APPENDIX FOR:

REMEDIAL INVESTIGATION
GE / MOREAU SITE
11-CERCLA-30201

APPENDIX VOLUME I
APPENDICES A-F

prepared for:

GENERAL ELECTRIC
Schenectady, New York

prepared by:

Dunn Geoscience Corporation

October 1984

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WORK PLAN AND IMPLEMENTATION SCHEDULE
GE Moreau Site
Index No. 11-CERCLA-30201

Prepared By

DUNN GEOSCIENCE CORPORATION
Latham, New York

March 28, 1984

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INTRODUCTION

This work plan addresses a remedial investigation to define the nature and extent of off-site contaminant migration at the GE Moreau site in compliance with Item II, U.S. EPA Administrative Order 11-CERCLA-30201. It describes the methodologies to be used to characterize waste at the site, the geology, to determine the aquifer characteristics, and to determine the velocity and direction of ground-water movement and nature and extent of contaminant migration.

WASTE CHARACTERIZATION

Detailed characterization of the waste site and the wastes emplaced at the site is invaluable in designing a hydrogeologic remedial investigation. It provides the background regarding the entrainment of contamination into the aquifer system, the duration of the contamination event, and the nature of the contaminants. Most of this information has already been compiled and has been submitted to the EPA in the form of an engineering report prepared by O'Brien and Gere, Syracuse, New York. A review of this information has been performed to aid in the design of the ground-water quality monitoring system and monitoring program discussed herein as part of the remedial investigation.

Special attention has been given to the following data:

- the type of wastes disposed
- the volume of wastes disposed
- the disposal practices followed
- the periods when disposal took place

- o mobility of the wastes
- o persistence of the wastes
- o waste removal procedures implemented
- o residual waste at the site

All of the information will be utilized in determining the extent of contamination and the rate of contaminant migration.

HYDROGEOLOGIC SETTING

The hydrogeologic setting of the site will be determined from a literature review, geophysical surveys, and test-hole drilling. Also, some existing wells will be utilized to the extent possible to provide supplementary information.

Literature Review

Much is already known about the hydrogeology from existing consultants reports and from publications. The literature review will include the following:

1. Previous consultants reports, i.e., Migration of PCB's from Landfills and Dredge Spoil Sites in the Hudson River Valley, Weston (1978); PCB's Removal from the Caputo Site on December 18 & 20, 1978 Town of Moreau, Saratoga County, New York, Hardick Associates (1978); Conceptual Engineering Study of Five Disposal Sites Known to have Received PCB Wastes, Wehran (1980); Caputo Site Engineering Report, Caputo Site Engineering Report Addendum, Caputo Site Remedial Program Final Plan-Subsurface Investigation, O'Brien and Gere (1981, 1982a, and 1982b); and Investigation of Ground Water Contamination in the Vicinity of the GE Moreau (Caputo) Site, C.A. Rich (1983).

2. U.S.G.S. and NYS Geological Survey reports, topographic maps, aerial photos, and files.

3. Other publicly available reports or records related to studies at the site.

The information available from these documents will be evaluated particularly from the standpoint of what additional information is indicated as being necessary. Test drilling and geophysical surveys will be performed to provide such information.

Geophysical Survey

A geophysical reconnaissance utilizing terrain conductivity (EM-34), and other geophysical methods will, if necessary, be undertaken to supplement test-hole drilling. Tentative locations for the survey are shown in Figure 1. The focus of the survey will be to locate the bottom of the sand aquifer represented by a relatively impermeable clay layer. The survey will involve measuring terrain conductivity at relatively widely-spaced intervals. The measurements will be integrated with test-hole data to develop a configuration of the aquifer base.

Test-Hole Drilling

Test-hole drilling and subsequent monitoring well installation will comprise the most extensive portion of the remedial investigation. The test-hole drilling will be conducted in phases to allow data which is collected to be evaluated before additional drilling is initiated. Each phase of test-hole drilling will be integrated with other field activities to meet the following objectives:

- define the extent of ground-water contamination by evaluating ground-water chemical composition in samples drawn systematically from monitoring wells;

- locate zones of preferential ground-water flow which may favor certain contaminant pathways;

- determine the types, properties, and thicknesses of aquifer materials by obtaining formation samples;

- plot stratigraphy by correlating data from different test holes;

- determine aquifer hydraulic characteristics by in-situ testing;

- determine the water-table elevation in the sand aquifer, the seasonal fluctuations of that water table, the hydraulic gradient, and the direction of ground-water flow through periodic water-level measurments; and,

- confirm results of any geophysical surveys.

In the first phase of drilling, a minimum of 17 borings will be advanced, 13 of which are shown on Figure 2. The drilling of each soil boring will be under the direction and supervision of an experienced geologist. The geologist will also log each soil boring following the Modified Burmister System and Unified Soil Classification System. Soil samples will be collected by split-spoon following ASTM Methods for standard 5-foot intervals. Continuous split-spoon samples will initially be taken in several test borings to more completely identify the stratigraphy of the unconsolidated deposits. The samples will be taken through the layer of principle concern, specifically the zone of interbedded sand, silt, and clay. All collected samples will be placed in jars, labeled, and retained for subsequent evaluation and laboratory gradation analyses.

Soil samples will be tested with a portable organic vapor analyzer to determine the presence or absence of volatile halogenated organics. The protocol for this determination is included as attachment 1 to the plan. These test results will be used during monitoring well installation to determine screen placement. Selected soil samples will be sent to the laboratory for analysis of TCE.

Gradation analyses following ASTM standard method will also be performed on selected samples to check visual classifications, to aid in the

selection of monitoring well screens, and to estimate hydraulic conductivity and porosity.

AQUIFER CHARACTERISTICS

The hydraulic characteristics of the aquifer will be determined during and subsequent to the installation of monitoring wells. Ground-water flow velocities and hydraulic gradients will be determined on the basis of water levels measured periodically in the monitoring wells.

The uppermost aquifer is an unconfined sand and gravel aquifer. Downward movement of ground water is confined by a relatively thick glacio-lacustrine silt clay layer. Beneath the clay and underlying till either shale, or most likely, carbonate bedrock occurs.

Investigations conducted to date, and cited earlier, indicate that the contamination occurs in the upper aquifer, suggesting that contaminant migration is also confined by the relatively thick clay layer; therefore, the major investigatory effort is directed to this aquifer.

Characterization of this sand aquifer will involve a review of existing data, construction of monitoring wells, aquifer testing, and ground-water modeling. A relatively large amount of data has already been gathered by General Electric, NYS, and the Town of Moreau. The review of data will result in 1) an inventory of existing wells, both private and public, their locations, construction details, use, and influence on ground-water movement due to pumpage, 2) a compilation of historical aquifer test data and results, and 3) data on stream flows, spring discharges, and precipitation.

Monitoring Well Installtion

The design and installation of monitoring wells will be performed in conjunction with the test-hole drilling. Information from the test-hole drilling will aid in the selection of specific stratigraphic units to be monitored. These units will, in turn, determine the position and length

of the well screen for each monitoring well. The vertical position of each horizon to be monitored will determine the number of monitoring wells to be installed at each of the 17 phase I soil boring locations. Two or more completed monitoring wells at each soil boring location will constitute a well cluster. Each well in a cluster will be a separate unit spaced a minimum of five feet from adjacent monitoring wells.

The well clusters will be designed to provide a vertical profile of hydraulic heads and water quality. Wells installed at the top of the aquifer will be screened to monitor the entire range of water-table fluctuation. Monitoring wells installed in the unconsolidated aquifer will be placed in 4-inch borings advanced by either hollow-stem auger or flush-joint casing. The monitoring wells will be constructed of schedule 40, 2-inch diameter PVC riser pipe and slotted or wire-wrapped well screen.

Potential interference on the chemical quality of ground-water samples will be mitigated by adherence to the following procedures:

- only rigid PVC will be used in well construction to eliminate the effects of plasticizers;
- all PVC components will be washed with a strong detergent solution and rinsed thoroughly with cool water;
- all PVC joint connections will be mechanical;
- prior to sampling, four well volumes will be pumped from each well to remove stagnant water;
- to minimize contact time between the formation water and PVC, samples will be collected with a teflon point-source bailer immediately after the required four volumes have been removed.

Each well screen will be surrounded by a clean silica sand pack with a 5-foot bentonite seal placed above the top of the sand pack. The

remainder of the borehole around the riser pipe will be backfilled with a bentonite slurry. The upper 5 feet of the borehole will be sealed with cement to prevent surface contamination from entering the well and to secure a protective steel casing and locking cap placed over the PVC riser pipe. Upon completion each of the 2-inch piezometers will be flushed clean and developed in accordance with Section 5C of the Manual of Ground-Water Quality Sampling Procedures, Scalf, et al, Robert S. Kerr, Environmental Research Laboratory, USEPA, to provide free exchange with the adjacent aquifer.

The location and measuring point elevation of each well will be surveyed so that all geohydrologic data obtained may be accurately plotted in units of feet above mean sea level.

Hydraulic Conductivity Testing

The hydraulic characteristics of the aquifer will be determined through aquifer testing utilizing slug or bail tests at selected wells. The selection of wells to be used for these tests will be made in consultation with EPA.

The tests will be short duration tests designed to determine hydraulic conductivity in the immediate vicinity of the test well. These tests will be performed in a sufficient number of wells to test all portions of the unconsolidated aquifer. The specific wells to be tested will be determined in the field based on the logs of the split-spoon samples.

Vertical hydraulic conductivity values will be determined during test-hole drilling. Falling head tests will be conducted through open-ended casing seated at depths equivalent to final screen setting.

The hydraulic conductivity values will be combined with measurements of hydraulic gradient and estimates of effective porosity to determine the average linear velocity of ground water using a modified form of the Darcy equation.

EXTENT OF GROUND-WATER CONTAMINATION

Well Placement

A systematic approach of well placement will be followed to determine the vertical and areal extent of ground-water contamination. Refer to Figure 2 for the placement of the various series of well installations.

During the first phase of drilling, a line of five well clusters will be located approximately 4500 feet downgradient of the site. The line will parallel the edge of the scarp which occurs in this area. The clusters will be used to obtain water samples to monitor ground-water immediately upgradient of a number of surface-water reservoirs. If contamination is detected, water-quality data from the clusters will also aid in delineating the extent of contamination.

A second series of four monitoring well clusters will be located downgradient of the facility in a line parallel to the direction of ground-water flow as determined by prior investigations. The clusters will extend from the facility to the well clusters which are located along the scarp. Water-quality information from these wells will provide estimates of the distance contamination may have traveled.

A third series of four well clusters will be located on a line approximately perpendicular to the direction of ground-water flow. These wells will aid in delineating the width of the contaminated zone. Due to the tentative nature of the well locations, this series is not shown on Figure 2. This line of wells will be located downgradient of the facility at a distance which is estimated to represent the center of contamination. The distance in question will be estimated from examination of formation samples collected during installation of the second series of wells.

A fourth series of four wells will be installed between 1000 feet and 1500 feet downgradient of the facility. These wells will monitor ground-water quality between the disposal facility and the residential

areas on Bluebird Road and Terry and Cheryl Drives.

It is expected that this distribution of monitoring wells will provide a preliminary estimate of the extent of the contaminated area. This same well configuration will also be used to monitor future expansion or contraction of the contaminated area. The vertical thickness of the contaminated zone will also be determined since well clusters, rather than individual wells will be installed at most locations. As explained earlier, the depths of each well in a cluster will be determined in the field on the basis of formation sample examination.

A second phase of drilling may, nevertheless, be necessary to precisely define the areal limits of contamination. Wells installed during the second, and any subsequent, phase of drilling will be located only after data collected in all earlier phases has been evaluated by both EPA and the respondent. This evaluation will improve choices made regarding future well placement and screen location. Consequently, definition of the contaminated zone will proceed more quickly and rapidly than would occur if a haphazard or otherwise random well location program were followed.

Water-Quality Sampling

Water-quality sampling will be conducted at each monitoring well location. Sampling methods will follow established protocols included as attachment 2 to the plan. Initial evaluation of the analytical results will allow the extent and degree of contamination to be defined on a preliminary basis both areally and vertically. Analyses of the results will determine the scope of any additional work that may be needed.

Repeat sampling will be conducted after each additional phase of drilling has been completed to improve definition of the contaminated zone. Periodic sampling will be continued to monitor changes in the contaminated zone.

INFLUENCE OF PUMPING WELLS

A survey of wells pumping in the area will be conducted. Wells whose pumping rates may present a significant impact on ground-water levels and movement will be identified and monitored through wells installed during the first phase of drilling, if possible. Areas of concentrated domestic pumping will also be identified and monitored. Monitoring will involve the use of continuous water-level recorders to evaluate possible changes in water level which could alter contaminant migration. If well clusters installed during the first phase do not meet the location requirements for accurate monitoring of the pumping wells, additional wells to meet these needs will be installed during the second phase of drilling.

GROUND-WATER MODELING

As practical, ground-water modeling will be used to analyze the flow and contaminant transport behavior of the water-table aquifer. Ground-water gradients and velocities will be determined.

Throughout the study, models of varying complexity may be used - i.e., conceptual models, analytical models, and, if necessary, numerical models requiring computer solutions.

SOILS - EXTENT OF CONTAMINATION

A reconnaissance will be conducted to identify potential sites of soil contaminated by PCBs. The reconnaissance will focus on the area within a 1000-foot radius of the site plus access roads to the facility which are located outside this area, and other areas suggested by the data.

The reconnaissance will involve visual observation of field conditions and a survey with a portable analyzer to detect potential "hot spots". The portable analyzer will be used to detect volatile organics which are presumed to occur in association with the PCBs. The reconnaissance will be preceded by an examination of historical aerial photos of the facility and surrounding environments. Any visible evidence of surface

contamination such as past disposal areas will be noted and field-checked during the reconnaissance.

Any areas identified in the field as potential "hot spots" will undergo soil sampling. If the reconnaissance fails to detect any "hot spots", sampling will be conducted at three randomly chosen locations. Each location will be sampled once following protocols provided as attachment 3 to the plan.

SURFACE WATER - EXTENT OF CONTAMINATION

As discussed previously, five monitoring well clusters will be installed approximately 4000 feet downgradient of the facility. These clusters will monitor ground water flowing from the site towards surface water reservoirs located farther downgradient. Furthermore, water-quality samples for volatile organic analyses will be collected every two weeks from each reservoir as proposed in the plan for Immediate Corrective Action, submitted to EPA on March 14, 1984.

In addition, a survey of the immediate area will be conducted and other surface water bodies near the site will be identified. Single grab samples for volatile organic analysis will be collected from any other sampling points identified in the survey. If the results of the sampling are positive, follow-up sampling will be conducted to confirm the measurements and to monitor any changes.

Except for the actual sample collection, methodologies for surface water sampling parallel those developed for private residence sampling. Protocols to be followed in surface water sampling are provided as attachment 4 to the plan.

AIR MONITORING

The NYS Department of Environmental Conservation has established two air quality monitoring stations in the vicinity of the GE Moreau site. The locations of these stations are shown on the attached map. The stations were activated in August, 1983, and were shut down in mid-November, 1983, when

when site work commences again in the Spring of 1984.

These stations monitor PCBs, trichloroethylene, benzene, methylene chloride and total suspended particulate. The detection limit for PCBs is 20 ng/m^3, for TCE is 5 ug/m^3, and for benzene is 10 ug/m^3. To date, all results were below detection limits with one exception: On November 2, 1983, the 24-hour average benzene concentration was found to be 18 ug/m^3 at the station near Terry Drive. It is thought highly unlikely that the GE Moreau site was the source of the benzene.

Remedial action at the site, including trenching and construction of a slurry wall, will take place concurrently with the off-site remedial investigation. Since the on-site activity will generate higher ambient concentrations of volatile organic compounds than the off-site activity, it would be impossible to measure separately ambient levels caused by off-site conditions alone. Therefore, no additional air monitoring stations will be established.

HEALTH AND SAFETY PLAN

A worker health and safety plan will be in effect during test hole drilling and well installation. This plan will provide guidance to ensure worker protection from exposure to hazardous chemicals should such be encountered. Specific aspects of the health and safety plan include general safety protocol, required safety equipment and clothing, decontamination procedures, emergency response, and communications. A safety officer will be appointed by the project manager.

The remedial investigation will be conducted in downgradient areas away from the actual disposal facility. Consequently, it is anticipated that no significant contaminant levels will be encountered. Earlier investigations in the downgradient areas were performed under standard industrial safety guidlines. Since this investigation will be conducted in downgradient areas removed from the disposal facility, the same level of safety requirements will be instituted during the proposed remedial investigation.

However, since small potential dermal and respiratory hazards may exist in isolated areas, the required level of protection will be upgraded to include additional protective clothing and respiratory protection if ambient organic vapor concentrations exceed 10 ppm. The additional protective clothing will include water and chemical resistant coveralls, gloves, boots and safety glasses.

Specific aspects of the plan are outlined below:

1. General Safety Requirements

   a. The immediate work area will be conspicuously marked.
   b. No food or drink may be consumed within the immediate work area.
   c. Smoking will not be permitted within the immediate work area.

2. Required Safety Equipment and Clothing

   All persons involved in drilling or soil sample collection/handling will be required to wear certain safety equipment as follows:

   a. Drilling

      1. hard hats
      2. coveralls
      3. safety shoes/boots

   b. Soil Sampling/Drilling Supervision

      1. hard hats
      2. coveralls
      3. disposable gloves

Respirators which have been properly fit-tested will also be available for all personnel. A portable organic vapor analyzer will also be used at the site to determine the presence of volatile organics.

3. Decontamination Procedures

a. Gloves will be disposed of or decontaminated after sample contact.

b. Coveralls will be stored with the drill rig and not removed from the immediate work area except for disposal or cleaning.

c. All auger flights, drill casing, drill rods and associated equipment used in the drilling of each soil boring will be steam-cleaned to remove all visible foreign matter prior to being used in the drilling of the next boring.

4. Emergency Information

The following information will be posted to be readily available to all on-site personnel.

a. Location of nearest telephone or car radio.

b. Local/plant fire department telephone number.

c. Local/plant rescue department telephone number.

d. Subcontractor offices (drillers, etc.) telephone number.

e. Chemtrek telephone number.

f. Project manager telephone number.

5. Emergency Rescue Equipment

The following equipment will be stored at the immediate work area:

a. First aid kit.

b. Oxygen kit.

c. Burn kit.

d. Rope.

e. Blanket.

Attachment 1
11-CERCLA-30201

PROTOCOL FOR

VOLATILE ORGANIC SCREENING OF
SPLIT-SPOON SAMPLES

1. Prepare a standard quantity of the split-spoon sample and place it in a clean, tall, narrow, glass jar.

2. Seal the jar with metal foil and a screw cap. Label the cap with the sample identification number.

3. Warm the sample jar to a temperature of 40°C for 30 minutes by placing it in a small portable heater.

4. Remove the screw cap, pierce the metal foil, and sample the headspace with the probe of an HNU portable organic vapor analyzer, or similar instrument.

