-1050.00	-925.00	11.8	14.7
-1050.00	-950.00	11.2	15.2
-1050.00	-975.00	11.5	17.4
-1050.00	-1000.00	11.6	23.9
-1075.00	-975.00	9.0	56.0
-1075.00	-950.00	11.8	21.2
-1075.00	-925.00	11.4	15.9
-1075.00	-900.00	11.3	13.9
-1075.00	-875.00	11.2	13.6
-1075.00	-850.00	11.1	13.2
-1075.00	-825.00	11.2	12.8
-1075.00	-800.00	10.5	12.9
-1075.00	-775.00	10.6	12.2
-1075.00	-750.00	10.7	11.7
-1075.00	-725.00	10.2	12.3
-1075.00	-700.00	10.3	11.5
-1075.00	-675.00	10.1	11.9
-1075.00	-650.00	9.9	11.5
-1100.00	-650.00	10.1	11.9
-1100.00	-675.00	9.9	11.8
-1100.00	-700.00	10.2	12.1
-1100.00	-725.00	10.5	12.4
-1100.00	-750.00	10.5	12.0
-1100.00	-775.00	10.9	13.2
-1100.00	-800.00	9.9	13.1
-1100.00	-825.00	11.0	13.3
-1100.00	-850.00	10.6	13.5
-1100.00	-875.00	10.9	14.7
-1100.00	-900.00	11.0	16.7
-1100.00	-925.00	10.9	26.8
-1125.00	-900.00	31.6	70.1
-1125.00	-875.00	11.2	22.0
-1125.00	-850.00	11.7	16.5
-1125.00	-825.00	11.1	14.0
-1125.00	-800.00	11.3	13.5
-1125.00	-775.00	10.5	13.3
-1125.00	-750.00	10.6	12.7
-1125.00	-725.00	10.8	13.1
-1125.00	-700.00	10.6	12.8
-1125.00	-675.00	11.0	12.4
-1125.00	-650.00	10.5	12.4
-1150.00	-650.00	10.7	13.9
-1150.00	-675.00	11.4	13.9
-1150.00	-700.00	11.2	12.8
-1150.00	-725.00	11.2	13.1
-1150.00	-750.00	11.3	13.8
-1150.00	-775.00	11.1	14.7

-1150.00	-800.00	11.9	15.4
-1150.00	-825.00	11.5	18.9
-1150.00	-850.00	11.7	35.0
-1175.00	-800.00	11.9	28.7
-1175.00	-775.00	11.2	18.3
-1175.00	-750.00	11.9	16.5
-1175.00	-725.00	11.2	15.2
-1175.00	-700.00	11.2	14.6
-1175.00	-675.00	11.5	13.9
-1175.00	-650.00	11.7	14.7
-1200.00	-650.00	8.5	13.8
-1200.00	-675.00	8.4	14.8
-1200.00	-700.00	6.7	14.7
-1200.00	-725.00	7.0	13.2
-1200.00	-750.00	7.7	20.4
-1225.00	-725.00	18.5	40.3
-1225.00	-700.00	18.2	16.8
-1225.00	-675.00	17.6	16.1
-1225.00	-650.00	17.4	13.0
-1250.00	-650.00	20.8	26.8
-1250.00	-675.00	21.4	39.2

GEOPHYSICAL DATA FOR N-TEAD

SANITARY LANDFILL

MAGNETIC MEASUREMENTS ON FEBRUARY 19, 1988

COORDINATES NORTHING (FT.)	EASTING (FT.)	TOTAL FIELD INTENSITY (GAMMAS)
0.00	-250.00	54108.4
0.00	-300.00	53998.0
0.00	-350.00	55504.0
0.00	-400.00	54138.6
0.00	-450.00	54066.3
0.00	-500.00	54008.1
-50.00	-500.00	54084.8
-50.00	-450.00	54093.2
-50.00	-400.00	54316.0
-50.00	-350.00	53061.0
-50.00	-300.00	55344.0
-50.00	-250.00	54072.3
-50.00	-200.00	53977.1
-50.00	-150.00	53972.6
-100.00	-150.00	54035.6
-100.00	-200.00	54065.2
-100.00	-250.00	53865.5
-100.00	-300.00	53989.6
-100.00	-350.00	54006.0
-100.00	-400.00	54070.9
-100.00	-450.00	54037.8
-100.00	-500.00	54132.3
-150.00	-1050.00	54086.9
-150.00	-1000.00	54095.2
-150.00	-950.00	54083.2
-150.00	-900.00	54035.2
-150.00	-850.00	54060.8
-150.00	-800.00	54248.0
-150.00	-750.00	54145.2
-150.00	-700.00	54151.4
-150.00	-650.00	54087.9
-150.00	-600.00	54124.1
-150.00	-550.00	54087.2
-150.00	-500.00	54089.8
-150.00	-450.00	54007.7
-150.00	-400.00	54085.3
-150.00	-350.00	54061.1
-150.00	-300.00	53724.0
-150.00	-250.00	54625.2
-150.00	-200.00	54928.2
-150.00	-150.00	53987.4
-150.00	-100.00	54064.4

-150.00	-50.00	54067.7
-150.00	0.00	54079.4
-200.00	0.00	54078.5
-200.00	-50.00	54076.6
-200.00	-100.00	54058.3
-200.00	-150.00	54047.0
-200.00	-200.00	54027.4
-200.00	-250.00	54787.0
-200.00	-300.00	54055.5
-200.00	-350.00	54046.3
-200.00	-400.00	54113.9
-200.00	-450.00	54141.2
-200.00	-500.00	54077.2
-200.00	-550.00	54047.4
-200.00	-600.00	54072.7
-200.00	-650.00	53962.2
-200.00	-700.00	54111.3
-200.00	-750.00	54075.7
-200.00	-800.00	53911.8
-200.00	-850.00	54019.1
-200.00	-900.00	54049.7
-200.00	-950.00	54586.0
-200.00	-1000.00	54081.0
-200.00	-1050.00	54083.3
-200.00	-1100.00	54084.8
-250.00	-1100.00	54085.9
-250.00	-1050.00	54089.2
-250.00	-1000.00	54168.1
-250.00	-950.00	54254.2
-250.00	-900.00	53712.8
-250.00	-850.00	54122.5
-250.00	-800.00	54277.6
-250.00	-750.00	54092.3
-250.00	-700.00	54190.2
-250.00	-650.00	53982.8
-250.00	-600.00	54091.1
-250.00	-550.00	54069.0
-250.00	-500.00	54106.9
-250.00	-450.00	54042.2
-250.00	-400.00	54018.1
-250.00	-350.00	53990.9
-250.00	-300.00	54042.5
-250.00	-250.00	53970.8
-250.00	-200.00	54055.0
-250.00	-150.00	54070.1
-250.00	-100.00	54076.5
-250.00	-50.00	54082.7
-250.00	0.00	54083.7
-300.00	0.00	54085.8
-300.00	-50.00	54085.7
-300.00	-100.00	54083.8
-300.00	-150.00	54080.2
-300.00	-200.00	54072.9
-300.00	-250.00	53999.9

-300.00	-300.00	54016.0
-300.00	-350.00	54083.0
-300.00	-400.00	54054.6
-300.00	-450.00	53959.7
-300.00	-500.00	54057.3
-300.00	-550.00	54051.9
-300.00	-600.00	54142.1
-300.00	-650.00	54012.8
-300.00	-700.00	54074.0
-300.00	-750.00	54142.3
-300.00	-800.00	53977.6
-300.00	-850.00	54110.1
-300.00	-900.00	53998.7
-300.00	-950.00	54145.5
-300.00	-1000.00	54224.7
-300.00	-1050.00	54104.9
-300.00	-1100.00	54084.2
-300.00	-1150.00	54082.9
-350.00	-1150.00	54082.2
-350.00	-1100.00	54083.7
-350.00	-1050.00	54164.5
-350.00	-1000.00	54172.3
-350.00	-950.00	54046.6
-350.00	-900.00	54024.2
-350.00	-850.00	54412.2
-350.00	-800.00	54008.9
-350.00	-750.00	54044.2
-350.00	-700.00	53906.6
-350.00	-650.00	54073.2
-350.00	-600.00	54080.3
-350.00	-550.00	54121.6
-350.00	-500.00	54112.2
-350.00	-450.00	54079.6
-350.00	-400.00	52064.0
-350.00	-350.00	54063.3
-350.00	-300.00	54064.9
-350.00	-250.00	54068.8
-350.00	-200.00	54074.9
-350.00	-150.00	54078.3
-350.00	-100.00	54080.1
-350.00	-50.00	54080.4
-350.00	0.00	54079.4
-400.00	0.00	54079.7
-400.00	-50.00	54076.6
-400.00	-100.00	54076.3
-400.00	-150.00	54077.7
-400.00	-200.00	54075.2
-400.00	-250.00	54073.9
-400.00	-300.00	54066.1
-400.00	-350.00	54028.1
-400.00	-400.00	53928.8
-400.00	-450.00	55110.0
-400.00	-500.00	54034.8
-400.00	-550.00	54023.7

-400.00	-600.00	54060.0
-400.00	-650.00	54058.1
-400.00	-700.00	54073.1
-400.00	-750.00	54070.3
-400.00	-800.00	54076.3
-400.00	-850.00	54268.8
-400.00	-900.00	54156.6
-400.00	-950.00	54115.0
-400.00	-1000.00	54004.0
-400.00	-1050.00	54037.9
-400.00	-1100.00	54087.8
-400.00	-1150.00	54070.4
-400.00	-1200.00	54071.2
-450.00	-1200.00	54070.3
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-450.00	-1050.00	54167.3
-450.00	-1000.00	54009.7
-450.00	-950.00	54003.2
-450.00	-900.00	54368.0
-450.00	-850.00	54174.1
-450.00	-800.00	54056.4
-450.00	-750.00	54010.0
-450.00	-700.00	54083.8
-450.00	-650.00	53966.3
-450.00	-600.00	54116.4
-450.00	-550.00	54436.0
-450.00	-500.00	54075.5
-450.00	-450.00	54095.9
-450.00	-400.00	54050.0
-450.00	-350.00	54052.6
-450.00	-300.00	54063.5
-450.00	-250.00	54066.6
-450.00	-200.00	54120.8
-450.00	-150.00	54122.9
-450.00	-100.00	54111.9
-450.00	-50.00	54087.2
-450.00	0.00	54071.0
-500.00	0.00	54072.4
-500.00	-50.00	54071.6
-500.00	-100.00	54071.8
-500.00	-150.00	54073.0
-500.00	-200.00	54069.7
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-500.00	-350.00	54065.2
-500.00	-400.00	54066.6
-500.00	-450.00	54068.1
-500.00	-500.00	54070.0
-500.00	-550.00	54060.5
-500.00	-600.00	54010.0
-500.00	-650.00	53949.7
-500.00	-700.00	54103.2
-500.00	-750.00	54084.9

-500.00	-800.00	54007.7
-500.00	-850.00	54152.3
-500.00	-900.00	54028.0
-500.00	-950.00	54187.7
-500.00	-1000.00	54069.4
-500.00	-1050.00	54172.2
-500.00	-1100.00	54042.8
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-550.00	-1250.00	54063.7
-550.00	-1200.00	54064.4
-550.00	-1150.00	54302.0
-550.00	-1100.00	54043.3
-550.00	-1050.00	54023.4
-550.00	-1000.00	54021.3
-550.00	-950.00	53921.9
-550.00	-900.00	54042.8
-550.00	-850.00	53943.2
-550.00	-800.00	54057.0
-550.00	-750.00	54031.4
-550.00	-700.00	54063.4
-550.00	-650.00	53722.0
-550.00	-600.00	54012.2
-550.00	-550.00	54067.5
-550.00	-500.00	54072.7
-550.00	-450.00	54074.1
-550.00	-400.00	54072.7
-550.00	-350.00	54071.9
-550.00	-300.00	54070.0
-550.00	-250.00	54068.4
-550.00	-200.00	54070.1
-550.00	-150.00	54160.6
-550.00	-100.00	54063.6
-550.00	-50.00	54098.3
-550.00	0.00	54069.6
-600.00	0.00	54074.6
-600.00	-50.00	54074.8
-600.00	-100.00	54074.6
-600.00	-150.00	54073.3
-600.00	-200.00	54073.1
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-600.00	-300.00	54072.6
-600.00	-350.00	54078.5
-600.00	-400.00	54083.6
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-600.00	-500.00	54074.5
-600.00	-550.00	54069.4
-600.00	-600.00	54014.1
-600.00	-650.00	53921.9
-600.00	-700.00	54106.3
-600.00	-750.00	54047.0
-600.00	-800.00	53954.1
-600.00	-850.00	54038.7

-600.00	-900.00	54051.3
-600.00	-950.00	54206.5
-600.00	-1000.00	54254.1
-600.00	-1050.00	54097.9
-600.00	-1100.00	54094.1
-600.00	-1150.00	54141.4
-600.00	-1200.00	54135.3
-600.00	-1250.00	54068.1
-600.00	-1300.00	54068.9
-650.00	-1300.00	54070.0
-650.00	-1250.00	54076.7
-650.00	-1200.00	54043.1
-650.00	-1150.00	54075.4
-650.00	-1100.00	54089.1
-650.00	-1050.00	54223.1
-650.00	-1000.00	54022.6
-650.00	-950.00	53989.3
-650.00	-900.00	54006.5
-650.00	-850.00	55445.0
-650.00	-800.00	54081.5
-650.00	-750.00	54281.6
-650.00	-700.00	55220.0
-650.00	-650.00	53959.1
-650.00	-600.00	54058.0
-650.00	-550.00	54074.7
-650.00	-500.00	54078.8
-650.00	-450.00	54077.4
-650.00	-400.00	54080.3
-650.00	-350.00	54079.1
-650.00	-300.00	54042.3
-650.00	-250.00	54077.4
-650.00	-200.00	54077.3
-650.00	-150.00	54079.0
-650.00	-100.00	54080.8
-650.00	-50.00	54081.5
-650.00	0.00	54086.3
-700.00	0.00	54085.2
-700.00	-50.00	54083.8
-700.00	-100.00	54083.4
-700.00	-150.00	54089.7
-700.00	-200.00	54107.8
-700.00	-250.00	54081.2
-700.00	-300.00	54080.8
-700.00	-350.00	54083.0
-700.00	-400.00	54083.7
-700.00	-450.00	54083.9
-700.00	-500.00	54082.5
-700.00	-550.00	54081.4
-700.00	-600.00	54072.2
-700.00	-650.00	54052.7
-700.00	-700.00	54003.9
-700.00	-750.00	54292.6
-700.00	-800.00	54032.9
-700.00	-850.00	54030.7

-700.00	-900.00	54114.6
-700.00	-950.00	54051.1
-700.00	-1000.00	54052.4
-700.00	-1050.00	53478.0
-700.00	-1100.00	54242.2
-700.00	-1150.00	53992.2
-700.00	-1200.00	54096.8
-700.00	-1250.00	54088.9
-700.00	-1300.00	54073.6
-700.00	-1350.00	54070.9
-750.00	-1350.00	54071.1
-750.00	-1300.00	54070.8
-750.00	-1250.00	54071.5
-750.00	-1200.00	54143.7
-750.00	-1150.00	54103.3
-750.00	-1100.00	55350.0
-750.00	-1050.00	54073.6
-750.00	-1000.00	54114.3
-750.00	-950.00	54038.6
-750.00	-900.00	54036.0
-750.00	-850.00	54050.7
-750.00	-800.00	54433.1
-750.00	-750.00	53763.0
-750.00	-700.00	54038.6
-750.00	-650.00	54072.2
-750.00	-600.00	54078.3
-750.00	-550.00	54081.9
-750.00	-500.00	54084.0
-750.00	-450.00	54085.6
-750.00	-400.00	54086.6
-750.00	-350.00	54085.5
-750.00	-300.00	54084.4
-750.00	-250.00	54084.2
-750.00	-200.00	54084.6
-750.00	-150.00	54084.5
-750.00	-100.00	54086.3
-750.00	-50.00	54086.4
-750.00	0.00	54086.7
-800.00	-1400.00	54065.6
-800.00	-1350.00	54073.5
-800.00	-1300.00	54075.7
-800.00	-1250.00	54101.1
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-800.00	-1150.00	54129.1
-800.00	-1100.00	53844.6
-800.00	-1050.00	53969.6
-800.00	-1000.00	53985.0
-800.00	-950.00	54030.3
-800.00	-900.00	53898.4
-800.00	-850.00	54096.6
-800.00	-800.00	53865.3
-800.00	-750.00	54037.2
-800.00	-700.00	54066.3
-800.00	-650.00	54075.4

-800.00	-600.00	54079.7
-800.00	-550.00	54082.5
-800.00	-500.00	54084.9
-800.00	-450.00	54116.0
-800.00	-400.00	54085.5
-800.00	-350.00	54086.6
-800.00	-300.00	54086.1
-800.00	-250.00	54085.7
-800.00	-200.00	54085.3
-800.00	-150.00	54086.3
-800.00	-100.00	54086.6
-800.00	-50.00	54086.4
-800.00	0.00	54089.3
-850.00	0.00	54090.8
-850.00	-50.00	54090.3
-850.00	-100.00	54090.5
-850.00	-150.00	54090.5
-850.00	-200.00	54090.6
-850.00	-250.00	54089.1
-850.00	-300.00	54088.9
-850.00	-350.00	54088.8
-850.00	-400.00	54088.6
-850.00	-450.00	54087.9
-850.00	-500.00	54086.4
-850.00	-550.00	54083.8
-850.00	-600.00	54082.6
-850.00	-650.00	54081.1
-850.00	-700.00	54078.8
-850.00	-750.00	54074.4
-850.00	-800.00	53934.4
-850.00	-850.00	54205.0
-850.00	-900.00	51616.0
-850.00	-950.00	54702.4
-850.00	-1000.00	54213.5
-850.00	-1050.00	54086.7
-850.00	-1100.00	54058.0
-850.00	-1150.00	55534.0
-850.00	-1200.00	54183.0
-850.00	-1250.00	54202.7
-850.00	-1300.00	54074.3
-850.00	-1350.00	54048.9
-900.00	-1250.00	54213.6
-900.00	-1200.00	54015.4
-900.00	-1150.00	53955.1
-900.00	-1100.00	54031.2
-900.00	-1050.00	54073.9
-900.00	-1000.00	54151.6
-900.00	-950.00	56291.0
-900.00	-900.00	54879.0
-900.00	-850.00	52791.0
-900.00	-800.00	54047.6
-900.00	-750.00	54082.1
-900.00	-700.00	54085.0
-900.00	-650.00	54085.1

-900.00	-600.00	54086.0
-900.00	-550.00	54087.8
-900.00	-500.00	54090.3
-900.00	-450.00	54090.6
-900.00	-400.00	54092.1
-900.00	-350.00	54091.8
-900.00	-300.00	54093.1
-900.00	-250.00	54094.0
-900.00	-200.00	54094.4
-900.00	-150.00	54094.9
-900.00	-100.00	54094.5
-900.00	-50.00	54095.5
-900.00	0.00	54093.9
-950.00	0.00	54099.6
-950.00	-50.00	54095.6
-950.00	-100.00	54095.5
-950.00	-150.00	54095.0
-950.00	-200.00	54096.8
-950.00	-250.00	54094.8
-950.00	-300.00	54092.5
-950.00	-350.00	54093.1
-950.00	-400.00	54092.3
-950.00	-450.00	54091.9
-950.00	-500.00	54090.1
-950.00	-550.00	54088.0
-950.00	-600.00	54086.8
-950.00	-650.00	54085.8
-950.00	-700.00	54084.5
-950.00	-750.00	54079.9
-950.00	-800.00	54062.0
-950.00	-850.00	53978.6
-950.00	-900.00	54093.1
-950.00	-950.00	54301.0
-950.00	-1000.00	54083.5
-950.00	-1050.00	54012.3

GEOPHYSICAL DATA FOR N-TEAD

SANITARY LANDFILL

MAGNETIC MEASUREMENTS ON JULY 6, 1988

COORDINATES NORTHING (FT.)	EASTING (FT.)	TOTAL FIELD INTENSITY (GAMMAS)
-1250.00	-1300.00	54099.4
-1250.00	-1275.00	54089.3
-1250.00	-1250.00	54091.5
-1250.00	-1225.00	54086.0
-1250.00	-1200.00	54091.3
-1250.00	-1175.00	54084.8
-1250.00	-1150.00	54085.0
-1250.00	-1125.00	54083.4
-1250.00	-1100.00	54095.0
-1250.00	-1075.00	54086.1
-1250.00	-1050.00	54091.9
-1250.00	-1025.00	54089.3
-1250.00	-1000.00	54085.4
-1250.00	-975.00	54089.8
-1250.00	-950.00	54086.4
-1250.00	-925.00	54093.0
-1250.00	-900.00	54090.6
-1250.00	-875.00	54089.3
-1250.00	-850.00	54092.8
-1250.00	-825.00	54090.1
-1250.00	-800.00	54087.0
-1250.00	-775.00	54095.8
-1250.00	-750.00	54092.0
-1250.00	-725.00	54074.3
-1225.00	-750.00	54247.4
-1225.00	-775.00	54080.6
-1225.00	-800.00	54087.0
-1225.00	-825.00	54094.4
-1225.00	-850.00	54100.4
-1225.00	-875.00	54100.1
-1225.00	-900.00	54096.4
-1225.00	-925.00	54098.7
-1225.00	-950.00	54096.9
-1225.00	-975.00	54101.7
-1225.00	-1000.00	54097.4
-1225.00	-1025.00	54096.2
-1225.00	-1050.00	54085.6
-1225.00	-1075.00	54100.3
-1225.00	-1100.00	54092.7
-1225.00	-1125.00	54093.8
-1225.00	-1150.00	54087.4
-1225.00	-1175.00	54104.1
-1225.00	-1200.00	54096.6

-1225.00	-1225.00	54091.9
-1225.00	-1250.00	54098.1
-1225.00	-1275.00	54095.2
-1225.00	-1300.00	54094.9
-1200.00	-1300.00	54090.9
-1200.00	-1275.00	54087.0
-1200.00	-1250.00	54092.8
-1200.00	-1225.00	54094.5
-1200.00	-1200.00	54094.3
-1200.00	-1175.00	54085.3
-1200.00	-1150.00	54092.4
-1200.00	-1125.00	54085.9
-1200.00	-1100.00	54089.2
-1200.00	-1075.00	54094.0
-1200.00	-1050.00	54096.0
-1200.00	-1025.00	54099.2
-1200.00	-1000.00	54094.0
-1200.00	-975.00	54101.5
-1200.00	-950.00	54089.8
-1200.00	-925.00	54095.6
-1200.00	-900.00	54091.8
-1200.00	-875.00	54106.8
-1200.00	-850.00	54097.0
-1200.00	-825.00	54082.5
-1200.00	-800.00	54107.1
-1175.00	-850.00	54056.9
-1175.00	-875.00	54089.2
-1175.00	-900.00	54091.4
-1175.00	-925.00	54088.4
-1175.00	-950.00	54093.6
-1175.00	-975.00	54097.8
-1175.00	-1000.00	54098.8
-1175.00	-1025.00	54097.3
-1175.00	-1050.00	54079.2
-1175.00	-1075.00	54096.6
-1175.00	-1100.00	54094.1
-1175.00	-1125.00	54100.0
-1175.00	-1150.00	54098.8
-1175.00	-1175.00	54105.9
-1175.00	-1200.00	54101.6
-1175.00	-1225.00	54099.2
-1175.00	-1250.00	54100.9
-1175.00	-1275.00	54100.4
-1175.00	-1300.00	54100.5
-1150.00	-1300.00	54098.2
-1150.00	-1275.00	54101.0
-1150.00	-1250.00	54098.2
-1150.00	-1225.00	54106.3
-1150.00	-1200.00	54113.2
-1150.00	-1175.00	54095.9
-1150.00	-1150.00	54100.1
-1150.00	-1125.00	54090.8
-1150.00	-1100.00	54092.6
-1150.00	-1075.00	54089.8

-1150.00	-1050.00	54088.2
-1150.00	-1025.00	54091.7
-1150.00	-1000.00	54092.9
-1150.00	-975.00	54093.8
-1150.00	-950.00	54094.4
-1150.00	-925.00	54087.7
-1150.00	-900.00	54089.3
-1125.00	-925.00	54139.9
-1125.00	-950.00	54077.1
-1125.00	-975.00	54080.6
-1125.00	-1000.00	54087.3
-1125.00	-1025.00	54080.2
-1125.00	-1050.00	54077.2
-1125.00	-1075.00	54070.3
-1125.00	-1100.00	54010.0
-1125.00	-1125.00	54114.7
-1125.00	-1150.00	54101.2
-1125.00	-1175.00	54093.5
-1125.00	-1200.00	54103.3
-1125.00	-1225.00	54111.2
-1125.00	-1250.00	54115.6
-1125.00	-1275.00	54094.0
-1125.00	-1300.00	54095.1
-1100.00	-1300.00	54091.3
-1100.00	-1275.00	54106.8
-1100.00	-1250.00	54109.3
-1100.00	-1225.00	54098.8
-1100.00	-1200.00	54083.9
-1100.00	-1175.00	54096.7
-1100.00	-1150.00	54118.2
-1100.00	-1125.00	54165.9
-1100.00	-1100.00	54077.6
-1100.00	-1075.00	54061.7
-1100.00	-1050.00	53991.5
-1100.00	-1025.00	54096.3
-1100.00	-1000.00	54064.2
-1100.00	-975.00	54062.9
-1075.00	-1000.00	54111.1
-1075.00	-1025.00	54054.5
-1075.00	-1050.00	53928.8
-1075.00	-1075.00	53999.7
-1075.00	-1100.00	55873.3
-1075.00	-1125.00	54145.5
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-1075.00	-1175.00	54053.6
-1075.00	-1200.00	54093.5
-1075.00	-1225.00	54087.1
-1075.00	-1250.00	54084.6
-1075.00	-1275.00	54093.4
-1075.00	-1300.00	54087.3
-251.00	-1300.00	54077.1
-1050.00	-1300.00	54088.0
-1050.00	-1275.00	54092.9
-1050.00	-1250.00	54087.8

-1050.00	-1225.00	54092.1
-1050.00	-1200.00	54103.7
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-1050.00	-1050.00	54015.3
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-1025.00	-1175.00	53817.2
-1025.00	-1200.00	54073.3
-1025.00	-1225.00	54080.8
-1025.00	-1250.00	54074.8
-1025.00	-1275.00	54079.7
-1025.00	-1300.00	54081.6
-1000.00	-1300.00	54089.6
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-1000.00	-1225.00	54074.4
-1000.00	-1200.00	54059.8
-1000.00	-1175.00	53987.1
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-1000.00	-1125.00	53907.3
-975.00	-1175.00	54086.5
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-975.00	-1225.00	54081.3
-975.00	-1250.00	54079.3
-975.00	-1275.00	54080.4
-950.00	-1300.00	54080.6
-950.00	-1275.00	54082.7
-950.00	-1250.00	54058.6
-950.00	-1225.00	54046.4
-925.00	-1250.00	54332.4
-925.00	-1275.00	54050.2
-925.00	-1300.00	54066.7
-900.00	-1300.00	54064.8
-251.00	-1300.00	54093.7
-1250.00	-650.00	54104.6
-1250.00	-675.00	54096.9
-1250.00	-700.00	54049.7
-1225.00	-725.00	54097.9
-1225.00	-700.00	54112.2
-1225.00	-674.00	54111.1
-1225.00	-650.00	54117.9
-1200.00	-650.00	54113.2
-1200.00	-675.00	54110.5
-1200.00	-700.00	54107.3
-1200.00	-725.00	54106.8
-1200.00	-750.00	54103.8
-1200.00	-775.00	54077.5
-1175.00	-800.00	54083.5
-1175.00	-775.00	54101.5

-1175.00	-750.00	54117.1
-1175.00	-725.00	54110.3
-1175.00	-700.00	54115.5
-1175.00	-675.00	54107.4
-1175.00	-650.00	54124.6
-1150.00	-650.00	54107.3
-1150.00	-675.00	54111.4
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-1150.00	-750.00	54112.9
-1150.00	-775.00	54107.6
-1150.00	-800.00	54108.3
-1150.00	-825.00	54104.7
-1150.00	-850.00	54087.6
-1150.00	-875.00	54201.1
-1125.00	-900.00	54079.7
-1125.00	-875.00	54100.4
-1125.00	-850.00	54106.6
-1125.00	-825.00	54112.0
-1125.00	-800.00	54116.8
-1125.00	-775.00	54115.8
-1125.00	-750.00	54117.2
-1125.00	-725.00	54118.0
-1125.00	-700.00	54117.5
-1125.00	-675.00	54122.0
-1125.00	-650.00	54116.2
-1100.00	-650.00	54115.2
-1100.00	-675.00	54111.0
-1100.00	-700.00	54118.3
-1100.00	-725.00	54116.1
-1100.00	-750.00	54105.0
-1100.00	-775.00	54112.5
-1100.00	-800.00	54109.5
-1100.00	-825.00	54108.3
-1100.00	-850.00	54104.6
-1100.00	-875.00	54113.5
-1100.00	-900.00	54094.2
-1100.00	-925.00	54092.7
-1100.00	-950.00	54076.2
-1075.00	-975.00	54060.0
-1075.00	-950.00	54094.5
-1075.00	-925.00	54107.8
-1075.00	-900.00	54112.3
-1075.00	-875.00	54110.6
-1075.00	-850.00	54109.7
-1075.00	-825.00	54113.1
-1075.00	-800.00	54107.8
-1075.00	-775.00	54117.8
-1075.00	-750.00	54116.4
-1075.00	-725.00	54125.1
-1075.00	-700.00	54125.2
-1075.00	-675.00	54128.7
-1075.00	-650.00	54126.0
-1050.00	-650.00	54119.2

-1050.00	-675.00	54127.3
-1050.00	-700.00	54113.7
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-1050.00	-750.00	54109.8
-1050.00	-775.00	54109.6
-1050.00	-800.00	54109.6
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-1050.00	-850.00	54100.6
-1050.00	-875.00	54100.6
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-1025.00	-1025.00	54032.6
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-1025.00	-975.00	54061.9
-1025.00	-950.00	54084.7
-1025.00	-925.00	54099.3
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-1025.00	-775.00	54118.3
-1025.00	-750.00	54121.6
-1025.00	-725.00	54131.0
-1025.00	-700.00	54126.8
-1025.00	-675.00	54121.5
-1025.00	-650.00	54118.7
-1000.00	-650.00	54105.8
-1000.00	-675.00	54106.3
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-1000.00	-725.00	54107.8
-1000.00	-750.00	54106.1
-1000.00	-775.00	54105.3
-1000.00	-800.00	54096.0
-1000.00	-825.00	54082.6
-1000.00	-850.00	54076.9
-1000.00	-875.00	54071.2
-1000.00	-900.00	54073.5
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-1000.00	-1025.00	53859.6
-1000.00	-1050.00	54312.8
-1000.00	-1075.00	54199.3
-1000.00	-1100.00	54030.8
-975.00	-1150.00	56296.5
-975.00	-1125.00	53544.9

-975.00	-1100.00	54091.1
-975.00	-1075.00	54357.6
-975.00	-1050.00	55944.2
-975.00	-1025.00	54245.8
-975.00	-1000.00	55123.3
-975.00	-975.00	53771.9
-975.00	-950.00	53955.8
-975.00	-925.00	54054.7
-975.00	-900.00	54065.2
-975.00	-875.00	54056.3
-975.00	-850.00	54065.8
-975.00	-825.00	54089.6
-975.00	-800.00	54098.8
-975.00	-775.00	54111.9
-975.00	-750.00	54118.7
-975.00	-725.00	54115.2
-975.00	-700.00	54121.9
-975.00	-675.00	54118.5
-975.00	-650.00	54125.8
-950.00	-650.00	54092.2
-950.00	-675.00	54095.6
-950.00	-700.00	54091.8
-950.00	-725.00	54098.0
-950.00	-750.00	54105.4
-950.00	-775.00	54098.4
-950.00	-800.00	54086.7
-950.00	-825.00	54063.8
-950.00	-850.00	54003.9
-950.00	-875.00	53953.4
-950.00	-900.00	54108.6
-950.00	-925.00	54038.2
-950.00	-950.00	54465.9
-950.00	-975.00	54057.2
-950.00	-1000.00	54084.6
-950.00	-1025.00	54015.3
-950.00	-1050.00	54007.0
-950.00	-1075.00	54076.8
-950.00	-1100.00	54063.1
-950.00	-1125.00	53886.2
-950.00	-1150.00	54160.0
-950.00	-1175.00	53972.3
-950.00	-1200.00	54104.7
-925.00	-1225.00	54336.4
-925.00	-1200.00	54127.9
-925.00	-1175.00	54067.0
-925.00	-1150.00	54164.3
-925.00	-1125.00	54042.8
-925.00	-1100.00	54154.5
-925.00	-1075.00	54045.1
-925.00	-1050.00	54111.5
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-925.00	-1000.00	53947.5
-925.00	-975.00	54019.0
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-925.00	-925.00	54194.7
-925.00	-900.00	56586.2
-925.00	-875.00	53327.7
-925.00	-850.00	53903.3
-925.00	-825.00	54055.6
-925.00	-800.00	54087.9
-925.00	-775.00	54111.5
-925.00	-750.00	54118.6
-925.00	-725.00	54121.0
-925.00	-700.00	54121.2
-925.00	-675.00	54104.0
-925.00	-650.00	54100.2
-900.00	-650.00	54117.5
-900.00	-675.00	54113.8
-900.00	-700.00	54116.6
-900.00	-725.00	54119.4
-900.00	-750.00	54113.1
-900.00	-775.00	54103.2
-900.00	-800.00	54088.9
-900.00	-825.00	53927.0
-900.00	-850.00	52902.2
-900.00	-875.00	52209.2
-900.00	-900.00	55504.3
-900.00	-925.00	54412.4
-900.00	-950.00	56782.3
-900.00	-975.00	54828.3
-900.00	-1000.00	54121.6
-900.00	-1025.00	54240.6
-900.00	-1050.00	54099.7
-900.00	-1075.00	54079.5
-900.00	-1100.00	54063.8
-900.00	-1125.00	53995.9
-900.00	-1150.00	53954.0
-900.00	-1175.00	54199.4
-900.00	-1200.00	54028.4
-900.00	-1225.00	53991.6
-900.00	-1250.00	54269.1
-900.00	-1275.00	54099.6
-251.00	-1300.00	54109.0

GEOPHYSICAL DATA FOR N-TEAD

OLD BURN AREA

ELECTROMAGNETIC MEASUREMENTS ON FEBRUARY 11, 1988

COORDINATES NORTHING (FT.)	COORDINATES EASTING (FT.)	APPARENT CONDUCTIVITY HORIZONTAL COILS (MILLIMHO/METER)
0.00	-50.00	10.5
-50.00	-50.00	9.0
-100.00	-50.00	8.0
-150.00	-50.00	8.0
-200.00	-50.00	7.0
-250.00	-50.00	6.0
-300.00	-50.00	6.0
-350.00	-50.00	5.0
-400.00	-50.00	6.0
-450.00	-50.00	6.0
-500.00	-50.00	5.0
-550.00	-50.00	4.0
-600.00	-50.00	6.0
-650.00	-50.00	6.0
-700.00	-50.00	5.0
-750.00	-50.00	6.0
-800.00	-50.00	6.0
-850.00	-50.00	4.0
-900.00	-50.00	6.0
-950.00	-50.00	6.0
-1000.00	-50.00	7.0
-1050.00	-50.00	8.0
-1100.00	-50.00	8.0
-1150.00	-50.00	8.0
-1200.00	-50.00	7.0
-1250.00	-50.00	8.0
-1300.00	-50.00	8.0
-1350.00	-50.00	6.0
-1400.00	-50.00	6.0
-1450.00	-50.00	6.0
-1500.00	-50.00	6.0
-1550.00	-50.00	6.0
-1600.00	-50.00	6.0
-1650.00	-50.00	6.0
-1700.00	-50.00	6.0
-1750.00	-50.00	6.0
-1800.00	-50.00	6.0
-1850.00	-50.00	6.0
-1900.00	-50.00	6.0
-1950.00	-50.00	6.0
-2000.00	-50.00	6.0
-2050.00	-50.00	6.0

-2100.00	-50.00	8.0
-2100.00	-150.00	7.5
-2050.00	-150.00	7.5
-2000.00	-150.00	6.7
-1950.00	-150.00	6.5
-1900.00	-150.00	6.5
-1850.00	-150.00	5.7
-1800.00	-150.00	5.6
-1750.00	-150.00	5.5
-1700.00	-150.00	5.3
-1650.00	-150.00	5.5
-1600.00	-150.00	5.4
-1550.00	-150.00	5.2
-1500.00	-150.00	5.8
-1450.00	-150.00	5.8
-1400.00	-150.00	6.9
-1350.00	-150.00	7.6
-1300.00	-150.00	7.4
-1250.00	-150.00	7.4
-1200.00	-150.00	7.6
-1150.00	-150.00	7.8
-1100.00	-150.00	8.2
-1050.00	-150.00	6.5
-1000.00	-150.00	6.4
-950.00	-150.00	6.9
-900.00	-150.00	6.2
-850.00	-150.00	7.3
-800.00	-150.00	7.2
-750.00	-150.00	6.3
-700.00	-150.00	2.1
-650.00	-150.00	10.5
-600.00	-150.00	8.7
-550.00	-150.00	8.4
-500.00	-150.00	8.2
-450.00	-150.00	8.2
-400.00	-150.00	8.4
-350.00	-150.00	8.4
-300.00	-150.00	9.8
-250.00	-150.00	10.5
-200.00	-150.00	10.0
-150.00	-150.00	8.7
-100.00	-150.00	8.4
-50.00	-150.00	8.4
0.00	-150.00	7.8
0.00	-250.00	6.4
-50.00	-250.00	6.5
-100.00	-250.00	8.6
-150.00	-250.00	300.0
-200.00	-250.00	300.0
-250.00	-250.00	8.8
-300.00	-250.00	11.0
-350.00	-250.00	300.0
-400.00	-250.00	15.0
-450.00	-250.00	10.0

-500.00	-250.00	9.0
-550.00	-250.00	7.4
-600.00	-250.00	8.0
-650.00	-250.00	7.5
-700.00	-250.00	7.8
-750.00	-250.00	7.3
-800.00	-250.00	7.4
-850.00	-250.00	7.5
-900.00	-250.00	6.9
-950.00	-250.00	6.4
-1000.00	-250.00	6.2
-1050.00	-250.00	7.9
-1100.00	-250.00	7.6
-1150.00	-250.00	12.0
-1200.00	-250.00	11.0
-1250.00	-250.00	8.3
-1300.00	-250.00	8.0
-1350.00	-250.00	8.3
-1400.00	-250.00	6.0
-1450.00	-250.00	5.8
-1500.00	-250.00	5.2
-1550.00	-250.00	4.8
-1600.00	-250.00	5.2
-1650.00	-250.00	5.8
-1700.00	-250.00	6.0
-1750.00	-250.00	5.4
-1800.00	-250.00	5.9
-1850.00	-250.00	7.0
-1900.00	-250.00	7.3
-1950.00	-250.00	7.8
-2000.00	-250.00	7.8
-2050.00	-250.00	6.8
-2100.00	-250.00	7.0
-2100.00	-350.00	6.8
-2050.00	-350.00	7.6
-2000.00	-350.00	7.8
-1950.00	-350.00	7.8
-1900.00	-350.00	8.2
-1850.00	-350.00	7.4
-1800.00	-350.00	6.8
-1750.00	-350.00	6.0
-1700.00	-350.00	6.0
-1650.00	-350.00	6.0
-1600.00	-350.00	6.1
-1550.00	-350.00	6.0
-1500.00	-350.00	6.0
-1450.00	-350.00	6.6
-1400.00	-350.00	7.4
-1350.00	-350.00	6.6
-1300.00	-350.00	8.6
-1250.00	-350.00	8.7
-1200.00	-350.00	8.8
-1150.00	-350.00	9.4
-1100.00	-350.00	8.7

-1050.00	-350.00	8.7
-1000.00	-350.00	8.0
-950.00	-350.00	7.4
-900.00	-350.00	8.4
-850.00	-350.00	8.0
-800.00	-350.00	7.8
-750.00	-350.00	8.4
-700.00	-350.00	7.4
-650.00	-350.00	9.8
-600.00	-350.00	300.0
-550.00	-350.00	2.4
-500.00	-350.00	9.2
-450.00	-350.00	9.4
-400.00	-350.00	0.6
-350.00	-350.00	300.0
-300.00	-350.00	7.6
-250.00	-350.00	8.4
-200.00	-350.00	7.6
-150.00	-350.00	6.6
-100.00	-350.00	6.8
-50.00	-350.00	6.9
0.00	-350.00	6.7
0.00	-450.00	7.0
-50.00	-450.00	9.0
-100.00	-450.00	9.7
-150.00	-450.00	7.8
-200.00	-450.00	7.5
-250.00	-450.00	7.4
-300.00	-450.00	8.6
-350.00	-450.00	4.6
-400.00	-450.00	5.0
-450.00	-450.00	5.2
-500.00	-450.00	6.2
-550.00	-450.00	8.1
-600.00	-450.00	7.2
-650.00	-450.00	7.9
-700.00	-450.00	7.4
-750.00	-450.00	7.2
-800.00	-450.00	7.0
-850.00	-450.00	6.6
-900.00	-450.00	6.8
-950.00	-450.00	6.4
-1000.00	-450.00	7.2
-1050.00	-450.00	7.2
-1100.00	-450.00	8.2
-1150.00	-450.00	8.1
-1200.00	-450.00	8.4
-1250.00	-450.00	8.6
-1300.00	-450.00	9.6
-1350.00	-450.00	8.6
-1400.00	-450.00	7.5
-1450.00	-450.00	7.2
-1500.00	-450.00	7.6
-1550.00	-450.00	7.0

-1600.00	-450.00	6.6
-1650.00	-450.00	6.5
-1700.00	-450.00	6.0
-1750.00	-450.00	6.3
-1800.00	-450.00	7.1
-1850.00	-450.00	7.6
-1900.00	-450.00	10.0
-1950.00	-450.00	9.0
-2000.00	-450.00	9.2
-2050.00	-450.00	9.5
-2100.00	-450.00	8.2
-2100.00	-550.00	7.5
-2050.00	-550.00	8.8
-2000.00	-550.00	8.8
-1950.00	-550.00	9.3
-1900.00	-550.00	8.8
-1850.00	-550.00	6.1
-1800.00	-550.00	8.1
-1750.00	-550.00	7.4
-1700.00	-550.00	7.5
-1650.00	-550.00	8.4
-1600.00	-550.00	8.8
-1550.00	-550.00	9.1
-1500.00	-550.00	8.2
-1450.00	-550.00	8.0
-1400.00	-550.00	7.6
-1350.00	-550.00	7.4
-1300.00	-550.00	8.2
-1250.00	-550.00	8.2
-1200.00	-550.00	6.8
-1150.00	-550.00	7.0
-1100.00	-550.00	7.8
-1050.00	-550.00	8.0
-1000.00	-550.00	6.9
-950.00	-550.00	6.2
-900.00	-550.00	6.0
-850.00	-550.00	6.5
-800.00	-550.00	8.2
-750.00	-550.00	7.4
-700.00	-550.00	7.7
-650.00	-550.00	7.6
-600.00	-550.00	6.6
-550.00	-550.00	7.2
-500.00	-550.00	6.6
-450.00	-550.00	2.2
-400.00	-550.00	6.4
-350.00	-550.00	6.3
-300.00	-550.00	7.6
-250.00	-550.00	12.0
-200.00	-550.00	12.0
-150.00	-550.00	18.0
-100.00	-550.00	21.0
-50.00	-550.00	14.0
0.00	-550.00	9.4

GEOPHYSICAL DATA FOR N-TEAD

OLD BURN AREA

MAGNETIC MEASUREMENTS ON FEBRUARY 10-11, 1988

COORDINATES NORTHING (FT.)	EASTING (FT.)	TOTAL FIELD INTENSITY (GAMMAS)
0.00	0.00	53874.5
-50.00	0.00	53807.6
-100.00	0.00	53791.3
-150.00	0.00	53801.8
-200.00	0.00	53829.0
-250.00	0.00	53863.5
-300.00	0.00	53894.8
-350.00	0.00	53921.2
-400.00	0.00	53942.2
-450.00	0.00	53956.0
-500.00	0.00	53966.2
-550.00	0.00	53981.0
-600.00	0.00	53997.5
-650.00	0.00	54012.1
-700.00	0.00	54009.1
-750.00	0.00	54005.9
-800.00	0.00	54009.4
-850.00	0.00	54015.2
-900.00	0.00	54022.8
-950.00	0.00	54028.6
-1000.00	0.00	54031.7
-1050.00	0.00	54036.8
-1100.00	0.00	54038.3
-1150.00	0.00	54038.6
-1200.00	0.00	54039.6
-1250.00	0.00	54041.4
-1300.00	0.00	54047.6
-1350.00	0.00	54041.7
-1400.00	0.00	54047.9
-1450.00	0.00	54049.2
-1500.00	0.00	54051.4
-1550.00	0.00	54053.3
-1600.00	0.00	54056.4
-1650.00	0.00	54058.5
-1700.00	0.00	54058.7
-1750.00	0.00	54060.8
-1800.00	0.00	54061.3
-1850.00	0.00	54061.1
-1900.00	0.00	54061.8
-1950.00	0.00	54062.4
-2000.00	0.00	54061.5
-2050.00	0.00	54060.7
-2100.00	0.00	54064.8

-2100.00	-50.00	54070.7
-2050.00	-50.00	54065.6
-2000.00	-50.00	54062.1
-1950.00	-50.00	54062.1
-1900.00	-50.00	54060.9
-1850.00	-50.00	54059.0
-1800.00	-50.00	54060.4
-1750.00	-50.00	54058.0
-1700.00	-50.00	54058.0
-1650.00	-50.00	54056.8
-1600.00	-50.00	54055.2
-1550.00	-50.00	54052.9
-1500.00	-50.00	54051.6
-1450.00	-50.00	54049.7
-1400.00	-50.00	54047.4
-1350.00	-50.00	54049.2
-1300.00	-50.00	54047.3
-1250.00	-50.00	54043.2
-1200.00	-50.00	54041.3
-1150.00	-50.00	54038.1
-1100.00	-50.00	54040.7
-1050.00	-50.00	54035.2
-1000.00	-50.00	54029.8
-950.00	-50.00	54020.8
-900.00	-50.00	54016.0
-850.00	-50.00	53979.0
-800.00	-50.00	54015.6
-750.00	-50.00	53969.6
-700.00	-50.00	53955.5
-650.00	-50.00	53893.3
-600.00	-50.00	53772.0
-550.00	-50.00	53441.1
-500.00	-50.00	53943.6
-450.00	-50.00	53943.6
-400.00	-50.00	53934.8
-350.00	-50.00	53909.0
-300.00	-50.00	53875.3
-250.00	-50.00	53844.8
-200.00	-50.00	53826.4
-150.00	-50.00	53829.7
-100.00	-50.00	53843.1
-50.00	-50.00	53880.1
0.00	-50.00	53934.1
0.00	-100.00	54069.0
-50.00	-100.00	53969.9
-100.00	-100.00	53914.9
-150.00	-100.00	53894.7
-200.00	-100.00	53848.3
-250.00	-100.00	53822.3
-300.00	-100.00	53827.4
-350.00	-100.00	53860.0
-400.00	-100.00	53896.9
-450.00	-100.00	53876.5
-500.00	-100.00	53900.0

-550.00	-100.00	54149.2
-600.00	-100.00	53526.1
-650.00	-100.00	53131.9
-700.00	-100.00	53149.4
-750.00	-100.00	54004.3
-800.00	-100.00	53972.4
-850.00	-100.00	54009.3
-900.00	-100.00	54016.4
-950.00	-100.00	54026.7
-1000.00	-100.00	54030.3
-1050.00	-100.00	54035.8
-1100.00	-100.00	54038.0
-1150.00	-100.00	54038.4
-1200.00	-100.00	54040.7
-1250.00	-100.00	54047.3
-1300.00	-100.00	54043.9
-1350.00	-100.00	53900.8
-1400.00	-100.00	54048.3
-1450.00	-100.00	54048.0
-1500.00	-100.00	54048.6
-1550.00	-100.00	54050.1
-1600.00	-100.00	54051.9
-1650.00	-100.00	54052.1
-1700.00	-100.00	54051.2
-1750.00	-100.00	54053.8
-1800.00	-100.00	54055.0
-1850.00	-100.00	54055.4
-1900.00	-100.00	54056.4
-1950.00	-100.00	54055.9
-2000.00	-100.00	54057.1
-2050.00	-100.00	54060.3
-2100.00	-100.00	54061.6
-2100.00	-150.00	54059.6
-2050.00	-150.00	54060.3
-2000.00	-150.00	54056.1
-1950.00	-150.00	54053.2
-1900.00	-150.00	54052.0
-1850.00	-150.00	54053.2
-1800.00	-150.00	54053.5
-1750.00	-150.00	54054.1
-1700.00	-150.00	54052.4
-1650.00	-150.00	54053.1
-1600.00	-150.00	54057.2
-1550.00	-150.00	54055.8
-1500.00	-150.00	54056.5
-1450.00	-150.00	54055.3
-1400.00	-150.00	54052.4
-1350.00	-150.00	54053.5
-1300.00	-150.00	54052.1
-1250.00	-150.00	54046.0
-1200.00	-150.00	54048.7
-1150.00	-150.00	54056.9
-1100.00	-150.00	54057.5
-1050.00	-150.00	54051.3

-1000.00	-150.00	54011.8
-950.00	-150.00	53985.5
-900.00	-150.00	54048.5
-850.00	-150.00	53969.6
-800.00	-150.00	53986.8
-750.00	-150.00	53991.9
-700.00	-150.00	56562.3
-650.00	-150.00	54263.7
-600.00	-150.00	53996.6
-550.00	-150.00	53909.6
-500.00	-150.00	53883.1
-450.00	-150.00	53780.4
-400.00	-150.00	53939.6
-350.00	-150.00	53977.4
-300.00	-150.00	53737.5
-250.00	-150.00	53845.7
-200.00	-150.00	54111.9
-150.00	-150.00	53959.4
-100.00	-150.00	54039.9
-50.00	-150.00	54049.0
0.00	-150.00	54165.1
0.00	-200.00	54211.9
-50.00	-200.00	54087.0
-100.00	-200.00	53646.3
-150.00	-200.00	52488.5
-200.00	-200.00	53444.0
-250.00	-200.00	53789.2
-300.00	-200.00	54205.5
-350.00	-200.00	51840.2
-400.00	-200.00	53613.4
-450.00	-200.00	54195.4
-500.00	-200.00	53866.8
-550.00	-200.00	53884.9
-600.00	-200.00	53956.8
-650.00	-200.00	54066.8
-700.00	-200.00	54454.1
-750.00	-200.00	54060.1
-800.00	-200.00	53970.6
-850.00	-200.00	53995.4
-900.00	-200.00	53985.9
-950.00	-200.00	54045.2
-1000.00	-200.00	53996.6
-1050.00	-200.00	54012.9
-1100.00	-200.00	53984.4
-1150.00	-200.00	54007.9
-1200.00	-200.00	54023.0
-1250.00	-200.00	54046.3
-1300.00	-200.00	54055.2
-1350.00	-200.00	54055.4
-1400.00	-200.00	53967.2
-1450.00	-200.00	54090.2
-1500.00	-200.00	54037.9
-1550.00	-200.00	54068.3
-1600.00	-200.00	54053.9

-1650.00	-200.00	54059.2
-1700.00	-200.00	54053.4
-1750.00	-200.00	54056.8
-1800.00	-200.00	54055.9
-1850.00	-200.00	54057.5
-1900.00	-200.00	54056.7
-1950.00	-200.00	54057.6
-2000.00	-200.00	54060.5
-2050.00	-200.00	54060.4
-2100.00	-200.00	54057.8
-2100.00	-250.00	54061.0
-2050.00	-250.00	54060.5
-2000.00	-250.00	54060.0
-1950.00	-250.00	54074.6
-1900.00	-250.00	54062.3
-1850.00	-250.00	54056.8
-1800.00	-250.00	54056.4
-1750.00	-250.00	54053.2
-1700.00	-250.00	54052.3
-1650.00	-250.00	54056.0
-1600.00	-250.00	54069.0
-1550.00	-250.00	54023.4
-1500.00	-250.00	54016.0
-1450.00	-250.00	54037.8
-1400.00	-250.00	54018.7
-1350.00	-250.00	54034.2
-1300.00	-250.00	54027.8
-1250.00	-250.00	53963.0
-1200.00	-250.00	53775.0
-1150.00	-250.00	53578.1
-1100.00	-250.00	53955.7
-1050.00	-250.00	53978.6
-1000.00	-250.00	53969.3
-950.00	-250.00	53965.6
-900.00	-250.00	54017.1
-850.00	-250.00	54027.4
-800.00	-250.00	53981.5
-750.00	-250.00	54006.4
-700.00	-250.00	53971.3
-650.00	-250.00	53878.6
-600.00	-250.00	53888.8
-550.00	-250.00	53829.3
-500.00	-250.00	53773.0
-450.00	-250.00	53557.2
-400.00	-250.00	54334.0
-350.00	-250.00	54600.6
-300.00	-250.00	53458.8
-250.00	-250.00	53862.6
-200.00	-250.00	52978.1
-150.00	-250.00	53995.5
-100.00	-250.00	54114.8
-50.00	-250.00	54148.3
0.00	-250.00	54229.6
0.00	-300.00	54236.1

-50.00	-300.00	54216.0
-100.00	-300.00	54233.3
-150.00	-300.00	55381.8
-200.00	-300.00	52062.4
-250.00	-300.00	54035.7
-300.00	-300.00	54966.6
-350.00	-300.00	51497.6
-400.00	-300.00	50919.6
-450.00	-300.00	54450.9
-500.00	-300.00	53749.1
-550.00	-300.00	53681.6
-600.00	-300.00	52945.1
-650.00	-300.00	53265.2
-700.00	-300.00	53784.2
-750.00	-300.00	53767.1
-800.00	-300.00	53891.4
-850.00	-300.00	53983.6
-900.00	-300.00	53984.8
-950.00	-300.00	54036.3
-1000.00	-300.00	53985.3
-1050.00	-300.00	54011.0
-1100.00	-300.00	53988.4
-1150.00	-300.00	54226.0
-1200.00	-300.00	54288.9
-1250.00	-300.00	54054.2
-1300.00	-300.00	54059.5
-1350.00	-300.00	54076.8
-1400.00	-300.00	54077.8
-1450.00	-300.00	54063.9
-1500.00	-300.00	54072.5
-1550.00	-300.00	54071.8
-1600.00	-300.00	54066.0
-1650.00	-300.00	54075.9
-1700.00	-300.00	54063.5
-1750.00	-300.00	54055.0
-1800.00	-300.00	54042.9
-1850.00	-300.00	54050.8
-1900.00	-300.00	54053.8
-1950.00	-300.00	54051.5
-2000.00	-300.00	54052.0
-2050.00	-300.00	54053.7
-2100.00	-300.00	54052.4
-2100.00	-350.00	54057.0
-2050.00	-350.00	54054.0
-2000.00	-350.00	54052.6
-1950.00	-350.00	54052.2
-1900.00	-350.00	54053.8
-1850.00	-350.00	54053.2
-1800.00	-350.00	54057.6
-1750.00	-350.00	54052.9
-1700.00	-350.00	54054.5
-1650.00	-350.00	54055.3
-1600.00	-350.00	54013.5
-1550.00	-350.00	54027.9

-1500.00	-350.00	54007.5
-1450.00	-350.00	54020.6
-1400.00	-350.00	54049.2
-1350.00	-350.00	54018.1
-1300.00	-350.00	53996.6
-1250.00	-350.00	54093.7
-1200.00	-350.00	54093.4
-1150.00	-350.00	54055.0
-1100.00	-350.00	54016.0
-1050.00	-350.00	54088.1
-1000.00	-350.00	54002.6
-950.00	-350.00	53952.4
-900.00	-350.00	53910.8
-850.00	-350.00	53938.8
-800.00	-350.00	53858.3
-750.00	-350.00	54470.4
-700.00	-350.00	53797.6
-650.00	-350.00	53934.4
-600.00	-350.00	53953.6
-550.00	-350.00	53640.0
-500.00	-350.00	53849.0
-450.00	-350.00	55082.1
-400.00	-350.00	54425.9
-350.00	-350.00	53144.6
-300.00	-350.00	54288.6
-250.00	-350.00	54264.3
-200.00	-350.00	56030.6
-150.00	-350.00	54808.0
-100.00	-350.00	54349.7
-50.00	-350.00	54253.8
0.00	-350.00	54223.8
0.00	-400.00	54033.0
-50.00	-400.00	54203.3
-100.00	-400.00	54257.5
-150.00	-400.00	54324.7
-200.00	-400.00	54352.3
-250.00	-400.00	54826.7
-300.00	-400.00	54022.2
-350.00	-400.00	56490.7
-400.00	-400.00	55998.3
-450.00	-400.00	54856.8
-500.00	-400.00	54031.5
-550.00	-400.00	53735.4
-600.00	-400.00	53672.1
-650.00	-400.00	53919.8
-700.00	-400.00	53822.1
-750.00	-400.00	53896.1
-800.00	-400.00	53941.4
-850.00	-400.00	53980.2
-900.00	-400.00	53947.5
-950.00	-400.00	54045.1
-1000.00	-400.00	53972.4
-1050.00	-400.00	54000.9
-1100.00	-400.00	54247.4

-1150.00	-400.00	53994.4
-1200.00	-400.00	54019.3
-1250.00	-400.00	53872.2
-1300.00	-400.00	53996.5
-1350.00	-400.00	54041.7
-1400.00	-400.00	54087.9
-1450.00	-400.00	54012.0
-1500.00	-400.00	54075.2
-1550.00	-400.00	54045.9
-1600.00	-400.00	54036.2
-1650.00	-400.00	53985.0
-1700.00	-400.00	54034.5
-1750.00	-400.00	54038.1
-1800.00	-400.00	54067.0
-1850.00	-400.00	54058.7
-1900.00	-400.00	54054.4
-1950.00	-400.00	54054.4
-2000.00	-400.00	54055.5
-2050.00	-400.00	54056.6
-2100.00	-400.00	54054.3
-2100.00	-450.00	54048.2
-2050.00	-450.00	54012.8
-2000.00	-450.00	54056.8
-1950.00	-450.00	54051.6
-1900.00	-450.00	54065.8
-1850.00	-450.00	54010.9
-1800.00	-450.00	54017.8
-1750.00	-450.00	54054.7
-1700.00	-450.00	54027.3
-1650.00	-450.00	54016.0
-1600.00	-450.00	54099.5
-1550.00	-450.00	54033.8
-1500.00	-450.00	54016.4
-1450.00	-450.00	54126.0
-1400.00	-450.00	53998.3
-1350.00	-450.00	54064.0
-1300.00	-450.00	54041.4
-1250.00	-450.00	54225.6
-1200.00	-450.00	54018.8
-1150.00	-450.00	53991.6
-1100.00	-450.00	54025.8
-1050.00	-450.00	53969.4
-1000.00	-450.00	53943.4
-950.00	-450.00	54028.0
-900.00	-450.00	53978.0
-850.00	-450.00	53949.6
-800.00	-450.00	53901.8
-750.00	-450.00	53858.7
-700.00	-450.00	53828.8
-650.00	-450.00	54086.5
-600.00	-450.00	54361.3
-550.00	-450.00	53899.0
-500.00	-450.00	54214.4
-450.00	-450.00	54969.1

-400.00	-450.00	54501.0
-350.00	-450.00	54334.1
-300.00	-450.00	54356.8
-250.00	-450.00	54303.4
-200.00	-450.00	54192.6
-150.00	-450.00	54131.4
-100.00	-450.00	54114.2
-50.00	-450.00	54105.9
0.00	-450.00	54092.4
0.00	-500.00	54038.1
-50.00	-500.00	54028.2
-100.00	-500.00	54015.8
-150.00	-500.00	54024.1
-200.00	-500.00	54120.5
-250.00	-500.00	54285.6
-300.00	-500.00	54397.0
-350.00	-500.00	54537.7
-400.00	-500.00	54621.0
-450.00	-500.00	54548.6
-500.00	-500.00	54322.7
-550.00	-500.00	53980.8
-600.00	-500.00	53843.3
-650.00	-500.00	53800.9
-700.00	-500.00	53775.9
-750.00	-500.00	53816.3
-800.00	-500.00	53865.6
-850.00	-500.00	53929.0
-900.00	-500.00	53960.7
-950.00	-500.00	53982.6
-1000.00	-500.00	54000.7
-1050.00	-500.00	54013.4
-1100.00	-500.00	53949.1
-1150.00	-500.00	53967.9
-1200.00	-500.00	54004.6
-1250.00	-500.00	54082.9
-1300.00	-500.00	54052.9
-1350.00	-500.00	53973.4
-1400.00	-500.00	53975.3
-1450.00	-500.00	54092.0
-1500.00	-500.00	53953.8
-1550.00	-500.00	53935.9
-1600.00	-500.00	54011.8
-1650.00	-500.00	53974.5
-1700.00	-500.00	53962.4
-1750.00	-500.00	54066.6
-1800.00	-500.00	54019.2
-1850.00	-500.00	54077.4
-1900.00	-500.00	54018.7
-1950.00	-500.00	54081.5
-2000.00	-500.00	54070.2
-2050.00	-500.00	54038.9
-2100.00	-500.00	54049.0
-2100.00	-550.00	54049.7
-2050.00	-550.00	54052.3

-2000.00	-550.00	54045.4
-1950.00	-550.00	54051.9
-1900.00	-550.00	54063.8
-1850.00	-550.00	54073.4
-1800.00	-550.00	53995.3
-1750.00	-550.00	54050.5
-1700.00	-550.00	54042.2
-1650.00	-550.00	54045.1
-1600.00	-550.00	54042.2
-1550.00	-550.00	54054.6
-1500.00	-550.00	54042.3
-1450.00	-550.00	54036.8
-1400.00	-550.00	54037.8
-1350.00	-550.00	54038.2
-1300.00	-550.00	54029.8
-1250.00	-550.00	54030.5
-1200.00	-550.00	54035.1
-1150.00	-550.00	54037.0
-1100.00	-550.00	54022.2
-1050.00	-550.00	54003.7
-1000.00	-550.00	53990.9
-950.00	-550.00	53974.2
-900.00	-550.00	53943.0
-850.00	-550.00	53901.3
-800.00	-550.00	53891.5
-750.00	-550.00	53768.3
-700.00	-550.00	53761.0
-650.00	-550.00	53772.8
-600.00	-550.00	54034.4
-550.00	-550.00	54302.8
-500.00	-550.00	54430.2
-450.00	-550.00	54597.8
-400.00	-550.00	54762.4
-350.00	-550.00	54660.0
-300.00	-550.00	54458.4
-250.00	-550.00	54293.5
-200.00	-550.00	54118.5
-150.00	-550.00	53996.7
-100.00	-550.00	53971.6
-50.00	-550.00	53983.8
0.00	-550.00	53963.8
0.00	-600.00	53982.3
-50.00	-600.00	53992.5
-100.00	-600.00	54010.6
-150.00	-600.00	54093.2
-200.00	-600.00	54184.4
-250.00	-600.00	54288.5
-300.00	-600.00	54422.5
-350.00	-600.00	54645.6
-400.00	-600.00	54693.2
-450.00	-600.00	54676.0
-500.00	-600.00	54616.3
-550.00	-600.00	54547.9
-600.00	-600.00	54372.6

-650.00	-600.00	54018.1
-700.00	-600.00	53889.1
-750.00	-600.00	53850.1
-800.00	-600.00	53864.0
-850.00	-600.00	53905.4
-900.00	-600.00	53954.2
-950.00	-600.00	53987.5
-1000.00	-600.00	54011.4
-1050.00	-600.00	54022.3
-1100.00	-600.00	54028.9
-1150.00	-600.00	54041.7
-1200.00	-600.00	54042.3
-1250.00	-600.00	54046.9
-1300.00	-600.00	54050.0
-1350.00	-600.00	54052.6
-1400.00	-600.00	54053.5
-1450.00	-600.00	54054.5
-1500.00	-600.00	54058.8
-1550.00	-600.00	54061.4
-1600.00	-600.00	54058.1
-1650.00	-600.00	54065.6
-1700.00	-600.00	54064.3
-1750.00	-600.00	54076.9
-1800.00	-600.00	54073.9
-1850.00	-600.00	54072.6
-1900.00	-600.00	54079.8
-1950.00	-600.00	54070.5
-2000.00	-600.00	54070.7
-2050.00	-600.00	54071.6
-2100.00	-600.00	54069.3
-2100.00	-650.00	54070.9
-2050.00	-650.00	54073.7
-2000.00	-650.00	54071.9
-1950.00	-650.00	54071.5
-1900.00	-650.00	54070.9
-1850.00	-650.00	54067.8
-1800.00	-650.00	54074.1
-1750.00	-650.00	54069.4
-1700.00	-650.00	54065.9
-1650.00	-650.00	54071.1
-1600.00	-650.00	54070.3
-1550.00	-650.00	54065.1
-1500.00	-650.00	54066.1
-1450.00	-650.00	54059.0
-1400.00	-650.00	54061.8
-1350.00	-650.00	54062.1
-1300.00	-650.00	54054.3
-1250.00	-650.00	54068.6
-1200.00	-650.00	54046.1
-1150.00	-650.00	54045.0
-1100.00	-650.00	54028.1
-1050.00	-650.00	54018.8
-1000.00	-650.00	54010.7
-950.00	-650.00	53987.0

-900.00	-650.00	53956.5
-850.00	-650.00	53936.3
-800.00	-650.00	53987.7
-750.00	-650.00	54016.7
-700.00	-650.00	54060.4
-650.00	-650.00	54205.3
-600.00	-650.00	54481.0
-550.00	-650.00	54686.5
-500.00	-650.00	54702.3
-450.00	-650.00	54666.3
-400.00	-650.00	54661.3
-350.00	-650.00	54536.5
-300.00	-650.00	54438.4
-250.00	-650.00	54388.8
-200.00	-650.00	54328.9
-150.00	-650.00	54217.7
-100.00	-650.00	54065.0
-50.00	-650.00	54005.4
0.00	-650.00	53992.3
0.00	-700.00	53219.8
-50.00	-700.00	54020.6
-100.00	-700.00	54086.7
-150.00	-700.00	54268.9
-200.00	-700.00	54434.7
-250.00	-700.00	54459.0
-300.00	-700.00	54501.3
-350.00	-700.00	54542.9
-400.00	-700.00	54614.9
-450.00	-700.00	54629.8
-500.00	-700.00	54628.0
-550.00	-700.00	54722.0
-600.00	-700.00	54704.3
-650.00	-700.00	54447.2
-700.00	-700.00	54207.1
-750.00	-700.00	54148.5
-800.00	-700.00	54063.5
-850.00	-700.00	53978.8
-900.00	-700.00	53973.6
-950.00	-700.00	53992.9
-1000.00	-700.00	54011.4
-1050.00	-700.00	54019.4
-1100.00	-700.00	54026.2
-1150.00	-700.00	54026.1
-1200.00	-700.00	54032.4
-1250.00	-700.00	54031.0
-1300.00	-700.00	54028.2
-1350.00	-700.00	54015.0
-1400.00	-700.00	54038.6
-1450.00	-700.00	54049.4
-1500.00	-700.00	54051.0
-1550.00	-700.00	54051.5
-1600.00	-700.00	54056.2
-1650.00	-700.00	54055.8
-1700.00	-700.00	54062.4

-1750.00	-700.00	54055.9
-1800.00	-700.00	54063.9
-1850.00	-700.00	54064.2
-1900.00	-700.00	54064.5
-1950.00	-700.00	54064.6
-2000.00	-700.00	54065.7
-2050.00	-700.00	54063.5
-2100.00	-700.00	54057.5

GEOPHYSICAL DATA FOR N-TEAD

CHEMICAL RANGE AREA

MAGNETIC MEASUREMENTS ON FEBRUARY 9, 1988

COORDINATES NORTHING (FT.)	EASTING (FT.)	TOTAL FIELD INTENSITY (GAMMAS)
0.00	0.00	53920.1
-25.00	0.00	54072.0
-50.00	0.00	54002.2
-75.00	0.00	54022.4
-100.00	0.00	53987.9
-125.00	0.00	53859.4
-150.00	0.00	54016.5
-175.00	0.00	54001.9
-200.00	0.00	53891.7
-225.00	0.00	54027.0
-250.00	0.00	54008.6
-275.00	0.00	53603.9
-300.00	0.00	54014.5
-325.00	0.00	54025.2
-350.00	0.00	54025.4
-350.00	25.00	54058.1
-325.00	25.00	54057.0
-300.00	25.00	54054.8
-275.00	25.00	54045.3
-250.00	25.00	54046.8
-225.00	25.00	54045.9
-200.00	25.00	54039.1
-175.00	25.00	54042.9
-150.00	25.00	54045.3
-125.00	25.00	54038.3
-100.00	25.00	54043.8
-75.00	25.00	54050.5
-50.00	25.00	54062.9
-25.00	25.00	54044.6
0.00	25.00	53979.9
0.00	50.00	53960.4
-25.00	50.00	54100.3
-50.00	50.00	54138.2
-75.00	50.00	54094.5
-100.00	50.00	54068.5
-125.00	50.00	54055.1
-150.00	50.00	54051.5
-175.00	50.00	54050.7
-200.00	50.00	54051.8
-225.00	50.00	54050.0
-250.00	50.00	54051.8
-275.00	50.00	54053.4
-300.00	50.00	54056.8

-325.00	50.00	54055.2
-350.00	50.00	54053.9
-350.00	75.00	54055.9
-325.00	75.00	54058.2
-300.00	75.00	54056.6
-275.00	75.00	54054.5
-250.00	75.00	54051.9
-225.00	75.00	54050.9
-200.00	75.00	54053.8
-175.00	75.00	54054.2
-150.00	75.00	54059.2
-125.00	75.00	54062.5
-100.00	75.00	54101.7
-75.00	75.00	54400.8
-50.00	75.00	54473.0
-25.00	75.00	54051.1
0.00	75.00	53997.5
0.00	100.00	53981.8
-25.00	100.00	54490.6
-50.00	100.00	54061.3
-75.00	100.00	54279.2
-100.00	100.00	54051.1
-125.00	100.00	54052.8
-150.00	100.00	54051.2
-175.00	100.00	54052.3
-200.00	100.00	54055.2
-225.00	100.00	54058.4
-250.00	100.00	54061.1
-275.00	100.00	54060.2
-300.00	100.00	54059.1
-325.00	100.00	54056.4
-350.00	100.00	54053.8
-350.00	125.00	54060.8
-325.00	125.00	54056.5
-300.00	125.00	54057.3
-275.00	125.00	54055.2
-250.00	125.00	54055.3
-225.00	125.00	54055.4
-200.00	125.00	54054.7
-175.00	125.00	54051.7
-150.00	125.00	54047.5
-125.00	125.00	54049.9
-100.00	125.00	54027.5
-75.00	125.00	53938.7
-50.00	125.00	54030.3
-25.00	125.00	54232.2
0.00	125.00	53880.5
0.00	150.00	53962.0
-25.00	150.00	53786.5
-50.00	150.00	53796.5
-75.00	150.00	53960.5
-100.00	150.00	54031.3
-125.00	150.00	54053.6
-150.00	150.00	54046.8

-175.00	150.00	54052.8
-200.00	150.00	54057.0
-225.00	150.00	54060.4
-250.00	150.00	54058.0
-275.00	150.00	54055.9
-300.00	150.00	54055.4
-325.00	150.00	54056.5
-350.00	150.00	54057.0
-350.00	175.00	54058.1
-325.00	175.00	54057.6
-300.00	175.00	54060.6
-275.00	175.00	54057.1
-250.00	175.00	54058.2
-225.00	175.00	54058.1
-200.00	175.00	54058.7
-175.00	175.00	54053.2
-150.00	175.00	54046.8
-125.00	175.00	54040.6
-100.00	175.00	54035.9
-75.00	175.00	54029.6
-50.00	175.00	54031.6
-25.00	175.00	54031.6
0.00	175.00	54038.8
0.00	200.00	54057.5
-50.00	200.00	54063.9
-75.00	200.00	54053.3
-100.00	200.00	54048.7
-125.00	200.00	54050.6
-150.00	200.00	54052.8
-175.00	200.00	54056.5
-200.00	200.00	54062.2
-225.00	200.00	54057.5
-250.00	200.00	54058.8
-275.00	200.00	54057.1
-300.00	200.00	54056.4
-325.00	200.00	54057.9
-350.00	200.00	54058.9
-350.00	225.00	54063.9
-325.00	225.00	54061.3
-300.00	225.00	54057.9
-275.00	225.00	54058.3
-250.00	225.00	54054.7
-225.00	225.00	54054.2
-200.00	225.00	54056.3
-175.00	225.00	54058.6
-150.00	225.00	54055.9
-125.00	225.00	54051.1
-100.00	225.00	54049.2
-75.00	225.00	54057.4
-50.00	225.00	54060.8
-25.00	225.00	54056.6
0.00	225.00	54049.7
0.00	250.00	54050.3
-25.00	250.00	54052.5

-50.00	250.00	54062.3
-75.00	250.00	54060.5
-100.00	250.00	54053.6
-125.00	250.00	54053.8
-150.00	250.00	54054.1
-175.00	250.00	54050.2
-200.00	250.00	54045.9
-225.00	250.00	54050.0
-250.00	250.00	54053.1
-275.00	250.00	54050.4
-300.00	250.00	54057.9
-325.00	250.00	54059.1
-350.00	250.00	54059.6

TNT Washout Facility

Base Station EM Measurements on 12 February 1988

Coordinates Northing (ft)	Coordinates Easting (ft)	Time Hour	Time Minute	Apparent Conductivity Horizontal Coils (Millimho/Meter)
0	0	08	00	14
0	0			21
0	0			21
0	0	11	45	19

Base Station EM Measurements on 8 July 1988

Coordinates Northing (ft)	Coordinates Easting (ft)	Time	Apparent Conductivity Horizontal Coils (Millimho/Meter)	Apparent Conductivity Vertical Coils (Millimho/Meter)
-650	-1,250		91	88
-650	-1,250		90	90.5

Sanitary Landfill

Base Station Magnetometer Measurements on 6 July 1988

Coordinates Northing (ft)	Coordinates Easting (ft)	Time Hour	Time Minute	Total Field Intensity (Gammas)
-1,300	-1,250	13	28	54,099
-1,300	-1,250	14	32	54,098
-1,300	-1,250	15	10	54,093
-1,300	-1,250	17	04	54,109

Base Station EM Measurements on 7 July 1988

Coordinates Northing (ft)	Coordinates Easting (ft)	Time Hour	Time Minute	Apparent Conductivity Horizontal Coils (Millimho/Meter)	Apparent Conductivity Vertical Coils (Millimho/Meter)
-1,300	-1,250	08	00	47	32
-1,300	-1,250	11	47	46	30
-1,300	- 900	13	48	6	4
-1,300	- 900	17	13	7	6

APPENDIX J

LABORATORY ANALYTICAL RESULTS

INSTALLATION RESTORATION PROGRAM

CHEMICAL REPORT
Tue Nov 27 10:02:00 1990

For Parameters :

Installation = Tooele AD (North Area)
Beginning Date = 01-jan-1988
Ending Date = 27-nov-90
Media Type = Chemical Ground Water (CGW)
Maximum (X, Y) = (399450, 4505264)
Minimum (X, Y) = (374200, 4483142)
Booleans = Y