5. Record the sample number and the results of the analysis in the field notebook.

6. Recap the jar and store it securely for subsequent study, if necessary.

DGC

Attachment 2
11-CERCLA-30201

PROTOCOL FOR

GROUND-WATER SAMPLING

All wells will be exercised or thoroughly flushed of standing water in order that they contain fresh water from the aquifer before sampling begins. Because bailing can be very time-consuming when a large number of wells are involved, the wells will be exercised with a non-contaminating submersible pump. In all cases, the actual sample will be withdrawn using a teflon point-source bailer. The procedures are explained in detail below:

1. Identify the well and record the location on the Ground-Water Sampling Field Log.

2. Cut a slit in one side of a plastic sheet and slip it over and around the well creating a clean surface onto which the sampling equipment can be positioned. This clean working area should be a minimum of 10 feet by 10 feet. Do not kick, transfer, drop, or in any way let soils or other materials fall onto this sheet unless it comes from inside the well. Do not place meters, tools, equipment, etc., on the sheet unless they are clean and dry.

3. Put on a new pair of disposable gloves.

4. Clean the well cap with a clean rag and remove the well cap and plug, placing both on the plastic sheet.

5. Clean the first ten feet of a steel 100-foot tape. Rinse first with fresh water. Follow this with a methanol rinse, a hexane rinse, a

second methanol rinse, and finally a rinse with distilled water. The water and solvent rinses can be applied with squeeze bottles. Measure the depth to the water table with the steel tape. Record this information on the Ground-Water Sampling Field Log (attached).

6. Compute the volume of water in the well using the formulae and information provided on the Ground-Water Sampling Field Log. Record this volume on the field log.

7. Prepare the submersible pump for operation.

8. Lower the pump intake to the upper portion of the water column as far above the well screen as possible. (Shallow water-table wells are constructed so that the pump can only be set opposite the screened interval).

9. Start the pump and remove approximately one half quart of this water from the surface of the well water into a new glass quart bottle. Observe the appearance of this water. Return this quart bottle to its proper transport container. Note: This sample will not undergo laboratory analysis, and is collected to observe the physical appearance of the ground water only.

10. Record the physical appearance of the ground water on the Ground-Water Sampling Field Log.

11. Initiate pumping from the well into a graduated pail until four times the volume of water in the well has been removed or until the well is pumped dry. The pump should be lowered in the well until the final intake position is a few feet below the water level established in the well after drawdown reaches equilibrium.

12. If water being withdrawn becomes turbid during the exercising process or during sampling, terminate pumping or sampling until the well is redeveloped at a later time.

13. Remove the pump from the well, place it on the plastic sheet, and prepare to collect the sample with a dedicated teflon point-source bailer.

14. Remove the sampling bottles from their transport containers and prepare the bottles for receiving samples. Inspect all labels to insure proper sample identification. Sample bottles should be kept cool with their caps on until they are ready to receive samples. Arrange the sampling containers to allow for convenient filling.

15. Initiate sampling by lowering the bailer slowly into the well to a depth opposite the midpoint of the screened interval. Remove the bailer in a smooth continuous manner to prevent the check valves from reopening and adulterating the sample. Minimize agitation of the water in the well. Fill each sample container following the instructions listed on Attachment A - Sample Containerization Procedures. Return each sample bottle to its proper transport container.

16. If the sample bottles cannot be filled quickly, keep them cool with their caps on until they are filled. Each sample bottle for purgeable priority pollutant analysis should be filled from one bailer, then securely capped. NOTE: Samples must not be allowed to freeze.

17. Record the physical appearance of the ground water observed during sampling on the Ground-Water Sampling Field Log.

18. Replace the well plug and lock the well protection assembly before leaving the well location.

19. After sampling is completed, clean the pump by pumping deionized water through it. Rinse the outside of the pump and discharge tubing with clean water. Follow this with a methanol rinse, a hexane rinse, a second methanol rinse, and finally, a rinse with distilled water. The water and solvent rinses can be applied with

squeeze bottles and a clean towel.

20. Place gloves, rags, and plastic sheet into a plastic bag for disposal. Place the bailer in a plastic bag for delivery to a location where it can be properly cleaned.

ATTACHMENT A

SAMPLE CONTAINERIZATION PROCEDURES

Lab Analysis	Container Description	Number of Containers	Collection Instructions
Purgeable Priority	40 ml Vial	3	1. The sample vial consists of 3 parts: a glass bottle, a teflon-faced septum, and a screw cap. 2. Remove the cap and septum, handling the septum by the edges only. 3. Carefully fill the vial to overflowing, a slight crown of water remaining on top. 4. Slide the septum, teflon side (slippery side) down, onto the vial. 5. Replace the cap and tighten. 6. Invert the sample and lightly tap the cap on a solid surface. The absence of trapped air indicates a successful seal. If bubbles are present, open the bottle, add a few additional drops of sample and reseal the bottle as above. Continue until no trapped air is present. 7. Keep the samples refrigerated or on ice.

GROUNDWATER SAMPLING FIELD LOG

Sample Location _____ Well No. _____

Sampled By: _____ Date _____ Time _____

Weather _____

A. Water Table

Well depth (from top of standpipe) (D)___. Well elevation (top of standpipe)_____

Depth to watertable (from top of standpipe) (W)___. Watertable elevation_____

Length of water column (LWC)_____ (feet). [(LWC) = (D) - (W)]

Volume of water in well - 2" diameter wells = 0.163 x (LWC) = _____ gallons

B. Physical Appearance At Start

Color_____ odor _____ turbidity_____

Was an oil film or layer apparent? _____

C. Preparation of Well for Sampling

Amount of water removed before sampling _____ gallons

Did well go dry? _____

D. Physical Appearance During Sampling

Color_____ odor _____ turbidity_____

Was an oil film or layer apparent? _____

E. Well Sampling

	Analysis	Bottle No.	Special Sampling Instructions
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Attachment 3
11-CERCLA-30201

Soil Sampling Protocol

1. Divide the surface area of the potential "hot spot" into an imaginary grid. The grid spacing should be based on the number of samples required from the area, which when combined will give a statistically representative sample.

2. Obtain small, equal portions of surface or near-surface soil from each grid intersection.

3. Collect samples from the upper three inches of soil using a clean garden-variety trowl or laboratory scoop.

4. Composite the sample in a wide-mouth glass container with a foil-lined screw-type metal lid.

5. At the completion of sampling, cap and label the container. Record the appropriate sample information in the field-log book, and complete a chain-of-custody record.

6. When all samples have been collected, deliver them to the laboratory for analysis.

Attachment 4
11-CERCLA-30201

Surface Water Sampling Protocol

1. Assemble the pond sampler using a clean glass sampling beaker.

2. Dip the beaker into the water away from the immediate area of the sampling point and rinse it thoroughly.

3. To collect the sample, gently lower the beaker into the water and let it fill slowly to minimize agitation and aeration.

4. Remove the beaker and gently transfer the sample into two clean, pre-numbered 40-ml glass vials.

5. Fill the vials so that there is no head space after the cap is screwed down. The teflon septum should only be handled with clean disposable gloves.

6. Record the sample number on the sample log, field notebook, and on a 2 x 2 inch piece of paper with water-proof ink.

7. Place the bottles and a piece of paper in a "ziplock" bag and then in an iced chest.

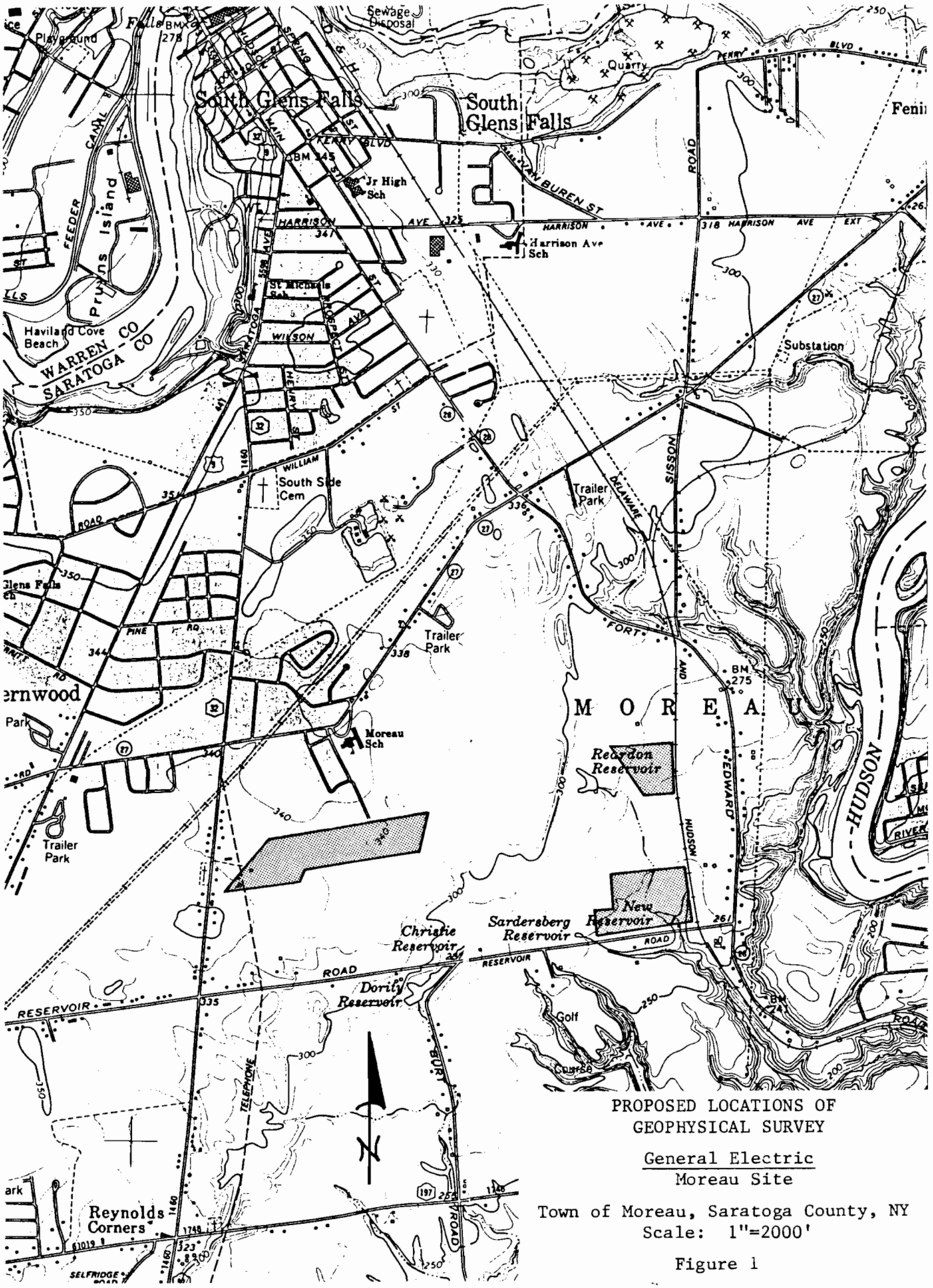
8. After all samples are collected, fill out a laboratory chain-of-custody form and a laboratory instruction form. Lock the forms in the chest for delivery to a qualified laboratory, following chain-of-custody protocol.

9. Dismantle the sampler; store the clamp and handle in a plastic bag after wiping them with a clean towel.

Schedule of Implementation

Task	Week(s)
Hydrogeologic Setting	
Literature Review	1 - 2
Test Hole Drilling Ø 1	2 - 8 (2 rigs)
Geophysical Survey (optional)	5 - 8
Aquifer Characteristics	
Well Installation Ø 1	Included in test hole drilling
K-testing	6 - 9
Extent of GW Contamination	
Water Quality Sampling and Sample Analysis	10 - 13
Influence of Pumping Wells	
Records Review	3 - 4
Field Study	On-going from well installation to project completion, if necessary.
Soil Sampling	5 - 8
Surface Water Sampling	Every other week per plan for Immediate Corrective Action
Data Compilation and Evaluation	10 - 15
Report to EPA	17

DGC
3/28/84



PROPOSED LOCATIONS OF
GEOPHYSICAL SURVEY

General Electric
Moreau Site

Town of Moreau, Saratoga County, NY
Scale: 1"=2000'

Figure 1

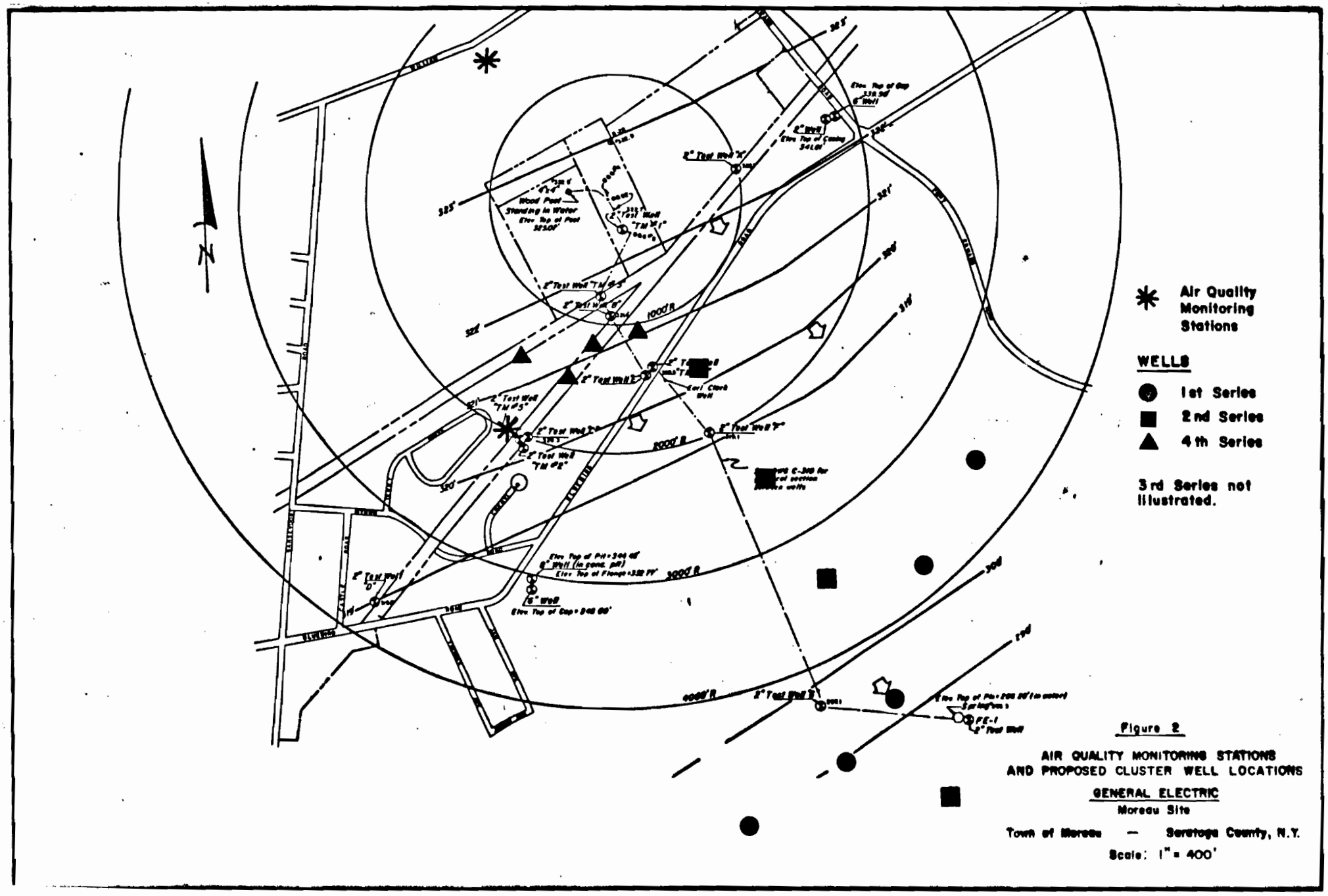


Figure 2

AIR QUALITY MONITORING STATIONS
AND PROPOSED CLUSTER WELL LOCATIONS

GENERAL ELECTRIC
Moreau Site

Town of Moreau — Saratoga County, N.Y.

Scale: 1" = 400'

HEALTH AND SAFETY PLAN

A worker health and safety plan will be in effect throughout the remedial investigation. This plan will provide guidance to ensure worker protection from exposure to hazardous chemicals should such be encountered. Specific aspects of the health and safety plan include general safety protocol, required safety equipment and clothing, decontamination procedures, emergency response, and communications.

The remedial investigation will be conducted in downgradient areas away from the actual disposal facility. Consequently, it is anticipated that no significant contaminant levels will be encountered. Earlier investigations in the downgradient areas were performed at the Level D degree of protection. Therefore, Level D protection will also be instituted during the proposed remedial investigation.

However, since small potential dermal and respiratory hazards may exist in isolated areas, the level of protection will be upgraded to Level C respiratory protection if ambient organic vapor concentrations exceed 10 ppm. In addition, water and chemical resistant coveralls, gloves, and boots will also be required for Level C Protection.

Specific aspects of the plan are outlined below:

1. General Safety Requirements

    a. The immediate work area will be conspicuously marked.
    b. No food or drink may be consumed within the immediate work area.
    c. Smoking will not be permitted within the immediate work area.

2. Required Safety Equipment and Clothing

All persons involved in drilling or soil sample collection/handling will be required to wear certain safety equipment as follows:

a. Drilling

1. hard hats
2. coveralls
3. safety glasses

b. Soil Sampling/Drilling Supervision

1. items 1 through 3 above
2. disposable gloves

Respirators which have been properly fit-tested will also be available for all personnel. A portable organic vapor analyzer will also be available at the site to determine the presence of volatile organics.

3. Decontamination Procedures

a. Gloves will be disposed of or decontaminated after sample contact.
b. Safety suits will be stored with the drill rig and not removed from the immediate work area except for disposal.
c. All auger flights, drill casing, drill rods and associated equipment used in the drilling of each soil boring will be steam-cleaned to remove all visible foreign matter prior to being used in the drilling of the next boring.

4. Emergency Information

The following information will be posted to be readily available to all on-site personnel.

a. Location of nearest telephone or car radio.
b. Local/plant fire department telephone number.
c. Local/plant rescue department telephone number.
d. Subcontractor offices (drillers, etc.) telephone number.
e. Chemtrek telephone number.
f. Project manager telephone number.

5. Emergency Rescue Equipment

The following equipment will be stored at the immediate work area:

a. First aid kit.
b. Oxygen kit.
c. Burn kit.
d. Rope.
e. Blanket.

Schedule of Implementation

Task	Duration (weeks)
Waste Characterization	2
Hydrogeologic Setting	
Literature Review	2
Geophysical Survey	2 - 4
Test Hole Drilling Ø 1	8 (2 rigs)
Aquifer Characteristics	
Well Installation Ø 1	Included in test hole drilling
K-testing	2
Extent of GW Contamination	
Water Quality Sampling	2
Influence of Pumping Wells	
Records Review	2
Field Study	On-going from well installation to project completion, if necessary.

DTC
3/26/84

Attachment
11-CERCLA-30201

Sampling of Residential Wells
(Including Moreau School Wells)

Schedule	Description
Week 1 - 2	Organization and implementation of residential well plan:
	- identify and contact residents to be sampled;
	- schedule adequate number of wells to initiate sampling;
Week 3 - 5	- initiate sampling of wells;
	- deliver samples to laboratory according to chain-of-custody and security protocol.
Week 5 - 8	Water-quality data received from laboratory.
Week 6 - 8	Submit results to EPA.

DGC
3/26/84

PROTOCOL FOR

VOLATILE ORGANIC SCREENING OF
SPLIT-SPOON SAMPLES

1. Prepare a standard weight of the split-spoon sample and place it in a clean, tall, narrow, glass jar.

2. Seal the jar with metal foil and a screw cap. Label the cap with the sample identification number.

3. Warm the sample jar to a temperature of 40°C for 30 minutes.

4. Remove the screw cap, pierce the metal foil, and sample the headspace with the probe of an HNU portable organic vapor analyzer.

5. Record the sample number and the results of the analysis in the field notebook.

6. Recap the jar and store it securely for subsequent study, if necessary.

DGC
3/27/84

GROUND-WATER SAMPLING PROCEDURES

All wells will be exercised or thoroughly flushed of standing water in order that they contain fresh water from the aquifer before sampling begins. Because bailing can be very time-consuming when a large number of wells are involved, the wells will be exercised with a non-contaminating submersible pump. In all cases, the actual sample will be withdrawn using a teflon point-source bailer. The procedures are explained in detail below:

1. Identify the well and record the location on the Ground-Water Sampling Field Log.

2. Cut a slit in one side of a plastic sheet and slip it over and around the well creating a clean surface onto which the sampling equipment can be positioned. This clean working area should be a minimum of 10 feet by 10 feet. Do not kick, transfer, drop, or in any way let soils or other materials fall onto this sheet unless it comes from inside the well. Do not place meters, tools, equipment, etc., on the sheet unless they are clean and dry.

3. Put on a new pair of disposable gloves.

4. Clean the well cap with a clean rag and remove the well cap and plug, placing both on the plastic sheet.

5. Clean the first ten feet of a steel 100-foot tape. Rinse first with fresh water. Follow this with a methanol rinse, a hexane rinse, a second methanol rinse, and finally a rinse with distilled water. The water and solvent rinses can be applied with squeeze bottles. Measure the depth to the water table with the steel tape. Record this information on the Ground-Water Sampling Field Log (attached).

6. Compute the volume of water in the well using the formulae and information provided on the Ground-Water Sampling Field Log. Record

this volume on the field log.

7. Prepare the submersible pump for operation.

8. Lower the pump intake to the upper portion of the water column as far above the well screen as possible. (Shallow water-table wells are constructed so that the pump can only be set opposite the screened interval).

9. Start the pump and remove approximately one half quart of this water from the surface of the well water into a new glass quart bottle. Observe the appearance of this water. Return this quart bottle to its proper transport container. Note: This sample will not undergo laboratory analysis, and is collected to observe the physical appearance of the ground water only.

10. Record the physical appearance of the ground water on the Ground-Water Sampling Field Log.

11. Initiate pumping from the well into a graduated pail until four times the volume of water in the well has been removed or until the well is pumped dry. The pump should be lowered in the well until the final intake position is a few feet below the water level established in the well after drawdown reaches equilibrium.

12. If water being withdrawn becomes turbid during the exercising process or during sampling, terminate pumping or sampling until the well is redeveloped at a later time.

13. Remove the pump from the well, place it on the plastic sheet, and prepare to collect the sample with a dedicated teflon point-source bailer.

14. Remove the sampling bottles from their transport containers and prepare the bottles for receiving samples. Inspect all labels to insure proper sample identification. Sample bottles should be kept

cool with their caps on until they are ready to receive samples. Arrange the sampling containers to allow for convenient filling.

15. Initiate sampling by lowering the bailer slowly into the well to a depth opposite the midpoint of the screened interval. Remove the bailer in a smooth continuous manner to prevent the check valves from reopening and adulterating the sample. Minimize agitation of the water in the well. Fill each sample container following the instructions listed on Attachment A - Sample Containerization Procedures. Return each sample bottle to its proper transport container.

16. If the sample bottles cannot be filled quickly, keep them cool with their caps on until they are filled. Each sample bottle for purgeable priority pollutant analysis should be filled from one bailer, then securely capped. NOTE: Samples must not be allowed to freeze.

17. Record the physical appearance of the ground water observed during sampling on the Ground-Water Sampling Field Log.

18. Replace the well plug and lock the well protection assembly before leaving the well location.

19. After sampling is completed, clean the pump by pumping deionized water through it. Rinse the outside of the pump and discharge tubing with clean water. Follow this with a methanol rinse, a hexane rinse, a second methanol rinse, and finally, a rinse with distilled water. The water and solvent rinses can be applied with squeeze bottles and a clean towel.

20. Place gloves, rags, and plastic sheet into a plastic bag for disposal.

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-1
PROJECT GE/Moreau		
CLIENT GE Nott St.		SHEET 1 OF 4
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Investigation		ELEVATION 322.03'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS		DATUM USGS
				DIAMETER	4" ID	2"		DATE STARTED 5/16/84
				WEIGHT		140#		DATE FINISHED 5/16/84
				FALL		30"		DRILLER J. McErlean
								INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	1 2 2 3	SW		DKBr cm(+) fS, 1 organic $; rts .8'	Rec=1.3' Dry
				SW		Rd Br same	
		S-2	2 3 4 7	SW		Tn cm(+) fS; t $; rts Tan coarse medium(+) fine SAND, trace Silt; roots (SW)	Rec=1.85' Dry-moist
5		S-3	3 7 8 10	SW		Tn cmfS, t(-) $; occ $ lyrs	Rec=1.7' Moist
		S-4	6 12 13 19	SW		Tn cmfS, t(-) $; freq Drk S layers	magnetite & garnet Rec=1.8' Moist
		S-5	6 11 10 12	SW		Tn cmfS, t(-) $; freq Dr S layers; occ Cy $ layers	Rec=2.0' Moist
10		S-6	4 9 7 14	SW		Gr Br, same (Deltaic)	Rec=1.65' WET
		S-7	16 23 28 32	SW		Gr Br, same 13.5'	Rec=2.0' Wet
				SW		Gr Br cmfS, l(+) $	
15		S-8	7 14 20 18	SW		Gr Br cmfS, l(+) $; occ Dr S lyrs	Rec=1.8' WET
		S-9	16 41 42 40	SW		Gr Br cmfS, l(+) $; occ lt Br$ seams 18.0'	Rec=1.8' WET
		S-10	7 14 20 18	SP		GR Br f S, a(+) Cy$; vvd freq fS	
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC 1
PROJECT G.E./Moreau		SHEET 2 OF 4
CLIENT G.E. Nott St.		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-11	3 5 10 15	SM		Br cmf$^{(+)}$S, a$^{(+)}$Cy$; freq Cy$ seams 22.1'	Rec=2.0' WET
		S-12	20 34 25 27	SW		Lt Br cmfS, t$^{(-)}$Cy$	Rec=2.0' Dry
25		S-13	9 13 20 14	SW		Lt Br cm$^{(+)}$fS, t$^{(-)}$ $ Light brown coarse, medium(+), fine SAND, trace (-) Silt(SW). 26.5'	Rec=1.7' Moist
		S-14	14 29 27 27	SW		Gr Br cmf S, t $ (Deltaic)	Rec=1.65' Moist-WET
		S-15	10 16 20 13	SW		Gr Br cmfS, t(+)$	Rec=2.0' WET
30		S-16	8 14 29 33	SW		Gr Br cmfS, tCy$; freq $ & C seams	Rec=2.0' WET
		S-17	24 37 42 55	SW		Gr Br cmfS, tCy$; occ. $ & C seams	Rec=2.0' WET -new method (wash-auger)
35		S-18	12 11 20 31	SW		Gr Br cmfs, tCy$ 35.5' Gr Br cmfS; 1 Cy$	Rec=1.3' WET end of new method
		S-19	7 16 19 20	SW		Gr Br cmfS, t, mG, 1Cy$ (a single drop-pebble) 38.0'	Rec=1.5' WET
		S-20	11 16 17 23	SW		Gr Br cmfS, t Cy$	Rec=2.0' WET
40		S-21	14 22 19 30	SW SW		Gr Br cmfS, t(+)Cy$; occ $ & C seam 41.5' Gr Br cmfS, 1 Cy$ 42.0'	Rec=2.0' WET
		S-22	10 11 33 48	SW		Gr Br cmfS, tCy$; occ BkRd S seams	
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-1
PROJECT G.E./Moreau		SHEET 3 OF 4
CLIENT G.E. Nott St.		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
44		S-23	~~W.H.~~	SW		Br Gr cmfS, 1$ Brown-gray coarse to fine SAND little Silt (SW)	Rec=1.1' WET
46		S-24	12 22 47 43	SW		Br Gr cmf S,t $	Rec=2.0' WET
48		S-25	7 13 27 32	SW		Same (Deltaic)	Rec=2.0' WET
50		S-26	2 3 6 13	SW		Br Gr cmf S, t$^{(+)}$Cy$	Rec=2.0' WET
52		S-27	7 6 6 19	SW		Br Gr cmfS, t$^{(+)}$Cy$	Rec=2.0' WET
54		S-28	13 28 46 33	SW		Br Gr cmf S, t$^{(+)}$Cy$	Rec=2.0' WET
56		S-29	4 5 11 45	SW		Br Gr cmfS, t$^{(+)}$Cy$	Rec=2.0' WET
58		S-30	7 19 28 41	SW		Br Gr cmfS, t$^{(-)}$ Cy$ 60.'	Rec=1.5' WET
60		S-31	9 12 22 32	SM		Br Gr mf$^{(+)}$S, a$^{(-)}$Cy $; freq $&Clyr (transistional glacio-lacustrine)	Rec=1.5' WET
62		S-32	7 11 13 32	SM		Br Gr m f$^{(+)}$S, a Cy$ freq $&Clyr	Rec=.3' WET
64		S-33	10 12 15 17	SM		Br Gr mf$^{(+)}$S, a$^{(-)}$Cy $; freq $& Clyr Brown gray medium fine$^{(+)}$SAND, a$^{(-)}$ clayey Silt; frequent Silt and Clay layers(SM)	Rec=1.4' WET
66		S-34	8 9 12 18	SM		Br Gr mf(+)S, a(-)Cy$ 68.0'	Rec=2.0' WET
68							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-1
PROJECT G.E./Moreau		SHEET 4 OF 4
CLIENT G.E. Nott St.		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
68		S-35	8 10 10 11			Dr Gr fS, a$^{(+)}$CyS; freq $ +C $ms	Rec=2.0' WET
70		S-36	9 15 19 30			same	
72						(running sand no samples possible)	Rec=1.0' WET 275 gals H_2O in 10 min pumped down hole
74						same	
76		S-37	3 4 4 6			76.0' Dr Gr $+C; freq Cy$ sms vvd.	Rec=2.0' WET
78						(glacio-lacustrine)	
80						Dark Gray SILT & CLAY; frequent Clayey Silt seams varved	
82							
84							
86							Bentonite 78-71 Sand 71-60.0 Screen 68-63 Bentonite 60-57 Cement/Bentonite Grout 57.0-0

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-1I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 322.46'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATE STARTED 5/17/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 5/18/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		829 S-1	14 15 18 20			No Recovery	
		829 S-2 836	5 8 16 17	SW		Br cmfS, tCy$ Brown coarse to fine SAND, trace Clayey Silt (SW)	Rec. 1.6' WET
50							
55						End of Boring @ 53.1'	

Bentonite	53.1 - 52.1
Sand Pack	52.1 - 42.0
Screen	50.0 - 45.0
Bentonite	42.0 - 36.9
Cement Grout	36.9 - 0.0
Protective Casing Stick-Up	2.5'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-1S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 322.60'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATE STARTED 5/18/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 5/18/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
25		S-1 810	11 15 20 18	SW		BrGr cmfS, t(+)$	Rec. .9' WET
30		S-2 805	18 26 29 32	SW		BrGr cmfS, t(+)$, occ Cy$ seams Brown-Gray coarse to fine SAND, trace(+) Silt; occasional Silt seams (SW)	Rec. 2.0' WET
35						Grout 15 - 0 Bentonite 20 - 15 Screen 22 - 32 Sand 34 - 20 Bentonite 34 - 35	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC - 2
PROJECT G.E./Moreau		
CLIENT G.E. Nott St.		SHEET 1 OF 4
DRILLING CONTRACTOR Warren George Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 315.44'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATE STARTED 5/8/84
				DIAMETER	4 3/4	2"		DATE FINISHED 5/9/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	2 1 2 3	SW		Bk cmfS, t Organic $ .5'	Rec=1.4' Dry
				SW		Br cmfS, t(+)$; rts	Rec=1.5 Dry
		S-2	5 6 11 7	SW		Br cmfS, t(+)$; occ dk S lyrs	
5		S-3	8 11 13 7	SW		Br cmfS t(+) $; freq bk S lyrs	Rec=1.6' Dry
		S-4	8 9 14 14	SW		Brown coarse to fine SAND, trace Silt; frequent black Silt layers (SW).	Rec=.8' Dry
		S-5	10 8 12 14	SW		same	Rec=1.1' Dry-damp
10						(Deltaic)	
		S-6	9 10 12 14	SW		Br cmfS, t$, occ mfS, 1$ seams (glacio-fluvial deltaic)	Rec=1.0' Damp-moist
		S-7	12 10 12 14	SW		Br cmfS, t(+)$, freq mfS, 1(+)$lyrs	Rec=1.0' Moist
15		S-8	9 10 16 18	SW		Br cmfS, t(+)$, freq bk S lyrs, freq br mfs, 1(+)$ lyrs	Rec=.9' Moist
		S-9	12 15 17 18	SW		Br mfS, 1$; freq bk cmfS, t$ lyrs	Rec=.8' Moist-WET
		S-10	10 9 10 10	SW		Br mfS, 1$; freq bk cmfS, t$ lyrs	Rec=.8' WET
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-2
PROJECT G.E./Moreau		SHEET 2 OF 4
CLIENT G.E. Nott St.		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-11	10 11 10 10	SW		Br $c^{(-)}$mfS, $l^{(+)}$Cy$; thin $&C lyr ¼" at 20.6'	Rec=1.3' WET
		S-12	5 7 10 5	SW		Br $c^{(-)}$mfS, $l^{(+)}$Cy$; occ thin $&C lyr Br $&C; freq Cy$ seams; vvd	Rec=.7' WET
25		S-13	3 3 6 9	SW		Br $&C; freq Cy$ seams; vvd Br cmfS, $t^{(+)}$$	Rec=1.3' WET soft
		S-14	11 17 17 18	SW		Br cmfS, $t^{(+)}$$; freq bk cmfS seams	Rec=1.0' WET
		S-15	10 14 15 18	SW		Br cmfS, $t^{(+)}$$ Lt br mfS, $l^{(+)}$Cy$	Rec=1.5' WET
30		S-16	5 11 14 18	SW		Br cmfS, $t^{(+)}$$ Br cmfS, $t^{(+)}$$ Brown coarse to fine SAND, trace(+) Silt (SW).	Rec=1.3' WET
		S-17	17 21 24 26	SW		same (Deltaic)	Rec=1.0' WET
35		S-18	15 15 18 26	SW		Br cmfS, t(+) $	Rec=2.0' WET
		S-19	28 38 30 40	SW		Br cmfS, t(+)$	Rec 2.0' WET
		S-20	21 32 38 45	SW		Br cmfS, t$; occ Bk Rd seam	Rec=1.05' WET
40		S-21	14 12 13 14	SW		Br cmfS, t(+)$	REC=1.1' WET
		S-22	4 6 7 10	SW		Br cmfS, t$; freq Rd Bk cmfS, t$ lyrs ¼' thk	Rec=.9' WET
			6 9				

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-2
PROJECT G.E./Moreau		SHEET 3. OF 4
CLIENT G.E. Nott St.		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-23	17 15	SW		Br cmfS, t$^{(+)}$Cy$	Rec=1.6' WET
		S-24	8 11 12 12	SW		Br cmf S, t$^{(+)}$Cy$	Rec=1.4' WET
		S-25	14 14 16 18	SW		Br cmfS, t$^{(+)}$Cy$ (Deltaic)	Rec=1.5' WET
50		S-26	4 10 12 15	SW		Br cmfS, t$^{(+)}$Cy$; occ brown cmfS lyrs.	Rec=1.1' WET
		S-27	12 14 16 17	SW		Br cmfS, t$	Rec=2.0' WET
55		S-28	14 14 17 14	SW		Tn br cmfS, t$^{(+)}$$; occ lyrs tn br Cy$	Rec-1.2' WET
		S-29	5 10 18 21	SW		Br cmfS, t$^{(+)}$$; freq lyr mfS, lCy$	Rec=1.1' WET
		S-30	14 14 16 18	SW		Br cmfS, t$^{(+)}$$ Tnbr mfS, l$^{(+)}$Cy$; occ dk gr $ &C sms ¼"	Rec=1.1' WET
60		S-31	12 14 17 19	SW		same Br cmfS, t$ 62.0'	Rec=1.2'
		S-32	11 11 14 14	SM		Tn br mfS, sCy$; freq lyrs tn br Cy$, occ lyr$&C Tn br mfS, sCy$; occ lyrs cmfS, 1 Cy$ occ seams; dk gr $&C	WET Rec=1.1' WET
65		S-33	5 11 11 18	SP ML		Tnbr mfS,lCy$ Tnbr Cy$ t, fs; occ dk gr $&C sms	Rec=1.2' WET
		S-34	11 10 12 14	SM ML		Tnbr cmfS s,$^{(+)}$Cy$; freq lyrs gr $&C Grbr Cy$, sf$; freq lyrs gr C&C	Rec=1.1' WET
70		S-35	12 12 15 12	SM		Gr mfs, s$^{(-)}$Cy$; freq lyrs gr C&$ (transistional glacio-lacustrine)	Rec=1.2' WET