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-110-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
298.0	22-nov-1988	TF01	NIT	LT	5000.000	UGL
298.0	22-nov-1988	TT01	SO4		224000.000	UGL
298.0	22-nov-1988	UW01	135TNB	LT	0.560	UGL
298.0	22-nov-1988	UW01	13DNB	LT	0.610	UGL
298.0	22-nov-1988	UW01	246TNT	LT	0.780	UGL
298.0	22-nov-1988	UW01	24DNT	LT	0.600	UGL
298.0	22-nov-1988	UW01	26DNT	LT	0.550	UGL
298.0	22-nov-1988	UW01	HMX	LT	1.300	UGL
298.0	22-nov-1988	UW01	NB	LT	1.130	UGL
298.0	22-nov-1988	UW01	RDX	LT	0.630	UGL
298.0	22-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-111-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
327.1	06-nov-1988	99	124TCB	ND	10.000	UGL
327.1	06-nov-1988	99	12DCLB	ND	10.000	UGL
327.1	06-nov-1988	99	12DPH	ND	10.000	UGL
327.1	06-nov-1988	99	13DCLB	ND	10.000	UGL
327.1	06-nov-1988	99	14DCLB	ND	10.000	UGL
327.1	06-nov-1988	99	246TCP	ND	10.000	UGL
327.1	06-nov-1988	99	24DCLP	ND	10.000	UGL
327.1	06-nov-1988	99	24DMPN	ND	10.000	UGL
327.1	06-nov-1988	99	24DNP	ND	10.000	UGL
327.1	06-nov-1988	99	24DNT	ND	10.000	UGL
327.1	06-nov-1988	99	26DNT	ND	10.000	UGL
327.1	06-nov-1988	99	2CLP	ND	10.000	UGL
327.1	06-nov-1988	99	2CNAP	ND	10.000	UGL
327.1	06-nov-1988	99	2NP	ND	10.000	UGL
327.1	06-nov-1988	99	33DCBD	ND	20.000	UGL
327.1	06-nov-1988	99	46DN2C	ND	50.000	UGL
327.1	06-nov-1988	99	4CL3C	ND	10.000	UGL
327.1	06-nov-1988	99	4CLPPE	ND	10.000	UGL
327.1	06-nov-1988	99	ABHC	ND	3.000	UGL
327.1	06-nov-1988	99	AENSLF	ND	3.000	UGL
327.1	06-nov-1988	99	ALDRN	ND	3.000	UGL
327.1	06-nov-1988	99	ANAPNE	ND	10.000	UGL
327.1	06-nov-1988	99	ANAPYL	ND	10.000	UGL
327.1	06-nov-1988	99	ANTRC	ND	10.000	UGL
327.1	06-nov-1988	99	B2CEXM	ND	10.000	UGL
327.1	06-nov-1988	99	B2CLEE	ND	10.000	UGL
327.1	06-nov-1988	99	B2EHP	ND	10.000	UGL
327.1	06-nov-1988	99	BAANTR	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-111-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
327.1	06-nov-1988	99	BAPYR	ND	10.000	UGL
327.1	06-nov-1988	99	BBFANT	ND	10.000	UGL
327.1	06-nov-1988	99	BBHC	ND	3.000	UGL
327.1	06-nov-1988	99	BBZP	ND	10.000	UGL
327.1	06-nov-1988	99	BENSLF	ND	6.000	UGL
327.1	06-nov-1988	99	BENZID	ND	50.000	UGL
327.1	06-nov-1988	99	BGHIPY	ND	10.000	UGL
327.1	06-nov-1988	99	BKFANT	ND	10.000	UGL
327.1	06-nov-1988	99	CHRY	ND	10.000	UGL
327.1	06-nov-1988	99	CL6BZ	ND	10.000	UGL
327.1	06-nov-1988	99	CL6CP	ND	10.000	UGL
327.1	06-nov-1988	99	CL6ET	ND	10.000	UGL
327.1	06-nov-1988	99	CLDAN	ND	3.000	UGL
327.1	06-nov-1988	99	DBAHA	ND	10.000	UGL
327.1	06-nov-1988	99	DBHC	ND	3.000	UGL
327.1	06-nov-1988	99	DEP	ND	10.000	UGL
327.1	06-nov-1988	99	DLDRN	ND	6.000	UGL
327.1	06-nov-1988	99	DMP	ND	10.000	UGL
327.1	06-nov-1988	99	DNBP	ND	10.000	UGL
327.1	06-nov-1988	99	DNOP	ND	10.000	UGL
327.1	06-nov-1988	99	ENDRN	ND	6.000	UGL
327.1	06-nov-1988	99	ENDRNA	ND	20.000	UGL
327.1	06-nov-1988	99	ESFSO4	ND	6.000	UGL
327.1	06-nov-1988	99	FANT	ND	10.000	UGL
327.1	06-nov-1988	99	FLRENE	ND	10.000	UGL
327.1	06-nov-1988	99	HCBD	ND	10.000	UGL
327.1	06-nov-1988	99	HPCL	ND	3.000	UGL
327.1	06-nov-1988	99	HPCLE	ND	3.000	UGL
327.1	06-nov-1988	99	ICDPYR	ND	10.000	UGL
327.1	06-nov-1988	99	ISOPHR	ND	10.000	UGL
327.1	06-nov-1988	99	LIN	LT	1.090	UGL
327.1	06-nov-1988	99	NAP	ND	10.000	UGL
327.1	06-nov-1988	99	NB	ND	10.000	UGL
327.1	06-nov-1988	99	NNDMEA	ND	10.000	UGL
327.1	06-nov-1988	99	NNDPA	ND	10.000	UGL
327.1	06-nov-1988	99	PCB016	ND	30.000	UGL
327.1	06-nov-1988	99	PCB221	ND	30.000	UGL
327.1	06-nov-1988	99	PCB232	ND	30.000	UGL
327.1	06-nov-1988	99	PCB242	ND	30.000	UGL
327.1	06-nov-1988	99	PCB248	ND	30.000	UGL
327.1	06-nov-1988	99	PCB254	ND	60.000	UGL
327.1	06-nov-1988	99	PCB260	ND	60.000	UGL
327.1	06-nov-1988	99	PCP	ND	50.000	UGL
327.1	06-nov-1988	99	PHANTR	ND	10.000	UGL
327.1	06-nov-1988	99	PHENOL	ND	10.000	UGL
327.1	06-nov-1988	99	PPDDD	ND	6.000	UGL
327.1	06-nov-1988	99	PYR	ND	10.000	UGL
327.1	06-nov-1988	99	TXPHEN	ND	60.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-111-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
327.1	06-nov-1988	SB09	HG	LT	0.170	UGL
327.1	06-nov-1988	SB09	HG	LT	0.170	UGL
327.1	06-nov-1988	SD01	AG		0.213	UGL
327.1	06-nov-1988	SD01	AG	LT	0.202	UGL
327.1	06-nov-1988	SD01	AS		17.600	UGL
327.1	06-nov-1988	SD01	AS	LT	5.180	UGL
327.1	06-nov-1988	SD01	BE		0.402	UGL
327.1	06-nov-1988	SD01	BE	LT	0.104	UGL
327.1	06-nov-1988	SD01	CD	LT	5.480	UGL
327.1	06-nov-1988	SD01	CD	LT	5.480	UGL
327.1	06-nov-1988	SD01	CR	LT	36.100	UGL
327.1	06-nov-1988	SD01	CR	LT	36.100	UGL
327.1	06-nov-1988	SD01	CU		37.700	UGL
327.1	06-nov-1988	SD01	CU		3.110	UGL
327.1	06-nov-1988	SD01	PB		14.100	UGL
327.1	06-nov-1988	SD01	PB		2.530	UGL
327.1	06-nov-1988	SD01	SB	LT	3.410	UGL
327.1	06-nov-1988	SD01	SB	LT	3.410	UGL
327.1	06-nov-1988	SD01	SE	LT	4.810	UGL
327.1	06-nov-1988	SD01	SE	LT	4.810	UGL
327.1	06-nov-1988	SD01	TL	LT	5.040	UGL
327.1	06-nov-1988	SD01	TL	LT	5.040	UGL
327.1	06-nov-1988	SS07	BA		137.000	UGL
327.1	06-nov-1988	SS07	BA		70.700	UGL
327.1	06-nov-1988	SS07	NI		42.200	UGL
327.1	06-nov-1988	SS07	NI	LT	9.600	UGL
327.1	06-nov-1988	SS07	ZN		125.000	UGL
327.1	06-nov-1988	SS07	ZN		21.100	UGL
327.1	06-nov-1988	TF01	NIT	LT	5000.000	UGL
327.1	06-nov-1988	TT01	SO4		216000.000	UGL
3.2	06-nov-1988	UM20	111TCE	LT	0.500	UGL
3.2	06-nov-1988	UM20	112TCE	LT	1.200	UGL
3.2	06-nov-1988	UM20	11DCE	LT	0.500	UGL
3.2	06-nov-1988	UM20	11DCLE	LT	0.680	UGL
3.2	06-nov-1988	UM20	12DCE	LT	0.500	UGL
3.2	06-nov-1988	UM20	12DCLE	LT	0.500	UGL
3.2	06-nov-1988	UM20	12DCLP	LT	0.500	UGL
3.2	06-nov-1988	UM20	2CLEVE	LT	0.710	UGL
3.2	06-nov-1988	UM20	ACET	LT	13.000	UGL
3.2	06-nov-1988	UM20	ACROLN	ND	100.000	UGL
3.2	06-nov-1988	UM20	ACRYLO	ND	100.000	UGL
3.2	06-nov-1988	UM20	BRDCLM	LT	0.590	UGL
3.2	06-nov-1988	UM20	C13DCP	LT	0.580	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-111-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
3.2	06-nov-1988	UM20	C2AVE	LT	8.300	UGL
3.2	06-nov-1988	UM20	C2H3CL	LT	2.600	UGL
3.2	06-nov-1988	UM20	C2H5CL	LT	1.900	UGL
3.2	06-nov-1988	UM20	C6H6	LT	0.500	UGL
3.2	06-nov-1988	UM20	CCL3F	LT	1.400	UGL
3.2	06-nov-1988	UM20	CCL4	LT	0.580	UGL
3.2	06-nov-1988	UM20	CH2CL2	LT	2.300	UGL
3.2	06-nov-1988	UM20	CH3BR	LT	5.800	UGL
3.2	06-nov-1988	UM20	CH3CL	LT	3.200	UGL
3.2	06-nov-1988	UM20	CHBR3	LT	2.600	UGL
3.2	06-nov-1988	UM20	CHCL3	LT	0.500	UGL
3.2	06-nov-1988	UM20	CL2BZ	ND	10.000	UGL
3.2	06-nov-1988	UM20	CLC6H5	LT	0.500	UGL
3.2	06-nov-1988	UM20	CS2	LT	0.500	UGL
3.2	06-nov-1988	UM20	DBRCLM	LT	0.670	UGL
3.2	06-nov-1988	UM20	ETC6H5	LT	0.500	UGL
3.2	06-nov-1988	UM20	MEC6H5	LT	0.500	UGL
3.2	06-nov-1988	UM20	MEK	LT	6.400	UGL
3.2	06-nov-1988	UM20	MIBK	LT	3.000	UGL
3.2	06-nov-1988	UM20	MNBK	LT	3.600	UGL
3.2	06-nov-1988	UM20	STYR	LT	0.500	UGL
3.2	06-nov-1988	UM20	T13DCP	LT	0.700	UGL
3.2	06-nov-1988	UM20	TCLEA	LT	0.510	UGL
3.2	06-nov-1988	UM20	TCLEE	LT	1.600	UGL
3.2	06-nov-1988	UM20	TRCLE	LT	0.500	UGL
3.2	06-nov-1988	UM20	XYLEN	LT	0.840	UGL
327.1	06-nov-1988	UW01	135TNB	LT	0.560	UGL
327.1	06-nov-1988	UW01	13DNB	LT	0.610	UGL
327.1	06-nov-1988	UW01	246TNT	LT	0.780	UGL
327.1	06-nov-1988	UW01	24DNT	LT	0.600	UGL
327.1	06-nov-1988	UW01	26DNT	LT	0.550	UGL
327.1	06-nov-1988	UW01	HMX	LT	1.300	UGL
327.1	06-nov-1988	UW01	NB	LT	1.130	UGL
327.1	06-nov-1988	UW01	RDX	LT	0.630	UGL
327.1	06-nov-1988	UW01	TETRYL	LT	0.660	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-112-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
319.2	07-nov-1988	99	124TCB	ND	10.000	UGL
319.2	07-nov-1988	99	12DCLB	ND	10.000	UGL
319.2	07-nov-1988	99	12DPH	ND	10.000	UGL
319.2	07-nov-1988	99	13DCLB	ND	10.000	UGL
319.2	07-nov-1988	99	14DCLB	ND	10.000	UGL
319.2	07-nov-1988	99	246TCP	ND	10.000	UGL
319.2	07-nov-1988	99	24DCLP	ND	10.000	UGL
319.2	07-nov-1988	99	24DMPN	ND	10.000	UGL
319.2	07-nov-1988	99	24DNP	ND	10.000	UGL
319.2	07-nov-1988	99	24DNT	ND	10.000	UGL
319.2	07-nov-1988	99	26DNT	ND	10.000	UGL
319.2	07-nov-1988	99	2CLP	ND	10.000	UGL
319.2	07-nov-1988	99	2CNAP	ND	10.000	UGL
319.2	07-nov-1988	99	2NP	ND	10.000	UGL
319.2	07-nov-1988	99	33DCBD	ND	20.000	UGL
319.2	07-nov-1988	99	46DN2C	ND	50.000	UGL
319.2	07-nov-1988	99	4CL3C	ND	10.000	UGL
319.2	07-nov-1988	99	4CLPPE	ND	10.000	UGL
319.2	07-nov-1988	99	ABHC	ND	3.000	UGL
319.2	07-nov-1988	99	AENSLF	ND	3.000	UGL
319.2	07-nov-1988	99	ALDRN	ND	3.000	UGL
319.2	07-nov-1988	99	ANAPNE	ND	10.000	UGL
319.2	07-nov-1988	99	ANAPYL	ND	10.000	UGL
319.2	07-nov-1988	99	ANTRC	ND	10.000	UGL
319.2	07-nov-1988	99	B2CEXM	ND	10.000	UGL
319.2	07-nov-1988	99	B2CLEE	ND	10.000	UGL
319.2	07-nov-1988	99	B2EHP	ND	10.000	UGL
319.2	07-nov-1988	99	BAANTR	ND	10.000	UGL
319.2	07-nov-1988	99	BAPYR	ND	10.000	UGL
319.2	07-nov-1988	99	BBFANT	ND	10.000	UGL
319.2	07-nov-1988	99	BBHC	ND	3.000	UGL
319.2	07-nov-1988	99	BBZP	ND	10.000	UGL
319.2	07-nov-1988	99	BENSLF	ND	6.000	UGL
319.2	07-nov-1988	99	BENZID	ND	50.000	UGL
319.2	07-nov-1988	99	BGHIPY	ND	10.000	UGL
319.2	07-nov-1988	99	BKFANT	ND	10.000	UGL
319.2	07-nov-1988	99	CHRY	ND	10.000	UGL
319.2	07-nov-1988	99	CL6BZ	ND	10.000	UGL
319.2	07-nov-1988	99	CL6CP	ND	10.000	UGL
319.2	07-nov-1988	99	CL6ET	ND	10.000	UGL
319.2	07-nov-1988	99	CLDAN	ND	3.000	UGL
319.2	07-nov-1988	99	DBAHA	ND	10.000	UGL
319.2	07-nov-1988	99	DBHC	ND	3.000	UGL
319.2	07-nov-1988	99	DEP	ND	10.000	UGL
319.2	07-nov-1988	99	DLDRN	ND	6.000	UGL
319.2	07-nov-1988	99	DMP	ND	10.000	UGL
319.2	07-nov-1988	99	DNBP	ND	10.000	UGL
319.2	07-nov-1988	99	DNOP	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-112-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
319.2	07-nov-1988	99	ENDRN	ND	6.000	UGL
319.2	07-nov-1988	99	ENDRNA	ND	20.000	UGL
319.2	07-nov-1988	99	ESFSO4	ND	6.000	UGL
319.2	07-nov-1988	99	FANT	ND	10.000	UGL
319.2	07-nov-1988	99	FLRENE	ND	10.000	UGL
319.2	07-nov-1988	99	HCBD	ND	10.000	UGL
319.2	07-nov-1988	99	HPCL	ND	3.000	UGL
319.2	07-nov-1988	99	HPCLE	ND	3.000	UGL
319.2	07-nov-1988	99	ICDPYR	ND	10.000	UGL
319.2	07-nov-1988	99	ISOPHR	ND	10.000	UGL
319.2	07-nov-1988	99	LIN	LT	1.090	UGL
319.2	07-nov-1988	99	NAP	ND	10.000	UGL
319.2	07-nov-1988	99	NB	ND	10.000	UGL
319.2	07-nov-1988	99	NNDMEA	ND	10.000	UGL
319.2	07-nov-1988	99	NNDPA	ND	10.000	UGL
319.2	07-nov-1988	99	PCB016	ND	30.000	UGL
319.2	07-nov-1988	99	PCB221	ND	30.000	UGL
319.2	07-nov-1988	99	PCB232	ND	30.000	UGL
319.2	07-nov-1988	99	PCB242	ND	30.000	UGL
319.2	07-nov-1988	99	PCB248	ND	30.000	UGL
319.2	07-nov-1988	99	PCB254	ND	60.000	UGL
319.2	07-nov-1988	99	PCB260	ND	60.000	UGL
319.2	07-nov-1988	99	PCP	ND	50.000	UGL
319.2	07-nov-1988	99	PHANTR	ND	10.000	UGL
319.2	07-nov-1988	99	PHENOL	ND	10.000	UGL
319.2	07-nov-1988	99	PPDDD	ND	6.000	UGL
319.2	07-nov-1988	99	PYR	ND	10.000	UGL
319.2	07-nov-1988	99	TXPHEN	ND	60.000	UGL
319.2	07-nov-1988	SB09	HG	LT	0.170	UGL
319.2	07-nov-1988	SB09	HG	LT	0.170	UGL
319.2	07-nov-1988	SD01	AG		2.560	UGL
319.2	07-nov-1988	SD01	AG		0.213	UGL
319.2	07-nov-1988	SD01	AS		6.110	UGL
319.2	07-nov-1988	SD01	AS	LT	5.180	UGL
319.2	07-nov-1988	SD01	BE		1.610	UGL
319.2	07-nov-1988	SD01	BE	LT	0.104	UGL
319.2	07-nov-1988	SD01	CD	LT	5.480	UGL
319.2	07-nov-1988	SD01	CD	LT	5.480	UGL
319.2	07-nov-1988	SD01	CR		51.900	UGL
319.2	07-nov-1988	SD01	CR	LT	36.100	UGL
319.2	07-nov-1988	SD01	CU		220.000	UGL
319.2	07-nov-1988	SD01	CU	LT	1.910	UGL
319.2	07-nov-1988	SD01	PB		45.100	UGL
319.2	07-nov-1988	SD01	PB	LT	2.530	UGL
319.2	07-nov-1988	SD01	SB	LT	3.410	UGL
319.2	07-nov-1988	SD01	SB	LT	3.410	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-112-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
319.2	07-nov-1988	SD01	SE	LT	4.810	UGL
319.2	07-nov-1988	SD01	SE		6.150	UGL
319.2	07-nov-1988	SD01	TL	LT	5.040	UGL
319.2	07-nov-1988	SD01	TL	LT	5.040	UGL
319.2	07-nov-1988	SS07	BA		488.000	UGL
319.2	07-nov-1988	SS07	BA		83.400	UGL
319.2	07-nov-1988	SS07	NI		184.000	UGL
319.2	07-nov-1988	SS07	NI		42.000	UGL
319.2	07-nov-1988	SS07	ZN		438.000	UGL
319.2	07-nov-1988	SS07	ZN		65.700	UGL
319.2	07-nov-1988	TF01	NIT		10000.000	UGL
319.2	07-nov-1988	TT01	SO4		154000.000	UGL
3.1	07-nov-1988	UM20	111TCE	LT	0.500	UGL
3.1	07-nov-1988	UM20	112TCE	LT	1.200	UGL
3.1	07-nov-1988	UM20	11DCE	LT	0.500	UGL
3.1	07-nov-1988	UM20	11DCLE	LT	0.680	UGL
3.1	07-nov-1988	UM20	12DCE	LT	0.500	UGL
3.1	07-nov-1988	UM20	12DCLE	LT	0.500	UGL
3.1	07-nov-1988	UM20	12DCLP	LT	0.500	UGL
3.1	07-nov-1988	UM20	2CLEVE	LT	0.710	UGL
3.1	07-nov-1988	UM20	ACET	LT	13.000	UGL
3.1	07-nov-1988	UM20	ACROLN	ND	100.000	UGL
3.1	07-nov-1988	UM20	ACRYLO	ND	100.000	UGL
3.1	07-nov-1988	UM20	BRDCLM	LT	0.590	UGL
3.1	07-nov-1988	UM20	C13DCP	LT	0.580	UGL
3.1	07-nov-1988	UM20	C2AVE	LT	8.300	UGL
3.1	07-nov-1988	UM20	C2H3CL	LT	2.600	UGL
3.1	07-nov-1988	UM20	C2H5CL	LT	1.900	UGL
3.1	07-nov-1988	UM20	C6H6	LT	0.500	UGL
3.1	07-nov-1988	UM20	CCL3F	LT	1.400	UGL
3.1	07-nov-1988	UM20	CCL4	LT	0.580	UGL
3.1	07-nov-1988	UM20	CH2CL2	LT	2.300	UGL
3.1	07-nov-1988	UM20	CH3BR	LT	5.800	UGL
3.1	07-nov-1988	UM20	CH3CL	LT	3.200	UGL
3.1	07-nov-1988	UM20	CHBR3	LT	2.600	UGL
3.1	07-nov-1988	UM20	CHCL3	LT	0.500	UGL
3.1	07-nov-1988	UM20	CL2BZ	ND	10.000	UGL
3.1	07-nov-1988	UM20	CLC6H5	LT	0.500	UGL
3.1	07-nov-1988	UM20	CS2	LT	0.500	UGL
3.1	07-nov-1988	UM20	DBRCLM	LT	0.670	UGL
3.1	07-nov-1988	UM20	ETC6H5	LT	0.500	UGL
3.1	07-nov-1988	UM20	MEC6H5	LT	0.500	UGL
3.1	07-nov-1988	UM20	MEK	LT	6.400	UGL
3.1	07-nov-1988	UM20	MIBK	LT	3.000	UGL

Site: WELL N-112-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
3.1	07-nov-1988	UM20	MNBK	LT	3.600	UGL
3.1	07-nov-1988	UM20	STYR	LT	0.500	UGL
3.1	07-nov-1988	UM20	T13DCP	LT	0.700	UGL
3.1	07-nov-1988	UM20	TCLEA	LT	0.510	UGL
3.1	07-nov-1988	UM20	TCLEE	LT	1.600	UGL
3.1	07-nov-1988	UM20	TRCLE	LT	0.500	UGL
3.1	07-nov-1988	UM20	XYLEN	LT	0.840	UGL
319.2	07-nov-1988	UW01	135TNB	LT	0.560	UGL
319.2	07-nov-1988	UW01	13DNB	LT	0.610	UGL
319.2	07-nov-1988	UW01	246TNT	LT	0.780	UGL
319.2	07-nov-1988	UW01	24DNT	LT	0.600	UGL
319.2	07-nov-1988	UW01	26DNT	LT	0.550	UGL
319.2	07-nov-1988	UW01	HMX	LT	1.300	UGL
319.2	07-nov-1988	UW01	NB	LT	1.130	UGL
319.2	07-nov-1988	UW01	RDX	LT	0.630	UGL
319.2	07-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-114-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
324.2	07-nov-1988	99	124TCB	ND	10.000	UGL
324.2	07-nov-1988	99	12DCLB	ND	10.000	UGL
324.2	07-nov-1988	99	12DPH	ND	10.000	UGL
324.2	07-nov-1988	99	13DCLB	ND	10.000	UGL
324.2	07-nov-1988	99	14DCLB	ND	10.000	UGL
324.2	07-nov-1988	99	246TCP	ND	10.000	UGL
324.2	07-nov-1988	99	24DCLP	ND	10.000	UGL
324.2	07-nov-1988	99	24DMPN	ND	10.000	UGL
324.2	07-nov-1988	99	24DNP	ND	10.000	UGL
324.2	07-nov-1988	99	24DNT	ND	10.000	UGL
324.2	07-nov-1988	99	26DNT	ND	10.000	UGL
324.2	07-nov-1988	99	2CLP	ND	10.000	UGL
324.2	07-nov-1988	99	2CNAP	ND	10.000	UGL
324.2	07-nov-1988	99	2NP	ND	10.000	UGL
324.2	07-nov-1988	99	33DCBD	ND	20.000	UGL
324.2	07-nov-1988	99	46DN2C	ND	50.000	UGL
324.2	07-nov-1988	99	4CL3C	ND	10.000	UGL
324.2	07-nov-1988	99	4CLPPE	ND	10.000	UGL
324.2	07-nov-1988	99	ABHC	ND	3.000	UGL
324.2	07-nov-1988	99	AENSLF	ND	3.000	UGL
324.2	07-nov-1988	99	ALDRN	ND	3.000	UGL
324.2	07-nov-1988	99	ANAPNE	ND	10.000	UGL
324.2	07-nov-1988	99	ANAPYL	ND	10.000	UGL
324.2	07-nov-1988	99	ANTRC	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
324.2	07-nov-1988	99	B2CEXM	ND	10.000	UGL
324.2	07-nov-1988	99	B2CLEE	ND	10.000	UGL
324.2	07-nov-1988	99	B2EHP		790.000	UGL
324.2	07-nov-1988	99	BAANTR	ND	10.000	UGL
324.2	07-nov-1988	99	BAPYR	ND	10.000	UGL
324.2	07-nov-1988	99	BBFANT	ND	10.000	UGL
324.2	07-nov-1988	99	BBHC	ND	3.000	UGL
324.2	07-nov-1988	99	BBZP	ND	10.000	UGL
324.2	07-nov-1988	99	BENSLF	ND	6.000	UGL
324.2	07-nov-1988	99	BENZID	ND	50.000	UGL
324.2	07-nov-1988	99	BGHIPY	ND	10.000	UGL
324.2	07-nov-1988	99	BKFANT	ND	10.000	UGL
324.2	07-nov-1988	99	CHRY	ND	10.000	UGL
324.2	07-nov-1988	99	CL6BZ	ND	10.000	UGL
324.2	07-nov-1988	99	CL6CP	ND	10.000	UGL
324.2	07-nov-1988	99	CL6ET	ND	10.000	UGL
324.2	07-nov-1988	99	CLDAN	ND	3.000	UGL
324.2	07-nov-1988	99	DBAHA	ND	10.000	UGL
324.2	07-nov-1988	99	DBHC	ND	3.000	UGL
324.2	07-nov-1988	99	DEP	ND	10.000	UGL
324.2	07-nov-1988	99	DLDRN	ND	6.000	UGL
324.2	07-nov-1988	99	DMP	ND	10.000	UGL
324.2	07-nov-1988	99	DNBP	ND	10.000	UGL
324.2	07-nov-1988	99	DNOP	ND	10.000	UGL
324.2	07-nov-1988	99	ENDRN	ND	6.000	UGL
324.2	07-nov-1988	99	ENDRNA	ND	20.000	UGL
324.2	07-nov-1988	99	ESFSO4	ND	6.000	UGL
324.2	07-nov-1988	99	FANT	ND	10.000	UGL
324.2	07-nov-1988	99	FLRENE	ND	10.000	UGL
324.2	07-nov-1988	99	HCBD	ND	10.000	UGL
324.2	07-nov-1988	99	HPCL	ND	3.000	UGL
324.2	07-nov-1988	99	HPCLE	ND	3.000	UGL
324.2	07-nov-1988	99	ICDPYR	ND	10.000	UGL
324.2	07-nov-1988	99	ISOPHR	ND	10.000	UGL
324.2	07-nov-1988	99	LIN	LT	1.090	UGL
324.2	07-nov-1988	99	NAP	ND	10.000	UGL
324.2	07-nov-1988	99	NB	ND	10.000	UGL
324.2	07-nov-1988	99	NNDMEA	ND	10.000	UGL
324.2	07-nov-1988	99	NNDPA	ND	10.000	UGL
324.2	07-nov-1988	99	PCB016	ND	30.000	UGL
324.2	07-nov-1988	99	PCB221	ND	30.000	UGL
324.2	07-nov-1988	99	PCB232	ND	30.000	UGL
324.2	07-nov-1988	99	PCB242	ND	30.000	UGL
324.2	07-nov-1988	99	PCB248	ND	30.000	UGL
324.2	07-nov-1988	99	PCB254	ND	60.000	UGL
324.2	07-nov-1988	99	PCB260	ND	60.000	UGL
324.2	07-nov-1988	99	PCP	ND	50.000	UGL
324.2	07-nov-1988	99	PHANTR	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
324.2	07-nov-1988	99	PHENOL	ND	10.000	UGL
324.2	07-nov-1988	99	PPDDD	ND	6.000	UGL
324.2	07-nov-1988	99	PYR	ND	10.000	UGL
324.2	07-nov-1988	99	TXPHEN	ND	60.000	UGL
324.2	07-nov-1988	SB09	HG	LT	0.170	UGL
324.2	07-nov-1988	SB09	HG	LT	0.170	UGL
324.2	07-nov-1988	SD01	AG	LT	0.202	UGL
324.2	07-nov-1988	SD01	AG	LT	0.202	UGL
324.2	07-nov-1988	SD01	AS		7.660	UGL
324.2	07-nov-1988	SD01	AS	LT	5.180	UGL
324.2	07-nov-1988	SD01	BE	LT	0.104	UGL
324.2	07-nov-1988	SD01	BE	LT	0.104	UGL
324.2	07-nov-1988	SD01	CD	LT	5.480	UGL
324.2	07-nov-1988	SD01	CD	LT	5.480	UGL
324.2	07-nov-1988	SD01	CR	LT	36.100	UGL
324.2	07-nov-1988	SD01	CR	LT	36.100	UGL
324.2	07-nov-1988	SD01	CU		37.300	UGL
324.2	07-nov-1988	SD01	CU		12.300	UGL
324.2	07-nov-1988	SD01	PB		24.200	UGL
324.2	07-nov-1988	SD01	PB	LT	2.530	UGL
324.2	07-nov-1988	SD01	SB	LT	3.410	UGL
324.2	07-nov-1988	SD01	SB	LT	3.410	UGL
324.2	07-nov-1988	SD01	SE	LT	4.810	UGL
324.2	07-nov-1988	SD01	SE	LT	4.810	UGL
324.2	07-nov-1988	SD01	TL	LT	5.040	UGL
324.2	07-nov-1988	SD01	TL	LT	5.040	UGL
324.2	07-nov-1988	SS07	BA		107.000	UGL
324.2	07-nov-1988	SS07	BA		93.200	UGL
324.2	07-nov-1988	SS07	NI		294.000	UGL
324.2	07-nov-1988	SS07	NI	LT	9.600	UGL
324.2	07-nov-1988	SS07	ZN		470.000	UGL
324.2	07-nov-1988	SS07	ZN		64.600	UGL
324.2	07-nov-1988	TF01	NIT		5000.000	UGL
324.2	07-nov-1988	TT01	SO4		218000.000	UGL
3.2	07-nov-1988	UM20	111TCE	LT	0.500	UGL
3.2	07-nov-1988	UM20	112TCE	LT	1.200	UGL
3.2	07-nov-1988	UM20	11DCE	LT	0.500	UGL
3.2	07-nov-1988	UM20	11DCLE	LT	0.680	UGL
3.2	07-nov-1988	UM20	12DCE	LT	0.500	UGL
3.2	07-nov-1988	UM20	12DCLE	LT	0.500	UGL
3.2	07-nov-1988	UM20	12DCLP	LT	0.500	UGL
3.2	07-nov-1988	UM20	2CLEVE	LT	0.710	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
3.2	07-nov-1988	UM20	ACET	LT	13.000	UGL
3.2	07-nov-1988	UM20	ACROLN	ND	100.000	UGL
3.2	07-nov-1988	UM20	ACRYLO	ND	100.000	UGL
3.2	07-nov-1988	UM20	BROCLM	LT	0.590	UGL
3.2	07-nov-1988	UM20	C13DCP	LT	0.580	UGL
3.2	07-nov-1988	UM20	C2AVE	LT	8.300	UGL
3.2	07-nov-1988	UM20	C2H3CL	LT	2.600	UGL
3.2	07-nov-1988	UM20	C2H5CL	LT	1.900	UGL
3.2	07-nov-1988	UM20	C6H6	LT	0.500	UGL
3.2	07-nov-1988	UM20	CCL3F	LT	1.400	UGL
3.2	07-nov-1988	UM20	CCL4	LT	0.580	UGL
3.2	07-nov-1988	UM20	CH2CL2	LT	2.300	UGL
3.2	07-nov-1988	UM20	CH3BR	LT	5.800	UGL
3.2	07-nov-1988	UM20	CH3CL	LT	3.200	UGL
3.2	07-nov-1988	UM20	CHBR3	LT	2.600	UGL
3.2	07-nov-1988	UM20	CHCL3	LT	0.500	UGL
3.2	07-nov-1988	UM20	CL2BZ	ND	10.000	UGL
3.2	07-nov-1988	UM20	CLC6H5	LT	0.500	UGL
3.2	07-nov-1988	UM20	CS2	LT	0.500	UGL
3.2	07-nov-1988	UM20	DBRCLM	LT	0.670	UGL
3.2	07-nov-1988	UM20	ETC6H5	LT	0.500	UGL
3.2	07-nov-1988	UM20	MEC6H5	LT	0.500	UGL
3.2	07-nov-1988	UM20	MEK	LT	6.400	UGL
3.2	07-nov-1988	UM20	MIBK	LT	3.000	UGL
3.2	07-nov-1988	UM20	MNBK	LT	3.600	UGL
3.2	07-nov-1988	UM20	STYR	LT	0.500	UGL
3.2	07-nov-1988	UM20	T13DCP	LT	0.700	UGL
3.2	07-nov-1988	UM20	TCLEA	LT	0.510	UGL
3.2	07-nov-1988	UM20	TCLEE	LT	1.600	UGL
3.2	07-nov-1988	UM20	TRCLE	LT	0.500	UGL
3.2	07-nov-1988	UM20	XYLEN	LT	0.840	UGL
324.2	07-nov-1988	UW01	135TNB	LT	0.560	UGL
324.2	07-nov-1988	UW01	13DNB	LT	0.610	UGL
324.2	07-nov-1988	UW01	246TNT	LT	0.780	UGL
324.2	07-nov-1988	UW01	24DNT	LT	0.600	UGL
324.2	07-nov-1988	UW01	26DNT	LT	0.550	UGL
324.2	07-nov-1988	UW01	HMX	LT	1.300	UGL
324.2	07-nov-1988	UW01	NB	LT	1.130	UGL
324.2	07-nov-1988	UW01	RDX	LT	0.630	UGL
324.2	07-nov-1988	UW01	TETRYL	LT	0.660	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-115-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
285.9	15-nov-1988	99	111TCE	ND	5.000	UGL
285.9	15-nov-1988	99	112TCE	ND	5.000	UGL
285.9	15-nov-1988	99	11DCE	LT	1.920	UGL
285.9	15-nov-1988	99	11DCLE	ND	5.000	UGL
286.0	15-nov-1988	99	124TCB	ND	10.000	UGL
286.0	15-nov-1988	99	12DCLB	ND	10.000	UGL
285.9	15-nov-1988	99	12DCLB	ND	10.000	UGL
285.9	15-nov-1988	99	12DCLE	ND	5.000	UGL
285.9	15-nov-1988	99	12DCLP	ND	5.000	UGL
286.0	15-nov-1988	99	12DPH	ND	10.000	UGL
286.0	15-nov-1988	99	13DCLB	ND	10.000	UGL
285.9	15-nov-1988	99	13DCLB	ND	10.000	UGL
286.0	15-nov-1988	99	14DCLB	ND	10.000	UGL
285.9	15-nov-1988	99	14DCLB	ND	10.000	UGL
286.0	15-nov-1988	99	246TCP	ND	10.000	UGL
286.0	15-nov-1988	99	24DCLP	ND	10.000	UGL
286.0	15-nov-1988	99	24DMPN	ND	10.000	UGL
286.0	15-nov-1988	99	24DNP	ND	10.000	UGL
286.0	15-nov-1988	99	24DNT	ND	10.000	UGL
286.0	15-nov-1988	99	26DNT	ND	10.000	UGL
285.9	15-nov-1988	99	2CLEVE	ND	5.000	UGL
286.0	15-nov-1988	99	2CLP	ND	10.000	UGL
286.0	15-nov-1988	99	2CNAP	ND	10.000	UGL
286.0	15-nov-1988	99	2NP	ND	10.000	UGL
286.0	15-nov-1988	99	33DCBD	ND	20.000	UGL
286.0	15-nov-1988	99	46DN2C	ND	50.000	UGL
286.0	15-nov-1988	99	4CL3C	ND	10.000	UGL
286.0	15-nov-1988	99	4CLPPE	ND	10.000	UGL
286.0	15-nov-1988	99	ABHC	ND	3.000	UGL
286.0	15-nov-1988	99	AENSLF	ND	3.000	UGL
286.0	15-nov-1988	99	ALDRN	ND	3.000	UGL
286.0	15-nov-1988	99	ANAPNE	ND	10.000	UGL
286.0	15-nov-1988	99	ANAPYL	ND	10.000	UGL
286.0	15-nov-1988	99	ANTRC	ND	10.000	UGL
286.0	15-nov-1988	99	B2CEXM	ND	10.000	UGL
286.0	15-nov-1988	99	B2CLEE	ND	10.000	UGL
286.0	15-nov-1988	99	B2EHP	ND	10.000	UGL
286.0	15-nov-1988	99	BAANTR	ND	10.000	UGL
286.0	15-nov-1988	99	BAPYR	ND	10.000	UGL
286.0	15-nov-1988	99	BBFANT	ND	10.000	UGL
286.0	15-nov-1988	99	BBHC	ND	3.000	UGL
286.0	15-nov-1988	99	BBZP	ND	10.000	UGL
286.0	15-nov-1988	99	BENSLF	ND	6.000	UGL
286.0	15-nov-1988	99	BENZID	ND	50.000	UGL
286.0	15-nov-1988	99	BGHIPY	ND	10.000	UGL
286.0	15-nov-1988	99	BKFANT	ND	10.000	UGL
285.9	15-nov-1988	99	BRDCLM	ND	5.000	UGL
285.9	15-nov-1988	99	C13DCP	ND	5.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-115-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
285.9	15-nov-1988	99	C2H3CL	LT	3.860	UGL
285.9	15-nov-1988	99	C2H5CL	ND	10.000	UGL
285.9	15-nov-1988	99	C6H6	LT	0.673	UGL
285.9	15-nov-1988	99	CCL4	ND	5.000	UGL
285.9	15-nov-1988	99	CH2CL2	ND	5.000	UGL
285.9	15-nov-1988	99	CH3BR	ND	10.000	UGL
285.9	15-nov-1988	99	CH3CL	ND	10.000	UGL
285.9	15-nov-1988	99	CHBR3	ND	5.000	UGL
285.9	15-nov-1988	99	CHCL3	ND	5.000	UGL
286.0	15-nov-1988	99	CHRY	ND	10.000	UGL
286.0	15-nov-1988	99	CL6BZ	ND	10.000	UGL
286.0	15-nov-1988	99	CL6CP	ND	10.000	UGL
286.0	15-nov-1988	99	CL6ET	ND	10.000	UGL
285.9	15-nov-1988	99	CLC6H5	ND	5.000	UGL
286.0	15-nov-1988	99	CLDAN	ND	3.000	UGL
286.0	15-nov-1988	99	DBAHA	ND	10.000	UGL
286.0	15-nov-1988	99	DBHC	ND	3.000	UGL
285.9	15-nov-1988	99	DBRCLM	ND	5.000	UGL
286.0	15-nov-1988	99	DEP	ND	10.000	UGL
286.0	15-nov-1988	99	DLDRN	ND	6.000	UGL
286.0	15-nov-1988	99	DMP	ND	10.000	UGL
286.0	15-nov-1988	99	DNBP	ND	10.000	UGL
286.0	15-nov-1988	99	DNOP	ND	10.000	UGL
286.0	15-nov-1988	99	ENDRN	ND	6.000	UGL
286.0	15-nov-1988	99	ENDRNA	ND	20.000	UGL
286.0	15-nov-1988	99	ESFSO4	ND	6.000	UGL
285.9	15-nov-1988	99	ETC6H5	ND	5.000	UGL
286.0	15-nov-1988	99	FANT	ND	10.000	UGL
286.0	15-nov-1988	99	FLRENE	ND	10.000	UGL
286.0	15-nov-1988	99	HCBD	ND	10.000	UGL
286.0	15-nov-1988	99	HPCL	ND	3.000	UGL
286.0	15-nov-1988	99	HPCLE	ND	3.000	UGL
286.0	15-nov-1988	99	ICDPYR	ND	10.000	UGL
286.0	15-nov-1988	99	ISOPHR	ND	10.000	UGL
286.0	15-nov-1988	99	LIN	LT	1.090	UGL
285.9	15-nov-1988	99	MEC6H5	ND	5.000	UGL
286.0	15-nov-1988	99	NAP	ND	10.000	UGL
286.0	15-nov-1988	99	NB	ND	10.000	UGL
286.0	15-nov-1988	99	NNDMEA	ND	10.000	UGL
286.0	15-nov-1988	99	NNDPA	ND	10.000	UGL
286.0	15-nov-1988	99	PCB016	ND	30.000	UGL
286.0	15-nov-1988	99	PCB221	ND	30.000	UGL
286.0	15-nov-1988	99	PCB232	ND	30.000	UGL
286.0	15-nov-1988	99	PCB242	ND	30.000	UGL
286.0	15-nov-1988	99	PCB248	ND	30.000	UGL
286.0	15-nov-1988	99	PCB254	ND	60.000	UGL
286.0	15-nov-1988	99	PCB260	ND	60.000	UGL
286.0	15-nov-1988	99	PCP	ND	50.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-115-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
286.0	15-nov-1988	99	PHANTR	ND	10.000	UGL
286.0	15-nov-1988	99	PHENOL	ND	10.000	UGL
286.0	15-nov-1988	99	PPDDD	ND	6.000	UGL
286.0	15-nov-1988	99	PYR	ND	10.000	UGL
285.9	15-nov-1988	99	T12DCE	LT	1.720	UGL
285.9	15-nov-1988	99	T13DCP	ND	5.000	UGL
285.9	15-nov-1988	99	TCLEA	ND	5.000	UGL
285.9	15-nov-1988	99	TCLEE	ND	5.000	UGL
285.9	15-nov-1988	99	TRCLE		4.170	UGL
286.0	15-nov-1988	99	TXPHEN	ND	60.000	UGL
285.9	15-nov-1988	99	UNK105		13.000	UGL
285.9	15-nov-1988	99	UNK141		190.000	UGL
285.9	15-nov-1988	99	UNK156		50.000	UGL
285.9	15-nov-1988	SB09	HG	LT	0.170	UGL
285.9	15-nov-1988	SB09	HG	LT	0.170	UGL
286.0	15-nov-1988	SD01	AG	LT	0.202	UGL
286.0	15-nov-1988	SD01	AG		0.532	UGL
286.0	15-nov-1988	SD01	AS		5.380	UGL
286.0	15-nov-1988	SD01	AS	LT	5.180	UGL
286.0	15-nov-1988	SD01	BE	LT	0.104	UGL
286.0	15-nov-1988	SD01	BE	LT	0.104	UGL
286.0	15-nov-1988	SD01	CD	LT	5.480	UGL
286.0	15-nov-1988	SD01	CD	LT	5.480	UGL
286.0	15-nov-1988	SD01	CR	LT	36.100	UGL
286.0	15-nov-1988	SD01	CR	LT	36.100	UGL
286.0	15-nov-1988	SD01	CU		17.000	UGL
286.0	15-nov-1988	SD01	CU		6.540	UGL
286.0	15-nov-1988	SD01	PB		17.800	UGL
286.0	15-nov-1988	SD01	PB		4.150	UGL
286.0	15-nov-1988	SD01	SB	LT	3.410	UGL
286.0	15-nov-1988	SD01	SB	LT	3.410	UGL
286.0	15-nov-1988	SD01	SE	LT	4.810	UGL
286.0	15-nov-1988	SD01	SE	LT	4.810	UGL
286.0	15-nov-1988	SD01	TL	LT	5.040	UGL
286.0	15-nov-1988	SD01	TL	LT	5.040	UGL
286.0	15-nov-1988	SS07	BA		99.700	UGL
286.0	15-nov-1988	SS07	BA		107.000	UGL
286.0	15-nov-1988	SS07	NI		58.300	UGL
286.0	15-nov-1988	SS07	NI	LT	9.600	UGL
286.0	15-nov-1988	SS07	ZN		1900.000	UGL
286.0	15-nov-1988	SS07	ZN		2400.000	UGL
286.0	15-nov-1988	TF01	NIT		174000.000	UGL
285.9	15-nov-1988	TT01	SO4		174000.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-115-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
285.9	15-nov-1988	UW01	135TNB	LT	0.560	UGL
285.9	15-nov-1988	UW01	13DNB	LT	0.610	UGL
285.9	15-nov-1988	UW01	246TNT	LT	0.780	UGL
285.9	15-nov-1988	UW01	24DNT	LT	0.600	UGL
285.9	15-nov-1988	UW01	26DNT	LT	0.550	UGL
285.9	15-nov-1988	UW01	HMX	LT	1.300	UGL
285.9	15-nov-1988	UW01	NB	LT	1.130	UGL
285.9	15-nov-1988	UW01	RDX		8.560	UGL
285.9	15-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-116-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
274.9	15-nov-1988	99	111TCE	ND	5.000	UGL
274.9	15-nov-1988	99	112TCE	ND	5.000	UGL
274.9	15-nov-1988	99	11DCE	LT	1.920	UGL
274.9	15-nov-1988	99	11DCLE	ND	5.000	UGL
275.0	15-nov-1988	99	124TCB	ND	10.000	UGL
275.0	15-nov-1988	99	12DCLB	ND	10.000	UGL
274.9	15-nov-1988	99	12DCLB	ND	10.000	UGL
274.9	15-nov-1988	99	12DCLE	ND	5.000	UGL
274.9	15-nov-1988	99	12DCLP	ND	5.000	UGL
275.0	15-nov-1988	99	12DPH	ND	10.000	UGL
275.0	15-nov-1988	99	13DCLB	ND	10.000	UGL
274.9	15-nov-1988	99	13DCLB	ND	10.000	UGL
275.0	15-nov-1988	99	14DCLB	ND	10.000	UGL
274.9	15-nov-1988	99	14DCLB	ND	10.000	UGL
275.0	15-nov-1988	99	246TCP	ND	10.000	UGL
275.0	15-nov-1988	99	24DCLP	ND	10.000	UGL
275.0	15-nov-1988	99	24DMPN	ND	10.000	UGL
275.0	15-nov-1988	99	24DNP	ND	10.000	UGL
275.0	15-nov-1988	99	24DNT	ND	10.000	UGL
275.0	15-nov-1988	99	26DNT	ND	10.000	UGL
274.9	15-nov-1988	99	2CLEVE	ND	5.000	UGL
275.0	15-nov-1988	99	2CLP	ND	10.000	UGL
275.0	15-nov-1988	99	2CNAP	ND	10.000	UGL
275.0	15-nov-1988	99	2NP	ND	10.000	UGL
275.0	15-nov-1988	99	33DCBD	ND	20.000	UGL
275.0	15-nov-1988	99	46DN2C	ND	50.000	UGL
275.0	15-nov-1988	99	4CL3C	ND	10.000	UGL
275.0	15-nov-1988	99	4CLPPE	ND	10.000	UGL
275.0	15-nov-1988	99	ABHC	ND	3.000	UGL
275.0	15-nov-1988	99	AENSLF	ND	3.000	UGL
275.0	15-nov-1988	99	ALDRN	ND	3.000	UGL
275.0	15-nov-1988	99	ANAPNE	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-116-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
275.0	15-nov-1988	99	ANAPYL	ND	10.000	UGL
275.0	15-nov-1988	99	ANTRC	ND	10.000	UGL
275.0	15-nov-1988	99	B2CEXM	ND	10.000	UGL
275.0	15-nov-1988	99	B2CLEE	ND	10.000	UGL
275.0	15-nov-1988	99	B2EHP	ND	10.000	UGL
275.0	15-nov-1988	99	BAANTR	ND	10.000	UGL
275.0	15-nov-1988	99	BAPYR	ND	10.000	UGL
275.0	15-nov-1988	99	BBFANT	ND	10.000	UGL
275.0	15-nov-1988	99	BBHC	ND	3.000	UGL
275.0	15-nov-1988	99	BBZP	ND	10.000	UGL
275.0	15-nov-1988	99	BENSLF	ND	6.000	UGL
275.0	15-nov-1988	99	BENZID	ND	50.000	UGL
275.0	15-nov-1988	99	BGHIPY	ND	10.000	UGL
275.0	15-nov-1988	99	BKFANT	ND	10.000	UGL
274.9	15-nov-1988	99	BRDCLM	ND	5.000	UGL
274.9	15-nov-1988	99	C13DCP	ND	5.000	UGL
274.9	15-nov-1988	99	C2H3CL	LT	3.860	UGL
274.9	15-nov-1988	99	C2H5CL	ND	10.000	UGL
274.9	15-nov-1988	99	C6H6	LT	0.673	UGL
274.9	15-nov-1988	99	CCL4	ND	5.000	UGL
274.9	15-nov-1988	99	CH2CL2	ND	5.000	UGL
274.9	15-nov-1988	99	CH3BR	ND	10.000	UGL
274.9	15-nov-1988	99	CH3CL	ND	10.000	UGL
274.9	15-nov-1988	99	CHBR3	ND	5.000	UGL
274.9	15-nov-1988	99	CHCL3	ND	5.000	UGL
275.0	15-nov-1988	99	CHRY	ND	10.000	UGL
275.0	15-nov-1988	99	CL6BZ	ND	10.000	UGL
275.0	15-nov-1988	99	CL6CP	ND	10.000	UGL
275.0	15-nov-1988	99	CL6ET	ND	10.000	UGL
274.9	15-nov-1988	99	CLC6H5	ND	5.000	UGL
275.0	15-nov-1988	99	CLDAN	ND	3.000	UGL
275.0	15-nov-1988	99	DBAHA	ND	10.000	UGL
275.0	15-nov-1988	99	DBHC	ND	3.000	UGL
274.9	15-nov-1988	99	DBRCLM	ND	5.000	UGL
275.0	15-nov-1988	99	DEP	ND	10.000	UGL
275.0	15-nov-1988	99	DLDRN	ND	6.000	UGL
275.0	15-nov-1988	99	DMP	ND	10.000	UGL
275.0	15-nov-1988	99	DNBP	ND	10.000	UGL
275.0	15-nov-1988	99	DNOP	ND	10.000	UGL
275.0	15-nov-1988	99	ENDRN	ND	6.000	UGL
275.0	15-nov-1988	99	ENDRNA	ND	20.000	UGL
275.0	15-nov-1988	99	ESFSO4	ND	6.000	UGL
274.9	15-nov-1988	99	ETC6H5	ND	5.000	UGL
275.0	15-nov-1988	99	FANT	ND	10.000	UGL
275.0	15-nov-1988	99	FLRENE	ND	10.000	UGL
275.0	15-nov-1988	99	HCBD	ND	10.000	UGL
275.0	15-nov-1988	99	HPCL	ND	3.000	UGL
275.0	15-nov-1988	99	HPCLE	ND	3.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-116-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
275.0	15-nov-1988	99	ICDPYR	ND	10.000	UGL
275.0	15-nov-1988	99	ISOPHR	ND	10.000	UGL
275.0	15-nov-1988	99	LIN	LT	1.090	UGL
274.9	15-nov-1988	99	MEC6H5	ND	5.000	UGL
275.0	15-nov-1988	99	NAP	ND	10.000	UGL
275.0	15-nov-1988	99	NB	ND	10.000	UGL
275.0	15-nov-1988	99	NNDMEA	ND	10.000	UGL
275.0	15-nov-1988	99	NNDPA	ND	10.000	UGL
275.0	15-nov-1988	99	PCB016	ND	30.000	UGL
275.0	15-nov-1988	99	PCB221	ND	30.000	UGL
275.0	15-nov-1988	99	PCB232	ND	30.000	UGL
275.0	15-nov-1988	99	PCB242	ND	30.000	UGL
275.0	15-nov-1988	99	PCB248	ND	30.000	UGL
275.0	15-nov-1988	99	PCB254	ND	60.000	UGL
275.0	15-nov-1988	99	PCB260	ND	60.000	UGL
275.0	15-nov-1988	99	PCP	ND	50.000	UGL
275.0	15-nov-1988	99	PHANTR	ND	10.000	UGL
275.0	15-nov-1988	99	PHENOL	ND	10.000	UGL
275.0	15-nov-1988	99	PPDDD	ND	6.000	UGL
275.0	15-nov-1988	99	PYR	ND	10.000	UGL
274.9	15-nov-1988	99	T12DCE		11.100	UGL
274.9	15-nov-1988	99	T13DCP	ND	5.000	UGL
274.9	15-nov-1988	99	TCLEA	ND	5.000	UGL
274.9	15-nov-1988	99	TCLEE	ND	5.000	UGL
274.9	15-nov-1988	99	TRCLE		47.600	UGL
275.0	15-nov-1988	99	TXPHEN	ND	60.000	UGL
274.9	15-nov-1988	99	UNK111		60.000	UGL
274.9	15-nov-1988	99	UNK142		40.000	UGL
274.9	15-nov-1988	99	UNK148		700.000	UGL
274.9	15-nov-1988	SB09	HG	LT	0.170	UGL
275.0	15-nov-1988	SB09	HG	LT	0.170	UGL
275.0	15-nov-1988	SD01	AG		0.319	UGL
275.0	15-nov-1988	SD01	AG	LT	0.202	UGL
275.0	15-nov-1988	SD01	AS		8.900	UGL
275.0	15-nov-1988	SD01	AS	LT	5.180	UGL
275.0	15-nov-1988	SD01	BE	LT	0.104	UGL
275.0	15-nov-1988	SD01	BE	LT	0.104	UGL
275.0	15-nov-1988	SD01	CD	LT	5.480	UGL
275.0	15-nov-1988	SD01	CD	LT	5.480	UGL
275.0	15-nov-1988	SD01	CR	LT	36.100	UGL
275.0	15-nov-1988	SD01	CR	LT	36.100	UGL
275.0	15-nov-1988	SD01	CU		36.400	UGL
275.0	15-nov-1988	SD01	CU		3.000	UGL
275.0	15-nov-1988	SD01	PB		21.300	UGL
275.0	15-nov-1988	SD01	PB	LT	2.530	UGL
275.0	15-nov-1988	SD01	SB	LT	3.410	UGL

Site: WELL N-116-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
275.0	15-nov-1988	SD01	SB	LT	3.410	UGL
275.0	15-nov-1988	SD01	SE	LT	4.810	UGL
275.0	15-nov-1988	SD01	SE	LT	4.810	UGL
275.0	15-nov-1988	SD01	TL	LT	5.040	UGL
275.0	15-nov-1988	SD01	TL	LT	5.040	UGL
275.0	15-nov-1988	SS07	BA		110.000	UGL
275.0	15-nov-1988	SS07	BA		70.500	UGL
275.0	15-nov-1988	SS07	NI		39.700	UGL
275.0	15-nov-1988	SS07	NI	LT	9.600	UGL
275.0	15-nov-1988	SS07	ZN		156.000	UGL
275.0	15-nov-1988	SS07	ZN		35.200	UGL
275.0	15-nov-1988	TF01	NIT		184000.000	UGL
274.9	15-nov-1988	TT01	SO4		184000.000	UGL
274.9	15-nov-1988	UW01	135TNB	LT	0.560	UGL
274.9	15-nov-1988	UW01	13DNB	LT	0.610	UGL
274.9	15-nov-1988	UW01	246TNT	LT	0.780	UGL
274.9	15-nov-1988	UW01	24DNT	LT	0.600	UGL
274.9	15-nov-1988	UW01	26DNT	LT	0.550	UGL
274.9	15-nov-1988	UW01	HMX	LT	1.300	UGL
274.9	15-nov-1988	UW01	NB	LT	1.130	UGL
274.9	15-nov-1988	UW01	RDX	LT	3.150	UGL
274.9	15-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-117-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
230.0	20-nov-1988	SB09	HG	LT	0.170	UGL
230.0	22-nov-1988	SB09	HG	LT	0.170	UGL
230.0	22-nov-1988	SD01	AG	LT	0.202	UGL
230.0	22-nov-1988	SD01	AG	LT	0.202	UGL
230.0	22-nov-1988	SD01	AS		5.490	UGL
230.0	22-nov-1988	SD01	AS	LT	5.180	UGL
230.0	22-nov-1988	SD01	BE	LT	0.104	UGL
230.0	22-nov-1988	SD01	BE	LT	0.104	UGL
230.0	22-nov-1988	SD01	CD	LT	5.480	UGL
230.0	22-nov-1988	SD01	CD	LT	5.480	UGL
230.0	22-nov-1988	SD01	CR	LT	36.100	UGL
230.0	22-nov-1988	SD01	CR	LT	36.100	UGL
230.0	22-nov-1988	SD01	CU		26.700	UGL
230.0	22-nov-1988	SD01	CU		4.610	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
230.0	22-nov-1988	SD01	PB		8.490	UGL
230.0	22-nov-1988	SD01	PB	LT	2.530	UGL
230.0	22-nov-1988	SD01	SB	LT	3.410	UGL
230.0	22-nov-1988	SD01	SB	LT	3.410	UGL
230.0	22-nov-1988	SD01	SE	LT	4.810	UGL
230.0	22-nov-1988	SD01	SE	LT	4.810	UGL
230.0	22-nov-1988	SD01	TL	LT	5.040	UGL
230.0	22-nov-1988	SD01	TL	LT	5.040	UGL
230.0	22-nov-1988	SS07	BA		94.800	UGL
230.0	22-nov-1988	SS07	BA		111.000	UGL
230.0	22-nov-1988	SS07	NI		11.100	UGL
230.0	22-nov-1988	SS07	NI	LT	9.600	UGL
230.0	22-nov-1988	SS07	ZN		529.000	UGL
230.0	22-nov-1988	SS07	ZN		302.000	UGL
230.0	22-nov-1988	TF01	NIT		8000.000	UGL
230.0	22-nov-1988	TT01	SO4		169000.000	UGL
229.9	22-nov-1988	UM15	124TCB	ND	10.000	UGL
229.9	22-nov-1988	UM15	12DCLB	ND	10.000	UGL
229.9	22-nov-1988	UM15	12DPH	ND	10.000	UGL
229.9	22-nov-1988	UM15	13DCLB	ND	10.000	UGL
229.9	22-nov-1988	UM15	14DCLB	ND	10.000	UGL
229.9	22-nov-1988	UM15	246TCP	ND	10.000	UGL
229.9	22-nov-1988	UM15	24DCLP	ND	10.000	UGL
229.9	22-nov-1988	UM15	24DMPN	ND	10.000	UGL
229.9	22-nov-1988	UM15	24DNP	ND	10.000	UGL
229.9	22-nov-1988	UM15	24DNT	ND	10.000	UGL
229.9	22-nov-1988	UM15	26DNT	ND	10.000	UGL
229.9	22-nov-1988	UM15	2CLP	ND	10.000	UGL
229.9	22-nov-1988	UM15	2CNAP	ND	10.000	UGL
229.9	22-nov-1988	UM15	2NP	ND	10.000	UGL
229.9	22-nov-1988	UM15	33DCBD	ND	20.000	UGL
229.9	22-nov-1988	UM15	46DN2C	ND	50.000	UGL
229.9	22-nov-1988	UM15	4CL3C	ND	10.000	UGL
229.9	22-nov-1988	UM15	4CLPPE	ND	10.000	UGL
229.9	22-nov-1988	UM15	ABHC	ND	3.000	UGL
229.9	22-nov-1988	UM15	AENSLF	ND	3.000	UGL
229.9	22-nov-1988	UM15	ALDRN	ND	3.000	UGL
229.9	22-nov-1988	UM15	ANAPNE	ND	10.000	UGL
229.9	22-nov-1988	UM15	ANAPYL	ND	10.000	UGL
229.9	22-nov-1988	UM15	ANTRC	ND	10.000	UGL
229.9	22-nov-1988	UM15	B2CEXM	ND	10.000	UGL
229.9	22-nov-1988	UM15	B2CLEE	ND	10.000	UGL
229.9	22-nov-1988	UM15	B2EHP	ND	10.000	UGL
229.9	22-nov-1988	UM15	BAANTR	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
229.9	22-nov-1988	UM15	BAPYR	ND	10.000	UGL
229.9	22-nov-1988	UM15	BBFANT	ND	10.000	UGL
229.9	22-nov-1988	UM15	BBHC	ND	3.000	UGL
229.9	22-nov-1988	UM15	BBZP	ND	10.000	UGL
229.9	22-nov-1988	UM15	BENSLF	ND	6.000	UGL
229.9	22-nov-1988	UM15	BENZID	ND	50.000	UGL
229.9	22-nov-1988	UM15	BGHIPY	ND	10.000	UGL
229.9	22-nov-1988	UM15	BKFANT	ND	10.000	UGL
229.9	22-nov-1988	UM15	CHRY	ND	10.000	UGL
229.9	22-nov-1988	UM15	CL6BZ	ND	10.000	UGL
229.9	22-nov-1988	UM15	CL6CP	ND	10.000	UGL
229.9	22-nov-1988	UM15	CL6ET	ND	10.000	UGL
229.9	22-nov-1988	UM15	CLDAN	ND	3.000	UGL
229.9	22-nov-1988	UM15	DBAHA	ND	10.000	UGL
229.9	22-nov-1988	UM15	DBHC	ND	3.000	UGL
229.9	22-nov-1988	UM15	DEP	ND	10.000	UGL
229.9	22-nov-1988	UM15	DLDRN	ND	6.000	UGL
229.9	22-nov-1988	UM15	DMP	ND	10.000	UGL
229.9	22-nov-1988	UM15	DNBP	ND	10.000	UGL
229.9	22-nov-1988	UM15	DNOP	ND	10.000	UGL
229.9	22-nov-1988	UM15	ENDRN	ND	6.000	UGL
229.9	22-nov-1988	UM15	ENDRNA	ND	20.000	UGL
229.9	22-nov-1988	UM15	ESFSO4	ND	6.000	UGL
229.9	22-nov-1988	UM15	FANT	ND	10.000	UGL
229.9	22-nov-1988	UM15	FLRENE	ND	10.000	UGL
229.9	22-nov-1988	UM15	HCBD	ND	10.000	UGL
229.9	22-nov-1988	UM15	HPCL	ND	3.000	UGL
229.9	22-nov-1988	UM15	HPCLE	ND	3.000	UGL
229.9	22-nov-1988	UM15	ICDPYR	ND	10.000	UGL
229.9	22-nov-1988	UM15	ISOPHR	ND	10.000	UGL
229.9	22-nov-1988	UM15	LIN	LT	1.090	UGL
229.9	22-nov-1988	UM15	NAP	ND	10.000	UGL
229.9	22-nov-1988	UM15	NB	ND	10.000	UGL
229.9	22-nov-1988	UM15	NNDMEA	ND	10.000	UGL
229.9	22-nov-1988	UM15	NNDPA	ND	10.000	UGL
229.9	22-nov-1988	UM15	PCB016	ND	30.000	UGL
229.9	22-nov-1988	UM15	PCB221	ND	30.000	UGL
229.9	22-nov-1988	UM15	PCB232	ND	30.000	UGL
229.9	22-nov-1988	UM15	PCB242	ND	30.000	UGL
229.9	22-nov-1988	UM15	PCB248	ND	30.000	UGL
229.9	22-nov-1988	UM15	PCB254	ND	60.000	UGL
229.9	22-nov-1988	UM15	PCB260	ND	60.000	UGL
229.9	22-nov-1988	UM15	PCP	ND	50.000	UGL
229.9	22-nov-1988	UM15	PHANTR	ND	10.000	UGL
229.9	22-nov-1988	UM15	PHENOL	ND	10.000	UGL
229.9	22-nov-1988	UM15	PPDDD	ND	6.000	UGL
229.9	22-nov-1988	UM15	PYR	ND	10.000	UGL
229.9	22-nov-1988	UM15	TXPHEN	ND	60.000	UGL

Site: WELL N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
230.0	22-nov-1988	UW01	135TNB	LT	0.560	UGL
230.0	22-nov-1988	UW01	13DNB	LT	0.610	UGL
230.0	22-nov-1988	UW01	246TNT	LT	0.780	UGL
230.0	22-nov-1988	UW01	24DNT	LT	0.600	UGL
230.0	22-nov-1988	UW01	26DNT	LT	0.550	UGL
230.0	22-nov-1988	UW01	HMX	LT	1.300	UGL
230.0	22-nov-1988	UW01	NB	LT	1.130	UGL
230.0	22-nov-1988	UW01	RDX	LT	0.630	UGL
230.0	22-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-118-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	08-nov-1988	99	124TCB	ND	10.000	UGL
250.0	08-nov-1988	99	124TCB	ND	10.000	UGL
0.0	08-nov-1988	99	12DCLB	ND	10.000	UGL
250.0	08-nov-1988	99	12DCLB	ND	10.000	UGL
0.0	08-nov-1988	99	12DPH	ND	10.000	UGL
250.0	08-nov-1988	99	12DPH	ND	10.000	UGL
0.0	08-nov-1988	99	13DCLB	ND	10.000	UGL
250.0	08-nov-1988	99	13DCLB	ND	10.000	UGL
0.0	08-nov-1988	99	14DCLB	ND	10.000	UGL
250.0	08-nov-1988	99	14DCLB	ND	10.000	UGL
0.0	08-nov-1988	99	246TCP	ND	10.000	UGL
250.0	08-nov-1988	99	246TCP	ND	10.000	UGL
0.0	08-nov-1988	99	24DCLP	ND	10.000	UGL
250.0	08-nov-1988	99	24DCLP	ND	10.000	UGL
0.0	08-nov-1988	99	24DMPN	ND	10.000	UGL
250.0	08-nov-1988	99	24DMPN	ND	10.000	UGL
0.0	08-nov-1988	99	24DNP	ND	10.000	UGL
250.0	08-nov-1988	99	24DNP	ND	10.000	UGL
0.0	08-nov-1988	99	24DNT	ND	10.000	UGL
250.0	08-nov-1988	99	24DNT	ND	10.000	UGL
0.0	08-nov-1988	99	26DNT	ND	10.000	UGL
250.0	08-nov-1988	99	26DNT	ND	10.000	UGL
0.0	08-nov-1988	99	2CLP	ND	10.000	UGL
250.0	08-nov-1988	99	2CLP	ND	10.000	UGL
0.0	08-nov-1988	99	2CNAP	ND	10.000	UGL
250.0	08-nov-1988	99	2CNAP	ND	10.000	UGL
0.0	08-nov-1988	99	2NP	ND	10.000	UGL
250.0	08-nov-1988	99	2NP	ND	10.000	UGL
0.0	08-nov-1988	99	33DCBD	ND	20.000	UGL
250.0	08-nov-1988	99	33DCBD	ND	20.000	UGL
0.0	08-nov-1988	99	46DN2C	ND	50.000	UGL
250.0	08-nov-1988	99	46DN2C	ND	50.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-118-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	08-nov-1988	99	4CL3C	ND	10.000	UGL
250.0	08-nov-1988	99	4CL3C	ND	10.000	UGL
0.0	08-nov-1988	99	4CLPPE	ND	10.000	UGL
250.0	08-nov-1988	99	4CLPPE	ND	10.000	UGL
0.0	08-nov-1988	99	ABHC	ND	3.000	UGL
250.0	08-nov-1988	99	ABHC	ND	3.000	UGL
0.0	08-nov-1988	99	AENSLF	ND	3.000	UGL
250.0	08-nov-1988	99	AENSLF	ND	3.000	UGL
0.0	08-nov-1988	99	ALDRN	ND	3.000	UGL
250.0	08-nov-1988	99	ALDRN	ND	3.000	UGL
0.0	08-nov-1988	99	ANAPNE	ND	10.000	UGL
250.0	08-nov-1988	99	ANAPNE	ND	10.000	UGL
0.0	08-nov-1988	99	ANAPYL	ND	10.000	UGL
250.0	08-nov-1988	99	ANAPYL	ND	10.000	UGL
0.0	08-nov-1988	99	ANTRC	ND	10.000	UGL
250.0	08-nov-1988	99	ANTRC	ND	10.000	UGL
0.0	08-nov-1988	99	B2CEXM	ND	10.000	UGL
250.0	08-nov-1988	99	B2CEXM	ND	10.000	UGL
0.0	08-nov-1988	99	B2CLEE	ND	10.000	UGL
250.0	08-nov-1988	99	B2CLEE	ND	10.000	UGL
0.0	08-nov-1988	99	B2EHP		57.000	UGL
250.0	08-nov-1988	99	B2EHP	ND	10.000	UGL
0.0	08-nov-1988	99	BAANTR	ND	10.000	UGL
250.0	08-nov-1988	99	BAANTR	ND	10.000	UGL
0.0	08-nov-1988	99	BAPYR	ND	10.000	UGL
250.0	08-nov-1988	99	BAPYR	ND	10.000	UGL
0.0	08-nov-1988	99	BBFANT	ND	10.000	UGL
250.0	08-nov-1988	99	BBFANT	ND	10.000	UGL
0.0	08-nov-1988	99	BBHC	ND	3.000	UGL
250.0	08-nov-1988	99	BBHC	ND	3.000	UGL
0.0	08-nov-1988	99	BBZP	ND	10.000	UGL
250.0	08-nov-1988	99	BBZP	ND	10.000	UGL
0.0	08-nov-1988	99	BENSLF	ND	6.000	UGL
250.0	08-nov-1988	99	BENSLF	ND	6.000	UGL
0.0	08-nov-1988	99	BENZID	ND	50.000	UGL
250.0	08-nov-1988	99	BENZID	ND	50.000	UGL
0.0	08-nov-1988	99	BGHIPY	ND	10.000	UGL
250.0	08-nov-1988	99	BGHIPY	ND	10.000	UGL
0.0	08-nov-1988	99	BKFANT	ND	10.000	UGL
250.0	08-nov-1988	99	BKFANT	ND	10.000	UGL
0.0	08-nov-1988	99	CHRY	ND	10.000	UGL
250.0	08-nov-1988	99	CHRY	ND	10.000	UGL
0.0	08-nov-1988	99	CL6BZ	ND	10.000	UGL
250.0	08-nov-1988	99	CL6BZ	ND	10.000	UGL
0.0	08-nov-1988	99	CL6CP	ND	10.000	UGL
250.0	08-nov-1988	99	CL6CP	ND	10.000	UGL
0.0	08-nov-1988	99	CL6ET	ND	10.000	UGL
250.0	08-nov-1988	99	CL6ET	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-118-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	08-nov-1988	99	CLDAN	ND	3.000	UGL
250.0	08-nov-1988	99	CLDAN	ND	3.000	UGL
0.0	08-nov-1988	99	DBAHA	ND	10.000	UGL
250.0	08-nov-1988	99	DBAHA	ND	10.000	UGL
0.0	08-nov-1988	99	DBHC	ND	3.000	UGL
250.0	08-nov-1988	99	DBHC	ND	3.000	UGL
0.0	08-nov-1988	99	DEP	ND	10.000	UGL
250.0	08-nov-1988	99	DEP	ND	10.000	UGL
0.0	08-nov-1988	99	DLDRN	ND	6.000	UGL
250.0	08-nov-1988	99	DLDRN	ND	6.000	UGL
0.0	08-nov-1988	99	DMP	ND	10.000	UGL
250.0	08-nov-1988	99	DMP	ND	10.000	UGL
0.0	08-nov-1988	99	DNBP	ND	10.000	UGL
250.0	08-nov-1988	99	DNBP	ND	10.000	UGL
0.0	08-nov-1988	99	DNOP	ND	10.000	UGL
250.0	08-nov-1988	99	DNOP	ND	10.000	UGL
0.0	08-nov-1988	99	ENDRN	ND	6.000	UGL
250.0	08-nov-1988	99	ENDRN	ND	6.000	UGL
0.0	08-nov-1988	99	ENDRNA	ND	20.000	UGL
250.0	08-nov-1988	99	ENDRNA	ND	20.000	UGL
0.0	08-nov-1988	99	ESFSO4	ND	6.000	UGL
250.0	08-nov-1988	99	ESFSO4	ND	6.000	UGL
0.0	08-nov-1988	99	FANT	ND	10.000	UGL
250.0	08-nov-1988	99	FANT	ND	10.000	UGL
0.0	08-nov-1988	99	FLRENE	ND	10.000	UGL
250.0	08-nov-1988	99	FLRENE	ND	10.000	UGL
0.0	08-nov-1988	99	HCBD	ND	10.000	UGL
250.0	08-nov-1988	99	HCBD	ND	10.000	UGL
0.0	08-nov-1988	99	HPCL	ND	3.000	UGL
250.0	08-nov-1988	99	HPCL	ND	3.000	UGL
0.0	08-nov-1988	99	HPCLE	ND	3.000	UGL
250.0	08-nov-1988	99	HPCLE	ND	3.000	UGL
0.0	08-nov-1988	99	ICDPYR	ND	10.000	UGL
250.0	08-nov-1988	99	ICDPYR	ND	10.000	UGL
0.0	08-nov-1988	99	ISOPHR	ND	10.000	UGL
250.0	08-nov-1988	99	ISOPHR	ND	10.000	UGL
0.0	08-nov-1988	99	LIN	LT	1.090	UGL
250.0	08-nov-1988	99	LIN	LT	1.090	UGL
0.0	08-nov-1988	99	NAP	ND	10.000	UGL
250.0	08-nov-1988	99	NAP	ND	10.000	UGL
0.0	08-nov-1988	99	NB	ND	10.000	UGL
250.0	08-nov-1988	99	NB	ND	10.000	UGL
0.0	08-nov-1988	99	NNDMEA	ND	10.000	UGL
250.0	08-nov-1988	99	NNDMEA	ND	10.000	UGL
0.0	08-nov-1988	99	NNDPA	ND	10.000	UGL
250.0	08-nov-1988	99	NNDPA	ND	10.000	UGL
0.0	08-nov-1988	99	PCB016	ND	30.000	UGL
250.0	08-nov-1988	99	PCB016	ND	30.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-118-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	08-nov-1988	99	PCB221	ND	30.000	UGL
250.0	08-nov-1988	99	PCB221	ND	30.000	UGL
0.0	08-nov-1988	99	PCB232	ND	30.000	UGL
250.0	08-nov-1988	99	PCB232	ND	30.000	UGL
0.0	08-nov-1988	99	PCB242	ND	30.000	UGL
250.0	08-nov-1988	99	PCB242	ND	30.000	UGL
0.0	08-nov-1988	99	PCB248	ND	30.000	UGL
250.0	08-nov-1988	99	PCB248	ND	30.000	UGL
0.0	08-nov-1988	99	PCB254	ND	60.000	UGL
250.0	08-nov-1988	99	PCB254	ND	60.000	UGL
0.0	08-nov-1988	99	PCB260	ND	60.000	UGL
250.0	08-nov-1988	99	PCB260	ND	60.000	UGL
0.0	08-nov-1988	99	PCP	ND	50.000	UGL
250.0	08-nov-1988	99	PCP	ND	50.000	UGL
0.0	08-nov-1988	99	PHANTR	ND	10.000	UGL
250.0	08-nov-1988	99	PHANTR	ND	10.000	UGL
0.0	08-nov-1988	99	PHENOL	ND	10.000	UGL
250.0	08-nov-1988	99	PHENOL	ND	10.000	UGL
0.0	08-nov-1988	99	PPDDD	ND	6.000	UGL
250.0	08-nov-1988	99	PPDDD	ND	6.000	UGL
0.0	08-nov-1988	99	PYR	ND	10.000	UGL
250.0	08-nov-1988	99	PYR	ND	10.000	UGL
0.0	08-nov-1988	99	TXPHEN	ND	60.000	UGL
250.0	08-nov-1988	99	TXPHEN	ND	60.000	UGL
250.0	08-nov-1988	SB09	HG	LT	0.171	UGL
250.0	08-nov-1988	SB09	HG	LT	0.171	UGL
250.0	08-nov-1988	SD01	AG	LT	0.202	UGL
250.0	08-nov-1988	SD01	AG	LT	0.202	UGL
250.0	08-nov-1988	SD01	AS	LT	5.180	UGL
250.0	08-nov-1988	SD01	AS	LT	5.180	UGL
250.0	08-nov-1988	SD01	BE	LT	0.104	UGL
250.0	08-nov-1988	SD01	BE	LT	0.104	UGL
250.0	08-nov-1988	SD01	CD	LT	5.480	UGL
250.0	08-nov-1988	SD01	CD	LT	5.480	UGL
250.0	08-nov-1988	SD01	CR	LT	36.100	UGL
250.0	08-nov-1988	SD01	CR	LT	36.100	UGL
250.0	08-nov-1988	SD01	CU		19.300	UGL
250.0	08-nov-1988	SD01	CU		9.110	UGL
250.0	08-nov-1988	SD01	PB		10.600	UGL
250.0	08-nov-1988	SD01	PB	LT	2.530	UGL
250.0	08-nov-1988	SD01	SB	LT	3.410	UGL
250.0	08-nov-1988	SD01	SB	LT	3.410	UGL
250.0	08-nov-1988	SD01	SE		7.980	UGL
250.0	08-nov-1988	SD01	SE		8.750	UGL
250.0	08-nov-1988	SD01	TL	LT	5.040	UGL
250.0	08-nov-1988	SD01	TL	LT	5.040	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-118-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
250.0	08-nov-1988	SS07	BA		107.000	UGL
250.0	08-nov-1988	SS07	BA		118.000	UGL
250.0	08-nov-1988	SS07	NI		25.800	UGL
250.0	08-nov-1988	SS07	NI		18.500	UGL
250.0	08-nov-1988	SS07	ZN		1100.000	UGL
250.0	08-nov-1988	SS07	ZN		1000.000	UGL
250.0	08-nov-1988	TF01	NIT		5600.000	UGL
0.0	08-nov-1988	TT01	SO4		186000.000	UGL
250.0	08-nov-1988	TT01	SO4		280000.000	UGL
0.0	08-nov-1988	UM20	111TCE	LT	0.500	UGL
2.5	08-nov-1988	UM20	111TCE	LT	0.500	UGL
0.0	08-nov-1988	UM20	112TCE	LT	1.200	UGL
2.5	08-nov-1988	UM20	112TCE	LT	1.200	UGL
0.0	08-nov-1988	UM20	11DCE	LT	0.500	UGL
2.5	08-nov-1988	UM20	11DCE	LT	0.500	UGL
0.0	08-nov-1988	UM20	11DCLE	LT	0.680	UGL
2.5	08-nov-1988	UM20	11DCLE	LT	0.680	UGL
0.0	08-nov-1988	UM20	12DCE	LT	0.500	UGL
2.5	08-nov-1988	UM20	12DCE	LT	0.500	UGL
0.0	08-nov-1988	UM20	12DCLE	LT	0.500	UGL
2.5	08-nov-1988	UM20	12DCLE	LT	0.500	UGL
0.0	08-nov-1988	UM20	12DCLP	LT	0.500	UGL
2.5	08-nov-1988	UM20	12DCLP	LT	0.500	UGL
0.0	08-nov-1988	UM20	2CLEVE	LT	0.710	UGL
2.5	08-nov-1988	UM20	2CLEVE	LT	0.710	UGL
0.0	08-nov-1988	UM20	ACET	LT	13.000	UGL
2.5	08-nov-1988	UM20	ACET	LT	13.000	UGL
0.0	08-nov-1988	UM20	ACROLN	ND	100.000	UGL
2.5	08-nov-1988	UM20	ACROLN	ND	100.000	UGL
0.0	08-nov-1988	UM20	ACRYLO	ND	100.000	UGL
2.5	08-nov-1988	UM20	ACRYLO	ND	100.000	UGL
0.0	08-nov-1988	UM20	BRDCLM	LT	0.590	UGL
2.5	08-nov-1988	UM20	BRDCLM	LT	0.590	UGL
0.0	08-nov-1988	UM20	C13DCP	LT	0.580	UGL
2.5	08-nov-1988	UM20	C13DCP	LT	0.580	UGL
0.0	08-nov-1988	UM20	C2AVE	LT	8.300	UGL
2.5	08-nov-1988	UM20	C2AVE	LT	8.300	UGL
0.0	08-nov-1988	UM20	C2H3CL	LT	2.600	UGL
2.5	08-nov-1988	UM20	C2H3CL	LT	2.600	UGL
0.0	08-nov-1988	UM20	C2H5CL	LT	1.900	UGL
2.5	08-nov-1988	UM20	C2H5CL	LT	1.900	UGL
0.0	08-nov-1988	UM20	C6H6	LT	0.500	UGL
2.5	08-nov-1988	UM20	C6H6	LT	0.500	UGL
0.0	08-nov-1988	UM20	CCL3F	LT	1.400	UGL
2.5	08-nov-1988	UM20	CCL3F	LT	1.400	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-118-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	08-nov-1988	UM20	CCL4	LT	0.580	UGL
2.5	08-nov-1988	UM20	CCL4	LT	0.580	UGL
0.0	08-nov-1988	UM20	CH2CL2	LT	2.300	UGL
2.5	08-nov-1988	UM20	CH2CL2	LT	2.300	UGL
0.0	08-nov-1988	UM20	CH3BR	LT	5.800	UGL
2.5	08-nov-1988	UM20	CH3BR	LT	5.800	UGL
0.0	08-nov-1988	UM20	CH3CL	LT	3.200	UGL
2.5	08-nov-1988	UM20	CH3CL	LT	3.200	UGL
0.0	08-nov-1988	UM20	CHBR3	LT	2.600	UGL
2.5	08-nov-1988	UM20	CHBR3	LT	2.600	UGL
0.0	08-nov-1988	UM20	CHCL3	LT	0.500	UGL
2.5	08-nov-1988	UM20	CHCL3	LT	0.500	UGL
0.0	08-nov-1988	UM20	CL2BZ	ND	10.000	UGL
2.5	08-nov-1988	UM20	CL2BZ	ND	10.000	UGL
0.0	08-nov-1988	UM20	CLC6H5	LT	0.500	UGL
2.5	08-nov-1988	UM20	CLC6H5	LT	0.500	UGL
0.0	08-nov-1988	UM20	CS2	LT	0.500	UGL
2.5	08-nov-1988	UM20	CS2	LT	0.500	UGL
0.0	08-nov-1988	UM20	DBRCLM	LT	0.670	UGL
2.5	08-nov-1988	UM20	DBRCLM	LT	0.670	UGL
0.0	08-nov-1988	UM20	ETC6H5	LT	0.500	UGL
2.5	08-nov-1988	UM20	ETC6H5	LT	0.500	UGL
0.0	08-nov-1988	UM20	MEC6H5	LT	0.500	UGL
2.5	08-nov-1988	UM20	MEC6H5	LT	0.500	UGL
0.0	08-nov-1988	UM20	MEK	LT	6.400	UGL
2.5	08-nov-1988	UM20	MEK	LT	6.400	UGL
0.0	08-nov-1988	UM20	MIBK	LT	3.000	UGL
2.5	08-nov-1988	UM20	MIBK	LT	3.000	UGL
0.0	08-nov-1988	UM20	MNBK	LT	3.600	UGL
2.5	08-nov-1988	UM20	MNBK	LT	3.600	UGL
0.0	08-nov-1988	UM20	STYR	LT	0.500	UGL
2.5	08-nov-1988	UM20	STYR	LT	0.500	UGL
0.0	08-nov-1988	UM20	T13DCP	LT	0.700	UGL
2.5	08-nov-1988	UM20	T13DCP	LT	0.700	UGL
0.0	08-nov-1988	UM20	TCLEA	LT	0.510	UGL
2.5	08-nov-1988	UM20	TCLEA	LT	0.510	UGL
0.0	08-nov-1988	UM20	TCLEE	LT	1.600	UGL
2.5	08-nov-1988	UM20	TCLEE	LT	1.600	UGL
0.0	08-nov-1988	UM20	TRCLE	LT	0.500	UGL
2.5	08-nov-1988	UM20	TRCLE	LT	0.500	UGL
0.0	08-nov-1988	UM20	XYLEN	LT	0.840	UGL
2.5	08-nov-1988	UM20	XYLEN	LT	0.840	UGL
250.0	08-nov-1988	UW01	135TNB	LT	0.560	UGL
250.0	08-nov-1988	UW01	13DNB	LT	0.610	UGL
250.0	08-nov-1988	UW01	246TNT	LT	0.780	UGL
250.0	08-nov-1988	UW01	24DNT	LT	0.600	UGL
250.0	08-nov-1988	UW01	26DNT	LT	0.550	UGL

Site: WELL N-118-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
250.0	08-nov-1988	UW01	HMX	LT	1.300	UGL
250.0	08-nov-1988	UW01	NB	LT	1.130	UGL
250.0	08-nov-1988	UW01	RDX	LT	0.730	UGL
250.0	08-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-119-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
270.0	22-nov-1988	99	111TCE	ND	5.000	UGL
0.0	22-nov-1988	99	111TCE	ND	5.000	UGL
270.0	22-nov-1988	99	112TCE	ND	5.000	UGL
0.0	22-nov-1988	99	112TCE	ND	5.000	UGL
270.0	22-nov-1988	99	11DCE	LT	1.920	UGL
0.0	22-nov-1988	99	11DCE	LT	1.920	UGL
270.0	22-nov-1988	99	11DCLE	ND	5.000	UGL
0.0	22-nov-1988	99	11DCLE	ND	5.000	UGL
270.0	22-nov-1988	99	12DCLB	ND	10.000	UGL
0.0	22-nov-1988	99	12DCLB	ND	10.000	UGL
270.0	22-nov-1988	99	12DCLE	ND	5.000	UGL
0.0	22-nov-1988	99	12DCLE	ND	5.000	UGL
270.0	22-nov-1988	99	12DCLP	ND	5.000	UGL
0.0	22-nov-1988	99	12DCLP	ND	5.000	UGL
270.0	22-nov-1988	99	13DCLB	ND	10.000	UGL
0.0	22-nov-1988	99	13DCLB	ND	10.000	UGL
270.0	22-nov-1988	99	14DCLB	ND	10.000	UGL
0.0	22-nov-1988	99	14DCLB	ND	10.000	UGL
270.0	22-nov-1988	99	2CLEVE	ND	5.000	UGL
0.0	22-nov-1988	99	2CLEVE	ND	5.000	UGL
270.0	22-nov-1988	99	BRDCLM	ND	5.000	UGL
0.0	22-nov-1988	99	BRDCLM	ND	5.000	UGL
270.0	22-nov-1988	99	C13DCP	ND	5.000	UGL
0.0	22-nov-1988	99	C13DCP	ND	5.000	UGL
270.0	22-nov-1988	99	C2H3CL	LT	3.860	UGL
0.0	22-nov-1988	99	C2H3CL	LT	3.860	UGL
270.0	22-nov-1988	99	C2H5CL	ND	10.000	UGL
0.0	22-nov-1988	99	C2H5CL	ND	10.000	UGL
270.0	22-nov-1988	99	C6H6		0.848	UGL
0.0	22-nov-1988	99	C6H6		1.620	UGL
270.0	22-nov-1988	99	CCL4	ND	5.000	UGL
0.0	22-nov-1988	99	CCL4	ND	5.000	UGL
270.0	22-nov-1988	99	CH2CL2	ND	5.000	UGL
0.0	22-nov-1988	99	CH2CL2	ND	5.000	UGL
270.0	22-nov-1988	99	CH3BR	ND	10.000	UGL
0.0	22-nov-1988	99	CH3BR	ND	10.000	UGL
270.0	22-nov-1988	99	CH3CL	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-119-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	22-nov-1988	99	CH3CL	ND	10.000	UGL
270.0	22-nov-1988	99	CHBR3	ND	5.000	UGL
0.0	22-nov-1988	99	CHBR3	ND	5.000	UGL
270.0	22-nov-1988	99	CHCL3	ND	5.000	UGL
0.0	22-nov-1988	99	CHCL3	ND	5.000	UGL
270.0	22-nov-1988	99	CLC6H5	ND	5.000	UGL
0.0	22-nov-1988	99	CLC6H5	ND	5.000	UGL
270.0	22-nov-1988	99	DBRCLM	ND	5.000	UGL
0.0	22-nov-1988	99	DBRCLM	ND	5.000	UGL
270.0	22-nov-1988	99	ETC6H5	ND	5.000	UGL
0.0	22-nov-1988	99	ETC6H5	ND	5.000	UGL
270.0	22-nov-1988	99	MEC6H5	ND	5.000	UGL
0.0	22-nov-1988	99	MEC6H5	ND	5.000	UGL
270.0	22-nov-1988	99	T12DCE	LT	1.720	UGL
0.0	22-nov-1988	99	T12DCE	LT	1.720	UGL
270.0	22-nov-1988	99	T13DCP	ND	5.000	UGL
0.0	22-nov-1988	99	T13DCP	ND	5.000	UGL
270.0	22-nov-1988	99	TCLEA	ND	5.000	UGL
0.0	22-nov-1988	99	TCLEA	ND	5.000	UGL
270.0	22-nov-1988	99	TCLEE	ND	5.000	UGL
0.0	22-nov-1988	99	TCLEE	ND	5.000	UGL
270.0	22-nov-1988	99	TRCLE		18.400	UGL
0.0	22-nov-1988	99	TRCLE	LT	0.706	UGL
270.0	22-nov-1988	99	UNK105		11.000	UGL
0.0	22-nov-1988	99	UNK105		13.000	UGL
0.0	22-nov-1988	99	UNK107		14.000	UGL
0.0	22-nov-1988	99	UNK126		48.000	UGL
0.0	22-nov-1988	99	UNK127		28.000	UGL
270.0	22-nov-1988	99	UNK141		1080.000	UGL
0.0	22-nov-1988	99	UNK141		1600.000	UGL
270.0	22-nov-1988	99	UNK143		21.000	UGL
270.0	22-nov-1988	SB09	HG	LT	0.170	UGL
270.0	22-nov-1988	SB09	HG	LT	0.170	UGL
270.0	22-nov-1988	SD01	AG	LT	0.202	UGL
270.0	22-nov-1988	SD01	AG	LT	0.202	UGL
270.0	22-nov-1988	SD01	AS		8.900	UGL
270.0	22-nov-1988	SD01	AS	LT	5.180	UGL
270.0	22-nov-1988	SD01	BE	LT	0.104	UGL
270.0	22-nov-1988	SD01	BE	LT	0.104	UGL
270.0	22-nov-1988	SD01	CD	LT	5.480	UGL
270.0	22-nov-1988	SD01	CD	LT	5.480	UGL
270.0	22-nov-1988	SD01	CR		46.200	UGL
270.0	22-nov-1988	SD01	CR	LT	36.100	UGL
270.0	22-nov-1988	SD01	CU		65.000	UGL
270.0	22-nov-1988	SD01	CU		3.970	UGL
270.0	22-nov-1988	SD01	PB		16.100	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-119-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
270.0	22-nov-1988	SD01	PB		4.350	UGL
270.0	22-nov-1988	SD01	SB	LT	3.410	UGL
270.0	22-nov-1988	SD01	SB	LT	3.410	UGL
270.0	22-nov-1988	SD01	SE	LT	4.810	UGL
270.0	22-nov-1988	SD01	SE	LT	4.810	UGL
270.0	22-nov-1988	SD01	TL	LT	5.040	UGL
270.0	22-nov-1988	SD01	TL	LT	5.040	UGL
270.0	22-nov-1988	SS07	BA		121.000	UGL
270.0	22-nov-1988	SS07	BA		87.400	UGL
270.0	22-nov-1988	SS07	NI		37.700	UGL
270.0	22-nov-1988	SS07	NI		24.200	UGL
270.0	22-nov-1988	SS07	ZN		151.000	UGL
270.0	22-nov-1988	SS07	ZN		60.800	UGL
270.0	22-nov-1988	TF01	NIT		8000.000	UGL
270.0	22-nov-1988	TT01	SO4		178000.000	UGL
270.0	22-nov-1988	UM15	124TCB	ND	10.000	UGL
0.0	22-nov-1988	UM15	124TCB	ND	10.000	UGL
270.0	22-nov-1988	UM15	12DCLB	ND	10.000	UGL
0.0	22-nov-1988	UM15	12DCLB	ND	10.000	UGL
270.0	22-nov-1988	UM15	12DPH	ND	10.000	UGL
0.0	22-nov-1988	UM15	12DPH	ND	10.000	UGL
270.0	22-nov-1988	UM15	13DCLB	ND	10.000	UGL
0.0	22-nov-1988	UM15	13DCLB	ND	10.000	UGL
270.0	22-nov-1988	UM15	14DCLB	ND	10.000	UGL
0.0	22-nov-1988	UM15	14DCLB	ND	10.000	UGL
270.0	22-nov-1988	UM15	246TCP	ND	10.000	UGL
0.0	22-nov-1988	UM15	246TCP	ND	10.000	UGL
270.0	22-nov-1988	UM15	24DCLP	ND	10.000	UGL
0.0	22-nov-1988	UM15	24DCLP	ND	10.000	UGL
270.0	22-nov-1988	UM15	24DMPN	ND	10.000	UGL
0.0	22-nov-1988	UM15	24DMPN	ND	10.000	UGL
270.0	22-nov-1988	UM15	24DNP	ND	10.000	UGL
0.0	22-nov-1988	UM15	24DNP	ND	10.000	UGL
270.0	22-nov-1988	UM15	24DNT	ND	10.000	UGL
0.0	22-nov-1988	UM15	24DNT	ND	10.000	UGL
270.0	22-nov-1988	UM15	26DNT	ND	10.000	UGL
0.0	22-nov-1988	UM15	26DNT	ND	10.000	UGL
270.0	22-nov-1988	UM15	2CLP	ND	10.000	UGL
0.0	22-nov-1988	UM15	2CLP	ND	10.000	UGL
270.0	22-nov-1988	UM15	2CNAP	ND	10.000	UGL
0.0	22-nov-1988	UM15	2CNAP	ND	10.000	UGL
270.0	22-nov-1988	UM15	2NP	ND	10.000	UGL
0.0	22-nov-1988	UM15	2NP	ND	10.000	UGL
270.0	22-nov-1988	UM15	33DCBD	ND	20.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-119-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	22-nov-1988	UM15	33DCBD	ND	20.000	UGL
270.0	22-nov-1988	UM15	46DN2C	ND	50.000	UGL
0.0	22-nov-1988	UM15	46DN2C	ND	50.000	UGL
270.0	22-nov-1988	UM15	4CL3C	ND	10.000	UGL
0.0	22-nov-1988	UM15	4CL3C	ND	10.000	UGL
270.0	22-nov-1988	UM15	4CLPPE	ND	10.000	UGL
0.0	22-nov-1988	UM15	4CLPPE	ND	10.000	UGL
270.0	22-nov-1988	UM15	ABHC	ND	3.000	UGL
0.0	22-nov-1988	UM15	ABHC	ND	3.000	UGL
270.0	22-nov-1988	UM15	AENSLF	ND	3.000	UGL
0.0	22-nov-1988	UM15	AENSLF	ND	3.000	UGL
270.0	22-nov-1988	UM15	ALDRN	ND	3.000	UGL
0.0	22-nov-1988	UM15	ALDRN	ND	3.000	UGL
270.0	22-nov-1988	UM15	ANAPNE	ND	10.000	UGL
0.0	22-nov-1988	UM15	ANAPNE	ND	10.000	UGL
270.0	22-nov-1988	UM15	ANAPYL	ND	10.000	UGL
0.0	22-nov-1988	UM15	ANAPYL	ND	10.000	UGL
270.0	22-nov-1988	UM15	ANTRC	ND	10.000	UGL
0.0	22-nov-1988	UM15	ANTRC	ND	10.000	UGL
270.0	22-nov-1988	UM15	B2CEXM	ND	10.000	UGL
0.0	22-nov-1988	UM15	B2CEXM	ND	10.000	UGL
270.0	22-nov-1988	UM15	B2CLEE	ND	10.000	UGL
0.0	22-nov-1988	UM15	B2CLEE	ND	10.000	UGL
270.0	22-nov-1988	UM15	B2EHP	ND	10.000	UGL
0.0	22-nov-1988	UM15	B2EHP	ND	10.000	UGL
270.0	22-nov-1988	UM15	BAANTR	ND	10.000	UGL
0.0	22-nov-1988	UM15	BAANTR	ND	10.000	UGL
270.0	22-nov-1988	UM15	BAPYR	ND	10.000	UGL
0.0	22-nov-1988	UM15	BAPYR	ND	10.000	UGL
270.0	22-nov-1988	UM15	BBFANT	ND	10.000	UGL
0.0	22-nov-1988	UM15	BBFANT	ND	10.000	UGL
270.0	22-nov-1988	UM15	BBHC	ND	3.000	UGL
0.0	22-nov-1988	UM15	BBHC	ND	3.000	UGL
270.0	22-nov-1988	UM15	BBZP	ND	10.000	UGL
0.0	22-nov-1988	UM15	BBZP	ND	10.000	UGL
270.0	22-nov-1988	UM15	BENSLF	ND	6.000	UGL
0.0	22-nov-1988	UM15	BENSLF	ND	6.000	UGL
270.0	22-nov-1988	UM15	BENZID	ND	50.000	UGL
0.0	22-nov-1988	UM15	BENZID	ND	50.000	UGL
270.0	22-nov-1988	UM15	BGHIPY	ND	10.000	UGL
0.0	22-nov-1988	UM15	BGHIPY	ND	10.000	UGL
270.0	22-nov-1988	UM15	BKFANT	ND	10.000	UGL
0.0	22-nov-1988	UM15	BKFANT	ND	10.000	UGL
270.0	22-nov-1988	UM15	CHRY	ND	10.000	UGL
0.0	22-nov-1988	UM15	CHRY	ND	10.000	UGL
270.0	22-nov-1988	UM15	CL6BZ	ND	10.000	UGL
0.0	22-nov-1988	UM15	CL6BZ	ND	10.000	UGL
270.0	22-nov-1988	UM15	CL6CP	ND	10.000	UGL

Site: WELL N-119-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	22-nov-1988	UM15	CL6CP	ND	10.000	UGL
270.0	22-nov-1988	UM15	CL6ET	ND	10.000	UGL
0.0	22-nov-1988	UM15	CL6ET	ND	10.000	UGL
270.0	22-nov-1988	UM15	CLDAN	ND	3.000	UGL
0.0	22-nov-1988	UM15	CLDAN	ND	3.000	UGL
270.0	22-nov-1988	UM15	DBAHA	ND	10.000	UGL
0.0	22-nov-1988	UM15	DBAHA	ND	10.000	UGL
270.0	22-nov-1988	UM15	DBHC	ND	3.000	UGL
0.0	22-nov-1988	UM15	DBHC	ND	3.000	UGL
270.0	22-nov-1988	UM15	DEP	ND	10.000	UGL
0.0	22-nov-1988	UM15	DEP	ND	10.000	UGL
270.0	22-nov-1988	UM15	DLDRN	ND	6.000	UGL
0.0	22-nov-1988	UM15	DLDRN	ND	6.000	UGL
270.0	22-nov-1988	UM15	DMP	ND	10.000	UGL
0.0	22-nov-1988	UM15	DMP	ND	10.000	UGL
270.0	22-nov-1988	UM15	DNBP	ND	10.000	UGL
0.0	22-nov-1988	UM15	DNBP	ND	10.000	UGL
270.0	22-nov-1988	UM15	DNOP	ND	10.000	UGL
0.0	22-nov-1988	UM15	DNOP	ND	10.000	UGL
270.0	22-nov-1988	UM15	ENDRN	ND	6.000	UGL
0.0	22-nov-1988	UM15	ENDRN	ND	6.000	UGL
270.0	22-nov-1988	UM15	ENDRNA	ND	20.000	UGL
0.0	22-nov-1988	UM15	ENDRNA	ND	20.000	UGL
270.0	22-nov-1988	UM15	ESFSO4	ND	6.000	UGL
0.0	22-nov-1988	UM15	ESFSO4	ND	6.000	UGL
270.0	22-nov-1988	UM15	FANT	ND	10.000	UGL
0.0	22-nov-1988	UM15	FANT	ND	10.000	UGL
270.0	22-nov-1988	UM15	FLRENE	ND	10.000	UGL
0.0	22-nov-1988	UM15	FLRENE	ND	10.000	UGL
270.0	22-nov-1988	UM15	HCBD	ND	10.000	UGL
0.0	22-nov-1988	UM15	HCBD	ND	10.000	UGL
270.0	22-nov-1988	UM15	HPCL	ND	3.000	UGL
0.0	22-nov-1988	UM15	HPCL	ND	3.000	UGL
270.0	22-nov-1988	UM15	HPCLE	ND	3.000	UGL
0.0	22-nov-1988	UM15	HPCLE	ND	3.000	UGL
270.0	22-nov-1988	UM15	ICDPYR	ND	10.000	UGL
0.0	22-nov-1988	UM15	ICDPYR	ND	10.000	UGL
270.0	22-nov-1988	UM15	ISOPHR	ND	10.000	UGL
0.0	22-nov-1988	UM15	ISOPHR	ND	10.000	UGL
270.0	22-nov-1988	UM15	LIN	LT	1.090	UGL
0.0	22-nov-1988	UM15	LIN	LT	1.090	UGL
270.0	22-nov-1988	UM15	NAP	ND	10.000	UGL
0.0	22-nov-1988	UM15	NAP	ND	10.000	UGL
270.0	22-nov-1988	UM15	NB	ND	10.000	UGL
0.0	22-nov-1988	UM15	NB	ND	10.000	UGL
270.0	22-nov-1988	UM15	NNDMEA	ND	10.000	UGL
0.0	22-nov-1988	UM15	NNDMEA	ND	10.000	UGL
270.0	22-nov-1988	UM15	NNDPA	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-119-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	22-nov-1988	UM15	NNDPA	ND	10.000	UGL
270.0	22-nov-1988	UM15	PCB016	ND	30.000	UGL
0.0	22-nov-1988	UM15	PCB016	ND	30.000	UGL
270.0	22-nov-1988	UM15	PCB221	ND	30.000	UGL
0.0	22-nov-1988	UM15	PCB221	ND	30.000	UGL
270.0	22-nov-1988	UM15	PCB232	ND	30.000	UGL
0.0	22-nov-1988	UM15	PCB232	ND	30.000	UGL
270.0	22-nov-1988	UM15	PCB242	ND	30.000	UGL
0.0	22-nov-1988	UM15	PCB242	ND	30.000	UGL
270.0	22-nov-1988	UM15	PCB248	ND	30.000	UGL
0.0	22-nov-1988	UM15	PCB248	ND	30.000	UGL
270.0	22-nov-1988	UM15	PCB254	ND	60.000	UGL
0.0	22-nov-1988	UM15	PCB254	ND	60.000	UGL
270.0	22-nov-1988	UM15	PCB260	ND	60.000	UGL
0.0	22-nov-1988	UM15	PCB260	ND	60.000	UGL
270.0	22-nov-1988	UM15	PCP	ND	50.000	UGL
0.0	22-nov-1988	UM15	PCP	ND	50.000	UGL
270.0	22-nov-1988	UM15	PHANTR	ND	10.000	UGL
0.0	22-nov-1988	UM15	PHANTR	ND	10.000	UGL
270.0	22-nov-1988	UM15	PHENOL	ND	10.000	UGL
0.0	22-nov-1988	UM15	PHENOL	ND	10.000	UGL
270.0	22-nov-1988	UM15	PPDDD	ND	6.000	UGL
0.0	22-nov-1988	UM15	PPDDD	ND	6.000	UGL
270.0	22-nov-1988	UM15	PYR	ND	10.000	UGL
0.0	22-nov-1988	UM15	PYR	ND	10.000	UGL
270.0	22-nov-1988	UM15	TXPHEN	ND	60.000	UGL
0.0	22-nov-1988	UM15	TXPHEN	ND	60.000	UGL
270.0	22-nov-1988	UW01	135TNB	LT	0.560	UGL
270.0	22-nov-1988	UW01	13DNB	LT	0.610	UGL
270.0	22-nov-1988	UW01	246TNT	LT	0.780	UGL
270.0	22-nov-1988	UW01	24DNT	LT	0.600	UGL
270.0	22-nov-1988	UW01	26DNT	LT	0.550	UGL
270.0	22-nov-1988	UW01	HMX	LT	1.300	UGL
270.0	22-nov-1988	UW01	NB	LT	1.130	UGL
270.0	22-nov-1988	UW01	RDX	LT	0.630	UGL
270.0	22-nov-1988	UW01	TETRYL	LT	0.660	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-120-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
310.2	22-nov-1988	99	111TCE	ND	5.000	UGL
310.2	22-nov-1988	99	112TCE	ND	5.000	UGL
310.2	22-nov-1988	99	11DCE	LT	1.920	UGL
310.2	22-nov-1988	99	11DCLE	ND	5.000	UGL
310.2	22-nov-1988	99	12DCLB	ND	10.000	UGL
310.2	22-nov-1988	99	12DCLE	ND	5.000	UGL
310.2	22-nov-1988	99	12DCLP	ND	5.000	UGL
310.2	22-nov-1988	99	13DCLB	ND	10.000	UGL
310.2	22-nov-1988	99	14DCLB	ND	10.000	UGL
310.2	22-nov-1988	99	2CLEVE	ND	5.000	UGL
310.2	22-nov-1988	99	BRDCLM	ND	5.000	UGL
310.2	22-nov-1988	99	C13DCP	ND	5.000	UGL
310.2	22-nov-1988	99	C2H3CL	LT	3.860	UGL
310.2	22-nov-1988	99	C2H5CL	ND	10.000	UGL
310.2	22-nov-1988	99	C6H6	LT	0.673	UGL
310.2	22-nov-1988	99	CCL4	ND	5.000	UGL
310.2	22-nov-1988	99	CH2CL2	ND	5.000	UGL
310.2	22-nov-1988	99	CH3BR	ND	10.000	UGL
310.2	22-nov-1988	99	CH3CL	ND	10.000	UGL
310.2	22-nov-1988	99	CH8R3	ND	5.000	UGL
310.2	22-nov-1988	99	CHCL3	ND	5.000	UGL
310.2	22-nov-1988	99	CLC6H5	ND	5.000	UGL
310.2	22-nov-1988	99	DBRCLM	ND	5.000	UGL
310.2	22-nov-1988	99	ETC6H5	ND	5.000	UGL
310.2	22-nov-1988	99	MEC6H5	ND	5.000	UGL
310.2	22-nov-1988	99	T12DCE	LT	1.720	UGL
310.2	22-nov-1988	99	T13DCP	ND	5.000	UGL
310.2	22-nov-1988	99	TCLEA	ND	5.000	UGL
310.2	22-nov-1988	99	TCLEE	ND	5.000	UGL
310.2	22-nov-1988	99	TRCLE		1.110	UGL
310.2	22-nov-1988	99	UNK105		10.000	UGL
310.2	22-nov-1988	99	UNK141		1100.000	UGL
310.2	22-nov-1988	SB09	HG	LT	0.170	UGL
310.2	22-nov-1988	SB09	HG	LT	0.170	UGL
310.0	22-nov-1988	SD01	AG	LT	0.202	UGL
310.0	22-nov-1988	SD01	AG	LT	0.202	UGL
310.0	22-nov-1988	SD01	AS		5.380	UGL
310.0	22-nov-1988	SD01	AS	LT	5.180	UGL
310.0	22-nov-1988	SD01	BE	LT	0.104	UGL
310.0	22-nov-1988	SD01	BE	LT	0.104	UGL
310.0	22-nov-1988	SD01	CD	LT	5.480	UGL
310.0	22-nov-1988	SD01	CD	LT	5.480	UGL
310.0	22-nov-1988	SD01	CR	LT	36.100	UGL
310.0	22-nov-1988	SD01	CR	LT	36.100	UGL
310.0	22-nov-1988	SD01	CU		23.000	UGL
310.0	22-nov-1988	SD01	CU		4.070	UGL

Site: WELL N-120-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
310.0	22-nov-1988	SD01	PB		37.400	UGL
310.0	22-nov-1988	SD01	PB		5.260	UGL
310.0	22-nov-1988	SD01	SB	LT	3.410	UGL
310.0	22-nov-1988	SD01	SB	LT	3.410	UGL
310.0	22-nov-1988	SD01	SE	LT	4.810	UGL
310.0	22-nov-1988	SD01	SE	LT	4.810	UGL
310.0	22-nov-1988	SD01	TL	LT	5.040	UGL
310.0	22-nov-1988	SD01	TL	LT	5.040	UGL
310.0	22-nov-1988	SS07	BA		96.500	UGL
310.0	22-nov-1988	SS07	BA		96.000	UGL
310.0	22-nov-1988	SS07	NI		38.400	UGL
310.0	22-nov-1988	SS07	NI	LT	9.600	UGL
310.0	22-nov-1988	SS07	ZN		1900.000	UGL
310.0	22-nov-1988	SS07	ZN		364.000	UGL
310.0	22-nov-1988	TF01	NIT	LT	5000.000	UGL
310.0	22-nov-1988	TT01	SO4		141000.000	UGL
310.2	22-nov-1988	UM15	124TCB	ND	10.000	UGL
310.2	22-nov-1988	UM15	12DCLB	ND	10.000	UGL
310.2	22-nov-1988	UM15	12DPH	ND	10.000	UGL
310.2	22-nov-1988	UM15	13DCLB	ND	10.000	UGL
310.2	22-nov-1988	UM15	14DCLB	ND	10.000	UGL
310.2	22-nov-1988	UM15	246TCP	ND	10.000	UGL
310.2	22-nov-1988	UM15	24DCLP	ND	10.000	UGL
310.2	22-nov-1988	UM15	24DMPN	ND	10.000	UGL
310.2	22-nov-1988	UM15	24DNP	ND	10.000	UGL
310.2	22-nov-1988	UM15	24DNT	ND	10.000	UGL
310.2	22-nov-1988	UM15	26DNT	ND	10.000	UGL
310.2	22-nov-1988	UM15	2CLP	ND	10.000	UGL
310.2	22-nov-1988	UM15	2CNAP	ND	10.000	UGL
310.2	22-nov-1988	UM15	2NP	ND	10.000	UGL
310.2	22-nov-1988	UM15	33DCBD	ND	20.000	UGL
310.2	22-nov-1988	UM15	46DN2C	ND	50.000	UGL
310.2	22-nov-1988	UM15	4CL3C	ND	10.000	UGL
310.2	22-nov-1988	UM15	4CLPPE	ND	10.000	UGL
310.2	22-nov-1988	UM15	ABHC	ND	3.000	UGL
310.2	22-nov-1988	UM15	AENSLF	ND	3.000	UGL
310.2	22-nov-1988	UM15	ALDRN	ND	3.000	UGL
310.2	22-nov-1988	UM15	ANAPNE	ND	10.000	UGL
310.2	22-nov-1988	UM15	ANAPYL	ND	10.000	UGL
310.2	22-nov-1988	UM15	ANTRC	ND	10.000	UGL
310.2	22-nov-1988	UM15	B2CEXM	ND	10.000	UGL
310.2	22-nov-1988	UM15	B2CLEE	ND	10.000	UGL
310.2	22-nov-1988	UM15	B2EHP	ND	10.000	UGL
310.2	22-nov-1988	UM15	BAANTR	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-120-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
310.2	22-nov-1988	UM15	BAPYR	ND	10.000	UGL
310.2	22-nov-1988	UM15	BBFANT	ND	10.000	UGL
310.2	22-nov-1988	UM15	BBHC	ND	3.000	UGL
310.2	22-nov-1988	UM15	BBZP	ND	10.000	UGL
310.2	22-nov-1988	UM15	BENSLF	ND	6.000	UGL
310.2	22-nov-1988	UM15	BENZID	ND	50.000	UGL
310.2	22-nov-1988	UM15	BGHIPY	ND	10.000	UGL
310.2	22-nov-1988	UM15	BKFANT	ND	10.000	UGL
310.2	22-nov-1988	UM15	CHRY	ND	10.000	UGL
310.2	22-nov-1988	UM15	CL6BZ	ND	10.000	UGL
310.2	22-nov-1988	UM15	CL6CP	ND	10.000	UGL
310.2	22-nov-1988	UM15	CL6ET	ND	10.000	UGL
310.2	22-nov-1988	UM15	CLDAN	ND	3.000	UGL
310.2	22-nov-1988	UM15	DBAHA	ND	10.000	UGL
310.2	22-nov-1988	UM15	DBHC	ND	3.000	UGL
310.2	22-nov-1988	UM15	DEP	ND	10.000	UGL
310.2	22-nov-1988	UM15	DLDRN	ND	6.000	UGL
310.2	22-nov-1988	UM15	DMP	ND	10.000	UGL
310.2	22-nov-1988	UM15	DNBP	ND	10.000	UGL
310.2	22-nov-1988	UM15	DNOP	ND	10.000	UGL
310.2	22-nov-1988	UM15	ENDRN	ND	6.000	UGL
310.2	22-nov-1988	UM15	ENDRNA	ND	20.000	UGL
310.2	22-nov-1988	UM15	ESFSO4	ND	6.000	UGL
310.2	22-nov-1988	UM15	FANT	ND	10.000	UGL
310.2	22-nov-1988	UM15	FLRENE	ND	10.000	UGL
310.2	22-nov-1988	UM15	HCBD	ND	10.000	UGL
310.2	22-nov-1988	UM15	HPCL	ND	3.000	UGL
310.2	22-nov-1988	UM15	HPCLE	ND	3.000	UGL
310.2	22-nov-1988	UM15	ICDPYR	ND	10.000	UGL
310.2	22-nov-1988	UM15	ISOPHR	ND	10.000	UGL
310.2	22-nov-1988	UM15	LIN	LT	1.090	UGL
310.2	22-nov-1988	UM15	NAP	ND	10.000	UGL
310.2	22-nov-1988	UM15	NB	ND	10.000	UGL
310.2	22-nov-1988	UM15	NNDMEA	ND	10.000	UGL
310.2	22-nov-1988	UM15	NNDPA	ND	10.000	UGL
310.2	22-nov-1988	UM15	PCB016	ND	30.000	UGL
310.2	22-nov-1988	UM15	PCB221	ND	30.000	UGL
310.2	22-nov-1988	UM15	PCB232	ND	30.000	UGL
310.2	22-nov-1988	UM15	PCB242	ND	30.000	UGL
310.2	22-nov-1988	UM15	PCB248	ND	30.000	UGL
310.2	22-nov-1988	UM15	PCB254	ND	60.000	UGL
310.2	22-nov-1988	UM15	PCB260	ND	60.000	UGL
310.2	22-nov-1988	UM15	PCP	ND	50.000	UGL
310.2	22-nov-1988	UM15	PHANTR	ND	10.000	UGL
310.2	22-nov-1988	UM15	PHENOL	ND	10.000	UGL
310.2	22-nov-1988	UM15	PPDDD	ND	6.000	UGL
310.2	22-nov-1988	UM15	PYR	ND	10.000	UGL
310.2	22-nov-1988	UM15	TXPHEN	ND	60.000	UGL

Site: WELL N-120-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
310.0	22-nov-1988	UW01	135TNB	LT	0.560	UGL
310.0	22-nov-1988	UW01	13DNB	LT	0.610	UGL
310.0	22-nov-1988	UW01	246TNT	LT	0.780	UGL
310.0	22-nov-1988	UW01	24DNT	LT	0.600	UGL
310.0	22-nov-1988	UW01	26DNT	LT	0.550	UGL
310.0	22-nov-1988	UW01	HMX	LT	1.300	UGL
310.0	22-nov-1988	UW01	NB	LT	1.130	UGL
310.0	22-nov-1988	UW01	RDX	LT	0.630	UGL
310.0	22-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-127-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
232.0	21-nov-1988	TF01	NIT		9500.000	UGL
232.0	21-nov-1988	TT01	SO4		438000.000	UGL
232.0	21-nov-1988	UW01	135TNB	LT	0.560	UGL
232.0	21-nov-1988	UW01	13DNB	LT	0.610	UGL
232.0	21-nov-1988	UW01	246TNT		1.070	UGL
232.0	21-nov-1988	UW01	24DNT	LT	0.600	UGL
232.0	21-nov-1988	UW01	26DNT	LT	0.550	UGL
232.0	21-nov-1988	UW01	HMX	LT	1.300	UGL
232.0	21-nov-1988	UW01	NB	LT	1.130	UGL
232.0	21-nov-1988	UW01	RDX	LT	0.630	UGL
232.0	21-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-128-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
244.0	21-nov-1988	TF01	NIT		13000.000	UGL
244.0	21-nov-1988	TT01	SO4		1840000.000	UGL
244.0	21-nov-1988	UW01	135TNB	LT	0.560	UGL
244.0	21-nov-1988	UW01	13DNB	LT	0.610	UGL
244.0	21-nov-1988	UW01	246TNT		1.350	UGL
244.0	21-nov-1988	UW01	24DNT	LT	0.600	UGL
244.0	21-nov-1988	UW01	26DNT	LT	0.550	UGL
244.0	21-nov-1988	UW01	HMX	LT	1.300	UGL
244.0	21-nov-1988	UW01	NB	LT	1.130	UGL
244.0	21-nov-1988	UW01	RDX	LT	0.630	UGL

Site: WELL N-128-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
244.0	21-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-129-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
233.0	21-nov-1988	TF01	NIT		11000.000	UGL
233.0	21-nov-1988	TT01	SO4		243000.000	UGL
233.0	21-nov-1988	UW01	135TNB	LT	0.560	UGL
233.0	21-nov-1988	UW01	13DNB	LT	0.610	UGL
233.0	21-nov-1988	UW01	246TNT		1.000	UGL
233.0	21-nov-1988	UW01	24DNT	LT	0.600	UGL
233.0	21-nov-1988	UW01	26DNT	LT	0.550	UGL
233.0	21-nov-1988	UW01	HMX	LT	1.300	UGL
233.0	21-nov-1988	UW01	NB	LT	1.130	UGL
233.0	21-nov-1988	UW01	RDX	LT	0.630	UGL
233.0	21-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-130-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
235.0	21-nov-1988	TF01	NIT		17000.000	UGL
235.0	21-nov-1988	TT01	SO4		177000.000	UGL
235.0	21-nov-1988	UW01	135TNB	LT	0.560	UGL
235.0	21-nov-1988	UW01	13DNB	LT	0.610	UGL
235.0	21-nov-1988	UW01	246TNT		1.860	UGL
235.0	21-nov-1988	UW01	24DNT	LT	0.600	UGL
235.0	21-nov-1988	UW01	26DNT	LT	0.550	UGL
235.0	21-nov-1988	UW01	HMX	LT	1.300	UGL
235.0	21-nov-1988	UW01	NB	LT	1.130	UGL
235.0	21-nov-1988	UW01	RDX	LT	0.630	UGL
235.0	21-nov-1988	UW01	TETRYL	LT	0.660	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-3A

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
317.0	21-nov-1988	TF01	NIT		44000.000	UGL
317.0	21-nov-1988	TT01	SO4		963000.000	UGL
317.4	02-jun-1988	UW01	135TNB	LT	0.560	UGL
317.0	21-nov-1988	UW01	135TNB	LT	0.560	UGL
317.4	02-jun-1988	UW01	13DNB	LT	0.610	UGL
317.0	21-nov-1988	UW01	13DNB	LT	0.610	UGL
317.4	02-jun-1988	UW01	246TNT	LT	0.780	UGL
317.0	21-nov-1988	UW01	246TNT	LT	0.780	UGL
317.4	02-jun-1988	UW01	24DNT	LT	0.600	UGL
317.0	21-nov-1988	UW01	24DNT	LT	0.600	UGL
317.4	02-jun-1988	UW01	26DNT	LT	0.550	UGL
317.0	21-nov-1988	UW01	26DNT	LT	0.550	UGL
317.4	02-jun-1988	UW01	HMX	LT	1.300	UGL
317.0	21-nov-1988	UW01	HMX	LT	1.300	UGL
317.4	02-jun-1988	UW01	NB	LT	1.130	UGL
317.0	21-nov-1988	UW01	NB	LT	1.130	UGL
317.4	02-jun-1988	UW01	RDX		24.000	UGL
317.0	21-nov-1988	UW01	RDX		34.000	UGL
317.4	02-jun-1988	UW01	TETRYL	LT	0.660	UGL
317.0	21-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-3F

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
54.0	20-nov-1988	TF01	NIT		49000.000	UGL
54.0	20-nov-1988	TT01	SO4		1210000.000	UGL
0.0	20-nov-1988	TT01	SO4		187000.000	UGL
54.0	20-nov-1988	UW01	135TNB	LT	0.560	UGL
54.0	20-nov-1988	UW01	13DNB	LT	0.610	UGL
54.0	20-nov-1988	UW01	246TNT	LT	0.780	UGL
54.0	20-nov-1988	UW01	24DNT	LT	0.600	UGL
54.0	20-nov-1988	UW01	26DNT	LT	0.550	UGL
54.0	20-nov-1988	UW01	HMX	LT	13.000	UGL
54.0	20-nov-1988	UW01	NB	LT	1.130	UGL
54.0	20-nov-1988	UW01	RDX		270.000	UGL
54.0	20-nov-1988	UW01	TETRYL	LT	0.660	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL N-3H

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
243.0	22-nov-1988	TF01	NIT		19000.000	UGL
243.0	22-nov-1988	TT01	SO4		299000.000	UGL
231.2	01-jun-1988	UW01	135TNB	LT	0.560	UGL
243.0	22-nov-1988	UW01	135TNB	LT	0.560	UGL
231.2	01-jun-1988	UW01	13DNB	LT	0.610	UGL
243.0	22-nov-1988	UW01	13DNB	LT	0.610	UGL
231.2	01-jun-1988	UW01	246TNT	LT	0.780	UGL
243.0	22-nov-1988	UW01	246TNT	LT	1.560	UGL
231.2	01-jun-1988	UW01	24DNT	LT	0.600	UGL
243.0	22-nov-1988	UW01	24DNT	LT	0.600	UGL
231.2	01-jun-1988	UW01	26DNT	LT	0.550	UGL
243.0	22-nov-1988	UW01	26DNT	LT	0.550	UGL
231.2	01-jun-1988	UW01	HMX	LT	1.300	UGL
243.0	22-nov-1988	UW01	HMX	LT	1.300	UGL
231.2	01-jun-1988	UW01	NB	LT	1.130	UGL
243.0	22-nov-1988	UW01	NB	LT	1.130	UGL
231.2	01-jun-1988	UW01	RDX		1.600	UGL
243.0	22-nov-1988	UW01	RDX		17.000	UGL
231.2	01-jun-1988	UW01	TETRYL	LT	0.660	UGL
243.0	22-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL N-3I

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
10.5	20-nov-1988	TF01	NIT		12000.000	UGL
10.5	20-nov-1988	TT01	SO4		671000.000	UGL
10.5	20-nov-1988	UW01	135TNB	LT	0.560	UGL
10.5	20-nov-1988	UW01	13DNB	LT	0.610	UGL
10.5	20-nov-1988	UW01	246TNT	LT	0.780	UGL
10.5	20-nov-1988	UW01	24DNT	LT	0.600	UGL
10.5	20-nov-1988	UW01	26DNT	LT	0.550	UGL
10.5	20-nov-1988	UW01	HMX		23.000	UGL
10.5	20-nov-1988	UW01	NB	LT	1.130	UGL
10.5	20-nov-1988	UW01	RDX		57.000	UGL
10.5	20-nov-1988	UW01	TETRYL	LT	0.660	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL T-7

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
322.0	08-nov-1988	99	124TCB	ND	10.000	UGL
322.0	08-nov-1988	99	12DCLB	ND	10.000	UGL
322.0	08-nov-1988	99	12DPH	ND	10.000	UGL
322.0	08-nov-1988	99	13DCLB	ND	10.000	UGL
322.0	08-nov-1988	99	14DCLB	ND	10.000	UGL
322.0	08-nov-1988	99	246TCP	ND	10.000	UGL
322.0	08-nov-1988	99	24DCLP	ND	10.000	UGL
322.0	08-nov-1988	99	24DMPN	ND	10.000	UGL
322.0	08-nov-1988	99	24DNP	ND	10.000	UGL
322.0	08-nov-1988	99	24DNT	ND	10.000	UGL
322.0	08-nov-1988	99	26DNT	ND	10.000	UGL
322.0	08-nov-1988	99	2CLP	ND	10.000	UGL
322.0	08-nov-1988	99	2CNAP	ND	10.000	UGL
322.0	08-nov-1988	99	2NP	ND	10.000	UGL
322.0	08-nov-1988	99	33DC8D	ND	20.000	UGL
322.0	08-nov-1988	99	46DN2C	ND	50.000	UGL
322.0	08-nov-1988	99	4CL3C	ND	10.000	UGL
322.0	08-nov-1988	99	4CLPPE	ND	10.000	UGL
322.0	08-nov-1988	99	ABHC	ND	3.000	UGL
322.0	08-nov-1988	99	AENSLF	ND	3.000	UGL
322.0	08-nov-1988	99	ALDRN	ND	3.000	UGL
322.0	08-nov-1988	99	ANAPNE	ND	10.000	UGL
322.0	08-nov-1988	99	ANAPYL	ND	10.000	UGL
322.0	08-nov-1988	99	ANTRC	ND	10.000	UGL
322.0	08-nov-1988	99	B2CEXM	ND	10.000	UGL
322.0	08-nov-1988	99	B2CLEE	ND	10.000	UGL
322.0	08-nov-1988	99	B2EHP	ND	10.000	UGL
322.0	08-nov-1988	99	BAANTR	ND	10.000	UGL
322.0	08-nov-1988	99	BAPYR	ND	10.000	UGL
322.0	08-nov-1988	99	BBFANT	ND	10.000	UGL
322.0	08-nov-1988	99	BBHC	ND	3.000	UGL
322.0	08-nov-1988	99	BBZP	ND	10.000	UGL
322.0	08-nov-1988	99	BENSLF	ND	6.000	UGL
322.0	08-nov-1988	99	BENZID	ND	50.000	UGL
322.0	08-nov-1988	99	BGHIPY	ND	10.000	UGL
322.0	08-nov-1988	99	BKFANT	ND	10.000	UGL
322.0	08-nov-1988	99	CHRY	ND	10.000	UGL
322.0	08-nov-1988	99	CL6BZ	ND	10.000	UGL
322.0	08-nov-1988	99	CL6CP	ND	10.000	UGL
322.0	08-nov-1988	99	CL6ET	ND	10.000	UGL
322.0	08-nov-1988	99	CLDAN	ND	3.000	UGL
322.0	08-nov-1988	99	DBAHA	ND	10.000	UGL
322.0	08-nov-1988	99	DBHC	ND	3.000	UGL
322.0	08-nov-1988	99	DEP	ND	10.000	UGL
322.0	08-nov-1988	99	DLDRN	ND	6.000	UGL
322.0	08-nov-1988	99	DMP	ND	10.000	UGL
322.0	08-nov-1988	99	DNBP	ND	10.000	UGL
322.0	08-nov-1988	99	DNOP	ND	10.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL T-7 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
322.0	08-nov-1988	99	ENDRN	ND	6.000	UGL
322.0	08-nov-1988	99	ENDRNA	ND	20.000	UGL
322.0	08-nov-1988	99	ESFSO4	ND	6.000	UGL
322.0	08-nov-1988	99	FANT	ND	10.000	UGL
322.0	08-nov-1988	99	FLRENE	ND	10.000	UGL
322.0	08-nov-1988	99	HCBD	ND	10.000	UGL
322.0	08-nov-1988	99	HPCL	ND	3.000	UGL
322.0	08-nov-1988	99	HPCLE	ND	3.000	UGL
322.0	08-nov-1988	99	ICDPYR	ND	10.000	UGL
322.0	08-nov-1988	99	ISOPHR	ND	10.000	UGL
322.0	08-nov-1988	99	LIN	LT	1.090	UGL
322.0	08-nov-1988	99	NAP	ND	10.000	UGL
322.0	08-nov-1988	99	NB	ND	10.000	UGL
322.0	08-nov-1988	99	NNDMEA	ND	10.000	UGL
322.0	08-nov-1988	99	NNDPA	ND	10.000	UGL
322.0	08-nov-1988	99	PCB016	ND	30.000	UGL
322.0	08-nov-1988	99	PCB221	ND	30.000	UGL
322.0	08-nov-1988	99	PCB232	ND	30.000	UGL
322.0	08-nov-1988	99	PCB242	ND	30.000	UGL
322.0	08-nov-1988	99	PCB248	ND	30.000	UGL
322.0	08-nov-1988	99	PCB254	ND	60.000	UGL
322.0	08-nov-1988	99	PCB260	ND	60.000	UGL
322.0	08-nov-1988	99	PCP	ND	50.000	UGL
322.0	08-nov-1988	99	PHANTR	ND	10.000	UGL
322.0	08-nov-1988	99	PHENOL	ND	10.000	UGL
322.0	08-nov-1988	99	PPDDD	ND	6.000	UGL
322.0	08-nov-1988	99	PYR	ND	10.000	UGL
322.0	08-nov-1988	99	TXPHEN	ND	60.000	UGL
322.0	08-nov-1988	SB09	HG	LT	0.171	UGL
322.0	08-nov-1988	SB09	HG	LT	0.171	UGL
322.0	08-nov-1988	SD01	AG		0.319	UGL
322.0	08-nov-1988	SD01	AG	LT	0.202	UGL
322.0	08-nov-1988	SD01	AS		11.100	UGL
322.0	08-nov-1988	SD01	AS		5.280	UGL
322.0	08-nov-1988	SD01	BE		0.201	UGL
322.0	08-nov-1988	SD01	BE	LT	0.104	UGL
322.0	08-nov-1988	SD01	CD	LT	5.480	UGL
322.0	08-nov-1988	SD01	CD	LT	5.480	UGL
322.0	08-nov-1988	SD01	CR	LT	36.100	UGL
322.0	08-nov-1988	SD01	CR	LT	36.100	UGL
322.0	08-nov-1988	SD01	CU		25.400	UGL
322.0	08-nov-1988	SD01	CU	LT	1.910	UGL
322.0	08-nov-1988	SD01	PB		18.100	UGL
322.0	08-nov-1988	SD01	PB	LT	2.530	UGL
322.0	08-nov-1988	SD01	SB	LT	3.410	UGL
322.0	08-nov-1988	SD01	SB	LT	3.410	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL T-7 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
322.0	08-nov-1988	SD01	SE	LT	4.810	UGL
322.0	08-nov-1988	SD01	SE	LT	4.810	UGL
322.0	08-nov-1988	SD01	TL	LT	5.040	UGL
322.0	08-nov-1988	SD01	TL	LT	5.040	UGL
322.0	08-nov-1988	SS07	BA		113.000	UGL
322.0	08-nov-1988	SS07	BA		77.300	UGL
322.0	08-nov-1988	SS07	NI		20.100	UGL
322.0	08-nov-1988	SS07	NI		11.400	UGL
322.0	08-nov-1988	SS07	ZN		180.000	UGL
322.0	08-nov-1988	SS07	ZN		104.000	UGL
322.0	08-nov-1988	TF01	NIT		8000.000	UGL
322.0	08-nov-1988	TT01	SO4		166000.000	UGL
3.2	08-nov-1988	UM20	111TCE	LT	0.500	UGL
3.2	08-nov-1988	UM20	112TCE	LT	1.200	UGL
3.2	08-nov-1988	UM20	11DCE	LT	0.500	UGL
3.2	08-nov-1988	UM20	11DCLE	LT	0.680	UGL
3.2	08-nov-1988	UM20	12DCE	LT	0.500	UGL
3.2	08-nov-1988	UM20	12DCLE	LT	0.500	UGL
3.2	08-nov-1988	UM20	12DCLP	LT	0.500	UGL
3.2	08-nov-1988	UM20	2CLEVE	LT	0.710	UGL
3.2	08-nov-1988	UM20	ACET	LT	13.000	UGL
3.2	08-nov-1988	UM20	ACROLN	ND	100.000	UGL
3.2	08-nov-1988	UM20	ACRYLO	ND	100.000	UGL
3.2	08-nov-1988	UM20	BRDCLM	LT	0.590	UGL
3.2	08-nov-1988	UM20	C13DCP	LT	0.580	UGL
3.2	08-nov-1988	UM20	C2AVE	LT	8.300	UGL
3.2	08-nov-1988	UM20	C2H3CL	LT	2.600	UGL
3.2	08-nov-1988	UM20	C2H5CL	LT	1.900	UGL
3.2	08-nov-1988	UM20	C6H6	LT	0.500	UGL
3.2	08-nov-1988	UM20	CCL3F	LT	1.400	UGL
3.2	08-nov-1988	UM20	CCL4	LT	0.580	UGL
3.2	08-nov-1988	UM20	CH2CL2	LT	2.300	UGL
3.2	08-nov-1988	UM20	CH3BR	LT	5.800	UGL
3.2	08-nov-1988	UM20	CH3CL	LT	3.200	UGL
3.2	08-nov-1988	UM20	CHBR3	LT	2.600	UGL
3.2	08-nov-1988	UM20	CHCL3	LT	0.500	UGL
3.2	08-nov-1988	UM20	CL2BZ	ND	10.000	UGL
3.2	08-nov-1988	UM20	CLC6H5	LT	0.500	UGL
3.2	08-nov-1988	UM20	CS2	LT	0.500	UGL
3.2	08-nov-1988	UM20	DBRCLM	LT	0.670	UGL
3.2	08-nov-1988	UM20	ETC6H5	LT	0.500	UGL
3.2	08-nov-1988	UM20	MEC6H5	LT	0.500	UGL
3.2	08-nov-1988	UM20	MEK	LT	6.400	UGL
3.2	08-nov-1988	UM20	MIBK	LT	3.000	UGL

Site: WELL T-7 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
3.2	08-nov-1988	UM20	MNBK	LT	3.600	UGL
3.2	08-nov-1988	UM20	STYR	LT	0.500	UGL
3.2	08-nov-1988	UM20	T13DCP	LT	0.700	UGL
3.2	08-nov-1988	UM20	TCLEA	LT	0.510	UGL
3.2	08-nov-1988	UM20	TCLEE	LT	1.600	UGL
3.2	08-nov-1988	UM20	TRCLE	LT	0.500	UGL
3.2	08-nov-1988	UM20	XYLEN	LT	0.840	UGL
322.0	08-nov-1988	UW01	135TNB	LT	0.560	UGL
322.0	08-nov-1988	UW01	13DNB	LT	0.610	UGL
322.0	08-nov-1988	UW01	246TNT	LT	0.780	UGL
322.0	08-nov-1988	UW01	24DNT	LT	0.600	UGL
322.0	08-nov-1988	UW01	26DNT	LT	0.550	UGL
322.0	08-nov-1988	UW01	HMX	LT	1.300	UGL
322.0	08-nov-1988	UW01	NB	LT	1.130	UGL
322.0	08-nov-1988	UW01	RDX	LT	1.260	UGL
322.0	08-nov-1988	UW01	TETRYL	LT	0.660	UGL

Site: WELL WW-1

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	11-jun-1990	00	TPHC	LT	100.000	UGL
0.0	11-jun-1990	AX8	AS	LT	2.350	UGL
0.0	11-jun-1990	CC8	HG	LT	0.100	UGL
0.0	11-jun-1990	LL8	NIT		3700.000	UGL
0.0	11-jun-1990	SD25	SE		6.260	UGL
0.0	11-jun-1990	SS12	AG	LT	10.000	UGL
0.0	11-jun-1990	SS12	AL	LT	112.000	UGL
0.0	11-jun-1990	SS12	BA		45.500	UGL
0.0	11-jun-1990	SS12	BE	LT	1.120	UGL
0.0	11-jun-1990	SS12	CA		280000.000	UGL
0.0	11-jun-1990	SS12	CD	LT	6.780	UGL
0.0	11-jun-1990	SS12	CO	LT	25.000	UGL
0.0	11-jun-1990	SS12	CR	LT	16.800	UGL
0.0	11-jun-1990	SS12	CU	LT	18.800	UGL
0.0	11-jun-1990	SS12	FE	LT	77.500	UGL
0.0	11-jun-1990	SS12	K		6840.000	UGL
0.0	11-jun-1990	SS12	MG		94200.000	UGL
0.0	11-jun-1990	SS12	MN	LT	9.670	UGL
0.0	11-jun-1990	SS12	NA		180000.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL WW-1 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	11-jun-1990	SS12	NI	LT	32.100	UGL
0.0	11-jun-1990	SS12	PB	LT	43.400	UGL
0.0	11-jun-1990	SS12	SB	LT	60.000	UGL
0.0	11-jun-1990	SS12	TL	LT	125.000	UGL
0.0	11-jun-1990	SS12	V	LT	27.600	UGL
0.0	11-jun-1990	SS12	ZN		94.200	UGL
0.0	11-jun-1990	TF20	CYN	LT	5.000	UGL
0.0	11-jun-1990	TF29	P4		20.600	UGL
0.0	11-jun-1990	TT09	CL		400000.000	UGL
0.0	11-jun-1990	TT09	SO4		360000.000	UGL
0.0	11-jun-1990	UH20	ABHC	LT	0.002	UGL
0.0	11-jun-1990	UH20	AENSLF	LT	0.002	UGL
0.0	11-jun-1990	UH20	ALDRN	LT	0.007	UGL
0.0	11-jun-1990	UH20	BBHC	LT	0.010	UGL
0.0	11-jun-1990	UH20	BENSLF	LT	0.008	UGL
0.0	11-jun-1990	UH20	CLDAN	LT	0.031	UGL
0.0	11-jun-1990	UH20	DBHC	LT	0.003	UGL
0.0	11-jun-1990	UH20	DLDRN	LT	0.007	UGL
0.0	11-jun-1990	UH20	ENDRN	LT	0.018	UGL
0.0	11-jun-1990	UH20	ENDRNA	LT	0.050	UGL
0.0	11-jun-1990	UH20	HPCL	LT	0.002	UGL
0.0	11-jun-1990	UH20	ISODR	LT	0.002	UGL
0.0	11-jun-1990	UH20	LIN	LT	0.002	UGL
0.0	11-jun-1990	UH20	MEXCLR	LT	0.075	UGL
0.0	11-jun-1990	UH20	PCB016	LT	0.385	UGL
0.0	11-jun-1990	UH20	PCB260	LT	0.176	UGL
0.0	11-jun-1990	UH20	PPDDT	LT	0.002	UGL
0.0	11-jun-1990	UM21	111TCE	LT	1.000	UGL
0.0	11-jun-1990	UM21	112TCE	LT	1.000	UGL
0.0	11-jun-1990	UM21	11DCE	LT	1.000	UGL
0.0	11-jun-1990	UM21	11DCLE	LT	1.000	UGL
0.0	11-jun-1990	UM21	12DCE	LT	5.000	UGL
0.0	11-jun-1990	UM21	12DCLE	LT	1.000	UGL
0.0	11-jun-1990	UM21	12DCLP	LT	1.000	UGL
0.0	11-jun-1990	UM21	13DCLB	LT	1.000	UGL
0.0	11-jun-1990	UM21	13DCP	LT	4.800	UGL
0.0	11-jun-1990	UM21	13DMB	LT	1.000	UGL
0.0	11-jun-1990	UM21	2CLEVE	LT	3.500	UGL
0.0	11-jun-1990	UM21	ACET	LT	8.000	UGL
0.0	11-jun-1990	UM21	ACRYLO	LT	8.400	UGL
0.0	11-jun-1990	UM21	BRDCLM	LT	1.000	UGL
0.0	11-jun-1990	UM21	C2H3CL	LT	12.000	UGL
0.0	11-jun-1990	UM21	C2H5CL	LT	8.000	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL WW-1 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	11-jun-1990	UM21	C6H6	LT	1.000	UGL
0.0	11-jun-1990	UM21	CCL3F	LT	1.000	UGL
0.0	11-jun-1990	UM21	CCL4	LT	1.000	UGL
0.0	11-jun-1990	UM21	CH2CL2	LT	1.000	UGL
0.0	11-jun-1990	UM21	CH3BR	LT	14.000	UGL
0.0	11-jun-1990	UM21	CH3CL	LT	1.200	UGL
0.0	11-jun-1990	UM21	CHBR3	LT	11.000	UGL
0.0	11-jun-1990	UM21	CHCL3	LT	1.000	UGL
0.0	11-jun-1990	UM21	CLC6H5	LT	1.000	UGL
0.0	11-jun-1990	UM21	DBRCLM	LT	1.000	UGL
0.0	11-jun-1990	UM21	DCLB	LT	2.000	UGL
0.0	11-jun-1990	UM21	ETC6H5	LT	1.000	UGL
0.0	11-jun-1990	UM21	MEC6H5	LT	1.000	UGL
0.0	11-jun-1990	UM21	MEK	LT	10.000	UGL
0.0	11-jun-1990	UM21	MIBK	LT	1.400	UGL
0.0	11-jun-1990	UM21	TCLEA	LT	1.500	UGL
0.0	11-jun-1990	UM21	TCLEE		1.110	UGL
0.0	11-jun-1990	UM21	TRCLE	LT	1.000	UGL
0.0	11-jun-1990	UM21	XYLEN	LT	2.000	UGL
0.0	11-jun-1990	UM25	236TCP	LT	1.700	UGL
0.0	11-jun-1990	UM25	245TCP	LT	2.800	UGL
0.0	11-jun-1990	UM25	246TCP	LT	3.600	UGL
0.0	11-jun-1990	UM25	24DCLP	LT	8.400	UGL
0.0	11-jun-1990	UM25	24DMPN	LT	4.400	UGL
0.0	11-jun-1990	UM25	24DNP	LT	176.000	UGL
0.0	11-jun-1990	UM25	2CLP	LT	2.800	UGL
0.0	11-jun-1990	UM25	2MP	LT	3.600	UGL
0.0	11-jun-1990	UM25	2NP	LT	8.200	UGL
0.0	11-jun-1990	UM25	4CL3C	LT	8.500	UGL
0.0	11-jun-1990	UM25	4MP	LT	2.800	UGL
0.0	11-jun-1990	UM25	4NP	LT	96.000	UGL
0.0	11-jun-1990	UM25	ALDRN	LT	13.000	UGL
0.0	11-jun-1990	UM25	ATZ	LT	5.900	UGL
0.0	11-jun-1990	UM25	CL6CP	LT	54.000	UGL
0.0	11-jun-1990	UM25	CLDAN	LT	37.000	UGL
0.0	11-jun-1990	UM25	CPMS	LT	10.000	UGL
0.0	11-jun-1990	UM25	CPMSO	LT	15.000	UGL
0.0	11-jun-1990	UM25	CPMSO2	LT	5.300	UGL
0.0	11-jun-1990	UM25	DBCP	LT	12.000	UGL
0.0	11-jun-1990	UM25	DCPD	LT	5.500	UGL
0.0	11-jun-1990	UM25	DDVP	LT	8.500	UGL
0.0	11-jun-1990	UM25	DIMP	LT	21.000	UGL
0.0	11-jun-1990	UM25	DITH	LT	3.300	UGL
0.0	11-jun-1990	UM25	DLDRN	LT	26.000	UGL
0.0	11-jun-1990	UM25	DMMP	LT	130.000	UGL
0.0	11-jun-1990	UM25	ENDRN	LT	18.000	UGL
0.0	11-jun-1990	UM25	ISODR	LT	7.800	UGL

Analytical Results for Chemical Ground Water
From: 01-jan-1988 To: 27-nov-90

Site: WELL WW-1 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	11-jun-1990	UM25	MLTHN	LT	21.000	UGL
0.0	11-jun-1990	UM25	OXAT	LT	27.000	UGL
0.0	11-jun-1990	UM25	PCP	LT	9.100	UGL
0.0	11-jun-1990	UM25	PHENOL	LT	2.200	UGL
0.0	11-jun-1990	UM25	PPDDE	LT	14.000	UGL
0.0	11-jun-1990	UM25	PPDDT	LT	18.000	UGL
0.0	11-jun-1990	UM25	PRTHN	LT	37.000	UGL
0.0	11-jun-1990	UM25	SUPONA	LT	19.000	UGL
0.0	11-jun-1990	UW25	135TNB	LT	0.210	UGL
0.0	11-jun-1990	UW25	13DNB	LT	0.458	UGL
0.0	11-jun-1990	UW25	246TNT	LT	0.426	UGL
0.0	11-jun-1990	UW25	24DNT	LT	0.397	UGL
0.0	11-jun-1990	UW25	26DNT	LT	0.600	UGL
0.0	11-jun-1990	UW25	HMX	LT	0.533	UGL
0.0	11-jun-1990	UW25	NB	LT	0.682	UGL
0.0	11-jun-1990	UW25	RDX	LT	0.416	UGL
0.0	11-jun-1990	UW25	TETRYL	LT	0.631	UGL

Program ended normally.

INSTALLATION RESTORATION PROGRAM

CHEMICAL REPORT
Tue Nov 27 10:06:25 1990

For Parameters :

Installation = Tooele AD (North Area)
Beginning Date = 01-jan-1988
Ending Date = 27-nov-90
Media Type = Chemical Soil (CSO)
Maximum (X, Y) = (399450, 4505264)
Minimum (X, Y) = (374200, 4483142)
Booleans = Y

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE CR-88-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	99	BR	LT	12500.000	UGG
0.0	20-may-1988	99	CL	LT	12500.000	UGG
0.0	20-may-1988	99	F	LT	5.000	UGG
0.0	20-may-1988	99	NA		119.000	UGG
0.0	20-may-1988	JB08	HG	LT	0.100	UGG
0.0	20-may-1988	JD01	AG	LT	0.648	UGG
0.0	20-may-1988	JD01	AS	LT	5.700	UGG
0.0	20-may-1988	JD01	BE		0.381	UGG
0.0	20-may-1988	JD01	CD		1.660	UGG
0.0	20-may-1988	JD01	CR		18.700	UGG
0.0	20-may-1988	JD01	CU		19.800	UGG
0.0	20-may-1988	JD01	PB		10.800	UGG
0.0	20-may-1988	JD01	SB	LT	25.300	UGG
0.0	20-may-1988	JD01	SE	LT	2.100	UGG
0.0	20-may-1988	JD01	TL	LT	7.930	UGG
0.0	20-may-1988	JS07	NI		17.900	UGG
0.0	20-may-1988	JS07	ZN		384.000	UGG
0.0	20-may-1988	KF02	NIT	LT	500.000	UGG
0.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.0	20-may-1988	LW02	135TNB	LT	1.800	UGG
0.0	20-may-1988	LW02	13DNB	LT	0.580	UGG
0.0	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.0	20-may-1988	LW02	24DNT	LT	0.410	UGG
0.0	20-may-1988	LW02	26DNT	LT	0.390	UGG
0.0	20-may-1988	LW02	HMX	LT	1.300	UGG
0.0	20-may-1988	LW02	NB	LT	0.420	UGG
0.0	20-may-1988	LW02	RDX	LT	0.890	UGG
0.0	20-may-1988	LW02	TETRYL	LT	0.270	UGG

Site: BORE CR-88-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	99	BR	LT	12500.000	UGG
0.5	20-may-1988	99	CL	LT	12500.000	UGG
0.5	20-may-1988	99	F	LT	5.000	UGG
0.5	20-may-1988	99	NA		13.200	UGG
0.5	20-may-1988	JB08	HG	LT	0.100	UGG

Site: BORE CR-88-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	JD01	AG	LT	0.648	UGG
0.5	20-may-1988	JD01	AS	LT	5.700	UGG
0.5	20-may-1988	JD01	BE		0.328	UGG
0.5	20-may-1988	JD01	CD	LT	0.700	UGG
0.5	20-may-1988	JD01	CR		14.800	UGG
0.5	20-may-1988	JD01	CU		11.600	UGG
0.5	20-may-1988	JD01	PB		37.100	UGG
0.5	20-may-1988	JD01	SB	LT	25.300	UGG
0.5	20-may-1988	JD01	SE	LT	2.100	UGG
0.5	20-may-1988	JD01	TL	LT	7.930	UGG
0.5	20-may-1988	JS07	NI	LT	4.800	UGG
0.5	20-may-1988	JS07	ZN		2000.000	UGG
0.5	20-may-1988	KF02	NIT	LT	500.000	UGG
0.5	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.5	20-may-1988	LW02	135TNB	LT	1.800	UGG
0.5	20-may-1988	LW02	13DNB	LT	0.590	UGG
0.5	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.5	20-may-1988	LW02	24DNT	LT	0.420	UGG
0.5	20-may-1988	LW02	26DNT	LT	0.400	UGG
0.5	20-may-1988	LW02	HMX	LT	1.300	UGG
0.5	20-may-1988	LW02	NB	LT	0.430	UGG
0.5	20-may-1988	LW02	RDX	LT	0.900	UGG
0.5	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE CR-88-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	99	BR	LT	12500.000	UGG
0.0	20-may-1988	99	CL	LT	12500.000	UGG
0.0	20-may-1988	99	F	LT	5.000	UGG
0.0	20-may-1988	99	NA		50.200	UGG
0.0	20-may-1988	JB08	HG	LT	0.100	UGG
0.0	20-may-1988	JD01	AG	LT	0.648	UGG
0.0	20-may-1988	JD01	AS	LT	5.700	UGG
0.0	20-may-1988	JD01	BE		0.331	UGG
0.0	20-may-1988	JD01	CD	LT	0.700	UGG
0.0	20-may-1988	JD01	CR		15.300	UGG
0.0	20-may-1988	JD01	CU		12.200	UGG
0.0	20-may-1988	JD01	PB		7.910	UGG

Site: BORE CR-88-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	JD01	SB	LT	25.300	UGG
0.0	20-may-1988	JD01	SE	LT	2.100	UGG
0.0	20-may-1988	JD01	TL	LT	7.930	UGG
0.0	20-may-1988	JS07	NI	LT	4.800	UGG
0.0	20-may-1988	JS07	ZN		137.000	UGG
0.0	20-may-1988	KF02	NIT	LT	500.000	UGG
0.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.0	20-may-1988	LW02	135TNB	LT	1.900	UGG
0.0	20-may-1988	LW02	13DNB	LT	0.600	UGG
0.0	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.0	20-may-1988	LW02	24DNT	LT	0.430	UGG
0.0	20-may-1988	LW02	26DNT	LT	0.410	UGG
0.0	20-may-1988	LW02	HMX	LT	1.300	UGG
0.0	20-may-1988	LW02	NB	LT	0.430	UGG
0.0	20-may-1988	LW02	RDX	LT	0.920	UGG
0.0	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE CR-88-04

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	99	BR	LT	12500.000	UGG
0.5	20-may-1988	99	CL	LT	12500.000	UGG
0.5	20-may-1988	99	F	LT	5.000	UGG
0.5	20-may-1988	99	NA		213.000	UGG
0.5	20-may-1988	JB08	HG	LT	0.100	UGG
0.5	20-may-1988	JD01	AG	LT	0.648	UGG
0.5	20-may-1988	JD01	AS	LT	5.700	UGG
0.5	20-may-1988	JD01	BE		0.375	UGG
0.5	20-may-1988	JD01	CD	LT	0.700	UGG
0.5	20-may-1988	JD01	CR		20.000	UGG
0.5	20-may-1988	JD01	CU		9.750	UGG
0.5	20-may-1988	JD01	PB		6.220	UGG
0.5	20-may-1988	JD01	SB	LT	25.300	UGG
0.5	20-may-1988	JD01	SE	LT	2.100	UGG
0.5	20-may-1988	JD01	TL	LT	7.930	UGG
0.5	20-may-1988	JS07	NI		17.700	UGG
0.5	20-may-1988	JS07	ZN		118.000	UGG

Site: BORE CR-88-04 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	KF02	NIT	LT	500.000	UGG
0.5	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.5	20-may-1988	LW02	135TNB	LT	1.800	UGG
0.5	20-may-1988	LW02	13DNB	LT	0.590	UGG
0.5	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.5	20-may-1988	LW02	24DNT	LT	0.420	UGG
0.5	20-may-1988	LW02	26DNT	LT	0.400	UGG
0.5	20-may-1988	LW02	HMX	LT	1.300	UGG
0.5	20-may-1988	LW02	NB	LT	0.430	UGG
0.5	20-may-1988	LW02	RDX	LT	0.900	UGG
0.5	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE CR-88-05

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	99	BR	LT	12500.000	UGG
0.0	20-may-1988	99	CL	LT	12500.000	UGG
0.0	20-may-1988	99	F	LT	5.000	UGG
0.0	20-may-1988	99	NA		149.000	UGG
0.0	20-may-1988	J808	HG	LT	0.100	UGG
0.0	20-may-1988	JD01	AG	LT	0.648	UGG
0.0	20-may-1988	JD01	AS	LT	5.700	UGG
0.0	20-may-1988	JD01	BE		0.403	UGG
0.0	20-may-1988	JD01	CD	LT	0.700	UGG
0.0	20-may-1988	JD01	CR		19.600	UGG
0.0	20-may-1988	JD01	CU		16.900	UGG
0.0	20-may-1988	JD01	PB		9.770	UGG
0.0	20-may-1988	JD01	SB	LT	25.300	UGG
0.0	20-may-1988	JD01	SE	LT	2.100	UGG
0.0	20-may-1988	JD01	TL	LT	7.930	UGG
0.0	20-may-1988	JS07	NI		20.000	UGG
0.0	20-may-1988	JS07	ZN		111.000	UGG
0.0	20-may-1988	KF02	NIT	LT	500.000	UGG
0.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.0	20-may-1988	LW02	135TNB	LT	1.800	UGG
0.0	20-may-1988	LW02	13DNB	LT	0.590	UGG
0.0	20-may-1988	LW02	246TNT	LT	1.900	UGG

Site: BORE CR-88-05 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	LW02	24DNT	LT	0.420	UGG
0.0	20-may-1988	LW02	26DNT	LT	0.400	UGG
0.0	20-may-1988	LW02	HMX	LT	1.300	UGG
0.0	20-may-1988	LW02	NB	LT	0.430	UGG
0.0	20-may-1988	LW02	RDX	LT	0.910	UGG
0.0	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE CR-88-06

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	99	BR	LT	12500.000	UGG
0.5	20-may-1988	99	CL	LT	12500.000	UGG
0.5	20-may-1988	99	F	LT	5.000	UGG
0.5	20-may-1988	99	NA		144.000	UGG
0.5	20-may-1988	JB08	HG	LT	0.100	UGG
0.5	20-may-1988	JD01	AG	LT	0.648	UGG
0.5	20-may-1988	JD01	AS	LT	5.700	UGG
0.5	20-may-1988	JD01	BE		0.411	UGG
0.5	20-may-1988	JD01	CD	LT	0.700	UGG
0.5	20-may-1988	JD01	CR		21.400	UGG
0.5	20-may-1988	JD01	CU		12.200	UGG
0.5	20-may-1988	JD01	PB		7.240	UGG
0.5	20-may-1988	JD01	SB	LT	25.300	UGG
0.5	20-may-1988	JD01	SE	LT	2.100	UGG
0.5	20-may-1988	JD01	TL	LT	7.930	UGG
0.5	20-may-1988	JS07	NI		16.700	UGG
0.5	20-may-1988	JS07	ZN		77.200	UGG
0.5	20-may-1988	KF02	NIT	LT	500.000	UGG
0.5	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.5	20-may-1988	LW02	135TNB	LT	1.800	UGG
0.5	20-may-1988	LW02	13DNB	LT	0.590	UGG
0.5	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.5	20-may-1988	LW02	24DNT	LT	0.420	UGG
0.5	20-may-1988	LW02	26DNT	LT	0.400	UGG
0.5	20-may-1988	LW02	HMX	LT	1.300	UGG
0.5	20-may-1988	LW02	NB	LT	0.430	UGG
0.5	20-may-1988	LW02	RDX	LT	0.910	UGG
0.5	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE CR-88-07

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	99	BR	LT	12500.000	UGG
0.0	20-may-1988	99	CL	LT	12500.000	UGG
0.0	20-may-1988	99	F		5.860	UGG
0.0	20-may-1988	99	NA		108.000	UGG
0.0	20-may-1988	JB08	HG	LT	0.100	UGG
0.0	20-may-1988	JD01	AG	LT	0.648	UGG
0.0	20-may-1988	JD01	AS	LT	5.700	UGG
0.0	20-may-1988	JD01	BE	LT	0.330	UGG
0.0	20-may-1988	JD01	CD		3.190	UGG
0.0	20-may-1988	JD01	CR		17.300	UGG
0.0	20-may-1988	JD01	CU		15.800	UGG
0.0	20-may-1988	JD01	PB		8.290	UGG
0.0	20-may-1988	JD01	SB	LT	25.300	UGG
0.0	20-may-1988	JD01	SE	LT	2.100	UGG
0.0	20-may-1988	JD01	TL	LT	7.930	UGG
0.0	20-may-1988	JS07	NI		17.400	UGG
0.0	20-may-1988	JS07	ZN		752.000	UGG
0.0	20-may-1988	KF02	NIT	LT	500.000	UGG
0.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.0	20-may-1988	LW02	135TNB	LT	1.900	UGG
0.0	20-may-1988	LW02	13DNB	LT	0.600	UGG
0.0	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.0	20-may-1988	LW02	24DNT	LT	0.430	UGG
0.0	20-may-1988	LW02	26DNT	LT	0.410	UGG
0.0	20-may-1988	LW02	HMX	LT	1.300	UGG
0.0	20-may-1988	LW02	NB	LT	0.430	UGG
0.0	20-may-1988	LW02	RDX	LT	0.920	UGG
0.0	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE CR-88-08

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	99	BR	LT	12500.000	UGG
0.5	20-may-1988	99	CL	LT	12500.000	UGG
0.5	20-may-1988	99	F		6.450	UGG
0.5	20-may-1988	99	NA		117.000	UGG
0.5	20-may-1988	JB08	HG	LT	0.100	UGG

Site: BORE CR-88-08 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	JD01	AG	LT	0.648	UGG
0.5	20-may-1988	JD01	AS	LT	5.700	UGG
0.5	20-may-1988	JD01	BE		0.292	UGG
0.5	20-may-1988	JD01	CD	LT	0.700	UGG
0.5	20-may-1988	JD01	CR		17.700	UGG
0.5	20-may-1988	JD01	CU		8.730	UGG
0.5	20-may-1988	JD01	PB	LT	4.780	UGG
0.5	20-may-1988	JD01	SB	LT	25.300	UGG
0.5	20-may-1988	JD01	SE	LT	2.100	UGG
0.5	20-may-1988	JD01	TL	LT	7.930	UGG
0.5	20-may-1988	JS07	NI		26.900	UGG
0.5	20-may-1988	JS07	ZN	LT	52.000	UGG
0.5	20-may-1988	KF02	NIT	LT	500.000	UGG
0.5	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.5	20-may-1988	LW02	135TNB	LT	1.800	UGG
0.5	20-may-1988	LW02	13DNB	LT	0.590	UGG
0.5	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.5	20-may-1988	LW02	24DNT	LT	0.420	UGG
0.5	20-may-1988	LW02	26DNT	LT	0.400	UGG
0.5	20-may-1988	LW02	HMX	LT	1.300	UGG
0.5	20-may-1988	LW02	NB	LT	0.430	UGG
0.5	20-may-1988	LW02	RDX	LT	0.910	UGG
0.5	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE CR-88-09

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	99	BR	LT	12500.000	UGG
0.0	20-may-1988	99	CL	LT	12500.000	UGG
0.0	20-may-1988	99	F		6.200	UGG
0.0	20-may-1988	99	NA		117.000	UGG
0.0	20-may-1988	JB08	HG	LT	0.100	UGG
0.0	20-may-1988	JD01	AG	LT	0.648	UGG
0.0	20-may-1988	JD01	AS	LT	5.700	UGG
0.0	20-may-1988	JD01	BE		0.431	UGG
0.0	20-may-1988	JD01	CD	LT	0.700	UGG
0.0	20-may-1988	JD01	CR		21.800	UGG
0.0	20-may-1988	JD01	CU		11.500	UGG
0.0	20-may-1988	JD01	PB		8.870	UGG

Site: BORE CR-88-09 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	JD01	SB	LT	25.300	UGG
0.0	20-may-1988	JD01	SE	LT	2.100	UGG
0.0	20-may-1988	JD01	TL	LT	7.930	UGG
0.0	20-may-1988	JS07	NI		15.500	UGG
0.0	20-may-1988	JS07	ZN		70.500	UGG
0.0	20-may-1988	KF02	NIT	LT	500.000	UGG
0.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.0	20-may-1988	LW02	135TNB	LT	1.900	UGG
0.0	20-may-1988	LW02	13DNB	LT	0.610	UGG
0.0	20-may-1988	LW02	246TNT	LT	2.000	UGG
0.0	20-may-1988	LW02	24DNT	LT	0.430	UGG
0.0	20-may-1988	LW02	26DNT	LT	0.410	UGG
0.0	20-may-1988	LW02	HMX	LT	1.300	UGG
0.0	20-may-1988	LW02	NB	LT	0.440	UGG
0.0	20-may-1988	LW02	RDX	LT	0.930	UGG
0.0	20-may-1988	LW02	TETRYL	LT	0.290	UGG