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-2
PROJECT G.E./Moreau		SHEET 4 OF 4
CLIENT G.E. Nott St.		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-36	3 14 21 29	ML		Tn gr $a, fS; Gr C&$ lyr Tan gray Silt and fine SAND; gray Clay and Silt layer 70.8'-71.3' (ML)	Rec=1.2' WET
		S-37	6 14 21 24	CL		Gr C&$; Gr$ s, fS lyr 4" (Transistional glacio-lacustrine) 74.0'	Rec=1.1' WET
75		S-38	2 3 8 10	CL		Gr C&$; freq $&C sms, vvd. Gray CLAY & SILT: frequent SILT & CLAY seams varved (CL).	Rec=2.0' WET
		S-39	8 10 11 10	CL		Gr C&$; freq $&C sms, vvd. (glacio-lacustrine) 78.0'	Rec=2.0' WET
80						End of Boring @ 76.0'	

Bentonite	76 - 68
Sand	68 - 58
Screen	65.5-60.5
Bentonite	58 - 53
Grout	53 - 0

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-2I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 315.39'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 5/15/84
				WEIGHT		140#		DATE FINISHED 5/15/84
				FALL		30"		DRILLER Victor Aimar
								INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
40		S-1	7 11 15 14	SW		Br cmfS, tCy$ Brown coarse to fine SAND, trace Clayey Silt (SW)	No Recovery Rec. .7' WET
45		S-2	3 5 10 13				
50						End of Boring @ 49.0' Well Installation Bentonite 49.0 - 48.0 Sand Pack 48.0 - 38.0 Screen 46.0 - 41.0 Bentonite 38.0 - 33.0 Grout 33.0 - 0.0 Protective Casing Stick-Up 2.5'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-2S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 315.16'

GROUNDWATER				CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS	DATE STARTED 5/16/84
				DIAMETER	4 3/4"	2"	DATE FINISHED 5/17/84
				WEIGHT		140#	DRILLER Victor Aimar
				FALL		30"	INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
25		S-1 826	9 15 11 24	ML		GrBr $&C; vvd., freq. prt gr $ 24.6' Br cmfS, t$ Brown coarse to fine SAND, trace Silt (ML)	Rec. 1.7' WET
30							
35							

End of Boring @ 31.0'

Bentonite	31.0 - 30.0
Sand	30.0 - 15.5
Screen	27.5 - 17.5
Bentonite	15.5 - 10.5
Cement Grout	10.5 - 0.0
Protective Casing Stick-Up	2.5'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-3
PROJECT G.E./Moreau		
CLIENT G.E. Nott St.		SHEET 1 OF 3
DRILLING CONTRACTOR Warren George Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 316.70'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATE STARTED 5/10/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 5/11/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	4 2 3 4	OL SW		DK Br organic $a; fS; rts .9' Lt br cmfS, t$ Light brown coarse to fine Sand, trace Silt, (SW).	Rec=1.7' Damp
5		S-2	5 7 8 7	SW		Br cmfS, t$ (Deltaic)	Rec=1.4' Damp
10		S-3	5 7 6 8	SW		Br cmfS, t$; occ Rd Br S seam	Rec=1.2' Damp
15		S-4	7 11 10 14	SW		Br cmfS, t $	Rec=1.1' Damp
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-3
PROJECT G.E./Moreau		SHEET 2 OF 3
CLIENT G.E. Nott St.		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	11 14 15 15	SW		Br cmfS, t$; occ Rd Bk S seams Brown coarse to fine Sand, trace Silt; occasional red-black Sand seams (SW).	Rec=1.1' Damp
25		S-6	15 20 22 27	SW		Br cmfS, t$ (Deltaic)	Rec=1.4' WET
30		S-7	10 12 16 16	SW		Br cmfS, t$^{(-)}$cy$	Rec=1.2' WET
35		S-8	12 12 11 12	SW		Br cmfS, t $	Rec=.95' WET
40		S-9	10 9 11 12	SW		Br cmfS, t$; occ Rd Bk S seams	Rec=1.3' WET

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-3
PROJECT G.E./Moreau		SHEET 3 OF 3
CLIENT G.E. Nott St.		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10	12 11 11 12	SW		Br cmfS, tCy$ Brown coarse to fine Sand, trace Clayey-Silt,(SW).	Rec=1.1' WET
50		S-11	12 11 11 11	SW		Br cmfS, t Cy$ Br$&C seam at 51.2' (Deltaic) 55.0'	Rec-1.1' WET
55		S-12	14 9 14 17	ML		Gr br Cy$a(+), fS; freq lyrs Gr $&C	Rec=1.2' WET
		S-13	7 7 11 13	SM		Gr f S, a Cy$; freq dk Gr lyr $&C Gr-br fSlyr @ 58 (transitional glacio-lacustrine)	Rec=1.9' WET
60		S-14	17 17 23 28	ML		Gr Cy$t, fS; freq dk Gr seams $&C Gray Clayey Silt trace, fine Sand; frequent dark Gray Silt & Clay seams (ML).	Rec=1.4' WET
65			6 9 10 12	CL		Gr C&$; vvd. (glacio-lacustrine) 67.0' End of Boring Grout 43.0 - 0.0 Bentonite 45.0 -43.0 Screen 53.0 -48.0 Sand 55.0 -45.0 Bentonite 65.0 -55.0	Rec=1.9' WET

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-3I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 316.98'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATE STARTED 5/15/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 5/15/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
40		S-1	9 15 21 27			No Sample	Rec. 0
		S-2 821	7 12 16 16	SW	821	Soil Sample Br cmfS, t$	Rec. 1.0' WET
45						Stick-Up	
						Grout 32 - 0 Bentonite 37 - 32 Sand 37 - 50 Screen 42 - 47 Bentonite 50	
50							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-3S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 317.74'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATE STARTED 5/16/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 5/16/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
25		S-1 837A	2 5 23 31	SW		Br cmfS, t(+)$	Rec. 1.1' WET
		S-2 832B	15 29 30 29	SW		Br cmfS; t(+)$ <u>Brown coarse to fine SAND, trace(+) Silt (SW)</u>	Rec. 2.0' WET
30						Cement/Bentonite Grout 0 - 11 Bentonite 16 - 11 Screen 29 - 19 Sand 32 - 16 Bentonite 33 - 32	
35							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-4
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 3
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 303.25'

GROUNDWATER				CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS	DATE STARTED 5/17/84
				DIAMETER	4 3/4"	2"	DATE FINISHED 5/17/84
				WEIGHT		140#	DRILLER Victor Aimar
				FALL		30"	INSPECTOR M.L. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	1 2 2 2	SM		DkBr cmfS, s organic $ 1, rts .3 Br Same	Rec. 1.1' Dry
5		S-2	4 4 7 8	SW		Br cmfS, t(+)$ (Deltaic)	Rec. 1.0' Moist
10		S-3	6 5 4 8	SM ML		Br cmfS, s$; occ Dk S seams 10.8' TnBr $s, fS; freq S&C seams vvd (Glacio-lacustrine)	Rec. 1.55 Moist
15		S-4	3 2 1 6	ML		DkGr $&Cs, fS; vvd freq 16.0' Tn Same ~19.0'	Rec. 2.0'
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-4
PROJECT GE Moreau		SHEET 2 OF 3
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	6 10 9 9	SW		Br cmfS, t$ (Deltaic)	Rec. 1.4' WET
25		S-6 816	6 10 12 12	SW		Br cmfS, t$	Rec. 1.0' WET
30		S-7 802	10 11 12 15	SW		Br cmfS, t$	Rec. 1.3' WET
35		S-8 822	9 11 12 12	SW		Br cmfS, t(+)$	Rec. 0.6' WET
40		S-9 801	5 5 6 8	SW		Br cmfS, t(+)$	Rec. 1.0' WET
		S-10 824	5 6 13 15	SW		Same	Rec. 0.9' WET
45		S-11	10 11			(Transitional Glacio-lacustrine)	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-4
PROJECT GE Moreau		SHEET 3 OF 3
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45	834	S-11	13 16	ML		Gr Cy$ 1, fS, freq C&$, vvd	Rec. 1.8' Moist
		S-12 818	2 6 9 14	ML		Gr $s, fS; freq C&$ lyrs, vvd	Rec. 1.5' WET
		S-13 817	8 8 11 13	ML		Gr $1(-) fS; freq C&$ lyrs, vvd	Rec. 1.9' WET
50		S-14 831	5 11 13 12	ML		Same	Rec. 1.4' WET
						54.0	
55						(Glacio-lacustrine)	
		S-15 823	1 1 3 5	ML		Gr Cy$ 1(-), fS; freq C&$ lyrs	Rec. 2.0' Moist
60		S-16 809	WR WR WR 2	ML		Gr C&$; freq $&C lyrs	Rec. 2.0' WET
65						Cement/Bentonite Grout Bentonite Screen Sand Bentonite	30 33 - 30 44 - 35 46 - 33 62.0-46

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-4I
PROJECT GE Moreau		
CLIENT GE Nott		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Well Cluster Installation		ELEVATION 302.66'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Flush	SS		DATE STARTED 5/18/84
				DIAMETER	4"	2"		DATE FINISHED
				WEIGHT	300#	140#		DRILLER Victor Aimar
				FALL	18"	30"		INSPECTOR J. Wink

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
							Tri-cone & Wash [0.0' - 27']
30		S-1	15 18 22 22	SW		Tn cmfS, t$	Rec. 0.9' WET
		S-2	15 19 32 34	SW		Same; occ $&C prt, vvd	Rec. 0.1' WET
35						Tan coarse to fine SAND, trace Silt; occasional Silt & Clay partings, varved (SW)	
						Grout Bentonite Screen Sand Bentonite	0 - 24 27 - 24 29 - 35 37 - 27 38 - 32

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-4S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 302.27'

GROUNDWATER				CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS	DATE STARTED 5/21/84
				DIAMETER	4 3/4"	2"	DATE FINISHED 5/22/84
				WEIGHT		140#	DRILLER Victor Aimar
				FALL		30"	INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
5							
10							
Sands		S-1	8 7 7 5	ML		Br Cy$; occ C&S seams 12.5' Gr $&C; vvd Gray SILT & CLAY; varved	Rec. 1.7' Moist-WET
15						Well Installation Depth of Boring Bentonite Sand Pack Screen Bentonite Cement Stickup Protective Casing	32.0' 32.0' - 31.0' 31.0' - 6.0' 29.0' - 8.0' 6.0' - 2.0' 2.0' - 0.0' 2.5'
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-5
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 4
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Investigation/Monitoring Well		ELEVATION 327.01'

GROUNDWATER				CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS	
				DIAMETER	4 3/4"	2"	
				WEIGHT		140#	
				FALL		30"	

DATUM	USGS
DATE STARTED	5/21/84
DATE FINISHED	5/22/84
DRILLER	R. Gregory
INSPECTOR	M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	1 2 2 2	SM		DrBr cmfS, a organic $; rts .5' BrOr cmfS 1, organic $ (Glacio-lacustrine)	Rec. 1.5' Dry
5		S-2	5 7 11 7	SW		Br cmfS, t(+) $ Brown coarse to fine SAND, trace Silt (SW)	Rec. 1.1' Dry
10		S-3	5 5 7 10	SW		Br cmfS, t(+) $; occ Cy$ seams; occ dkbr S lyrs	Rec. 1.1' Moist
15		S-4	7 9 13 13	SW		Br cmfS, t$	Rec. 1.0' Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-5
PROJECT GE Moreau		SHEET 2 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	8 8 16 13	SW		Br cmfS, t$	Rec. 1.0' Moist
25		S-6 808	11 10 10 9	SW		Br cmfS, t(-)$ Brown coarse to fine SAND, trace(-) Silt (SW)	Rec. 1.0' WET
30		S-7 814	10 5 6 6	SW		Same (Deltaic)	Rec. 1.1 WET
35		S-8 804	6 8 8 8	SW		Gr cmf S, t$	Rec. 1.3 WET
40		S-9 833	11 8 9 10	SW		Gr cmfS, t$	Rec. 1.2' WET
		S-10 825	15 12 13 17	SW		Gr cmfS, t(-)$	Rec. 1.2'
45		S-11 811	3 9	SW			

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-5
PROJECT GE Moreau		SHEET 3 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-11 811	14 15	SW		Gr cmfS, t$; occ dk S seams	Rec. 1.5' WET
		S-12 807	11 15 18 17	SW		Gr cmfS, t$	Rec. 1.6' WET
		S-13 806	14 19 14 17	SW		Gr cmfS, t$, occ dk S seams	Rec. 1.2' WET
50		S-14 812	7 17 19 15			Gr cmfS, t$, t(-) mG (single drop pebble)	Rec. 1.0' WET
55		S-15 815	11 13 17 23	SW		GrBr cmfS, tS,t(-)mG;occ drbk S seams drop pebble	Rec. 1.65' WET
60		S-16 828	11 19 23 26	SW		Same	Rec. 1.9' WET
65		S-17 827	17 21 24 40	SW SM		BrGr cmfS, t$ 66.4' Gr fS, a(+) $; freq. Cy$ seams (Transitional Glacio-lacustrine)	Rec. 1.1' WET
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-5
PROJECT GE Moreau		SHEET 4 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-18 820	16 15 17 21	SM		Gr fS, a(+) $; freq C&$ lyr (Transitional Glacio-lacustrine)	Rec. 1.6' WET
75		S-19 803	12 14 18 25	SM		Gr fS, a(+)$; freq C&$ lyr	Rec. 1.6' WET
80		S-20 830	15 20 25 26	SM		Gr fS, a(-)$; occ C&$ lyr	Rec. 1.0' WET
85		S-21 813	8 12 17 20	ML		85.0' Gr $&C; freq C&$ seams	Rec. 2.0'
90						(Glacio-lacustrine) Bentonite Sand Screen Sand Bentonite	87 - 84.5 84.5-84 84 - 69 69 - 66 66 - 61

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-5I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 327.36'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 5/23/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 5/23/84
				WEIGHT		140#		DRILLER R.Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-1 834	3 4 7 16			No Recovery	
50		S-2 831	10 9 12 11	SW		Br cmfS, t(+)$, t(-) mG, drop pebble Brown coarse to fine SAND, trace(+) Silt, trace(-) medium Gravel; drop pebble (SW)	Rec. 2.0' WET
						Bentonite Screen Sand Bentonite Cement/bentonite grout	72 - 71 45 - 69 71 - 42 37 - 42 37 - 0

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-5S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 2
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 326.87'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM	USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED	5/24/84
				DIAMETER	4 3/4"	2"		DATE FINISHED	5/24/84
				WEIGHT		140#		DRILLER	Victor Amar
				FALL		30"		INSPECTOR	J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
25		S-1 803 828	10 18 22 28	SW		Br cmfS, t$ Brown coarse to fine SAND, trace Silt (SW)	Rec. 0.9' WET
30							
35							
40							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-5S
PROJECT GE Moreau		SHEET 2 OF 2
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
40							
45						48.0'	
50						End of Boring @ 48.0' Bentonite Sand Pack Screen Bentonite Cement grout	 48 - 47 47 - 18 45 - 20 18 - 13 13 - 0

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-6
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 5
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Investigation/Monitoring Well Inst		ELEVATION 346.71'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 5/24/84
				WEIGHT		140#		DATE FINISHED 5/31/84
				FALL		30"		DRILLER R. Gregory
								INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	2, 3, 2, 3	SM / SW		Bk c(-)mfS, a organic $, rts Orbr c(-)mfS, 1(+)$ (topsoil)	Rec. 1.6' Dry
		S-2	4, 4, 3, 5	SW		Tnbr c(-)mfS, t(+)$; pkt Cy$ 3.0'	Rec. 1.6' Moist
5		S-3	4, 5, 7, 7	SW		Br cmfS, t(+)$ Brown coarse to fine SAND, trace(+) Silt (SW)	Rec. 0.9' Moist
		S-4	4, 8, 8, 6	SW		Gr cmfS, t$, t(-)mG; drop pebbles	Rec. 0.9' Moist
		S-5	4, 6, 8, 10	SW		Gr cmfS, t(+)$, t(-)mG; drop pebble (Deltaic)	Rec. 0.8' Moist
10		S-6	6, 5, 8, 12	SW		Gr c(+)mfS, t(-)$, t(+)mG; drop pebble	Rec. 0.8' Moist
		S-7	4, 7, 11, 10	SW		Grbr c(+)mfS, t$, tmG; drop pebbles	Rec. .85' WET
15		S-8	9, 7, 9, 7	SW		Grbr cmfS, t(+)$ Gray-brown coarse to fine SAND, trace(+) Silt (SW)	Rec. 0.8' WET
		S-9	10, 8, 10, 11	SW		Gr c(+)mfS, t$, 1(-)mfG	Rec. 0.8' WET
20		S-10 UO-1 829	17, 16, 16, 16			No Recovery	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-6
PROJECT GE Moreau		SHEET 2 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		829 815 S-11	7 9 9 8	SW		Br cmfS, t$, t mfG	Rec. 0.8' WET
		401 S-12 820	10 8 8 7	SW		Br c(+)mf S, t$, s(-) mfG	Rec. 1.1' WET
25		804 S-13 830	8 6 8 10	SW		Br cmfS, t(+)$ Brown coarse to fine SAND, trace (+) Silt (SW)	Rec. 0.2'
		809 S-14 823	12 9 12 12	SW		Br cmfS, t(+)$	Rec. 2.0' WET
30		812 S-15 822	4 5 5 8	SW		Same	Rec. 2.0' WET
		S-16 829 807	5 5 11 15	SW		Gr c(+)mfS, t$	Rec. 2.0' WET
		S-17 654	9 12 12 9	SW		Grbr cmfS, t$	Rec. 2.0' WET
35		S-18 655	3 4 5 6	SW		Grbr cmfS, t$, tmfG	Rec. 2.0' WET
		S-19 614	5 10 12 19	SW		Gr cmfS, t$, t(-) mG	Rec. 0.9' WET
40		S-20 616	17 22 20 16	SW		Gr cmfS, t$, t(-) mG	Rec. 1.1' WET
		S-21 607	5 9 8 10	SW		Grbr cmfS, t$, t(-) mG,	Rec. 1.2' WET
		S-22 607	10 10 11 14	SM		Grbr cmfS, t(+)$ Grbr mf(+)S, s(+)$ 43.5'	Rec. 2.0' WET
45		S-23	16 16				