Site: BORE CR-88-10

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	99	BR	LT	12500.000	UGG
0.5	20-may-1988	99	CL	LT	12500.000	UGG
0.5	20-may-1988	99	F	LT	5.400	UGG
0.5	20-may-1988	99	NA		112.000	UGG
0.5	20-may-1988	JB08	HG	LT	0.100	UGG
0.5	20-may-1988	JD01	AG	LT	0.648	UGG
0.5	20-may-1988	JD01	AS	LT	5.700	UGG
0.5	20-may-1988	JD01	BE		0.511	UGG
0.5	20-may-1988	JD01	CD	LT	0.700	UGG
0.5	20-may-1988	JD01	CR		21.700	UGG
0.5	20-may-1988	JD01	CU		11.600	UGG
0.5	20-may-1988	JD01	PB		7.510	UGG
0.5	20-may-1988	JD01	SB	LT	25.300	UGG
0.5	20-may-1988	JD01	SE	LT	2.100	UGG
0.5	20-may-1988	JD01	TL	LT	7.930	UGG
0.5	20-may-1988	JS07	NI		23.900	UGG
0.5	20-may-1988	JS07	ZN	LT	52.000	UGG

Site: BORE CR-88-10 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	KF02	NIT	LT	500.000	UGG
0.5	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.5	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.5	20-may-1988	LW02	135TNB	LT	1.900	UGG
0.5	20-may-1988	LW02	13DNB	LT	0.600	UGG
0.5	20-may-1988	LW02	246TNT	LT	2.000	UGG
0.5	20-may-1988	LW02	24DNT	LT	0.430	UGG
0.5	20-may-1988	LW02	26DNT	LT	0.410	UGG
0.5	20-may-1988	LW02	HMX	LT	1.300	UGG
0.5	20-may-1988	LW02	NB	LT	0.430	UGG
0.5	20-may-1988	LW02	RDX	LT	0.920	UGG
0.5	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE CR-88-11

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	99	BR	LT	12500.000	UGG
0.0	20-may-1988	99	CL	LT	12500.000	UGG
0.0	20-may-1988	99	F	LT	5.400	UGG
0.0	20-may-1988	99	NA		116.000	UGG
0.0	20-may-1988	JB08	HG	LT	0.100	UGG
0.0	20-may-1988	JD01	AG	LT	0.648	UGG
0.0	20-may-1988	JD01	AS	LT	5.700	UGG
0.0	20-may-1988	JD01	BE		0.361	UGG
0.0	20-may-1988	JD01	CD		1.510	UGG
0.0	20-may-1988	JD01	CR		20.400	UGG
0.0	20-may-1988	JD01	CU		22.400	UGG
0.0	20-may-1988	JD01	PB		13.700	UGG
0.0	20-may-1988	JD01	SB	LT	25.300	UGG
0.0	20-may-1988	JD01	SE	LT	2.100	UGG
0.0	20-may-1988	JD01	TL	LT	7.930	UGG
0.0	20-may-1988	JS07	NI		19.300	UGG
0.0	20-may-1988	JS07	ZN		886.000	UGG
0.0	20-may-1988	KF02	NIT	LT	500.000	UGG
0.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.0	20-may-1988	LW02	135TNB	LT	1.800	UGG
0.0	20-may-1988	LW02	13DNB	LT	0.580	UGG

Site: BORE CR-88-11 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.0	20-may-1988	LW02	24DNT	LT	0.410	UGG
0.0	20-may-1988	LW02	26DNT	LT	0.390	UGG
0.0	20-may-1988	LW02	HMX	LT	1.300	UGG
0.0	20-may-1988	LW02	NB	LT	0.420	UGG
0.0	20-may-1988	LW02	RDX	LT	0.890	UGG
0.0	20-may-1988	LW02	TETRYL	LT	0.270	UGG

Site: BORE CR-88-12

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	20-may-1988	99	BR	LT	12500.000	UGG
0.5	20-may-1988	99	CL	LT	12500.000	UGG
0.5	20-may-1988	99	F		6.260	UGG
0.5	20-may-1988	99	NA		131.000	UGG
0.5	20-may-1988	JB08	HG	LT	0.100	UGG
0.5	20-may-1988	JD01	AG	LT	0.648	UGG
0.5	20-may-1988	JD01	AS	LT	5.700	UGG
0.5	20-may-1988	JD01	BE		0.398	UGG
0.5	20-may-1988	JD01	CD	LT	0.700	UGG
0.5	20-may-1988	JD01	CR		17.900	UGG
0.5	20-may-1988	JD01	CU		11.300	UGG
0.5	20-may-1988	JD01	PB		8.640	UGG
0.5	20-may-1988	JD01	SB	LT	25.300	UGG
0.5	20-may-1988	JD01	SE	LT	2.100	UGG
0.5	20-may-1988	JD01	TL	LT	7.930	UGG
0.5	20-may-1988	JS07	NI		21.100	UGG
0.5	20-may-1988	JS07	ZN		125.000	UGG
0.5	20-may-1988	KF02	NIT	LT	500.000	UGG
0.5	20-may-1988	KT01	SO4	LT	12500.000	UGG
0.5	20-may-1988	LW02	135TNB	LT	1.900	UGG
0.5	20-may-1988	LW02	13DNB	LT	0.600	UGG
0.5	20-may-1988	LW02	246TNT	LT	1.900	UGG
0.5	20-may-1988	LW02	24DNT	LT	0.430	UGG
0.5	20-may-1988	LW02	26DNT	LT	0.410	UGG
0.5	20-may-1988	LW02	HMX	LT	1.300	UGG
0.5	20-may-1988	LW02	NB	LT	0.430	UGG
0.5	20-may-1988	LW02	RDX	LT	0.920	UGG
0.5	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-101-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
39.5	21-feb-1988	99	BR	LT	1290.000	UGG
29.5	21-feb-1988	99	BR	LT	1220.000	UGG
39.5	21-feb-1988	99	CL		14900.000	UGG
29.5	21-feb-1988	99	CL		13300.000	UGG
39.5	21-feb-1988	99	F	LT	12.900	UGG
29.5	21-feb-1988	99	F	LT	11.900	UGG
39.5	21-feb-1988	99	NA		226.000	UGG
29.5	21-feb-1988	99	NA		243.000	UGG
39.5	21-feb-1988	99	NIT	LT	10100.000	UGG
39.5	21-feb-1988	99	NIT	LT	10100.000	UGG
39.5	21-feb-1988	99	SO4		20900.000	UGG
29.5	21-feb-1988	99	SO4	LT	15200.000	UGG
39.5	21-feb-1988	LW02	135TNB	LT	2.090	UGG
29.5	21-feb-1988	LW02	135TNB		3.700	UGG
39.5	21-feb-1988	LW02	13DNB	LT	0.590	UGG
29.5	21-feb-1988	LW02	13DNB	LT	0.590	UGG
39.5	21-feb-1988	LW02	246TNT	LT	1.920	UGG
29.5	21-feb-1988	LW02	246TNT	LT	1.920	UGG
39.5	21-feb-1988	LW02	24DNT	LT	0.420	UGG
29.5	21-feb-1988	LW02	24DNT	LT	0.420	UGG
39.5	21-feb-1988	LW02	26DNT	LT	0.400	UGG
29.5	21-feb-1988	LW02	26DNT	LT	0.400	UGG
39.5	21-feb-1988	LW02	HMX	LT	1.270	UGG
29.5	21-feb-1988	LW02	HMX	LT	1.270	UGG
39.5	21-feb-1988	LW02	NB	LT	0.420	UGG
29.5	21-feb-1988	LW02	NB	LT	0.420	UGG
39.5	21-feb-1988	LW02	RDX	LT	0.980	UGG
29.5	21-feb-1988	LW02	RDX	LT	0.980	UGG
39.5	21-feb-1988	LW02	TETRYL	LT	0.250	UGG
29.5	21-feb-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-102-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
29.5	23-feb-1988	99	BR	LT	1240.000	UGG
39.5	23-feb-1988	99	BR	LT	1320.000	UGG
29.5	23-feb-1988	99	CL		12000.000	UGG
39.5	23-feb-1988	99	CL		15400.000	UGG
29.5	23-feb-1988	99	F	LT	13.200	UGG
39.5	23-feb-1988	99	F	LT	12.400	UGG
29.5	23-feb-1988	99	NA		207.000	UGG
39.5	23-feb-1988	99	NA		405.000	UGG
39.5	23-feb-1988	99	NIT	LT	9190.000	UGG
29.5	23-feb-1988	99	SO4	LT	15600.000	UGG

Site: BORE N-102-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
39.5	23-feb-1988	99	SO4		26000.000	UGG
29.5	23-feb-1988	LW02	135TNB	LT	2.090	UGG
39.5	23-feb-1988	LW02	135TNB	LT	2.090	UGG
29.5	23-feb-1988	LW02	13DNB	LT	0.590	UGG
39.5	23-feb-1988	LW02	13DNB	LT	0.590	UGG
29.5	23-feb-1988	LW02	246TNT	LT	1.920	UGG
39.5	23-feb-1988	LW02	246TNT	LT	1.920	UGG
29.5	23-feb-1988	LW02	24DNT	LT	0.420	UGG
39.5	23-feb-1988	LW02	24DNT	LT	0.420	UGG
29.5	23-feb-1988	LW02	26DNT	LT	0.400	UGG
39.5	23-feb-1988	LW02	26DNT	LT	0.400	UGG
29.5	23-feb-1988	LW02	HMX	LT	1.270	UGG
39.5	23-feb-1988	LW02	HMX	LT	1.270	UGG
29.5	23-feb-1988	LW02	NB	LT	0.420	UGG
39.5	23-feb-1988	LW02	NB	LT	0.420	UGG
29.5	23-feb-1988	LW02	RDX	LT	0.980	UGG
39.5	23-feb-1988	LW02	RDX	LT	0.980	UGG
29.5	23-feb-1988	LW02	TETRYL	LT	0.250	UGG
39.5	23-feb-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-103-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	23-feb-1988	99	BR	LT	1240.000	UGG
29.5	23-feb-1988	99	BR	LT	1310.000	UGG
24.5	23-feb-1988	99	CL		13000.000	UGG
29.5	23-feb-1988	99	CL		17600.000	UGG
24.5	23-feb-1988	99	F	LT	13.100	UGG
29.5	23-feb-1988	99	F	LT	12.300	UGG
24.5	23-feb-1988	99	NA		796.000	UGG
29.5	23-feb-1988	99	NA		819.000	UGG
24.5	23-feb-1988	99	NIT	LT	9190.000	UGG
29.5	23-feb-1988	99	NIT	LT	9190.000	UGG
24.5	23-feb-1988	99	SO4	LT	15500.000	UGG
29.5	23-feb-1988	99	SO4	LT	16400.000	UGG
24.5	23-feb-1988	LW02	135TNB	LT	2.090	UGG
29.5	23-feb-1988	LW02	135TNB	LT	2.090	UGG
24.5	23-feb-1988	LW02	13DNB	LT	0.590	UGG
29.5	23-feb-1988	LW02	13DNB	LT	0.590	UGG
24.5	23-feb-1988	LW02	246TNT	LT	1.920	UGG
29.5	23-feb-1988	LW02	246TNT	LT	1.920	UGG
24.5	23-feb-1988	LW02	24DNT	LT	0.420	UGG
29.5	23-feb-1988	LW02	24DNT	LT	0.420	UGG

Site: BORE N-103-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	23-feb-1988	LW02	26DNT	LT	0.400	UGG
29.5	23-feb-1988	LW02	26DNT	LT	0.400	UGG
24.5	23-feb-1988	LW02	HMX	LT	1.270	UGG
29.5	23-feb-1988	LW02	HMX	LT	1.270	UGG
24.5	23-feb-1988	LW02	NB	LT	0.420	UGG
29.5	23-feb-1988	LW02	NB	LT	0.420	UGG
24.5	23-feb-1988	LW02	RDX	LT	0.980	UGG
29.5	23-feb-1988	LW02	RDX	LT	0.980	UGG
24.5	23-feb-1988	LW02	TETRYL	LT	0.250	UGG
29.5	23-feb-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-104-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.0	25-feb-1988	99	BR	LT	1230.000	UGG
34.0	25-feb-1988	99	BR	LT	1130.000	UGG
24.0	25-feb-1988	99	CL		12500.000	UGG
34.0	25-feb-1988	99	CL	LT	14200.000	UGG
34.0	25-feb-1988	99	CL	LT	14200.000	UGG
24.0	25-feb-1988	99	F	LT	11.400	UGG
34.0	25-feb-1988	99	F	LT	11.300	UGG
34.0	25-feb-1988	99	F	LT	11.300	UGG
24.0	25-feb-1988	99	NA		669.000	UGG
34.0	25-feb-1988	99	NA		359.000	UGG
24.0	25-feb-1988	99	NIT	LT	9190.000	UGG
34.0	25-feb-1988	99	NIT	LT	9190.000	UGG
24.5	26-feb-1988	99	NIT	LT	8700.000	UGG
24.0	25-feb-1988	99	SO4	LT	15400.000	UGG
34.0	25-feb-1988	99	SO4	LT	14200.000	UGG
34.0	25-feb-1988	99	SO4	LT	14200.000	UGG
24.5	26-feb-1988	LM13	111TCE	ND	0.050	UGG
24.5	26-feb-1988	LM13	112TCE	ND	0.050	UGG
24.5	26-feb-1988	LM13	11DCE	ND	0.050	UGG
24.5	26-feb-1988	LM13	11DCLE	ND	0.050	UGG
24.5	26-feb-1988	LM13	12DCLB	ND	0.300	UGG
24.5	26-feb-1988	LM13	12DCLE	ND	0.050	UGG
24.5	26-feb-1988	LM13	12DCLP	ND	0.050	UGG
24.5	26-feb-1988	LM13	13DCLB	ND	0.300	UGG
24.5	26-feb-1988	LM13	14DCLB	ND	0.300	UGG
24.5	26-feb-1988	LM13	2CLEVE	ND	0.600	UGG
24.5	26-feb-1988	LM13	BRDCLM	ND	0.050	UGG
24.5	26-feb-1988	LM13	C13DCP	ND	0.600	UGG
24.5	26-feb-1988	LM13	C2H3CL	ND	0.100	UGG
24.5	26-feb-1988	LM13	C2H5CL	ND	0.100	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-104-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	26-feb-1988	LM13	C6H6	ND	0.600	UGG
24.5	26-feb-1988	LM13	CCL4	ND	0.050	UGG
24.5	26-feb-1988	LM13	CH2CL2	ND	0.050	UGG
24.5	26-feb-1988	LM13	CH3BR	ND	0.100	UGG
24.5	26-feb-1988	LM13	CH3CL	ND	0.100	UGG
24.5	26-feb-1988	LM13	CHBR3	ND	0.100	UGG
24.5	26-feb-1988	LM13	CHCL3	ND	0.050	UGG
24.5	26-feb-1988	LM13	CLC6H5	ND	0.630	UGG
24.5	26-feb-1988	LM13	DBRCLM	ND	0.050	UGG
24.5	26-feb-1988	LM13	ETC6H5	ND	0.050	UGG
24.5	26-feb-1988	LM13	MEC6H5	ND	0.050	UGG
24.5	26-feb-1988	LM13	T12DCE	ND	0.630	UGG
24.5	26-feb-1988	LM13	T13DCP	ND	0.050	UGG
24.5	26-feb-1988	LM13	TCLEA	ND	0.050	UGG
24.5	26-feb-1988	LM13	TCLEE	ND	0.050	UGG
24.5	26-feb-1988	LM13	TRCLE	LT	0.141	UGG
24.0	25-feb-1988	LW02	135TNB	LT	2.090	UGG
34.0	25-feb-1988	LW02	135TNB	LT	2.090	UGG
24.5	26-feb-1988	LW02	135TNB	LT	2.090	UGG
24.0	25-feb-1988	LW02	13DNB	LT	0.590	UGG
34.0	25-feb-1988	LW02	13DNB	LT	0.590	UGG
24.5	26-feb-1988	LW02	13DNB	LT	0.590	UGG
24.0	25-feb-1988	LW02	246TNT	LT	1.920	UGG
34.0	25-feb-1988	LW02	246TNT	LT	1.920	UGG
24.5	26-feb-1988	LW02	246TNT	LT	1.920	UGG
24.0	25-feb-1988	LW02	24DNT	LT	0.420	UGG
34.0	25-feb-1988	LW02	24DNT	LT	0.420	UGG
24.5	26-feb-1988	LW02	24DNT	LT	0.420	UGG
24.0	25-feb-1988	LW02	26DNT	LT	0.400	UGG
34.0	25-feb-1988	LW02	26DNT	LT	0.400	UGG
24.5	26-feb-1988	LW02	26DNT	LT	0.400	UGG
24.0	25-feb-1988	LW02	HMX	LT	1.270	UGG
34.0	25-feb-1988	LW02	HMX	LT	1.270	UGG
24.5	26-feb-1988	LW02	HMX	LT	1.270	UGG
24.0	25-feb-1988	LW02	NB	LT	0.420	UGG
34.0	25-feb-1988	LW02	NB	LT	0.420	UGG
24.5	26-feb-1988	LW02	NB	LT	0.420	UGG
24.0	25-feb-1988	LW02	RDX	LT	0.980	UGG
34.0	25-feb-1988	LW02	RDX		1.600	UGG
24.5	26-feb-1988	LW02	RDX	LT	0.980	UGG
24.0	25-feb-1988	LW02	TETRYL	LT	0.250	UGG
34.0	25-feb-1988	LW02	TETRYL	LT	0.250	UGG
24.5	26-feb-1988	LW02	TETRYL	LT	0.250	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-105-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
9.5	26-feb-1988	99	NIT	LT	8700.000	UGG
19.5	26-feb-1988	99	NIT	LT	8700.000	UGG
9.5	26-feb-1988	LM13	111TCE	ND	0.050	UGG
19.5	26-feb-1988	LM13	111TCE	ND	0.050	UGG
9.5	26-feb-1988	LM13	112TCE	ND	0.050	UGG
19.5	26-feb-1988	LM13	112TCE	ND	0.050	UGG
9.5	26-feb-1988	LM13	11DCE	ND	0.050	UGG
19.5	26-feb-1988	LM13	11DCE	ND	0.050	UGG
9.5	26-feb-1988	LM13	11DCLE	ND	0.050	UGG
19.5	26-feb-1988	LM13	11DCLE	ND	0.050	UGG
9.5	26-feb-1988	LM13	12DCLB	ND	0.300	UGG
19.5	26-feb-1988	LM13	12DCLB	ND	0.300	UGG
9.5	26-feb-1988	LM13	12DCLE	ND	0.050	UGG
19.5	26-feb-1988	LM13	12DCLE	ND	0.050	UGG
9.5	26-feb-1988	LM13	12DCLP	ND	0.050	UGG
19.5	26-feb-1988	LM13	12DCLP	ND	0.050	UGG
9.5	26-feb-1988	LM13	13DCLB	ND	0.300	UGG
19.5	26-feb-1988	LM13	13DCLB	ND	0.300	UGG
9.5	26-feb-1988	LM13	14DCLB	ND	0.300	UGG
19.5	26-feb-1988	LM13	14DCLB	ND	0.300	UGG
9.5	26-feb-1988	LM13	2CLEVE	ND	0.600	UGG
19.5	26-feb-1988	LM13	2CLEVE	ND	0.600	UGG
9.5	26-feb-1988	LM13	8RDCLM	ND	0.050	UGG
19.5	26-feb-1988	LM13	8RDCLM	ND	0.050	UGG
9.5	26-feb-1988	LM13	C13DCP	ND	0.600	UGG
19.5	26-feb-1988	LM13	C13DCP	ND	0.600	UGG
9.5	26-feb-1988	LM13	C2H3CL	ND	0.100	UGG
19.5	26-feb-1988	LM13	C2H3CL	ND	0.100	UGG
9.5	26-feb-1988	LM13	C2H5CL	ND	0.100	UGG
19.5	26-feb-1988	LM13	C2H5CL	ND	0.100	UGG
9.5	26-feb-1988	LM13	C6H6	ND	0.600	UGG
19.5	26-feb-1988	LM13	C6H6	ND	0.600	UGG
9.5	26-feb-1988	LM13	CCL4	ND	0.050	UGG
19.5	26-feb-1988	LM13	CCL4	ND	0.050	UGG
9.5	26-feb-1988	LM13	CH2CL2	ND	0.050	UGG
19.5	26-feb-1988	LM13	CH2CL2	ND	0.050	UGG
9.5	26-feb-1988	LM13	CH3BR	ND	0.100	UGG
19.5	26-feb-1988	LM13	CH3BR	ND	0.100	UGG
9.5	26-feb-1988	LM13	CH3CL	ND	0.100	UGG
19.5	26-feb-1988	LM13	CH3CL	ND	0.100	UGG
9.5	26-feb-1988	LM13	CHBR3	ND	0.100	UGG
19.5	26-feb-1988	LM13	CHBR3	ND	0.100	UGG
9.5	26-feb-1988	LM13	CHCL3	ND	0.050	UGG
19.5	26-feb-1988	LM13	CHCL3	ND	0.050	UGG
9.5	26-feb-1988	LM13	CLC6H5	ND	0.630	UGG
19.5	26-feb-1988	LM13	CLC6H5	ND	0.630	UGG
9.5	26-feb-1988	LM13	DBRCLM	ND	0.050	UGG

Site: BORE N-105-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
19.5	26-feb-1988	LM13	DBRCLM	ND	0.050	UGG
9.5	26-feb-1988	LM13	ETC6H5	ND	0.050	UGG
19.5	26-feb-1988	LM13	ETC6H5	ND	0.050	UGG
9.5	26-feb-1988	LM13	MEC6H5	ND	0.050	UGG
19.5	26-feb-1988	LM13	MEC6H5	ND	0.050	UGG
9.5	26-feb-1988	LM13	T12DCE	ND	0.630	UGG
19.5	26-feb-1988	LM13	T12DCE	ND	0.630	UGG
9.5	26-feb-1988	LM13	T13DCP	ND	0.050	UGG
19.5	26-feb-1988	LM13	T13DCP	ND	0.050	UGG
9.5	26-feb-1988	LM13	TCLEA	ND	0.050	UGG
19.5	26-feb-1988	LM13	TCLEA	ND	0.050	UGG
9.5	26-feb-1988	LM13	TCLEE	ND	0.050	UGG
19.5	26-feb-1988	LM13	TCLEE	ND	0.050	UGG
9.5	26-feb-1988	LM13	TRCLE	LT	0.145	UGG
19.5	26-feb-1988	LM13	TRCLE	LT	0.145	UGG
9.5	26-feb-1988	LW02	135TNB	LT	2.090	UGG
19.5	26-feb-1988	LW02	135TNB	LT	2.090	UGG
9.5	26-feb-1988	LW02	13DNB	LT	0.590	UGG
19.5	26-feb-1988	LW02	13DNB	LT	0.590	UGG
9.5	26-feb-1988	LW02	246TNT	LT	1.920	UGG
19.5	26-feb-1988	LW02	246TNT	LT	1.920	UGG
9.5	26-feb-1988	LW02	24DNT	LT	0.420	UGG
19.5	26-feb-1988	LW02	24DNT	LT	0.420	UGG
9.5	26-feb-1988	LW02	26DNT	LT	0.400	UGG
19.5	26-feb-1988	LW02	26DNT	LT	0.400	UGG
9.5	26-feb-1988	LW02	HMX	LT	1.270	UGG
19.5	26-feb-1988	LW02	HMX	LT	1.270	UGG
9.5	26-feb-1988	LW02	NB	LT	0.420	UGG
19.5	26-feb-1988	LW02	NB	LT	0.420	UGG
9.5	26-feb-1988	LW02	RDX	LT	0.980	UGG
19.5	26-feb-1988	LW02	RDX	LT	0.980	UGG
9.5	26-feb-1988	LW02	TETRYL	LT	0.250	UGG
19.5	26-feb-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-106-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
29.0	26-feb-1988	99	NIT	LT	0.000	UGG
29.0	26-feb-1988	99	NIT	LT	0.000	UGG
44.0	26-feb-1988	99	NIT	LT	8700.000	UGG
29.0	26-feb-1988	LM13	111TCE	ND	0.050	UGG
44.0	26-feb-1988	LM13	111TCE	ND	0.050	UGG
29.0	26-feb-1988	LM13	112TCE	ND	0.050	UGG

Site: BORE N-106-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
44.0	26-feb-1988	LM13	112TCE	ND	0.050	UGG
29.0	26-feb-1988	LM13	11DCE	ND	0.050	UGG
44.0	26-feb-1988	LM13	11DCE	ND	0.050	UGG
29.0	26-feb-1988	LM13	11DCLE	ND	0.050	UGG
44.0	26-feb-1988	LM13	11DCLE	ND	0.050	UGG
29.0	26-feb-1988	LM13	12DCLB	ND	0.300	UGG
44.0	26-feb-1988	LM13	12DCLB	ND	0.300	UGG
29.0	26-feb-1988	LM13	12DCLE	ND	0.050	UGG
44.0	26-feb-1988	LM13	12DCLE	ND	0.050	UGG
29.0	26-feb-1988	LM13	12DCLP	ND	0.050	UGG
44.0	26-feb-1988	LM13	12DCLP	ND	0.050	UGG
29.0	26-feb-1988	LM13	13DCLB	ND	0.300	UGG
44.0	26-feb-1988	LM13	13DCLB	ND	0.300	UGG
29.0	26-feb-1988	LM13	14DCLB	ND	0.300	UGG
44.0	26-feb-1988	LM13	14DCLB	ND	0.300	UGG
29.0	26-feb-1988	LM13	2CLEVE	ND	0.600	UGG
44.0	26-feb-1988	LM13	2CLEVE	ND	0.600	UGG
29.0	26-feb-1988	LM13	BRDCLM	ND	0.050	UGG
44.0	26-feb-1988	LM13	BRDCLM	ND	0.050	UGG
29.0	26-feb-1988	LM13	C13DCP	ND	0.600	UGG
44.0	26-feb-1988	LM13	C13DCP	ND	0.600	UGG
29.0	26-feb-1988	LM13	C2H3CL	ND	0.100	UGG
44.0	26-feb-1988	LM13	C2H3CL	ND	0.100	UGG
29.0	26-feb-1988	LM13	C2H5CL	ND	0.100	UGG
44.0	26-feb-1988	LM13	C2H5CL	ND	0.100	UGG
29.0	26-feb-1988	LM13	C6H6	ND	0.600	UGG
44.0	26-feb-1988	LM13	C6H6	ND	0.600	UGG
29.0	26-feb-1988	LM13	CCL4	ND	0.050	UGG
44.0	26-feb-1988	LM13	CCL4	ND	0.050	UGG
29.0	26-feb-1988	LM13	CH2CL2	ND	0.050	UGG
44.0	26-feb-1988	LM13	CH2CL2	ND	0.050	UGG
29.0	26-feb-1988	LM13	CH3BR	ND	0.100	UGG
44.0	26-feb-1988	LM13	CH3BR	ND	0.100	UGG
29.0	26-feb-1988	LM13	CH3CL	ND	0.100	UGG
44.0	26-feb-1988	LM13	CH3CL	ND	0.100	UGG
29.0	26-feb-1988	LM13	CHBR3	ND	0.100	UGG
44.0	26-feb-1988	LM13	CHBR3	ND	0.100	UGG
29.0	26-feb-1988	LM13	CHCL3	ND	0.050	UGG
44.0	26-feb-1988	LM13	CHCL3	ND	0.050	UGG
29.0	26-feb-1988	LM13	CLC6H5	ND	0.630	UGG
44.0	26-feb-1988	LM13	CLC6H5	ND	0.630	UGG
29.0	26-feb-1988	LM13	DBRCLM	ND	0.050	UGG
44.0	26-feb-1988	LM13	DBRCLM	ND	0.050	UGG
29.0	26-feb-1988	LM13	ETC6H5	ND	0.050	UGG
44.0	26-feb-1988	LM13	ETC6H5	ND	0.050	UGG
29.0	26-feb-1988	LM13	MEC6H5	ND	0.050	UGG
44.0	26-feb-1988	LM13	MEC6H5	ND	0.050	UGG
29.0	26-feb-1988	LM13	T12DCE	ND	0.630	UGG

Site: BORE N-106-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
44.0	26-feb-1988	LM13	T12DCE	ND	0.630	UGG
29.0	26-feb-1988	LM13	T13DCP	ND	0.050	UGG
44.0	26-feb-1988	LM13	T13DCP	ND	0.050	UGG
29.0	26-feb-1988	LM13	TCLEA	ND	0.050	UGG
44.0	26-feb-1988	LM13	TCLEA	ND	0.050	UGG
29.0	26-feb-1988	LM13	TCLEE	ND	0.050	UGG
44.0	26-feb-1988	LM13	TCLEE	ND	0.050	UGG
29.0	26-feb-1988	LM13	TRCLE	LT	0.141	UGG
44.0	26-feb-1988	LM13	TRCLE	LT	0.141	UGG
29.0	26-feb-1988	LW02	135TNB	LT	2.090	UGG
44.0	26-feb-1988	LW02	135TNB	LT	2.090	UGG
29.0	26-feb-1988	LW02	13DNB	LT	0.590	UGG
44.0	26-feb-1988	LW02	13DNB	LT	0.590	UGG
29.0	26-feb-1988	LW02	246TNT	LT	1.920	UGG
44.0	26-feb-1988	LW02	246TNT	LT	1.920	UGG
29.0	26-feb-1988	LW02	24DNT	LT	0.420	UGG
44.0	26-feb-1988	LW02	24DNT	LT	0.420	UGG
29.0	26-feb-1988	LW02	26DNT	LT	0.400	UGG
44.0	26-feb-1988	LW02	26DNT	LT	0.400	UGG
29.0	26-feb-1988	LW02	HMX	LT	1.270	UGG
44.0	26-feb-1988	LW02	HMX	LT	1.270	UGG
29.0	26-feb-1988	LW02	NB	LT	0.420	UGG
44.0	26-feb-1988	LW02	NB	LT	0.420	UGG
29.0	26-feb-1988	LW02	RDX	LT	0.980	UGG
44.0	26-feb-1988	LW02	RDX	LT	0.980	UGG
29.0	26-feb-1988	LW02	TETRYL	LT	0.250	UGG
44.0	26-feb-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-107-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
29.5	26-feb-1988	99	NIT	LT	8700.000	UGG
39.5	26-feb-1988	99	NIT	LT	8700.000	UGG
29.5	26-feb-1988	LM13	111TCE	ND	0.050	UGG
29.5	26-feb-1988	LM13	112TCE	ND	0.050	UGG
29.5	26-feb-1988	LM13	11DCE	ND	0.050	UGG
29.5	26-feb-1988	LM13	11DCLE	ND	0.050	UGG
29.5	26-feb-1988	LM13	12DCLB	ND	0.300	UGG
29.5	26-feb-1988	LM13	12DCLE	ND	0.050	UGG
29.5	26-feb-1988	LM13	12DCLP	ND	0.050	UGG
29.5	26-feb-1988	LM13	13DCLB	ND	0.300	UGG
29.5	26-feb-1988	LM13	14DCLB	ND	0.300	UGG
29.5	26-feb-1988	LM13	2CLEVE	ND	0.600	UGG

Site: BORE N-107-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
29.5	26-feb-1988	LM13	BRDCLM	ND	0.050	UGG
29.5	26-feb-1988	LM13	C13DCP	ND	0.600	UGG
29.5	26-feb-1988	LM13	C2H3CL	ND	0.100	UGG
29.5	26-feb-1988	LM13	C2H5CL	ND	0.100	UGG
29.5	26-feb-1988	LM13	C6H6	ND	0.600	UGG
29.5	26-feb-1988	LM13	CCL4	ND	0.050	UGG
29.5	26-feb-1988	LM13	CH2CL2	ND	0.050	UGG
29.5	26-feb-1988	LM13	CH3BR	ND	0.100	UGG
29.5	26-feb-1988	LM13	CH3CL	ND	0.100	UGG
29.5	26-feb-1988	LM13	CHBR3	ND	0.100	UGG
29.5	26-feb-1988	LM13	CHCL3	ND	0.050	UGG
29.5	26-feb-1988	LM13	CLC6H5	ND	0.630	UGG
29.5	26-feb-1988	LM13	DBRCLM	ND	0.050	UGG
29.5	26-feb-1988	LM13	ETC6H5	ND	0.050	UGG
29.5	26-feb-1988	LM13	MEC6H5	ND	0.050	UGG
29.5	26-feb-1988	LM13	T12DCE	ND	0.630	UGG
29.5	26-feb-1988	LM13	T13DCP	ND	0.050	UGG
29.5	26-feb-1988	LM13	TCLEA	ND	0.050	UGG
29.5	26-feb-1988	LM13	TCLEE	ND	0.050	UGG
29.5	26-feb-1988	LM13	TRCLE	LT	0.145	UGG
29.5	26-feb-1988	LW02	135TNB	LT	2.090	UGG
39.5	26-feb-1988	LW02	135TNB	LT	2.090	UGG
29.5	26-feb-1988	LW02	13DNB	LT	0.590	UGG
39.5	26-feb-1988	LW02	13DNB	LT	0.590	UGG
29.5	26-feb-1988	LW02	246TNT	LT	1.920	UGG
39.5	26-feb-1988	LW02	246TNT	LT	1.920	UGG
29.5	26-feb-1988	LW02	24DNT	LT	0.420	UGG
39.5	26-feb-1988	LW02	24DNT	LT	0.420	UGG
29.5	26-feb-1988	LW02	26DNT	LT	0.400	UGG
39.5	26-feb-1988	LW02	26DNT	LT	0.400	UGG
29.5	26-feb-1988	LW02	HMX	LT	1.270	UGG
39.5	26-feb-1988	LW02	HMX	LT	1.270	UGG
29.5	26-feb-1988	LW02	NB	LT	0.420	UGG
39.5	26-feb-1988	LW02	NB	LT	0.420	UGG
29.5	26-feb-1988	LW02	RDX	LT	0.980	UGG
39.5	26-feb-1988	LW02	RDX	LT	0.980	UGG
29.5	26-feb-1988	LW02	TETRYL	LT	0.250	UGG
39.5	26-feb-1988	LW02	TETRYL	LT	0.250	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-108-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
21.8	27-feb-1988	99	NIT		617.000	UGG
21.8	27-feb-1988	99	NIT	LT	502.000	UGG
0.0	27-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	27-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	27-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	27-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	27-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	27-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	27-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.0	27-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.0	27-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	27-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	27-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	27-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	27-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	27-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	27-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	27-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	27-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	27-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	27-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	27-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	27-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	27-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	27-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	27-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	27-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	27-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	27-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	27-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	27-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	27-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	27-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	27-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	27-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	27-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	27-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	27-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	27-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	27-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	27-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	27-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	27-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	27-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	27-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	27-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	27-feb-1988	LM13	DBRCLM	ND	0.050	UGG

Site: BORE N-108-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	27-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	27-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	27-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	27-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	27-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	27-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	27-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	27-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	27-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	27-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.0	27-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.0	27-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	27-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	27-feb-1988	LM13	TRCLE	LT	0.145	UGG
0.0	27-feb-1988	LM13	TRCLE	LT	0.145	UGG
0.0	27-feb-1988	LM13	TRCLE	LT	0.145	UGG
0.0	27-feb-1988	LW02	135TNB	LT	2.090	UGG
0.0	27-feb-1988	LW02	135TNB		8.200	UGG
0.0	27-feb-1988	LW02	13DNB	LT	0.590	UGG
0.0	27-feb-1988	LW02	13DNB	LT	0.590	UGG
0.0	27-feb-1988	LW02	246TNT	LT	1.920	UGG
0.0	27-feb-1988	LW02	246TNT	LT	1.920	UGG
0.0	27-feb-1988	LW02	24DNT	LT	0.420	UGG
0.0	27-feb-1988	LW02	24DNT	LT	0.420	UGG
0.0	27-feb-1988	LW02	26DNT	LT	0.400	UGG
0.0	27-feb-1988	LW02	26DNT	LT	0.400	UGG
0.0	27-feb-1988	LW02	HMX	LT	1.270	UGG
0.0	27-feb-1988	LW02	HMX		1.700	UGG
0.0	27-feb-1988	LW02	NB	LT	0.420	UGG
0.0	27-feb-1988	LW02	NB	LT	0.420	UGG
0.0	27-feb-1988	LW02	RDX	LT	0.980	UGG
0.0	27-feb-1988	LW02	RDX		4.100	UGG
0.0	27-feb-1988	LW02	TETRYL	LT	0.250	UGG
0.0	27-feb-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-109-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
19.5	28-feb-1988	99	NIT	LT	0.000	UGG
29.5	28-feb-1988	99	NIT	LT	8600.000	UGG
34.5	28-feb-1988	99	NIT	LT	8600.000	UGG
34.5	28-feb-1988	99	NIT	LT	8600.000	UGG
9.5	28-feb-1988	99	NIT	LT	8600.000	UGG
24.5	28-feb-1988	99	NIT	LT	8600.000	UGG

Site: BORE N-109-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
4.5	28-feb-1988	99	NIT	LT	8600.000	UGG
14.5	28-feb-1988	99	NIT	LT	8600.000	UGG
19.5	28-feb-1988	LM13	111TCE	ND	0.050	UGG
29.5	28-feb-1988	LM13	111TCE	ND	0.050	UGG
34.5	28-feb-1988	LM13	111TCE	ND	0.050	UGG
34.5	28-feb-1988	LM13	111TCE	ND	0.050	UGG
9.5	28-feb-1988	LM13	111TCE	ND	0.050	UGG
19.5	28-feb-1988	LM13	112TCE	ND	0.050	UGG
29.5	28-feb-1988	LM13	112TCE	ND	0.050	UGG
34.5	28-feb-1988	LM13	112TCE	ND	0.050	UGG
34.5	28-feb-1988	LM13	112TCE	ND	0.050	UGG
9.5	28-feb-1988	LM13	112TCE	ND	0.050	UGG
19.5	28-feb-1988	LM13	11DCE	ND	0.050	UGG
29.5	28-feb-1988	LM13	11DCE	ND	0.050	UGG
34.5	28-feb-1988	LM13	11DCE	ND	0.050	UGG
34.5	28-feb-1988	LM13	11DCE	ND	0.050	UGG
9.5	28-feb-1988	LM13	11DCE	ND	0.050	UGG
19.5	28-feb-1988	LM13	11DCLE	ND	0.050	UGG
29.5	28-feb-1988	LM13	11DCLE	ND	0.050	UGG
34.5	28-feb-1988	LM13	11DCLE	ND	0.050	UGG
34.5	28-feb-1988	LM13	11DCLE	ND	0.050	UGG
9.5	28-feb-1988	LM13	11DCLE	ND	0.050	UGG
19.5	28-feb-1988	LM13	12DCLB	ND	0.300	UGG
29.5	28-feb-1988	LM13	12DCLB	ND	0.300	UGG
34.5	28-feb-1988	LM13	12DCLB	ND	0.300	UGG
34.5	28-feb-1988	LM13	12DCLB	ND	0.300	UGG
9.5	28-feb-1988	LM13	12DCLB	ND	0.300	UGG
19.5	28-feb-1988	LM13	12DCLE	ND	0.050	UGG
29.5	28-feb-1988	LM13	12DCLE	ND	0.050	UGG
34.5	28-feb-1988	LM13	12DCLE	ND	0.050	UGG
34.5	28-feb-1988	LM13	12DCLE	ND	0.050	UGG
9.5	28-feb-1988	LM13	12DCLE	ND	0.050	UGG
19.5	28-feb-1988	LM13	12DCLP	ND	0.050	UGG
29.5	28-feb-1988	LM13	12DCLP	ND	0.050	UGG
34.5	28-feb-1988	LM13	12DCLP	ND	0.050	UGG
34.5	28-feb-1988	LM13	12DCLP	ND	0.050	UGG
9.5	28-feb-1988	LM13	12DCLP	ND	0.050	UGG
19.5	28-feb-1988	LM13	13DCLB	ND	0.300	UGG
29.5	28-feb-1988	LM13	13DCLB	ND	0.300	UGG
34.5	28-feb-1988	LM13	13DCLB	ND	0.300	UGG
34.5	28-feb-1988	LM13	13DCLB	ND	0.300	UGG
9.5	28-feb-1988	LM13	13DCLB	ND	0.300	UGG
19.5	28-feb-1988	LM13	14DCLB	ND	0.300	UGG
29.5	28-feb-1988	LM13	14DCLB	ND	0.300	UGG
34.5	28-feb-1988	LM13	14DCLB	ND	0.300	UGG
34.5	28-feb-1988	LM13	14DCLB	ND	0.300	UGG
9.5	28-feb-1988	LM13	14DCLB	ND	0.300	UGG

Site: BORE N-109-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
19.5	28-feb-1988	LM13	2CLEVE	ND	0.600	UGG
29.5	28-feb-1988	LM13	2CLEVE	ND	0.600	UGG
34.5	28-feb-1988	LM13	2CLEVE	ND	0.600	UGG
34.5	28-feb-1988	LM13	2CLEVE	ND	0.600	UGG
9.5	28-feb-1988	LM13	2CLEVE	ND	0.600	UGG
19.5	28-feb-1988	LM13	BRDCLM	ND	0.050	UGG
29.5	28-feb-1988	LM13	BRDCLM	ND	0.050	UGG
34.5	28-feb-1988	LM13	BRDCLM	ND	0.050	UGG
34.5	28-feb-1988	LM13	BRDCLM	ND	0.050	UGG
9.5	28-feb-1988	LM13	BRDCLM	ND	0.050	UGG
19.5	28-feb-1988	LM13	C13DCP	ND	0.600	UGG
29.5	28-feb-1988	LM13	C13DCP	ND	0.600	UGG
34.5	28-feb-1988	LM13	C13DCP	ND	0.600	UGG
34.5	28-feb-1988	LM13	C13DCP	ND	0.600	UGG
9.5	28-feb-1988	LM13	C13DCP	ND	0.600	UGG
19.5	28-feb-1988	LM13	C2H3CL	ND	0.100	UGG
29.5	28-feb-1988	LM13	C2H3CL	ND	0.100	UGG
34.5	28-feb-1988	LM13	C2H3CL	ND	0.100	UGG
34.5	28-feb-1988	LM13	C2H3CL	ND	0.100	UGG
9.5	28-feb-1988	LM13	C2H3CL	ND	0.100	UGG
19.5	28-feb-1988	LM13	C2H5CL	ND	0.100	UGG
29.5	28-feb-1988	LM13	C2H5CL	ND	0.100	UGG
34.5	28-feb-1988	LM13	C2H5CL	ND	0.100	UGG
34.5	28-feb-1988	LM13	C2H5CL	ND	0.100	UGG
9.5	28-feb-1988	LM13	C2H5CL	ND	0.100	UGG
19.5	28-feb-1988	LM13	C6H6	ND	0.600	UGG
29.5	28-feb-1988	LM13	C6H6	ND	0.600	UGG
34.5	28-feb-1988	LM13	C6H6	ND	0.600	UGG
34.5	28-feb-1988	LM13	C6H6	ND	0.600	UGG
9.5	28-feb-1988	LM13	C6H6	ND	0.600	UGG
19.5	28-feb-1988	LM13	CCL4	ND	0.050	UGG
29.5	28-feb-1988	LM13	CCL4	ND	0.050	UGG
34.5	28-feb-1988	LM13	CCL4	ND	0.050	UGG
34.5	28-feb-1988	LM13	CCL4	ND	0.050	UGG
9.5	28-feb-1988	LM13	CCL4	ND	0.050	UGG
19.5	28-feb-1988	LM13	CH2CL2	ND	0.050	UGG
29.5	28-feb-1988	LM13	CH2CL2	ND	0.050	UGG
34.5	28-feb-1988	LM13	CH2CL2	ND	0.050	UGG
34.5	28-feb-1988	LM13	CH2CL2	ND	0.050	UGG
9.5	28-feb-1988	LM13	CH2CL2	ND	0.050	UGG
19.5	28-feb-1988	LM13	CH3BR	ND	0.100	UGG
29.5	28-feb-1988	LM13	CH3BR	ND	0.100	UGG
34.5	28-feb-1988	LM13	CH3BR	ND	0.100	UGG
34.5	28-feb-1988	LM13	CH3BR	ND	0.100	UGG
9.5	28-feb-1988	LM13	CH3BR	ND	0.100	UGG
19.5	28-feb-1988	LM13	CH3CL	ND	0.100	UGG
29.5	28-feb-1988	LM13	CH3CL	ND	0.100	UGG
34.5	28-feb-1988	LM13	CH3CL	ND	0.100	UGG

Site: BORE N-109-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
34.5	28-feb-1988	LM13	CH3CL	ND	0.100	UGG
9.5	28-feb-1988	LM13	CH3CL	ND	0.100	UGG
19.5	28-feb-1988	LM13	CHBR3	ND	0.100	UGG
29.5	28-feb-1988	LM13	CHBR3	ND	0.100	UGG
34.5	28-feb-1988	LM13	CHBR3	ND	0.100	UGG
34.5	28-feb-1988	LM13	CHBR3	ND	0.100	UGG
9.5	28-feb-1988	LM13	CHBR3	ND	0.100	UGG
19.5	28-feb-1988	LM13	CHCL3	ND	0.050	UGG
29.5	28-feb-1988	LM13	CHCL3	ND	0.050	UGG
34.5	28-feb-1988	LM13	CHCL3	ND	0.050	UGG
34.5	28-feb-1988	LM13	CHCL3	ND	0.050	UGG
9.5	28-feb-1988	LM13	CHCL3	ND	0.050	UGG
19.5	28-feb-1988	LM13	CLC6H5	ND	0.630	UGG
29.5	28-feb-1988	LM13	CLC6H5	ND	0.630	UGG
34.5	28-feb-1988	LM13	CLC6H5	ND	0.630	UGG
34.5	28-feb-1988	LM13	CLC6H5	ND	0.630	UGG
9.5	28-feb-1988	LM13	CLC6H5	ND	0.630	UGG
19.5	28-feb-1988	LM13	DBRCLM	ND	0.050	UGG
29.5	28-feb-1988	LM13	DBRCLM	ND	0.050	UGG
34.5	28-feb-1988	LM13	DBRCLM	ND	0.050	UGG
34.5	28-feb-1988	LM13	DBRCLM	ND	0.050	UGG
9.5	28-feb-1988	LM13	DBRCLM	ND	0.050	UGG
19.5	28-feb-1988	LM13	ETC6H5	ND	0.050	UGG
29.5	28-feb-1988	LM13	ETC6H5	ND	0.050	UGG
34.5	28-feb-1988	LM13	ETC6H5	ND	0.050	UGG
34.5	28-feb-1988	LM13	ETC6H5	ND	0.050	UGG
9.5	28-feb-1988	LM13	ETC6H5	ND	0.050	UGG
19.5	28-feb-1988	LM13	MEC6H5	ND	0.050	UGG
29.5	28-feb-1988	LM13	MEC6H5	ND	0.050	UGG
34.5	28-feb-1988	LM13	MEC6H5	ND	0.050	UGG
34.5	28-feb-1988	LM13	MEC6H5	ND	0.050	UGG
9.5	28-feb-1988	LM13	MEC6H5	ND	0.050	UGG
19.5	28-feb-1988	LM13	T12DCE	ND	0.630	UGG
29.5	28-feb-1988	LM13	T12DCE	ND	0.630	UGG
34.5	28-feb-1988	LM13	T12DCE	ND	0.630	UGG
34.5	28-feb-1988	LM13	T12DCE	ND	0.630	UGG
9.5	28-feb-1988	LM13	T12DCE	ND	0.630	UGG
19.5	28-feb-1988	LM13	T13DCP	ND	0.050	UGG
29.5	28-feb-1988	LM13	T13DCP	ND	0.050	UGG
34.5	28-feb-1988	LM13	T13DCP	ND	0.050	UGG
34.5	28-feb-1988	LM13	T13DCP	ND	0.050	UGG
9.5	28-feb-1988	LM13	T13DCP	ND	0.050	UGG
19.5	28-feb-1988	LM13	TCLEA	ND	0.050	UGG
29.5	28-feb-1988	LM13	TCLEA	ND	0.050	UGG
34.5	28-feb-1988	LM13	TCLEA	ND	0.050	UGG
34.5	28-feb-1988	LM13	TCLEA	ND	0.050	UGG
9.5	28-feb-1988	LM13	TCLEA	ND	0.050	UGG
19.5	28-feb-1988	LM13	TCLEE	ND	0.050	UGG

Site: BORE N-109-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
29.5	28-feb-1988	LM13	TCLEE	ND	0.050	UGG
34.5	28-feb-1988	LM13	TCLEE	ND	0.050	UGG
34.5	28-feb-1988	LM13	TCLEE	ND	0.050	UGG
9.5	28-feb-1988	LM13	TCLEE	ND	0.050	UGG
19.5	28-feb-1988	LM13	TRCLE	LT	0.145	UGG
29.5	28-feb-1988	LM13	TRCLE	LT	0.145	UGG
34.5	28-feb-1988	LM13	TRCLE	LT	0.145	UGG
34.5	28-feb-1988	LM13	TRCLE	LT	0.145	UGG
9.5	28-feb-1988	LM13	TRCLE	LT	0.145	UGG
24.5	28-feb-1988	LM13	TRCLE	LT	0.145	UGG
4.5	28-feb-1988	LM13	TRCLE	LT	0.145	UGG
14.5	28-feb-1988	LM13	TRCLE	ND	0.145	UGG
19.5	28-feb-1988	LW02	135TNB		8.300	UGG
29.5	28-feb-1988	LW02	135TNB		20.000	UGG
34.5	28-feb-1988	LW02	135TNB		3.900	UGG
34.5	28-feb-1988	LW02	135TNB	LT	2.090	UGG
9.5	28-feb-1988	LW02	135TNB		3.500	UGG
24.5	28-feb-1988	LW02	135TNB		12.000	UGG
4.5	28-feb-1988	LW02	135TNB	LT	2.090	UGG
14.5	28-feb-1988	LW02	135TNB		18.000	UGG
19.5	28-feb-1988	LW02	13DNB	LT	0.590	UGG
29.5	28-feb-1988	LW02	13DNB	LT	0.590	UGG
34.5	28-feb-1988	LW02	13DNB	LT	0.590	UGG
34.5	28-feb-1988	LW02	13DNB	LT	0.590	UGG
9.5	28-feb-1988	LW02	13DNB	LT	0.590	UGG
24.5	28-feb-1988	LW02	13DNB	LT	0.590	UGG
4.5	28-feb-1988	LW02	13DNB	LT	0.590	UGG
14.5	28-feb-1988	LW02	13DNB	LT	0.590	UGG
19.5	28-feb-1988	LW02	246TNT	LT	1.920	UGG
29.5	28-feb-1988	LW02	246TNT	LT	1.920	UGG
34.5	28-feb-1988	LW02	246TNT	LT	1.920	UGG
34.5	28-feb-1988	LW02	246TNT	LT	1.920	UGG
9.5	28-feb-1988	LW02	246TNT	LT	1.920	UGG
24.5	28-feb-1988	LW02	246TNT	LT	1.920	UGG
4.5	28-feb-1988	LW02	246TNT	LT	1.920	UGG
14.5	28-feb-1988	LW02	246TNT	LT	1.920	UGG
19.5	28-feb-1988	LW02	24DNT	LT	0.420	UGG
29.5	28-feb-1988	LW02	24DNT		0.490	UGG
34.5	28-feb-1988	LW02	24DNT		0.560	UGG
34.5	28-feb-1988	LW02	24DNT	LT	0.420	UGG
9.5	28-feb-1988	LW02	24DNT	LT	0.420	UGG
24.5	28-feb-1988	LW02	24DNT	LT	0.420	UGG
4.5	28-feb-1988	LW02	24DNT	LT	0.420	UGG
14.5	28-feb-1988	LW02	24DNT		0.800	UGG
19.5	28-feb-1988	LW02	26DNT	LT	0.400	UGG
29.5	28-feb-1988	LW02	26DNT	LT	0.400	UGG
34.5	28-feb-1988	LW02	26DNT	LT	0.400	UGG

Site: BORE N-109-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
34.5	28-feb-1988	LW02	26DNT	LT	0.400	UGG
9.5	28-feb-1988	LW02	26DNT	LT	0.400	UGG
24.5	28-feb-1988	LW02	26DNT	LT	0.400	UGG
4.5	28-feb-1988	LW02	26DNT	LT	0.400	UGG
14.5	28-feb-1988	LW02	26DNT	LT	0.400	UGG
19.5	28-feb-1988	LW02	HMX	LT	1.270	UGG
29.5	28-feb-1988	LW02	HMX		1.400	UGG
34.5	28-feb-1988	LW02	HMX		2.600	UGG
34.5	28-feb-1988	LW02	HMX	LT	1.270	UGG
9.5	28-feb-1988	LW02	HMX		1.300	UGG
24.5	28-feb-1988	LW02	HMX	LT	1.270	UGG
4.5	28-feb-1988	LW02	HMX		1.600	UGG
14.5	28-feb-1988	LW02	HMX		2.900	UGG
19.5	28-feb-1988	LW02	NB	LT	0.420	UGG
29.5	28-feb-1988	LW02	NB	LT	0.420	UGG
34.5	28-feb-1988	LW02	NB	LT	0.420	UGG
34.5	28-feb-1988	LW02	NB	LT	0.420	UGG
9.5	28-feb-1988	LW02	NB	LT	0.420	UGG
24.5	28-feb-1988	LW02	NB	LT	0.420	UGG
4.5	28-feb-1988	LW02	NB	LT	0.420	UGG
14.5	28-feb-1988	LW02	NB	LT	0.420	UGG
19.5	28-feb-1988	LW02	RDX		4.300	UGG
29.5	28-feb-1988	LW02	RDX		8.300	UGG
34.5	28-feb-1988	LW02	RDX		4.300	UGG
34.5	28-feb-1988	LW02	RDX	LT	0.980	UGG
9.5	28-feb-1988	LW02	RDX		2.500	UGG
24.5	28-feb-1988	LW02	RDX		6.500	UGG
4.5	28-feb-1988	LW02	RDX		2.700	UGG
14.5	28-feb-1988	LW02	RDX		5.700	UGG
19.5	28-feb-1988	LW02	TETRYL	LT	0.250	UGG
29.5	28-feb-1988	LW02	TETRYL	LT	0.250	UGG
34.5	28-feb-1988	LW02	TETRYL	LT	0.250	UGG
34.5	28-feb-1988	LW02	TETRYL	LT	0.250	UGG
9.5	28-feb-1988	LW02	TETRYL	LT	0.250	UGG
24.5	28-feb-1988	LW02	TETRYL	LT	0.250	UGG
4.5	28-feb-1988	LW02	TETRYL	LT	0.250	UGG
14.5	28-feb-1988	LW02	TETRYL	LT	0.250	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-111-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
336.0	30-mar-1988	99	AG	LT	0.674	UGG
336.0	30-mar-1988	99	AS	LT	5.930	UGG
336.0	30-mar-1988	99	BE	LT	0.343	UGG
336.0	30-mar-1988	99	BR	LT	0.000	UGG
336.0	30-mar-1988	99	CD		7.280	UGG
336.0	30-mar-1988	99	CL		8090.000	UGG
336.0	30-mar-1988	99	CR		217.000	UGG
336.0	30-mar-1988	99	CU		10.600	UGG
336.0	30-mar-1988	99	F	LT	18.900	UGG
336.0	30-mar-1988	99	NA		37.900	UGG
336.0	30-mar-1988	99	NI	LT	4.800	UGG
336.0	30-mar-1988	99	NIT	LT	0.000	UGG
336.0	30-mar-1988	99	PB	LT	4.970	UGG
336.0	30-mar-1988	99	SB	LT	26.300	UGG
336.0	30-mar-1988	99	SE	LT	2.180	UGG
336.0	30-mar-1988	99	TL	LT	8.250	UGG
336.0	30-mar-1988	99	ZN		53.600	UGG
336.0	30-mar-1988	JB08	HG	LT	0.106	UGG
336.0	30-mar-1988	KT01	SO4	LT	12500.000	UGG
336.0	30-mar-1988	LM13	111TCE	ND	0.050	UGG
336.0	30-mar-1988	LM13	112TCE	ND	0.050	UGG
336.0	30-mar-1988	LM13	11DCE	ND	0.050	UGG
336.0	30-mar-1988	LM13	11DCLE	ND	0.050	UGG
336.0	30-mar-1988	LM13	12DCLB	ND	0.300	UGG
336.0	30-mar-1988	LM13	12DCLE	ND	0.050	UGG
336.0	30-mar-1988	LM13	12DCLP	ND	0.050	UGG
336.0	30-mar-1988	LM13	13DCLB	ND	0.300	UGG
336.0	30-mar-1988	LM13	14DCLB	ND	0.300	UGG
336.0	30-mar-1988	LM13	2CLEVE	ND	0.600	UGG
336.0	30-mar-1988	LM13	BRDCLM	ND	0.050	UGG
336.0	30-mar-1988	LM13	C13DCP	ND	0.600	UGG
336.0	30-mar-1988	LM13	C2H3CL	ND	0.100	UGG
336.0	30-mar-1988	LM13	C2H5CL	ND	0.100	UGG
336.0	30-mar-1988	LM13	C6H6	ND	0.600	UGG
336.0	30-mar-1988	LM13	CCL4	ND	0.050	UGG
336.0	30-mar-1988	LM13	CH2CL2	ND	0.050	UGG
336.0	30-mar-1988	LM13	CH3BR	ND	0.100	UGG
336.0	30-mar-1988	LM13	CH3CL	ND	0.100	UGG
336.0	30-mar-1988	LM13	CHBR3	ND	0.100	UGG
336.0	30-mar-1988	LM13	CHCL3	ND	0.050	UGG
336.0	30-mar-1988	LM13	CLC6H5	ND	0.630	UGG
336.0	30-mar-1988	LM13	DBRCLM	ND	0.050	UGG
336.0	30-mar-1988	LM13	ETC6H5	ND	0.050	UGG
336.0	30-mar-1988	LM13	MEC6H5	ND	0.050	UGG
336.0	30-mar-1988	LM13	T12DCE	ND	0.630	UGG

Site: BORE N-111-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
336.0	30-mar-1988	LM13	T13DCP	ND	0.050	UGG
336.0	30-mar-1988	LM13	TCLEA	ND	0.050	UGG
336.0	30-mar-1988	LM13	TCLEE	ND	0.050	UGG
336.0	30-mar-1988	LM13	TRCLE	LT	0.145	UGG
336.0	30-mar-1988	LM14	124TCB	ND	0.300	UGG
336.0	30-mar-1988	LM14	12DPH	ND	0.300	UGG
336.0	30-mar-1988	LM14	246TCP	ND	0.300	UGG
336.0	30-mar-1988	LM14	24DCLP	ND	0.300	UGG
336.0	30-mar-1988	LM14	24DMPN	ND	0.300	UGG
336.0	30-mar-1988	LM14	24DNP	ND	2.000	UGG
336.0	30-mar-1988	LM14	24DNT	ND	0.300	UGG
336.0	30-mar-1988	LM14	26DNT	ND	0.300	UGG
336.0	30-mar-1988	LM14	2CLP	ND	0.300	UGG
336.0	30-mar-1988	LM14	2CNAP	ND	0.300	UGG
336.0	30-mar-1988	LM14	2NP	ND	0.300	UGG
336.0	30-mar-1988	LM14	33DCBD	ND	0.700	UGG
336.0	30-mar-1988	LM14	46DN2C	ND	2.000	UGG
336.0	30-mar-1988	LM14	4BRPPE	ND	0.300	UGG
336.0	30-mar-1988	LM14	4CL3C	ND	0.300	UGG
336.0	30-mar-1988	LM14	4CLPPE	ND	0.300	UGG
336.0	30-mar-1988	LM14	4NP	ND	2.000	UGG
336.0	30-mar-1988	LM14	ABHC	ND	0.500	UGG
336.0	30-mar-1988	LM14	AENSLF	ND	0.500	UGG
336.0	30-mar-1988	LM14	ALDRN	ND	0.500	UGG
336.0	30-mar-1988	LM14	ANAPNE	ND	0.300	UGG
336.0	30-mar-1988	LM14	ANAPYL	ND	0.300	UGG
336.0	30-mar-1988	LM14	ANTRC	ND	0.300	UGG
336.0	30-mar-1988	LM14	B2CEXM	ND	0.300	UGG
336.0	30-mar-1988	LM14	B2CIPE	ND	0.300	UGG
336.0	30-mar-1988	LM14	B2CLEE	ND	0.300	UGG
336.0	30-mar-1988	LM14	B2EHP	ND	0.300	UGG
336.0	30-mar-1988	LM14	BAANTR	ND	0.300	UGG
336.0	30-mar-1988	LM14	BAPYR	ND	0.300	UGG
336.0	30-mar-1988	LM14	BBFANT	ND	0.300	UGG
336.0	30-mar-1988	LM14	BBHC	ND	0.500	UGG
336.0	30-mar-1988	LM14	BBZP	ND	0.300	UGG
336.0	30-mar-1988	LM14	BENSLF	ND	1.000	UGG
336.0	30-mar-1988	LM14	BENZID	ND	1.650	UGG
336.0	30-mar-1988	LM14	BGHIPY	ND	0.300	UGG
336.0	30-mar-1988	LM14	BKFANT	ND	0.300	UGG
336.0	30-mar-1988	LM14	C2H5CL	ND	0.100	UGG
336.0	30-mar-1988	LM14	CHRY	ND	0.300	UGG
336.0	30-mar-1988	LM14	CL6BZ	ND	0.300	UGG
336.0	30-mar-1988	LM14	CL6CP	ND	0.300	UGG
336.0	30-mar-1988	LM14	CL6ET	ND	0.300	UGG
336.0	30-mar-1988	LM14	CLDAN	ND	5.000	UGG
336.0	30-mar-1988	LM14	DBAHA	ND	0.300	UGG

Site: BORE N-111-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
336.0	30-mar-1988	LM14	DBHC	ND	0.500	UGG
336.0	30-mar-1988	LM14	DEP	ND	0.300	UGG
336.0	30-mar-1988	LM14	DLDRN	ND	1.000	UGG
336.0	30-mar-1988	LM14	DMP	ND	0.300	UGG
336.0	30-mar-1988	LM14	DNBP	ND	0.300	UGG
336.0	30-mar-1988	LM14	DNOP	ND	0.300	UGG
336.0	30-mar-1988	LM14	ENDRN	ND	1.000	UGG
336.0	30-mar-1988	LM14	ENDRNA	ND	0.660	UGG
336.0	30-mar-1988	LM14	ESFSO4	ND	1.000	UGG
336.0	30-mar-1988	LM14	FANT	ND	0.300	UGG
336.0	30-mar-1988	LM14	FLRENE	ND	0.300	UGG
336.0	30-mar-1988	LM14	GBHC	ND	0.500	UGG
336.0	30-mar-1988	LM14	HCBD	ND	0.300	UGG
336.0	30-mar-1988	LM14	HPCL	ND	0.500	UGG
336.0	30-mar-1988	LM14	HPCLE	ND	0.500	UGG
336.0	30-mar-1988	LM14	ICDPYR	ND	0.300	UGG
336.0	30-mar-1988	LM14	ISOPHR	ND	0.300	UGG
336.0	30-mar-1988	LM14	LIN	LT	0.066	UGG
336.0	30-mar-1988	LM14	NAP	ND	0.300	UGG
336.0	30-mar-1988	LM14	NB	ND	0.300	UGG
336.0	30-mar-1988	LM14	NNDMEA	ND	0.330	UGG
336.0	30-mar-1988	LM14	NNDPA	ND	0.300	UGG
336.0	30-mar-1988	LM14	PCB016	ND	5.000	UGG
336.0	30-mar-1988	LM14	PCB221	ND	5.000	UGG
336.0	30-mar-1988	LM14	PCB232	ND	5.000	UGG
336.0	30-mar-1988	LM14	PCB242	ND	5.000	UGG
336.0	30-mar-1988	LM14	PCB248	ND	5.000	UGG
336.0	30-mar-1988	LM14	PCB254	ND	10.000	UGG
336.0	30-mar-1988	LM14	PCB260	ND	10.000	UGG
336.0	30-mar-1988	LM14	PCP	ND	2.000	UGG
336.0	30-mar-1988	LM14	PHANTR	ND	0.300	UGG
336.0	30-mar-1988	LM14	PHENOL	ND	0.300	UGG
336.0	30-mar-1988	LM14	PPDDD	ND	1.000	UGG
336.0	30-mar-1988	LM14	PPDDE	LT	0.094	UGG
336.0	30-mar-1988	LM14	PPDDT	LT	0.506	UGG
336.0	30-mar-1988	LM14	PYR	ND	0.300	UGG
336.0	30-mar-1988	LM14	TXPHEN	ND	7.000	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-112-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
32.6	21-apr-1988	99	AG	LT	0.757	UGG
328.0	21-apr-1988	99	AG	LT	0.800	UGG
32.6	21-apr-1988	99	AS		25.100	UGG
328.0	21-apr-1988	99	AS	LT	7.030	UGG
32.6	21-apr-1988	99	BE	LT	0.385	UGG
328.0	21-apr-1988	99	BE	LT	0.407	UGG
3.2	21-apr-1988	99	BR	LT	25000.000	UGG
32.6	21-apr-1988	99	BR	LT	125000.000	UGG
328.0	21-apr-1988	99	BR	LT	125000.000	UGG
32.6	21-apr-1988	99	CD	LT	0.818	UGG
328.0	21-apr-1988	99	CD	LT	0.864	UGG
3.2	21-apr-1988	99	CL	LT	25000.000	UGG
3.2	21-apr-1988	99	CL	LT	25000.000	UGG
32.6	21-apr-1988	99	CL	LT	125000.000	UGG
32.6	21-apr-1988	99	CR		12.400	UGG
328.0	21-apr-1988	99	CR		8.710	UGG
32.6	21-apr-1988	99	CU		5.570	UGG
328.0	21-apr-1988	99	CU		9.490	UGG
32.6	21-apr-1988	99	F	LT	5.000	UGG
328.0	21-apr-1988	99	F	LT	5.000	UGG
32.6	21-apr-1988	99	NA		72.600	UGG
328.0	21-apr-1988	99	NA		61.200	UGG
328.0	21-apr-1988	99	NIT	LT	125000.000	UGG
32.6	21-apr-1988	99	PB	LT	5.580	UGG
328.0	21-apr-1988	99	PB	LT	5.900	UGG
32.6	21-apr-1988	99	SB	LT	29.600	UGG
328.0	21-apr-1988	99	SB	LT	31.200	UGG
32.6	21-apr-1988	99	SE	LT	2.450	UGG
328.0	21-apr-1988	99	SE	LT	2.590	UGG
32.6	21-apr-1988	99	SO4	LT	12500.000	UGG
328.0	21-apr-1988	99	SO4	LT	12500.000	UGG
32.6	21-apr-1988	99	TL	LT	9.260	UGG
328.0	21-apr-1988	99	TL	LT	9.790	UGG
32.6	21-apr-1988	JB08	HG	LT	0.119	UGG
328.0	21-apr-1988	JB08	HG	LT	0.126	UGG
32.6	21-apr-1988	JS07	NI		5.080	UGG
328.0	21-apr-1988	JS07	NI		13.300	UGG
32.6	21-apr-1988	JS07	ZN	LT	52.500	UGG
328.0	21-apr-1988	JS07	ZN	LT	52.500	UGG
328.0	21-apr-1988	KF02	NIT	LT	527.000	UGG
328.0	21-apr-1988	KF02	NIT	LT	527.000	UGG
32.6	21-apr-1988	LM13	111TCE	ND	0.050	UGG
328.0	21-apr-1988	LM13	111TCE	ND	0.050	UGG
32.6	21-apr-1988	LM13	112TCE	ND	0.050	UGG

Site: BORE N-112-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
328.0	21-apr-1988	LM13	112TCE	ND	0.050	UGG
32.6	21-apr-1988	LM13	11DCE	ND	0.050	UGG
328.0	21-apr-1988	LM13	11DCE	ND	0.050	UGG
32.6	21-apr-1988	LM13	11DCLE	ND	0.050	UGG
328.0	21-apr-1988	LM13	11DCLE	ND	0.050	UGG
32.6	21-apr-1988	LM13	12DCLB	ND	0.300	UGG
328.0	21-apr-1988	LM13	12DCLB	ND	0.300	UGG
32.6	21-apr-1988	LM13	12DCLE	ND	0.050	UGG
328.0	21-apr-1988	LM13	12DCLE	ND	0.050	UGG
32.6	21-apr-1988	LM13	12DCLP	ND	0.050	UGG
328.0	21-apr-1988	LM13	12DCLP	ND	0.050	UGG
32.6	21-apr-1988	LM13	13DCLB	ND	0.300	UGG
328.0	21-apr-1988	LM13	13DCLB	ND	0.300	UGG
32.6	21-apr-1988	LM13	14DCLB	ND	0.300	UGG
328.0	21-apr-1988	LM13	14DCLB	ND	0.300	UGG
32.6	21-apr-1988	LM13	2CLEVE	ND	0.600	UGG
328.0	21-apr-1988	LM13	2CLEVE	ND	0.600	UGG
32.6	21-apr-1988	LM13	BRDCLM	ND	0.050	UGG
328.0	21-apr-1988	LM13	BRDCLM	ND	0.050	UGG
32.6	21-apr-1988	LM13	C13DCP	ND	0.600	UGG
328.0	21-apr-1988	LM13	C13DCP	ND	0.600	UGG
32.6	21-apr-1988	LM13	C2H3CL	ND	0.100	UGG
328.0	21-apr-1988	LM13	C2H3CL	ND	0.100	UGG
32.6	21-apr-1988	LM13	C2H5CL	ND	0.100	UGG
328.0	21-apr-1988	LM13	C2H5CL	ND	0.100	UGG
32.6	21-apr-1988	LM13	C6H6	ND	0.600	UGG
328.0	21-apr-1988	LM13	C6H6	ND	0.600	UGG
32.6	21-apr-1988	LM13	CCL4	ND	0.050	UGG
328.0	21-apr-1988	LM13	CCL4	ND	0.050	UGG
32.6	21-apr-1988	LM13	CH2CL2	ND	0.050	UGG
328.0	21-apr-1988	LM13	CH2CL2	ND	0.050	UGG
32.6	21-apr-1988	LM13	CH3BR	ND	0.100	UGG
328.0	21-apr-1988	LM13	CH3BR	ND	0.100	UGG
32.6	21-apr-1988	LM13	CH3CL	ND	0.100	UGG
328.0	21-apr-1988	LM13	CH3CL	ND	0.100	UGG
32.6	21-apr-1988	LM13	CHBR3	ND	0.100	UGG
328.0	21-apr-1988	LM13	CHBR3	ND	0.100	UGG
32.6	21-apr-1988	LM13	CHCL3	ND	0.050	UGG
328.0	21-apr-1988	LM13	CHCL3	ND	0.050	UGG
32.6	21-apr-1988	LM13	CLC6H5	ND	0.630	UGG
328.0	21-apr-1988	LM13	CLC6H5	ND	0.630	UGG
32.6	21-apr-1988	LM13	DBRCLM	ND	0.050	UGG
328.0	21-apr-1988	LM13	DBRCLM	ND	0.050	UGG
32.6	21-apr-1988	LM13	ETC6H5	ND	0.050	UGG
328.0	21-apr-1988	LM13	ETC6H5	ND	0.050	UGG
32.6	21-apr-1988	LM13	MEC6H5	ND	0.050	UGG
328.0	21-apr-1988	LM13	MEC6H5	ND	0.050	UGG
32.6	21-apr-1988	LM13	T12DCE	ND	0.630	UGG

Site: BORE N-112-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
328.0	21-apr-1988	LM13	T12DCE	ND	0.630	UGG
32.6	21-apr-1988	LM13	T13DCP	ND	0.050	UGG
328.0	21-apr-1988	LM13	T13DCP	ND	0.050	UGG
32.6	21-apr-1988	LM13	TCLEA	ND	0.050	UGG
328.0	21-apr-1988	LM13	TCLEA	ND	0.050	UGG
32.6	21-apr-1988	LM13	TCLEE	ND	0.050	UGG
328.0	21-apr-1988	LM13	TCLEE	ND	0.050	UGG
32.6	21-apr-1988	LM13	TRCLE	LT	0.145	UGG
328.0	21-apr-1988	LM13	TRCLE	LT	0.145	UGG
32.6	21-apr-1988	LM14	124TCB	ND	0.300	UGG
328.0	21-apr-1988	LM14	124TCB	ND	0.300	UGG
32.6	21-apr-1988	LM14	12DPH	ND	0.300	UGG
328.0	21-apr-1988	LM14	12DPH	ND	0.300	UGG
32.6	21-apr-1988	LM14	246TCP	ND	0.300	UGG
328.0	21-apr-1988	LM14	246TCP	ND	0.300	UGG
32.6	21-apr-1988	LM14	24DCLP	ND	0.300	UGG
328.0	21-apr-1988	LM14	24DCLP	ND	0.300	UGG
32.6	21-apr-1988	LM14	24DMPN	ND	0.300	UGG
328.0	21-apr-1988	LM14	24DMPN	ND	0.300	UGG
32.6	21-apr-1988	LM14	24DNP	ND	2.000	UGG
328.0	21-apr-1988	LM14	24DNP	ND	2.000	UGG
32.6	21-apr-1988	LM14	24DNT	ND	0.300	UGG
328.0	21-apr-1988	LM14	24DNT	ND	0.300	UGG
32.6	21-apr-1988	LM14	26DNT	ND	0.300	UGG
328.0	21-apr-1988	LM14	26DNT	ND	0.300	UGG
32.6	21-apr-1988	LM14	2CLP	ND	0.300	UGG
328.0	21-apr-1988	LM14	2CLP	ND	0.300	UGG
32.6	21-apr-1988	LM14	2CNAP	ND	0.300	UGG
328.0	21-apr-1988	LM14	2CNAP	ND	0.300	UGG
32.6	21-apr-1988	LM14	2NP	ND	0.300	UGG
328.0	21-apr-1988	LM14	2NP	ND	0.300	UGG
32.6	21-apr-1988	LM14	33DCBD	ND	0.700	UGG
328.0	21-apr-1988	LM14	33DCBD	ND	0.700	UGG
32.6	21-apr-1988	LM14	46DN2C	ND	2.000	UGG
328.0	21-apr-1988	LM14	46DN2C	ND	2.000	UGG
32.6	21-apr-1988	LM14	4BRPPE	ND	0.300	UGG
328.0	21-apr-1988	LM14	4BRPPE	ND	0.300	UGG
32.6	21-apr-1988	LM14	4CL3C	ND	0.300	UGG
328.0	21-apr-1988	LM14	4CL3C	ND	0.300	UGG
32.6	21-apr-1988	LM14	4CLPPE	ND	0.300	UGG
328.0	21-apr-1988	LM14	4CLPPE	ND	0.300	UGG
32.6	21-apr-1988	LM14	4NP	ND	2.000	UGG
328.0	21-apr-1988	LM14	4NP	ND	2.000	UGG
32.6	21-apr-1988	LM14	ABHC	ND	0.500	UGG
328.0	21-apr-1988	LM14	ABHC	ND	0.500	UGG
32.6	21-apr-1988	LM14	AENSLF	ND	0.500	UGG
328.0	21-apr-1988	LM14	AENSLF	ND	0.500	UGG

Site: BORE N-112-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
32.6	21-apr-1988	LM14	ALDRN	ND	0.500	UGG
328.0	21-apr-1988	LM14	ALDRN	ND	0.500	UGG
32.6	21-apr-1988	LM14	ANAPNE	ND	0.300	UGG
328.0	21-apr-1988	LM14	ANAPNE	ND	0.300	UGG
32.6	21-apr-1988	LM14	ANAPYL	ND	0.300	UGG
328.0	21-apr-1988	LM14	ANAPYL	ND	0.300	UGG
32.6	21-apr-1988	LM14	ANTRC	ND	0.300	UGG
328.0	21-apr-1988	LM14	ANTRC	ND	0.300	UGG
32.6	21-apr-1988	LM14	B2CEXM	ND	0.300	UGG
328.0	21-apr-1988	LM14	B2CEXM	ND	0.300	UGG
32.6	21-apr-1988	LM14	B2CIPE	ND	0.300	UGG
328.0	21-apr-1988	LM14	B2CIPE	ND	0.300	UGG
32.6	21-apr-1988	LM14	B2CLEE	ND	0.300	UGG
328.0	21-apr-1988	LM14	B2CLEE	ND	0.300	UGG
32.6	21-apr-1988	LM14	B2EHP		4.450	UGG
328.0	21-apr-1988	LM14	B2EHP		0.785	UGG
32.6	21-apr-1988	LM14	BAANTR	ND	0.300	UGG
328.0	21-apr-1988	LM14	BAANTR	ND	0.300	UGG
32.6	21-apr-1988	LM14	BAPYR	ND	0.300	UGG
328.0	21-apr-1988	LM14	BAPYR	ND	0.300	UGG
32.6	21-apr-1988	LM14	BBFANT	ND	0.300	UGG
328.0	21-apr-1988	LM14	BBFANT	ND	0.300	UGG
32.6	21-apr-1988	LM14	BBHC	ND	0.500	UGG
328.0	21-apr-1988	LM14	BBHC	ND	0.500	UGG
32.6	21-apr-1988	LM14	BBZP	ND	0.300	UGG
328.0	21-apr-1988	LM14	BBZP	ND	0.300	UGG
32.6	21-apr-1988	LM14	BENSLF	ND	1.000	UGG
328.0	21-apr-1988	LM14	BENSLF	ND	1.000	UGG
32.6	21-apr-1988	LM14	BENZID	ND	1.650	UGG
328.0	21-apr-1988	LM14	BENZID	ND	1.650	UGG
32.6	21-apr-1988	LM14	BGHIPY	ND	0.300	UGG
328.0	21-apr-1988	LM14	BGHIPY	ND	0.300	UGG
32.6	21-apr-1988	LM14	BKFANT	ND	0.300	UGG
328.0	21-apr-1988	LM14	BKFANT	ND	0.300	UGG
32.6	21-apr-1988	LM14	C2H5CL	ND	0.100	UGG
328.0	21-apr-1988	LM14	C2H5CL	ND	0.100	UGG
32.6	21-apr-1988	LM14	CHRY	ND	0.300	UGG
328.0	21-apr-1988	LM14	CHRY	ND	0.300	UGG
32.6	21-apr-1988	LM14	CL6BZ	ND	0.300	UGG
328.0	21-apr-1988	LM14	CL6BZ	ND	0.300	UGG
32.6	21-apr-1988	LM14	CL6CP	ND	0.300	UGG
328.0	21-apr-1988	LM14	CL6CP	ND	0.300	UGG
32.6	21-apr-1988	LM14	CL6ET	ND	0.300	UGG
328.0	21-apr-1988	LM14	CL6ET	ND	0.300	UGG
32.6	21-apr-1988	LM14	CLDAN	ND	5.000	UGG
328.0	21-apr-1988	LM14	CLDAN	ND	5.000	UGG
32.6	21-apr-1988	LM14	DBAHA	ND	0.300	UGG
328.0	21-apr-1988	LM14	DBAHA	ND	0.300	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-112-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
32.6	21-apr-1988	LM14	DBHC	ND	0.500	UGG
328.0	21-apr-1988	LM14	DBHC	ND	0.500	UGG
32.6	21-apr-1988	LM14	DEP	ND	0.300	UGG
328.0	21-apr-1988	LM14	DEP	ND	0.300	UGG
32.6	21-apr-1988	LM14	DLDRN	ND	1.000	UGG
328.0	21-apr-1988	LM14	DLDRN	ND	1.000	UGG
32.6	21-apr-1988	LM14	DMP	ND	0.300	UGG
328.0	21-apr-1988	LM14	DMP	ND	0.300	UGG
32.6	21-apr-1988	LM14	DNBP	ND	0.300	UGG
328.0	21-apr-1988	LM14	DNBP	ND	0.300	UGG
32.6	21-apr-1988	LM14	DNOP	ND	0.300	UGG
328.0	21-apr-1988	LM14	DNOP	ND	0.300	UGG
32.6	21-apr-1988	LM14	ENDRN	ND	1.000	UGG
328.0	21-apr-1988	LM14	ENDRN	ND	1.000	UGG
32.6	21-apr-1988	LM14	ENDRNA	ND	0.660	UGG
328.0	21-apr-1988	LM14	ENDRNA	ND	0.660	UGG
32.6	21-apr-1988	LM14	ESFSO4	ND	1.000	UGG
328.0	21-apr-1988	LM14	ESFSO4	ND	1.000	UGG
32.6	21-apr-1988	LM14	FANT	ND	0.300	UGG
328.0	21-apr-1988	LM14	FANT	ND	0.300	UGG
32.6	21-apr-1988	LM14	FLRENE	ND	0.300	UGG
328.0	21-apr-1988	LM14	FLRENE	ND	0.300	UGG
32.6	21-apr-1988	LM14	HCBD	ND	0.300	UGG
328.0	21-apr-1988	LM14	HCBD	ND	0.300	UGG
32.6	21-apr-1988	LM14	HPCL	ND	0.500	UGG
328.0	21-apr-1988	LM14	HPCL	ND	0.500	UGG
32.6	21-apr-1988	LM14	HPCLE	ND	0.500	UGG
328.0	21-apr-1988	LM14	HPCLE	ND	0.500	UGG
32.6	21-apr-1988	LM14	ICDPYR	ND	0.300	UGG
328.0	21-apr-1988	LM14	ICDPYR	ND	0.300	UGG
32.6	21-apr-1988	LM14	ISOPHR	ND	0.300	UGG
328.0	21-apr-1988	LM14	ISOPHR	ND	0.300	UGG
32.6	21-apr-1988	LM14	LIN	LT	0.066	UGG
328.0	21-apr-1988	LM14	LIN	LT	0.066	UGG
32.6	21-apr-1988	LM14	NAP	ND	0.300	UGG
328.0	21-apr-1988	LM14	NAP	ND	0.300	UGG
32.6	21-apr-1988	LM14	NB	ND	0.300	UGG
328.0	21-apr-1988	LM14	NB	ND	0.300	UGG
32.6	21-apr-1988	LM14	NNDPA	ND	0.300	UGG
328.0	21-apr-1988	LM14	NNDPA	ND	0.300	UGG
32.6	21-apr-1988	LM14	PCB016	ND	5.000	UGG
328.0	21-apr-1988	LM14	PCB016	ND	5.000	UGG
32.6	21-apr-1988	LM14	PCB221	ND	5.000	UGG
328.0	21-apr-1988	LM14	PCB221	ND	5.000	UGG
32.6	21-apr-1988	LM14	PCB232	ND	5.000	UGG
328.0	21-apr-1988	LM14	PCB232	ND	5.000	UGG
32.6	21-apr-1988	LM14	PCB242	ND	5.000	UGG
328.0	21-apr-1988	LM14	PCB242	ND	5.000	UGG

Site: BORE N-112-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
32.6	21-apr-1988	LM14	PCB248	ND	5.000	UGG
328.0	21-apr-1988	LM14	PCB248	ND	5.000	UGG
32.6	21-apr-1988	LM14	PCB254	ND	10.000	UGG
328.0	21-apr-1988	LM14	PCB254	ND	10.000	UGG
32.6	21-apr-1988	LM14	PCB260	ND	10.000	UGG
328.0	21-apr-1988	LM14	PCB260	ND	10.000	UGG
32.6	21-apr-1988	LM14	PCP	ND	2.000	UGG
328.0	21-apr-1988	LM14	PCP	ND	2.000	UGG
32.6	21-apr-1988	LM14	PHANTR	ND	0.300	UGG
328.0	21-apr-1988	LM14	PHANTR	ND	0.300	UGG
32.6	21-apr-1988	LM14	PHENOL	ND	0.300	UGG
328.0	21-apr-1988	LM14	PHENOL	ND	0.300	UGG
32.6	21-apr-1988	LM14	PPDDD	ND	1.000	UGG
328.0	21-apr-1988	LM14	PPDDD	ND	1.000	UGG
32.6	21-apr-1988	LM14	PPDDE	LT	0.094	UGG
328.0	21-apr-1988	LM14	PPDDE	LT	0.094	UGG
32.6	21-apr-1988	LM14	PPDDT	LT	0.506	UGG
328.0	21-apr-1988	LM14	PPDDT	LT	0.506	UGG
32.6	21-apr-1988	LM14	PYR	ND	0.300	UGG
328.0	21-apr-1988	LM14	PYR	ND	0.300	UGG
32.6	21-apr-1988	LM14	TXPHEN	ND	7.000	UGG
328.0	21-apr-1988	LM14	TXPHEN	ND	7.000	UGG
32.6	21-apr-1988	LM14	UNK594		0.900	UGG
32.6	21-apr-1988	LM14	UNK595		1.000	UGG
328.0	21-apr-1988	LM14	UNK603		0.400	UGG
328.0	21-apr-1988	LM14	UNK623		0.800	UGG
32.6	21-apr-1988	LW02	135TNB	LT	2.000	UGG
328.0	21-apr-1988	LW02	135TNB	LT	2.800	UGG
32.6	21-apr-1988	LW02	13DNB	LT	0.640	UGG
328.0	21-apr-1988	LW02	13DNB	LT	0.880	UGG
32.6	21-apr-1988	LW02	246TNT	LT	2.100	UGG
328.0	21-apr-1988	LW02	246TNT	LT	2.900	UGG
32.6	21-apr-1988	LW02	24DNT	LT	0.460	UGG
328.0	21-apr-1988	LW02	24DNT	LT	0.630	UGG
32.6	21-apr-1988	LW02	26DNT	LT	0.440	UGG
328.0	21-apr-1988	LW02	26DNT	LT	0.600	UGG
32.6	21-apr-1988	LW02	HMX	LT	1.400	UGG
328.0	21-apr-1988	LW02	HMX	LT	1.900	UGG
32.6	21-apr-1988	LW02	NB	LT	0.470	UGG
328.0	21-apr-1988	LW02	NB	LT	0.640	UGG
32.6	21-apr-1988	LW02	RDX	LT	0.990	UGG
328.0	21-apr-1988	LW02	RDX	LT	1.400	UGG
32.6	21-apr-1988	LW02	TETRYL	LT	0.300	UGG
328.0	21-apr-1988	LW02	TETRYL	LT	0.410	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-113-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
39.0	02-may-1988	99	124TCB	ND	0.300	UGG
49.0	02-may-1988	99	124TCB	ND	0.300	UGG
39.0	02-may-1988	99	12DPH	ND	0.300	UGG
49.0	02-may-1988	99	12DPH	ND	0.300	UGG
39.0	02-may-1988	99	246TCP	ND	0.300	UGG
49.0	02-may-1988	99	246TCP	ND	0.300	UGG
39.0	02-may-1988	99	24DCLP	ND	0.300	UGG
49.0	02-may-1988	99	24DCLP	ND	0.300	UGG
39.0	02-may-1988	99	24DMPN	ND	0.300	UGG
49.0	02-may-1988	99	24DMPN	ND	0.300	UGG
39.0	02-may-1988	99	24DNP	ND	2.000	UGG
49.0	02-may-1988	99	24DNP	ND	2.000	UGG
39.0	02-may-1988	99	24DNT	ND	0.300	UGG
49.0	02-may-1988	99	24DNT	ND	0.300	UGG
39.0	02-may-1988	99	26DNT	ND	0.300	UGG
49.0	02-may-1988	99	26DNT	ND	0.300	UGG
39.0	02-may-1988	99	2CLP	ND	0.300	UGG
49.0	02-may-1988	99	2CLP	ND	0.300	UGG
39.0	02-may-1988	99	2CNAP	ND	0.300	UGG
49.0	02-may-1988	99	2CNAP	ND	0.300	UGG
39.0	02-may-1988	99	2NP	ND	0.300	UGG
49.0	02-may-1988	99	2NP	ND	0.300	UGG
39.0	02-may-1988	99	33DCBD	ND	0.700	UGG
49.0	02-may-1988	99	33DCBD	ND	0.700	UGG
39.0	02-may-1988	99	46DN2C	ND	2.000	UGG
49.0	02-may-1988	99	46DN2C	ND	2.000	UGG
39.0	02-may-1988	99	4BRPPE	ND	0.300	UGG
49.0	02-may-1988	99	4BRPPE	ND	0.300	UGG
39.0	02-may-1988	99	4CL3C	ND	0.300	UGG
49.0	02-may-1988	99	4CL3C	ND	0.300	UGG
39.0	02-may-1988	99	4CLPPE	ND	0.300	UGG
49.0	02-may-1988	99	4CLPPE	ND	0.300	UGG
39.0	02-may-1988	99	4NP	ND	2.000	UGG
49.0	02-may-1988	99	4NP	ND	2.000	UGG
39.0	02-may-1988	99	ABHC	ND	0.500	UGG
49.0	02-may-1988	99	ABHC	ND	0.500	UGG
39.0	02-may-1988	99	AENSLF	ND	0.500	UGG
49.0	02-may-1988	99	AENSLF	ND	0.500	UGG
39.0	02-may-1988	99	AG	LT	0.763	UGG
49.0	02-may-1988	99	AG	LT	0.763	UGG
39.0	02-may-1988	99	ALDRN	ND	0.500	UGG
49.0	02-may-1988	99	ALDRN	ND	0.500	UGG
39.0	02-may-1988	99	ANAPNE	ND	0.300	UGG
49.0	02-may-1988	99	ANAPNE	ND	0.300	UGG
39.0	02-may-1988	99	ANAPYL	ND	0.300	UGG
49.0	02-may-1988	99	ANAPYL	ND	0.300	UGG
39.0	02-may-1988	99	ANTRC	ND	0.300	UGG
49.0	02-may-1988	99	ANTRC	ND	0.300	UGG

Site: BORE N-113-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
39.0	02-may-1988	99	AS	LT	6.710	UGG
49.0	02-may-1988	99	AS	LT	6.710	UGG
39.0	02-may-1988	99	B2CEXM	ND	0.300	UGG
49.0	02-may-1988	99	B2CEXM	ND	0.300	UGG
39.0	02-may-1988	99	B2CIPE	ND	0.300	UGG
49.0	02-may-1988	99	B2CIPE	ND	0.300	UGG
39.0	02-may-1988	99	B2CLEE	ND	0.300	UGG
49.0	02-may-1988	99	B2CLEE	ND	0.300	UGG
39.0	02-may-1988	99	B2EHP	ND	0.300	UGG
49.0	02-may-1988	99	B2EHP	ND	0.300	UGG
39.0	02-may-1988	99	BAANTR	ND	0.300	UGG
49.0	02-may-1988	99	BAANTR	ND	0.300	UGG
39.0	02-may-1988	99	BAPYR	ND	0.300	UGG
49.0	02-may-1988	99	BAPYR	ND	0.300	UGG
39.0	02-may-1988	99	BBFANT	ND	0.300	UGG
49.0	02-may-1988	99	BBFANT	ND	0.300	UGG
39.0	02-may-1988	99	BBHC	ND	0.500	UGG
49.0	02-may-1988	99	BBHC	ND	0.500	UGG
39.0	02-may-1988	99	BBZP	ND	0.300	UGG
49.0	02-may-1988	99	BBZP	ND	0.300	UGG
39.0	02-may-1988	99	BE	LT	0.389	UGG
49.0	02-may-1988	99	BE	LT	0.389	UGG
39.0	02-may-1988	99	BENSLF	ND	1.000	UGG
49.0	02-may-1988	99	BENSLF	ND	1.000	UGG
39.0	02-may-1988	99	BENZID	ND	1.650	UGG
49.0	02-may-1988	99	BENZID	ND	1.650	UGG
39.0	02-may-1988	99	BGHIPY	ND	0.300	UGG
49.0	02-may-1988	99	BGHIPY	ND	0.300	UGG
39.0	02-may-1988	99	BKFANT	ND	0.300	UGG
49.0	02-may-1988	99	BKFANT	ND	0.300	UGG
3.9	02-may-1988	99	BR	LT	25000.000	UGG
4.9	02-may-1988	99	BR	LT	25000.000	UGG
39.0	02-may-1988	99	BR	LT	125000.000	UGG
49.0	02-may-1988	99	BR	LT	125000.000	UGG
39.0	02-may-1988	99	C2H5CL	ND	0.100	UGG
49.0	02-may-1988	99	C2H5CL	ND	0.100	UGG
39.0	02-may-1988	99	CD	LT	0.825	UGG
49.0	02-may-1988	99	CD	LT	0.825	UGG
39.0	02-may-1988	99	CHRY	ND	0.300	UGG
49.0	02-may-1988	99	CHRY	ND	0.300	UGG
3.9	02-may-1988	99	CL	LT	25000.000	UGG
4.9	02-may-1988	99	CL	LT	25000.000	UGG
39.0	02-may-1988	99	CL6BZ	ND	0.300	UGG
49.0	02-may-1988	99	CL6BZ	ND	0.300	UGG
39.0	02-may-1988	99	CL6CP	ND	0.300	UGG
49.0	02-may-1988	99	CL6CP	ND	0.300	UGG
39.0	02-may-1988	99	CL6ET	ND	0.300	UGG
49.0	02-may-1988	99	CL6ET	ND	0.300	UGG

Site: BORE N-113-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
39.0	02-may-1988	99	CLDAN	ND	5.000	UGG
49.0	02-may-1988	99	CLDAN	ND	5.000	UGG
39.0	02-may-1988	99	CR	LT	2.940	UGG
49.0	02-may-1988	99	CR		12.400	UGG
39.0	02-may-1988	99	CU	LT	4.500	UGG
49.0	02-may-1988	99	CU		5.040	UGG
39.0	02-may-1988	99	DBAHA	ND	0.300	UGG
49.0	02-may-1988	99	DBAHA	ND	0.300	UGG
39.0	02-may-1988	99	DBHC	ND	0.500	UGG
49.0	02-may-1988	99	DBHC	ND	0.500	UGG
39.0	02-may-1988	99	DEP	ND	0.300	UGG
49.0	02-may-1988	99	DEP	ND	0.300	UGG
39.0	02-may-1988	99	DLDRN	ND	1.000	UGG
49.0	02-may-1988	99	DLDRN	ND	1.000	UGG
39.0	02-may-1988	99	DMP	ND	0.300	UGG
49.0	02-may-1988	99	DMP	ND	0.300	UGG
39.0	02-may-1988	99	DNBP	ND	0.300	UGG
49.0	02-may-1988	99	DNBP	ND	0.300	UGG
39.0	02-may-1988	99	DNOP	ND	0.300	UGG
49.0	02-may-1988	99	DNOP	ND	0.300	UGG
39.0	02-may-1988	99	ENDRN	ND	1.000	UGG
49.0	02-may-1988	99	ENDRN	ND	1.000	UGG
39.0	02-may-1988	99	ENDRNA	ND	0.660	UGG
49.0	02-may-1988	99	ENDRNA	ND	0.660	UGG
39.0	02-may-1988	99	ESFSO4	ND	1.000	UGG
49.0	02-may-1988	99	ESFSO4	ND	1.000	UGG
39.0	02-may-1988	99	F		17.000	UGG
39.0	02-may-1988	99	F		17.000	UGG
49.0	02-may-1988	99	F		12.200	UGG
39.0	02-may-1988	99	FANT	ND	0.300	UGG
49.0	02-may-1988	99	FANT	ND	0.300	UGG
39.0	02-may-1988	99	FLRENE	ND	0.300	UGG
49.0	02-may-1988	99	FLRENE	ND	0.300	UGG
39.0	02-may-1988	99	HCBD	ND	0.300	UGG
49.0	02-may-1988	99	HCBD	ND	0.300	UGG
39.0	02-may-1988	99	HG	LT	0.100	UGG
49.0	02-may-1988	99	HG	LT	0.100	UGG
39.0	02-may-1988	99	HPCL	ND	0.500	UGG
49.0	02-may-1988	99	HPCL	ND	0.500	UGG
39.0	02-may-1988	99	HPCLE	ND	0.500	UGG
49.0	02-may-1988	99	HPCLE	ND	0.500	UGG
39.0	02-may-1988	99	ICDPYR	ND	0.300	UGG
49.0	02-may-1988	99	ICDPYR	ND	0.300	UGG
39.0	02-may-1988	99	ISOPHR	ND	0.300	UGG
49.0	02-may-1988	99	ISOPHR	ND	0.300	UGG
39.0	02-may-1988	99	LIN	LT	0.066	UGG
49.0	02-may-1988	99	LIN	LT	0.066	UGG
39.0	02-may-1988	99	NA		209.000	UGG

Site: BORE N-113-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
49.0	02-may-1988	99	NA		270.000	UGG
39.0	02-may-1988	99	NAP	ND	0.300	UGG
49.0	02-may-1988	99	NAP	ND	0.300	UGG
39.0	02-may-1988	99	NB	ND	0.300	UGG
49.0	02-may-1988	99	NB	ND	0.300	UGG
39.0	02-may-1988	99	NIT	LT	125000.000	UGG
49.0	02-may-1988	99	NIT	LT	125000.000	UGG
39.0	02-may-1988	99	NNDPA	ND	0.300	UGG
49.0	02-may-1988	99	NNDPA	ND	0.300	UGG
39.0	02-may-1988	99	PB	LT	5.630	UGG
49.0	02-may-1988	99	PB		7.460	UGG
39.0	02-may-1988	99	PCB016	ND	5.000	UGG
49.0	02-may-1988	99	PCB016	ND	5.000	UGG
39.0	02-may-1988	99	PCB221	ND	5.000	UGG
49.0	02-may-1988	99	PCB221	ND	5.000	UGG
39.0	02-may-1988	99	PCB232	ND	5.000	UGG
49.0	02-may-1988	99	PCB232	ND	5.000	UGG
39.0	02-may-1988	99	PCB242	ND	5.000	UGG
49.0	02-may-1988	99	PCB242	ND	5.000	UGG
39.0	02-may-1988	99	PCB248	ND	5.000	UGG
49.0	02-may-1988	99	PCB248	ND	5.000	UGG
39.0	02-may-1988	99	PCB254	ND	10.000	UGG
49.0	02-may-1988	99	PCB254	ND	10.000	UGG
39.0	02-may-1988	99	PCB260	ND	10.000	UGG
49.0	02-may-1988	99	PCB260	ND	10.000	UGG
39.0	02-may-1988	99	PCP	ND	2.000	UGG
49.0	02-may-1988	99	PCP	ND	2.000	UGG
39.0	02-may-1988	99	PHANTR	ND	0.300	UGG
49.0	02-may-1988	99	PHANTR	ND	0.300	UGG
39.0	02-may-1988	99	PHENOL	ND	0.300	UGG
49.0	02-may-1988	99	PHENOL	ND	0.300	UGG
39.0	02-may-1988	99	PPDDD	ND	1.000	UGG
49.0	02-may-1988	99	PPDDD	ND	1.000	UGG
39.0	02-may-1988	99	PPDDE	LT	0.094	UGG
49.0	02-may-1988	99	PPDDE	LT	0.094	UGG
39.0	02-may-1988	99	PPDDT	LT	0.506	UGG
49.0	02-may-1988	99	PPDDT	LT	0.506	UGG
39.0	02-may-1988	99	PYR	ND	0.300	UGG
49.0	02-may-1988	99	PYR	ND	0.300	UGG
39.0	02-may-1988	99	SB	LT	29.800	UGG
49.0	02-may-1988	99	SB	LT	29.800	UGG
39.0	02-may-1988	99	SE	LT	2.470	UGG
49.0	02-may-1988	99	SE		5.630	UGG
39.0	02-may-1988	99	SO4	LT	12500.000	UGG
49.0	02-may-1988	99	SO4	LT	12500.000	UGG
39.0	02-may-1988	99	TL	LT	9.340	UGG
49.0	02-may-1988	99	TL	LT	9.340	UGG
39.0	02-may-1988	99	TXPHEN	ND	7.000	UGG

Site: BORE N-113-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
49.0	02-may-1988	99	TXPHEN	ND	7.000	UGG
49.0	02-may-1988	99	UNK595		1.000	UGG
39.0	02-may-1988	JS07	NI		6.910	UGG
49.0	02-may-1988	JS07	NI		9.520	UGG
39.0	02-may-1988	JS07	ZN	LT	52.500	UGG
49.0	02-may-1988	JS07	ZN	LT	52.500	UGG
39.0	02-may-1988	KF02	NIT	LT	527.000	UGG
39.0	02-may-1988	KF02	NIT	LT	527.000	UGG
49.0	02-may-1988	KF02	NIT	LT	527.000	UGG
39.0	02-may-1988	LM13	111TCE	ND	0.050	UGG
49.0	02-may-1988	LM13	111TCE	ND	0.050	UGG
39.0	02-may-1988	LM13	112TCE	ND	0.050	UGG
49.0	02-may-1988	LM13	112TCE	ND	0.050	UGG
39.0	02-may-1988	LM13	12DCLB	ND	0.300	UGG
49.0	02-may-1988	LM13	12DCLB	ND	0.300	UGG
39.0	02-may-1988	LM13	12DCLE	ND	0.050	UGG
49.0	02-may-1988	LM13	12DCLE	ND	0.050	UGG
39.0	02-may-1988	LM13	12DCLP	ND	0.050	UGG
49.0	02-may-1988	LM13	12DCLP	ND	0.050	UGG
39.0	02-may-1988	LM13	13DCLB	ND	0.300	UGG
49.0	02-may-1988	LM13	13DCLB	ND	0.300	UGG
39.0	02-may-1988	LM13	14DCLB	ND	0.300	UGG
49.0	02-may-1988	LM13	14DCLB	ND	0.300	UGG
39.0	02-may-1988	LM13	2CLEVE	ND	0.600	UGG
49.0	02-may-1988	LM13	2CLEVE	ND	0.600	UGG
39.0	02-may-1988	LM13	BRDCLM	ND	0.050	UGG
49.0	02-may-1988	LM13	BRDCLM	ND	0.050	UGG
39.0	02-may-1988	LM13	C13DCP	ND	0.600	UGG
49.0	02-may-1988	LM13	C13DCP	ND	0.600	UGG
39.0	02-may-1988	LM13	C2H3CL	ND	0.100	UGG
49.0	02-may-1988	LM13	C2H3CL	ND	0.100	UGG
39.0	02-may-1988	LM13	C2H5CL	ND	0.100	UGG
49.0	02-may-1988	LM13	C2H5CL	ND	0.100	UGG
39.0	02-may-1988	LM13	C6H6	ND	0.600	UGG
49.0	02-may-1988	LM13	C6H6	ND	0.600	UGG
39.0	02-may-1988	LM13	CCL4	ND	0.050	UGG
49.0	02-may-1988	LM13	CCL4	ND	0.050	UGG
39.0	02-may-1988	LM13	CH2CL2	ND	0.050	UGG
49.0	02-may-1988	LM13	CH2CL2	ND	0.050	UGG
39.0	02-may-1988	LM13	CH3BR	ND	0.100	UGG
49.0	02-may-1988	LM13	CH3BR	ND	0.100	UGG
39.0	02-may-1988	LM13	CH3CL	ND	0.100	UGG
49.0	02-may-1988	LM13	CH3CL	ND	0.100	UGG
39.0	02-may-1988	LM13	CHBR3	ND	0.100	UGG
49.0	02-may-1988	LM13	CHBR3	ND	0.100	UGG

Site: BORE N-113-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
39.0	02-may-1988	LM13	CHCL3	ND	0.050	UGG
49.0	02-may-1988	LM13	CHCL3	ND	0.050	UGG
39.0	02-may-1988	LM13	CLC6H5	ND	0.630	UGG
49.0	02-may-1988	LM13	CLC6H5	ND	0.630	UGG
39.0	02-may-1988	LM13	DBRCLM	ND	0.050	UGG
49.0	02-may-1988	LM13	DBRCLM	ND	0.050	UGG
39.0	02-may-1988	LM13	ETC6H5	ND	0.050	UGG
49.0	02-may-1988	LM13	ETC6H5	ND	0.050	UGG
39.0	02-may-1988	LM13	MEC6H5	ND	0.050	UGG
49.0	02-may-1988	LM13	MEC6H5	ND	0.050	UGG
39.0	02-may-1988	LM13	T12DCE	ND	0.630	UGG
49.0	02-may-1988	LM13	T12DCE	ND	0.630	UGG
39.0	02-may-1988	LM13	T13DCP	ND	0.050	UGG
49.0	02-may-1988	LM13	T13DCP	ND	0.050	UGG
39.0	02-may-1988	LM13	TCLEA	ND	0.050	UGG
49.0	02-may-1988	LM13	TCLEA	ND	0.050	UGG
39.0	02-may-1988	LM13	TCLEE	ND	0.050	UGG
49.0	02-may-1988	LM13	TCLEE	ND	0.050	UGG
39.0	02-may-1988	LM13	TRCLE	LT	0.145	UGG
49.0	02-may-1988	LM13	TRCLE	LT	0.145	UGG
39.0	02-may-1988	LW02	135TNB	LT	2.090	UGG
49.0	02-may-1988	LW02	135TNB	LT	2.090	UGG
39.0	02-may-1988	LW02	13DNB	LT	0.590	UGG
49.0	02-may-1988	LW02	13DNB	LT	0.590	UGG
39.0	02-may-1988	LW02	246TNT	LT	1.920	UGG
49.0	02-may-1988	LW02	246TNT	LT	1.920	UGG
39.0	02-may-1988	LW02	24DNT	LT	0.420	UGG
49.0	02-may-1988	LW02	24DNT	LT	0.420	UGG
39.0	02-may-1988	LW02	26DNT	LT	0.400	UGG
49.0	02-may-1988	LW02	26DNT	LT	0.400	UGG
39.0	02-may-1988	LW02	HMX	LT	1.270	UGG
49.0	02-may-1988	LW02	HMX	LT	1.270	UGG
39.0	02-may-1988	LW02	NB	LT	0.420	UGG
49.0	02-may-1988	LW02	NB	LT	0.420	UGG
39.0	02-may-1988	LW02	RDX	LT	0.980	UGG
49.0	02-may-1988	LW02	RDX	LT	0.980	UGG
39.0	02-may-1988	LW02	TETRYL	LT	0.250	UGG
49.0	02-may-1988	LW02	TETRYL	LT	0.250	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-114-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	124TCB	ND	0.300	UGG
310.0	09-may-1988	99	124TCB	ND	0.300	UGG
328.0	09-may-1988	99	124TCB	ND	0.300	UGG
338.0	09-may-1988	99	124TCB	ND	0.300	UGG
28.0	05-may-1988	99	12DPH	ND	0.300	UGG
310.0	09-may-1988	99	12DPH	ND	0.300	UGG
328.0	09-may-1988	99	12DPH	ND	0.300	UGG
338.0	09-may-1988	99	12DPH	ND	0.300	UGG
28.0	05-may-1988	99	246TCP	ND	0.300	UGG
310.0	09-may-1988	99	246TCP	ND	0.300	UGG
328.0	09-may-1988	99	246TCP	ND	0.300	UGG
338.0	09-may-1988	99	246TCP	ND	0.300	UGG
28.0	05-may-1988	99	24DCLP	ND	0.300	UGG
310.0	09-may-1988	99	24DCLP	ND	0.300	UGG
328.0	09-may-1988	99	24DCLP	ND	0.300	UGG
338.0	09-may-1988	99	24DCLP	ND	0.300	UGG
28.0	05-may-1988	99	24DMPN	ND	0.300	UGG
310.0	09-may-1988	99	24DMPN	ND	0.300	UGG
328.0	09-may-1988	99	24DMPN	ND	0.300	UGG
338.0	09-may-1988	99	24DMPN	ND	0.300	UGG
28.0	05-may-1988	99	24DNP	ND	2.000	UGG
310.0	09-may-1988	99	24DNP	ND	2.000	UGG
328.0	09-may-1988	99	24DNP	ND	2.000	UGG
338.0	09-may-1988	99	24DNP	ND	2.000	UGG
28.0	05-may-1988	99	24DNT	ND	0.300	UGG
310.0	09-may-1988	99	24DNT	ND	0.300	UGG
328.0	09-may-1988	99	24DNT	ND	0.300	UGG
338.0	09-may-1988	99	24DNT	ND	0.300	UGG
28.0	05-may-1988	99	26DNT	ND	0.300	UGG
310.0	09-may-1988	99	26DNT	ND	0.300	UGG
328.0	09-may-1988	99	26DNT	ND	0.300	UGG
338.0	09-may-1988	99	26DNT	ND	0.300	UGG
28.0	05-may-1988	99	2CLP	ND	0.300	UGG
310.0	09-may-1988	99	2CLP	ND	0.300	UGG
328.0	09-may-1988	99	2CLP	ND	0.300	UGG
338.0	09-may-1988	99	2CLP	ND	0.300	UGG
28.0	05-may-1988	99	2CNAP	ND	0.300	UGG
310.0	09-may-1988	99	2CNAP	ND	0.300	UGG
328.0	09-may-1988	99	2CNAP	ND	0.300	UGG
338.0	09-may-1988	99	2CNAP	ND	0.300	UGG
28.0	05-may-1988	99	2NP	ND	0.300	UGG
310.0	09-may-1988	99	2NP	ND	0.300	UGG
328.0	09-may-1988	99	2NP	ND	0.300	UGG
338.0	09-may-1988	99	2NP	ND	0.300	UGG
28.0	05-may-1988	99	33DCBD	ND	0.700	UGG
310.0	09-may-1988	99	33DCBD	ND	0.700	UGG
328.0	09-may-1988	99	33DCBD	ND	0.700	UGG
338.0	09-may-1988	99	33DCBD	ND	0.700	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	46DN2C	ND	2.000	UGG
310.0	09-may-1988	99	46DN2C	ND	2.000	UGG
328.0	09-may-1988	99	46DN2C	ND	2.000	UGG
338.0	09-may-1988	99	46DN2C	ND	2.000	UGG
28.0	05-may-1988	99	4BRPPE	ND	0.300	UGG
310.0	09-may-1988	99	4BRPPE	ND	0.300	UGG
328.0	09-may-1988	99	4BRPPE	ND	0.300	UGG
338.0	09-may-1988	99	4BRPPE	ND	0.300	UGG
28.0	05-may-1988	99	4CL3C	ND	0.300	UGG
310.0	09-may-1988	99	4CL3C	ND	0.300	UGG
328.0	09-may-1988	99	4CL3C	ND	0.300	UGG
338.0	09-may-1988	99	4CL3C	ND	0.300	UGG
28.0	05-may-1988	99	4CLPPE	ND	0.300	UGG
310.0	09-may-1988	99	4CLPPE	ND	0.300	UGG
328.0	09-may-1988	99	4CLPPE	ND	0.300	UGG
338.0	09-may-1988	99	4CLPPE	ND	0.300	UGG
28.0	05-may-1988	99	4NP	ND	2.000	UGG
310.0	09-may-1988	99	4NP	ND	2.000	UGG
328.0	09-may-1988	99	4NP	ND	2.000	UGG
338.0	09-may-1988	99	4NP	ND	2.000	UGG
28.0	05-may-1988	99	ABHC	ND	0.500	UGG
310.0	09-may-1988	99	ABHC	ND	0.500	UGG
328.0	09-may-1988	99	ABHC	ND	0.500	UGG
338.0	09-may-1988	99	ABHC	ND	0.500	UGG
28.0	05-may-1988	99	AENSLF	ND	0.500	UGG
310.0	09-may-1988	99	AENSLF	ND	0.500	UGG
328.0	09-may-1988	99	AENSLF	ND	0.500	UGG
338.0	09-may-1988	99	AENSLF	ND	0.500	UGG
28.0	05-may-1988	99	AG	LT	0.767	UGG
310.0	09-may-1988	99	AG	LT	0.767	UGG
328.0	09-may-1988	99	AG	LT	0.669	UGG
338.0	09-may-1988	99	AG	LT	0.766	UGG
28.0	05-may-1988	99	ALDRN	ND	0.500	UGG
310.0	09-may-1988	99	ALDRN	ND	0.500	UGG
328.0	09-may-1988	99	ALDRN	ND	0.500	UGG
338.0	09-may-1988	99	ALDRN	ND	0.500	UGG
28.0	05-may-1988	99	ANAPNE	ND	0.300	UGG
310.0	09-may-1988	99	ANAPNE	ND	0.300	UGG
328.0	09-may-1988	99	ANAPNE	ND	0.300	UGG
338.0	09-may-1988	99	ANAPNE	ND	0.300	UGG
28.0	05-may-1988	99	ANAPYL	ND	0.300	UGG
310.0	09-may-1988	99	ANAPYL	ND	0.300	UGG
328.0	09-may-1988	99	ANAPYL	ND	0.300	UGG
338.0	09-may-1988	99	ANAPYL	ND	0.300	UGG
28.0	05-may-1988	99	ANTRC	ND	0.300	UGG
310.0	09-may-1988	99	ANTRC	ND	0.300	UGG
328.0	09-may-1988	99	ANTRC	ND	0.300	UGG
338.0	09-may-1988	99	ANTRC	ND	0.300	UGG

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	AS	LT	6.740	UGG
310.0	09-may-1988	99	AS	LT	6.740	UGG
328.0	09-may-1988	99	AS	LT	5.880	UGG
338.0	09-may-1988	99	AS	LT	6.740	UGG
28.0	05-may-1988	99	B2CEXM	ND	0.300	UGG
310.0	09-may-1988	99	B2CEXM	ND	0.300	UGG
328.0	09-may-1988	99	B2CEXM	ND	0.300	UGG
338.0	09-may-1988	99	B2CEXM	ND	0.300	UGG
28.0	05-may-1988	99	B2CIPE	ND	0.300	UGG
310.0	09-may-1988	99	B2CIPE	ND	0.300	UGG
328.0	09-may-1988	99	B2CIPE	ND	0.300	UGG
338.0	09-may-1988	99	B2CIPE	ND	0.300	UGG
28.0	05-may-1988	99	B2CLEE	ND	0.300	UGG
310.0	09-may-1988	99	B2CLEE	ND	0.300	UGG
328.0	09-may-1988	99	B2CLEE	ND	0.300	UGG
338.0	09-may-1988	99	B2CLEE	ND	0.300	UGG
28.0	05-may-1988	99	B2EHP	ND	0.300	UGG
310.0	09-may-1988	99	B2EHP	ND	0.300	UGG
328.0	09-may-1988	99	B2EHP	ND	0.300	UGG
338.0	09-may-1988	99	B2EHP	ND	0.300	UGG
28.0	05-may-1988	99	BAANTR	ND	0.300	UGG
310.0	09-may-1988	99	BAANTR	ND	0.300	UGG
328.0	09-may-1988	99	BAANTR	ND	0.300	UGG
338.0	09-may-1988	99	BAANTR	ND	0.300	UGG
28.0	05-may-1988	99	BAPYR	ND	0.300	UGG
310.0	09-may-1988	99	BAPYR	ND	0.300	UGG
328.0	09-may-1988	99	BAPYR	ND	0.300	UGG
338.0	09-may-1988	99	BAPYR	ND	0.300	UGG
28.0	05-may-1988	99	BBFANT	ND	0.300	UGG
310.0	09-may-1988	99	BBFANT	ND	0.300	UGG
328.0	09-may-1988	99	BBFANT	ND	0.300	UGG
338.0	09-may-1988	99	BBFANT	ND	0.300	UGG
28.0	05-may-1988	99	BBHC	ND	0.500	UGG
310.0	09-may-1988	99	BBHC	ND	0.500	UGG
328.0	09-may-1988	99	BBHC	ND	0.500	UGG
338.0	09-may-1988	99	BBHC	ND	0.500	UGG
28.0	05-may-1988	99	BBZP	ND	0.300	UGG
310.0	09-may-1988	99	BBZP	ND	0.300	UGG
328.0	09-may-1988	99	BBZP	ND	0.300	UGG
338.0	09-may-1988	99	BBZP	ND	0.300	UGG
28.0	05-may-1988	99	BE	LT	0.390	UGG
310.0	09-may-1988	99	BE	LT	0.390	UGG
328.0	09-may-1988	99	BE	LT	0.341	UGG
338.0	09-may-1988	99	BE	LT	0.390	UGG
28.0	05-may-1988	99	BENSLF	ND	1.000	UGG
310.0	09-may-1988	99	BENSLF	ND	1.000	UGG
328.0	09-may-1988	99	BENSLF	ND	1.000	UGG
338.0	09-may-1988	99	BENSLF	ND	1.000	UGG

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	BENZID	ND	1.650	UGG
310.0	09-may-1988	99	BENZID	ND	1.650	UGG
328.0	09-may-1988	99	BENZID	ND	1.650	UGG
338.0	09-may-1988	99	BENZID	ND	1.650	UGG
28.0	05-may-1988	99	BGHIPY	ND	0.300	UGG
310.0	09-may-1988	99	BGHIPY	ND	0.300	UGG
328.0	09-may-1988	99	BGHIPY	ND	0.300	UGG
338.0	09-may-1988	99	BGHIPY	ND	0.300	UGG
28.0	05-may-1988	99	BKFANT	ND	0.300	UGG
310.0	09-may-1988	99	BKFANT	ND	0.300	UGG
328.0	09-may-1988	99	BKFANT	ND	0.300	UGG
338.0	09-may-1988	99	BKFANT	ND	0.300	UGG
2.7	05-may-1988	99	BR	LT	25000.000	UGG
28.0	05-may-1988	99	BR	LT	125000.000	UGG
3.1	09-may-1988	99	BR	LT	25000.000	UGG
3.2	09-may-1988	99	BR	LT	25000.000	UGG
3.3	09-may-1988	99	BR	LT	25000.000	UGG
310.0	09-may-1988	99	BR	LT	125000.000	UGG
328.0	09-may-1988	99	BR	LT	125000.000	UGG
338.0	09-may-1988	99	BR	LT	125000.000	UGG
28.0	05-may-1988	99	C2H5CL	ND	0.100	UGG
310.0	09-may-1988	99	C2H5CL	ND	0.100	UGG
328.0	09-may-1988	99	C2H5CL	ND	0.100	UGG
338.0	09-may-1988	99	C2H5CL	ND	0.100	UGG
28.0	05-may-1988	99	CD	LT	0.828	UGG
310.0	09-may-1988	99	CD	LT	0.828	UGG
328.0	09-may-1988	99	CD	LT	0.722	UGG
338.0	09-may-1988	99	CD	LT	0.827	UGG
28.0	05-may-1988	99	CHRY	ND	0.300	UGG
310.0	09-may-1988	99	CHRY	ND	0.300	UGG
328.0	09-may-1988	99	CHRY	ND	0.300	UGG
338.0	09-may-1988	99	CHRY	ND	0.300	UGG
2.7	05-may-1988	99	CL	LT	25000.000	UGG
3.1	09-may-1988	99	CL	LT	25000.000	UGG
3.2	09-may-1988	99	CL	LT	25000.000	UGG
3.3	09-may-1988	99	CL	LT	25000.000	UGG
28.0	05-may-1988	99	CL6BZ	ND	0.300	UGG
310.0	09-may-1988	99	CL6BZ	ND	0.300	UGG
328.0	09-may-1988	99	CL6BZ	ND	0.300	UGG
338.0	09-may-1988	99	CL6BZ	ND	0.300	UGG
28.0	05-may-1988	99	CL6CP	ND	0.300	UGG
310.0	09-may-1988	99	CL6CP	ND	0.300	UGG
328.0	09-may-1988	99	CL6CP	ND	0.300	UGG
338.0	09-may-1988	99	CL6CP	ND	0.300	UGG
28.0	05-may-1988	99	CL6ET	ND	0.300	UGG
310.0	09-may-1988	99	CL6ET	ND	0.300	UGG
328.0	09-may-1988	99	CL6ET	ND	0.300	UGG
338.0	09-may-1988	99	CL6ET	ND	0.300	UGG

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	CLDAN	ND	5.000	UGG
310.0	09-may-1988	99	CLDAN	ND	5.000	UGG
328.0	09-may-1988	99	CLDAN	ND	5.000	UGG
338.0	09-may-1988	99	CLDAN	ND	5.000	UGG
28.0	05-may-1988	99	CR		11.900	UGG
310.0	09-may-1988	99	CR		4.510	UGG
328.0	09-may-1988	99	CR		3.600	UGG
338.0	09-may-1988	99	CR		6.120	UGG
28.0	05-may-1988	99	CU		4.860	UGG
310.0	09-may-1988	99	CU	LT	4.520	UGG
328.0	09-may-1988	99	CU	LT	3.940	UGG
338.0	09-may-1988	99	CU	LT	4.520	UGG
28.0	05-may-1988	99	DBAHA	ND	0.300	UGG
310.0	09-may-1988	99	DBAHA	ND	0.300	UGG
328.0	09-may-1988	99	DBAHA	ND	0.300	UGG
338.0	09-may-1988	99	DBAHA	ND	0.300	UGG
28.0	05-may-1988	99	DBHC	ND	0.500	UGG
310.0	09-may-1988	99	DBHC	ND	0.500	UGG
328.0	09-may-1988	99	DBHC	ND	0.500	UGG
338.0	09-may-1988	99	DBHC	ND	0.500	UGG
28.0	05-may-1988	99	DEP	ND	0.300	UGG
310.0	09-may-1988	99	DEP	ND	0.300	UGG
328.0	09-may-1988	99	DEP	ND	0.300	UGG
338.0	09-may-1988	99	DEP	ND	0.300	UGG
28.0	05-may-1988	99	DLDRN	ND	1.000	UGG
310.0	09-may-1988	99	DLDRN	ND	1.000	UGG
328.0	09-may-1988	99	DLDRN	ND	1.000	UGG
338.0	09-may-1988	99	DLDRN	ND	1.000	UGG
28.0	05-may-1988	99	DMP	ND	0.300	UGG
310.0	09-may-1988	99	DMP	ND	0.300	UGG
328.0	09-may-1988	99	DMP	ND	0.300	UGG
338.0	09-may-1988	99	DMP	ND	0.300	UGG
28.0	05-may-1988	99	DNBP	ND	0.300	UGG
310.0	09-may-1988	99	DNBP	ND	0.300	UGG
328.0	09-may-1988	99	DNBP	ND	0.300	UGG
338.0	09-may-1988	99	DNBP	ND	0.300	UGG
28.0	05-may-1988	99	DNOP	ND	0.300	UGG
310.0	09-may-1988	99	DNOP	ND	0.300	UGG
328.0	09-may-1988	99	DNOP	ND	0.300	UGG
338.0	09-may-1988	99	DNOP	ND	0.300	UGG
28.0	05-may-1988	99	ENDRN	ND	1.000	UGG
310.0	09-may-1988	99	ENDRN	ND	1.000	UGG
328.0	09-may-1988	99	ENDRN	ND	1.000	UGG
338.0	09-may-1988	99	ENDRN	ND	1.000	UGG
28.0	05-may-1988	99	ENDRNA	ND	0.660	UGG
310.0	09-may-1988	99	ENDRNA	ND	0.660	UGG
328.0	09-may-1988	99	ENDRNA	ND	0.660	UGG
338.0	09-may-1988	99	ENDRNA	ND	0.660	UGG

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	ESFSO4	ND	1.000	UGG
310.0	09-may-1988	99	ESFSO4	ND	1.000	UGG
328.0	09-may-1988	99	ESFSO4	ND	1.000	UGG
338.0	09-may-1988	99	ESFSO4	ND	1.000	UGG
28.0	05-may-1988	99	F		20.700	UGG
310.0	09-may-1988	99	F	LT	6.000	UGG
328.0	09-may-1988	99	F		6.090	UGG
338.0	09-may-1988	99	F	LT	5.000	UGG
28.0	05-may-1988	99	FANT	ND	0.300	UGG
310.0	09-may-1988	99	FANT	ND	0.300	UGG
328.0	09-may-1988	99	FANT	ND	0.300	UGG
338.0	09-may-1988	99	FANT	ND	0.300	UGG
28.0	05-may-1988	99	FLRENE	ND	0.300	UGG
310.0	09-may-1988	99	FLRENE	ND	0.300	UGG
328.0	09-may-1988	99	FLRENE	ND	0.300	UGG
338.0	09-may-1988	99	FLRENE	ND	0.300	UGG
28.0	05-may-1988	99	HCBD	ND	0.300	UGG
310.0	09-may-1988	99	HCBD	ND	0.300	UGG
328.0	09-may-1988	99	HCBD	ND	0.300	UGG
338.0	09-may-1988	99	HCBD	ND	0.300	UGG
310.0	09-may-1988	99	HG	LT	0.100	UGG
310.0	09-may-1988	99	HG		0.557	UGG
328.0	09-may-1988	99	HG	LT	0.100	UGG
338.0	09-may-1988	99	HG	LT	0.100	UGG
28.0	05-may-1988	99	HPCL	ND	0.500	UGG
310.0	09-may-1988	99	HPCL	ND	0.500	UGG
328.0	09-may-1988	99	HPCL	ND	0.500	UGG
338.0	09-may-1988	99	HPCL	ND	0.500	UGG
28.0	05-may-1988	99	HPCLE	ND	0.500	UGG
310.0	09-may-1988	99	HPCLE	ND	0.500	UGG
328.0	09-may-1988	99	HPCLE	ND	0.500	UGG
338.0	09-may-1988	99	HPCLE	ND	0.500	UGG
28.0	05-may-1988	99	ICDPYR	ND	0.300	UGG
310.0	09-may-1988	99	ICDPYR	ND	0.300	UGG
328.0	09-may-1988	99	ICDPYR	ND	0.300	UGG
338.0	09-may-1988	99	ICDPYR	ND	0.300	UGG
28.0	05-may-1988	99	ISOPHR	ND	0.300	UGG
310.0	09-may-1988	99	ISOPHR	ND	0.300	UGG
328.0	09-may-1988	99	ISOPHR	ND	0.300	UGG
338.0	09-may-1988	99	ISOPHR	ND	0.300	UGG
28.0	05-may-1988	99	LIN	LT	0.066	UGG
310.0	09-may-1988	99	LIN	LT	0.066	UGG
328.0	09-may-1988	99	LIN	LT	0.066	UGG
338.0	09-may-1988	99	LIN	LT	0.066	UGG
28.0	05-may-1988	99	NA		375.000	UGG
310.0	09-may-1988	99	NA		75.200	UGG
328.0	09-may-1988	99	NA		52.400	UGG
338.0	09-may-1988	99	NA		143.000	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	NAP	ND	0.300	UGG
310.0	09-may-1988	99	NAP	ND	0.300	UGG
328.0	09-may-1988	99	NAP	ND	0.300	UGG
338.0	09-may-1988	99	NAP	ND	0.300	UGG
28.0	05-may-1988	99	NB	ND	0.300	UGG
310.0	09-may-1988	99	NB	ND	0.300	UGG
328.0	09-may-1988	99	NB	ND	0.300	UGG
338.0	09-may-1988	99	NB	ND	0.300	UGG
28.0	05-may-1988	99	NIT	LT	125000.000	UGG
310.0	09-may-1988	99	NIT	LT	125000.000	UGG
328.0	09-may-1988	99	NIT	LT	125000.000	UGG
338.0	09-may-1988	99	NIT	LT	125000.000	UGG
28.0	05-may-1988	99	NNDPA	ND	0.300	UGG
310.0	09-may-1988	99	NNDPA	ND	0.300	UGG
328.0	09-may-1988	99	NNDPA	ND	0.300	UGG
338.0	09-may-1988	99	NNDPA	ND	0.300	UGG
28.0	05-may-1988	99	PB	LT	5.650	UGG
310.0	09-may-1988	99	PB	LT	5.650	UGG
328.0	09-may-1988	99	PB	LT	4.930	UGG
338.0	09-may-1988	99	PB	LT	5.650	UGG
28.0	05-may-1988	99	PCB016	ND	5.000	UGG
310.0	09-may-1988	99	PCB016	ND	5.000	UGG
328.0	09-may-1988	99	PCB016	ND	5.000	UGG
338.0	09-may-1988	99	PCB016	ND	5.000	UGG
28.0	05-may-1988	99	PCB221	ND	5.000	UGG
310.0	09-may-1988	99	PCB221	ND	5.000	UGG
328.0	09-may-1988	99	PCB221	ND	5.000	UGG
338.0	09-may-1988	99	PCB221	ND	5.000	UGG
28.0	05-may-1988	99	PCB232	ND	5.000	UGG
310.0	09-may-1988	99	PCB232	ND	5.000	UGG
328.0	09-may-1988	99	PCB232	ND	5.000	UGG
338.0	09-may-1988	99	PCB232	ND	5.000	UGG
28.0	05-may-1988	99	PCB242	ND	5.000	UGG
310.0	09-may-1988	99	PCB242	ND	5.000	UGG
328.0	09-may-1988	99	PCB242	ND	5.000	UGG
338.0	09-may-1988	99	PCB242	ND	5.000	UGG
28.0	05-may-1988	99	PCB248	ND	5.000	UGG
310.0	09-may-1988	99	PCB248	ND	5.000	UGG
328.0	09-may-1988	99	PCB248	ND	5.000	UGG
338.0	09-may-1988	99	PCB248	ND	5.000	UGG
28.0	05-may-1988	99	PCB254	ND	10.000	UGG
310.0	09-may-1988	99	PCB254	ND	10.000	UGG
328.0	09-may-1988	99	PCB254	ND	10.000	UGG
338.0	09-may-1988	99	PCB254	ND	10.000	UGG
28.0	05-may-1988	99	PCB260	ND	10.000	UGG
310.0	09-may-1988	99	PCB260	ND	10.000	UGG
328.0	09-may-1988	99	PCB260	ND	10.000	UGG
338.0	09-may-1988	99	PCB260	ND	10.000	UGG

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	PCP	ND	2.000	UGG
310.0	09-may-1988	99	PCP	ND	2.000	UGG
328.0	09-may-1988	99	PCP	ND	2.000	UGG
338.0	09-may-1988	99	PCP	ND	2.000	UGG
28.0	05-may-1988	99	PHANTR	ND	0.300	UGG
310.0	09-may-1988	99	PHANTR	ND	0.300	UGG
328.0	09-may-1988	99	PHANTR	ND	0.300	UGG
338.0	09-may-1988	99	PHANTR	ND	0.300	UGG
28.0	05-may-1988	99	PHENOL	ND	0.300	UGG
310.0	09-may-1988	99	PHENOL	ND	0.300	UGG
328.0	09-may-1988	99	PHENOL	ND	0.300	UGG
338.0	09-may-1988	99	PHENOL	ND	0.300	UGG
28.0	05-may-1988	99	PPDDD	ND	1.000	UGG
310.0	09-may-1988	99	PPDDD	ND	1.000	UGG
328.0	09-may-1988	99	PPDDD	ND	1.000	UGG
338.0	09-may-1988	99	PPDDD	ND	1.000	UGG
28.0	05-may-1988	99	PPDDE	LT	0.094	UGG
310.0	09-may-1988	99	PPDDE	LT	0.094	UGG
328.0	09-may-1988	99	PPDDE	LT	0.094	UGG
338.0	09-may-1988	99	PPDDE	LT	0.094	UGG
28.0	05-may-1988	99	PPDDT	LT	0.506	UGG
310.0	09-may-1988	99	PPDDT	LT	0.506	UGG
328.0	09-may-1988	99	PPDDT	LT	0.506	UGG
338.0	09-may-1988	99	PPDDT	LT	0.506	UGG
28.0	05-may-1988	99	PYR	ND	0.300	UGG
310.0	09-may-1988	99	PYR	ND	0.300	UGG
328.0	09-may-1988	99	PYR	ND	0.300	UGG
338.0	09-may-1988	99	PYR	ND	0.300	UGG
28.0	05-may-1988	99	SB	LT	29.900	UGG
310.0	09-may-1988	99	SB	LT	29.900	UGG
328.0	09-may-1988	99	SB	LT	26.100	UGG
338.0	09-may-1988	99	SB	LT	29.900	UGG
28.0	05-may-1988	99	SE	LT	2.480	UGG
310.0	09-may-1988	99	SE	LT	2.480	UGG
328.0	09-may-1988	99	SE	LT	2.170	UGG
338.0	09-may-1988	99	SE	LT	2.480	UGG
28.0	05-may-1988	99	SO4	LT	12500.000	UGG
310.0	09-may-1988	99	SO4	LT	12500.000	UGG
328.0	09-may-1988	99	SO4	LT	12500.000	UGG
338.0	09-may-1988	99	SO4	LT	12500.000	UGG
28.0	05-may-1988	99	TL	LT	9.380	UGG
310.0	09-may-1988	99	TL	LT	9.380	UGG
328.0	09-may-1988	99	TL	LT	8.180	UGG
338.0	09-may-1988	99	TL	LT	9.370	UGG
28.0	05-may-1988	99	TXPHEN	ND	7.000	UGG
310.0	09-may-1988	99	TXPHEN	ND	7.000	UGG
328.0	09-may-1988	99	TXPHEN	ND	7.000	UGG
338.0	09-may-1988	99	TXPHEN	ND	7.000	UGG

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	99	UNK595		5.000	UGG
310.0	09-may-1988	99	UNK595		1.000	UGG
328.0	09-may-1988	99	UNK595		0.200	UGG
338.0	09-may-1988	99	UNK595		1.000	UGG
328.0	09-may-1988	99	UNK603		0.300	UGG
28.0	05-may-1988	JB08	HG	LT	0.100	UGG
28.0	05-may-1988	JS07	NI		10.100	UGG
310.0	09-may-1988	JS07	NI	LT	4.840	UGG
328.0	09-may-1988	JS07	NI	LT	4.840	UGG
338.0	09-may-1988	JS07	NI		25.700	UGG
28.0	05-may-1988	JS07	ZN	LT	52.500	UGG
310.0	09-may-1988	JS07	ZN	LT	52.500	UGG
328.0	09-may-1988	JS07	ZN	LT	52.500	UGG
338.0	09-may-1988	JS07	ZN	LT	52.500	UGG
28.0	05-may-1988	KF02	NIT	LT	527.000	UGG
310.0	09-may-1988	KF02	NIT	LT	527.000	UGG
328.0	09-may-1988	KF02	NIT	LT	527.000	UGG
338.0	09-may-1988	KF02	NIT	LT	527.000	UGG
28.0	05-may-1988	LM13	111TCE	ND	0.050	UGG
310.0	09-may-1988	LM13	111TCE	ND	0.050	UGG
328.0	09-may-1988	LM13	111TCE	ND	0.050	UGG
338.0	09-may-1988	LM13	111TCE	ND	0.050	UGG
28.0	05-may-1988	LM13	112TCE	ND	0.050	UGG
310.0	09-may-1988	LM13	112TCE	ND	0.050	UGG
328.0	09-may-1988	LM13	112TCE	ND	0.050	UGG
338.0	09-may-1988	LM13	112TCE	ND	0.050	UGG
310.0	09-may-1988	LM13	11DCE	ND	0.050	UGG
328.0	09-may-1988	LM13	11DCE	ND	0.050	UGG
338.0	09-may-1988	LM13	11DCE	ND	0.050	UGG
310.0	09-may-1988	LM13	11DCLE	ND	0.050	UGG
328.0	09-may-1988	LM13	11DCLE	ND	0.050	UGG
338.0	09-may-1988	LM13	11DCLE	ND	0.050	UGG
28.0	05-may-1988	LM13	12DCLB	ND	0.300	UGG
310.0	09-may-1988	LM13	12DCLB	ND	0.300	UGG
328.0	09-may-1988	LM13	12DCLB	ND	0.300	UGG
338.0	09-may-1988	LM13	12DCLB	ND	0.300	UGG
28.0	05-may-1988	LM13	12DCLE	ND	0.050	UGG
310.0	09-may-1988	LM13	12DCLE	ND	0.050	UGG
328.0	09-may-1988	LM13	12DCLE	ND	0.050	UGG
338.0	09-may-1988	LM13	12DCLE	ND	0.050	UGG
28.0	05-may-1988	LM13	12DCLP	ND	0.050	UGG
310.0	09-may-1988	LM13	12DCLP	ND	0.050	UGG
328.0	09-may-1988	LM13	12DCLP	ND	0.050	UGG
338.0	09-may-1988	LM13	12DCLP	ND	0.050	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
28.0	05-may-1988	LM13	13DCLB	ND	0.300	UGG
310.0	09-may-1988	LM13	13DCLB	ND	0.300	UGG
328.0	09-may-1988	LM13	13DCLB	ND	0.300	UGG
338.0	09-may-1988	LM13	13DCLB	ND	0.300	UGG
28.0	05-may-1988	LM13	14DCLB	ND	0.300	UGG
310.0	09-may-1988	LM13	14DCLB	ND	0.300	UGG
328.0	09-may-1988	LM13	14DCLB	ND	0.300	UGG
338.0	09-may-1988	LM13	14DCLB	ND	0.300	UGG
28.0	05-may-1988	LM13	2CLEVE	ND	0.600	UGG
310.0	09-may-1988	LM13	2CLEVE	ND	0.600	UGG
328.0	09-may-1988	LM13	2CLEVE	ND	0.600	UGG
338.0	09-may-1988	LM13	2CLEVE	ND	0.600	UGG
28.0	05-may-1988	LM13	BRDCLM	ND	0.050	UGG
310.0	09-may-1988	LM13	BRDCLM	ND	0.050	UGG
328.0	09-may-1988	LM13	BRDCLM	ND	0.050	UGG
338.0	09-may-1988	LM13	BRDCLM	ND	0.050	UGG
28.0	05-may-1988	LM13	C13DCP	ND	0.600	UGG
310.0	09-may-1988	LM13	C13DCP	ND	0.600	UGG
328.0	09-may-1988	LM13	C13DCP	ND	0.600	UGG
338.0	09-may-1988	LM13	C13DCP	ND	0.600	UGG
28.0	05-may-1988	LM13	C2H3CL	ND	0.100	UGG
310.0	09-may-1988	LM13	C2H3CL	ND	0.100	UGG
328.0	09-may-1988	LM13	C2H3CL	ND	0.100	UGG
338.0	09-may-1988	LM13	C2H3CL	ND	0.100	UGG
28.0	05-may-1988	LM13	C2H5CL	ND	0.100	UGG
310.0	09-may-1988	LM13	C2H5CL	ND	0.100	UGG
328.0	09-may-1988	LM13	C2H5CL	ND	0.100	UGG
338.0	09-may-1988	LM13	C2H5CL	ND	0.100	UGG
28.0	05-may-1988	LM13	C6H6	ND	0.600	UGG
310.0	09-may-1988	LM13	C6H6	ND	0.600	UGG
328.0	09-may-1988	LM13	C6H6	ND	0.600	UGG
338.0	09-may-1988	LM13	C6H6	ND	0.600	UGG
28.0	05-may-1988	LM13	CCL4	ND	0.050	UGG
310.0	09-may-1988	LM13	CCL4	ND	0.050	UGG
328.0	09-may-1988	LM13	CCL4	ND	0.050	UGG
338.0	09-may-1988	LM13	CCL4	ND	0.050	UGG
28.0	05-may-1988	LM13	CH2CL2	ND	0.050	UGG
310.0	09-may-1988	LM13	CH2CL2	ND	0.050	UGG
328.0	09-may-1988	LM13	CH2CL2	ND	0.050	UGG
338.0	09-may-1988	LM13	CH2CL2	ND	0.050	UGG
28.0	05-may-1988	LM13	CH3BR	ND	0.100	UGG
328.0	09-may-1988	LM13	CH3BR	ND	0.100	UGG
338.0	09-may-1988	LM13	CH3BR	ND	0.100	UGG
28.0	05-may-1988	LM13	CH3CL	ND	0.100	UGG
328.0	09-may-1988	LM13	CH3CL	ND	0.100	UGG
338.0	09-may-1988	LM13	CH3CL	ND	0.100	UGG
28.0	05-may-1988	LM13	CHBR3	ND	0.100	UGG
310.0	09-may-1988	LM13	CHBR3	ND	0.100	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
328.0	09-may-1988	LM13	CHBR3	ND	0.100	UGG
338.0	09-may-1988	LM13	CHBR3	ND	0.100	UGG
28.0	05-may-1988	LM13	CHCL3	ND	0.050	UGG
310.0	09-may-1988	LM13	CHCL3	ND	0.050	UGG
328.0	09-may-1988	LM13	CHCL3	ND	0.050	UGG
338.0	09-may-1988	LM13	CHCL3	ND	0.050	UGG
28.0	05-may-1988	LM13	CLC6H5	ND	0.630	UGG
310.0	09-may-1988	LM13	CLC6H5	ND	0.630	UGG
328.0	09-may-1988	LM13	CLC6H5	ND	0.630	UGG
338.0	09-may-1988	LM13	CLC6H5	ND	0.630	UGG
28.0	05-may-1988	LM13	DBRCLM	ND	0.050	UGG
310.0	09-may-1988	LM13	DBRCLM	ND	0.050	UGG
328.0	09-may-1988	LM13	DBRCLM	ND	0.050	UGG
338.0	09-may-1988	LM13	DBRCLM	ND	0.050	UGG
28.0	05-may-1988	LM13	ETC6H5	ND	0.050	UGG
310.0	09-may-1988	LM13	ETC6H5	ND	0.050	UGG
328.0	09-may-1988	LM13	ETC6H5	ND	0.050	UGG
338.0	09-may-1988	LM13	ETC6H5	ND	0.050	UGG
28.0	05-may-1988	LM13	MEC6H5	ND	0.050	UGG
310.0	09-may-1988	LM13	MEC6H5	ND	0.050	UGG
328.0	09-may-1988	LM13	MEC6H5	ND	0.050	UGG
338.0	09-may-1988	LM13	MEC6H5	ND	0.050	UGG
28.0	05-may-1988	LM13	T12DCE	ND	0.630	UGG
310.0	09-may-1988	LM13	T12DCE	ND	0.630	UGG
328.0	09-may-1988	LM13	T12DCE	ND	0.630	UGG
338.0	09-may-1988	LM13	T12DCE	ND	0.630	UGG
28.0	05-may-1988	LM13	T13DCP	ND	0.050	UGG
310.0	09-may-1988	LM13	T13DCP	ND	0.050	UGG
328.0	09-may-1988	LM13	T13DCP	ND	0.050	UGG
338.0	09-may-1988	LM13	T13DCP	ND	0.050	UGG
28.0	05-may-1988	LM13	TCLEA	ND	0.050	UGG
310.0	09-may-1988	LM13	TCLEA	ND	0.050	UGG
328.0	09-may-1988	LM13	TCLEA	ND	0.050	UGG
338.0	09-may-1988	LM13	TCLEA	ND	0.050	UGG
28.0	05-may-1988	LM13	TCLEE	ND	0.050	UGG
310.0	09-may-1988	LM13	TCLEE	ND	0.050	UGG
328.0	09-may-1988	LM13	TCLEE	ND	0.050	UGG
338.0	09-may-1988	LM13	TCLEE	ND	0.050	UGG
28.0	05-may-1988	LM13	TRCLE	LT	0.145	UGG
310.0	09-may-1988	LM13	TRCLE	LT	0.145	UGG
328.0	09-may-1988	LM13	TRCLE	LT	0.145	UGG
338.0	09-may-1988	LM13	TRCLE	LT	0.145	UGG
28.0	05-may-1988	LW02	135TNB	LT	2.100	UGG
328.0	09-may-1988	LW02	135TNB	LT	2.100	UGG
338.0	09-may-1988	LW02	135TNB	LT	2.100	UGG
28.0	05-may-1988	LW02	13DNB	LT	0.590	UGG
328.0	09-may-1988	LW02	13DNB	LT	0.590	UGG

Site: BORE N-114-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
338.0	09-may-1988	LW02	13DNB	LT	0.590	UGG
28.0	05-may-1988	LW02	246TNT	LT	1.900	UGG
328.0	09-may-1988	LW02	246TNT	LT	1.900	UGG
338.0	09-may-1988	LW02	246TNT	LT	1.900	UGG
28.0	05-may-1988	LW02	24DNT	LT	0.420	UGG
328.0	09-may-1988	LW02	24DNT	LT	0.420	UGG
338.0	09-may-1988	LW02	24DNT	LT	0.420	UGG
28.0	05-may-1988	LW02	26DNT	LT	0.400	UGG
328.0	09-may-1988	LW02	26DNT	LT	0.400	UGG
338.0	09-may-1988	LW02	26DNT	LT	0.400	UGG
28.0	05-may-1988	LW02	HMX	LT	1.300	UGG
328.0	09-may-1988	LW02	HMX	LT	1.300	UGG
338.0	09-may-1988	LW02	HMX	LT	1.300	UGG
28.0	05-may-1988	LW02	NB	LT	0.420	UGG
328.0	09-may-1988	LW02	NB	LT	0.420	UGG
338.0	09-may-1988	LW02	NB	LT	0.420	UGG
28.0	05-may-1988	LW02	RDX	LT	0.980	UGG
328.0	09-may-1988	LW02	RDX	LT	0.980	UGG
338.0	09-may-1988	LW02	RDX	LT	0.980	UGG
28.0	05-may-1988	LW02	TETRYL	LT	0.250	UGG
328.0	09-may-1988	LW02	TETRYL	LT	0.250	UGG
338.0	09-may-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-115-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
60.0	20-may-1988	99	BR	LT	12500.000	UGG
80.0	20-may-1988	99	BR	LT	12500.000	UGG
60.0	20-may-1988	99	CL	LT	12500.000	UGG
80.0	20-may-1988	99	CL	LT	12500.000	UGG
60.0	20-may-1988	99	F		6.440	UGG
80.0	20-may-1988	99	F		9.070	UGG
60.0	20-may-1988	99	NA		282.000	UGG
80.0	20-may-1988	99	NA		370.000	UGG
60.0	20-may-1988	JB08	HG	LT	0.100	UGG
80.0	20-may-1988	JB08	HG	LT	0.100	UGG
60.0	20-may-1988	JD01	AG	LT	0.648	UGG
80.0	20-may-1988	JD01	AG	LT	0.648	UGG
60.0	20-may-1988	JD01	AS	LT	5.700	UGG
80.0	20-may-1988	JD01	AS	LT	5.700	UGG
60.0	20-may-1988	JD01	BE	LT	0.330	UGG
80.0	20-may-1988	JD01	BE	LT	0.330	UGG
60.0	20-may-1988	JD01	CD	LT	0.700	UGG

Site: BORE N-115-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
80.0	20-may-1988	JD01	CD	LT	0.700	UGG
60.0	20-may-1988	JD01	CR		12.700	UGG
80.0	20-may-1988	JD01	CR		12.500	UGG
60.0	20-may-1988	JD01	CU		5.000	UGG
80.0	20-may-1988	JD01	CU	LT	3.820	UGG
60.0	20-may-1988	JD01	PB	LT	4.780	UGG
80.0	20-may-1988	JD01	PB	LT	4.780	UGG
60.0	20-may-1988	JD01	SB	LT	25.300	UGG
80.0	20-may-1988	JD01	SB	LT	25.300	UGG
60.0	20-may-1988	JD01	SE	LT	2.100	UGG
80.0	20-may-1988	JD01	SE	LT	2.100	UGG
60.0	20-may-1988	JD01	TL	LT	7.930	UGG
80.0	20-may-1988	JD01	TL	LT	7.930	UGG
60.0	20-may-1988	JS07	NI		15.500	UGG
80.0	20-may-1988	JS07	NI		17.900	UGG
60.0	20-may-1988	JS07	ZN	LT	52.000	UGG
80.0	20-may-1988	JS07	ZN	LT	52.000	UGG
60.0	20-may-1988	KF02	NIT	LT	500.000	UGG
80.0	20-may-1988	KF02	NIT	LT	500.000	UGG
60.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
80.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
80.0	20-may-1988	KT01	SO4	LT	12500.000	UGG
80.0	20-may-1988	LM14	124TCB	ND	0.329	UGG
60.0	20-may-1988	LM14	124TCB	ND	0.329	UGG
80.0	20-may-1988	LM14	12DPH	ND	0.329	UGG
60.0	20-may-1988	LM14	12DPH	ND	0.329	UGG
80.0	20-may-1988	LM14	246TCP	ND	0.329	UGG
60.0	20-may-1988	LM14	246TCP	ND	0.329	UGG
80.0	20-may-1988	LM14	24DCLP	ND	0.329	UGG
60.0	20-may-1988	LM14	24DCLP	ND	0.329	UGG
80.0	20-may-1988	LM14	24DMPN	ND	0.329	UGG
60.0	20-may-1988	LM14	24DMPN	ND	0.329	UGG
80.0	20-may-1988	LM14	24DNP	ND	2.200	UGG
60.0	20-may-1988	LM14	24DNP	ND	2.200	UGG
80.0	20-may-1988	LM14	24DNT	ND	0.329	UGG
60.0	20-may-1988	LM14	24DNT	ND	0.329	UGG
80.0	20-may-1988	LM14	26DNT	ND	0.329	UGG
60.0	20-may-1988	LM14	26DNT	ND	0.329	UGG
80.0	20-may-1988	LM14	2CLP	ND	0.329	UGG
60.0	20-may-1988	LM14	2CLP	ND	0.329	UGG
80.0	20-may-1988	LM14	2CNAP	ND	0.329	UGG
60.0	20-may-1988	LM14	2CNAP	ND	0.329	UGG
80.0	20-may-1988	LM14	2NP	ND	0.329	UGG
60.0	20-may-1988	LM14	2NP	ND	0.329	UGG

Site: BORE N-115-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
80.0	20-may-1988	LM14	33DCBD	ND	0.769	UGG
60.0	20-may-1988	LM14	33DCBD	ND	0.769	UGG
80.0	20-may-1988	LM14	46DN2C	ND	2.200	UGG
60.0	20-may-1988	LM14	46DN2C	ND	2.200	UGG
80.0	20-may-1988	LM14	4BRPPE	ND	0.329	UGG
60.0	20-may-1988	LM14	4BRPPE	ND	0.329	UGG
80.0	20-may-1988	LM14	4CL3C	ND	0.329	UGG
60.0	20-may-1988	LM14	4CL3C	ND	0.329	UGG
80.0	20-may-1988	LM14	4CLPPE	ND	0.329	UGG
60.0	20-may-1988	LM14	4CLPPE	ND	0.329	UGG
80.0	20-may-1988	LM14	4NP	ND	2.200	UGG
60.0	20-may-1988	LM14	4NP	ND	2.200	UGG
80.0	20-may-1988	LM14	ABHC	ND	0.549	UGG
60.0	20-may-1988	LM14	ABHC	ND	0.549	UGG
80.0	20-may-1988	LM14	AENSLF	ND	0.549	UGG
60.0	20-may-1988	LM14	AENSLF	ND	0.549	UGG
80.0	20-may-1988	LM14	ALDRN	ND	0.549	UGG
60.0	20-may-1988	LM14	ALDRN	ND	0.549	UGG
80.0	20-may-1988	LM14	ANAPNE	ND	0.329	UGG
60.0	20-may-1988	LM14	ANAPNE	ND	0.329	UGG
80.0	20-may-1988	LM14	ANAPYL	ND	0.329	UGG
60.0	20-may-1988	LM14	ANAPYL	ND	0.329	UGG
80.0	20-may-1988	LM14	ANTRC	ND	0.329	UGG
60.0	20-may-1988	LM14	ANTRC	ND	0.329	UGG
80.0	20-may-1988	LM14	B2CEXM	ND	0.329	UGG
60.0	20-may-1988	LM14	B2CEXM	ND	0.329	UGG
80.0	20-may-1988	LM14	B2CIPE	ND	0.329	UGG
60.0	20-may-1988	LM14	B2CIPE	ND	0.329	UGG
80.0	20-may-1988	LM14	B2CLEE	ND	0.329	UGG
60.0	20-may-1988	LM14	B2CLEE	ND	0.329	UGG
80.0	20-may-1988	LM14	B2EHP	ND	0.329	UGG
60.0	20-may-1988	LM14	B2EHP	ND	0.329	UGG
80.0	20-may-1988	LM14	BAANTR	ND	0.329	UGG
60.0	20-may-1988	LM14	BAANTR	ND	0.329	UGG
80.0	20-may-1988	LM14	BAPYR	ND	0.329	UGG
60.0	20-may-1988	LM14	BAPYR	ND	0.329	UGG
80.0	20-may-1988	LM14	BBFANT	ND	0.329	UGG
60.0	20-may-1988	LM14	BBFANT	ND	0.329	UGG
80.0	20-may-1988	LM14	BBHC	ND	0.549	UGG
60.0	20-may-1988	LM14	BBHC	ND	0.549	UGG
80.0	20-may-1988	LM14	BBZP	ND	0.329	UGG
60.0	20-may-1988	LM14	BBZP	ND	0.329	UGG
80.0	20-may-1988	LM14	BENSLF	ND	1.100	UGG
60.0	20-may-1988	LM14	BENSLF	ND	1.100	UGG
80.0	20-may-1988	LM14	BENZID	ND	1.810	UGG
60.0	20-may-1988	LM14	BENZID	ND	1.810	UGG
80.0	20-may-1988	LM14	BGHIPY	ND	0.329	UGG
60.0	20-may-1988	LM14	BGHIPY	ND	0.329	UGG

Site: BORE N-115-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
80.0	20-may-1988	LM14	BKFANT	ND	0.329	UGG
60.0	20-may-1988	LM14	BKFANT	ND	0.329	UGG
80.0	20-may-1988	LM14	C2H5CL	ND	0.110	UGG
60.0	20-may-1988	LM14	C2H5CL	ND	0.110	UGG
80.0	20-may-1988	LM14	CHRY	ND	0.329	UGG
60.0	20-may-1988	LM14	CHRY	ND	0.329	UGG
80.0	20-may-1988	LM14	CL6BZ	ND	0.329	UGG
60.0	20-may-1988	LM14	CL6BZ	ND	0.329	UGG
80.0	20-may-1988	LM14	CL6CP	ND	0.329	UGG
60.0	20-may-1988	LM14	CL6CP	ND	0.329	UGG
80.0	20-may-1988	LM14	CL6ET	ND	0.329	UGG
60.0	20-may-1988	LM14	CL6ET	ND	0.329	UGG
80.0	20-may-1988	LM14	CLDAN	ND	5.490	UGG
60.0	20-may-1988	LM14	CLDAN	ND	5.490	UGG
80.0	20-may-1988	LM14	DBAHA	ND	0.329	UGG
60.0	20-may-1988	LM14	DBAHA	ND	0.329	UGG
80.0	20-may-1988	LM14	DBHC	ND	0.549	UGG
60.0	20-may-1988	LM14	DBHC	ND	0.549	UGG
80.0	20-may-1988	LM14	DEP	ND	0.329	UGG
60.0	20-may-1988	LM14	DEP	ND	0.329	UGG
80.0	20-may-1988	LM14	DLDRN	ND	1.100	UGG
60.0	20-may-1988	LM14	DLDRN	ND	1.100	UGG
80.0	20-may-1988	LM14	DMP	ND	0.329	UGG
60.0	20-may-1988	LM14	DMP	ND	0.329	UGG
80.0	20-may-1988	LM14	DNBP	ND	0.329	UGG
60.0	20-may-1988	LM14	DNBP	ND	0.329	UGG
80.0	20-may-1988	LM14	DNOP	ND	0.329	UGG
60.0	20-may-1988	LM14	DNOP	ND	0.329	UGG
80.0	20-may-1988	LM14	ENDRN	ND	1.100	UGG
60.0	20-may-1988	LM14	ENDRN	ND	1.100	UGG
80.0	20-may-1988	LM14	ENDRNA	ND	0.725	UGG
60.0	20-may-1988	LM14	ENDRNA	ND	0.725	UGG
80.0	20-may-1988	LM14	ESFSO4	ND	1.100	UGG
60.0	20-may-1988	LM14	ESFSO4	ND	1.100	UGG
80.0	20-may-1988	LM14	FANT	ND	0.329	UGG
60.0	20-may-1988	LM14	FANT	ND	0.329	UGG
80.0	20-may-1988	LM14	FLRENE	ND	0.329	UGG
60.0	20-may-1988	LM14	FLRENE	ND	0.329	UGG
80.0	20-may-1988	LM14	HCBD	ND	0.329	UGG
60.0	20-may-1988	LM14	HCBD	ND	0.329	UGG
80.0	20-may-1988	LM14	HPCL	ND	0.549	UGG
60.0	20-may-1988	LM14	HPCL	ND	0.549	UGG
80.0	20-may-1988	LM14	HPCLE	ND	0.549	UGG
60.0	20-may-1988	LM14	HPCLE	ND	0.549	UGG
80.0	20-may-1988	LM14	ICDPYR	ND	0.329	UGG
60.0	20-may-1988	LM14	ICDPYR	ND	0.329	UGG
80.0	20-may-1988	LM14	ISOPHR	ND	0.329	UGG
60.0	20-may-1988	LM14	ISOPHR	ND	0.329	UGG