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-6
PROJECT GE Moreau		SHEET 3 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
	668	S-23	14 17	SW		BrGr cmfS, t$ occ mfS, s$ lyrs	Rec. 2.0' WET
		S-24 631	12 12 14 19	SW		Same	Rec. 2.0' WET
		616 S-25	8 12 15 19	SW		BrGr cmfS, t(+)$	Rec. 1.6' WET
50		602 S-26 614	6 11 16 17	SW		BrGr cmfS, t(+)$, t(-)mfG	Rec. 1.6' WET
		654 S-27 631	7 14 18 21	SW		Same	Rec. 0.9' WET
55		655 S-28 607	12 12 15 18	SW		BrGr cmfS, t(+)$	Rec. 0.9' WET
		S-29 695	14 17 33 24	SW		BrGr cmfS, t(-)$	Rec. 1.0' WET
		S-30 677	26 21 35 22	SW		Br cmfS, t(+)$, t(+)mG	Rec. 1.6' WET
60		S-31 792	11 10 11 12	SW		Br cmfS, t$ Brown coarse to fine SAND, trace Silt (SW)	Rec. 1.4' WET
		792 S-32 677	17 26 22 27	SW		Same	Rec. 2.0' WET
65		S-33 686	25 23 22 21	SM		BrGr cmf(+)S, a(-)$; occ Cy$ seams	Rec. 2.0' WET
		S-34 781	20 26 23 25	SM		BrGr cmf(+)S, a(-)$	Rec. 1.6' WET
						Color Change	
		S-35 687	11 14 16 16			Gr mf(+)S, a(-)$; occ Cy$ seams	Rec. 1.5
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-6
PROJECT GE Moreau		SHEET 4 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-36 778	11 12 14 16	SM		Gr mfS, a(-)$, occ C&$ seams	Rec. 1.6' WET
		S-37 783	4 10 16 23	SM		Gr mfS, a(-)$ Gray medium fine SAND and (-) Silt (SM)	Rec. 1.1' WET
75		S-38 685	12 16 30 32	SM		BrGr mfS, s(-)$	Rec. 1.0' WET
		S-39 783 687	7 15 19 21	SM		Br mfS, s(+)$; occ Cy$ seams	Rec. 2.0' WET
		695 S-40 778	7 15 24 30	SM		Br mfS, s$; occ Cy$ seams Brown medium fine SAND, some Silt; occasional clayey Silt seams (SM)	Rec. 1.0' WET
80		696 S-41	4 6 14 24	SM		Same	Rec. 1.0' WET
		S-42 685	14 20 26 31	SM		Same 83.0'	Rec. 1.0' WET
		S-43 700	15 15 19 22	SM		Gr fS, a$ Gr fS, a(+)t$; freq C&$ lyr	Rec. 1.2' WET
85		686 S-44 700	10 21 26 26	SM		Gr mfS, s$; occ $ lyr	Rec. 1.5' WET
		S-45 862	56 100/.5	SM		Gr mf(+)S, a(-)$; occ mfG, s C&$ lyrs. (drop pebbles)	Rec. 0.5' WET
90		S-46 856	22 20 21 22	SM		Gr mf(+)S,s(+)$; occ mfG, 1 C&$ lyr (Transitional glacio-lacustrine)	Rec. 2.0' WET
		S-47 885A	9 14 32 35	SM		Gr mf(+)S, s(-)$; occ drgr S seams Gray medium fine(+) SAND, some(-) Silt; occasional dark gray Sand seams (SM)	Rec. .75' WET
95		S-48 885	31 27	SM			

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-6
PROJECT GE Moreau		SHEET 5 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
95		S-48 885	23	SM		Gr mfS, s(+)$; freq drgr S seams	Rec. 0.9' WET
			31				
		S-49 884A	18	SM		Same	Rec. 1.1' WET
			25				
			32				
			39				
		S-50 887	15	SM		Same	Rec. 0.8' WET
			23				
			26			99.5'	
100			30			Cmf(+)S, a(+)$ 100.0'	Rec. 2.0' WET
		S-51 886A	12	ML		Gr $&C; freq C&$ lyr, vvd (glacio-lacustrine)	
			15				
			15				
			16				
		S-52 887A	11	ML		Same	Rec. 2.0' WET
			22				
			24			End of Boring @ 104'	
			33				
105						Bentonite	102 - 104
						Sand	102 - 72
						Screen	100 - 75
						Bentonite	72 - 67
						Grout	67 - 0
110							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-6I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 346.83'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 6/1/84
				WEIGHT		140#		DATE FINISHED 6/1/84
				FALL		30"		DRILLER R. Gregory
								INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
50		S-1 888	6 8 11 12	SW		Br cm(+)fS, t(+)$ Brown coarse to fine SAND, trace(+) Silt (SW)	Rec. 1.0' WET
						End of Boring @ 78'	
						Bentonite Sand Screen Bentonite Grout	78 - 77 77 - 48 75 - 50 48 - 43 43 - 0

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-6S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 347.06'

GROUNDWATER				CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 6/4/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/4/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
30		S-1	6 5 6 9	SW		Br cmfS, t$, tfG (drop-stone) Brown coarse to fine SAND, trace Silt, trace fine Gravel; drop-stone (SW) End of Boring @ 53.0' Bentonite Sand Screen Bentonite Cement grout	Rec. 1.0' WET 53.0 - 52.0 52.0 - 19.6 50.0 - 22.0 19.6 - 14.6 14.6 - 0.0

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-7
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 4
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Inv./Monitor Wells		ELEVATION 349.24'

GROUNDWATER				CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS	DATE STARTED 5/24/84
				DIAMETER	4 3/4"	2"	DATE FINISHED 5/30/84
				WEIGHT		140#	DRILLER Victor Aimar
				FALL		30"	INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	1 1 2 2	SM SW		DkBr cmfS, a Cy$; rts, mld Br cmfS, 1(-) Cy$ (topsoil) 1.0' (Deltaic)	Rec. 1.3' Dry
5		S-2	6 7 7 10	SW		Br cmfS, t$ Brown coarse to fine SAND, trace Silt (SW)	Rec. 0.5' Dry
10		S-3	6 9 14 16	SW		Br cmfS, t$, tmfG; drop-stones	Rec. 0.9' Moist
15		S-4	8 13 17 18	SW		Br cmfS, t$, tmfG; drop-stones	Rec. 0.7' Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-7
PROJECT GE Moreau		SHEET 2 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	9 12 12 13	SW		Br cmfS, t$, tfG; drop-stones	Rec. .7' WET
						(Deltaic)	
25		802 S-6 808	15 19 21 25	SW		Br cmfS, t(+)Cy$, tmfG; drop-stones	Rec. 1.2' WET
30		801 S-7 805	16 17 23 18	SM		Br mfS, s(-)Cy$ Brown medium fine SAND, some(-) Clayey Silt (SM)	Rec. .7' WET
35		810 S-8 824	14 21 21 23	SM		Br fS, aCy$	Rec. .8' WET
40		879A S-9	7 13 18 23	SM		Br fS, sCy$	Rec. 1.2' WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-7
PROJECT GE Moreau		SHEET 3 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		879B S-10	18 24 28 39	SW		Br cmfS, 1 $, tfG (Deltaic)	Rec. 1.4' WET
50		880A S-11	8 16 18 22	SM		Brgr mfS, s(+)$, tmG; drop-stones Br $&C seam @ 50.5'	Rec. 1.0' WET
55		880B S-12	16 21 27 28	SW		Br cmfS, t(+)$; lyr mfS, s(+)Cy$	Rec. 1.2' WET
60		S-13 881A	18 17 21 24	SW		Br cmfS, t(+)$; lyr mfS, sCy$	Rec. 1.2' WET
65		881A S-14	12 18 19 23	SM		Gr mfS, a(-)$ Gray medium fine SAND, and (-) Silt (SM)	Rec. 1.0' WET
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-7
PROJECT GE Moreau		SHEET 4 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-15 882	17 25 27 32	SM		Gr mfS, s(+)$; occ Cy$ seams (Deltaic) 73.0'	Rec. .7' WET
						(Transitional Glacio-lacustrine)	
75		882A S-16	21 25 28 36	ML		Gr $1, fS; freq ½" thick $&C lyrs	Rec. 1.0' WET
80		883 S-17	20 31 29 37	SM		Gr fS, s$; freq ¼" $&C lyrs	Rec. .8' WET
85		883A S-18	23 28 29 37	SM		BrGr fS, 1$ Brown-Gray fine SAND, little Silt (SM) 89.0'	Rec. 1.0' WET
						(Glacio-lacustrine)	
90		884 S-19	5 13 13 19	ML		Gr $&C; vvd, freq Gr $t, fS seams End of Boring @ 92.0' Bentonite 92 - 90 Screen 88 - 65 Sand Pack 90 - 63 Bentonite 63 - 58 Cement 58 - 0	Rec. 2.0' WET

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-7I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 348.97'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 5/30/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 5/31/84
				WEIGHT		140#		DRILLER Victor Aimar
				FALL		30"		INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-1 886	14 18 15 15	SW		Br cmfS, t$ Br fS, a$ Brown fine SAND, and Silt (SW) End of Boring @ 68' Bentonite 68 - 67 Sand 67 - 42 Screen 65 - 45 Bentonite 42 - 37 Grout 37 - 0	Rec. .9' WET
50							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-7S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 349.04'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATE STARTED 5/30/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/1/84
				WEIGHT		140#		DRILLER Victor Aimar
				FALL		30"		INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
30		S-1 888A	8 9 13 13	SM		Br mfS, s$; drop-stone Brown medium to fine SAND, some Silt; drop-stone (SM)	Rec. 1.0' WET
35						End of Boring @ 48.0'	

Bentonite	48 - 47
Sand	47 - 20
Screen	45 - 22
Bentonite	20 - 15
Grout	15 - 0

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-8
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 5
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Wells		ELEVATION 348.83'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM	USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot	SS		DATE STARTED	6/4/84
				DIAMETER	4 3/4"	2"		DATE FINISHED	6/6/84
				WEIGHT		140#		DRILLER	V. Aimar
				FALL		30"		INSPECTOR	M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	1 1 2 2	SM SW		DkBrBk cm(+)fS, a(-) o$ .8 DrBrOr cmfS, 1 o$	Rec. = 1.5' Dry
						(Deltaic)	
5		S-2	5 9 9 7	SW		Gr cmfS, t$ Gray coarse to fine SAND, trace Silt (SW)	Rec. = .9 Moist
10		S-3	3 6 7 8	SW		Gr cmfS, t$, tfG	Rec. = .9 Moist
15		S-4	9 12 15 15	SW		Gr cmfS, t(+) $	Rec. = 1.0 Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-8
PROJECT GE Moreau		SHEET 2 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	8 13 14 17	SW		BrGr cmfS t(-)$, t(+) mfg	Rec. = 1.0 WET
						(Deltaic)	
25		S-6 913	10 13 15 18	SW		Same; occ. DkBkRd S seams	Rec. = 1.0 WET
30		S-7 916	9 12 17 16	SW		Same	Rec. = 1.1 WET
35		S-8 920	11 22 29 26	SW		BrGr cmfS, t(-) $, t mfG occ. DkBkRd S seams Brown-Gray coarse to fine SAND, trace(-) Silt, trace medium fine Gravel (SW)	Rec. = 1.0 WET
40		S-9	11 19 20 20	SW		Same	Rec. = 1.6 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-8
PROJECT GE Moreau		SHEET 3 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10 918	8 12 17 17	SW		BrGr cm (+) f S, t(+)$; occ. drbkrd S seams (Deltaic)	Rec. = 1.5 WET
50		S-11 919	10 15 19 18	SW		BrGr cmfS, t$; occ. dkbkrd S seams	Rec. = 1.65 WET
55		S-12 915	8 14 24 21	SW		BrGr cmfS, t(+) $ Brown-Gray coarse to fine SAND, trace(+) Silt (SW)	Rec. = 1.5 WET
60		S-13 925	17 19 19 18	SW		BrGr cmfS, t(+) $	Rec. = 1.6 WET
65		S-14 917	24 42 40 34	SW		BrGr cmfS, t(+) $; occ. mfS, s(-) $ lyrs.	Rec. = 1.4 WET
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-8
PROJECT GE Moreau		SHEET 4 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		924 S-15	10 16 25 30	SM		BrGr mf(+)S, s(-) $, t(-) mfG; occ. $&C seams (Deltaic)	Rec. = 1.0 WET
75		923 S-16	13 17 20 18	SM		Same	Rec. = 1.1 WET
80		S-17 922	15 25 26 26	SW		BrGr cmfS, t(+) $ 84.0'	Rec. = 1.3 WET
85		956 S-18	10 18 28 31	SM		Gr mfS, a(+)$; occ. gr $&C sms. (Transitional glaciolacustrine)	Rec. = 1.2 WET
90		957 S-19	16 25 28 21	SW		Gr mfS, 1$ Gray medium fine SAND, little Silt (SW)	Rec. = 1.3 WET
95							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-8
PROJECT GE Moreau		SHEET 5 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
95		958	14	ML		Gr $ a, mfS; $&C lyrs.	Rec. = 1.2 WET
			18				
		S-20	20				
			30				
100		959	23	SP		Gr mfS, 1$	Rec. = 1.3 WET
			29				
		S-21	34			Gray medium fine SAND, little Silt (SP)	
			31				
						104.0'	
						(Glacio-lacustrine)	
105		S-22	12	ML		Gr $1,fS , freq. gr $&C lyrs.	Rec. = 2.0 WET
			13				
		960	15				
			31			106.2'	
		957A	6	ML		Gr $&C; freq. gr $ seams	Rec. = 2.0 WET
			13			Gr $&C; occ. gr $ seams	
		S-23	14	ML			
			15			End of Boring @ 108.0'	
110						Well Installation:	
						Bentonite 109.0 - 107.0'	
						Sand Pack 107.0 - 73.0'	
						Screen 106.0 - 75.0'	
						Bentonite 73.0 - 68.0'	
						Cement Grout 68.0 - 0.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-8I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 348.76'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	MUD ROT	SS		DATE STARTED 6/6/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/6/84
				WEIGHT		140#		DRILLER V. Aimar
				FALL		30"		INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
51		S-1	8 9			Br cmfS, 1(-) $	Rec. = .6' WET
53		935	11 11				
						End of Boring @ 78.0'	

Well Installation:

Bentonite	78.0 - 77.0'
Sand Pack	77.0 - 42.0'
Screen	75.0 - 45.0'
Bentonite	42.0 - 37.0'
Cement Grout	37.0 - 0.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-8S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 348.56'

GROUNDWATER				CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS	DATE STARTED 6/6/84
				DIAMETER	4 3/4"	2"	DATE FINISHED 6/7/84
				WEIGHT		140#	DRILLER V. Aimar
				FALL		30"	INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
30		S-1 937	8 9 14 14			Br cmfS, t$	Rec. = .9 WET

End of Boring @ 48.0'

Well Installation:

Bentonite	48.0 - 47.0'
Sand Pack	47.0 - 19.0'
Screen	45.0 - 22.0'
Bentonite	19.0 - 14.0'
Cement Grout	14.0 - 0.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-9
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 4
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 333.96'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 6/5/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/5/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	1 2 2 4	SM		Bk cmfS, t(+) o$; rts. (Humus)	Rec. = 2.0 Dry
5		S-2	4 8 9 9	SW		DrBr cmfS, t$, t(-) mfG (Deltaic)	Rec. = 1.0 Moist
10		S-3	4 6 10 10	SW		GrBr cmf S, t(-) $ Gray-Brown coarse to fine SAND, trace(-) Silt (SW)	Rec. = 1.6 Moist
15		S-4	3 6 11 14	SW		GrBr cmfs, t(+) $	Rec. = 1.4 Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-9
PROJECT GE Moreau		SHEET 2 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	7 8 11 14	SW		BrGr cm(+)fS, t(+)$; occ. $ lyrs.	Rec. = 1.4 Moist
						(Deltaic)	
25		S-6 929	7 9 14 15	SW		BrGr cmfS, t(+)$; occ. Br Cy$ S lyrs.	Rec. = 1.35 WET
30		S-7 928	14 15 21 23	SW		BrGr cm(+)fS, t(-) $; freq. DkRdBk S seams	Rec. = .85 WET
35		S-8 927	8 17 16 15	SW		BrGr cmfS, t(-)$; occ. BkRd S seams	Rec. = 1.0 WET
40		S-9 955	15 12 16 18	SW		BrGr cmfS, t(-)$; occ. BkRd S seams	Rec. = 1.1 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-9
PROJECT GE Moreau		SHEET 3 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10 954	12 12 15 16	SW		Same	Rec. = 1.1 WET
50		S-11 953	10 15 17 16	SW		BrGr cmf S, t $; freq. dkBk S seams (Deltaic)	Rec. = 1.2 WET
55		S-12 951	8 16 18 23	SW		Same	Rec. = 1.1 WET
60		S-13 952	20 27 28 25	SW		BrGr cmf S, t(-) $	Rec. = 1.3 WET
65		S-14 930	37 29 30 33	SW		GrBr cmfS, t(+) $; occ. dkBk S seams	Rec. = 1.6 WET
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-9
PROJECT GE Moreau		SHEET 4 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-15	23 35 42 48	SW		BrGr cmfS, t(+) $; freq. dkBk S seams (Deltaic)	Rec. = 1.0 WET
75		S-16	12 23 23 47/0	ML GM		DkGr $&C 1(-), fS; freq. C&$ seams vvd. (Glacio-lacustrine) 76.0' DkGr mfG a(+), cmf(+)S, t(+) Cy$ (Lodgement Till) 79.0'	Rec. = 1.4 WET-Moist inferred contact change in drillin
80		S-17				End of Boring @ 79.0' (Bedrock?) Well Installation: Bentonite 79.0 - 76.0' Sand 76.0 - 47.0' Screen 75.0 - 50.0' Bentonite 47.0 - 42.0' Grout 42.0 - 0.0'	
85		S-18					
90		S-19					
95							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-9I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren Geroge, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 334.19'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 6/6/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/6/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
36		S-1 936	11 16 21 23	SW		Br cmfS, t $; occ. Bk sms.	Rec. = 1.3 WET
38						End of Boring @ 53.0'	

Well Installation:

Bentonite	53.0 - 52.0'
Sand	52.0 - 32.0'
Screen	35.0 - 50.0'
Bentonite	32.0 - 27.0'
Grout	27.0 - 0.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. 9S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 335.40'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 6/7/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/7/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
33		S-1 938	50 36 20 25	SW		BrGr cmfS, t(-) $, t(-) mG; occ. Dk S sms.	Rec. = 2.0 WET
35						End of Boring @ 38.0'	

Well Installation:

Bentonite	38.0 - 37.0'
Sand	37.0 - 20.0'
Screen	23.0 - 35.0'
Bentonite	20.0 - 15.0'
Grout	15.0 - 0.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-10
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 3
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Inv./Monitoring Well Installation		ELEVATION 336.77'