Site: BORE N-115-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
80.0	20-may-1988	LM14	LIN	LT	0.064	UGG
60.0	20-may-1988	LM14	LIN	LT	0.064	UGG
80.0	20-may-1988	LM14	NAP	ND	0.329	UGG
60.0	20-may-1988	LM14	NAP	ND	0.329	UGG
80.0	20-may-1988	LM14	NB	ND	0.329	UGG
60.0	20-may-1988	LM14	NB	ND	0.329	UGG
80.0	20-may-1988	LM14	NNDPA	ND	0.329	UGG
60.0	20-may-1988	LM14	NNDPA	ND	0.329	UGG
80.0	20-may-1988	LM14	PCB016	ND	5.490	UGG
60.0	20-may-1988	LM14	PCB016	ND	5.490	UGG
80.0	20-may-1988	LM14	PCB221	ND	5.490	UGG
60.0	20-may-1988	LM14	PCB221	ND	5.490	UGG
80.0	20-may-1988	LM14	PCB232	ND	5.490	UGG
60.0	20-may-1988	LM14	PCB232	ND	5.490	UGG
80.0	20-may-1988	LM14	PCB242	ND	5.490	UGG
60.0	20-may-1988	LM14	PCB242	ND	5.490	UGG
80.0	20-may-1988	LM14	PCB248	ND	5.490	UGG
60.0	20-may-1988	LM14	PCB248	ND	5.490	UGG
80.0	20-may-1988	LM14	PCB254	ND	11.000	UGG
60.0	20-may-1988	LM14	PCB254	ND	11.000	UGG
80.0	20-may-1988	LM14	PCB260	ND	11.000	UGG
60.0	20-may-1988	LM14	PCB260	ND	11.000	UGG
80.0	20-may-1988	LM14	PCP	ND	2.200	UGG
60.0	20-may-1988	LM14	PCP	ND	2.200	UGG
80.0	20-may-1988	LM14	PHANTR	ND	0.329	UGG
60.0	20-may-1988	LM14	PHANTR	ND	0.329	UGG
80.0	20-may-1988	LM14	PHENOL	ND	0.329	UGG
60.0	20-may-1988	LM14	PHENOL	ND	0.329	UGG
80.0	20-may-1988	LM14	PPDDD	ND	1.100	UGG
60.0	20-may-1988	LM14	PPDDD	ND	1.100	UGG
80.0	20-may-1988	LM14	PPDDE	LT	0.098	UGG
60.0	20-may-1988	LM14	PPDDE	LT	0.098	UGG
80.0	20-may-1988	LM14	PPDDT	LT	0.534	UGG
60.0	20-may-1988	LM14	PPDDT	LT	0.534	UGG
80.0	20-may-1988	LM14	PYR	ND	0.329	UGG
60.0	20-may-1988	LM14	PYR	ND	0.329	UGG
80.0	20-may-1988	LM14	TXPHEN	ND	7.690	UGG
60.0	20-may-1988	LM14	TXPHEN	ND	7.690	UGG
60.0	20-may-1988	LW02	135TNB	LT	1.800	UGG
60.0	20-may-1988	LW02	13DNB	LT	0.590	UGG
60.0	20-may-1988	LW02	246TNT	LT	1.900	UGG
60.0	20-may-1988	LW02	24DNT	LT	0.420	UGG
60.0	20-may-1988	LW02	26DNT	LT	0.400	UGG
60.0	20-may-1988	LW02	HMX	LT	1.300	UGG
60.0	20-may-1988	LW02	NB	LT	0.430	UGG
60.0	20-may-1988	LW02	RDX	LT	0.910	UGG
60.0	20-may-1988	LW02	TETRYL	LT	0.280	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-117-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
78.0	27-jun-1988	99	CL	LT	0.000	UGG
107.0	28-jun-1988	99	CL	LT	0.000	UGG
78.0	27-jun-1988	99	F		1.600	UGG
107.0	28-jun-1988	99	F		1.300	UGG
78.0	27-jun-1988	99	NA		664.000	UGG
107.0	28-jun-1988	99	NA		233.000	UGG
78.0	27-jun-1988	J808	HG	LT	0.100	UGG
107.0	28-jun-1988	J808	HG	LT	0.100	UGG
78.0	27-jun-1988	JD01	AG	LT	0.648	UGG
107.0	28-jun-1988	JD01	AG	LT	0.648	UGG
78.0	27-jun-1988	JD01	AS	LT	5.700	UGG
107.0	28-jun-1988	JD01	AS	LT	5.700	UGG
78.0	27-jun-1988	JD01	BE	LT	0.330	UGG
107.0	28-jun-1988	JD01	BE		0.422	UGG
78.0	27-jun-1988	JD01	CD	LT	0.700	UGG
107.0	28-jun-1988	JD01	CD	LT	0.700	UGG
78.0	27-jun-1988	JD01	CR		15.200	UGG
107.0	28-jun-1988	JD01	CR		26.200	UGG
78.0	27-jun-1988	JD01	CU		6.530	UGG
107.0	28-jun-1988	JD01	CU		9.980	UGG
78.0	27-jun-1988	JD01	PB	LT	4.780	UGG
107.0	28-jun-1988	JD01	PB		7.590	UGG
78.0	27-jun-1988	JD01	SB	LT	25.300	UGG
107.0	28-jun-1988	JD01	SB	LT	25.300	UGG
78.0	27-jun-1988	JD01	SE	LT	2.100	UGG
107.0	28-jun-1988	JD01	SE	LT	2.100	UGG
78.0	27-jun-1988	JD01	TL	LT	7.930	UGG
107.0	28-jun-1988	JD01	TL	LT	7.930	UGG
78.0	27-jun-1988	JS07	NI		17.800	UGG
107.0	28-jun-1988	JS07	NI		14.700	UGG
78.0	27-jun-1988	JS07	ZN	LT	52.000	UGG
107.0	28-jun-1988	JS07	ZN	LT	52.000	UGG
78.0	27-jun-1988	KF02	NIT	LT	500.000	UGG
107.0	28-jun-1988	KF02	NIT	LT	500.000	UGG
78.0	27-jun-1988	KT01	SO4	LT	12500.000	UGG
107.0	28-jun-1988	KT01	SO4	LT	12500.000	UGG
78.0	27-jun-1988	LM13	111TCE	ND	0.050	UGG
107.0	28-jun-1988	LM13	111TCE	ND	0.050	UGG
78.0	27-jun-1988	LM13	112TCE	ND	0.050	UGG
107.0	28-jun-1988	LM13	112TCE	ND	0.050	UGG
78.0	27-jun-1988	LM13	11DCE	ND	0.050	UGG
107.0	28-jun-1988	LM13	11DCE	ND	0.050	UGG

Site: BORE N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
78.0	27-jun-1988	LM13	11DCLE	ND	0.050	UGG
107.0	28-jun-1988	LM13	11DCLE	ND	0.050	UGG
78.0	27-jun-1988	LM13	12DCLB	ND	0.300	UGG
107.0	28-jun-1988	LM13	12DCLB	ND	0.300	UGG
78.0	27-jun-1988	LM13	12DCLE	ND	0.050	UGG
107.0	28-jun-1988	LM13	12DCLE	ND	0.050	UGG
78.0	27-jun-1988	LM13	12DCLP	ND	0.050	UGG
107.0	28-jun-1988	LM13	12DCLP	ND	0.050	UGG
78.0	27-jun-1988	LM13	13DCLB	ND	0.300	UGG
107.0	28-jun-1988	LM13	13DCLB	ND	0.300	UGG
78.0	27-jun-1988	LM13	14DCLB	ND	0.300	UGG
107.0	28-jun-1988	LM13	14DCLB	ND	0.300	UGG
78.0	27-jun-1988	LM13	2CLEVE	ND	0.600	UGG
107.0	28-jun-1988	LM13	2CLEVE	ND	0.600	UGG
78.0	27-jun-1988	LM13	BRDCLM	ND	0.050	UGG
107.0	28-jun-1988	LM13	BRDCLM	ND	0.050	UGG
78.0	27-jun-1988	LM13	C13DCP	ND	0.600	UGG
107.0	28-jun-1988	LM13	C13DCP	ND	0.600	UGG
78.0	27-jun-1988	LM13	C2H3CL	ND	0.100	UGG
107.0	28-jun-1988	LM13	C2H3CL	ND	0.100	UGG
78.0	27-jun-1988	LM13	C2H5CL	ND	0.100	UGG
107.0	28-jun-1988	LM13	C2H5CL	ND	0.100	UGG
78.0	27-jun-1988	LM13	C6H6	ND	0.600	UGG
107.0	28-jun-1988	LM13	C6H6	ND	0.600	UGG
78.0	27-jun-1988	LM13	CCL4	ND	0.050	UGG
107.0	28-jun-1988	LM13	CCL4	ND	0.050	UGG
78.0	27-jun-1988	LM13	CH2CL2	ND	0.050	UGG
107.0	28-jun-1988	LM13	CH2CL2	ND	0.050	UGG
78.0	27-jun-1988	LM13	CH3BR	ND	0.100	UGG
107.0	28-jun-1988	LM13	CH3BR	ND	0.100	UGG
78.0	27-jun-1988	LM13	CH3CL	ND	0.100	UGG
107.0	28-jun-1988	LM13	CH3CL	ND	0.100	UGG
78.0	27-jun-1988	LM13	CHBR3	ND	0.100	UGG
107.0	28-jun-1988	LM13	CHBR3	ND	0.100	UGG
78.0	27-jun-1988	LM13	CHCL3	ND	0.050	UGG
107.0	28-jun-1988	LM13	CHCL3	ND	0.050	UGG
78.0	27-jun-1988	LM13	CLC6H5	ND	0.630	UGG
107.0	28-jun-1988	LM13	CLC6H5	ND	0.630	UGG
78.0	27-jun-1988	LM13	DBRCLM	ND	0.050	UGG
107.0	28-jun-1988	LM13	DBRCLM	ND	0.050	UGG
78.0	27-jun-1988	LM13	ETC6H5	ND	0.050	UGG
107.0	28-jun-1988	LM13	ETC6H5	ND	0.050	UGG
78.0	27-jun-1988	LM13	MEC6H5	ND	0.050	UGG
107.0	28-jun-1988	LM13	MEC6H5	ND	0.050	UGG
78.0	27-jun-1988	LM13	T12DCE	ND	0.630	UGG
107.0	28-jun-1988	LM13	T12DCE	ND	0.630	UGG
78.0	27-jun-1988	LM13	T13DCP	ND	0.050	UGG
107.0	28-jun-1988	LM13	T13DCP	ND	0.050	UGG

Site: BORE N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
78.0	27-jun-1988	LM13	TCLEA	ND	0.050	UGG
107.0	28-jun-1988	LM13	TCLEA	ND	0.050	UGG
78.0	27-jun-1988	LM13	TCLEE	ND	0.050	UGG
107.0	28-jun-1988	LM13	TCLEE	ND	0.050	UGG
78.0	27-jun-1988	LM13	TRCLE	LT	0.145	UGG
107.0	28-jun-1988	LM13	TRCLE	LT	0.145	UGG
78.0	27-jun-1988	LM14	124TCB	ND	0.300	UGG
107.0	28-jun-1988	LM14	124TCB	ND	0.300	UGG
78.0	27-jun-1988	LM14	12DCLB	ND	0.300	UGG
107.0	28-jun-1988	LM14	12DCLB	ND	0.300	UGG
78.0	27-jun-1988	LM14	12DPH	ND	0.300	UGG
107.0	28-jun-1988	LM14	12DPH	ND	0.300	UGG
78.0	27-jun-1988	LM14	13DCLB	ND	0.300	UGG
107.0	28-jun-1988	LM14	13DCLB	ND	0.300	UGG
78.0	27-jun-1988	LM14	14DCLB	ND	0.300	UGG
107.0	28-jun-1988	LM14	14DCLB	ND	0.300	UGG
78.0	27-jun-1988	LM14	246TCP	ND	0.300	UGG
107.0	28-jun-1988	LM14	246TCP	ND	0.300	UGG
78.0	27-jun-1988	LM14	24DCLP	ND	0.300	UGG
107.0	28-jun-1988	LM14	24DCLP	ND	0.300	UGG
78.0	27-jun-1988	LM14	24DMPN	ND	0.300	UGG
107.0	28-jun-1988	LM14	24DMPN	ND	0.300	UGG
78.0	27-jun-1988	LM14	24DNP	ND	2.000	UGG
107.0	28-jun-1988	LM14	24DNP	ND	2.000	UGG
78.0	27-jun-1988	LM14	24DNT	ND	0.300	UGG
107.0	28-jun-1988	LM14	24DNT	ND	0.300	UGG
78.0	27-jun-1988	LM14	26DNT	ND	0.300	UGG
107.0	28-jun-1988	LM14	26DNT	ND	0.300	UGG
78.0	27-jun-1988	LM14	2CLP	ND	0.300	UGG
107.0	28-jun-1988	LM14	2CLP	ND	0.300	UGG
78.0	27-jun-1988	LM14	2CNAP	ND	0.300	UGG
107.0	28-jun-1988	LM14	2CNAP	ND	0.300	UGG
78.0	27-jun-1988	LM14	2NP	ND	0.300	UGG
107.0	28-jun-1988	LM14	2NP	ND	0.300	UGG
78.0	27-jun-1988	LM14	33DCBD	ND	0.700	UGG
107.0	28-jun-1988	LM14	33DCBD	ND	0.700	UGG
78.0	27-jun-1988	LM14	46DN2C	ND	2.000	UGG
107.0	28-jun-1988	LM14	46DN2C	ND	2.000	UGG
78.0	27-jun-1988	LM14	4CL3C	ND	0.300	UGG
107.0	28-jun-1988	LM14	4CL3C	ND	0.300	UGG
78.0	27-jun-1988	LM14	4CLPPE	ND	0.300	UGG
107.0	28-jun-1988	LM14	4CLPPE	ND	0.300	UGG
78.0	27-jun-1988	LM14	4NP	ND	2.000	UGG
107.0	28-jun-1988	LM14	4NP	ND	2.000	UGG
78.0	27-jun-1988	LM14	ABHC	ND	0.500	UGG
107.0	28-jun-1988	LM14	ABHC	ND	0.500	UGG
78.0	27-jun-1988	LM14	AENSLF	ND	0.500	UGG

Site: 8ORE N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
107.0	28-jun-1988	LM14	AENSLF	ND	0.500	UGG
78.0	27-jun-1988	LM14	ALDRN	ND	0.500	UGG
107.0	28-jun-1988	LM14	ALDRN	ND	0.500	UGG
78.0	27-jun-1988	LM14	ANAPNE	ND	0.300	UGG
107.0	28-jun-1988	LM14	ANAPNE	ND	0.300	UGG
78.0	27-jun-1988	LM14	ANAPYL	ND	0.300	UGG
107.0	28-jun-1988	LM14	ANAPYL	ND	0.300	UGG
78.0	27-jun-1988	LM14	ANTRC	ND	0.300	UGG
107.0	28-jun-1988	LM14	ANTRC	ND	0.300	UGG
78.0	27-jun-1988	LM14	B2CEXM	ND	0.300	UGG
107.0	28-jun-1988	LM14	B2CEXM	ND	0.300	UGG
78.0	27-jun-1988	LM14	B2CLEE	ND	0.300	UGG
107.0	28-jun-1988	LM14	B2CLEE	ND	0.300	UGG
78.0	27-jun-1988	LM14	B2EHP		0.800	UGG
107.0	28-jun-1988	LM14	B2EHP	ND	0.300	UGG
78.0	27-jun-1988	LM14	BAANTR	ND	0.300	UGG
107.0	28-jun-1988	LM14	BAANTR	ND	0.300	UGG
78.0	27-jun-1988	LM14	BAPYR	ND	0.300	UGG
107.0	28-jun-1988	LM14	BAPYR	ND	0.300	UGG
78.0	27-jun-1988	LM14	BBFANT	ND	0.300	UGG
107.0	28-jun-1988	LM14	BBFANT	ND	0.300	UGG
78.0	27-jun-1988	LM14	BBHC	ND	0.500	UGG
107.0	28-jun-1988	LM14	BBHC	ND	0.500	UGG
78.0	27-jun-1988	LM14	BBZP		0.500	UGG
107.0	28-jun-1988	LM14	BBZP	ND	0.300	UGG
78.0	27-jun-1988	LM14	BENSLF	ND	1.000	UGG
107.0	28-jun-1988	LM14	BENSLF	ND	1.000	UGG
78.0	27-jun-1988	LM14	BENZID	ND	1.650	UGG
107.0	28-jun-1988	LM14	BENZID	ND	1.650	UGG
78.0	27-jun-1988	LM14	BGHIPY	ND	0.300	UGG
107.0	28-jun-1988	LM14	BGHIPY	ND	0.300	UGG
78.0	27-jun-1988	LM14	BKFANT	ND	0.300	UGG
107.0	28-jun-1988	LM14	BKFANT	ND	0.300	UGG
78.0	27-jun-1988	LM14	CHRY	ND	0.300	UGG
107.0	28-jun-1988	LM14	CHRY	ND	0.300	UGG
78.0	27-jun-1988	LM14	CL6BZ	ND	0.300	UGG
107.0	28-jun-1988	LM14	CL6BZ	ND	0.300	UGG
78.0	27-jun-1988	LM14	CL6CP	ND	0.300	UGG
107.0	28-jun-1988	LM14	CL6CP	ND	0.300	UGG
78.0	27-jun-1988	LM14	CL6ET	ND	0.300	UGG
107.0	28-jun-1988	LM14	CL6ET	ND	0.300	UGG
78.0	27-jun-1988	LM14	CLDAN	ND	5.000	UGG
107.0	28-jun-1988	LM14	CLDAN	ND	5.000	UGG
78.0	27-jun-1988	LM14	DBAHA	ND	0.300	UGG
107.0	28-jun-1988	LM14	DBAHA	ND	0.300	UGG
78.0	27-jun-1988	LM14	DBHC	ND	0.500	UGG
107.0	28-jun-1988	LM14	DBHC	ND	0.500	UGG
78.0	27-jun-1988	LM14	DEP	ND	0.300	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
107.0	28-jun-1988	LM14	DEP	ND	0.300	UGG
78.0	27-jun-1988	LM14	DLDRN	ND	1.000	UGG
107.0	28-jun-1988	LM14	DLDRN	ND	1.000	UGG
78.0	27-jun-1988	LM14	DMP	ND	0.300	UGG
107.0	28-jun-1988	LM14	DMP	ND	0.300	UGG
78.0	27-jun-1988	LM14	DNBP	ND	0.300	UGG
107.0	28-jun-1988	LM14	DNBP	ND	0.300	UGG
78.0	27-jun-1988	LM14	DNOP	ND	0.300	UGG
107.0	28-jun-1988	LM14	DNOP	ND	0.300	UGG
78.0	27-jun-1988	LM14	ENDRN	ND	1.000	UGG
107.0	28-jun-1988	LM14	ENDRN	ND	1.000	UGG
78.0	27-jun-1988	LM14	ENDRNA	ND	0.660	UGG
107.0	28-jun-1988	LM14	ENDRNA	ND	0.660	UGG
78.0	27-jun-1988	LM14	ESFSO4	ND	1.000	UGG
107.0	28-jun-1988	LM14	ESFSO4	ND	1.000	UGG
78.0	27-jun-1988	LM14	FANT	ND	0.300	UGG
107.0	28-jun-1988	LM14	FANT	ND	0.300	UGG
78.0	27-jun-1988	LM14	FLRENE	ND	0.300	UGG
107.0	28-jun-1988	LM14	FLRENE	ND	0.300	UGG
78.0	27-jun-1988	LM14	HCBD	ND	0.300	UGG
107.0	28-jun-1988	LM14	HCBD	ND	0.300	UGG
78.0	27-jun-1988	LM14	HPCL	ND	0.500	UGG
107.0	28-jun-1988	LM14	HPCL	ND	0.500	UGG
78.0	27-jun-1988	LM14	HPCLE	ND	0.500	UGG
107.0	28-jun-1988	LM14	HPCLE	ND	0.500	UGG
78.0	27-jun-1988	LM14	ICDPYR	ND	0.300	UGG
107.0	28-jun-1988	LM14	ICDPYR	ND	0.300	UGG
78.0	27-jun-1988	LM14	ISOPHR	ND	0.300	UGG
107.0	28-jun-1988	LM14	ISOPHR	ND	0.300	UGG
78.0	27-jun-1988	LM14	LIN	LT	0.066	UGG
107.0	28-jun-1988	LM14	LIN	LT	0.066	UGG
78.0	27-jun-1988	LM14	NAP	ND	0.300	UGG
107.0	28-jun-1988	LM14	NAP	ND	0.300	UGG
78.0	27-jun-1988	LM14	NB	ND	0.300	UGG
107.0	28-jun-1988	LM14	NB	ND	0.300	UGG
78.0	27-jun-1988	LM14	NNDMEA	ND	0.330	UGG
107.0	28-jun-1988	LM14	NNDMEA	ND	0.330	UGG
78.0	27-jun-1988	LM14	NNDPA	ND	0.300	UGG
107.0	28-jun-1988	LM14	NNDPA	ND	0.300	UGG
78.0	27-jun-1988	LM14	PCB016	ND	5.000	UGG
107.0	28-jun-1988	LM14	PCB016	ND	5.000	UGG
78.0	27-jun-1988	LM14	PCB221	ND	5.000	UGG
107.0	28-jun-1988	LM14	PCB221	ND	5.000	UGG
78.0	27-jun-1988	LM14	PCB232	ND	5.000	UGG
107.0	28-jun-1988	LM14	PCB232	ND	5.000	UGG
78.0	27-jun-1988	LM14	PCB242	ND	5.000	UGG
107.0	28-jun-1988	LM14	PCB242	ND	5.000	UGG
78.0	27-jun-1988	LM14	PCB248	ND	5.000	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
107.0	28-jun-1988	LM14	PCB248	ND	5.000	UGG
78.0	27-jun-1988	LM14	PCB254	ND	10.000	UGG
107.0	28-jun-1988	LM14	PCB254	ND	10.000	UGG
78.0	27-jun-1988	LM14	PCB260	ND	10.000	UGG
107.0	28-jun-1988	LM14	PCB260	ND	10.000	UGG
78.0	27-jun-1988	LM14	PCP	ND	2.000	UGG
107.0	28-jun-1988	LM14	PCP	ND	2.000	UGG
78.0	27-jun-1988	LM14	PHANTR	ND	0.300	UGG
107.0	28-jun-1988	LM14	PHANTR	ND	0.300	UGG
78.0	27-jun-1988	LM14	PHENOL	ND	0.300	UGG
107.0	28-jun-1988	LM14	PHENOL	ND	0.300	UGG
78.0	27-jun-1988	LM14	PPDDD	ND	1.000	UGG
107.0	28-jun-1988	LM14	PPDDD	ND	1.000	UGG
78.0	27-jun-1988	LM14	PPDDE	LT	0.094	UGG
107.0	28-jun-1988	LM14	PPDDE	LT	0.094	UGG
78.0	27-jun-1988	LM14	PPDDT	LT	0.506	UGG
107.0	28-jun-1988	LM14	PPDDT	LT	0.506	UGG
78.0	27-jun-1988	LM14	PYR	ND	0.300	UGG
107.0	28-jun-1988	LM14	PYR	ND	0.300	UGG
78.0	27-jun-1988	LM14	TXPHEN	ND	7.000	UGG
107.0	28-jun-1988	LM14	TXPHEN	ND	7.000	UGG
78.0	27-jun-1988	LM14	UNK591		0.200	UGG
78.0	27-jun-1988	LM14	UNK593		0.200	UGG
107.0	28-jun-1988	LM14	UNK593		0.300	UGG
107.0	28-jun-1988	LM14	UNK594		0.200	UGG
78.0	27-jun-1988	LM14	UNK595		0.100	UGG
107.0	28-jun-1988	LM14	UNK595		0.200	UGG
78.0	27-jun-1988	LM14	UNK599		0.100	UGG
78.0	27-jun-1988	LM14	UNK603		0.300	UGG
107.0	28-jun-1988	LM14	UNK603		0.400	UGG
78.0	27-jun-1988	LW02	135TNB	LT	2.090	UGG
107.0	28-jun-1988	LW02	135TNB	LT	2.090	UGG
78.0	27-jun-1988	LW02	13DNB	LT	0.590	UGG
107.0	28-jun-1988	LW02	13DNB	LT	0.590	UGG
78.0	27-jun-1988	LW02	246TNT	LT	1.920	UGG
107.0	28-jun-1988	LW02	246TNT	LT	1.920	UGG
78.0	27-jun-1988	LW02	24DNT	LT	0.420	UGG
107.0	28-jun-1988	LW02	24DNT	LT	0.420	UGG
78.0	27-jun-1988	LW02	26DNT	LT	0.400	UGG
107.0	28-jun-1988	LW02	26DNT	LT	0.400	UGG
78.0	27-jun-1988	LW02	HMX	LT	1.270	UGG
107.0	28-jun-1988	LW02	HMX	LT	1.270	UGG
78.0	27-jun-1988	LW02	NB	LT	0.420	UGG
107.0	28-jun-1988	LW02	NB	LT	0.420	UGG
78.0	27-jun-1988	LW02	RDX	LT	0.980	UGG
107.0	28-jun-1988	LW02	RDX	LT	0.980	UGG
78.0	27-jun-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-117-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
107.0	28-jun-1988	LW02	TETRYL	LT	0.250	UGG

Site: BORE N-121-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
4.4	17-may-1988	99	BR	LT	25000.000	UGG
9.5	17-may-1988	99	BR	LT	25000.000	UGG
1.4	17-may-1988	99	BR	LT	25000.000	UGG
1.9	17-may-1988	99	BR	LT	25000.000	UGG
2.4	17-may-1988	99	BR	LT	25000.000	UGG
2.9	17-may-1988	99	BR	LT	25000.000	UGG
3.9	17-may-1988	99	BR	LT	25000.000	UGG
4.9	17-may-1988	99	BR	LT	25000.000	UGG
4.5	17-may-1988	99	BR	LT	125000.000	UGG
9.5	17-may-1988	99	BR	LT	125000.000	UGG
14.5	17-may-1988	99	BR	LT	125000.000	UGG
19.5	17-may-1988	99	BR	LT	125000.000	UGG
24.5	17-may-1988	99	BR	LT	125000.000	UGG
29.5	17-may-1988	99	BR	LT	125000.000	UGG
39.5	17-may-1988	99	BR	LT	125000.000	UGG
49.5	17-may-1988	99	BR	LT	125000.000	UGG
49.5	17-may-1988	99	BR	LT	125000.000	UGG
4.4	17-may-1988	99	CL	LT	25000.000	UGG
9.5	17-may-1988	99	CL	LT	25000.000	UGG
1.4	17-may-1988	99	CL	LT	25000.000	UGG
2.4	17-may-1988	99	CL	LT	25000.000	UGG
2.9	17-may-1988	99	CL	LT	25000.000	UGG
3.9	17-may-1988	99	CL	LT	25000.000	UGG
4.9	17-may-1988	99	CL	LT	25000.000	UGG
4.5	17-may-1988	99	CL	LT	125000.000	UGG
9.5	17-may-1988	99	CL	LT	125000.000	UGG
14.5	17-may-1988	99	CL	LT	125000.000	UGG
19.5	17-may-1988	99	CL	LT	125000.000	UGG
24.5	17-may-1988	99	CL	LT	125000.000	UGG
29.5	17-may-1988	99	CL	LT	125000.000	UGG
39.5	17-may-1988	99	CL	LT	125000.000	UGG
49.5	17-may-1988	99	CL	LT	125000.000	UGG
49.5	17-may-1988	99	CL	LT	125000.000	UGG
4.5	17-may-1988	99	F		6.180	UGG
9.5	17-may-1988	99	F		7.280	UGG
14.5	17-may-1988	99	F	LT	5.000	UGG
19.5	17-may-1988	99	F	LT	5.000	UGG
24.5	17-may-1988	99	F	LT	5.000	UGG
29.5	17-may-1988	99	F	LT	5.000	UGG
39.5	17-may-1988	99	F	LT	5.000	UGG

Site: BORE N-121-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
49.5	17-may-1988	99	F	LT	5.000	UGG
4.5	17-may-1988	99	NA		213.000	UGG
9.5	17-may-1988	99	NA		206.000	UGG
14.5	17-may-1988	99	NA		96.300	UGG
19.5	17-may-1988	99	NA		68.500	UGG
24.5	17-may-1988	99	NA		45.400	UGG
29.5	17-may-1988	99	NA		97.500	UGG
39.5	17-may-1988	99	NA		187.000	UGG
49.5	17-may-1988	99	NA		431.000	UGG
4.5	17-may-1988	99	SO4	LT	12500.000	UGG
9.5	17-may-1988	99	SO4	LT	12500.000	UGG
14.5	17-may-1988	99	SO4	LT	12500.000	UGG
19.5	17-may-1988	99	SO4	LT	12500.000	UGG
24.5	17-may-1988	99	SO4	LT	12500.000	UGG
29.5	17-may-1988	99	SO4	LT	12500.000	UGG
39.5	17-may-1988	99	SO4	LT	12500.000	UGG
49.5	17-may-1988	99	SO4	LT	12500.000	UGG
49.5	17-may-1988	99	SO4	LT	12500.000	UGG
4.5	17-may-1988	JB08	HG	LT	0.100	UGG
9.5	17-may-1988	JB08	HG	LT	0.100	UGG
14.5	17-may-1988	JB08	HG	LT	0.100	UGG
19.5	17-may-1988	JB08	HG	LT	0.100	UGG
24.5	17-may-1988	JB08	HG	LT	0.100	UGG
29.5	17-may-1988	JB08	HG	LT	0.100	UGG
39.5	17-may-1988	JB08	HG	LT	0.100	UGG
49.5	17-may-1988	JB08	HG	LT	0.100	UGG
4.5	17-may-1988	JD01	AG	LT	0.648	UGG
9.5	17-may-1988	JD01	AG	LT	0.648	UGG
14.5	17-may-1988	JD01	AG	LT	0.648	UGG
19.5	17-may-1988	JD01	AG	LT	0.648	UGG
24.5	17-may-1988	JD01	AG	LT	0.648	UGG
29.5	17-may-1988	JD01	AG	LT	0.648	UGG
39.5	17-may-1988	JD01	AG	LT	0.648	UGG
49.5	17-may-1988	JD01	AG	LT	0.648	UGG
4.5	17-may-1988	JD01	AS		10.900	UGG
9.5	17-may-1988	JD01	AS	LT	5.700	UGG
14.5	17-may-1988	JD01	AS		15.800	UGG
19.5	17-may-1988	JD01	AS		10.700	UGG
24.5	17-may-1988	JD01	AS	LT	5.700	UGG
29.5	17-may-1988	JD01	AS	LT	5.700	UGG
39.5	17-may-1988	JD01	AS	LT	5.700	UGG
49.5	17-may-1988	JD01	AS	LT	5.700	UGG
4.5	17-may-1988	JD01	BE		0.470	UGG
9.5	17-may-1988	JD01	BE	LT	0.330	UGG
14.5	17-may-1988	JD01	BE		1.030	UGG
19.5	17-may-1988	JD01	BE		0.790	UGG

Site: BORE N-121-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	17-may-1988	JD01	BE	LT	0.330	UGG
29.5	17-may-1988	JD01	BE	LT	0.330	UGG
39.5	17-may-1988	JD01	BE	LT	0.330	UGG
49.5	17-may-1988	JD01	BE	LT	0.330	UGG
4.5	17-may-1988	JD01	CD	LT	0.700	UGG
9.5	17-may-1988	JD01	CD	LT	0.700	UGG
14.5	17-may-1988	JD01	CD	LT	0.700	UGG
19.5	17-may-1988	JD01	CD		1.060	UGG
24.5	17-may-1988	JD01	CD	LT	0.700	UGG
29.5	17-may-1988	JD01	CD	LT	0.700	UGG
39.5	17-may-1988	JD01	CD	LT	0.700	UGG
49.5	17-may-1988	JD01	CD	LT	0.700	UGG
4.5	17-may-1988	JD01	CR		45.900	UGG
9.5	17-may-1988	JD01	CR		5.430	UGG
14.5	17-may-1988	JD01	CR		70.000	UGG
19.5	17-may-1988	JD01	CR		62.000	UGG
24.5	17-may-1988	JD01	CR		6.870	UGG
29.5	17-may-1988	JD01	CR		5.960	UGG
39.5	17-may-1988	JD01	CR		7.470	UGG
49.5	17-may-1988	JD01	CR		10.600	UGG
4.5	17-may-1988	JD01	CU		33.800	UGG
9.5	17-may-1988	JD01	CU		6.500	UGG
14.5	17-may-1988	JD01	CU		41.700	UGG
19.5	17-may-1988	JD01	CU		51.000	UGG
24.5	17-may-1988	JD01	CU		4.750	UGG
29.5	17-may-1988	JD01	CU	LT	3.820	UGG
39.5	17-may-1988	JD01	CU	LT	3.820	UGG
49.5	17-may-1988	JD01	CU		6.570	UGG
4.5	17-may-1988	JD01	PB		10.600	UGG
9.5	17-may-1988	JD01	PB	LT	4.780	UGG
14.5	17-may-1988	JD01	PB		12.900	UGG
19.5	17-may-1988	JD01	PB		15.400	UGG
24.5	17-may-1988	JD01	PB	LT	4.780	UGG
29.5	17-may-1988	JD01	PB	LT	4.780	UGG
39.5	17-may-1988	JD01	PB	LT	4.780	UGG
49.5	17-may-1988	JD01	PB	LT	4.780	UGG
4.5	17-may-1988	JD01	SB	LT	25.300	UGG
9.5	17-may-1988	JD01	SB	LT	25.300	UGG
14.5	17-may-1988	JD01	SB	LT	25.300	UGG
19.5	17-may-1988	JD01	SB	LT	25.300	UGG
24.5	17-may-1988	JD01	SB	LT	25.300	UGG
29.5	17-may-1988	JD01	SB	LT	25.300	UGG
39.5	17-may-1988	JD01	SB	LT	25.300	UGG
49.5	17-may-1988	JD01	SB	LT	25.300	UGG
4.5	17-may-1988	JD01	SE	LT	2.100	UGG
9.5	17-may-1988	JD01	SE	LT	2.100	UGG
14.5	17-may-1988	JD01	SE	LT	2.100	UGG
19.5	17-may-1988	JD01	SE	LT	2.100	UGG

Site: BORE N-121-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	17-may-1988	JD01	SE	LT	2.100	UGG
29.5	17-may-1988	JD01	SE	LT	2.100	UGG
39.5	17-may-1988	JD01	SE	LT	2.100	UGG
49.5	17-may-1988	JD01	SE	LT	2.100	UGG
4.5	17-may-1988	JD01	TL	LT	7.930	UGG
9.5	17-may-1988	JD01	TL	LT	7.930	UGG
14.5	17-may-1988	JD01	TL	LT	7.930	UGG
19.5	17-may-1988	JD01	TL	LT	7.930	UGG
24.5	17-may-1988	JD01	TL	LT	7.930	UGG
29.5	17-may-1988	JD01	TL	LT	7.930	UGG
39.5	17-may-1988	JD01	TL	LT	7.930	UGG
49.5	17-may-1988	JD01	TL	LT	7.930	UGG
4.5	17-may-1988	JS07	NI	LT	4.800	UGG
9.5	17-may-1988	JS07	NI		7.520	UGG
14.5	17-may-1988	JS07	NI		6.520	UGG
19.5	17-may-1988	JS07	NI		5.250	UGG
24.5	17-may-1988	JS07	NI	LT	4.800	UGG
29.5	17-may-1988	JS07	NI	LT	4.800	UGG
39.5	17-may-1988	JS07	NI	LT	4.800	UGG
49.5	17-may-1988	JS07	NI		10.100	UGG
4.5	17-may-1988	JS07	ZN	LT	52.000	UGG
9.5	17-may-1988	JS07	ZN	LT	52.000	UGG
14.5	17-may-1988	JS07	ZN	LT	52.000	UGG
19.5	17-may-1988	JS07	ZN	LT	52.000	UGG
24.5	17-may-1988	JS07	ZN	LT	52.000	UGG
29.5	17-may-1988	JS07	ZN	LT	52.000	UGG
39.5	17-may-1988	JS07	ZN	LT	52.000	UGG
49.5	17-may-1988	JS07	ZN	LT	52.000	UGG
4.5	17-may-1988	KF02	NIT	LT	500.000	UGG
9.5	17-may-1988	KF02	NIT	LT	500.000	UGG
14.5	17-may-1988	KF02	NIT	LT	500.000	UGG
19.5	17-may-1988	KF02	NIT	LT	500.000	UGG
24.5	17-may-1988	KF02	NIT	LT	500.000	UGG
29.5	17-may-1988	KF02	NIT	LT	500.000	UGG
39.5	17-may-1988	KF02	NIT	LT	500.000	UGG
49.5	17-may-1988	KF02	NIT	LT	500.000	UGG
4.5	17-may-1988	LW02	135TNB	LT	1.800	UGG
9.5	17-may-1988	LW02	135TNB	LT	1.900	UGG
14.5	17-may-1988	LW02	135TNB	LT	1.800	UGG
19.5	17-may-1988	LW02	135TNB	LT	1.700	UGG
24.5	17-may-1988	LW02	135TNB	LT	1.700	UGG
29.5	17-may-1988	LW02	135TNB	LT	1.700	UGG
39.5	17-may-1988	LW02	135TNB	LT	1.700	UGG
49.5	17-may-1988	LW02	135TNB	LT	1.900	UGG
4.5	17-may-1988	LW02	13DNB	LT	0.570	UGG

Site: BORE N-121-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
9.5	17-may-1988	LW02	13DNB	LT	0.600	UGG
14.5	17-may-1988	LW02	13DNB	LT	0.580	UGG
19.5	17-may-1988	LW02	13DNB	LT	0.550	UGG
24.5	17-may-1988	LW02	13DNB	LT	0.540	UGG
29.5	17-may-1988	LW02	13DNB	LT	0.550	UGG
39.5	17-may-1988	LW02	13DNB	LT	0.560	UGG
49.5	17-may-1988	LW02	13DNB	LT	0.620	UGG
4.5	17-may-1988	LW02	246TNT	LT	1.900	UGG
9.5	17-may-1988	LW02	246TNT	LT	2.000	UGG
14.5	17-may-1988	LW02	246TNT	LT	1.900	UGG
19.5	17-may-1988	LW02	246TNT	LT	1.800	UGG
24.5	17-may-1988	LW02	246TNT	LT	1.700	UGG
29.5	17-may-1988	LW02	246TNT	LT	1.800	UGG
39.5	17-may-1988	LW02	246TNT	LT	1.800	UGG
49.5	17-may-1988	LW02	246TNT	LT	2.000	UGG
4.5	17-may-1988	LW02	24DNT	LT	0.410	UGG
9.5	17-may-1988	LW02	24DNT	LT	0.430	UGG
14.5	17-may-1988	LW02	24DNT	LT	0.420	UGG
19.5	17-may-1988	LW02	24DNT	LT	0.390	UGG
24.5	17-may-1988	LW02	24DNT	LT	0.380	UGG
29.5	17-may-1988	LW02	24DNT	LT	0.390	UGG
39.5	17-may-1988	LW02	24DNT	LT	0.400	UGG
49.5	17-may-1988	LW02	24DNT	LT	0.440	UGG
4.5	17-may-1988	LW02	26DNT	LT	0.390	UGG
9.5	17-may-1988	LW02	26DNT	LT	0.410	UGG
14.5	17-may-1988	LW02	26DNT	LT	0.400	UGG
19.5	17-may-1988	LW02	26DNT	LT	0.380	UGG
24.5	17-may-1988	LW02	26DNT	LT	0.360	UGG
29.5	17-may-1988	LW02	26DNT	LT	0.370	UGG
39.5	17-may-1988	LW02	26DNT	LT	0.380	UGG
49.5	17-may-1988	LW02	26DNT	LT	0.420	UGG
4.5	17-may-1988	LW02	HMX	LT	1.200	UGG
9.5	17-may-1988	LW02	HMX	LT	1.300	UGG
14.5	17-may-1988	LW02	HMX	LT	1.300	UGG
19.5	17-may-1988	LW02	HMX	LT	1.200	UGG
24.5	17-may-1988	LW02	HMX	LT	1.200	UGG
29.5	17-may-1988	LW02	HMX	LT	1.200	UGG
39.5	17-may-1988	LW02	HMX	LT	1.200	UGG
49.5	17-may-1988	LW02	HMX	LT	1.300	UGG
4.5	17-may-1988	LW02	NB	LT	0.410	UGG
9.5	17-may-1988	LW02	NB	LT	0.440	UGG
14.5	17-may-1988	LW02	NB	LT	0.420	UGG
19.5	17-may-1988	LW02	NB	LT	0.400	UGG
24.5	17-may-1988	LW02	NB	LT	0.390	UGG
29.5	17-may-1988	LW02	NB	LT	0.400	UGG
39.5	17-may-1988	LW02	NB	LT	0.400	UGG
49.5	17-may-1988	LW02	NB	LT	0.450	UGG
4.5	17-may-1988	LW02	RDX	LT	0.870	UGG

Site: BORE N-121-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
9.5	17-may-1988	LW02	RDX	LT	0.920	UGG
14.5	17-may-1988	LW02	RDX	LT	0.900	UGG
19.5	17-may-1988	LW02	RDX	LT	0.850	UGG
24.5	17-may-1988	LW02	RDX	LT	0.830	UGG
29.5	17-may-1988	LW02	RDX	LT	0.840	UGG
39.5	17-may-1988	LW02	RDX	LT	0.860	UGG
49.5	17-may-1988	LW02	RDX	LT	0.950	UGG
4.5	17-may-1988	LW02	TETRYL	LT	0.270	UGG
9.5	17-may-1988	LW02	TETRYL	LT	0.280	UGG
14.5	17-may-1988	LW02	TETRYL	LT	0.270	UGG
19.5	17-may-1988	LW02	TETRYL	LT	0.260	UGG
24.5	17-may-1988	LW02	TETRYL	LT	0.250	UGG
29.5	17-may-1988	LW02	TETRYL	LT	0.260	UGG
39.5	17-may-1988	LW02	TETRYL	LT	0.260	UGG
49.5	17-may-1988	LW02	TETRYL	LT	0.290	UGG

Site: BORE N-122-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	18-may-1988	99	BR	LT	12500.000	UGG
29.5	18-may-1988	99	BR	LT	12500.000	UGG
39.5	18-may-1988	99	BR	LT	12500.000	UGG
49.5	18-may-1988	99	BR	LT	12500.000	UGG
4.4	18-may-1988	99	BR	LT	25000.000	UGG
9.5	18-may-1988	99	BR	LT	25000.000	UGG
1.4	18-may-1988	99	BR	LT	25000.000	UGG
1.9	18-may-1988	99	BR	LT	25000.000	UGG
4.5	18-may-1988	99	BR	LT	125000.000	UGG
9.5	18-may-1988	99	BR	LT	125000.000	UGG
14.5	18-may-1988	99	BR	LT	125000.000	UGG
19.5	18-may-1988	99	BR	LT	125000.000	UGG
24.5	18-may-1988	99	CL	LT	12500.000	UGG
29.5	18-may-1988	99	CL	LT	12500.000	UGG
39.5	18-may-1988	99	CL	LT	12500.000	UGG
49.5	18-may-1988	99	CL	LT	12500.000	UGG
4.4	18-may-1988	99	CL	LT	25000.000	UGG
9.5	18-may-1988	99	CL	LT	25000.000	UGG
1.4	18-may-1988	99	CL	LT	25000.000	UGG
1.9	18-may-1988	99	CL	LT	25000.000	UGG
4.5	18-may-1988	99	CL	LT	125000.000	UGG
9.5	18-may-1988	99	CL	LT	125000.000	UGG
14.5	18-may-1988	99	CL	LT	125000.000	UGG
19.5	18-may-1988	99	CL	LT	125000.000	UGG
4.5	18-may-1988	99	F	LT	5.000	UGG
9.5	18-may-1988	99	F	LT	5.000	UGG

Site: BORE N-122-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
14.5	18-may-1988	99	F	LT	5.000	UGG
19.5	18-may-1988	99	F	LT	5.000	UGG
24.5	18-may-1988	99	F	LT	5.000	UGG
29.5	18-may-1988	99	F	LT	5.000	UGG
39.5	18-may-1988	99	F	LT	5.000	UGG
49.5	18-may-1988	99	F	LT	5.000	UGG
4.5	18-may-1988	99	NA		138.000	UGG
9.5	18-may-1988	99	NA		78.400	UGG
14.5	18-may-1988	99	NA		102.000	UGG
19.5	18-may-1988	99	NA		56.800	UGG
24.5	18-may-1988	99	NA		97.600	UGG
29.5	18-may-1988	99	NA		127.000	UGG
39.5	18-may-1988	99	NA		394.000	UGG
49.5	18-may-1988	99	NA		627.000	UGG
4.5	18-may-1988	99	SO4	LT	12500.000	UGG
9.5	18-may-1988	99	SO4	LT	12500.000	UGG
14.5	18-may-1988	99	SO4	LT	12500.000	UGG
19.5	18-may-1988	99	SO4	LT	12500.000	UGG
4.5	18-may-1988	JB08	HG	LT	0.100	UGG
9.5	18-may-1988	JB08	HG	LT	0.100	UGG
14.5	18-may-1988	JB08	HG	LT	0.100	UGG
19.5	18-may-1988	JB08	HG	LT	0.100	UGG
24.5	18-may-1988	JB08	HG	LT	0.100	UGG
29.5	18-may-1988	JB08	HG	LT	0.100	UGG
39.5	18-may-1988	JB08	HG	LT	0.100	UGG
49.5	18-may-1988	JB08	HG	LT	0.100	UGG
4.5	18-may-1988	JD01	AG	LT	0.648	UGG
9.5	18-may-1988	JD01	AG	LT	0.648	UGG
14.5	18-may-1988	JD01	AG	LT	0.648	UGG
19.5	18-may-1988	JD01	AG	LT	0.648	UGG
24.5	18-may-1988	JD01	AG	LT	0.648	UGG
29.5	18-may-1988	JD01	AG	LT	0.648	UGG
39.5	18-may-1988	JD01	AG	LT	0.648	UGG
49.5	18-may-1988	JD01	AG	LT	0.648	UGG
4.5	18-may-1988	JD01	AS	LT	5.700	UGG
9.5	18-may-1988	JD01	AS	LT	5.700	UGG
14.5	18-may-1988	JD01	AS	LT	5.700	UGG
19.5	18-may-1988	JD01	AS	LT	5.700	UGG
24.5	18-may-1988	JD01	AS	LT	5.700	UGG
29.5	18-may-1988	JD01	AS	LT	5.700	UGG
39.5	18-may-1988	JD01	AS	LT	5.700	UGG
49.5	18-may-1988	JD01	AS	LT	5.700	UGG
4.5	18-may-1988	JD01	BE	LT	0.330	UGG
9.5	18-may-1988	JD01	BE	LT	0.330	UGG
14.5	18-may-1988	JD01	BE	LT	0.330	UGG
19.5	18-may-1988	JD01	BE	LT	0.330	UGG

Site: BORE N-122-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	18-may-1988	JD01	BE	LT	0.330	UGG
29.5	18-may-1988	JD01	BE	LT	0.330	UGG
39.5	18-may-1988	JD01	BE	LT	0.330	UGG
49.5	18-may-1988	JD01	BE		0.337	UGG
4.5	18-may-1988	JD01	CD	LT	0.700	UGG
9.5	18-may-1988	JD01	CD	LT	0.700	UGG
14.5	18-may-1988	JD01	CD	LT	0.700	UGG
19.5	18-may-1988	JD01	CD	LT	0.700	UGG
24.5	18-may-1988	JD01	CD	LT	0.700	UGG
29.5	18-may-1988	JD01	CD	LT	0.700	UGG
39.5	18-may-1988	JD01	CD	LT	0.700	UGG
49.5	18-may-1988	JD01	CD	LT	0.700	UGG
4.5	18-may-1988	JD01	CR		11.500	UGG
9.5	18-may-1988	JD01	CR		11.000	UGG
14.5	18-may-1988	JD01	CR		13.600	UGG
19.5	18-may-1988	JD01	CR		6.900	UGG
24.5	18-may-1988	JD01	CR		10.100	UGG
29.5	18-may-1988	JD01	CR		9.640	UGG
39.5	18-may-1988	JD01	CR		8.350	UGG
49.5	18-may-1988	JD01	CR		15.100	UGG
4.5	18-may-1988	JD01	CU		6.930	UGG
9.5	18-may-1988	JD01	CU		10.100	UGG
14.5	18-may-1988	JD01	CU		8.300	UGG
19.5	18-may-1988	JD01	CU	LT	3.820	UGG
24.5	18-may-1988	JD01	CU	LT	3.820	UGG
29.5	18-may-1988	JD01	CU	LT	3.820	UGG
39.5	18-may-1988	JD01	CU		6.720	UGG
49.5	18-may-1988	JD01	CU		8.360	UGG
4.5	18-may-1988	JD01	PB	LT	4.780	UGG
9.5	18-may-1988	JD01	PB	LT	4.780	UGG
14.5	18-may-1988	JD01	PB	LT	4.780	UGG
19.5	18-may-1988	JD01	PB	LT	4.780	UGG
24.5	18-may-1988	JD01	PB	LT	4.780	UGG
29.5	18-may-1988	JD01	PB	LT	4.780	UGG
39.5	18-may-1988	JD01	PB	LT	4.780	UGG
49.5	18-may-1988	JD01	PB	LT	4.780	UGG
4.5	18-may-1988	JD01	SB	LT	25.300	UGG
9.5	18-may-1988	JD01	SB	LT	25.300	UGG
14.5	18-may-1988	JD01	SB	LT	25.300	UGG
19.5	18-may-1988	JD01	SB	LT	25.300	UGG
24.5	18-may-1988	JD01	SB	LT	25.300	UGG
29.5	18-may-1988	JD01	SB	LT	25.300	UGG
39.5	18-may-1988	JD01	SB	LT	25.300	UGG
49.5	18-may-1988	JD01	SB	LT	25.300	UGG
4.5	18-may-1988	JD01	SE	LT	2.100	UGG
9.5	18-may-1988	JD01	SE	LT	2.100	UGG
14.5	18-may-1988	JD01	SE	LT	2.100	UGG
19.5	18-may-1988	JD01	SE	LT	2.100	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-122-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	18-may-1988	JD01	SE	LT	2.100	UGG
29.5	18-may-1988	JD01	SE	LT	2.100	UGG
39.5	18-may-1988	JD01	SE	LT	2.100	UGG
49.5	18-may-1988	JD01	SE	LT	2.100	UGG
4.5	18-may-1988	JD01	TL	LT	7.930	UGG
9.5	18-may-1988	JD01	TL	LT	7.930	UGG
14.5	18-may-1988	JD01	TL	LT	7.930	UGG
19.5	18-may-1988	JD01	TL	LT	7.930	UGG
24.5	18-may-1988	JD01	TL	LT	7.930	UGG
29.5	18-may-1988	JD01	TL	LT	7.930	UGG
39.5	18-may-1988	JD01	TL	LT	7.930	UGG
49.5	18-may-1988	JD01	TL	LT	7.930	UGG
4.5	18-may-1988	JS07	NI		14.900	UGG
9.5	18-may-1988	JS07	NI		7.400	UGG
14.5	18-may-1988	JS07	NI		15.600	UGG
19.5	18-may-1988	JS07	NI	LT	4.800	UGG
24.5	18-may-1988	JS07	NI	LT	4.800	UGG
29.5	18-may-1988	JS07	NI		5.700	UGG
39.5	18-may-1988	JS07	NI		8.060	UGG
49.5	18-may-1988	JS07	NI		12.700	UGG
4.5	18-may-1988	JS07	ZN	LT	52.000	UGG
9.5	18-may-1988	JS07	ZN	LT	52.000	UGG
14.5	18-may-1988	JS07	ZN	LT	52.000	UGG
19.5	18-may-1988	JS07	ZN	LT	52.000	UGG
24.5	18-may-1988	JS07	ZN	LT	52.000	UGG
29.5	18-may-1988	JS07	ZN	LT	52.000	UGG
39.5	18-may-1988	JS07	ZN	LT	52.000	UGG
49.5	18-may-1988	JS07	ZN	LT	52.000	UGG
4.5	18-may-1988	KF02	NIT	LT	500.000	UGG
9.5	18-may-1988	KF02	NIT	LT	500.000	UGG
14.5	18-may-1988	KF02	NIT	LT	500.000	UGG
19.5	18-may-1988	KF02	NIT	LT	500.000	UGG
24.5	18-may-1988	KF02	NIT	LT	500.000	UGG
29.5	18-may-1988	KF02	NIT	LT	500.000	UGG
39.5	18-may-1988	KF02	NIT	LT	500.000	UGG
49.5	18-may-1988	KF02	NIT	LT	500.000	UGG
24.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
29.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
39.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
49.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
4.5	18-may-1988	LW02	135TNB	LT	1.800	UGG
9.5	18-may-1988	LW02	135TNB	LT	1.800	UGG
14.5	18-may-1988	LW02	135TNB	LT	1.800	UGG
19.5	18-may-1988	LW02	135TNB	LT	1.700	UGG

Site: BORE N-122-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	18-may-1988	LW02	135TNB	LT	1.800	UGG
29.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
39.5	18-may-1988	LW02	135TNB	LT	2.000	UGG
49.5	18-may-1988	LW02	135TNB	LT	1.900	UGG
4.5	18-may-1988	LW02	13DNB	LT	0.570	UGG
9.5	18-may-1988	LW02	13DNB	LT	0.570	UGG
14.5	18-may-1988	LW02	13DNB	LT	0.570	UGG
19.5	18-may-1988	LW02	13DNB	LT	0.550	UGG
24.5	18-may-1988	LW02	13DNB	LT	0.560	UGG
29.5	18-may-1988	LW02	13DNB	LT	0.550	UGG
39.5	18-may-1988	LW02	13DNB	LT	0.630	UGG
49.5	18-may-1988	LW02	13DNB	LT	0.620	UGG
4.5	18-may-1988	LW02	246TNT	LT	1.900	UGG
9.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
14.5	18-may-1988	LW02	246TNT	LT	1.900	UGG
19.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
24.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
29.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
39.5	18-may-1988	LW02	246TNT	LT	2.100	UGG
49.5	18-may-1988	LW02	246TNT	LT	2.000	UGG
4.5	18-may-1988	LW02	24DNT	LT	0.410	UGG
9.5	18-may-1988	LW02	24DNT	LT	0.400	UGG
14.5	18-may-1988	LW02	24DNT	LT	0.410	UGG
19.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
24.5	18-may-1988	LW02	24DNT	LT	0.400	UGG
29.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
39.5	18-may-1988	LW02	24DNT	LT	0.450	UGG
49.5	18-may-1988	LW02	24DNT	LT	0.440	UGG
4.5	18-may-1988	LW02	26DNT	LT	0.390	UGG
9.5	18-may-1988	LW02	26DNT	LT	0.380	UGG
14.5	18-may-1988	LW02	26DNT	LT	0.390	UGG
19.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
24.5	18-may-1988	LW02	26DNT	LT	0.380	UGG
29.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
39.5	18-may-1988	LW02	26DNT	LT	0.430	UGG
49.5	18-may-1988	LW02	26DNT	LT	0.420	UGG
4.5	18-may-1988	LW02	HMX	LT	1.200	UGG
9.5	18-may-1988	LW02	HMX	LT	1.200	UGG
14.5	18-may-1988	LW02	HMX	LT	1.200	UGG
19.5	18-may-1988	LW02	HMX	LT	1.200	UGG
24.5	18-may-1988	LW02	HMX	LT	1.200	UGG
29.5	18-may-1988	LW02	HMX	LT	1.200	UGG
39.5	18-may-1988	LW02	HMX	LT	1.400	UGG
49.5	18-may-1988	LW02	HMX	LT	1.300	UGG
4.5	18-may-1988	LW02	NB	LT	0.410	UGG
9.5	18-may-1988	LW02	NB	LT	0.410	UGG
14.5	18-may-1988	LW02	NB	LT	0.410	UGG
19.5	18-may-1988	LW02	NB	LT	0.400	UGG

Site: BORE N-122-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
24.5	18-may-1988	LW02	NB	LT	0.410	UGG
29.5	18-may-1988	LW02	NB	LT	0.400	UGG
39.5	18-may-1988	LW02	NB	LT	0.460	UGG
49.5	18-may-1988	LW02	NB	LT	0.450	UGG
4.5	18-may-1988	LW02	RDX	LT	0.880	UGG
9.5	18-may-1988	LW02	RDX	LT	0.870	UGG
14.5	18-may-1988	LW02	RDX	LT	0.880	UGG
19.5	18-may-1988	LW02	RDX	LT	0.840	UGG
24.5	18-may-1988	LW02	RDX	LT	0.860	UGG
29.5	18-may-1988	LW02	RDX	LT	0.840	UGG
39.5	18-may-1988	LW02	RDX	LT	0.970	UGG
49.5	18-may-1988	LW02	RDX	LT	0.950	UGG
4.5	18-may-1988	LW02	TETRYL	LT	0.270	UGG
9.5	18-may-1988	LW02	TETRYL	LT	0.270	UGG
14.5	18-may-1988	LW02	TETRYL	LT	0.270	UGG
19.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
24.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
29.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
39.5	18-may-1988	LW02	TETRYL	LT	0.300	UGG
49.5	18-may-1988	LW02	TETRYL	LT	0.290	UGG

Site: BORE N-123-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
4.5	18-may-1988	99	BR	LT	12500.000	UGG
9.5	18-may-1988	99	BR	LT	12500.000	UGG
14.5	18-may-1988	99	BR	LT	12500.000	UGG
19.5	18-may-1988	99	BR	LT	12500.000	UGG
24.5	18-may-1988	99	BR	LT	12500.000	UGG
29.5	18-may-1988	99	BR	LT	12500.000	UGG
39.5	18-may-1988	99	BR	LT	12500.000	UGG
49.5	18-may-1988	99	BR	LT	12500.000	UGG
4.5	18-may-1988	99	CL	LT	12500.000	UGG
9.5	18-may-1988	99	CL	LT	12500.000	UGG
14.5	18-may-1988	99	CL	LT	12500.000	UGG
19.5	18-may-1988	99	CL	LT	12500.000	UGG
24.5	18-may-1988	99	CL	LT	12500.000	UGG
29.5	18-may-1988	99	CL	LT	12500.000	UGG
39.5	18-may-1988	99	CL	LT	12500.000	UGG
49.5	18-may-1988	99	CL	LT	12500.000	UGG
4.5	18-may-1988	99	F	LT	5.000	UGG
9.5	18-may-1988	99	F	LT	5.000	UGG
14.5	18-may-1988	99	F	LT	5.000	UGG
19.5	18-may-1988	99	F	LT	5.000	UGG
24.5	18-may-1988	99	F	LT	5.000	UGG

Site: BORE N-123-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
29.5	18-may-1988	99	F	LT	5.000	UGG
39.5	18-may-1988	99	F	LT	5.000	UGG
49.5	18-may-1988	99	F	LT	5.000	UGG
4.5	18-may-1988	99	NA		66.200	UGG
9.5	18-may-1988	99	NA		97.900	UGG
14.5	18-may-1988	99	NA		97.000	UGG
19.5	18-may-1988	99	NA		79.700	UGG
24.5	18-may-1988	99	NA		96.100	UGG
29.5	18-may-1988	99	NA		80.000	UGG
39.5	18-may-1988	99	NA		163.000	UGG
49.5	18-may-1988	99	NA		606.000	UGG
4.5	18-may-1988	JB08	HG	LT	0.100	UGG
9.5	18-may-1988	JB08	HG	LT	0.100	UGG
14.5	18-may-1988	JB08	HG	LT	0.100	UGG
19.5	18-may-1988	JB08	HG	LT	0.100	UGG
24.5	18-may-1988	JB08	HG	LT	0.100	UGG
29.5	18-may-1988	JB08	HG	LT	0.100	UGG
39.5	18-may-1988	JB08	HG	LT	0.100	UGG
49.5	18-may-1988	JB08	HG	LT	0.100	UGG
4.5	18-may-1988	JD01	AG	LT	0.648	UGG
9.5	18-may-1988	JD01	AG	LT	0.648	UGG
14.5	18-may-1988	JD01	AG	LT	0.648	UGG
19.5	18-may-1988	JD01	AG	LT	0.648	UGG
24.5	18-may-1988	JD01	AG	LT	0.648	UGG
29.5	18-may-1988	JD01	AG	LT	0.648	UGG
39.5	18-may-1988	JD01	AG	LT	0.648	UGG
49.5	18-may-1988	JD01	AG	LT	0.648	UGG
4.5	18-may-1988	JD01	AS	LT	5.700	UGG
9.5	18-may-1988	JD01	AS	LT	5.700	UGG
14.5	18-may-1988	JD01	AS	LT	5.700	UGG
19.5	18-may-1988	JD01	AS	LT	5.700	UGG
24.5	18-may-1988	JD01	AS	LT	5.700	UGG
29.5	18-may-1988	JD01	AS	LT	5.700	UGG
39.5	18-may-1988	JD01	AS	LT	5.700	UGG
49.5	18-may-1988	JD01	AS	LT	5.700	UGG
4.5	18-may-1988	JD01	BE	LT	0.330	UGG
9.5	18-may-1988	JD01	BE	LT	0.330	UGG
14.5	18-may-1988	JD01	BE	LT	0.330	UGG
19.5	18-may-1988	JD01	BE	LT	0.330	UGG
24.5	18-may-1988	JD01	BE	LT	0.330	UGG
29.5	18-may-1988	JD01	BE	LT	0.330	UGG
39.5	18-may-1988	JD01	BE	LT	0.330	UGG
49.5	18-may-1988	JD01	BE		0.419	UGG
4.5	18-may-1988	JD01	CD	LT	0.700	UGG
9.5	18-may-1988	JD01	CD	LT	0.700	UGG
14.5	18-may-1988	JD01	CD	LT	0.700	UGG

Site: BORE N-123-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
19.5	18-may-1988	JD01	CD	LT	0.700	UGG
24.5	18-may-1988	JD01	CD	LT	0.700	UGG
29.5	18-may-1988	JD01	CD	LT	0.700	UGG
39.5	18-may-1988	JD01	CD	LT	0.700	UGG
49.5	18-may-1988	JD01	CD	LT	0.700	UGG
4.5	18-may-1988	JD01	CR	LT	2.500	UGG
9.5	18-may-1988	JD01	CR	LT	2.500	UGG
14.5	18-may-1988	JD01	CR	LT	2.500	UGG
19.5	18-may-1988	JD01	CR	LT	2.500	UGG
24.5	18-may-1988	JD01	CR		6.030	UGG
29.5	18-may-1988	JD01	CR		4.330	UGG
39.5	18-may-1988	JD01	CR		6.450	UGG
49.5	18-may-1988	JD01	CR		13.500	UGG
4.5	18-may-1988	JD01	CU	LT	3.820	UGG
9.5	18-may-1988	JD01	CU	LT	3.820	UGG
14.5	18-may-1988	JD01	CU	LT	3.820	UGG
19.5	18-may-1988	JD01	CU	LT	3.820	UGG
24.5	18-may-1988	JD01	CU		6.380	UGG
29.5	18-may-1988	JD01	CU	LT	3.820	UGG
39.5	18-may-1988	JD01	CU		6.880	UGG
49.5	18-may-1988	JD01	CU		8.830	UGG
4.5	18-may-1988	JD01	PB	LT	4.780	UGG
9.5	18-may-1988	JD01	PB	LT	4.780	UGG
14.5	18-may-1988	JD01	PB	LT	4.780	UGG
19.5	18-may-1988	JD01	PB		10.100	UGG
24.5	18-may-1988	JD01	PB	LT	4.780	UGG
29.5	18-may-1988	JD01	PB	LT	4.780	UGG
39.5	18-may-1988	JD01	PB	LT	4.780	UGG
49.5	18-may-1988	JD01	PB	LT	4.780	UGG
4.5	18-may-1988	JD01	SB	LT	25.300	UGG
9.5	18-may-1988	JD01	SB	LT	25.300	UGG
14.5	18-may-1988	JD01	SB	LT	25.300	UGG
19.5	18-may-1988	JD01	SB	LT	25.300	UGG
24.5	18-may-1988	JD01	SB	LT	25.300	UGG
29.5	18-may-1988	JD01	SB	LT	25.300	UGG
39.5	18-may-1988	JD01	SB	LT	25.300	UGG
49.5	18-may-1988	JD01	SB	LT	25.300	UGG
4.5	18-may-1988	JD01	SE	LT	2.100	UGG
9.5	18-may-1988	JD01	SE	LT	2.100	UGG
14.5	18-may-1988	JD01	SE	LT	2.100	UGG
19.5	18-may-1988	JD01	SE	LT	2.100	UGG
24.5	18-may-1988	JD01	SE	LT	2.100	UGG
29.5	18-may-1988	JD01	SE	LT	2.100	UGG
39.5	18-may-1988	JD01	SE	LT	2.100	UGG
49.5	18-may-1988	JD01	SE	LT	2.100	UGG
4.5	18-may-1988	JD01	TL	LT	7.930	UGG
9.5	18-may-1988	JD01	TL	LT	7.930	UGG
14.5	18-may-1988	JD01	TL	LT	7.930	UGG

Site: BORE N-123-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
19.5	18-may-1988	JD01	TL	LT	7.930	UGG
24.5	18-may-1988	JD01	TL	LT	7.930	UGG
29.5	18-may-1988	JD01	TL	LT	7.930	UGG
39.5	18-may-1988	JD01	TL	LT	7.930	UGG
49.5	18-may-1988	JD01	TL	LT	7.930	UGG
4.5	18-may-1988	JS07	NI	LT	4.800	UGG
9.5	18-may-1988	JS07	NI		8.180	UGG
14.5	18-may-1988	JS07	NI	LT	4.800	UGG
19.5	18-may-1988	JS07	NI		44.500	UGG
24.5	18-may-1988	JS07	NI	LT	4.800	UGG
29.5	18-may-1988	JS07	NI	LT	4.800	UGG
39.5	18-may-1988	JS07	NI		10.500	UGG
49.5	18-may-1988	JS07	NI		13.500	UGG
4.5	18-may-1988	JS07	ZN	LT	52.000	UGG
9.5	18-may-1988	JS07	ZN	LT	52.000	UGG
14.5	18-may-1988	JS07	ZN	LT	52.000	UGG
19.5	18-may-1988	JS07	ZN	LT	52.000	UGG
24.5	18-may-1988	JS07	ZN	LT	52.000	UGG
29.5	18-may-1988	JS07	ZN	LT	52.000	UGG
39.5	18-may-1988	JS07	ZN	LT	52.000	UGG
49.5	18-may-1988	JS07	ZN	LT	52.000	UGG
4.5	18-may-1988	KF02	NIT	LT	500.000	UGG
9.5	18-may-1988	KF02	NIT	LT	500.000	UGG
14.5	18-may-1988	KF02	NIT	LT	500.000	UGG
19.5	18-may-1988	KF02	NIT	LT	500.000	UGG
24.5	18-may-1988	KF02	NIT	LT	500.000	UGG
29.5	18-may-1988	KF02	NIT	LT	500.000	UGG
39.5	18-may-1988	KF02	NIT	LT	500.000	UGG
49.5	18-may-1988	KF02	NIT	LT	500.000	UGG
4.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
9.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
14.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
19.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
24.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
29.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
29.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
39.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
49.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
4.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
9.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
14.5	18-may-1988	LW02	135TNB	LT	1.800	UGG
19.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
24.5	18-may-1988	LW02	135TNB	LT	1.800	UGG
29.5	18-may-1988	LW02	135TNB	LT	1.700	UGG

Site: BORE N-123-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
39.5	18-may-1988	LW02	135TNB	LT	1.900	UGG
49.5	18-may-1988	LW02	135TNB	LT	2.000	UGG
4.5	18-may-1988	LW02	13DNB	LT	0.550	UGG
9.5	18-may-1988	LW02	13DNB	LT	0.550	UGG
14.5	18-may-1988	LW02	13DNB	LT	0.570	UGG
19.5	18-may-1988	LW02	13DNB	LT	0.560	UGG
24.5	18-may-1988	LW02	13DNB	LT	0.580	UGG
29.5	18-may-1988	LW02	13DNB	LT	0.550	UGG
39.5	18-may-1988	LW02	13DNB	LT	0.620	UGG
49.5	18-may-1988	LW02	13DNB	LT	0.650	UGG
4.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
9.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
14.5	18-may-1988	LW02	246TNT	LT	1.900	UGG
19.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
24.5	18-may-1988	LW02	246TNT	LT	1.900	UGG
29.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
39.5	18-may-1988	LW02	246TNT	LT	2.000	UGG
49.5	18-may-1988	LW02	246TNT	LT	2.100	UGG
4.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
9.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
14.5	18-may-1988	LW02	24DNT	LT	0.410	UGG
19.5	18-may-1988	LW02	24DNT	LT	0.400	UGG
24.5	18-may-1988	LW02	24DNT	LT	0.410	UGG
29.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
39.5	18-may-1988	LW02	24DNT	LT	0.440	UGG
49.5	18-may-1988	LW02	24DNT	LT	0.460	UGG
4.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
9.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
14.5	18-may-1988	LW02	26DNT	LT	0.390	UGG
19.5	18-may-1988	LW02	26DNT	LT	0.380	UGG
24.5	18-may-1988	LW02	26DNT	LT	0.390	UGG
29.5	18-may-1988	LW02	26DNT	LT	0.380	UGG
39.5	18-may-1988	LW02	26DNT	LT	0.420	UGG
49.5	18-may-1988	LW02	26DNT	LT	0.440	UGG
4.5	18-may-1988	LW02	HMX	LT	1.200	UGG
9.5	18-may-1988	LW02	HMX	LT	1.200	UGG
14.5	18-may-1988	LW02	HMX	LT	1.200	UGG
19.5	18-may-1988	LW02	HMX	LT	1.200	UGG
24.5	18-may-1988	LW02	HMX	LT	1.300	UGG
29.5	18-may-1988	LW02	HMX	LT	1.200	UGG
39.5	18-may-1988	LW02	HMX	LT	1.400	UGG
49.5	18-may-1988	LW02	HMX	LT	1.400	UGG
4.5	18-may-1988	LW02	NB	LT	0.400	UGG
9.5	18-may-1988	LW02	NB	LT	0.400	UGG
14.5	18-may-1988	LW02	NB	LT	0.410	UGG
19.5	18-may-1988	LW02	NB	LT	0.400	UGG
24.5	18-may-1988	LW02	NB	LT	0.420	UGG
29.5	18-may-1988	LW02	NB	LT	0.400	UGG

Site: BORE N-123-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
39.5	18-may-1988	LW02	NB	LT	0.450	UGG
49.5	18-may-1988	LW02	NB	LT	0.470	UGG
4.5	18-may-1988	LW02	RDX	LT	0.840	UGG
9.5	18-may-1988	LW02	RDX	LT	0.850	UGG
14.5	18-may-1988	LW02	RDX	LT	0.870	UGG
19.5	18-may-1988	LW02	RDX	LT	0.850	UGG
24.5	18-may-1988	LW02	RDX	LT	0.890	UGG
29.5	18-may-1988	LW02	RDX	LT	0.850	UGG
39.5	18-may-1988	LW02	RDX	LT	0.960	UGG
49.5	18-may-1988	LW02	RDX	LT	1.000	UGG
4.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
9.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
14.5	18-may-1988	LW02	TETRYL	LT	0.270	UGG
19.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
24.5	18-may-1988	LW02	TETRYL	LT	0.270	UGG
29.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
39.5	18-may-1988	LW02	TETRYL	LT	0.290	UGG
49.5	18-may-1988	LW02	TETRYL	LT	0.310	UGG

Site: BORE N-124-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
4.5	18-may-1988	99	BR	LT	12500.000	UGG
9.5	18-may-1988	99	BR	LT	12500.000	UGG
14.5	18-may-1988	99	BR	LT	12500.000	UGG
19.5	18-may-1988	99	BR	LT	12500.000	UGG
24.5	18-may-1988	99	BR	LT	12500.000	UGG
29.5	18-may-1988	99	BR	LT	12500.000	UGG
39.5	18-may-1988	99	BR	LT	12500.000	UGG
49.5	18-may-1988	99	BR	LT	12500.000	UGG
4.5	18-may-1988	99	CL	LT	12500.000	UGG
9.5	18-may-1988	99	CL	LT	12500.000	UGG
14.5	18-may-1988	99	CL	LT	12500.000	UGG
19.5	18-may-1988	99	CL	LT	12500.000	UGG
24.5	18-may-1988	99	CL	LT	12500.000	UGG
29.5	18-may-1988	99	CL	LT	12500.000	UGG
39.5	18-may-1988	99	CL	LT	12500.000	UGG
49.5	18-may-1988	99	CL	LT	12500.000	UGG
4.5	18-may-1988	99	F	LT	5.000	UGG
9.5	18-may-1988	99	F	LT	5.000	UGG
14.5	18-may-1988	99	F	LT	5.000	UGG
19.5	18-may-1988	99	F	LT	5.000	UGG
24.5	18-may-1988	99	F	LT	5.000	UGG
29.5	18-may-1988	99	F	LT	5.000	UGG
39.5	18-may-1988	99	F	LT	5.000	UGG

Site: BORE N-124-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
49.5	18-may-1988	99	F	LT	5.000	UGG
4.5	18-may-1988	99	NA		95.400	UGG
9.5	18-may-1988	99	NA		109.000	UGG
14.5	18-may-1988	99	NA		65.900	UGG
19.5	18-may-1988	99	NA		62.300	UGG
24.5	18-may-1988	99	NA		95.300	UGG
29.5	18-may-1988	99	NA		148.000	UGG
39.5	18-may-1988	99	NA		160.000	UGG
49.5	18-may-1988	99	NA		518.000	UGG
4.5	18-may-1988	JB08	HG	LT	0.100	UGG
9.5	18-may-1988	JB08	HG	LT	0.100	UGG
14.5	18-may-1988	JB08	HG	LT	0.100	UGG
19.5	18-may-1988	JB08	HG	LT	0.100	UGG
24.5	18-may-1988	JB08	HG	LT	0.100	UGG
29.5	18-may-1988	JB08	HG	LT	0.100	UGG
39.5	18-may-1988	JB08	HG	LT	0.100	UGG
49.5	18-may-1988	JB08	HG	LT	0.100	UGG
4.5	18-may-1988	JD01	AG	LT	0.648	UGG
9.5	18-may-1988	JD01	AG	LT	0.648	UGG
14.5	18-may-1988	JD01	AG	LT	0.648	UGG
19.5	18-may-1988	JD01	AG	LT	0.648	UGG
24.5	18-may-1988	JD01	AG	LT	0.648	UGG
29.5	18-may-1988	JD01	AG	LT	0.648	UGG
39.5	18-may-1988	JD01	AG	LT	0.648	UGG
49.5	18-may-1988	JD01	AG	LT	0.648	UGG
4.5	18-may-1988	JD01	AS	LT	5.700	UGG
9.5	18-may-1988	JD01	AS	LT	5.700	UGG
14.5	18-may-1988	JD01	AS	LT	5.700	UGG
19.5	18-may-1988	JD01	AS	LT	5.700	UGG
24.5	18-may-1988	JD01	AS	LT	5.700	UGG
29.5	18-may-1988	JD01	AS	LT	5.700	UGG
39.5	18-may-1988	JD01	AS	LT	5.700	UGG
49.5	18-may-1988	JD01	AS	LT	5.700	UGG
4.5	18-may-1988	JD01	BE	LT	0.330	UGG
9.5	18-may-1988	JD01	BE	LT	0.330	UGG
14.5	18-may-1988	JD01	BE	LT	0.330	UGG
19.5	18-may-1988	JD01	BE	LT	0.330	UGG
24.5	18-may-1988	JD01	BE	LT	0.330	UGG
29.5	18-may-1988	JD01	BE	LT	0.330	UGG
39.5	18-may-1988	JD01	BE	LT	0.330	UGG
49.5	18-may-1988	JD01	BE		0.787	UGG
4.5	18-may-1988	JD01	CD	LT	0.700	UGG
9.5	18-may-1988	JD01	CD		2.360	UGG
14.5	18-may-1988	JD01	CD	LT	0.700	UGG
19.5	18-may-1988	JD01	CD	LT	0.700	UGG
24.5	18-may-1988	JD01	CD	LT	0.700	UGG

Site: BORE N-124-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
29.5	18-may-1988	JD01	CD	LT	0.700	UGG
39.5	18-may-1988	JD01	CD	LT	0.700	UGG
49.5	18-may-1988	JD01	CD	LT	0.700	UGG
4.5	18-may-1988	JD01	CR	LT	2.500	UGG
9.5	18-may-1988	JD01	CR	LT	2.500	UGG
14.5	18-may-1988	JD01	CR		5.100	UGG
19.5	18-may-1988	JD01	CR		5.220	UGG
24.5	18-may-1988	JD01	CR	LT	2.500	UGG
29.5	18-may-1988	JD01	CR		7.970	UGG
39.5	18-may-1988	JD01	CR		8.310	UGG
49.5	18-may-1988	JD01	CR		53.600	UGG
4.5	18-may-1988	JD01	CU	LT	3.820	UGG
9.5	18-may-1988	JD01	CU	LT	3.820	UGG
14.5	18-may-1988	JD01	CU	LT	3.820	UGG
19.5	18-may-1988	JD01	CU	LT	3.820	UGG
24.5	18-may-1988	JD01	CU		5.220	UGG
29.5	18-may-1988	JD01	CU		6.920	UGG
39.5	18-may-1988	JD01	CU		4.890	UGG
49.5	18-may-1988	JD01	CU		25.700	UGG
4.5	18-may-1988	JD01	PB	LT	4.780	UGG
9.5	18-may-1988	JD01	PB	LT	4.780	UGG
14.5	18-may-1988	JD01	PB	LT	4.780	UGG
19.5	18-may-1988	JD01	PB	LT	4.780	UGG
24.5	18-may-1988	JD01	PB	LT	4.780	UGG
29.5	18-may-1988	JD01	PB	LT	4.780	UGG
39.5	18-may-1988	JD01	PB	LT	4.780	UGG
49.5	18-may-1988	JD01	PB	LT	4.780	UGG
4.5	18-may-1988	JD01	SB	LT	25.300	UGG
9.5	18-may-1988	JD01	SB	LT	25.300	UGG
14.5	18-may-1988	JD01	SB	LT	25.300	UGG
19.5	18-may-1988	JD01	SB	LT	25.300	UGG
24.5	18-may-1988	JD01	SB	LT	25.300	UGG
29.5	18-may-1988	JD01	SB	LT	25.300	UGG
39.5	18-may-1988	JD01	SB	LT	25.300	UGG
49.5	18-may-1988	JD01	SB	LT	25.300	UGG
4.5	18-may-1988	JD01	SE	LT	2.100	UGG
9.5	18-may-1988	JD01	SE	LT	2.100	UGG
14.5	18-may-1988	JD01	SE	LT	2.100	UGG
19.5	18-may-1988	JD01	SE	LT	2.100	UGG
24.5	18-may-1988	JD01	SE	LT	2.100	UGG
29.5	18-may-1988	JD01	SE	LT	2.100	UGG
39.5	18-may-1988	JD01	SE	LT	2.100	UGG
49.5	18-may-1988	JD01	SE	LT	2.100	UGG
4.5	18-may-1988	JD01	TL	LT	7.930	UGG
9.5	18-may-1988	JD01	TL	LT	7.930	UGG
14.5	18-may-1988	JD01	TL	LT	7.930	UGG
19.5	18-may-1988	JD01	TL	LT	7.930	UGG
24.5	18-may-1988	JD01	TL	LT	7.930	UGG

Site: BORE N-124-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
29.5	18-may-1988	JD01	TL	LT	7.930	UGG
39.5	18-may-1988	JD01	TL	LT	7.930	UGG
49.5	18-may-1988	JD01	TL	LT	7.930	UGG
4.5	18-may-1988	JS07	NI	LT	4.800	UGG
9.5	18-may-1988	JS07	NI	LT	4.800	UGG
14.5	18-may-1988	JS07	NI	LT	4.800	UGG
19.5	18-may-1988	JS07	NI	LT	4.800	UGG
24.5	18-may-1988	JS07	NI		7.030	UGG
29.5	18-may-1988	JS07	NI		23.000	UGG
39.5	18-may-1988	JS07	NI		6.810	UGG
49.5	18-may-1988	JS07	NI		64.000	UGG
4.5	18-may-1988	JS07	ZN	LT	52.000	UGG
9.5	18-may-1988	JS07	ZN	LT	52.000	UGG
14.5	18-may-1988	JS07	ZN	LT	52.000	UGG
19.5	18-may-1988	JS07	ZN	LT	52.000	UGG
24.5	18-may-1988	JS07	ZN	LT	52.000	UGG
29.5	18-may-1988	JS07	ZN	LT	52.000	UGG
39.5	18-may-1988	JS07	ZN	LT	52.000	UGG
49.5	18-may-1988	JS07	ZN		69.200	UGG
4.5	18-may-1988	KF02	NIT	LT	500.000	UGG
9.5	18-may-1988	KF02	NIT	LT	500.000	UGG
14.5	18-may-1988	KF02	NIT	LT	500.000	UGG
19.5	18-may-1988	KF02	NIT	LT	500.000	UGG
24.5	18-may-1988	KF02	NIT	LT	500.000	UGG
29.5	18-may-1988	KF02	NIT	LT	500.000	UGG
39.5	18-may-1988	KF02	NIT	LT	500.000	UGG
49.5	18-may-1988	KF02	NIT	LT	500.000	UGG
4.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
9.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
14.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
19.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
24.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
29.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
39.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
49.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
49.5	18-may-1988	KT01	SO4	LT	12500.000	UGG
4.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
9.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
14.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
19.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
24.5	18-may-1988	LW02	135TNB	LT	1.700	UGG
29.5	18-may-1988	LW02	135TNB	LT	1.900	UGG
39.5	18-may-1988	LW02	135TNB	LT	1.800	UGG
49.5	18-may-1988	LW02	135TNB	LT	1.900	UGG