GROUNDWATER					CASING	SAMPLE	CORE		
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATUM	USGS
				DIAMETER	4 3/4"	2"		DATE STARTED	6/7/84
				WEIGHT		140#		DATE FINISHED	6/11/84
				FALL		30"		DRILLER	R. Gregory
								INSPECTOR	M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1 939	1 2 1 3	SM SW		Bk cmf S, a o$; rts. (Humus) 1.0 OrBr cmfS, t(+)$; rts. (Deltaic)	Rec. = 2.0 Moist
5		S-2 940	6 7 10 10	SW		BrGr c(+) mfS, t(-) $	Rec. = 1.6 Moist
10		941 S-3	5 6 7 14	SW		GrBr c(+)mfS, t(+)$	Rec. = 1.4 Moist
15		S-4 942	4 7 8 8	SW		GrBr c(+) mfS, t(+)$, t(-) mfG	Rec. = 1.4 Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-10
PROJECT GE Moreau		SHEET 2 OF 3
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-5 943	7 7 9 11	SW		GrBr c(+)mfS, t(+) $, t(-) mfG; occ. Br Cy$ sms. (Deltaic)	Rec. = 1.1 Moist
25		S-6 944	6 7 14 9	SW		GrBr cmf(+) S, t(+) $ Gray-Brown coarse to fine(+) SAND, trace(+) Silt (SW)	Rec. = 1.6 WET
30		S-7 945	6 4 4 9	SM		GrBr cmf(+) S, s(+)$; freq. Cy$ seams occ. Bk S seams	Rec. = 1.8 WET
35		S-8 946	11 16 19 21	SM		GrBr mf(+)S, s $; freq. Cy$ seams	Rec. = 1.0 WET
40		S-9	12 10 11 15	SW		GrBr cmfS, t(+)$; occ. Cy$ seams	Rec. = 1.1 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-10
PROJECT GE Moreau		SHEET 3 OF 3
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10 948	9 12 14 16	SW		GrBr cmf S, t(-) $ Gray-Brown coarse to fine SAND, trace(-) Silt (SW) 49.0'	Rec. = 1.0 WET
50		S-11 949	9 10 10 7	SM		Gr mf(+) S, a $, freq. Cy$ lyrs. (Transitional) 55.0'	Rec. = 2.0 WET
55		S-12 942	2 3 5 14	ML		Gr $&C; freq. C&$ sms., vvd. (Glacio-lacustrine) Gray SILT & CLAY; frequent Clay & Silt seams, varved (ML) 60.0'	Rec. = 2.0 WET
60		S-13 941	2 2 2 3	ML		Same End of Boring @ 60.0' Well Installation Bentonite 60.0 - 55.0' Sand 55.0 - 40.0' Screen 53.0 - 43.0' Bentonite 40.0 - 35.0' Grout 35.0 - 0.0'	Rec. = 2.0 WET
65							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-10I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 336.67'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 6/11/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/11/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
35		S-1	7 10 15 19			Br cmfS, 1$	Rec. = 0.6' WET
40						Brown coarse to fine SAND, little Silt	
45						46.0'	
						End of Boring @ 46.0'	

Well Installation

Bentonite	46.0 - 45.0'
Sand Pack	45.0 - 30.0'
Screen	43.0 - 33.0'
Bentonite	30.0 - 25.0'
Grout	25.0 - 0.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-10S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 336.64'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 6/12/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/12/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
25			3 5 14 16			Br c(-)mfS, 1$ — 26.3 Br Cy$ 1, fS; freq. 1/8" Gr $&C seams — 27.1 Br mfS, s$	Rec. = 1.8' WET
30		S-1					
35						36.0'	
40						End of Boring @ 36.0' Well Installation Bentonite 36.0 - 35.0' Sand 35.0 - 12.0' Screen 33.0 - 15.0' Bentonite 12.0 - 7.0' Grout 7.0 - 0.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-11
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 5
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 350.51'

GROUNDWATER				CASING	SAMPLE	CORE
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS	
				DIAMETER	4 3/4"	2"	
				WEIGHT		140#	
				FALL		30"	

DATUM USGS
DATE STARTED 6/7/84
DATE FINISHED 6/11/84
DRILLER V. Aimar
INSPECTOR J. Uruskyj
M. Iannielio

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	2 3 3 3	SM		Bk cmfS, s Cy$, tfG (Humus) OrBr cmfS t(-)$, tfG Br cmfS, t$, tfG	Rec. = 1.4' Dry
		S-2	3 4 4 5	SW		Br cmfS, t$, tfG <u>Brown coarse to fine SAND, trace Silt, trace fine Gravel (SW)</u>	Rec. = 1.4 Dry
5		S-3	3 5 6 8	SW		Br cmfS, t(+)$	Rec. = 1.0 Dry
		S-4	8 8 7 10	SW		Br cmfS, t(+)$; freq. rd-bk lyrs.	Rec. = .8 Dry
		S-5	5 7 11 13	SW		Br cmfS, 1(-) Cy$, 1 mfG	Rec. = 1.1 Dry
10		S-6	9 11 13 12	SW		Br cmfS, t$, 1fG	Rec. = 1.0 Moist
		S-7	4 6 7 10	SW		Br cmfS, 1 Cy$, tfG	Rec. = .8 Moist
15		S-8	3 7 8 8	SW		Br cmfS, 1 Cy$, tfG	Rec. = .7 Moist
		S-9	3 6 6 7	SW		Same	Rec. = .7 Moist
		857 S-10	7 8 8 8	SW		Br cmfS, 1(-) Cy$, 1fG	Rec. = 1.0 WET
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-11
PROJECT GE Moreau		SHEET 2 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-11	4 8 9 9	SW		Br cmfS, t Cy$, t(+)fG	Rec. = 1.0 WET
		S-12	6 10 12 10	SW		Same	Rec. = .9 WET
25		S-13	5 12 13 12	SW		Br cmfS, t$, 1mfG	Rec. = 1.0 WET
		S-14	7 11 16 11	SW		Br cmfS, t$, 1(-) fG	Rec. = .9 WET
30		S-15	5 7 9 9	SW		Br cmfS, t$, t(+)fG	Rec. = 1.1 WET
		S-16	6 6 7 7	SW		Same	Rec. = 1.0 WET
		890 S-17	6 5 6 7	SW		Br cmfS, t$, 1(+)mfG	Rec. = 1.3 WET
35		891 S-18	5 5 12 15	SW		Same	Rec. = 1.0 WET
		892 S-19	13 19 20 15	SW		Br cmfS, t$, s(-)fG	Rec. = .9 WET
40		893 S-20	10 12 16 12	SW		Br cmfS, t$, 1 mfG	Rec. = 1.1 WET
		894 S-21	12 12 17 17	SW		Br cmfS, t(+) Cy$, tfG	Rec. = 1.0 WET
		895 S-22	5 6 8 13	SW		Br cmfS, t Cy$	Rec. = .9 WET
45		896	12 16			Brown coarse to fine SAND, trace clayey Silt	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-11
PROJECT GE Moreau		SHEET 3 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION		REMARKS
		S-23	17 17			Br cmfS, t Cy$		Rec. = .8 WET
		897 S-24	4 7 17 23			GnGr cmfS, t Cy$		Rec. = .9 WET
		898 S-25	14 14 13 15			Same Bk cmfS t$	48.4' 48.8'	Rec. = 1.1 WET
50		899 S-26	13 17 20 20			Gr $, tfS Gr $, lfS	50.0'	Rec. = .8 WET
		900 S-27	13 14 18 20			Br mfS, a$; occ. $&C seams		Rec. = 1.1 WET
55		901 S-28	14 16 17 20			Br cmfS, l$; freq. bkrd seams		Rec. = 1.4 WET
		902 S-29	10 17 19 20			BrGr cmfS, l$		Rec. = 1.0 WET
		890B S-30	12 14 15 19			BrGr cmfS, t$, tfG		Rec. = 1.1 WET
60		889B S-31	11 13 16 17			BrGr cmfS s, t$		Rec. = 1.5 WET
		891B S-32	7 13 17 21			Br cmfS, l(+)$		Rec. = 1.6 WET
65		892B S-33	14 16 20 20			Br cmfS, l$		Rec. = 1.3 WET
		893B S-34	10 17 24 28			Br cmfS, t(+) $		Rec. = 1.1 WET
		894B S-35	14 15 16 17			Br fS, s$		Rec. = 1.0 WET
70								

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-11
PROJECT GE Moreau		SHEET 4 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		895B S-36	8, 11, 14, 19	SM		Br mfS, s$ Brown medium fine SAND, some Silt	Rec. = 1.2 WET
		896B S-37	16, 18, 20, 25	SM		Br mfS, s$ Br cmfS 1$ 73.5'	Rec. = 1.4 WET
75		118 S-38	10, 11	SW		Br cmfS, 1$; ½" $&C seams @ 75.8'	Rec. = 1.3 WET
			32, 38	SM		Br mfS, s$	
		119 S-39	6, 16, 22, 25	SM		Br mfS, s$	Rec. = 1.8 WET
		120 S-40	16, 19, 19, 17	SM		Br cm(+)fS, s(-) $; occ. Cy$ seams	Rec. = 1.6 WET
80		121 S-41	13, 16	SM		Br cmf(+)S, s(-)$, t(-) G	Rec. = 1.8 WET
			19, 26	SM		Gr fS, a(-) Cy$ (Transitional Glaciolacustrine) 82.0'	
		122 S-42	9, 9, 20, 28	SM		Gr cmf(+)$, s(+)$ Gray coarse to fine(+) SAND, some(+) Silt	Rec. = 1.7 WET
85		124 S-43	11, 18, 18, 22	SM		Gr mfS, a(-)$; occ. Cy$ seams	Rec. = 1.9 WET
		125 S-44	8, 15, 22, 29	SM		Same	Rec. = 1.6 WET
		126 S-45	17, 28, 35, 42	SM		Gr mf(+)S, a(-) $; freq. drk. $ seams	Rec. = 1.6 WET
90		S-46 127	12, 19, 27, 25	SM		Same 92.0'	Rec. = 1.9 WET
		S-47 128	10, 16, 15, 20	ML		DkGr Cy$ a, fS, freq. C&$ seams (Glaciolacustrine)	Rec. = 2.0 WET
95		S-48 129	7, 10	ML		DrGr Cy$; freq. C&$ seams	Rec. = 2.0 WET

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-11
PROJECT GE Moreau		SHEET 5 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 96.0'	
						Well Installation	
						Bentonite 96.0 - 93.0' Sand 93.0 - 77.0' Screen 92.0 - 80.0' Bentonite 77.0 - 72.0' Grout 72.0 - 0.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-11I
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 350.51'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 6/12/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/12/84
				WEIGHT		140#		DRILLER R. Gregory
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
46		S-1	7 10 13 17			Br cmfS, t(-)$, occ. drk RdBr S seams	Rec. = 1.1 WET
48						End of Boring @ 83.0' Well Installation Bentonite 83.0 - 82.0' Sand 82.0 - 42.0' Screen 45.0 - 80.0' Bentonite 42.0 - 37.0' Grout 37.0 - 0.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-11S
PROJECT GE Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 350.32'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 6/13/84
				WEIGHT		140#		DATE FINISHED 6/13/84
				FALL		30"		DRILLER V. Amair
								INSPECTOR J. Uruskyj

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
30		S-1 236	10 12 12 14			Br cmfS, t$, s mfG	Rec. = .6 WET
35						End of Boring @ 48.0' Well Installation Bentonite 48.0 - 47.0' Sand 47.0 - 19.0' Screen 45.0 - 22.0' Bentonite 19.0 - 12.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-12
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 4
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 343.79'

GROUNDWATER					CASING	SAMPLE	CORE		
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATUM	USGS
				DIAMETER	4 3/4"	2"		DATE STARTED	6/12/84
				WEIGHT		140#		DATE FINISHED	6/14/84
				FALL		30"		DRILLER	R. Gregory
								INSPECTOR	M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1 140	2 1 1 2	SM		DkBr cmfS, ao$; rts. (Humus) 1.0'	Rec. = 1.6 Dry
						BrOr cmfS, t(+) $. (Deltaic)	
5		S-2 141	7 6 6 7	SW		Br cmfS, t(-)$ Brown coarse to fine SAND, trace(-) Silt (SW)	Rec. = 1.5 Moist
10		S-3 142	8 9 9 16	SW		Br cmfS, t $; occ. dk S seams	Rec. = 1.6 Moist
15		S-4	5 4 4 7	SW		Same	Rec. = 1.2 Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-12
PROJECT GE Moreau		SHEET 2 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	10 9 10 14	SW		Br cmfS, t(+)$; occ. dkbr Cy$ seams	Rec. = 1.3 Moist
25		S-6 143	26 23 24 28	SM		Br mf(+) S, s(-)$	Rec. = 2.0 WET-Moist
30		144 S-7	16 24 38 38	SW		Gr cmfS, t(+)$; occ. dk $ seams, occ. Br Cy$ seams	Rec. = 1.7 WET
35		S-8 145	24 18 18 16	SM		BrGr mfS, a(-)$; freq. Cy$ seams	Rec. = 2.0 WET
40		S-9 146	15 14 12 15	SW		Br cmfS, t(-)$ Brown coarse to fine SAND, trace(-) Silt (SW)	Rec. = 2.0 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-12
PROJECT GE Moreau		SHEET 3 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10 147	10 10 11 14	SW		Br cmfS, t(-) $	Rec. = .8 WET
50		S-11 148	16 17 19 22	SW		BrGr cmfS, t(+)$ Brown-Gray coarse to fine SAND, trace(+) Silt (SW) (Deltaic)	Rec. = 1.0 WET
55		S-12 149	25 30 25 26	SW		BrGr cmf S, t(-) $ 60.0'	Rec. = 1.0 WET
60		S-13 150	18 21 26 28	SM		BrGr mf(+) S, s $; occ. Cy$ sms. (Transitional) 65.0'	Rec. = 1.2 WET
65		S-14 151	9 9 10 14	ML		Gr $&C; freq. C&$ lyrs., vvd. (Glaciolacustrine) Gray SILT & CLAY; frequent Clay & Silt layers, varved End of Boring @ 67.0'	Rec. = 2.0
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-12
PROJECT GE Moreau		SHEET 4 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						Well Installation Bentonite 67.0 - 65.0' Sand 65.0 - 45.0' Screen 63.0 - 48.0' Bentonite 45.0 - 40.0' Grout 40.0 - 0.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-12I
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 343.87'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud. Rot	SS		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 6/14/84
				WEIGHT		140#		DATE FINISHED 6/14/84
				FALL		30"		DRILLER V. Amair
								INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
33		S-1 155	30 36 36 37	SM		Br mfS, s$; occ. Cy$ sms.	Rec. = 1.6 WET
35		S-2 156	13 14 16 16	SM		Gr mf(+) S, a$, freq. Cy$ sms.	Rec. = 1.8 WET
37		S-3 157	10 10 13 20	SM		Same Gray medium to fine(+) SAND, and Silt; frequent Clayey Silt Seams (SM)	Rec. = 1.9 WET
39						End of Boring @ 51.0' Well Installation Bentonite 51.0 - 50.0' Sand 50.0 - 30.0' Screen 48.0 - 33.0' Bentonite 30.0 - 25.0' Grout 25.0 - 0.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-12S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 344.02'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud. Rot	SS		DATE STARTED 6/15/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/15/84
				WEIGHT		140#		DRILLER V. Amair
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
21		S-1 158	11 12 17 16	SM		Br mfS, s$; occ. Cy$ lyrs.	Rec. = 1.8 WET
23		S-2 159	11 12 17 20	SM		LtBr mf(+)S, a(-)$; occ. Cy$ lyrs.	Rec. = 1.9 WET
25		S-3 160	21 30 45 50	SM		Br mfS, l(+)$; occ. Cy$ lyrs.	Rec. = 1.9 WET
27						Brown medium fine SAND, little (+) Silt; occasional Clayey Silt layers (SM)	
						End of Boring @ 36.0'	
						Well Installation Bentonite 36.0 - 35.0' Sand 35.0 - 14.0' Screen 33.0 - 17.0' Bentonite 14.0 - 9.0' Grout 9.0 - 0.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-13
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 285'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 6/19/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 6/19/84
				WEIGHT		140#		DRILLER V. Amair
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	2 1 3 5	SM		Bk cmfS, a o$ (Humus) OrBr cmfS, 1(+) $; rts. 1.0'	Rec. = 1.5 Dry
						(Deltaic)	
5		S-2	5 8 9 10	SW		BrGr cmfS, t(+)$; occ. BkRd S seams Brown-Gray coarse to fine SAND, trace (+) Silt; occasional Black-Red Sand seams (SW) 8.5'	Rec. = 1.6 WET
						(Glaciolacustrine)	
10		S-3 238	4 4 4 3	ML		DrGr Cy$; freq. C&$ lyrs., vvd. Dark Gray CLAYEY SILT; frequent Clay & Silt layers, varved (ML)	Rec. = 2.0 WET
						End of Boring @ 10.0'	
15						Well Installation Bentonite 10.0 - 9.5' Sand 9.5 - 3.0' Screen 8.5 - 3.5' Bentonite 3.0 - 2.0' Grout 2.0 - 0.0' Stickup 3.5	
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-14
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 5
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 339.13'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud. Rot	SS		DATE STARTED 8/1/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 8/2/84
				WEIGHT		140#		DRILLER V. Amair
				FALL		30"		INSPECTOR M. Ianniello/ R. Sutch

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	3 9 11 11	SW SM		DkBr mfS, a(+), s o $ .7' TnOr cmfS, a(+) $ 1.0'	Dry Rec. = 1.3
5		S-2	4 7 6 9	SW		Br c(+)mfS, t$	WET Rec. = 0.9
10		S-3	5 8 13 18	SW		Br cmfS, t(+)$	WET Rec. = 0.7
15		S-4	12 21 23 30	SW		Br cmfS, t(+)$; occ. dkBr S seams	WET Rec. 0.7

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-14
PROJECT GE/Moreau		SHEET 2 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	11 15 21 26	SW		BrGr c(+)mfS, t$; t(+)mfG; mfG lyr. @ 21.4' Br cmf(+)S, t(+)$; occ. RdBr S sms.	Rec. = 1.0 WET
25		S-6	8 19 22 38	SW		Br cmfS, t(+)$, tmfG; 1" mfG lyr. @ 26.0'	Rec. = 1.1 WET
30		S-7	7 12 9 16	SM		Br mf(+)S, a(-)$; freq. Bk sms.	Rec. = 1.1 WET
35		S-8	31 60 61 48	SW		BrGr cmfS, t$, t(+)fG; freq. BkRd S seams	Rec. = 1.2 WET
40		S-9	8 16 19 23	SW		Br cmfS, t$; occ. Bk S sms.	Rec. = 1.0 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-14
PROJECT GE/Moreau		SHEET 3 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10	13 20 16 17	SM		BrGr cmf(+)S, s(-)$; freq. Bk S seams	Rec. = 1.7 WET
50		S-11	8 13 16 29	SM		BrGr cm(+)fS, 1$; freq. Bk S seams	Rec. = .9 WET
55		S-12	14 42 66 67	SM		GrBr m(+)fS, s$; freq. Bk S seams	Rec. = .9 WET
60		S-13	16 30 32 34	SM		GrBr cmf S, t$	Rec. = 1.1 WET
65		S-14	10 24 38 35	SM		Gr mf(+)S, s$; ½" $&C lyr.	Rec. = 1.0 WET
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-14
PROJECT GE/Moreau		SHEET 4 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-15	11 20 26 33	SM		Gr mf(+)S, s $; freq. Bk S seams, ½" S&C lyr.	Rec. = 1.1 WET
75		S-16	19 30 33 42	SM		Gr mf(+) S, s(+)$; freq. Bk S seams	Rec. = 1.0 WET
80		S-17	9 21 26 29	SM		Gr mf(+)S, s(+)$; ½" C&$ seams, freq. Bk sms.	Rec. = 1.0 WET
85		S-18	10 25 28 35	SM		(TRANSITIONAL ZONE) Gr mf(+)S, a $; occ. $&C seams	Rec. = 1.0 WET
90		S-19	7 19 24 33	SM	color change	BrGr mfS, a(-)$; occ. $&C seams	Rec. = 1.1
95							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-14
PROJECT GE/Moreau		SHEET 5 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
95		S-20	20 31 31 30	SM		Gr mf(+)S, s$	Rec. = .9 WET
						98.0'	
100		S-21	5 10 19 15	SM		Gr fS a, $ & C sms. vvd.	Rec. = 1.9 WET
						102.5 Osterberg thin-walled piston sample	
105						104.5 End of Boring @ 104.5'	
						Cave in to 102.5' Bentonite 101.5' Sand 101.0' - 70.0' Screen 98.0' - 73.0' Bentonite 70.0' - 65.0' Grout 65.0' - 0.0'	
110						100.5 total PVC 75.5 blank 25.0 screen 10-slot Sand Morie #½	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. 14I
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 341.74'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	None		DATE STARTED 8/2/84
				DIAMETER	4 3/4"			DATE FINISHED 8/3/84
				WEIGHT				DRILLER V. Amair
				FALL				INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 76.0'	

Bentonite	75.0
Sand (Morie #1)	74.0 - 45.0
Screen (20-slot)	73.0 - 48.0
Bentonite	45.0 - 40.0
Grout	40.0 - 0.0
Stickup	2.5
PVC total	75.5
Screen	25.0
Blank	50.5

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-14S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Monitoring Well Installation		ELEVATION 341.68'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	None		DATE STARTED 8/6/84
				DIAMETER	4 3/4"			DATE FINISHED 8/6/84
				WEIGHT				DRILLER V. Amair
				FALL				INSPECTOR M. Iannello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS

Grout	10.0 - 0.0'
Bentonite	15.0 - 10.0'
Screen	48.0 - 18.0'
Sand	50.0 - 15.0'
Bentonite	51.0 - 50.0'
PVC	50.5 total
Blank	20.5
Screen	30.0
Stickup	2.5

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-15
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 6
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 352.39'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATE STARTED 8/6/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 8/8/84
				WEIGHT		140#		DRILLER V. Amair
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1				No Recovery; Root plugs	
		S-2	5 6 6 9	SW		Tn c(+)mfS, t$, tfG	Rec. = 1.5 Dry
5		S-3	5 8 11 12	SW		Br cmfS, t$; Bk S seams	Rec. = .75 Damp
		S-4	8 11 11 12	SW		Br cmfS, t$; Bk S seams	Rec. = .9 Damp
		S-5	4 6 8 8	SW		Same	Rec. = .75 Damp
10		S-6	6 8 8 8	SW		Br cmf S, t$	Rec. = 1.6 Damp
		S-7	4 8 7 10	SW		Br c(+) mf S, t$, 1(+)m(+)fG; Bk S seams	Rec. = 1.0 Damp
15		S-8	7 10 10 11	SW		Br c(+)mfS, t$; 1yr. mfG	Rec. = 1.0 Damp
		S-9	8 12 12 14	SW		Br cmfS, t$; 1yr. mfG	Rec. = .9 Damp
		S-10	20 23 17 17	SW		Br cmfS, t$, 1 mfG	Rec. = 1.4 Damp
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-15
PROJECT GE/Moreau		SHEET 2 OF 6
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION		REMARKS
20		S-11	6 12	GP		Br mfGs, cmfS, t$	20.3	Rec. = 1.0 Damp
			12 17	SW		Br cmfS, t$; occ. Bk S seams		
		S-12	14 16	SW		Br cmfS, t$		Rec. = 1.2
			15 16	GP		Br mfG s, cmfS, t$	23.7	Damp
25		S-13	9 18	GP SW		Br mfG t, cS Br cmfS, t$	25.0	Rec. = 1.1 Damp
			21 21					
		S-14	23 26	SW		Br cmfS, t$, s mfG		Rec. = .7 Damp
			16 25					
		S-15	7 11	SW		Br cmfS, t$		Rec. = .8 Damp
30			14 18					
		S-16	18 20	GP		Br mfGs, cmfS, t$	31.0	Rec. = 1.1
			22 22			Br cmfS, t$		Damp
		S-17	9 14	SW		Br cmf(+)S, t(+)$, freq. Bk S seams		Rec. = .9 WET
			18 18					
35		S-18	13 15	SP		Br mfGs, cmfS, t$		Rec. = 1.1 WET
			16 18			Br cmfS, t$	36.0	
		S-19	10 27	SW		Br cmfS, t$		Rec. = 1.0 WET
			30 30					
		S-20	12 22	SW		Br cmfS, t(+)$, t(-)mG		Rec. = 1.2 WET
40			22 21					
		S-21	4 10	SW		Br cmfS, t(+)$, t(-)fG		Rec. = .9 WET
			17 24					
		S-22	14 20	SM		Br cmf(+)S, 1(+)$, t mfG		Rec. = 1.0 WET
			25 23					
45		S-23	11 17					

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-15
PROJECT GE/Moreau		SHEET 3 OF 6
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-23	23 24	SM		Br cmf(+)S, s(-)$	Rec. = 1.5 WET
		S-24	13 15 18 20	SM		Br cmf(+)S, 1$, tmfG; G pkt.	Rec. = 1.2 WET
50		S-25	7 15 19 19	SM		Br cmfS, 1(-)$	Rec. = 1.3 WET
		S-26	12 13 15 15	SW		Br cmfS, t(+)$	Rec. = 1.1 WET
		S-27	9 12 14 15	SW		Br cmfS, t$	Rec. = .8 WET
55		S-28	9 16 15 20	SW		Br cmfS, t(+)$	Rec. = 1.6 WET
		S-29	10 17 20 21	SW		Br cmfS, t(+)$, tmG	Rec. = 1.3 WET
		S-30	18 23 24 35	SW		Br cmfS, 1$, tmG	Rec. = 1.2 WET
60		S-31	21 42 50 45	SW		Br cm(+)fS, t$; freq. Bk S seams	Rec. = 1.0 WET
		S-32	19 23 24 20	SW		Br cmfS, t(+)$; pkt. decayed organic material	Rec. = 1.2 WET
65		S-33	14 34 50 60	SW		Br cmfS, t$; occ. Bk S sms.	Rec. = 1.7 WET
		S-34	40 52 50 52	SW		BrGr cmfS, t$	Rec. = 1.6 WET
70		S-35	27 43 68 90	SW		(Hydraulic Sands) BrGr cmfS, t$	Rec. = 1.4 WET

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-15
PROJECT GE/Moreau		SHEET 4 OF 6
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-36	32 68 50 50	SW SM		BrGr cmfS, t$ 71.0 BrGr mf(+)S, s$	Rec. = 1.7 WET
		S-37	24 45 45 34	SW		BrGr cmfS, t$; freq. Bk S seams	Rec. = .7 WET
75		S-38	13 15 22 28	SW		BrGr cmfS, t$	Rec. = 1.0 WET
		S-39	13 15 20 31	SW		BrGr cmfS, t$	Rec. = 1.0 WET
80		S-40	17 18 21 24	SM		BrGr cmfS, 1(-)$	Rec. = 1.5 WET
		S-41	8 14 20 25	SW		Br cm(+)fS, t$	Rec. = 1.0 WET
		S-42	18 27 25 27	SW		BrGr cmf(+)S, t(+)$	Rec. = 1.0 WET
85		S-43	18 20 26 34	SM		BrGr mf(+)S, t(+)$	Rec. = 1.1 WET
		S-44	13 24 22 30	SM (TRANS.)		Same Gr mf(+)S, s$; occ. Cy$ seams 88.0	Rec. = 1.2 WET
90		S-45	14 22 25 25	SM		Gr mfS, a$; freq. C&$ seams	Rec. = 1.4 WET
		S-46	14 22 25 25	SM		Gr mfS, 1(+)$	Rec. = 1.0
		S-47		SM		Shelby Tube	Rec. = 1.5
95		S-48	1 4	SM			

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-15
PROJECT GE/Moreau		SHEET 5 OF 6
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
95		S-48	9 24			Gr cm(+)fS, 1(+)$	Rec. = 1.0 WET
		S-49	17 21 30 32	SM		Gr mf(+)S, s$; freq. C&$ lyrs.	Rec. - 1.0 WET
		S-50	25 43 47 36	SM		Br cmfS, t(+)$, tfG; freq. pkt. $&C Gr mf(+)S, 1$ 99.65	Rec. = 2.0 WET
		S-51	8 18 32 35	SM		Gr mfS, 1$; freq. Bk S seams	Rec. = .8 WET
		S-52	23 33 33 40	SM		Gr cmf(+)S, 1$; freq. pkt. $&C, occ. $&C seams	Rec. = 1.3 WET
105		S-53	18 36 50 52	SM		GrBr mfS, 1$; freq. dk S seams	Rec. = .9 WET
		S-54	37 37 60 62	SW SM		Br cmfS, t(+)$; freq. pkt. $&C GrBr mf(+)S, 1$ 107.8	Rec. = 1.3 WET
		S-55	12 17 25 37	SM SM		GrBr m(+)fS, 1(-)$ GrBr mf(+)S, 1(+)$; freq. $&C seams 109.3	Rec. = 1.1 WET
110		S-56	13 29 43 44	SW		GrBr cmfS, t(+)$; freq. pkt. $&C	Rec. = 1.0 WET
		S-57	19 36 41 47	SW SW		Br cmfS, t$; occ. $&C seams GrBr mf(+)S, 1$ 113.8	Rec. = .9 WET
115		S-58	40 35 37 33	SW SM		Br cmfS, t$ Gr mf(+)S, s$, Cy$ seams 116.0	Rec. = 1.2 WET
		S-59	17 16 23 19	ML		DkGr $ s(-), fS; freq. C&$ sms., vvd. (Glaciolacustrine)	Rec. = 1.2 WET
120		S-60	26 21 31 37	ML		DkGr $ 1, fS; freq. C&$ lyrs.	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-15
PROJECT GE/Moreau		SHEET 6 OF 6
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 116.0'	
						Grout 66.0 - 0.0 Bentonite 71.0 - 66.0 Screen 114.0 - 74.0 Sand Pack 115.0 - 71.0 Bentonite 116.0 -115.0	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-15I
PROJECT GE/Morea		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 352.28'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 8/9/84
				WEIGHT		140#		DATE FINISHED 8/9/84
				FALL		30"		DRILLER V. Amair
								INSPECTOR R. Sutch/M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
44		S-1	5 10 17 19	SW		Br cm(+)fS, t$, freq. Bk S seams	Rec. = .4 WET
46							

End of Boring @ 76.0'

Grout	36.0 - 0.0'
Bentonite	41.0 - 36.0'
Screen	74.0 - 44.0'
Sand Pack	75.0 - 41.0'
Bentonite	76.0 - 75.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-15S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 352.32'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	None		DATE STARTED 8/10/84
				DIAMETER	4 3/4"			DATE FINISHED 8/10/84
				WEIGHT				DRILLER V. Amair
				FALL				INSPECTOR R. Sutch/M. Ianniell

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS

End of Boring @ 46.0'

Grout	16.0 - 0.0'
Bentonite	21.0 - 16.0'
Screen	44.0 - 24.0'
Sand Pack	45.0 - 21.0'
Bentonite	46.0 - 45.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-16
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 2
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 322.43'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	SS		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 8/13/84
				WEIGHT		140#		DATE FINISHED 8/13/84
				FALL		30"		DRILLER V. Amair
								INSPECTOR R. Sutch/M. Iannielli

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	1 2 3 2	SM SW		DkBr cmfS, 1 o $; rts. TnOr cmfS, t$ 1.1	Rec. = 1.7 Dry
5		S-2	2 7 12 12	SW		BrTn cm(+)fS, t$	Rec. = 1.1 WET
10		S-3	2 3 6 7	SW		Br cmfS, t$, occ. lyr. $&C, freq. pkt. C&$; occ. seams Dk Br m(+)f S	Rec. = 1.3 WET
15		S-4	4 8 8 7	SW		Br cm(+)fS, t(+)$; freq. Dk S seams	Rec. = 1.4 WET
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-16
PROJECT GE/Moreau		SHEET 2 OF 2
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	3 4 6 15	SW SW		Br cm(+)fS, t(+)$; occ. C&$ seams Br c(+)mfS, t$ 21.6	Rec. = 1.4 WET
25		S-6	7 14 14 12	SW		Br cmfS, t$; lyr. fS, a$	Rec. = 1.0 WET
30		S-7	6 10 10 10	SW		Alt. lyr. Br cmfS, t$; freq. Bk seams Br mf(+)S, a$; freq. Gr $&C (Glaciofluvial - deltaic)	Rec. = 1.2 WET
35		S-8	7 6 10 10	SM SW		BrGr mf(+)S, a$, freq. Gr $&C seams Br cm(+)fS, t(+)$ 36.6 (Transitional)	Rec. = 1.3 WET
40		S-9	6 5 7 9	CL		40.3' Gr C&$; freq. $&C s, fS seams, vvd. (Glaciolacustrine)	Rec. = 2.0 WET
45						Grout 17.0 - 0.0' Bentonite 22.0 - 17.0' Screen 40.0 - 25.0' Sand Pack 41.0 - 22.0' Bentonite 42.0 - 41.0'	(#10 Slot)

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-16S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 322.22'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	None		DATE STARTED 8/13/84
				DIAMETER	4 3/4"			DATE FINISHED
				WEIGHT				DRILLER V. Amair
				FALL				INSPECTOR R. Sutch/M. Ianniel

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
24		S-1	10 16 24 27	SW SP		BrOr cmfS, t$; occ. pkt. Gr $&C Br mfS, t(+)$ 25.05	Rec. = 1.5 WET
						End of Boring @ 28.0'	

Grout 2.0 - 0.0'
Bentonite 4.0 - 2.0'
Screen 25.0 - 5.0'
Sand Pack 27.0 - 4.0'
Bentonite 28.0 - 27.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-17
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 3
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geological Invest./Monitoring Well Install		ELEVATION 329.42'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATE STARTED 8/14/84
				DIAMETER	4 3/4"	2"		DATE FINISHED
				WEIGHT		140#		DRILLER V. Aimar
				FALL		30"		INSPECTOR M. Ianniello/R. Sutch

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	2 4 3 3	SW SW		DkBr cmfS, to$; rts. TnOr cmfS, t$ 1.3'	Rec. = 1.2 Dry
5		S-2	4 7 9 9	SW		Br cmf S, t$	Rec. = 1.4 WET
						Brown coarse to fine SAND, trace Silt	
10		S-3	17 17 18 19	SW		Br cm(+)fS, t(+)$; freq. Dk S seams	Rec. = 1.6 WET
15		S-4	18 15 10 15	SW		Br cm(+)fS, t(+)$; freq. Dk S seams, occ. TnOr cm(+) f S seam	Rec. = 1.7 WET
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-17
PROJECT GE/Moreau		SHEET 2 OF 3
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	5 12 15 13	SM		GrBr fS, a(+)Cy$; freq. Gr $&C seams 21.0' BrOr cm(+)fS, 1(+)$	Rec. = 1.55 WET
25		S-6	21 38 47 60	SM		Br cm(+)fS, 1 $; freq. Dk S seams (hydraulic sands)	Rec. = 1.1 WET
30		S-7	11 15 18 14	SM		Br mf(+)S, a $; freq. pkt seams, Tn C & $	Rec. = 1.5 WET
35		S-8	10 17 16 17	SM		Br mf(+) S, 1(-) $	Rec. = 1.4 WET
40						Brown medium to fine(+) SAND, little (-) Silt	
		S-9	7 9 14 14	SM		Br cm(+)fS, 1(+)$; occ. seam Gr, RdTn $ & C	Rec. = 1.25 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-17
PROJECT GE/Moreau		SHEET 3 OF 3
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10	13 16 21 19	SM		Br mf(+)S, 1(-)$; freq. Gr seams C & $, freq. Dk S seam	Rec. = 1.3 WET
50		S-11	11 17 21 13	SW		BrGr cm(+)fS, t(+)$; freq. Dk S seams 52.5'	Rec. = 0.8 WET
55		S-12	5 4 5 7	ML		DkGr $&C, freq. C&$ 1; f S 1yrs (Glaciolacustrine)	Rec. = 2.0 WET

Well Installation:

Grout	24.0 - 0.0'
Bentonite	29.0 - 24.0'
Screen	52.0 - 32.0'
Sand Pack	53.0 - 29.0'
Bentonite	55.0 - 53.0'

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-18
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 4
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geological Invest./Monitoring Well Install.		ELEVATION 349.98'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATE STARTED 8/15/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 8/16/84
				WEIGHT		140#		DRILLER V. Aimar
				FALL		30"		INSPECTOR R. Sutch/M. Iannell

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1		SW		DkBr cmfS, to$; rts.	Rec. = 0.6 Moist
5		S-2	7 9 12 18	SW		Br cmfS, t$	Rec. = 1.3 Dry
						Brown coarse to fine SAND, trace Silt	
10		S-3	9 12 13 15	SW		Br cmf S, t$	Rec. = 1.0 Moist
15		S-4	8 11 14 18	SW		Br cm(+)f S, t(+)$	Rec. = 0.9 Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-18
PROJECT GE/Moreau		SHEET 2 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	8 11 16 17	SW		Br cmf S, t$	Rec. = 0.8 WET
25		S-6	12 18 20 20	SW		Br cmf(+) S, t(+)$	Rec. = 0.7 WET
30		S-7	9 13 13 13	SW		Br cm(+)fS, t(+)$	Rec. = 0.75 WET
35		S-8	14 15 23 23	SW		Br cm(+)fS, t(+)$	Rec. = 1.0 WET
40		S-9	8 13 19 19	SW		Br cmfS, t$	Rec. = 0.9 WET
		S-10	16 19 22 17	SW		Br cm(+)fS, t$	Rec. = 1.4 WET
45		S-11	15 21	SW		Br cm(+)fS, t$	Rec. = 1.0 WET