Site: BORE N-124-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
4.5	18-may-1988	LW02	13DNB	LT	0.550	UGG
9.5	18-may-1988	LW02	13DNB	LT	0.550	UGG
14.5	18-may-1988	LW02	13DNB	LT	0.540	UGG
19.5	18-may-1988	LW02	13DNB	LT	0.540	UGG
24.5	18-may-1988	LW02	13DNB	LT	0.550	UGG
29.5	18-may-1988	LW02	13DNB	LT	0.610	UGG
39.5	18-may-1988	LW02	13DNB	LT	0.570	UGG
49.5	18-may-1988	LW02	13DNB	LT	0.610	UGG
4.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
9.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
14.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
19.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
24.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
29.5	18-may-1988	LW02	246TNT	LT	2.000	UGG
39.5	18-may-1988	LW02	246TNT	LT	1.800	UGG
49.5	18-may-1988	LW02	246TNT	LT	2.000	UGG
4.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
9.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
14.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
19.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
24.5	18-may-1988	LW02	24DNT	LT	0.390	UGG
29.5	18-may-1988	LW02	24DNT	LT	0.440	UGG
39.5	18-may-1988	LW02	24DNT	LT	0.400	UGG
49.5	18-may-1988	LW02	24DNT	LT	0.430	UGG
4.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
9.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
14.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
19.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
24.5	18-may-1988	LW02	26DNT	LT	0.370	UGG
29.5	18-may-1988	LW02	26DNT	LT	0.410	UGG
39.5	18-may-1988	LW02	26DNT	LT	0.380	UGG
49.5	18-may-1988	LW02	26DNT	LT	0.410	UGG
4.5	18-may-1988	LW02	HMX	LT	1.200	UGG
9.5	18-may-1988	LW02	HMX	LT	1.200	UGG
14.5	18-may-1988	LW02	HMX	LT	1.200	UGG
19.5	18-may-1988	LW02	HMX	LT	1.200	UGG
24.5	18-may-1988	LW02	HMX	LT	1.200	UGG
29.5	18-may-1988	LW02	HMX	LT	1.300	UGG
39.5	18-may-1988	LW02	HMX	LT	1.200	UGG
49.5	18-may-1988	LW02	HMX	LT	1.300	UGG
4.5	18-may-1988	LW02	NB	LT	0.400	UGG
9.5	18-may-1988	LW02	NB	LT	0.400	UGG
14.5	18-may-1988	LW02	NB	LT	0.390	UGG
19.5	18-may-1988	LW02	NB	LT	0.390	UGG
24.5	18-may-1988	LW02	NB	LT	0.400	UGG
29.5	18-may-1988	LW02	NB	LT	0.440	UGG
39.5	18-may-1988	LW02	NB	LT	0.410	UGG
49.5	18-may-1988	LW02	NB	LT	0.440	UGG

Site: BORE N-124-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
4.5	18-may-1988	LW02	RDX	LT	0.840	UGG
9.5	18-may-1988	LW02	RDX	LT	0.840	UGG
14.5	18-may-1988	LW02	RDX	LT	0.830	UGG
19.5	18-may-1988	LW02	RDX	LT	0.830	UGG
24.5	18-may-1988	LW02	RDX	LT	0.840	UGG
29.5	18-may-1988	LW02	RDX	LT	0.940	UGG
39.5	18-may-1988	LW02	RDX	LT	0.870	UGG
49.5	18-may-1988	LW02	RDX	LT	0.940	UGG
4.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
9.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
14.5	18-may-1988	LW02	TETRYL	LT	0.250	UGG
19.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
24.5	18-may-1988	LW02	TETRYL	LT	0.260	UGG
29.5	18-may-1988	LW02	TETRYL	LT	0.290	UGG
39.5	18-may-1988	LW02	TETRYL	LT	0.270	UGG
49.5	18-may-1988	LW02	TETRYL	LT	0.290	UGG

Site: BORE N-128-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
257.0	12-oct-1988	99	NIT		1050.000	UGG
257.0	12-oct-1988	99	SO4	LT	14700.000	UGG
257.0	12-oct-1988	LW02	135TNB	LT	1.850	UGG
257.0	12-oct-1988	LW02	13DNB	LT	0.594	UGG
257.0	12-oct-1988	LW02	246TNT	LT	1.930	UGG
257.0	12-oct-1988	LW02	24DNT	LT	0.423	UGG
257.0	12-oct-1988	LW02	26DNT	LT	0.403	UGG
257.0	12-oct-1988	LW02	HMX	LT	1.290	UGG
257.0	12-oct-1988	LW02	NB	LT	0.431	UGG
257.0	12-oct-1988	LW02	RDX	LT	0.913	UGG
257.0	12-oct-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE N-129-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
240.0	12-oct-1988	99	NIT	LT	545.000	UGG
240.0	18-oct-1988	99	SO4	LT	13600.000	UGG
240.0	18-oct-1988	LM13	111TCE	ND	0.050	UGG
240.0	18-oct-1988	LM13	112TCE	ND	0.050	UGG
240.0	18-oct-1988	LM13	11DCE	ND	0.050	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-129-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
240.0	18-oct-1988	LM13	11DCLE	ND	0.050	UGG
240.0	18-oct-1988	LM13	12DCLB	ND	0.300	UGG
240.0	18-oct-1988	LM13	12DCLE	ND	0.050	UGG
240.0	18-oct-1988	LM13	12DCLP	ND	0.050	UGG
240.0	18-oct-1988	LM13	13DCLB	ND	0.300	UGG
240.0	18-oct-1988	LM13	14DCLB	ND	0.300	UGG
240.0	18-oct-1988	LM13	2CLEVE	ND	0.600	UGG
240.0	18-oct-1988	LM13	BRDCLM	ND	0.050	UGG
240.0	18-oct-1988	LM13	C13DCP	ND	0.600	UGG
240.0	18-oct-1988	LM13	C2H3CL	ND	0.100	UGG
240.0	18-oct-1988	LM13	C2H5CL	ND	0.100	UGG
240.0	18-oct-1988	LM13	C6H6	ND	0.600	UGG
240.0	18-oct-1988	LM13	CCL4	ND	0.050	UGG
240.0	18-oct-1988	LM13	CH2CL2	ND	0.050	UGG
240.0	18-oct-1988	LM13	CH3BR	ND	0.100	UGG
240.0	18-oct-1988	LM13	CH3CL	ND	0.100	UGG
240.0	18-oct-1988	LM13	CHBR3	ND	0.100	UGG
240.0	18-oct-1988	LM13	CHCL3	ND	0.050	UGG
240.0	18-oct-1988	LM13	CLC6H5	ND	0.630	UGG
240.0	18-oct-1988	LM13	DBRCLM	ND	0.050	UGG
240.0	18-oct-1988	LM13	ETC6H5	ND	0.050	UGG
240.0	18-oct-1988	LM13	MEC6H5	ND	0.050	UGG
240.0	18-oct-1988	LM13	T12DCE	ND	0.630	UGG
240.0	18-oct-1988	LM13	T13DCP	ND	0.050	UGG
240.0	18-oct-1988	LM13	TCLEA	ND	0.050	UGG
240.0	18-oct-1988	LM13	TCLEE	ND	0.050	UGG
240.0	18-oct-1988	LM13	TRCLE	LT	0.141	UGG
240.0	18-oct-1988	LM13	UNK126		1.550	UGG
240.0	18-oct-1988	LW02	135TNB	LT	1.820	UGG
240.0	18-oct-1988	LW02	13DNB	LT	0.583	UGG
240.0	18-oct-1988	LW02	246TNT	LT	1.900	UGG
240.0	18-oct-1988	LW02	24DNT	LT	0.415	UGG
240.0	18-oct-1988	LW02	26DNT	LT	0.395	UGG
240.0	18-oct-1988	LW02	HMX	LT	1.270	UGG
240.0	18-oct-1988	LW02	NB	LT	0.422	UGG
240.0	18-oct-1988	LW02	RDX	LT	0.895	UGG
240.0	18-oct-1988	LW02	TETRYL	LT	0.274	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE N-130-88

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
215.0	26-oct-1988	99	111TCE	ND	0.050	UGG
243.0	26-oct-1988	99	111TCE		0.635	UGG
215.0	26-oct-1988	99	112TCE	ND	0.050	UGG
243.0	26-oct-1988	99	112TCE	ND	0.050	UGG
215.0	26-oct-1988	99	11DCE	ND	0.050	UGG
243.0	26-oct-1988	99	11DCE	ND	0.050	UGG
215.0	26-oct-1988	99	11DCLE	ND	0.050	UGG
243.0	26-oct-1988	99	11DCLE	ND	0.050	UGG
215.0	26-oct-1988	99	12DCLB	ND	0.300	UGG
243.0	26-oct-1988	99	12DCLB	ND	0.300	UGG
215.0	26-oct-1988	99	12DCLE	ND	0.050	UGG
243.0	26-oct-1988	99	12DCLE	ND	0.050	UGG
215.0	26-oct-1988	99	12DCLP	ND	0.050	UGG
243.0	26-oct-1988	99	12DCLP	ND	0.050	UGG
215.0	26-oct-1988	99	13DCLB	ND	0.300	UGG
243.0	26-oct-1988	99	13DCLB	ND	0.300	UGG
215.0	26-oct-1988	99	14DCLB	ND	0.300	UGG
243.0	26-oct-1988	99	14DCLB	ND	0.300	UGG
215.0	26-oct-1988	99	2CLEVE	ND	0.600	UGG
243.0	26-oct-1988	99	2CLEVE	ND	0.600	UGG
215.0	26-oct-1988	99	BRDCLM	ND	0.050	UGG
243.0	26-oct-1988	99	BRDCLM	ND	0.050	UGG
215.0	26-oct-1988	99	C13DCP	ND	0.600	UGG
243.0	26-oct-1988	99	C13DCP	ND	0.600	UGG
215.0	26-oct-1988	99	C2H3CL	ND	0.100	UGG
243.0	26-oct-1988	99	C2H3CL	ND	0.100	UGG
215.0	26-oct-1988	99	C2H5CL	ND	0.100	UGG
243.0	26-oct-1988	99	C2H5CL	ND	0.100	UGG
215.0	26-oct-1988	99	C6H6	ND	0.600	UGG
243.0	26-oct-1988	99	C6H6	ND	0.600	UGG
215.0	26-oct-1988	99	CCL4	ND	0.050	UGG
243.0	26-oct-1988	99	CCL4	ND	0.050	UGG
215.0	26-oct-1988	99	CH2CL2	ND	0.050	UGG
243.0	26-oct-1988	99	CH2CL2	ND	0.050	UGG
215.0	26-oct-1988	99	CH3BR	ND	0.100	UGG
243.0	26-oct-1988	99	CH3BR	ND	0.100	UGG
215.0	26-oct-1988	99	CH3CL	ND	0.100	UGG
243.0	26-oct-1988	99	CH3CL	ND	0.100	UGG
215.0	26-oct-1988	99	CHBR3	ND	0.100	UGG
243.0	26-oct-1988	99	CHBR3	ND	0.100	UGG
215.0	26-oct-1988	99	CHCL3	ND	0.050	UGG
243.0	26-oct-1988	99	CHCL3	ND	0.050	UGG
215.0	26-oct-1988	99	CLC6H5	ND	0.630	UGG
243.0	26-oct-1988	99	CLC6H5	ND	0.630	UGG
215.0	26-oct-1988	99	DBRCLM	ND	0.050	UGG
243.0	26-oct-1988	99	DBRCLM	ND	0.050	UGG
215.0	26-oct-1988	99	ETC6H5	ND	0.050	UGG
243.0	26-oct-1988	99	ETC6H5	ND	0.050	UGG

Site: BORE N-130-88 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
215.0	26-oct-1988	99	MEC6H5	ND	0.050	UGG
243.0	26-oct-1988	99	MEC6H5	ND	0.050	UGG
215.0	26-oct-1988	99	NIT	LT	531.000	UGG
243.0	26-oct-1988	99	NIT	LT	574.000	UGG
215.0	26-oct-1988	99	SO4	LT	13300.000	UGG
243.0	26-oct-1988	99	SO4	LT	14300.000	UGG
215.0	26-oct-1988	99	T12DCE	ND	0.630	UGG
243.0	26-oct-1988	99	T12DCE	ND	0.630	UGG
215.0	26-oct-1988	99	T13DCP	ND	0.050	UGG
243.0	26-oct-1988	99	T13DCP	ND	0.050	UGG
215.0	26-oct-1988	99	TCLEA	ND	0.050	UGG
243.0	26-oct-1988	99	TCLEA	ND	0.050	UGG
215.0	26-oct-1988	99	TCLEE	ND	0.050	UGG
243.0	26-oct-1988	99	TCLEE	ND	0.050	UGG
215.0	26-oct-1988	99	TRCLE	LT	0.145	UGG
243.0	26-oct-1988	99	TRCLE	LT	0.145	UGG
243.0	26-oct-1988	99	UNK069		0.800	UGG
215.0	26-oct-1988	99	UNK076		3.200	UGG
215.0	26-oct-1988	99	UNK105		1.000	UGG
243.0	26-oct-1988	99	UNK105		1.000	UGG
243.0	26-oct-1988	99	UNK141		14.000	UGG
215.0	26-oct-1988	99	UNK148		13.500	UGG
215.0	26-oct-1988	LW02	135TNB	LT	2.090	UGG
243.0	26-oct-1988	LW02	135TNB	LT	2.090	UGG
215.0	26-oct-1988	LW02	13DNB	LT	0.590	UGG
243.0	26-oct-1988	LW02	13DNB	LT	0.590	UGG
215.0	26-oct-1988	LW02	246TNT	LT	1.920	UGG
243.0	26-oct-1988	LW02	246TNT	LT	1.920	UGG
215.0	26-oct-1988	LW02	24DNT	LT	0.420	UGG
243.0	26-oct-1988	LW02	24DNT	LT	0.420	UGG
215.0	26-oct-1988	LW02	26DNT	LT	0.400	UGG
243.0	26-oct-1988	LW02	26DNT	LT	0.400	UGG
215.0	26-oct-1988	LW02	HMX	LT	1.270	UGG
243.0	26-oct-1988	LW02	HMX	LT	1.270	UGG
215.0	26-oct-1988	LW02	NB	LT	0.420	UGG
243.0	26-oct-1988	LW02	NB	LT	0.420	UGG
215.0	26-oct-1988	LW02	RDX	LT	0.980	UGG
243.0	26-oct-1988	LW02	RDX	LT	0.980	UGG
215.0	26-oct-1988	LW02	TETRYL	LT	0.250	UGG
243.0	26-oct-1988	LW02	TETRYL	LT	0.250	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-01-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	23-feb-1988	99	AG	LT	0.722	UGG
0.0	23-feb-1988	99	AS	LT	6.350	UGG
0.0	23-feb-1988	99	BE	LT	0.368	UGG
0.0	23-feb-1988	99	BR	LT	100.000	UGG
0.0	23-feb-1988	99	CD	LT	0.780	UGG
0.0	23-feb-1988	99	CL	LT	12500.000	UGG
0.0	23-feb-1988	99	CR		11.600	UGG
0.0	23-feb-1988	99	CU		11.000	UGG
0.0	23-feb-1988	99	F	LT	10.000	UGG
0.0	23-feb-1988	99	NA		124.000	UGG
0.0	23-feb-1988	99	NI		5.630	UGG
0.0	23-feb-1988	99	NIT	LT	0.000	UGG
0.0	23-feb-1988	99	NIT	LT	0.000	UGG
0.0	23-feb-1988	99	PB	LT	5.320	UGG
0.0	23-feb-1988	99	SB	LT	28.200	UGG
0.0	23-feb-1988	99	SE	LT	2.340	UGG
0.0	23-feb-1988	99	SO4	LT	12500.000	UGG
0.0	23-feb-1988	99	TL	LT	8.830	UGG
0.0	23-feb-1988	99	ZN	LT	57.900	UGG
0.0	23-feb-1988	JB08	HG	LT	0.114	UGG
0.0	23-feb-1988	LM13	111TCE	ND	0.056	UGG
0.0	23-feb-1988	LM13	112TCE	ND	0.056	UGG
0.0	23-feb-1988	LM13	11DCE	ND	0.056	UGG
0.0	23-feb-1988	LM13	12DCLB	ND	0.339	UGG
0.0	23-feb-1988	LM13	12DCLE	ND	0.056	UGG
0.0	23-feb-1988	LM13	12DCLP	ND	0.056	UGG
0.0	23-feb-1988	LM13	13DCLB	ND	0.339	UGG
0.0	23-feb-1988	LM13	14DCLB	ND	0.339	UGG
0.0	23-feb-1988	LM13	2CLEVE	ND	0.677	UGG
0.0	23-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	23-feb-1988	LM13	C13DCP	ND	0.677	UGG
0.0	23-feb-1988	LM13	C2H3CL	ND	0.113	UGG
0.0	23-feb-1988	LM13	C2H5CL	ND	0.113	UGG
0.0	23-feb-1988	LM13	C6H6	ND	0.677	UGG
0.0	23-feb-1988	LM13	CCL4	ND	0.056	UGG
0.0	23-feb-1988	LM13	CH2CL2	ND	0.056	UGG
0.0	23-feb-1988	LM13	CH3BR	ND	0.113	UGG
0.0	23-feb-1988	LM13	CH3CL	ND	0.113	UGG
0.0	23-feb-1988	LM13	CHBR3	ND	0.113	UGG
0.0	23-feb-1988	LM13	CHCL3	ND	0.056	UGG
0.0	23-feb-1988	LM13	CLC6H5	ND	0.711	UGG
0.0	23-feb-1988	LM13	DBRCLM	ND	0.056	UGG
0.0	23-feb-1988	LM13	ETC6H5	ND	0.056	UGG
0.0	23-feb-1988	LM13	MEC6H5	ND	0.056	UGG
0.0	23-feb-1988	LM13	T12DCE	ND	0.711	UGG
0.0	23-feb-1988	LM13	T13DCP	ND	0.056	UGG

Site: BORE SSDS-01-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	23-feb-1988	LM13	TCLEE	ND	0.056	UGG
0.0	23-feb-1988	LM13	TRCLE	LT	0.159	UGG
0.0	23-feb-1988	LM14	124TCB	ND	0.330	UGG
0.0	23-feb-1988	LM14	12DPH	ND	0.330	UGG
0.0	23-feb-1988	LM14	246TCP	ND	0.330	UGG
0.0	23-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.0	23-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.0	23-feb-1988	LM14	24DNP	ND	1.650	UGG
0.0	23-feb-1988	LM14	24DNT	ND	0.330	UGG
0.0	23-feb-1988	LM14	26DNT	ND	0.330	UGG
0.0	23-feb-1988	LM14	2CLP	ND	0.330	UGG
0.0	23-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.0	23-feb-1988	LM14	2NP	ND	0.330	UGG
0.0	23-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.0	23-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.0	23-feb-1988	LM14	4BRPPE	ND	0.330	UGG
0.0	23-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.0	23-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.0	23-feb-1988	LM14	4NP	ND	1.650	UGG
0.0	23-feb-1988	LM14	ABHC	ND	0.660	UGG
0.0	23-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.0	23-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.0	23-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.0	23-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.0	23-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.0	23-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.0	23-feb-1988	LM14	B2CIPE	ND	0.330	UGG
0.0	23-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.0	23-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.0	23-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.0	23-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.0	23-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.0	23-feb-1988	LM14	BBHC	ND	0.660	UGG
0.0	23-feb-1988	LM14	BBZP	ND	0.330	UGG
0.0	23-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.0	23-feb-1988	LM14	BENZID	ND	1.650	UGG
0.0	23-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.0	23-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.0	23-feb-1988	LM14	C2H5CL	ND	1.250	UGG
0.0	23-feb-1988	LM14	CHRY	ND	0.330	UGG
0.0	23-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.0	23-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.0	23-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.0	23-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.0	23-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.0	23-feb-1988	LM14	DBHC	ND	0.660	UGG
0.0	23-feb-1988	LM14	DEP	ND	0.330	UGG

Site: BORE SSDS-01-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	23-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.0	23-feb-1988	LM14	DMP	ND	0.330	UGG
0.0	23-feb-1988	LM14	DNBP	ND	0.330	UGG
0.0	23-feb-1988	LM14	DNOP	ND	0.330	UGG
0.0	23-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.0	23-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.0	23-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.0	23-feb-1988	LM14	FANT	ND	0.330	UGG
0.0	23-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.0	23-feb-1988	LM14	GBHC	ND	0.330	UGG
0.0	23-feb-1988	LM14	HCBD	ND	0.330	UGG
0.0	23-feb-1988	LM14	HPCL	ND	0.660	UGG
0.0	23-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.0	23-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.0	23-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.0	23-feb-1988	LM14	LIN	LT	0.058	UGG
0.0	23-feb-1988	LM14	NAP	ND	0.330	UGG
0.0	23-feb-1988	LM14	NB	ND	0.330	UGG
0.0	23-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.0	23-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.0	23-feb-1988	LM14	PCB016	ND	0.330	UGG
0.0	23-feb-1988	LM14	PCB221	ND	0.330	UGG
0.0	23-feb-1988	LM14	PCB232	ND	0.330	UGG
0.0	23-feb-1988	LM14	PCB242	ND	0.330	UGG
0.0	23-feb-1988	LM14	PCB248	ND	0.330	UGG
0.0	23-feb-1988	LM14	PCB254	ND	0.330	UGG
0.0	23-feb-1988	LM14	PCB260	ND	1.650	UGG
0.0	23-feb-1988	LM14	PCP	ND	0.330	UGG
0.0	23-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.0	23-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.0	23-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.0	23-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.0	23-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.0	23-feb-1988	LM14	PYR	ND	0.060	UGG
0.0	23-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.0	23-feb-1988	LM14	UNK591		6.700	UGG
0.0	23-feb-1988	LM14	UNK592		1.010	UGG
0.0	23-feb-1988	LM14	UNK593		0.340	UGG
0.0	23-feb-1988	LM14	UNK594		0.680	UGG
0.0	23-feb-1988	LM14	UNK595		0.340	UGG
0.0	23-feb-1988	LM14	UNK596		0.440	UGG
0.0	23-feb-1988	LM14	UNK597		0.330	UGG
0.0	23-feb-1988	LM14	UNK598		0.360	UGG
0.0	23-feb-1988	LM14	UNK599		0.330	UGG
0.0	23-feb-1988	LM14	UNK600		1.220	UGG
0.0	23-feb-1988	LM14	UNK601		0.420	UGG
0.0	23-feb-1988	LM14	UNK602		0.770	UGG
0.0	23-feb-1988	LM14	UNK603		0.960	UGG

Site: BORE SSDS-01-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	23-feb-1988	LM14	UNK604		0.280	UGG
0.0	23-feb-1988	LM14	UNK605		0.330	UGG
0.0	23-feb-1988	LM14	UNK606		0.540	UGG
0.0	23-feb-1988	LM14	UNK607		0.830	UGG
0.0	23-feb-1988	LW02	135TNB	LT	1.830	UGG
0.0	23-feb-1988	LW02	13DNB	LT	1.170	UGG
0.0	23-feb-1988	LW02	246TNT	LT	1.900	UGG
0.0	23-feb-1988	LW02	24DNT	LT	0.417	UGG
0.0	23-feb-1988	LW02	26DNT	LT	0.397	UGG
0.0	23-feb-1988	LW02	HMX	LT	1.270	UGG
0.0	23-feb-1988	LW02	NB	LT	0.424	UGG
0.0	23-feb-1988	LW02	RDX	LT	0.899	UGG
0.0	23-feb-1988	LW02	TETRYL	LT	0.275	UGG

Site: BORE SSDS-01-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	AG	LT	0.763	UGG
0.5	24-feb-1988	99	AS	LT	6.710	UGG
0.5	24-feb-1988	99	BE	LT	0.389	UGG
0.5	24-feb-1988	99	BR	LT	100.000	UGG
0.5	24-feb-1988	99	CD	LT	0.825	UGG
0.5	24-feb-1988	99	CL	LT	14700.000	UGG
0.5	24-feb-1988	99	CR		11.600	UGG
0.5	24-feb-1988	99	CU		13.100	UGG
0.5	24-feb-1988	99	F	LT	11.800	UGG
0.5	24-feb-1988	99	NA		216.000	UGG
0.5	24-feb-1988	99	NI		7.160	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	PB	LT	5.630	UGG
0.5	24-feb-1988	99	SB	LT	29.800	UGG
0.5	24-feb-1988	99	SE	LT	2.470	UGG
0.5	24-feb-1988	99	SO4	LT	14700.000	UGG
0.5	24-feb-1988	99	TL	LT	9.340	UGG
0.5	24-feb-1988	99	ZN	LT	61.300	UGG
0.5	24-feb-1988	J808	HG	LT	0.120	UGG
0.5	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLP	ND	0.050	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-01-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.5	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.5	24-feb-1988	LM13	C2H3CL	ND	0.125	UGG
0.5	24-feb-1988	LM13	C2H5CL	ND	0.125	UGG
0.5	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.5	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH3BR	ND	0.125	UGG
0.5	24-feb-1988	LM13	CH3CL	ND	0.125	UGG
0.5	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.5	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.5	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.5	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.5	24-feb-1988	LM13	TRCLE	LT	0.176	UGG
0.5	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.5	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.5	24-feb-1988	LM14	246TCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.5	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.5	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.5	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.5	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.5	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.5	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-01-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.5	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.5	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
0.5	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.5	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.5	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.5	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.5	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.5	24-feb-1988	LM14	GBHC	ND	0.330	UGG
0.5	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.5	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.5	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.5	24-feb-1988	LM14	HXAB2E		1.610	UGG
0.5	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.5	24-feb-1988	LM14	LIN	LT	0.058	UGG
0.5	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	NB	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB242	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB260	ND	1.650	UGG

Site: BORE SSDS-01-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.5	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.5	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.5	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.5	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.5	24-feb-1988	LM14	PYR	ND	0.060	UGG
0.5	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.5	24-feb-1988	LM14	UNK589		2.000	UGG
0.5	24-feb-1988	LM14	UNK590		0.560	UGG
0.5	24-feb-1988	LM14	UNK591		0.330	UGG
0.5	24-feb-1988	LM14	UNK592		0.410	UGG
0.5	24-feb-1988	LM14	UNK593		0.310	UGG
0.5	24-feb-1988	LM14	UNK594		0.730	UGG
0.5	24-feb-1988	LM14	UNK595		0.380	UGG
0.5	24-feb-1988	LM14	UNK597		0.410	UGG
0.5	24-feb-1988	LM14	UNK598		0.440	UGG
0.5	24-feb-1988	LM14	UNK599		0.410	UGG
0.5	24-feb-1988	LM14	UNK600		0.520	UGG
0.5	24-feb-1988	LM14	UNK601		0.530	UGG
0.5	24-feb-1988	LM14	UNK603		1.030	UGG
0.5	24-feb-1988	LM14	UNK604		0.420	UGG
0.5	24-feb-1988	LM14	UNK605		0.390	UGG
0.5	24-feb-1988	LM14	UNK606		0.420	UGG
0.5	24-feb-1988	LM14	UNK607		0.410	UGG
0.5	24-feb-1988	LW02	135TNB	LT	2.040	UGG
0.5	24-feb-1988	LW02	13DNB	LT	0.654	UGG
0.5	24-feb-1988	LW02	246TNT	LT	2.130	UGG
0.5	24-feb-1988	LW02	24DNT	LT	0.466	UGG
0.5	24-feb-1988	LW02	26DNT	LT	0.444	UGG
0.5	24-feb-1988	LW02	HMX	LT	1.420	UGG
0.5	24-feb-1988	LW02	NB	LT	0.474	UGG
0.5	24-feb-1988	LW02	RDX	LT	1.010	UGG
0.5	24-feb-1988	LW02	TETRYL	LT	0.308	UGG

Site: BORE SSDS-01-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	AG	LT	0.737	UGG
1.0	24-feb-1988	99	AS		6.570	UGG
1.0	24-feb-1988	99	BE	LT	0.375	UGG
1.0	24-feb-1988	99	BR	LT	100.000	UGG
1.0	24-feb-1988	99	CD	LT	0.796	UGG
1.0	24-feb-1988	99	CL	LT	14200.000	UGG

Site: BORE SSDS-01-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	CR		10.900	UGG
1.0	24-feb-1988	99	CU		10.100	UGG
1.0	24-feb-1988	99	F	LT	11.400	UGG
1.0	24-feb-1988	99	NA		80.300	UGG
1.0	24-feb-1988	99	NI		80.400	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
1.0	24-feb-1988	99	PB	LT	5.430	UGG
1.0	24-feb-1988	99	SB	LT	28.800	UGG
1.0	24-feb-1988	99	SE	LT	2.390	UGG
1.0	24-feb-1988	99	SO4	LT	14200.000	UGG
1.0	24-feb-1988	99	TL	LT	9.020	UGG
1.0	24-feb-1988	99	ZN	LT	59.100	UGG
1.0	24-feb-1988	JB08	HG	LT	0.116	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG

Site: BORE SSDS-01-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
1.0	24-feb-1988	LM13	TRCLE	LT	0.159	UGG
1.0	24-feb-1988	LM13	TRCLE	LT	0.159	UGG
1.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
1.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
1.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
1.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
1.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
1.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
1.0	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
1.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
1.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG

Site: BORE SSDS-01-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
1.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
1.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
1.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
1.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNOP	ND	0.330	UGG
1.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
1.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
1.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
1.0	24-feb-1988	LM14	GBHC	ND	0.330	UGG
1.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
1.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
1.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
1.0	24-feb-1988	LM14	HXAB2E		3.240	UGG
1.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
1.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
1.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	NB	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB242	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG

Site: BORE SSDS-01-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
1.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
1.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
1.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
1.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
1.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
1.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
1.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
1.0	24-feb-1988	LM14	UNK591		0.580	UGG
1.0	24-feb-1988	LM14	UNK592		0.290	UGG
1.0	24-feb-1988	LM14	UNK593		1.330	UGG
1.0	24-feb-1988	LM14	UNK594		0.440	UGG
1.0	24-feb-1988	LM14	UNK595		0.500	UGG
1.0	24-feb-1988	LM14	UNK596		0.350	UGG
1.0	24-feb-1988	LM14	UNK597		0.410	UGG
1.0	24-feb-1988	LM14	UNK598		0.310	UGG
1.0	24-feb-1988	LM14	UNK599		0.350	UGG
1.0	24-feb-1988	LM14	UNK600		0.440	UGG
1.0	24-feb-1988	LM14	UNK601		0.840	UGG
1.0	24-feb-1988	LM14	UNK603		0.970	UGG
1.0	24-feb-1988	LM14	UNK605		0.300	UGG
1.0	24-feb-1988	LM14	UNK606		0.380	UGG
1.0	24-feb-1988	LM14	UNK607		0.370	UGG
1.0	24-feb-1988	LM14	UNK608		1.330	UGG
1.0	24-feb-1988	LM14	UNK609		0.950	UGG
1.0	24-feb-1988	LW02	135TNB	LT	1.880	UGG
1.0	24-feb-1988	LW02	13DNB	LT	0.603	UGG
1.0	24-feb-1988	LW02	246TNT	LT	1.960	UGG
1.0	24-feb-1988	LW02	24DNT	LT	0.429	UGG
1.0	24-feb-1988	LW02	26DNT	LT	0.409	UGG
1.0	24-feb-1988	LW02	HMX	LT	1.310	UGG
1.0	24-feb-1988	LW02	NB	LT	0.437	UGG
1.0	24-feb-1988	LW02	ROX	LT	0.926	UGG
1.0	24-feb-1988	LW02	TETRYL	LT	0.283	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-02-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	AG	LT	0.732	UGG
0.0	24-feb-1988	99	AS		7.820	UGG
0.0	24-feb-1988	99	BE	LT	0.373	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	CD	LT	0.791	UGG
0.0	24-feb-1988	99	CL	LT	14100.000	UGG
0.0	24-feb-1988	99	CR		15.100	UGG
0.0	24-feb-1988	99	CU		16.800	UGG
0.0	24-feb-1988	99	F	LT	11.300	UGG
0.0	24-feb-1988	99	NA		130.000	UGG
0.0	24-feb-1988	99	NI		9.740	UGG
0.0	24-feb-1988	99	NIT	LT	0.000	UGG
0.0	24-feb-1988	99	PB		11.200	UGG
0.0	24-feb-1988	99	SB	LT	28.600	UGG
0.0	24-feb-1988	99	SE	LT	2.370	UGG
0.0	24-feb-1988	99	SO4	LT	14100.000	UGG
0.0	24-feb-1988	99	TL	LT	8.960	UGG
0.0	24-feb-1988	99	ZN	LT	58.800	UGG
0.0	24-feb-1988	JB08	HG	LT	0.115	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG

Site: BORE SSDS-02-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM13	TRCLE	LT	0.160	UGG
0.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.0	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENZAL		0.140	UGG
0.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
0.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	DEP	ND	0.330	UGG

Site: BORE SSDS-02-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.0	24-feb-1988	LM14	GBHC	ND	0.330	UGG
0.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.0	24-feb-1988	LM14	HXAB2E		8.310	UGG
0.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
0.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	NB	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB242	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
0.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.0	24-feb-1988	LM14	UNK543		0.180	UGG
0.0	24-feb-1988	LM14	UNK546		0.160	UGG
0.0	24-feb-1988	LM14	UNK562		0.740	UGG
0.0	24-feb-1988	LM14	UNK564		0.270	UGG
0.0	24-feb-1988	LM14	UNK580		0.600	UGG
0.0	24-feb-1988	LW02	135TNB	LT	1.880	UGG
0.0	24-feb-1988	LW02	13DNB	LT	0.603	UGG
0.0	24-feb-1988	LW02	246TNT	LT	1.960	UGG
0.0	24-feb-1988	LW02	24DNT	LT	0.429	UGG
0.0	24-feb-1988	LW02	26DNT	LT	0.409	UGG
0.0	24-feb-1988	LW02	HMX	LT	1.310	UGG

Site: BORE SSDS-02-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LW02	NB	LT	0.437	UGG
0.0	24-feb-1988	LW02	RDX	LT	0.926	UGG
0.0	24-feb-1988	LW02	TETRYL	LT	0.283	UGG

Site: BORE SSDS-02-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	AG	LT	0.719	UGG
0.5	24-feb-1988	99	AS		6.790	UGG
0.5	24-feb-1988	99	BE	LT	0.366	UGG
0.5	24-feb-1988	99	BR	LT	100.000	UGG
0.5	24-feb-1988	99	CD		0.819	UGG
0.5	24-feb-1988	99	CL	LT	13900.000	UGG
0.5	24-feb-1988	99	CR		12.300	UGG
0.5	24-feb-1988	99	CU		14.500	UGG
0.5	24-feb-1988	99	F	LT	11.100	UGG
0.5	24-feb-1988	99	NA		154.000	UGG
0.5	24-feb-1988	99	NI		9.340	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	PB		15.500	UGG
0.5	24-feb-1988	99	SB	LT	28.100	UGG
0.5	24-feb-1988	99	SE	LT	2.330	UGG
0.5	24-feb-1988	99	SO4	LT	13900.000	UGG
0.5	24-feb-1988	99	TL	LT	8.800	UGG
0.5	24-feb-1988	99	ZN		226.000	UGG
0.5	24-feb-1988	JB08	HG	LT	0.113	UGG
0.5	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.5	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.5	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.5	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.5	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH3BR	ND	0.100	UGG

Site: BORE SSDS-02-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.5	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.5	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.5	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.5	24-feb-1988	LM13	TRCLE	LT	0.175	UGG
0.5	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.5	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.5	24-feb-1988	LM14	246TCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.5	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.5	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.5	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.5	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.5	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.5	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.5	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.5	24-feb-1988	LM14	BKFANT	ND	0.330	UGG

Site: BORE SSDS-02-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
0.5	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.5	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.5	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.5	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.5	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.5	24-feb-1988	LM14	GBHC	ND	0.330	UGG
0.5	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.5	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.5	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.5	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.5	24-feb-1988	LM14	LIN	LT	0.058	UGG
0.5	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	NB	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB242	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.5	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.5	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.5	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.5	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.5	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.5	24-feb-1988	LM14	PYR	ND	0.060	UGG
0.5	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.5	24-feb-1988	LM14	UNK592		0.760	UGG
0.5	24-feb-1988	LM14	UNK593		0.340	UGG
0.5	24-feb-1988	LM14	UNK594		0.650	UGG
0.5	24-feb-1988	LM14	UNK595		0.550	UGG

Site: BORE SSDS-02-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	UNK596		0.390	UGG
0.5	24-feb-1988	LM14	UNK597		0.320	UGG
0.5	24-feb-1988	LM14	UNK598		8.010	UGG
0.5	24-feb-1988	LM14	UNK600		3.700	UGG
0.5	24-feb-1988	LM14	UNK601		0.370	UGG
0.5	24-feb-1988	LM14	UNK602		0.410	UGG
0.5	24-feb-1988	LM14	UNK602		0.680	UGG
0.5	24-feb-1988	LM14	UNK603		0.310	UGG
0.5	24-feb-1988	LM14	UNK605		0.420	UGG
0.5	24-feb-1988	LM14	UNK606		0.170	UGG
0.5	24-feb-1988	LM14	UNK607		0.350	UGG
0.5	24-feb-1988	LM14	UNK608		0.270	UGG
0.5	24-feb-1988	LM14	UNK609		0.660	UGG
0.5	24-feb-1988	LM14	UNK610		0.560	UGG
0.5	24-feb-1988	LM14	UNK611		1.430	UGG
0.5	24-feb-1988	LW02	135TNB	LT	1.900	UGG
0.5	24-feb-1988	LW02	13DNB	LT	0.610	UGG
0.5	24-feb-1988	LW02	246TNT	LT	1.980	UGG
0.5	24-feb-1988	LW02	24DNT	LT	0.434	UGG
0.5	24-feb-1988	LW02	26DNT	LT	0.413	UGG
0.5	24-feb-1988	LW02	HMX	LT	1.320	UGG
0.5	24-feb-1988	LW02	NB	LT	0.442	UGG
0.5	24-feb-1988	LW02	RDX	LT	0.937	UGG
0.5	24-feb-1988	LW02	TETRYL	LT	0.287	UGG

Site: BORE SSDS-02-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	AG	LT	0.738	UGG
1.0	24-feb-1988	99	AS	LT	6.490	UGG
1.0	24-feb-1988	99	BE	LT	0.376	UGG
1.0	24-feb-1988	99	BR	LT	100.000	UGG
1.0	24-feb-1988	99	CD	LT	0.797	UGG
1.0	24-feb-1988	99	CL	LT	14200.000	UGG
1.0	24-feb-1988	99	CR		15.300	UGG
1.0	24-feb-1988	99	CU		14.800	UGG
1.0	24-feb-1988	99	F	LT	11.400	UGG
1.0	24-feb-1988	99	NA		173.000	UGG
1.0	24-feb-1988	99	NI		10.800	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
1.0	24-feb-1988	99	PB		8.710	UGG
1.0	24-feb-1988	99	SB	LT	28.800	UGG
1.0	24-feb-1988	99	SE	LT	2.390	UGG
1.0	24-feb-1988	99	SO4	LT	14200.000	UGG

Site: BORE SSDS-02-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	TL	LT	9.030	UGG
1.0	24-feb-1988	99	ZN	LT	59.200	UGG
1.0	24-feb-1988	JB08	HG	LT	0.113	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
1.0	24-feb-1988	LM13	TRCLE	LT	0.156	UGG
1.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
1.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
1.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
1.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
1.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
1.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
1.0	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG

Site: BORE SSDS-02-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
1.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
1.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENZAL		0.190	UGG
1.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
1.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
1.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
1.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
1.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNOP	ND	0.330	UGG
1.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
1.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
1.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
1.0	24-feb-1988	LM14	GBHC	ND	0.330	UGG
1.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
1.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
1.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
1.0	24-feb-1988	LM14	HXAB2E		8.510	UGG
1.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG

Site: BORE SSDS-02-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
1.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	NB	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB242	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
1.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
1.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
1.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
1.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
1.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
1.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
1.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
1.0	24-feb-1988	LM14	UNK546		0.170	UGG
1.0	24-feb-1988	LM14	UNK564		0.750	UGG
1.0	24-feb-1988	LM14	UNK565		0.740	UGG
1.0	24-feb-1988	LM14	UNK580		0.710	UGG
1.0	24-feb-1988	LM14	UNK603		0.350	UGG
1.0	24-feb-1988	LM14	UNK604		0.200	UGG
1.0	24-feb-1988	LW02	135TNB	LT	1.900	UGG
1.0	24-feb-1988	LW02	13DNB	LT	0.609	UGG
1.0	24-feb-1988	LW02	246TNT	LT	1.980	UGG
1.0	24-feb-1988	LW02	24DNT	LT	0.434	UGG
1.0	24-feb-1988	LW02	26DNT	LT	0.413	UGG
1.0	24-feb-1988	LW02	HMX	LT	1.320	UGG
1.0	24-feb-1988	LW02	NB	LT	0.442	UGG
1.0	24-feb-1988	LW02	RDX	LT	0.936	UGG
1.0	24-feb-1988	LW02	TETRYL	LT	0.286	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-03-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	AG	LT	0.669	UGG
0.0	24-feb-1988	99	AS		8.900	UGG
0.0	24-feb-1988	99	BE	LT	0.341	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	CD		0.873	UGG
0.0	24-feb-1988	99	CL	LT	14200.000	UGG
0.0	24-feb-1988	99	CR		8.550	UGG
0.0	24-feb-1988	99	CU		12.100	UGG
0.0	24-feb-1988	99	F	LT	10.300	UGG
0.0	24-feb-1988	99	NA		71.900	UGG
0.0	24-feb-1988	99	NI		5.350	UGG
0.0	24-feb-1988	99	NIT	LT	0.000	UGG
0.0	24-feb-1988	99	PB		34.400	UGG
0.0	24-feb-1988	99	SB	LT	26.100	UGG
0.0	24-feb-1988	99	SE	LT	2.170	UGG
0.0	24-feb-1988	99	SO4	LT	14200.000	UGG
0.0	24-feb-1988	99	TL	LT	8.190	UGG
0.0	24-feb-1988	99	ZN	LT	53.700	UGG
0.0	24-feb-1988	J808	HG	LT	0.105	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG

Site: BORE SSDS-03-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	24-feb-1988	LM13	TRCLE	LT	0.148	UGG
0.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.0	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG

Site: BORE SSDS-03-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
0.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.0	24-feb-1988	LM14	GBHC	ND	0.330	UGG
0.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
0.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	NB	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG

Site: BORE SSDS-03-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB242	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
0.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.0	24-feb-1988	LM14	UNK616		11.300	UGG
0.0	24-feb-1988	LM14	UNK617		20.100	UGG
0.0	24-feb-1988	LM14	UNK618		13.700	UGG
0.0	24-feb-1988	LM14	UNK619		15.900	UGG
0.0	24-feb-1988	LM14	UNK620		27.500	UGG
0.0	24-feb-1988	LM14	UNK621		28.000	UGG
0.0	24-feb-1988	LM14	UNK622		12.700	UGG
0.0	24-feb-1988	LM14	UNK623		19.600	UGG
0.0	24-feb-1988	LM14	UNK624		13.200	UGG
0.0	24-feb-1988	LM14	UNK625		14.600	UGG
0.0	24-feb-1988	LM14	UNK626		14.300	UGG
0.0	24-feb-1988	LM14	UNK627		20.000	UGG
0.0	24-feb-1988	LM14	UNK628		17.100	UGG
0.0	24-feb-1988	LM14	UNK629		17.200	UGG
0.0	24-feb-1988	LM14	UNK630		17.100	UGG
0.0	24-feb-1988	LM14	UNK631		16.300	UGG
0.0	24-feb-1988	LM14	UNK632		23.400	UGG
0.0	24-feb-1988	LM14	UNK633		10.700	UGG
0.0	24-feb-1988	LW02	135TNB	LT	1.750	UGG
0.0	24-feb-1988	LW02	13DNB	LT	0.560	UGG
0.0	24-feb-1988	LW02	246TNT	LT	1.820	UGG
0.0	24-feb-1988	LW02	24DNT	LT	0.398	UGG
0.0	24-feb-1988	LW02	26DNT	LT	0.379	UGG
0.0	24-feb-1988	LW02	HMX	LT	1.220	UGG
0.0	24-feb-1988	LW02	NB	LT	0.406	UGG
0.0	24-feb-1988	LW02	RDX	LT	0.860	UGG
0.0	24-feb-1988	LW02	TETRYL	LT	0.263	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-03-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	AG	LT	0.721	UGG
0.5	24-feb-1988	99	AS		13.600	UGG
0.5	24-feb-1988	99	BE	LT	0.367	UGG
0.5	24-feb-1988	99	BR	LT	100.000	UGG
0.5	24-feb-1988	99	CD		1.160	UGG
0.5	24-feb-1988	99	CL	LT	13900.000	UGG
0.5	24-feb-1988	99	CR		15.600	UGG
0.5	24-feb-1988	99	CU		13.000	UGG
0.5	24-feb-1988	99	F	LT	11.100	UGG
0.5	24-feb-1988	99	NA		138.000	UGG
0.5	24-feb-1988	99	NI		9.530	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	PB		32.600	UGG
0.5	24-feb-1988	99	SB	LT	28.100	UGG
0.5	24-feb-1988	99	SE	LT	2.340	UGG
0.5	24-feb-1988	99	SO4	LT	13900.000	UGG
0.5	24-feb-1988	99	TL	LT	8.820	UGG
0.5	24-feb-1988	99	ZN	LT	57.800	UGG
0.5	24-feb-1988	J808	HG	LT	0.113	UGG
0.5	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.5	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.5	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.5	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.5	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.5	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.5	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.5	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.5	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEE	ND	0.050	UGG

Site: BORE SSDS-03-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM13	TRCLE	LT	0.145	UGG
0.5	24-feb-1988	LM14	124TCB	ND	0.300	UGG
0.5	24-feb-1988	LM14	12DPH	ND	0.300	UGG
0.5	24-feb-1988	LM14	246TCP	ND	0.300	UGG
0.5	24-feb-1988	LM14	24DCLP	ND	0.300	UGG
0.5	24-feb-1988	LM14	24DMPN	ND	0.300	UGG
0.5	24-feb-1988	LM14	24DNP	ND	2.000	UGG
0.5	24-feb-1988	LM14	24DNT	ND	0.300	UGG
0.5	24-feb-1988	LM14	26DNT	ND	0.300	UGG
0.5	24-feb-1988	LM14	2CLP	ND	0.300	UGG
0.5	24-feb-1988	LM14	2CNAP	ND	0.300	UGG
0.5	24-feb-1988	LM14	2NP	ND	0.300	UGG
0.5	24-feb-1988	LM14	33DCBD	ND	0.700	UGG
0.5	24-feb-1988	LM14	46DN2C	ND	2.000	UGG
0.5	24-feb-1988	LM14	4BRPPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	4CL3C	ND	0.300	UGG
0.5	24-feb-1988	LM14	4CLPPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	4NP	ND	2.000	UGG
0.5	24-feb-1988	LM14	ABHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	AENSLF	ND	0.500	UGG
0.5	24-feb-1988	LM14	ALDRN	ND	0.500	UGG
0.5	24-feb-1988	LM14	ANAPNE	ND	0.300	UGG
0.5	24-feb-1988	LM14	ANAPYL	ND	0.300	UGG
0.5	24-feb-1988	LM14	ANTRC	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CEXM	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CIPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CLEE	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2EHP	ND	0.300	UGG
0.5	24-feb-1988	LM14	BAANTR	ND	0.300	UGG
0.5	24-feb-1988	LM14	BAPYR	ND	0.300	UGG
0.5	24-feb-1988	LM14	BBFANT	ND	0.300	UGG
0.5	24-feb-1988	LM14	BBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	BBNTHP		2.860	UGG
0.5	24-feb-1988	LM14	BBZP	ND	0.300	UGG
0.5	24-feb-1988	LM14	BENSLF	ND	1.000	UGG
0.5	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.5	24-feb-1988	LM14	BGHIPY	ND	0.300	UGG
0.5	24-feb-1988	LM14	BKFANT	ND	0.300	UGG
0.5	24-feb-1988	LM14	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM14	CHRY	ND	0.300	UGG
0.5	24-feb-1988	LM14	CL6BZ	ND	0.300	UGG
0.5	24-feb-1988	LM14	CL6CP	ND	0.300	UGG
0.5	24-feb-1988	LM14	CL6ET	ND	0.300	UGG
0.5	24-feb-1988	LM14	CLDAN	ND	5.000	UGG
0.5	24-feb-1988	LM14	DBAHA	ND	0.300	UGG
0.5	24-feb-1988	LM14	DBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	DEP	ND	0.300	UGG

Site: BORE SSDS-03-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	DLDRN	ND	1.000	UGG
0.5	24-feb-1988	LM14	DMP	ND	0.300	UGG
0.5	24-feb-1988	LM14	DNBP	ND	0.300	UGG
0.5	24-feb-1988	LM14	DNOP	ND	0.300	UGG
0.5	24-feb-1988	LM14	ENDRN	ND	1.000	UGG
0.5	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.5	24-feb-1988	LM14	ESFSO4	ND	1.000	UGG
0.5	24-feb-1988	LM14	FANT		0.610	UGG
0.5	24-feb-1988	LM14	FLRENE	ND	0.300	UGG
0.5	24-feb-1988	LM14	GBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	HCBD	ND	0.300	UGG
0.5	24-feb-1988	LM14	HPCL	ND	0.500	UGG
0.5	24-feb-1988	LM14	HPCLE	ND	0.500	UGG
0.5	24-feb-1988	LM14	HXAB2E		30.800	UGG
0.5	24-feb-1988	LM14	ICDPYR	ND	0.300	UGG
0.5	24-feb-1988	LM14	ISOPHR	ND	0.300	UGG
0.5	24-feb-1988	LM14	LIN	ND	0.061	UGG
0.5	24-feb-1988	LM14	NAP	ND	0.300	UGG
0.5	24-feb-1988	LM14	NB	ND	0.300	UGG
0.5	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDNPA	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB016	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB221	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB232	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB242	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB248	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB254	ND	10.000	UGG
0.5	24-feb-1988	LM14	PCB260	ND	10.000	UGG
0.5	24-feb-1988	LM14	PCP	ND	2.000	UGG
0.5	24-feb-1988	LM14	PHANTR	ND	0.300	UGG
0.5	24-feb-1988	LM14	PHENOL	ND	0.300	UGG
0.5	24-feb-1988	LM14	PPDDD	ND	1.000	UGG
0.5	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.5	24-feb-1988	LM14	PPDDT	ND	0.490	UGG
0.5	24-feb-1988	LM14	PYR	ND	0.300	UGG
0.5	24-feb-1988	LM14	TXPHEN	ND	7.000	UGG
0.5	24-feb-1988	LM14	UNK118		1.960	UGG
0.5	24-feb-1988	LM14	UNK120		3.860	UGG
0.5	24-feb-1988	LM14	UNK121		3.180	UGG
0.5	24-feb-1988	LM14	UNK584		3.760	UGG
0.5	24-feb-1988	LM14	UNK585		4.860	UGG
0.5	24-feb-1988	LM14	UNK586		3.660	UGG
0.5	24-feb-1988	LM14	UNK587		2.800	UGG
0.5	24-feb-1988	LM14	UNK588		2.280	UGG
0.5	24-feb-1988	LM14	UNK589		2.420	UGG
0.5	24-feb-1988	LM14	UNK590		2.260	UGG
0.5	24-feb-1988	LM14	UNK591		4.520	UGG
0.5	24-feb-1988	LM14	UNK592		2.900	UGG

Site: BORE SSDS-03-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	UNK593		2.220	UGG
0.5	24-feb-1988	LM14	UNK594		2.860	UGG
0.5	24-feb-1988	LM14	UNK595		2.360	UGG
0.5	24-feb-1988	LW02	135TNB	LT	1.840	UGG
0.5	24-feb-1988	LW02	13DNB	LT	0.591	UGG
0.5	24-feb-1988	LW02	246TNT	LT	1.920	UGG
0.5	24-feb-1988	LW02	24DNT	LT	0.421	UGG
0.5	24-feb-1988	LW02	26DNT	LT	0.401	UGG
0.5	24-feb-1988	LW02	HMX	LT	1.280	UGG
0.5	24-feb-1988	LW02	NB	LT	0.428	UGG
0.5	24-feb-1988	LW02	RDX	LT	0.908	UGG
0.5	24-feb-1988	LW02	TETRYL	LT	0.278	UGG

Site: BORE SSDS-03-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	AG	LT	0.739	UGG
1.0	24-feb-1988	99	AS	LT	6.500	UGG
1.0	24-feb-1988	99	BE	LT	0.376	UGG
1.0	24-feb-1988	99	BR	LT	100.000	UGG
1.0	24-feb-1988	99	CD	LT	0.798	UGG
1.0	24-feb-1988	99	CL	LT	14200.000	UGG
1.0	24-feb-1988	99	CR		13.300	UGG
1.0	24-feb-1988	99	CU		16.200	UGG
1.0	24-feb-1988	99	F	LT	11.400	UGG
1.0	24-feb-1988	99	NA		219.000	UGG
1.0	24-feb-1988	99	NI		8.990	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
1.0	24-feb-1988	99	PB		14.800	UGG
1.0	24-feb-1988	99	SB	LT	28.800	UGG
1.0	24-feb-1988	99	SE	LT	2.390	UGG
1.0	24-feb-1988	99	SO4	LT	14200.000	UGG
1.0	24-feb-1988	99	TL	LT	9.040	UGG
1.0	24-feb-1988	99	ZN	LT	59.300	UGG
1.0	24-feb-1988	JB08	HG	LT	0.116	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG

Site: BORE SSDS-03-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
1.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
1.0	24-feb-1988	LM14	124TCB	ND	0.300	UGG
1.0	24-feb-1988	LM14	12DPH	ND	0.300	UGG
1.0	24-feb-1988	LM14	246TCP	ND	0.300	UGG
1.0	24-feb-1988	LM14	24DCLP	ND	0.300	UGG
1.0	24-feb-1988	LM14	24DMPN	ND	0.300	UGG
1.0	24-feb-1988	LM14	24DNP	ND	2.000	UGG
1.0	24-feb-1988	LM14	24DNT	ND	0.300	UGG
1.0	24-feb-1988	LM14	26DNT	ND	0.300	UGG
1.0	24-feb-1988	LM14	2CLP	ND	0.300	UGG
1.0	24-feb-1988	LM14	2CNAP	ND	0.300	UGG
1.0	24-feb-1988	LM14	2NP	ND	0.300	UGG
1.0	24-feb-1988	LM14	33DCBD	ND	0.700	UGG
1.0	24-feb-1988	LM14	46DN2C	ND	2.000	UGG
1.0	24-feb-1988	LM14	4BRPPE	ND	0.300	UGG
1.0	24-feb-1988	LM14	4CL3C	ND	0.300	UGG
1.0	24-feb-1988	LM14	4CLPPE	ND	0.300	UGG
1.0	24-feb-1988	LM14	4NP	ND	2.000	UGG
1.0	24-feb-1988	LM14	ABHC	ND	0.500	UGG
1.0	24-feb-1988	LM14	AENSLF	ND	0.500	UGG
1.0	24-feb-1988	LM14	ALDRN	ND	0.500	UGG
1.0	24-feb-1988	LM14	ANAPNE	ND	0.300	UGG
1.0	24-feb-1988	LM14	ANAPYL	ND	0.300	UGG
1.0	24-feb-1988	LM14	ANTRC	ND	0.300	UGG
1.0	24-feb-1988	LM14	B2CEXM	ND	0.300	UGG
1.0	24-feb-1988	LM14	B2CIPE	ND	0.300	UGG
1.0	24-feb-1988	LM14	B2CLEE	ND	0.300	UGG

Site: BORE SSDS-03-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	B2EHP	ND	0.300	UGG
1.0	24-feb-1988	LM14	BAANTR	ND	0.300	UGG
1.0	24-feb-1988	LM14	BAPYR	ND	0.300	UGG
1.0	24-feb-1988	LM14	BBFANT	ND	0.300	UGG
1.0	24-feb-1988	LM14	BBHC	ND	0.500	UGG
1.0	24-feb-1988	LM14	BBZP	ND	0.300	UGG
1.0	24-feb-1988	LM14	BENSLF	ND	1.000	UGG
1.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
1.0	24-feb-1988	LM14	BGHIPY	ND	0.300	UGG
1.0	24-feb-1988	LM14	BKFANT	ND	0.300	UGG
1.0	24-feb-1988	LM14	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM14	CHRY	ND	0.300	UGG
1.0	24-feb-1988	LM14	CL6BZ	ND	0.300	UGG
1.0	24-feb-1988	LM14	CL6CP	ND	0.300	UGG
1.0	24-feb-1988	LM14	CL6ET	ND	0.300	UGG
1.0	24-feb-1988	LM14	CLDAN	ND	5.000	UGG
1.0	24-feb-1988	LM14	DBAHA	ND	0.300	UGG
1.0	24-feb-1988	LM14	DBHC	ND	0.500	UGG
1.0	24-feb-1988	LM14	DEP	ND	0.300	UGG
1.0	24-feb-1988	LM14	DLDRN	ND	1.000	UGG
1.0	24-feb-1988	LM14	DMP	ND	0.300	UGG
1.0	24-feb-1988	LM14	DNBP	ND	0.300	UGG
1.0	24-feb-1988	LM14	DNOP	ND	0.300	UGG
1.0	24-feb-1988	LM14	ENDRN	ND	1.000	UGG
1.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
1.0	24-feb-1988	LM14	ESFSO4	ND	1.000	UGG
1.0	24-feb-1988	LM14	FANT	ND	0.300	UGG
1.0	24-feb-1988	LM14	FLRENE	ND	0.300	UGG
1.0	24-feb-1988	LM14	GBHC	ND	0.500	UGG
1.0	24-feb-1988	LM14	HCBD	ND	0.300	UGG
1.0	24-feb-1988	LM14	HPCL	ND	0.500	UGG
1.0	24-feb-1988	LM14	HPCLE	ND	0.500	UGG
1.0	24-feb-1988	LM14	HXAB2E		5.110	UGG
1.0	24-feb-1988	LM14	ICDPYR	ND	0.300	UGG
1.0	24-feb-1988	LM14	ISOPHR	ND	0.300	UGG
1.0	24-feb-1988	LM14	LIN	ND	0.061	UGG
1.0	24-feb-1988	LM14	NAP	ND	0.300	UGG
1.0	24-feb-1988	LM14	NB	ND	0.300	UGG
1.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDNPA	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB016	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB221	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB232	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB242	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB248	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB254	ND	10.000	UGG
1.0	24-feb-1988	LM14	PCB260	ND	10.000	UGG
1.0	24-feb-1988	LM14	PCP	ND	2.000	UGG

Site: BORE SSDS-03-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	PHANTR	ND	0.300	UGG
1.0	24-feb-1988	LM14	PHENOL	ND	0.300	UGG
1.0	24-feb-1988	LM14	PPDDD	ND	1.000	UGG
1.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
1.0	24-feb-1988	LM14	PPDDT	ND	0.490	UGG
1.0	24-feb-1988	LM14	PYR	ND	0.300	UGG
1.0	24-feb-1988	LM14	TXPHEN	ND	7.000	UGG
1.0	24-feb-1988	LM14	UNK591		0.360	UGG
1.0	24-feb-1988	LM14	UNK592		0.480	UGG
1.0	24-feb-1988	LM14	UNK593		1.140	UGG
1.0	24-feb-1988	LM14	UNK594		0.800	UGG
1.0	24-feb-1988	LM14	UNK595		0.270	UGG
1.0	24-feb-1988	LM14	UNK596		0.620	UGG
1.0	24-feb-1988	LM14	UNK597		0.520	UGG
1.0	24-feb-1988	LM14	UNK598		0.500	UGG
1.0	24-feb-1988	LM14	UNK599		0.510	UGG
1.0	24-feb-1988	LM14	UNK600		0.350	UGG
1.0	24-feb-1988	LM14	UNK601		0.530	UGG
1.0	24-feb-1988	LM14	UNK602		0.540	UGG
1.0	24-feb-1988	LM14	UNK603		0.880	UGG
1.0	24-feb-1988	LM14	UNK604		0.370	UGG
1.0	24-feb-1988	LM14	UNK605		0.540	UGG
1.0	24-feb-1988	LM14	UNK606		0.440	UGG
1.0	24-feb-1988	LM14	UNK607		0.520	UGG
1.0	24-feb-1988	LM14	UNK608		0.370	UGG
1.0	24-feb-1988	LM14	UNK609		0.380	UGG
1.0	24-feb-1988	LW02	135TNB	LT	1.870	UGG
1.0	24-feb-1988	LW02	13DNB	LT	0.599	UGG
1.0	24-feb-1988	LW02	246TNT	LT	1.950	UGG
1.0	24-feb-1988	LW02	24DNT	LT	0.426	UGG
1.0	24-feb-1988	LW02	26DNT	LT	0.406	UGG
1.0	24-feb-1988	LW02	HMX	LT	1.300	UGG
1.0	24-feb-1988	LW02	NB	LT	0.434	UGG
1.0	24-feb-1988	LW02	RDX	LT	0.920	UGG
1.0	24-feb-1988	LW02	TETRYL	LT	0.281	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-04-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	AG	LT	0.680	UGG
0.0	24-feb-1988	99	AS		22.200	UGG
0.0	24-feb-1988	99	BE	LT	0.346	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	CD		2.500	UGG
0.0	24-feb-1988	99	CL	LT	13100.000	UGG
0.0	24-feb-1988	99	CL	LT	13100.000	UGG
0.0	24-feb-1988	99	CR		18.300	UGG
0.0	24-feb-1988	99	CU		24.400	UGG
0.0	24-feb-1988	99	F	LT	10.400	UGG
0.0	24-feb-1988	99	F	LT	10.400	UGG
0.0	24-feb-1988	99	NA		62.500	UGG
0.0	24-feb-1988	99	NI	LT	5.040	UGG
0.0	24-feb-1988	99	NIT	LT	0.000	UGG
0.0	24-feb-1988	99	PB		9.890	UGG
0.0	24-feb-1988	99	SB	LT	26.500	UGG
0.0	24-feb-1988	99	SE	LT	2.200	UGG
0.0	24-feb-1988	99	SO4	LT	13100.000	UGG
0.0	24-feb-1988	99	SO4	LT	13100.000	UGG
0.0	24-feb-1988	99	TL	LT	8.320	UGG
0.0	24-feb-1988	99	ZN	LT	54.500	UGG
0.0	24-feb-1988	JB08	HG	LT	0.107	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG

Site: BORE SSDS-04-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	24-feb-1988	LM13	TRCLE	LT	0.145	UGG
0.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.0	24-feb-1988	LM14	124TCB	ND	0.300	UGG
0.0	24-feb-1988	LM14	12DPH	ND	0.300	UGG
0.0	24-feb-1988	LM14	246TCP	ND	0.300	UGG
0.0	24-feb-1988	LM14	24DCLP	ND	0.300	UGG
0.0	24-feb-1988	LM14	24DMPN	ND	0.300	UGG
0.0	24-feb-1988	LM14	24DNP	ND	2.000	UGG
0.0	24-feb-1988	LM14	24DNT	ND	0.300	UGG
0.0	24-feb-1988	LM14	26DNT	ND	0.300	UGG
0.0	24-feb-1988	LM14	2CLP	ND	0.300	UGG
0.0	24-feb-1988	LM14	2CNAP	ND	0.300	UGG
0.0	24-feb-1988	LM14	2NP	ND	0.300	UGG
0.0	24-feb-1988	LM14	33DCBD	ND	0.700	UGG

Site: BORE SSDS-04-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	46DN2C	ND	2.000	UGG
0.0	24-feb-1988	LM14	4BRPPE	ND	0.300	UGG
0.0	24-feb-1988	LM14	4CL3C	ND	0.300	UGG
0.0	24-feb-1988	LM14	4CLPPE	ND	0.300	UGG
0.0	24-feb-1988	LM14	4NP	ND	2.000	UGG
0.0	24-feb-1988	LM14	ABHC	ND	0.500	UGG
0.0	24-feb-1988	LM14	AENSLF	ND	0.500	UGG
0.0	24-feb-1988	LM14	ALDRN	ND	0.500	UGG
0.0	24-feb-1988	LM14	ANAPNE	ND	0.300	UGG
0.0	24-feb-1988	LM14	ANAPYL	ND	0.300	UGG
0.0	24-feb-1988	LM14	ANTRC	ND	0.300	UGG
0.0	24-feb-1988	LM14	B2CEXM	ND	0.300	UGG
0.0	24-feb-1988	LM14	B2CIPE	ND	0.300	UGG
0.0	24-feb-1988	LM14	B2CLEE	ND	0.300	UGG
0.0	24-feb-1988	LM14	B2EHP	ND	0.300	UGG
0.0	24-feb-1988	LM14	BAANTR		0.500	UGG
0.0	24-feb-1988	LM14	BAPYR		0.660	UGG
0.0	24-feb-1988	LM14	BBFANT		0.600	UGG
0.0	24-feb-1988	LM14	BBHC	ND	0.500	UGG
0.0	24-feb-1988	LM14	BBZP	ND	0.300	UGG
0.0	24-feb-1988	LM14	BENSLF	ND	1.000	UGG
0.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.0	24-feb-1988	LM14	BGHIPY	ND	0.300	UGG
0.0	24-feb-1988	LM14	BKFANT	ND	0.300	UGG
0.0	24-feb-1988	LM14	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM14	CHRY		1.650	UGG
0.0	24-feb-1988	LM14	CL6BZ	ND	0.300	UGG
0.0	24-feb-1988	LM14	CL6CP	ND	0.300	UGG
0.0	24-feb-1988	LM14	CL6ET	ND	0.300	UGG
0.0	24-feb-1988	LM14	CLDAN	ND	5.000	UGG
0.0	24-feb-1988	LM14	DBAHA	ND	0.300	UGG
0.0	24-feb-1988	LM14	DBHC	ND	0.500	UGG
0.0	24-feb-1988	LM14	DEP	ND	0.300	UGG
0.0	24-feb-1988	LM14	DLDRN	ND	1.000	UGG
0.0	24-feb-1988	LM14	DMP	ND	0.300	UGG
0.0	24-feb-1988	LM14	DNBP	ND	0.300	UGG
0.0	24-feb-1988	LM14	DNOP	ND	0.300	UGG
0.0	24-feb-1988	LM14	ENDRN	ND	1.000	UGG
0.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.0	24-feb-1988	LM14	ESFSO4	ND	1.000	UGG
0.0	24-feb-1988	LM14	FANT	ND	0.300	UGG
0.0	24-feb-1988	LM14	FLRENE	ND	0.300	UGG
0.0	24-feb-1988	LM14	GBHC	ND	0.500	UGG
0.0	24-feb-1988	LM14	HCBD	ND	0.300	UGG
0.0	24-feb-1988	LM14	HPCL	ND	0.500	UGG
0.0	24-feb-1988	LM14	HPCLE	ND	0.500	UGG
0.0	24-feb-1988	LM14	HXAB2E		24.600	UGG
0.0	24-feb-1988	LM14	ICDPYR	ND	0.300	UGG

Site: BORE SSDS-04-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	ISOPHR	ND	0.300	UGG
0.0	24-feb-1988	LM14	LIN	ND	0.061	UGG
0.0	24-feb-1988	LM14	NAP	ND	0.300	UGG
0.0	24-feb-1988	LM14	NB	ND	0.300	UGG
0.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDNPA	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB016	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB221	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB232	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB242	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB248	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB254	ND	10.000	UGG
0.0	24-feb-1988	LM14	PCB260	ND	10.000	UGG
0.0	24-feb-1988	LM14	PCP	ND	2.000	UGG
0.0	24-feb-1988	LM14	PHANTR	ND	0.300	UGG
0.0	24-feb-1988	LM14	PHENOL	ND	0.300	UGG
0.0	24-feb-1988	LM14	PPDDD	ND	1.000	UGG
0.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.0	24-feb-1988	LM14	PPDDT	ND	0.490	UGG
0.0	24-feb-1988	LM14	PYR		5.400	UGG
0.0	24-feb-1988	LM14	TXPHEN	ND	7.000	UGG
0.0	24-feb-1988	LM14	UNK585		10.600	UGG
0.0	24-feb-1988	LM14	UNK586		8.140	UGG
0.0	24-feb-1988	LM14	UNK587		7.010	UGG
0.0	24-feb-1988	LM14	UNK588		6.950	UGG
0.0	24-feb-1988	LM14	UNK589		10.700	UGG
0.0	24-feb-1988	LM14	UNK590		11.900	UGG
0.0	24-feb-1988	LM14	UNK591		10.300	UGG
0.0	24-feb-1988	LM14	UNK596		0.570	UGG
0.0	24-feb-1988	LM14	UNK597		1.060	UGG
0.0	24-feb-1988	LM14	UNK601		1.060	UGG
0.0	24-feb-1988	LM14	UNK602		0.820	UGG
0.0	24-feb-1988	LM14	UNK603		1.070	UGG
0.0	24-feb-1988	LM14	UNK604		0.560	UGG
0.0	24-feb-1988	LM14	UNK605		0.490	UGG
0.0	24-feb-1988	LM14	UNK606		0.470	UGG
0.0	24-feb-1988	LM14	UNK616		7.220	UGG
0.0	24-feb-1988	LM14	UNK617		14.200	UGG
0.0	24-feb-1988	LM14	UNK618		5.590	UGG
0.0	24-feb-1988	LM14	UNK619		10.600	UGG
0.0	24-feb-1988	LM14	UNK620		9.290	UGG
0.0	24-feb-1988	LM14	UNK621		14.500	UGG
0.0	24-feb-1988	LM14	UNK622		28.000	UGG
0.0	24-feb-1988	LM14	UNK623		11.500	UGG
0.0	24-feb-1988	LM14	UNK624		11.000	UGG
0.0	24-feb-1988	LM14	UNK625		7.310	UGG
0.0	24-feb-1988	LM14	UNK626		9.280	UGG
0.0	24-feb-1988	LM14	UNK627		12.700	UGG

Site: BORE SSDS-04-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LW02	135TNB	LT	1.740	UGG
0.0	24-feb-1988	LW02	13DNB	LT	0.558	UGG
0.0	24-feb-1988	LW02	246TNT	LT	1.820	UGG
0.0	24-feb-1988	LW02	24DNT	LT	0.397	UGG
0.0	24-feb-1988	LW02	26DNT	LT	0.378	UGG
0.0	24-feb-1988	LW02	HMX	LT	1.210	UGG
0.0	24-feb-1988	LW02	NB	LT	0.405	UGG
0.0	24-feb-1988	LW02	RDX	LT	0.858	UGG
0.0	24-feb-1988	LW02	TETRYL	LT	0.262	UGG

Site: BORE SSDS-04-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	AG	LT	0.708	UGG
0.5	24-feb-1988	99	AS		9.640	UGG
0.5	24-feb-1988	99	BE	LT	0.361	UGG
0.5	24-feb-1988	99	BR	LT	100.000	UGG
0.5	24-feb-1988	99	CD		0.933	UGG
0.5	24-feb-1988	99	CL	LT	13700.000	UGG
0.5	24-feb-1988	99	CR		13.200	UGG
0.5	24-feb-1988	99	CU		19.600	UGG
0.5	24-feb-1988	99	F	LT	10.700	UGG
0.5	24-feb-1988	99	NA		175.000	UGG
0.5	24-feb-1988	99	NI		9.480	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	PB		26.700	UGG
0.5	24-feb-1988	99	SB	LT	27.700	UGG
0.5	24-feb-1988	99	SE	LT	2.300	UGG
0.5	24-feb-1988	99	SO4	LT	13700.000	UGG
0.5	24-feb-1988	99	TL	LT	8.670	UGG
0.5	24-feb-1988	99	ZN		142.000	UGG
0.5	24-feb-1988	JB08	HG	LT	0.111	UGG
0.5	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.5	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.5	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG

Site: BORE SSDS-04-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.5	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.5	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.5	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.5	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.5	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.5	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.5	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.5	24-feb-1988	LM14	124TCB	ND	0.300	UGG
0.5	24-feb-1988	LM14	12DPH	ND	0.300	UGG
0.5	24-feb-1988	LM14	246TCP	ND	0.300	UGG
0.5	24-feb-1988	LM14	24DCLP	ND	0.300	UGG
0.5	24-feb-1988	LM14	24DMPN	ND	0.300	UGG
0.5	24-feb-1988	LM14	24DNP	ND	2.000	UGG
0.5	24-feb-1988	LM14	24DNT	ND	0.300	UGG
0.5	24-feb-1988	LM14	26DNT	ND	0.300	UGG
0.5	24-feb-1988	LM14	2CLP	ND	0.300	UGG
0.5	24-feb-1988	LM14	2CNAP	ND	0.300	UGG
0.5	24-feb-1988	LM14	2NP	ND	0.300	UGG
0.5	24-feb-1988	LM14	33DCBD	ND	0.700	UGG
0.5	24-feb-1988	LM14	46DN2C	ND	2.000	UGG
0.5	24-feb-1988	LM14	4BRPPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	4CL3C	ND	0.300	UGG
0.5	24-feb-1988	LM14	4CLPPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	4NP	ND	2.000	UGG
0.5	24-feb-1988	LM14	ABHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	AENSLF	ND	0.500	UGG
0.5	24-feb-1988	LM14	ALDRN	ND	0.500	UGG
0.5	24-feb-1988	LM14	ANAPNE	ND	0.300	UGG
0.5	24-feb-1988	LM14	ANAPYL	ND	0.300	UGG
0.5	24-feb-1988	LM14	ANTRC	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CEXM	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CIPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CLEE	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2EHP	ND	0.300	UGG
0.5	24-feb-1988	LM14	BAANTR	ND	0.300	UGG
0.5	24-feb-1988	LM14	BAPYR	ND	0.300	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-04-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	BBFANT	ND	0.300	UGG
0.5	24-feb-1988	LM14	BBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	BBZP	ND	0.300	UGG
0.5	24-feb-1988	LM14	BENSLF	ND	1.000	UGG
0.5	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.5	24-feb-1988	LM14	BGHIPY	ND	0.300	UGG
0.5	24-feb-1988	LM14	BKFANT	ND	0.300	UGG
0.5	24-feb-1988	LM14	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM14	CHRY		0.410	UGG
0.5	24-feb-1988	LM14	CL6BZ	ND	0.300	UGG
0.5	24-feb-1988	LM14	CL6CP	ND	0.300	UGG
0.5	24-feb-1988	LM14	CL6ET	ND	0.300	UGG
0.5	24-feb-1988	LM14	CLDAN	ND	5.000	UGG
0.5	24-feb-1988	LM14	DBAHA	ND	0.300	UGG
0.5	24-feb-1988	LM14	DBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	DEP	ND	0.300	UGG
0.5	24-feb-1988	LM14	DLDRN	ND	1.000	UGG
0.5	24-feb-1988	LM14	DMP	ND	0.300	UGG
0.5	24-feb-1988	LM14	DNBP	ND	0.300	UGG
0.5	24-feb-1988	LM14	DNOP	ND	0.300	UGG
0.5	24-feb-1988	LM14	ENDRN	ND	1.000	UGG
0.5	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.5	24-feb-1988	LM14	ESFSO4	ND	1.000	UGG
0.5	24-feb-1988	LM14	FANT	ND	0.300	UGG
0.5	24-feb-1988	LM14	FLRENE	ND	0.300	UGG
0.5	24-feb-1988	LM14	GBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	HCBD	ND	0.300	UGG
0.5	24-feb-1988	LM14	HPCL	ND	0.500	UGG
0.5	24-feb-1988	LM14	HPCLE	ND	0.500	UGG
0.5	24-feb-1988	LM14	ICDPYR	ND	0.300	UGG
0.5	24-feb-1988	LM14	ISOPHR	ND	0.300	UGG
0.5	24-feb-1988	LM14	LIN	ND	0.061	UGG
0.5	24-feb-1988	LM14	NAP	ND	0.300	UGG
0.5	24-feb-1988	LM14	NB	ND	0.300	UGG
0.5	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDNPA	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB016	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB221	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB232	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB242	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB248	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB254	ND	10.000	UGG
0.5	24-feb-1988	LM14	PCB260	ND	10.000	UGG
0.5	24-feb-1988	LM14	PCP	ND	2.000	UGG
0.5	24-feb-1988	LM14	PHANTR	ND	0.300	UGG
0.5	24-feb-1988	LM14	PHENOL	ND	0.300	UGG
0.5	24-feb-1988	LM14	PPDDD	ND	1.000	UGG
0.5	24-feb-1988	LM14	PPDDE	LT	0.090	UGG

Site: BORE SSDS-04-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	PPDDT	ND	0.490	UGG
0.5	24-feb-1988	LM14	PYR	ND	0.300	UGG
0.5	24-feb-1988	LM14	TXPHEN	ND	7.000	UGG
0.5	24-feb-1988	LM14	UNK543		0.660	UGG
0.5	24-feb-1988	LM14	UNK544		0.300	UGG
0.5	24-feb-1988	LM14	UNK590		0.500	UGG
0.5	24-feb-1988	LM14	UNK592		0.960	UGG
0.5	24-feb-1988	LM14	UNK593		1.820	UGG
0.5	24-feb-1988	LM14	UNK594		1.250	UGG
0.5	24-feb-1988	LM14	UNK595		1.350	UGG
0.5	24-feb-1988	LM14	UNK596		0.650	UGG
0.5	24-feb-1988	LM14	UNK597		0.470	UGG
0.5	24-feb-1988	LM14	UNK598		0.330	UGG
0.5	24-feb-1988	LM14	UNK599		0.350	UGG
0.5	24-feb-1988	LM14	UNK600		0.690	UGG
0.5	24-feb-1988	LM14	UNK601		0.300	UGG
0.5	24-feb-1988	LM14	UNK602		0.320	UGG
0.5	24-feb-1988	LM14	UNK603		0.910	UGG
0.5	24-feb-1988	LM14	UNK604		0.910	UGG
0.5	24-feb-1988	LM14	UNK605		0.350	UGG
0.5	24-feb-1988	LM14	UNK606		0.470	UGG
0.5	24-feb-1988	LM14	UNK607		0.450	UGG
0.5	24-feb-1988	LM14	UNK608		0.910	UGG
0.5	24-feb-1988	LM14	UNK609		0.760	UGG
0.5	24-feb-1988	LM14	UNK610		0.560	UGG
0.5	24-feb-1988	LM14	UNK611		0.510	UGG
0.5	24-feb-1988	LM14	UNK612		1.170	UGG
0.5	24-feb-1988	LM14	UNK613		0.500	UGG
0.5	24-feb-1988	LW02	135TNB	LT	1.800	UGG
0.5	24-feb-1988	LW02	13DNB	LT	0.578	UGG
0.5	24-feb-1988	LW02	246TNT	LT	1.880	UGG
0.5	24-feb-1988	LW02	24DNT	LT	0.412	UGG
0.5	24-feb-1988	LW02	26DNT	LT	0.392	UGG
0.5	24-feb-1988	LW02	HMX	LT	1.260	UGG
0.5	24-feb-1988	LW02	NB	LT	0.419	UGG
0.5	24-feb-1988	LW02	RDX	LT	0.889	UGG
0.5	24-feb-1988	LW02	TETRYL	LT	0.272	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-04-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	AG	LT	0.740	UGG
1.0	24-feb-1988	99	AS		8.130	UGG
1.0	24-feb-1988	99	BE	LT	0.377	UGG
1.0	24-feb-1988	99	BR	LT	100.000	UGG
1.0	24-feb-1988	99	CD		0.804	UGG
1.0	24-feb-1988	99	CL	LT	14300.000	UGG
1.0	24-feb-1988	99	CR		16.700	UGG
1.0	24-feb-1988	99	CU		17.400	UGG
1.0	24-feb-1988	99	F	LT	11.100	UGG
1.0	24-feb-1988	99	NA		182.000	UGG
1.0	24-feb-1988	99	NI		8.010	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
1.0	24-feb-1988	99	PB		25.200	UGG
1.0	24-feb-1988	99	SB	LT	28.900	UGG
1.0	24-feb-1988	99	SE	LT	2.400	UGG
1.0	24-feb-1988	99	SO4	LT	14300.000	UGG
1.0	24-feb-1988	99	TL	LT	9.060	UGG
1.0	24-feb-1988	99	ZN		1090.000	UGG
1.0	24-feb-1988	JB08	HG	LT	0.116	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG

Site: BORE SSDS-04-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
1.0	24-feb-1988	LM14	124TCB	ND	0.300	UGG
1.0	24-feb-1988	LM14	12DPH	ND	0.300	UGG
1.0	24-feb-1988	LM14	246TCP	ND	0.300	UGG
1.0	24-feb-1988	LM14	24DCLP	ND	0.300	UGG
1.0	24-feb-1988	LM14	24DMPN	ND	0.300	UGG
1.0	24-feb-1988	LM14	24DNP	ND	2.000	UGG
1.0	24-feb-1988	LM14	24DNT	ND	0.300	UGG
1.0	24-feb-1988	LM14	26DNT	ND	0.300	UGG
1.0	24-feb-1988	LM14	2CLP	ND	0.300	UGG
1.0	24-feb-1988	LM14	2CNAP	ND	0.300	UGG
1.0	24-feb-1988	LM14	2NP	ND	0.300	UGG
1.0	24-feb-1988	LM14	33DCBD	ND	0.700	UGG
1.0	24-feb-1988	LM14	46DN2C	ND	2.000	UGG
1.0	24-feb-1988	LM14	4BRPPE	ND	0.300	UGG
1.0	24-feb-1988	LM14	4CL3C	ND	0.300	UGG
1.0	24-feb-1988	LM14	4CLPPE	ND	0.300	UGG
1.0	24-feb-1988	LM14	4NP	ND	2.000	UGG
1.0	24-feb-1988	LM14	ABHC	ND	0.500	UGG
1.0	24-feb-1988	LM14	AENSLF	ND	0.500	UGG
1.0	24-feb-1988	LM14	ALDRN	ND	0.500	UGG
1.0	24-feb-1988	LM14	ANAPNE	ND	0.300	UGG
1.0	24-feb-1988	LM14	ANAPYL	ND	0.300	UGG
1.0	24-feb-1988	LM14	ANTRC	ND	0.300	UGG
1.0	24-feb-1988	LM14	B2CEXM	ND	0.300	UGG
1.0	24-feb-1988	LM14	B2CIPE	ND	0.300	UGG
1.0	24-feb-1988	LM14	B2CLEE	ND	0.300	UGG
1.0	24-feb-1988	LM14	B2EHP	ND	0.300	UGG
1.0	24-feb-1988	LM14	BAANTR	ND	0.300	UGG
1.0	24-feb-1988	LM14	BAPYR	ND	0.300	UGG
1.0	24-feb-1988	LM14	BBFANT	ND	0.300	UGG
1.0	24-feb-1988	LM14	BBHC	ND	0.500	UGG
1.0	24-feb-1988	LM14	BBZP	ND	0.300	UGG
1.0	24-feb-1988	LM14	BENSLF	ND	1.000	UGG
1.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
1.0	24-feb-1988	LM14	BGHIPY	ND	0.300	UGG
1.0	24-feb-1988	LM14	BKFANT	ND	0.300	UGG
1.0	24-feb-1988	LM14	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM14	CHRY	ND	0.300	UGG
1.0	24-feb-1988	LM14	CL6BZ	ND	0.300	UGG
1.0	24-feb-1988	LM14	CL6CP	ND	0.300	UGG
1.0	24-feb-1988	LM14	CL6ET	ND	0.300	UGG
1.0	24-feb-1988	LM14	CLDAN	ND	5.000	UGG
1.0	24-feb-1988	LM14	DBAHA	ND	0.300	UGG
1.0	24-feb-1988	LM14	DBHC	ND	0.500	UGG
1.0	24-feb-1988	LM14	DEP	ND	0.300	UGG
1.0	24-feb-1988	LM14	DLDRN	ND	1.000	UGG

Site: BORE SSDS-04-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	DMP	ND	0.300	UGG
1.0	24-feb-1988	LM14	DNBP	ND	0.300	UGG
1.0	24-feb-1988	LM14	DNOP	ND	0.300	UGG
1.0	24-feb-1988	LM14	ENDRN	ND	1.000	UGG
1.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
1.0	24-feb-1988	LM14	ESFSO4	ND	1.000	UGG
1.0	24-feb-1988	LM14	FANT	ND	0.300	UGG
1.0	24-feb-1988	LM14	FLRENE	ND	0.300	UGG
1.0	24-feb-1988	LM14	GBHC	ND	0.500	UGG
1.0	24-feb-1988	LM14	HCBD	ND	0.300	UGG
1.0	24-feb-1988	LM14	HPCL	ND	0.500	UGG
1.0	24-feb-1988	LM14	HPCLE	ND	0.500	UGG
1.0	24-feb-1988	LM14	ICDPYR	ND	0.300	UGG
1.0	24-feb-1988	LM14	ISOPHR	ND	0.300	UGG
1.0	24-feb-1988	LM14	LIN	ND	0.061	UGG
1.0	24-feb-1988	LM14	NAP	ND	0.300	UGG
1.0	24-feb-1988	LM14	NB	ND	0.300	UGG
1.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDNPA	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB016	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB221	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB232	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB242	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB248	ND	5.000	UGG
1.0	24-feb-1988	LM14	PCB254	ND	10.000	UGG
1.0	24-feb-1988	LM14	PCB260	ND	10.000	UGG
1.0	24-feb-1988	LM14	PCP	ND	2.000	UGG
1.0	24-feb-1988	LM14	PHANTR	ND	0.300	UGG
1.0	24-feb-1988	LM14	PHENOL	ND	0.300	UGG
1.0	24-feb-1988	LM14	PPDDD	ND	1.000	UGG
1.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
1.0	24-feb-1988	LM14	PPDDT	ND	0.490	UGG
1.0	24-feb-1988	LM14	PYR	ND	0.300	UGG
1.0	24-feb-1988	LM14	TXPHEN	ND	7.000	UGG
1.0	24-feb-1988	LM14	UNK586		0.630	UGG
1.0	24-feb-1988	LM14	UNK587		1.020	UGG
1.0	24-feb-1988	LM14	UNK588		0.640	UGG
1.0	24-feb-1988	LM14	UNK589		0.990	UGG
1.0	24-feb-1988	LM14	UNK590		1.040	UGG
1.0	24-feb-1988	LM14	UNK591		0.750	UGG
1.0	24-feb-1988	LM14	UNK592		1.080	UGG
1.0	24-feb-1988	LM14	UNK593		3.340	UGG
1.0	24-feb-1988	LM14	UNK594		0.810	UGG
1.0	24-feb-1988	LM14	UNK595		1.490	UGG
1.0	24-feb-1988	LM14	UNK596		0.790	UGG
1.0	24-feb-1988	LM14	UNK597		1.800	UGG
1.0	24-feb-1988	LM14	UNK598		1.690	UGG
1.0	24-feb-1988	LM14	UNK599		2.060	UGG

Site: BORE SSDS-04-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	UNK603		0.370	UGG
1.0	24-feb-1988	LM14	UNK608		0.570	UGG
1.0	24-feb-1988	LM14	UNK609		0.470	UGG
1.0	24-feb-1988	LM14	UNK610		0.440	UGG
1.0	24-feb-1988	LM14	UNK611		0.320	UGG
1.0	24-feb-1988	LM14	UNK619		0.570	UGG
1.0	24-feb-1988	LM14	UNK621		0.560	UGG
1.0	24-feb-1988	LW02	135TNB	LT	1.890	UGG
1.0	24-feb-1988	LW02	13DNB	LT	0.606	UGG
1.0	24-feb-1988	LW02	246TNT	LT	1.970	UGG
1.0	24-feb-1988	LW02	24DNT	LT	0.431	UGG
1.0	24-feb-1988	LW02	26DNT	LT	0.411	UGG
1.0	24-feb-1988	LW02	HMX	LT	1.320	UGG
1.0	24-feb-1988	LW02	NB	LT	0.439	UGG
1.0	24-feb-1988	LW02	RDX	LT	0.931	UGG
1.0	24-feb-1988	LW02	TETRYL	LT	0.285	UGG

Site: BORE SSDS-05-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	AG	LT	0.695	UGG
0.0	24-feb-1988	99	AS		6.490	UGG
0.0	24-feb-1988	99	BE	LT	0.354	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	CD	LT	0.750	UGG
0.0	24-feb-1988	99	CL	LT	13400.000	UGG
0.0	24-feb-1988	99	CR		7.840	UGG
0.0	24-feb-1988	99	CU		11.000	UGG
0.0	24-feb-1988	99	F	LT	10.500	UGG
0.0	24-feb-1988	99	NA		126.000	UGG
0.0	24-feb-1988	99	NI		5.330	UGG
0.0	24-feb-1988	99	NIT	LT	0.000	UGG
0.0	24-feb-1988	99	PB		7.740	UGG
0.0	24-feb-1988	99	SB	LT	27.100	UGG
0.0	24-feb-1988	99	SE	LT	2.250	UGG
0.0	24-feb-1988	99	SO4	LT	13400.000	UGG
0.0	24-feb-1988	99	TL	LT	8.500	UGG
0.0	24-feb-1988	99	ZN		1020.000	UGG
0.0	24-feb-1988	JB08	HG	LT	0.109	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG

Site: BORE SSDS-05-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.0	24-feb-1988	LM14	124TCB	ND	0.300	UGG
0.0	24-feb-1988	LM14	12DPH	ND	0.300	UGG
0.0	24-feb-1988	LM14	246TCP	ND	0.300	UGG
0.0	24-feb-1988	LM14	24DCLP	ND	0.300	UGG
0.0	24-feb-1988	LM14	24DMPN	ND	0.300	UGG
0.0	24-feb-1988	LM14	24DNP	ND	2.000	UGG
0.0	24-feb-1988	LM14	24DNT	ND	0.300	UGG
0.0	24-feb-1988	LM14	26DNT	ND	0.300	UGG
0.0	24-feb-1988	LM14	2CLP	ND	0.300	UGG
0.0	24-feb-1988	LM14	2CNAP	ND	0.300	UGG
0.0	24-feb-1988	LM14	2NP	ND	0.300	UGG
0.0	24-feb-1988	LM14	33DCBD	ND	0.700	UGG
0.0	24-feb-1988	LM14	46DN2C	ND	2.000	UGG
0.0	24-feb-1988	LM14	4BRPPE	ND	0.300	UGG
0.0	24-feb-1988	LM14	4CL3C	ND	0.300	UGG
0.0	24-feb-1988	LM14	4CLPPE	ND	0.300	UGG
0.0	24-feb-1988	LM14	4NP	ND	2.000	UGG
0.0	24-feb-1988	LM14	ABHC	ND	0.500	UGG
0.0	24-feb-1988	LM14	AENSLF	ND	0.500	UGG
0.0	24-feb-1988	LM14	ALDRN	ND	0.500	UGG

Site: BORE SSDS-05-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	ANAPNE	ND	0.300	UGG
0.0	24-feb-1988	LM14	ANAPYL	ND	0.300	UGG
0.0	24-feb-1988	LM14	ANTRC	ND	0.300	UGG
0.0	24-feb-1988	LM14	B2CEXM	ND	0.300	UGG
0.0	24-feb-1988	LM14	B2CIPE	ND	0.300	UGG
0.0	24-feb-1988	LM14	B2CLEE	ND	0.300	UGG
0.0	24-feb-1988	LM14	B2EHP	ND	0.300	UGG
0.0	24-feb-1988	LM14	BAANTR	ND	0.300	UGG
0.0	24-feb-1988	LM14	BAPYR	ND	0.300	UGG
0.0	24-feb-1988	LM14	BBFANT	ND	0.300	UGG
0.0	24-feb-1988	LM14	BBHC	ND	0.500	UGG
0.0	24-feb-1988	LM14	BBZP	ND	0.300	UGG
0.0	24-feb-1988	LM14	BENSLF	ND	1.000	UGG
0.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.0	24-feb-1988	LM14	BGHIPY	ND	0.300	UGG
0.0	24-feb-1988	LM14	BKFANT	ND	0.300	UGG
0.0	24-feb-1988	LM14	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM14	CHRY	ND	0.300	UGG
0.0	24-feb-1988	LM14	CL6BZ	ND	0.300	UGG
0.0	24-feb-1988	LM14	CL6CP	ND	0.300	UGG
0.0	24-feb-1988	LM14	CL6ET	ND	0.300	UGG
0.0	24-feb-1988	LM14	CLDAN	ND	5.000	UGG
0.0	24-feb-1988	LM14	DBAHA	ND	0.300	UGG
0.0	24-feb-1988	LM14	DBHC	ND	0.500	UGG
0.0	24-feb-1988	LM14	DEP	ND	0.300	UGG
0.0	24-feb-1988	LM14	DLDRN	ND	1.000	UGG
0.0	24-feb-1988	LM14	DMP	ND	0.300	UGG
0.0	24-feb-1988	LM14	DNBP	ND	0.300	UGG
0.0	24-feb-1988	LM14	DNOP	ND	0.300	UGG
0.0	24-feb-1988	LM14	ENDRN	ND	1.000	UGG
0.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.0	24-feb-1988	LM14	ESFSO4	ND	1.000	UGG
0.0	24-feb-1988	LM14	FANT	ND	0.300	UGG
0.0	24-feb-1988	LM14	FLRENE	ND	0.300	UGG
0.0	24-feb-1988	LM14	GBHC	ND	0.500	UGG
0.0	24-feb-1988	LM14	HCBD	ND	0.300	UGG
0.0	24-feb-1988	LM14	HPCL	ND	0.500	UGG
0.0	24-feb-1988	LM14	HPCLE	ND	0.500	UGG
0.0	24-feb-1988	LM14	HXAB2E		1.010	UGG
0.0	24-feb-1988	LM14	ICDPYR	ND	0.300	UGG
0.0	24-feb-1988	LM14	ISOPHR	ND	0.300	UGG
0.0	24-feb-1988	LM14	LIN	ND	0.061	UGG
0.0	24-feb-1988	LM14	NAP	ND	0.300	UGG
0.0	24-feb-1988	LM14	NB	ND	0.300	UGG
0.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDNPA	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB016	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB221	ND	5.000	UGG

Site: BORE SSDS-05-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	PCB232	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB242	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB248	ND	5.000	UGG
0.0	24-feb-1988	LM14	PCB254	ND	10.000	UGG
0.0	24-feb-1988	LM14	PCB260	ND	10.000	UGG
0.0	24-feb-1988	LM14	PCP	ND	2.000	UGG
0.0	24-feb-1988	LM14	PHANTR	ND	0.300	UGG
0.0	24-feb-1988	LM14	PHENOL	ND	0.300	UGG
0.0	24-feb-1988	LM14	PPDDD	ND	1.000	UGG
0.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.0	24-feb-1988	LM14	PPDDT	ND	0.490	UGG
0.0	24-feb-1988	LM14	PYR	ND	0.300	UGG
0.0	24-feb-1988	LM14	TXPHEN	ND	7.000	UGG
0.0	24-feb-1988	LM14	UNK583		0.790	UGG
0.0	24-feb-1988	LM14	UNK584		1.400	UGG
0.0	24-feb-1988	LM14	UNK594		0.750	UGG
0.0	24-feb-1988	LM14	UNK595		0.730	UGG
0.0	24-feb-1988	LM14	UNK596		1.100	UGG
0.0	24-feb-1988	LM14	UNK598		0.310	UGG
0.0	24-feb-1988	LM14	UNK600		0.300	UGG
0.0	24-feb-1988	LM14	UNK603		0.280	UGG
0.0	24-feb-1988	LM14	UNK620		1.560	UGG
0.0	24-feb-1988	LW02	135TNB	LT	1.780	UGG
0.0	24-feb-1988	LW02	13DNB	LT	0.571	UGG
0.0	24-feb-1988	LW02	246TNT	LT	1.860	UGG
0.0	24-feb-1988	LW02	24DNT	LT	0.406	UGG
0.0	24-feb-1988	LW02	26DNT	LT	0.387	UGG
0.0	24-feb-1988	LW02	HMX	LT	1.240	UGG
0.0	24-feb-1988	LW02	NB	LT	0.414	UGG
0.0	24-feb-1988	LW02	RDX	LT	0.877	UGG
0.0	24-feb-1988	LW02	TETRYL	LT	0.269	UGG

Site: BORE SSDS-05-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	AG	LT	0.698	UGG
0.5	24-feb-1988	99	AS		6.440	UGG
0.5	24-feb-1988	99	BE	LT	0.355	UGG
0.5	24-feb-1988	99	BR	LT	100.000	UGG
0.5	24-feb-1988	99	CD	LT	0.754	UGG
0.5	24-feb-1988	99	CL	LT	13500.000	UGG
0.5	24-feb-1988	99	CR		8.270	UGG
0.5	24-feb-1988	99	CU		12.800	UGG
0.5	24-feb-1988	99	F	LT	11.300	UGG

Site: BORE SSDS-05-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	NA		149.000	UGG
0.5	24-feb-1988	99	NI		6.970	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	PB		6.840	UGG
0.5	24-feb-1988	99	SB	LT	27.200	UGG
0.5	24-feb-1988	99	SE	LT	2.260	UGG
0.5	24-feb-1988	99	SO4	LT	13500.000	UGG
0.5	24-feb-1988	99	TL	LT	8.540	UGG
0.5	24-feb-1988	99	ZN	LT	56.000	UGG
0.5	24-feb-1988	JB08	HG	LT	0.110	UGG
0.5	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.5	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.5	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.5	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.5	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.5	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.5	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.5	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.5	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.5	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.5	24-feb-1988	LM14	124TCB	ND	0.300	UGG
0.5	24-feb-1988	LM14	12DPH	ND	0.300	UGG
0.5	24-feb-1988	LM14	246TCP	ND	0.300	UGG
0.5	24-feb-1988	LM14	24DCLP	ND	0.300	UGG
0.5	24-feb-1988	LM14	24DMPN	ND	0.300	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-05-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	24DNP	ND	2.000	UGG
0.5	24-feb-1988	LM14	24DNT	ND	0.300	UGG
0.5	24-feb-1988	LM14	26DNT	ND	0.300	UGG
0.5	24-feb-1988	LM14	2CLP	ND	0.300	UGG
0.5	24-feb-1988	LM14	2CNAP	ND	0.300	UGG
0.5	24-feb-1988	LM14	2NP	ND	0.300	UGG
0.5	24-feb-1988	LM14	33DCBD	ND	0.700	UGG
0.5	24-feb-1988	LM14	46DN2C	ND	2.000	UGG
0.5	24-feb-1988	LM14	4BRPPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	4CL3C	ND	0.300	UGG
0.5	24-feb-1988	LM14	4CLPPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	4NP	ND	2.000	UGG
0.5	24-feb-1988	LM14	ABHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	AENSLF	ND	0.500	UGG
0.5	24-feb-1988	LM14	ALDRN	ND	0.500	UGG
0.5	24-feb-1988	LM14	ANAPNE	ND	0.300	UGG
0.5	24-feb-1988	LM14	ANAPYL	ND	0.300	UGG
0.5	24-feb-1988	LM14	ANTRC	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CEXM	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CIPE	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2CLEE	ND	0.300	UGG
0.5	24-feb-1988	LM14	B2EHP	ND	0.300	UGG
0.5	24-feb-1988	LM14	BAANTR	ND	0.300	UGG
0.5	24-feb-1988	LM14	BAPYR	ND	0.300	UGG
0.5	24-feb-1988	LM14	BBFANT	ND	0.300	UGG
0.5	24-feb-1988	LM14	BBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	BBZP	ND	0.300	UGG
0.5	24-feb-1988	LM14	BENSLF	ND	1.000	UGG
0.5	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.5	24-feb-1988	LM14	BGHIPY	ND	0.300	UGG
0.5	24-feb-1988	LM14	BKFANT	ND	0.300	UGG
0.5	24-feb-1988	LM14	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM14	CHRY	ND	0.300	UGG
0.5	24-feb-1988	LM14	CL6BZ	ND	0.300	UGG
0.5	24-feb-1988	LM14	CL6CP	ND	0.300	UGG
0.5	24-feb-1988	LM14	CL6ET	ND	0.300	UGG
0.5	24-feb-1988	LM14	CLDAN	ND	5.000	UGG
0.5	24-feb-1988	LM14	DBAHA	ND	0.300	UGG
0.5	24-feb-1988	LM14	DBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	DEP	ND	0.300	UGG
0.5	24-feb-1988	LM14	DLDRN	ND	1.000	UGG
0.5	24-feb-1988	LM14	DMP	ND	0.300	UGG
0.5	24-feb-1988	LM14	DNBP	ND	0.300	UGG
0.5	24-feb-1988	LM14	DNOP	ND	0.300	UGG
0.5	24-feb-1988	LM14	ENDRN	ND	1.000	UGG
0.5	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.5	24-feb-1988	LM14	ESFSO4	ND	1.000	UGG
0.5	24-feb-1988	LM14	FANT	ND	0.300	UGG

Site: BORE SSDS-05-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	FLRENE	ND	0.300	UGG
0.5	24-feb-1988	LM14	GBHC	ND	0.500	UGG
0.5	24-feb-1988	LM14	HCBD	ND	0.300	UGG
0.5	24-feb-1988	LM14	HPCL	ND	0.500	UGG
0.5	24-feb-1988	LM14	HPCLE	ND	0.500	UGG
0.5	24-feb-1988	LM14	ICDPYR	ND	0.300	UGG
0.5	24-feb-1988	LM14	ISOPHR	ND	0.300	UGG
0.5	24-feb-1988	LM14	LIN	ND	0.061	UGG
0.5	24-feb-1988	LM14	NAP	ND	0.300	UGG
0.5	24-feb-1988	LM14	NB	ND	0.300	UGG
0.5	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDNPA	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB016	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB221	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB232	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB242	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB248	ND	5.000	UGG
0.5	24-feb-1988	LM14	PCB254	ND	10.000	UGG
0.5	24-feb-1988	LM14	PCB260	ND	10.000	UGG
0.5	24-feb-1988	LM14	PCP	ND	2.000	UGG
0.5	24-feb-1988	LM14	PHANTR	ND	0.300	UGG
0.5	24-feb-1988	LM14	PHENOL	ND	0.300	UGG
0.5	24-feb-1988	LM14	PPDDD	ND	1.000	UGG
0.5	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.5	24-feb-1988	LM14	PPDDT	ND	0.490	UGG
0.5	24-feb-1988	LM14	PYR	ND	0.300	UGG
0.5	24-feb-1988	LM14	TXPHEN	ND	7.000	UGG
0.5	24-feb-1988	LM14	UNK594		1.100	UGG
0.5	24-feb-1988	LM14	UNK595		0.506	UGG
0.5	24-feb-1988	LM14	UNK596		1.100	UGG
0.5	24-feb-1988	LM14	UNK597		0.730	UGG
0.5	24-feb-1988	LM14	UNK598		0.310	UGG
0.5	24-feb-1988	LM14	UNK599		0.290	UGG
0.5	24-feb-1988	LM14	UNK600		0.300	UGG
0.5	24-feb-1988	LM14	UNK601		0.330	UGG
0.5	24-feb-1988	LM14	UNK603		0.280	UGG
0.5	24-feb-1988	LM14	UNK604		0.560	UGG
0.5	24-feb-1988	LW02	135TNB	LT	1.810	UGG
0.5	24-feb-1988	LW02	13DNB	LT	0.580	UGG
0.5	24-feb-1988	LW02	246TNT	LT	1.890	UGG
0.5	24-feb-1988	LW02	24DNT	LT	0.413	UGG
0.5	24-feb-1988	LW02	26DNT	LT	0.394	UGG
0.5	24-feb-1988	LW02	HMX	LT	1.260	UGG
0.5	24-feb-1988	LW02	NB	LT	0.421	UGG
0.5	24-feb-1988	LW02	RDX	LT	0.892	UGG
0.5	24-feb-1988	LW02	TETRYL	LT	0.273	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-05-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	AG	LT	0.717	UGG
1.0	24-feb-1988	99	AS		7.220	UGG
1.0	24-feb-1988	99	BE	LT	0.365	UGG
1.0	24-feb-1988	99	BR	LT	100.000	UGG
1.0	24-feb-1988	99	CD	LT	0.774	UGG
1.0	24-feb-1988	99	CL	LT	13800.000	UGG
1.0	24-feb-1988	99	CR		12.400	UGG
1.0	24-feb-1988	99	CU		13.600	UGG
1.0	24-feb-1988	99	F	LT	11.100	UGG
1.0	24-feb-1988	99	NA		216.000	UGG
1.0	24-feb-1988	99	NI		8.470	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
1.0	24-feb-1988	99	PB		8.760	UGG
1.0	24-feb-1988	99	SB	LT	28.000	UGG
1.0	24-feb-1988	99	SE	LT	2.320	UGG
1.0	24-feb-1988	99	SO4	LT	13800.000	UGG
1.0	24-feb-1988	99	TL	LT	8.770	UGG
1.0	24-feb-1988	99	ZN	LT	57.500	UGG
1.0	24-feb-1988	JB08	HG	LT	0.113	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG

Site: BORE SSDS-05-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
1.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
1.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
1.0	24-feb-1988	LM14	12DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
1.0	24-feb-1988	LM14	13DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	14DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
1.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
1.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
1.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
1.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
1.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
1.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAANTR		0.060	UGG
1.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
1.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
1.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
1.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG

Site: BORE SSDS-05-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNOP		0.040	UGG
1.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
1.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
1.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
1.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
1.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
1.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
1.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
1.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	NB	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
1.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
1.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
1.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
1.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
1.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
1.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
1.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
1.0	24-feb-1988	LM14	UNK590		0.560	UGG
1.0	24-feb-1988	LM14	UNK591		0.310	UGG
1.0	24-feb-1988	LM14	UNK592		0.280	UGG
1.0	24-feb-1988	LM14	UNK593		0.260	UGG
1.0	24-feb-1988	LM14	UNK594		0.380	UGG
1.0	24-feb-1988	LM14	UNK595		0.330	UGG
1.0	24-feb-1988	LM14	UNK596		0.590	UGG
1.0	24-feb-1988	LM14	UNK597		0.140	UGG
1.0	24-feb-1988	LM14	UNK598		0.200	UGG
1.0	24-feb-1988	LM14	UNK599		0.180	UGG
1.0	24-feb-1988	LM14	UNK600		0.200	UGG
1.0	24-feb-1988	LM14	UNK601		0.150	UGG
1.0	24-feb-1988	LM14	UNK602		0.170	UGG
1.0	24-feb-1988	LM14	UNK603		0.330	UGG
1.0	24-feb-1988	LM14	UNK606		0.150	UGG

Site: BORE SSDS-05-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	UNK607		0.170	UGG
1.0	24-feb-1988	LM14	UNK608		0.160	UGG
1.0	24-feb-1988	LM14	UNK609		0.150	UGG
1.0	24-feb-1988	LM14	UNK610		0.150	UGG
1.0	24-feb-1988	LW02	135TNB	LT	1.820	UGG
1.0	24-feb-1988	LW02	13DNB	LT	0.583	UGG
1.0	24-feb-1988	LW02	246TNT	LT	1.900	UGG
1.0	24-feb-1988	LW02	24DNT	LT	0.415	UGG
1.0	24-feb-1988	LW02	26DNT	LT	0.395	UGG
1.0	24-feb-1988	LW02	HMX	LT	1.270	UGG
1.0	24-feb-1988	LW02	NB	LT	0.422	UGG
1.0	24-feb-1988	LW02	RDX	LT	0.895	UGG
1.0	24-feb-1988	LW02	TETRYL	LT	0.274	UGG

Site: BORE SSDS-06-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	AG	LT	0.682	UGG
0.0	24-feb-1988	99	AS	LT	6.000	UGG
0.0	24-feb-1988	99	BE	LT	0.347	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	CD	LT	0.737	UGG
0.0	24-feb-1988	99	CL	LT	13200.000	UGG
0.0	24-feb-1988	99	CR		7.070	UGG
0.0	24-feb-1988	99	CU		11.200	UGG
0.0	24-feb-1988	99	F	LT	10.700	UGG
0.0	24-feb-1988	99	NA		107.000	UGG
0.0	24-feb-1988	99	NI		8.740	UGG
0.0	24-feb-1988	99	NIT	LT	0.000	UGG
0.0	24-feb-1988	99	PB	LT	5.030	UGG
0.0	24-feb-1988	99	SB	LT	26.600	UGG
0.0	24-feb-1988	99	SE	LT	2.210	UGG
0.0	24-feb-1988	99	SO4	LT	13200.000	UGG
0.0	24-feb-1988	99	TL	LT	8.350	UGG
0.0	24-feb-1988	99	ZN	LT	54.800	UGG
0.0	24-feb-1988	JB08	HG	LT	0.107	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG

Site: BORE SSDS-06-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.0	24-feb-1988	LM14	12DCLB	ND	0.630	UGG
0.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.0	24-feb-1988	LM14	13DCLB	ND	0.630	UGG
0.0	24-feb-1988	LM14	14DCLB	ND	0.630	UGG
0.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG

Site: BORE SSDS-06-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2EHP		0.070	UGG
0.0	24-feb-1988	LM14	BAANTR		0.330	UGG
0.0	24-feb-1988	LM14	BAPYR		0.440	UGG
0.0	24-feb-1988	LM14	BBFANT		0.220	UGG
0.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	CHRY		0.630	UGG
0.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNOP		0.140	UGG
0.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.0	24-feb-1988	LM14	FANT		0.090	UGG
0.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
0.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	NB	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.0	24-feb-1988	LM14	PCP	ND	0.330	UGG

Site: BORE SSDS-06-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.0	24-feb-1988	LM14	PYR		1.650	UGG
0.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.0	24-feb-1988	LM14	UNK584		2.200	UGG
0.0	24-feb-1988	LM14	UNK585		3.300	UGG
0.0	24-feb-1988	LM14	UNK586		5.100	UGG
0.0	24-feb-1988	LM14	UNK587		2.800	UGG
0.0	24-feb-1988	LM14	UNK588		3.300	UGG
0.0	24-feb-1988	LM14	UNK589		5.000	UGG
0.0	24-feb-1988	LM14	UNK590		2.100	UGG
0.0	24-feb-1988	LM14	UNK591		4.700	UGG
0.0	24-feb-1988	LM14	UNK607		1.700	UGG
0.0	24-feb-1988	LM14	UNK611		2.200	UGG
0.0	24-feb-1988	LM14	UNK612		2.060	UGG
0.0	24-feb-1988	LM14	UNK613		2.300	UGG
0.0	24-feb-1988	LM14	UNK614		2.300	UGG
0.0	24-feb-1988	LM14	UNK616		2.500	UGG
0.0	24-feb-1988	LM14	UNK619		2.200	UGG
0.0	24-feb-1988	LM14	UNK620		4.100	UGG
0.0	24-feb-1988	LM14	UNK621		2.400	UGG
0.0	24-feb-1988	LM14	UNK622		3.300	UGG
0.0	24-feb-1988	LM14	UNK623		1.600	UGG
0.0	24-feb-1988	LM14	UNK624		4.700	UGG
0.0	24-feb-1988	LW02	135TNB	LT	1.740	UGG
0.0	24-feb-1988	LW02	13DNB	LT	0.559	UGG
0.0	24-feb-1988	LW02	246TNT	LT	1.820	UGG
0.0	24-feb-1988	LW02	24DNT	LT	0.398	UGG
0.0	24-feb-1988	LW02	26DNT	LT	0.379	UGG
0.0	24-feb-1988	LW02	HMX	LT	1.210	UGG
0.0	24-feb-1988	LW02	NB	LT	0.405	UGG
0.0	24-feb-1988	LW02	RDX	LT	0.859	UGG
0.0	24-feb-1988	LW02	TETRYL	LT	0.263	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-06-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	AG	LT	0.733	UGG
0.5	24-feb-1988	99	AS	LT	6.450	UGG
0.5	24-feb-1988	99	BE	LT	0.373	UGG
0.5	24-feb-1988	99	BR	LT	100.000	UGG
0.5	24-feb-1988	99	CD	LT	0.792	UGG
0.5	24-feb-1988	99	CL	LT	14100.000	UGG
0.5	24-feb-1988	99	CR		12.600	UGG
0.5	24-feb-1988	99	CU		12.100	UGG
0.5	24-feb-1988	99	F	LT	11.000	UGG
0.5	24-feb-1988	99	NA		216.000	UGG
0.5	24-feb-1988	99	NI		10.700	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	PB	LT	5.410	UGG
0.5	24-feb-1988	99	SB	LT	28.600	UGG
0.5	24-feb-1988	99	SE	LT	2.380	UGG
0.5	24-feb-1988	99	SO4	LT	14100.000	UGG
0.5	24-feb-1988	99	TL	LT	8.970	UGG
0.5	24-feb-1988	99	ZN	LT	58.800	UGG
0.5	24-feb-1988	J808	HG	LT	0.115	UGG
0.5	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.5	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.5	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.5	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.5	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.5	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.5	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.5	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.5	24-feb-1988	LM13	T13DCP	ND	0.050	UGG

Site: BORE SSDS-06-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.5	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.5	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.5	24-feb-1988	LM14	12DCLB	ND	0.630	UGG
0.5	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.5	24-feb-1988	LM14	13DCLB	ND	0.630	UGG
0.5	24-feb-1988	LM14	14DCLB	ND	0.630	UGG
0.5	24-feb-1988	LM14	246TCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.5	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.5	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.5	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.5	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.5	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.5	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.5	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.5	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.5	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBHC	ND	0.660	UGG

Site: BORE SSDS-06-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.5	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.5	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.5	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.5	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.5	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.5	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.5	24-feb-1988	LM14	LIN	LT	0.058	UGG
0.5	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	NB	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.5	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.5	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.5	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.5	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.5	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.5	24-feb-1988	LM14	PYR		0.250	UGG
0.5	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.5	24-feb-1988	LM14	UNK563		0.600	UGG
0.5	24-feb-1988	LM14	UNK580		0.620	UGG
0.5	24-feb-1988	LM14	UNK589		0.310	UGG
0.5	24-feb-1988	LM14	UNK591		0.640	UGG
0.5	24-feb-1988	LM14	UNK592		0.260	UGG
0.5	24-feb-1988	LM14	UNK593		0.310	UGG
0.5	24-feb-1988	LM14	UNK594		0.180	UGG
0.5	24-feb-1988	LM14	UNK595		0.140	UGG
0.5	24-feb-1988	LM14	UNK596		0.270	UGG
0.5	24-feb-1988	LM14	UNK597		0.220	UGG
0.5	24-feb-1988	LM14	UNK598		0.180	UGG
0.5	24-feb-1988	LM14	UNK599		0.310	UGG
0.5	24-feb-1988	LM14	UNK600		0.180	UGG
0.5	24-feb-1988	LM14	UNK601		0.330	UGG
0.5	24-feb-1988	LM14	UNK602		0.590	UGG

Site: BORE SSDS-06-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	UNK603		0.495	UGG
0.5	24-feb-1988	LM14	UNK604		0.440	UGG
0.5	24-feb-1988	LM14	UNK607		4.700	UGG
0.5	24-feb-1988	LW02	135TNB	LT	1.870	UGG
0.5	24-feb-1988	LW02	13DNB	LT	0.600	UGG
0.5	24-feb-1988	LW02	246TNT	LT	1.950	UGG
0.5	24-feb-1988	LW02	24DNT	LT	0.427	UGG
0.5	24-feb-1988	LW02	26DNT	LT	0.407	UGG
0.5	24-feb-1988	LW02	HMX	LT	1.300	UGG
0.5	24-feb-1988	LW02	NB	LT	0.435	UGG
0.5	24-feb-1988	LW02	RDX	LT	0.922	UGG
0.5	24-feb-1988	LW02	TETRYL	LT	0.282	UGG

Site: BORE SSDS-06-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	AG	LT	0.723	UGG
1.0	24-feb-1988	99	AS	LT	6.360	UGG
1.0	24-feb-1988	99	BE	LT	0.368	UGG
1.0	24-feb-1988	99	BR	LT	100.000	UGG
1.0	24-feb-1988	99	CD	LT	0.781	UGG
1.0	24-feb-1988	99	CL	LT	13900.000	UGG
1.0	24-feb-1988	99	CR		12.500	UGG
1.0	24-feb-1988	99	CU		14.500	UGG
1.0	24-feb-1988	99	F	LT	11.100	UGG
1.0	24-feb-1988	99	NA		180.000	UGG
1.0	24-feb-1988	99	NI		9.090	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
1.0	24-feb-1988	99	PB	LT	5.330	UGG
1.0	24-feb-1988	99	SB	LT	28.200	UGG
1.0	24-feb-1988	99	SE	LT	2.340	UGG
1.0	24-feb-1988	99	SO4	LT	13900.000	UGG
1.0	24-feb-1988	99	TL	LT	8.840	UGG
1.0	24-feb-1988	99	ZN	LT	58.000	UGG
1.0	24-feb-1988	JB08	HG	LT	0.114	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG

Site: BORE SSDS-06-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG

1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
1.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
1.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
1.0	24-feb-1988	LM14	12DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
1.0	24-feb-1988	LM14	13DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	14DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
1.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
1.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
1.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
1.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
1.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
1.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG

Site: BORE SSDS-06-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAANTR	LT	0.330	UGG
1.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENZAL		0.160	UGG
1.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
1.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
1.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
1.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNOP	LT	0.330	UGG
1.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
1.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
1.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
1.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
1.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
1.0	24-feb-1988	LM14	HXAB2E		1.630	UGG
1.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
1.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
1.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	NB	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
1.0	24-feb-1988	LM14	PCP	ND	0.330	UGG

Site: BORE SSDS-06-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
1.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
1.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
1.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
1.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
1.0	24-feb-1988	LM14	PYR		0.080	UGG
1.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
1.0	24-feb-1988	LM14	UNK564		0.280	UGG
1.0	24-feb-1988	LM14	UNK579		0.700	UGG
1.0	24-feb-1988	LM14	UNK580		0.700	UGG
1.0	24-feb-1988	LM14	UNK593		0.300	UGG
1.0	24-feb-1988	LM14	UNK603		0.170	UGG
1.0	24-feb-1988	LW02	135TNB	LT	1.850	UGG
1.0	24-feb-1988	LW02	13DNB	LT	0.594	UGG
1.0	24-feb-1988	LW02	246TNT	LT	1.930	UGG
1.0	24-feb-1988	LW02	24DNT	LT	0.423	UGG
1.0	24-feb-1988	LW02	26DNT	LT	0.403	UGG
1.0	24-feb-1988	LW02	HMX	LT	1.290	UGG
1.0	24-feb-1988	LW02	NB	LT	0.431	UGG
1.0	24-feb-1988	LW02	RDX	LT	0.913	UGG
1.0	24-feb-1988	LW02	TETRYL	LT	0.280	UGG

Site: BORE SSDS-07-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	AG	LT	0.696	UGG
0.0	24-feb-1988	99	AS		10.200	UGG
0.0	24-feb-1988	99	BE	LT	0.354	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	CD		0.952	UGG
0.0	24-feb-1988	99	CL	LT	13400.000	UGG
0.0	24-feb-1988	99	CR		9.980	UGG
0.0	24-feb-1988	99	CU		20.700	UGG
0.0	24-feb-1988	99	F	LT	10.700	UGG
0.0	24-feb-1988	99	NA		160.000	UGG
0.0	24-feb-1988	99	NI		6.620	UGG
0.0	24-feb-1988	99	NIT	LT	0.000	UGG
0.0	24-feb-1988	99	PB		32.900	UGG
0.0	24-feb-1988	99	SB	LT	27.200	UGG
0.0	24-feb-1988	99	SE	LT	2.260	UGG
0.0	24-feb-1988	99	SO4	LT	13400.000	UGG
0.0	24-feb-1988	99	TL	LT	8.520	UGG
0.0	24-feb-1988	99	ZN	LT	55.800	UGG

Site: BORE SSDS-07-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	JB08	HG	LT	0.109	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.0	24-feb-1988	LM14	12DCLB	ND	0.630	UGG
0.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.0	24-feb-1988	LM14	13DCLB	ND	0.630	UGG
0.0	24-feb-1988	LM14	14DCLB	ND	0.630	UGG
0.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG

Site: BORE SSDS-07-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENZAL		0.340	UGG
0.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.0	24-feb-1988	LM14	HXAB2E		5.070	UGG
0.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
0.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	NB	ND	0.330	UGG

Site: BORE SSDS-07-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
0.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.0	24-feb-1988	LM14	UNK563		2.120	UGG
0.0	24-feb-1988	LM14	UNK564		0.550	UGG
0.0	24-feb-1988	LM14	UNK565		0.730	UGG
0.0	24-feb-1988	LM14	UNK579		0.630	UGG
0.0	24-feb-1988	LM14	UNK580		0.860	UGG
0.0	24-feb-1988	LM14	UNK593		0.210	UGG
0.0	24-feb-1988	LM14	UNK596		0.390	UGG
0.0	24-feb-1988	LM14	UNK603		0.260	UGG
0.0	24-feb-1988	LW02	135TNB	LT	1.810	UGG
0.0	24-feb-1988	LW02	13DNB	LT	0.581	UGG
0.0	24-feb-1988	LW02	246TNT	LT	1.890	UGG
0.0	24-feb-1988	LW02	24DNT	LT	0.414	UGG
0.0	24-feb-1988	LW02	26DNT	LT	0.394	UGG
0.0	24-feb-1988	LW02	HMX	LT	1.260	UGG
0.0	24-feb-1988	LW02	NB	LT	0.421	UGG
0.0	24-feb-1988	LW02	RDX	LT	0.893	UGG
0.0	24-feb-1988	LW02	TETRYL	LT	0.273	UGG

Site: BORE SSDS-07-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	AG	LT	0.713	UGG
0.5	24-feb-1988	99	AS	LT	6.270	UGG
0.5	24-feb-1988	99	BE	LT	0.363	UGG
0.5	24-feb-1988	99	BR	LT	100.000	UGG
0.5	24-feb-1988	99	CD	LT	0.770	UGG
0.5	24-feb-1988	99	CL	LT	13800.000	UGG
0.5	24-feb-1988	99	CL	LT	13800.000	UGG

Site: BORE SSDS-07-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	CR		7.800	UGG
0.5	24-feb-1988	99	CU		9.540	UGG
0.5	24-feb-1988	99	F	LT	11.000	UGG
0.5	24-feb-1988	99	F	LT	11.000	UGG
0.5	24-feb-1988	99	NA		156.000	UGG
0.5	24-feb-1988	99	NI		8.530	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	PB		6.640	UGG
0.5	24-feb-1988	99	SB	LT	27.800	UGG
0.5	24-feb-1988	99	SE	LT	2.310	UGG
0.5	24-feb-1988	99	SO4	LT	13800.000	UGG
0.5	24-feb-1988	99	SO4	LT	13800.000	UGG
0.5	24-feb-1988	99	TL	LT	8.720	UGG
0.5	24-feb-1988	99	ZN	LT	57.200	UGG
0.5	24-feb-1988	JB08	HG	LT	0.112	UGG
0.5	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.5	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.5	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.5	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.5	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.5	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.5	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.5	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.5	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.5	24-feb-1988	LM13	TRCLE	LT	0.141	UGG

Site: BORE SSDS-07-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.5	24-feb-1988	LM14	12DCLB	ND	0.630	UGG
0.5	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.5	24-feb-1988	LM14	13DCLB	ND	0.630	UGG
0.5	24-feb-1988	LM14	14DCLB	ND	0.630	UGG
0.5	24-feb-1988	LM14	246TCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.5	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.5	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.5	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.5	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.5	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.5	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENZAL		2.300	UGG
0.5	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.5	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.5	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.5	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	DMP	ND	0.330	UGG

Site: BORE SSDS-07-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.5	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.5	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.5	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.5	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.5	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.5	24-feb-1988	LM14	HXAB2E		3.210	UGG
0.5	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.5	24-feb-1988	LM14	LIN	LT	0.058	UGG
0.5	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	NB	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.5	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.5	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.5	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.5	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
0.5	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
0.5	24-feb-1988	LM14	PYR	ND	0.060	UGG
0.5	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.5	24-feb-1988	LM14	UNK563		0.520	UGG
0.5	24-feb-1988	LM14	UNK564		0.170	UGG
0.5	24-feb-1988	LM14	UNK579		0.450	UGG
0.5	24-feb-1988	LM14	UNK580		1.110	UGG
0.5	24-feb-1988	LM14	UNK593		1.300	UGG
0.5	24-feb-1988	LM14	UNK596		0.250	UGG
0.5	24-feb-1988	LW02	135TNB	LT	1.840	UGG
0.5	24-feb-1988	LW02	13DNB	LT	0.590	UGG
0.5	24-feb-1988	LW02	246TNT	LT	1.920	UGG
0.5	24-feb-1988	LW02	24DNT	LT	0.420	UGG
0.5	24-feb-1988	LW02	26DNT	LT	0.400	UGG
0.5	24-feb-1988	LW02	HMX	LT	1.280	UGG
0.5	24-feb-1988	LW02	NB	LT	0.428	UGG
0.5	24-feb-1988	LW02	RDX	LT	0.906	UGG
0.5	24-feb-1988	LW02	TETRYL	LT	0.277	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-07-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	AG	LT	0.723	UGG
1.0	24-feb-1988	99	AS	LT	6.360	UGG
1.0	24-feb-1988	99	BE	LT	0.368	UGG
1.0	24-feb-1988	99	BR	LT	100.000	UGG
1.0	24-feb-1988	99	CD	LT	0.781	UGG
1.0	24-feb-1988	99	CL	LT	13900.000	UGG
1.0	24-feb-1988	99	CR		10.100	UGG
1.0	24-feb-1988	99	CU		12.500	UGG
1.0	24-feb-1988	99	F	LT	11.200	UGG
1.0	24-feb-1988	99	NA		125.000	UGG
1.0	24-feb-1988	99	NI		6.840	UGG
1.0	24-feb-1988	99	NI		12.100	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
1.0	24-feb-1988	99	PB	LT	5.330	UGG
1.0	24-feb-1988	99	SB	LT	28.200	UGG
1.0	24-feb-1988	99	SE	LT	2.340	UGG
1.0	24-feb-1988	99	SO4	LT	13900.000	UGG
1.0	24-feb-1988	99	TL	LT	8.850	UGG
1.0	24-feb-1988	99	ZN	LT	58.000	UGG
1.0	24-feb-1988	JB08	HG	LT	0.112	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG

Site: BORE SSDS-07-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
1.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
1.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
1.0	24-feb-1988	LM14	12DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
1.0	24-feb-1988	LM14	13DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	14DCLB	ND	0.630	UGG
1.0	24-feb-1988	LM14	246TCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
1.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
1.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
1.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
1.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
1.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
1.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENZAL		0.310	UGG
1.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
1.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
1.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG

Analytical Results for Chemical Soil
From: 01-jan-1988 To: 27-nov-90

Site: BORE SSDS-07-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNOP	ND	0.330	UGG
1.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
1.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
1.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
1.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
1.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
1.0	24-feb-1988	LM14	HXAB2E		5.820	UGG
1.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
1.0	24-feb-1988	LM14	LIN	LT	0.058	UGG
1.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	NB	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDPA	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
1.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
1.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
1.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
1.0	24-feb-1988	LM14	PPDDE	LT	0.090	UGG
1.0	24-feb-1988	LM14	PPDDT	LT	0.487	UGG
1.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
1.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
1.0	24-feb-1988	LM14	UNK563		0.700	UGG
1.0	24-feb-1988	LM14	UNK565		0.280	UGG
1.0	24-feb-1988	LM14	UNK579		0.560	UGG
1.0	24-feb-1988	LM14	UNK580		1.010	UGG
1.0	24-feb-1988	LM14	UNK593		0.160	UGG
1.0	24-feb-1988	LM14	UNK596		0.220	UGG
1.0	24-feb-1988	LM14	UNK598		0.260	UGG
1.0	24-feb-1988	LW02	135TNB	LT	1.840	UGG
1.0	24-feb-1988	LW02	13DNB	LT	0.590	UGG
1.0	24-feb-1988	LW02	246TNT	LT	1.920	UGG

Site: BORE SSDS-07-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LW02	24DNT	LT	0.420	UGG
1.0	24-feb-1988	LW02	26DNT	LT	0.400	UGG
1.0	24-feb-1988	LW02	HMX	LT	1.280	UGG
1.0	24-feb-1988	LW02	NB	LT	0.428	UGG
1.0	24-feb-1988	LW02	RDX	LT	0.906	UGG
1.0	24-feb-1988	LW02	TETRYL	LT	0.277	UGG

Site: BORE SSDS-08-01

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	AG	LT	0.717	UGG
0.0	24-feb-1988	99	AS		6.590	UGG
0.0	24-feb-1988	99	BE	LT	0.365	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	CD		1.230	UGG
0.0	24-feb-1988	99	CL	LT	13800.000	UGG
0.0	24-feb-1988	99	CR		8.960	UGG
0.0	24-feb-1988	99	CU		21.000	UGG
0.0	24-feb-1988	99	F	LT	11.100	UGG
0.0	24-feb-1988	99	NA		203.000	UGG
0.0	24-feb-1988	99	NI		9.550	UGG
0.0	24-feb-1988	99	NIT	LT	0.000	UGG
0.0	24-feb-1988	99	PB		28.000	UGG
0.0	24-feb-1988	99	SB	LT	28.000	UGG
0.0	24-feb-1988	99	SE	LT	2.320	UGG
0.0	24-feb-1988	99	SO4	LT	13800.000	UGG
0.0	24-feb-1988	99	TL	LT	8.780	UGG
0.0	24-feb-1988	99	ZN		75.100	UGG
0.0	24-feb-1988	J808	HG	LT	0.113	UGG
0.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG

Site: BORE SSDS-08-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.0	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG

Site: BORE SSDS-08-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
0.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.0	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.0	24-feb-1988	LM14	GBHC	ND	0.330	UGG
0.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.0	24-feb-1988	LM14	LIN	LT	0.066	UGG
0.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.0	24-feb-1988	LM14	NB	ND	0.330	UGG
0.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB242	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.0	24-feb-1988	LM14	PPDDE	LT	0.094	UGG
0.0	24-feb-1988	LM14	PPDDT	LT	0.506	UGG
0.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
0.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.0	24-feb-1988	LM14	UNK101		0.280	UGG
0.0	24-feb-1988	LM14	UNK103		0.540	UGG

Site: BORE SSDS-08-01 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	LM14	UNK104		0.240	UGG
0.0	24-feb-1988	LM14	UNK105		0.450	UGG
0.0	24-feb-1988	LM14	UNK106		0.180	UGG
0.0	24-feb-1988	LM14	UNK107		0.420	UGG
0.0	24-feb-1988	LM14	UNK108		0.340	UGG
0.0	24-feb-1988	LM14	UNK109		0.970	UGG
0.0	24-feb-1988	LM14	UNK547		0.210	UGG
0.0	24-feb-1988	LM14	UNK596		1.410	UGG
0.0	24-feb-1988	LM14	UNK598		0.230	UGG
0.0	24-feb-1988	LM14	UNK599		0.170	UGG
0.0	24-feb-1988	LW02	135TNB	LT	1.870	UGG
0.0	24-feb-1988	LW02	13DNB	LT	0.598	UGG
0.0	24-feb-1988	LW02	246TNT	LT	1.950	UGG
0.0	24-feb-1988	LW02	24DNT	LT	0.426	UGG
0.0	24-feb-1988	LW02	26DNT	LT	0.405	UGG
0.0	24-feb-1988	LW02	HMX	LT	1.300	UGG
0.0	24-feb-1988	LW02	NB	LT	0.433	UGG
0.0	24-feb-1988	LW02	RDX	LT	0.919	UGG
0.0	24-feb-1988	LW02	TETRYL	LT	0.281	UGG

Site: BORE SSDS-08-02

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	99	AG	LT	0.726	UGG
0.5	24-feb-1988	99	AS		7.660	UGG
0.5	24-feb-1988	99	BE	LT	0.370	UGG
0.5	24-feb-1988	99	BR	LT	100.000	UGG
0.5	24-feb-1988	99	CD		0.896	UGG
0.5	24-feb-1988	99	CL		12800.000	UGG
0.5	24-feb-1988	99	CR		20.700	UGG
0.5	24-feb-1988	99	CU		25.400	UGG
0.5	24-feb-1988	99	F	LT	11.200	UGG
0.5	24-feb-1988	99	NA		175.000	UGG
0.5	24-feb-1988	99	NI		7.860	UGG
0.5	24-feb-1988	99	NIT	LT	0.000	UGG
0.5	24-feb-1988	99	PB		15.400	UGG
0.5	24-feb-1988	99	SB	LT	28.400	UGG
0.5	24-feb-1988	99	SE	LT	2.350	UGG
0.5	24-feb-1988	99	SO4	LT	14000.000	UGG
0.5	24-feb-1988	99	TL	LT	8.890	UGG
0.5	24-feb-1988	99	ZN	LT	58.300	UGG
0.5	24-feb-1988	JB08	HG	LT	0.114	UGG

Site: BORE SSDS-08-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM13	111TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	112TCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCE	ND	0.050	UGG
0.5	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
0.5	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
0.5	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
0.5	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
0.5	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
0.5	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	C6H6	ND	0.600	UGG
0.5	24-feb-1988	LM13	CCL4	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
0.5	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
0.5	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
0.5	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
0.5	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
0.5	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
0.5	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
0.5	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
0.5	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
0.5	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
0.5	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
0.5	24-feb-1988	LM14	124TCB	ND	0.330	UGG
0.5	24-feb-1988	LM14	12DPH	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
0.5	24-feb-1988	LM14	24DNP	ND	1.650	UGG
0.5	24-feb-1988	LM14	24DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	26DNT	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CLP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	2NP	ND	0.330	UGG
0.5	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
0.5	24-feb-1988	LM14	46DN2C	ND	1.650	UGG
0.5	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
0.5	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	4NP	ND	1.650	UGG
0.5	24-feb-1988	LM14	ABHC	ND	0.660	UGG

Site: BORE SSDS-08-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
0.5	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
0.5	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	BBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	BBZP	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
0.5	24-feb-1988	LM14	BENZAL		0.310	UGG
0.5	24-feb-1988	LM14	BENZID	ND	1.650	UGG
0.5	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
0.5	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
0.5	24-feb-1988	LM14	CHRY	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
0.5	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
0.5	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
0.5	24-feb-1988	LM14	DBHC	ND	0.660	UGG
0.5	24-feb-1988	LM14	DEP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	DMP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNBP	ND	0.330	UGG
0.5	24-feb-1988	LM14	DNOP	ND	0.330	UGG
0.5	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
0.5	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
0.5	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
0.5	24-feb-1988	LM14	FANT	ND	0.330	UGG
0.5	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
0.5	24-feb-1988	LM14	GBHC	ND	0.330	UGG
0.5	24-feb-1988	LM14	HCBD	ND	0.330	UGG
0.5	24-feb-1988	LM14	HPCL	ND	0.660	UGG
0.5	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
0.5	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG
0.5	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
0.5	24-feb-1988	LM14	LIN	LT	0.066	UGG
0.5	24-feb-1988	LM14	NAP	ND	0.330	UGG
0.5	24-feb-1988	LM14	NB	ND	0.330	UGG
0.5	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB016	ND	0.330	UGG

Site: BORE SSDS-08-02 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.5	24-feb-1988	LM14	PCB221	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB232	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB242	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB248	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB254	ND	0.330	UGG
0.5	24-feb-1988	LM14	PCB260	ND	1.650	UGG
0.5	24-feb-1988	LM14	PCP	ND	0.330	UGG
0.5	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
0.5	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
0.5	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
0.5	24-feb-1988	LM14	PPDDE	LT	0.094	UGG
0.5	24-feb-1988	LM14	PPDDT	LT	0.506	UGG
0.5	24-feb-1988	LM14	PYR	ND	0.060	UGG
0.5	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
0.5	24-feb-1988	LM14	UNK563		0.800	UGG
0.5	24-feb-1988	LM14	UNK564		0.160	UGG
0.5	24-feb-1988	LM14	UNK565		0.350	UGG
0.5	24-feb-1988	LM14	UNK574		0.640	UGG
0.5	24-feb-1988	LM14	UNK580		1.130	UGG
0.5	24-feb-1988	LM14	UNK593		6.840	UGG
0.5	24-feb-1988	LM14	UNK596		0.140	UGG
0.5	24-feb-1988	LW02	135TNB	LT	1.890	UGG
0.5	24-feb-1988	LW02	13DNB	LT	0.606	UGG
0.5	24-feb-1988	LW02	246TNT	LT	1.970	UGG
0.5	24-feb-1988	LW02	24DNT	LT	0.432	UGG
0.5	24-feb-1988	LW02	26DNT	LT	0.411	UGG
0.5	24-feb-1988	LW02	HMX	LT	1.320	UGG
0.5	24-feb-1988	LW02	NB	LT	0.440	UGG
0.5	24-feb-1988	LW02	RDX	LT	0.932	UGG
0.5	24-feb-1988	LW02	TETRYL	LT	0.285	UGG

Site: BORE SSDS-08-03

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	124TCB	ND	10.000	UGL
0.0	24-feb-1988	99	12DCLB	ND	10.000	UGL
0.0	24-feb-1988	99	12DPH	ND	10.000	UGL
0.0	24-feb-1988	99	13DCLB	ND	10.000	UGL
0.0	24-feb-1988	99	14DCLB	ND	10.000	UGL
0.0	24-feb-1988	99	246TCP	ND	10.000	UGL
0.0	24-feb-1988	99	24DCLP	ND	10.000	UGL
0.0	24-feb-1988	99	24DMPN	ND	10.000	UGL
0.0	24-feb-1988	99	24DNP	ND	10.000	UGL
0.0	24-feb-1988	99	24DNT	ND	10.000	UGL

Site: BORE SSDS-08-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	26DNT	ND	10.000	UGL
0.0	24-feb-1988	99	2CLP	ND	10.000	UGL
0.0	24-feb-1988	99	2CNAP	ND	10.000	UGL
0.0	24-feb-1988	99	2NP	ND	10.000	UGL
0.0	24-feb-1988	99	33DCBD	ND	20.000	UGL
0.0	24-feb-1988	99	46DN2C	ND	50.000	UGL
0.0	24-feb-1988	99	4CL3C	ND	10.000	UGL
0.0	24-feb-1988	99	4CLPPE	ND	10.000	UGL
0.0	24-feb-1988	99	ABHC	ND	3.000	UGL
0.0	24-feb-1988	99	AENSLF	ND	3.000	UGL
1.0	24-feb-1988	99	AG	LT	0.724	UGG
0.0	24-feb-1988	99	ALDRN	ND	3.000	UGL
0.0	24-feb-1988	99	ANAPNE	ND	10.000	UGL
0.0	24-feb-1988	99	ANAPYL	ND	10.000	UGL
0.0	24-feb-1988	99	ANTRC	ND	10.000	UGL
1.0	24-feb-1988	99	AS		7.630	UGG
0.0	24-feb-1988	99	B2CEXM	ND	10.000	UGL
0.0	24-feb-1988	99	B2CLEE	ND	10.000	UGL
0.0	24-feb-1988	99	B2EHP	ND	10.000	UGL
0.0	24-feb-1988	99	BAANTR	ND	10.000	UGL
0.0	24-feb-1988	99	BAPYR	ND	10.000	UGL
0.0	24-feb-1988	99	BBFANT	ND	10.000	UGL
0.0	24-feb-1988	99	BBHC	ND	3.000	UGL
0.0	24-feb-1988	99	BBZP	ND	10.000	UGL
1.0	24-feb-1988	99	BE	LT	0.369	UGG
0.0	24-feb-1988	99	BENSLF	ND	6.000	UGL
0.0	24-feb-1988	99	BENZID	ND	50.000	UGL
0.0	24-feb-1988	99	BGHIPY	ND	10.000	UGL
0.0	24-feb-1988	99	BKFANT	ND	10.000	UGL
1.0	24-feb-1988	99	BR	LT	100.000	UGG
0.0	24-feb-1988	99	BR	LT	100.000	UGG
1.0	24-feb-1988	99	CD		1.080	UGG
0.0	24-feb-1988	99	CHRY	ND	10.000	UGL
1.0	24-feb-1988	99	CL	LT	14000.000	UGG
0.0	24-feb-1988	99	CL		278000.000	UGG
0.0	24-feb-1988	99	CL		274000.000	UGG
0.0	24-feb-1988	99	CL6BZ	ND	10.000	UGL
0.0	24-feb-1988	99	CL6CP	ND	10.000	UGL
0.0	24-feb-1988	99	CL6ET	ND	10.000	UGL
0.0	24-feb-1988	99	CLDAN	ND	3.000	UGL
1.0	24-feb-1988	99	CR		20.800	UGG
1.0	24-feb-1988	99	CU		25.500	UGG
0.0	24-feb-1988	99	DBAHA	ND	10.000	UGL
0.0	24-feb-1988	99	DBHC	ND	3.000	UGL
0.0	24-feb-1988	99	DEP	ND	10.000	UGL
0.0	24-feb-1988	99	DLDRN	ND	6.000	UGL
0.0	24-feb-1988	99	DMP	ND	10.000	UGL
0.0	24-feb-1988	99	DNBP	ND	10.000	UGL

Site: BORE SSDS-08-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	99	DNOP	ND	10.000	UGL
0.0	24-feb-1988	99	ENDRN	ND	6.000	UGL
0.0	24-feb-1988	99	ENDRNA	ND	20.000	UGL
0.0	24-feb-1988	99	ESFSO4	ND	6.000	UGL
1.0	24-feb-1988	99	F	LT	11.200	UGG
0.0	24-feb-1988	99	F		312.000	UGG
0.0	24-feb-1988	99	F		301.000	UGG
0.0	24-feb-1988	99	FANT	ND	10.000	UGL
0.0	24-feb-1988	99	FLRENE	ND	10.000	UGL
0.0	24-feb-1988	99	HCBD	ND	10.000	UGL
0.0	24-feb-1988	99	HPCL	ND	3.000	UGL
0.0	24-feb-1988	99	HPCLE	ND	3.000	UGL
0.0	24-feb-1988	99	ICDPYR	ND	10.000	UGL
0.0	24-feb-1988	99	ISOPHR	ND	10.000	UGL
0.0	24-feb-1988	99	LIN	LT	1.090	UGL
1.0	24-feb-1988	99	NA		157.000	UGG
0.0	24-feb-1988	99	NAP	ND	10.000	UGL
0.0	24-feb-1988	99	NB	ND	10.000	UGL
1.0	24-feb-1988	99	NI		19.000	UGG
1.0	24-feb-1988	99	NIT	LT	0.000	UGG
0.0	24-feb-1988	99	NIT	LT	500.000	UGL
0.0	24-feb-1988	99	NNDMEA	ND	10.000	UGL
0.0	24-feb-1988	99	NNDPA	ND	10.000	UGL
1.0	24-feb-1988	99	PB		15.200	UGG
0.0	24-feb-1988	99	PCB016	ND	30.000	UGL
0.0	24-feb-1988	99	PCB221	ND	30.000	UGL
0.0	24-feb-1988	99	PCB232	ND	30.000	UGL
0.0	24-feb-1988	99	PCB242	ND	30.000	UGL
0.0	24-feb-1988	99	PCB248	ND	30.000	UGL
0.0	24-feb-1988	99	PCB254	ND	60.000	UGL
0.0	24-feb-1988	99	PCB260	ND	60.000	UGL
0.0	24-feb-1988	99	PCP	ND	50.000	UGL
0.0	24-feb-1988	99	PHANTR	ND	10.000	UGL
0.0	24-feb-1988	99	PHENOL	ND	10.000	UGL
0.0	24-feb-1988	99	PPDDD	ND	6.000	UGL
0.0	24-feb-1988	99	PYR	ND	10.000	UGL
1.0	24-feb-1988	99	SB	LT	28.300	UGG
1.0	24-feb-1988	99	SE	LT	2.350	UGG
1.0	24-feb-1988	99	SO4	LT	14000.000	UGG
0.0	24-feb-1988	99	SO4		186000.000	UGG
0.0	24-feb-1988	99	SO4		185000.000	UGG
1.0	24-feb-1988	99	TL	LT	8.860	UGG
0.0	24-feb-1988	99	TXPHEN	ND	60.000	UGL
0.0	24-feb-1988	99	UNK105		7.000	UGL
0.0	24-feb-1988	99	UNK580		8.000	UGL
0.0	24-feb-1988	99	UNK594		4.000	UGL
0.0	24-feb-1988	99	UNK595		5.000	UGL
0.0	24-feb-1988	99	UNK596		5.000	UGL

Site: BORE SSDS-08-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	99	ZN	LT	58.100	UGG
1.0	24-feb-1988	JB08	HG	LT	0.114	UGG
0.0	24-feb-1988	JB08	HG	LT	0.102	UGG
1.0	24-feb-1988	LM13	111TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	112TCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCE	ND	0.050	UGG
1.0	24-feb-1988	LM13	11DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	12DCLE	ND	0.050	UGG
1.0	24-feb-1988	LM13	12DCLP	ND	0.050	UGG
1.0	24-feb-1988	LM13	13DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	14DCLB	ND	0.300	UGG
1.0	24-feb-1988	LM13	2CLEVE	ND	0.600	UGG
1.0	24-feb-1988	LM13	BRDCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	C13DCP	ND	0.600	UGG
1.0	24-feb-1988	LM13	C2H3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C2H5CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	C6H6	ND	0.600	UGG
1.0	24-feb-1988	LM13	CCL4	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH2CL2	ND	0.050	UGG
1.0	24-feb-1988	LM13	CH3BR	ND	0.100	UGG
1.0	24-feb-1988	LM13	CH3CL	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHBR3	ND	0.100	UGG
1.0	24-feb-1988	LM13	CHCL3	ND	0.050	UGG
1.0	24-feb-1988	LM13	CLC6H5	ND	0.630	UGG
1.0	24-feb-1988	LM13	DBRCLM	ND	0.050	UGG
1.0	24-feb-1988	LM13	ETC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	MEC6H5	ND	0.050	UGG
1.0	24-feb-1988	LM13	T12DCE	ND	0.630	UGG
1.0	24-feb-1988	LM13	T13DCP	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEA	ND	0.050	UGG
1.0	24-feb-1988	LM13	TCLEE	ND	0.050	UGG
1.0	24-feb-1988	LM13	TRCLE	LT	0.141	UGG
1.0	24-feb-1988	LM14	124TCB	ND	0.330	UGG
1.0	24-feb-1988	LM14	12DPH	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DCLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DMPN	ND	0.330	UGG
1.0	24-feb-1988	LM14	24DNP	ND	1.650	UGG
1.0	24-feb-1988	LM14	24DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	26DNT	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CLP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2CNAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	2NP	ND	0.330	UGG
1.0	24-feb-1988	LM14	33DCBD	ND	0.660	UGG
1.0	24-feb-1988	LM14	46DN2C	ND	1.650	UGG

Site: BORE SSDS-08-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	4BRPPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	4CL3C	ND	0.330	UGG
1.0	24-feb-1988	LM14	4CLPPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	4NP	ND	1.650	UGG
1.0	24-feb-1988	LM14	ABHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	AENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	ALDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ANAPNE	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANAPYL	ND	0.330	UGG
1.0	24-feb-1988	LM14	ANTRC	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CEXM	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CIPE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2CLEE	ND	0.330	UGG
1.0	24-feb-1988	LM14	B2EHP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAANTR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BAPYR	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	BBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	BBZP	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENSLF	ND	0.330	UGG
1.0	24-feb-1988	LM14	BENZAL		0.310	UGG
1.0	24-feb-1988	LM14	BENZID	ND	1.650	UGG
1.0	24-feb-1988	LM14	BGHIPY	ND	0.330	UGG
1.0	24-feb-1988	LM14	BKFANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	C2H5CL	ND	1.250	UGG
1.0	24-feb-1988	LM14	CHRY	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6BZ	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6CP	ND	0.330	UGG
1.0	24-feb-1988	LM14	CL6ET	ND	0.330	UGG
1.0	24-feb-1988	LM14	CLDAN	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBAHA	ND	0.330	UGG
1.0	24-feb-1988	LM14	DBHC	ND	0.660	UGG
1.0	24-feb-1988	LM14	DEP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DLDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	DMP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNBP	ND	0.330	UGG
1.0	24-feb-1988	LM14	DNOP	ND	0.330	UGG
1.0	24-feb-1988	LM14	ENDRN	ND	0.660	UGG
1.0	24-feb-1988	LM14	ENDRNA	ND	0.660	UGG
1.0	24-feb-1988	LM14	ESFSO4	ND	0.660	UGG
1.0	24-feb-1988	LM14	FANT	ND	0.330	UGG
1.0	24-feb-1988	LM14	FLRENE	ND	0.330	UGG
1.0	24-feb-1988	LM14	GBHC	ND	0.330	UGG
1.0	24-feb-1988	LM14	HCBD	ND	0.330	UGG
1.0	24-feb-1988	LM14	HPCL	ND	0.660	UGG
1.0	24-feb-1988	LM14	HPCLE	ND	0.660	UGG
1.0	24-feb-1988	LM14	HXAB2E		0.820	UGG
1.0	24-feb-1988	LM14	ICDPYR	ND	0.330	UGG

Site: BORE SSDS-08-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
1.0	24-feb-1988	LM14	ISOPHR	ND	0.330	UGG
1.0	24-feb-1988	LM14	LIN	LT	0.066	UGG
1.0	24-feb-1988	LM14	NAP	ND	0.330	UGG
1.0	24-feb-1988	LM14	NB	ND	0.330	UGG
1.0	24-feb-1988	LM14	NNDMEA	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB016	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB221	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB232	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB242	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB248	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB254	ND	0.330	UGG
1.0	24-feb-1988	LM14	PCB260	ND	1.650	UGG
1.0	24-feb-1988	LM14	PCP	ND	0.330	UGG
1.0	24-feb-1988	LM14	PHANTR	ND	0.230	UGG
1.0	24-feb-1988	LM14	PHENOL	ND	0.660	UGG
1.0	24-feb-1988	LM14	PPDDD	ND	0.090	UGG
1.0	24-feb-1988	LM14	PPDDE	LT	0.094	UGG
1.0	24-feb-1988	LM14	PPDDT	LT	0.506	UGG
1.0	24-feb-1988	LM14	PYR	ND	0.060	UGG
1.0	24-feb-1988	LM14	TXPHEN	ND	20.000	UGG
1.0	24-feb-1988	LM14	UNK565		0.450	UGG
1.0	24-feb-1988	LM14	UNK576		0.240	UGG
1.0	24-feb-1988	LM14	UNK580		1.000	UGG
1.0	24-feb-1988	LM14	UNK583		0.140	UGG
1.0	24-feb-1988	LM14	UNK593		0.160	UGG
1.0	24-feb-1988	LW02	135TNB	LT	1.880	UGG
1.0	24-feb-1988	LW02	13DNB	LT	0.604	UGG
1.0	24-feb-1988	LW02	246TNT	LT	1.960	UGG
1.0	24-feb-1988	LW02	24DNT	LT	0.430	UGG
1.0	24-feb-1988	LW02	26DNT	LT	0.409	UGG
1.0	24-feb-1988	LW02	HMX	LT	1.310	UGG
1.0	24-feb-1988	LW02	NB	LT	0.438	UGG
1.0	24-feb-1988	LW02	RDX	LT	0.928	UGG
1.0	24-feb-1988	LW02	TETRYL	LT	0.284	UGG
0.0	24-feb-1988	UM14	111TCE	ND	5.000	UGL
0.0	24-feb-1988	UM14	111TCE	ND	5.000	UGL
0.0	24-feb-1988	UM14	112TCE	ND	5.000	UGL
0.0	24-feb-1988	UM14	112TCE	ND	5.000	UGL
0.0	24-feb-1988	UM14	11DCE	LT	1.920	UGL
0.0	24-feb-1988	UM14	11DCE	LT	1.920	UGL
0.0	24-feb-1988	UM14	11DCLE	ND	5.000	UGL
0.0	24-feb-1988	UM14	11DCLE	ND	5.000	UGL
0.0	24-feb-1988	UM14	12DCLB	ND	10.000	UGL
0.0	24-feb-1988	UM14	12DCLB	ND	10.000	UGL
0.0	24-feb-1988	UM14	12DCLE	ND	5.000	UGL
0.0	24-feb-1988	UM14	12DCLE	ND	5.000	UGL

Site: BORE SSDS-08-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	UM14	12DCLP	ND	5.000	UGL
0.0	24-feb-1988	UM14	12DCLP	ND	5.000	UGL
0.0	24-feb-1988	UM14	13DCLB	ND	10.000	UGL
0.0	24-feb-1988	UM14	13DCLB	ND	10.000	UGL
0.0	24-feb-1988	UM14	14DCLB	ND	10.000	UGL
0.0	24-feb-1988	UM14	14DCLB	ND	10.000	UGL
0.0	24-feb-1988	UM14	2CLEVE	ND	5.000	UGL
0.0	24-feb-1988	UM14	2CLEVE	ND	5.000	UGL
0.0	24-feb-1988	UM14	BRDCLM	ND	5.000	UGL
0.0	24-feb-1988	UM14	BRDCLM	ND	5.000	UGL
0.0	24-feb-1988	UM14	C13DCP	ND	5.000	UGL
0.0	24-feb-1988	UM14	C13DCP	ND	5.000	UGL
0.0	24-feb-1988	UM14	C2H3CL	LT	3.860	UGL
0.0	24-feb-1988	UM14	C2H3CL	LT	3.860	UGL
0.0	24-feb-1988	UM14	C2H5CL	ND	10.000	UGL
0.0	24-feb-1988	UM14	C2H5CL	ND	10.000	UGL
0.0	24-feb-1988	UM14	C6H6	LT	0.673	UGL
0.0	24-feb-1988	UM14	C6H6	LT	0.673	UGL
0.0	24-feb-1988	UM14	CCL4	ND	5.000	UGL
0.0	24-feb-1988	UM14	CCL4	ND	5.000	UGL
0.0	24-feb-1988	UM14	CH2CL2	ND	5.000	UGL
0.0	24-feb-1988	UM14	CH2CL2	ND	5.000	UGL
0.0	24-feb-1988	UM14	CH3BR	ND	10.000	UGL
0.0	24-feb-1988	UM14	CH3BR	ND	10.000	UGL
0.0	24-feb-1988	UM14	CH3CL	ND	10.000	UGL
0.0	24-feb-1988	UM14	CH3CL	ND	10.000	UGL
0.0	24-feb-1988	UM14	CHBR3	ND	5.000	UGL
0.0	24-feb-1988	UM14	CHBR3	ND	5.000	UGL
0.0	24-feb-1988	UM14	CHCL3	ND	5.000	UGL
0.0	24-feb-1988	UM14	CHCL3	ND	5.000	UGL
0.0	24-feb-1988	UM14	CLC6H5	ND	5.000	UGL
0.0	24-feb-1988	UM14	CLC6H5	ND	5.000	UGL
0.0	24-feb-1988	UM14	DBRCLM	ND	5.000	UGL
0.0	24-feb-1988	UM14	DBRCLM	ND	5.000	UGL
0.0	24-feb-1988	UM14	ETC6H5	ND	5.000	UGL
0.0	24-feb-1988	UM14	ETC6H5	ND	5.000	UGL
0.0	24-feb-1988	UM14	MEC6H5	ND	5.000	UGL
0.0	24-feb-1988	UM14	MEC6H5	ND	5.000	UGL
0.0	24-feb-1988	UM14	T12DCE	LT	1.720	UGL
0.0	24-feb-1988	UM14	T12DCE	LT	1.720	UGL
0.0	24-feb-1988	UM14	T13DCP	ND	5.000	UGL
0.0	24-feb-1988	UM14	T13DCP	ND	5.000	UGL
0.0	24-feb-1988	UM14	TCLEA	ND	5.000	UGL
0.0	24-feb-1988	UM14	TCLEA	ND	5.000	UGL
0.0	24-feb-1988	UM14	TCLEE	ND	5.000	UGL
0.0	24-feb-1988	UM14	TCLEE	ND	5.000	UGL
0.0	24-feb-1988	UM14	TRCLE	LT	0.706	UGL
0.0	24-feb-1988	UM14	TRCLE	LT	0.706	UGL

Site: BORE SSDS-08-03 (continued)

SAMPLE DEPTH (ft)	SAMPLE DATE	TEST METHOD	COMPOUND	BOOL	CONCENTRATION	UNITS
0.0	24-feb-1988	UW01	135TNB	LT	0.560	UGL
0.0	25-feb-1988	UW01	135TNB	LT	0.560	UGL
0.0	24-feb-1988	UW01	13DNB	LT	0.610	UGL
0.0	25-feb-1988	UW01	13DNB	LT	0.610	UGL
0.0	24-feb-1988	UW01	246TNT	LT	0.780	UGL
0.0	25-feb-1988	UW01	246TNT	LT	0.780	UGL
0.0	24-feb-1988	UW01	24DNT	LT	0.600	UGL
0.0	25-feb-1988	UW01	24DNT	LT	0.600	UGL
0.0	24-feb-1988	UW01	26DNT	LT	0.550	UGL
0.0	25-feb-1988	UW01	26DNT	LT	0.550	UGL
0.0	24-feb-1988	UW01	HMX	LT	1.300	UGL
0.0	25-feb-1988	UW01	HMX	LT	1.300	UGL
0.0	24-feb-1988	UW01	NB	LT	1.130	UGL
0.0	25-feb-1988	UW01	NB	LT	1.130	UGL
0.0	24-feb-1988	UW01	RDX	LT	0.630	UGL
0.0	25-feb-1988	UW01	RDX	LT	0.630	UGL
0.0	24-feb-1988	UW01	TETRYL	LT	0.660	UGL
0.0	25-feb-1988	UW01	TETRYL	LT	0.660	UGL

Program ended normally.