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-18
PROJECT GE/Moreau		SHEET 3 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45			30 23				
		S-12	13 15 24 26	SW		Br cm(+)f S, t$	Rec. = 1.2 WET
		S-13	13 22 28 21	SW		Br cm(+)fS, t$; occ. Dk S seam	Rec. = 1.0 WET
50		S-14	18 21 20 17	SW SM		Br cmfS, t$ Br mf(+)S, 1(+)$ 51.6'	Rec. = 1.4 WET
		S-15	6 10 17 16	SM		Br cm(+)fS, 1(+)$; occ. Gr C&$ seam, freq. Dk S seams	Rec. = 1.1 WET
55		S-16	11 14 8 12	SW		Br cmfS, t(-)$, freq. Gr C&S pkt.	Rec. = 1.5 WET
		S-17	8 10 18 22	SW		Br cmfS, t(+)$; occ. Gr C&$ seams 58.0'	Rec. = 1.0 WET
		S-18	12 14 20 20	SW		BrGr cm(+)fS, t(+)$ (Transitional Zone)	Rec. = 0.9 WET
60		S-19	6 10 14 14	SM		GrBr cm(+)fS, s$	Rec. = 0.9 WET
		S-20	10 10 16 16	SM		Gr cm(+)fS, s$; occ. $yC seam	Rec. = 1.7 WET
65		S-21	8 13 25 25	SW SM		Br cmfS, t$ Gr cm(+)fS, 1(-)$ 65.15'	Rec. = 1.0 WET
		S-22	26 30 48 31	SW		BrGr cmfS, t(+)$; freq. pkt Gr $&C	Rec. = 0.8 WET
70		S-23	6 5 8 14	SM		Gr mf(+)S, s(+)$; freq. DkGr C&$ seams	Rec. = 1.2 WET

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-18
PROJECT GE/Moreau		SHEET 4 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-24	21 12 22 26	SM		GrBr cmf(+)S, s$	Rec. = 0.3 WET
		S-25	14 18 22 28	SW		GrBr cm(+)fS, t(+)$; occ. DkGr C&$ seam, freq. Dk S seams	Rec. = 0.9 WET
75		S-26	20 23 30 30	SM		GrBr cm(+)fS, l(+)$; freq. pkt. DkGr C&$	Rec. = 1.3 WET
		S-27	20 22 20 19	ML		Same 77.45'	Rec. = 1.3 WET
		S-28	15 21 26 23	CL		DkGr$&C s(-), fS, a(+)$; vvd. (Glaciolacustrine) DkGr $yC s(-), fS, a$; vvd. 79.0'	Rec. = 1.7 WET
80						End of Boring @ 79.0'	
						Well Installation Grout 50.0 - 0.0' Bentonite 55.0 - 50.0' Screen 77.0 - 57.0' (#10 slot) Sand Pack 78.0 - 55.0' (#½ sand) Bentonite 79.0 - 78.0'	
85							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-18I
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 349.49'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM	USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATE STARTED	8/16/84
				DIAMETER	4 3/4"	2"		DATE FINISHED	8/17/84
				WEIGHT		140#		DRILLER	V. Aimar
				FALL		30"		INSPECTOR	R. Sutch/M. Iannielli

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
39		S-1	15 24 23 20	SW		Br cmfS, t$	Rec. = .35 WET
41						Brown coarse to fine SAND, trace Silt	
						Grout 29.0 - 0.0' Bentonite 34.0 - 29.0' Screen 57.0 - 37.0' (10 slot) Sand 59.0 - 34.0' (Morie 1) Bentonite 60.0 - 59.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-18S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 349.91'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	None	None		DATE STARTED 8/20/84
				DIAMETER				DATE FINISHED 8/20/84
				WEIGHT				DRILLER V. Aimar
				FALL				INSPECTOR R. Sutch/M. Ianniell

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 40.0'	
						Well Installation	
						Grout 18.0 - 0.0'	
						Bentonite 23.0 - 18.0'	
						Screen 37.0 - 25.0' (#20 slot)	
						Sand Pack 39.0 - 23.0' (Morie #1)	
						Bentonite 40.0 - 39.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-19S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 3
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 359.49'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATE STARTED 8/20/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 8/20/84
				WEIGHT		140#		DRILLER V. Aimar
				FALL		30"		INSPECTOR R. Sutch/M. Ianniell

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	2 3 3 4	SW		BrTn cmfS, t$	Rec. = 1.2 Dry
5		S-2	8 11 16 21	SW		Br cmfS, t(+)$	Rec. = 0.7 Dry
10		S-3	10 11 18 21	SM		Br cmfS, 1$	Rec. = 1.0 Moist
15		S-4	9 19 21 21	SW		Br cmfS, t(+)$; freq. Bk S seams	Rec. = 1.0 Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-19S
PROJECT GE/Moreau		SHEET 2 OF 3
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	10 13 19 19	SW		BrGr c(+)mfS, t(+)$, t(+)mfG	Rec. = 0.9 WET
25		S-6	14 16 24 25	SW		BrGr c(+)mfS, t(+)$, t mfG	Rec. = 0.8 WET
30						Brown gray coarse (+) medium fine SAND, trace Silt, trace medium to fine Gravel	
		S-7	10 16 27 28	SW		Br c(+)mfS, t$, t mfG	Rec. = 1.0 WET
35		S-8	17 23 25 26	SW		Br c(+)mfS, t$, t(-) fG	Rec. = 0.7 WET
40		S-9	4 3 6 8	SW		Br cmfS, t(-)$, t(-) fG	Rec. = 0.8 WET
						43.0'	
45						End of Boring @ 43.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-19S
PROJECT GE/Moreau		SHEET 3 OF 3
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						Well Installation Grout 13.0 - 0.0' Bentonite 18.0 - 13.0' Screen 40.0 - 20.0' (#20 slot) Sand Pack 42.0 - 18.0' (#1) Bentonite 43.0 - 42.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-20
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 5
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 341.34'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATE STARTED 8/21/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 8/21/84
				WEIGHT		140#		DRILLER V. Aimar
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	6 10 10 13			DkBr cmf(+)S, a(+) O$; rts. BrOr cmfS, 1$; rts.	Rec. = 1.2 Dry
5		S-2	6 10 13 15			Br cmf(+)S, 1$; rts.	Rec. = 1.0 Moist
						Brown coarse to fine SAND, little Silt	
10		S-3	8 8 10 12			LtBrGr c(+) mfS, t(+)$, t(+) mfG	Rec. = 0.7 Moist
15		S-4	10 13 15 14			Same	Rec. = 0.7 Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-20
PROJECT GE/Moreau		SHEET 2 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	8 11 15 15			Br c(+)mfS, t$, t(+)mfG	Rec. = 0.9 WET
25		S-6	17 22 33 28			Br c(+)mfS, t$, t mfG	Rec. = 1.0 WET
30		S-7	10 15 20 17			Br c(+)mfS, t$, t mfG	Rec. = 1.0 WET
35		S-8	13 18 24 21			Br c(+)mfS, t(+)$, t mfG	Rec. = 1.1 WET
40		S-9	10 12 12 13			Br c(+)mfS, t$	Rec. = 0.9 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-20
PROJECT GE/Moreau		SHEET 3 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10	12 13 30 30			Br mf(+)S, 1(-)$	Rec. = 1.0 WET
50		S-11	15 21 22 21			BrGr mf(+)S, 1(+)$	Rec. = 1.5 WET
55						Brown gray medium to fine(+) SAND, little(+) Silt	
		S-12	14 16 24 32			BrGr mf(+)S, 1(+)$	Rec. = 1.2 WET
60		S-13	10 14 19 21			BrGr mfS, 1$	Rec. = 1.0 WET
65		S-14	24 32 32 39			BrGr cmfS, t(+)$	Rec. = 1.2 WET
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-20
PROJECT GE/Moreau		SHEET 4 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-15	14 18 25 26			GrBr mf(+)S, 1(+)$, t mfG; occ. Cy$ seam	Rec. = 1.2 WET
75		S-16	22 48 105/6"			Gr m(+)fS, 1$; freq. DkGr S seams	Rec. = 1.0 WET
80		S-17	16 22 37 30			BrGr mfS, 1$; freq. Bk S seams 80.5' BrGr mf(+)S, s(+)$	Rec. = 1.0 WET
						83.0' (Transitional Zone)	
85		S-18	12 13 26 25			Br fS, s$; occ. Cy$ seams	Rec. = 1.2 WET
90		S-19	14 20 31 34			Gr mfS, a$	Rec. = 1.2 WET
95							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-20
PROJECT GE/Moreau		SHEET 5 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-20	18 24 35 33			Gr mf(+)S, s$	Rec. = 0.9 WET
100		S-21	17 22 48 52			Gr mf(+)S, s(+)$; occ. DkGr C&$ lyr. 105.0'	Rec. = 1.5 WET
105		S-22	26 26 31 28			DkGr $&C 1, fS; freq. C&$ seams; vvd. (Glaciolacustrine)	Rec. = 1.7 WET
110		S-23	4 10 15 14			DkGr C&$ s, fS; freq. $&C lyrs, vvd.	Rec. = 2.0 WET
115						Well Installation Bentonite 108.0 - 107.0' Sand 107.0 - 72.0' Screen 105.0 - 75.0' Bentonite 72.0 - 67.0' Grout 67.0 - 0.0'	(#½) (#10 slot)

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-20I
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 341.51

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	None	None		DATE STARTED 8/21/84
				DIAMETER				DATE FINISHED
				WEIGHT				DRILLER V. Aimar
				FALL				INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						Bentonite 78.0 - 77.0' Sand 77.0 - 52.0' Screen 75.0 - 55.0' Bentonite 52.0 - 47.0' Grout 47.0 - 0.0'	(#20 slot)

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-20S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 341.63'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	None	None		DATUM USGS
				DIAMETER				DATE STARTED 8/23/84
				WEIGHT				DATE FINISHED 8/23/84
				FALL				DRILLER V. Aimar
								INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 58.0'	
						Well Installation	
						Grout 8.0 - 0.0'	
						Bentonite 13.0 - 8.0'	
						Screen 55.0 - 15.0'	(#20 slot)
						Sand Pack 57.0 - 13.0'	(#1)
						Bentonite 58.0 - 57.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-21
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 5
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 339.05'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATE STARTED 8/24/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 8/27/84
				WEIGHT		140#		DRILLER V. Aimar
				FALL		30"		INSPECTOR R. Sutch/M. Ianniell

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	2 3 2 2	SM		BkBr cmfS, so$; (humus) .5' BrOr cm(+)fS, 1(+) o$	Rec. = 1.4 Dry
5		S-2	4 6 8 7	SM		BrGr cm(+)fS, 1(+)$	Rec. = 1.5 Moist
10		S-3	11 15 18 19	SW		Br c(+)mfS, t$, t mfG Brown coarse(+) to medium fine SAND, trace Silt, trace medium to fine Gravel	Rec. = 1.0 Moist
15		S-4	8 9 12 11	SM		BrGr c(+)mfS, t o$	Rec. = 0.8 Moist-WET
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-21
PROJECT GE/Moreau		SHEET 2 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	5 6 10 10	SW		Br c(+)mfS, t$, tfG	Rec. = 0.8 WET
25		S-6	9 5 12 12	SW		BrGr c(+)mfS, t(-)$, 1 mfG	Rec. = 1.2 WET
30		S-7	4 8 10 9	SW		BrGr c(+)mfS, t$	Rec. = 0.8 WET
35		S-8	13 20 22 20	SW		BrGr cmfS, t$	Rec. = 0.9 WET
40		S-9	5 7 9 7	SW		BrGr cmfS, t$, t mf(+)G	Rec. = 0.8 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-21
PROJECT GE/Moreau		SHEET 3 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
45		S-10	10 17 18 31	SW		BrGr cm(+)fS, t(+)$, t mfG	Rec. = 1.0 WET
50		S-11	6 9 9 9	SW		Br cm(+)fS, t$, tfG; occ. Dk S seam	Rec. = 0.8 WET
55		S-12	11 15 22 27	SW		BrGr cmfS, t(+)$, t mfG; alt. Bk & Tn S seam	Rec. = 0.8 WET
60		S-13	30 37 41 30	SW		Br cmfS, t(+)$	Rec. = 1.0 WET
65						Brown coarse to fine SAND, trace(+) Silt	
		S-14	14 22 30 36	SW SM		Br c(+)mfS, t$ Br mf(+)S, 1$ 66.6'	Rec. = 1.0 WET
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-21
PROJECT GE/Moreau		SHEET 4 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-15	23 20 33 28	SW		GrBr cm(+)fS, t$; freq. Dk S seam; occ. fS, s$ lyr.	Rec. = 1.2 WET
75		S-16	19 36 46 34	SM		Gr mf(+)S, s(-)$; freq. DkGr fS seams	Rec. = 1.3 WET
80		S-17	14 25 29 32	SW		BrGr cmfS, t$	Rec. = 1.1 WET
85		S-18	16 28 39 33	SM SM	T-Zone	BrGr cmfS, 1$ 86.4' Gr fS, a$; freq. $&C seams (Transitional Zone)	Rec. = 1.0 WET
90		S-19	7 13 27 31	SM		Gr fS, a$; occ. S&C seam (Wood Fragments) Shelby Tube Attempted - No recovery	Rec. = 1.1
95							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-21
PROJECT GE/Moreau		SHEET 5 OF 5
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
95		S-20	16 30 38 35	SM		Gr mf(+)S, s(-)$; freq. DkGr fS seams	Rec. = 0.8 WET
100		S-21	13 12 16 30	SM		Gr mf(+)S, s(+)$	Rec. = 0.8 WET
						104.0'	
105		S-22	7 11 15 23	SM		DkGr S&C, a fS; freq. C&$ seams (Glaciolacustrine)	Rec. = 2.0 WET
						Well Installation	
110		S-23				Bentonite 105.0 - 104.0' Sand 104.0 - 67.0' (#½) Screen 103.0 - 70.0' (#10) Bentonite 67.0 - 62.0' Grout 62.0 - 0.0'	
115		S-24					
120							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-21I
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 339.03'

GROUNDWATER					CASING	SAMPLE	CORE	DATUM USGS
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATE STARTED 8/28/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 8/28/84
				WEIGHT		140#		DRILLER V. Aimar
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 73.0'	

Well Installation

Bentonite	73.0 - 72.0'
Sand (#1)	72.0 - 33.0'
Screen (#20)	70.0 - 35.0'
Bentonite	33.0 - 28.0'
Grout	28.0 - 0.0'
Stickup	2.5

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-21S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 339.03'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATE STARTED 8/28/84
				DIAMETER	4 3/4"	2"		DATE FINISHED 8/28/84
				WEIGHT		140#		DRILLER V. Aimar
				FALL		30"		INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 38.0'	

Well Installation

Bentonite	38.0 - 37.0'
Sand	37.0 - 12.0'
Screen	35.0 - 15.0'
Bentonite	12.0 - 7.0'
Grout	7.0 - 0.0'
Stickup	2.5

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-22
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 4
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 335.0'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 8/29/84
				WEIGHT		140#		DATE FINISHED 8/29/84
				FALL		30"		DRILLER V. Aimar
								INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
		S-1	2 2 2 3	SM SW		Bk cm(+)fS, 1(-) o$ .3' (Humus) BrOr cm(+)fS, t(+) o$	Rec. = 0.8 Dry
5		S-2	4 7 9 9	SW		GrBr c(+)mfS, t(+)$	Rec. = 1.0 Dry
10		S-3	5 8 11 11	SW		GrBr c(+)mfS, t(+)$	Rec. = 1.0 Dry
15		S-4	7 8 13 12	SW		GrBr c(+)mfS, t(+)$	Rec. = 0.8 Moist
20							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-22
PROJECT GE/Moreau		SHEET 2 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
20		S-5	8 11 15 14	SM		Br cm(+)fS, 1$	Rec. = 0.9 Moist
25		S-6	8 12 15 15	SW		Br cm(+)fS, 1(+)$	Rec. = 0.8 Moist
30		S-7	10 12 14 12	SM		BrGr cm(+)fS, 1(-)$, tfG; occ. fS, s$ lyr.	Rec. = 0.8 Moist
35		S-8	8 12 17 15	SM		Br cm(+)fS, 1(+)$; freq. Bk S seams	Rec. = 1.5 WET
40		S-9	10 13 25 25	SW		BrBr cm(+)fS, t(+)$; freq. Bk S seams	Rec. = 0.8 WET
45							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-22
PROJECT GE/Moreau		SHEET 3 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
+5		S-10	8 11 19 20	SM		LtGr fS, a Cy$; occ. C&$ seam	Rec. = 1.2 WET
50		S-11	8 13 18 24	SM		Gr mfS, 1$; freq. Bk S seams	Rec. = 1.1 WET
55		S-12	13 19 20 19	SM		Gr fS a, s$; freq. Bk S seams (Glacio-fluvial Deltaic)	Rec. = 1.4 WET
60		S-13	9 11 17 14	SM		Gr fS, s(-)$; occ. C&$ seam 63.0' (Transitional Zone)	Rec. = 1.1 WET
65		S-14	14 26 21 33	SM		Gr fS, a$; freq. C&$ seams	Rec. = 1.0 WET
70							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-22
PROJECT GE/Moreau		SHEET 4 OF 4
CLIENT GE Nott Street		JOB NO. 383-5-2973

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
70		S-15	14 26 41 24	SM		Gr cmf(+)S, s(-)$; freq. Dk S seam	Rec. = 1.0 WET
						74.0'	
75		S-16	4 9 15 17	ML		Gr C&$ 1, fS; freq. $&C seams (Glaciolacustrine) 77.0'	Rec. = 2.0 WET
						End of Boring @ 77.0'	
						Well Installation	
80						Bentonite 77.0 - 76.0' Sand (#½) 76.0 - 52.0' Screen 74.0 - 54.0' Bentonite 54.0 - 49.0' Grout 49.0 - 0.0' Stickup 2.0	
85							

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-22I
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 335.12'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 8/30/84
				WEIGHT		140#		DATE FINISHED 8/30/84
				FALL		30"		DRILLER V. Aimar
								INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 57.0' Well Installation Bentonite 57.0 - 56.0' Sand (#1) 56.0 - 31.0' Screen (20 slot) 54.0 - 34.0' Bentonite 31.0 - 26.0'	

DUNN GEOSCIENCE CORPORATION LATHAM, NEW YORK (518) 783-8102	TEST BORING LOG	BORING NO. DGC-22S
PROJECT GE/Moreau		
CLIENT GE Nott Street		SHEET 1 OF 1
DRILLING CONTRACTOR Warren George, Inc.		JOB NO. 383-5-2973
PURPOSE Subsurface Geologic Invest./Monitoring Well Install.		ELEVATION 335.11'

GROUNDWATER					CASING	SAMPLE	CORE	
DATE	TIME	DEPTH	CASING	TYPE	Mud Rot.	Sp/Sp		DATUM USGS
				DIAMETER	4 3/4"	2"		DATE STARTED 8/30/84
				WEIGHT		140#		DATE FINISHED 8/30/84
				FALL		30"		DRILLER V. Aimar
								INSPECTOR M. Ianniello

DEPTH FT.	CASING BLOWS	SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	IDENTIFICATION	REMARKS
						End of Boring @ 37.0'	

Well Installation

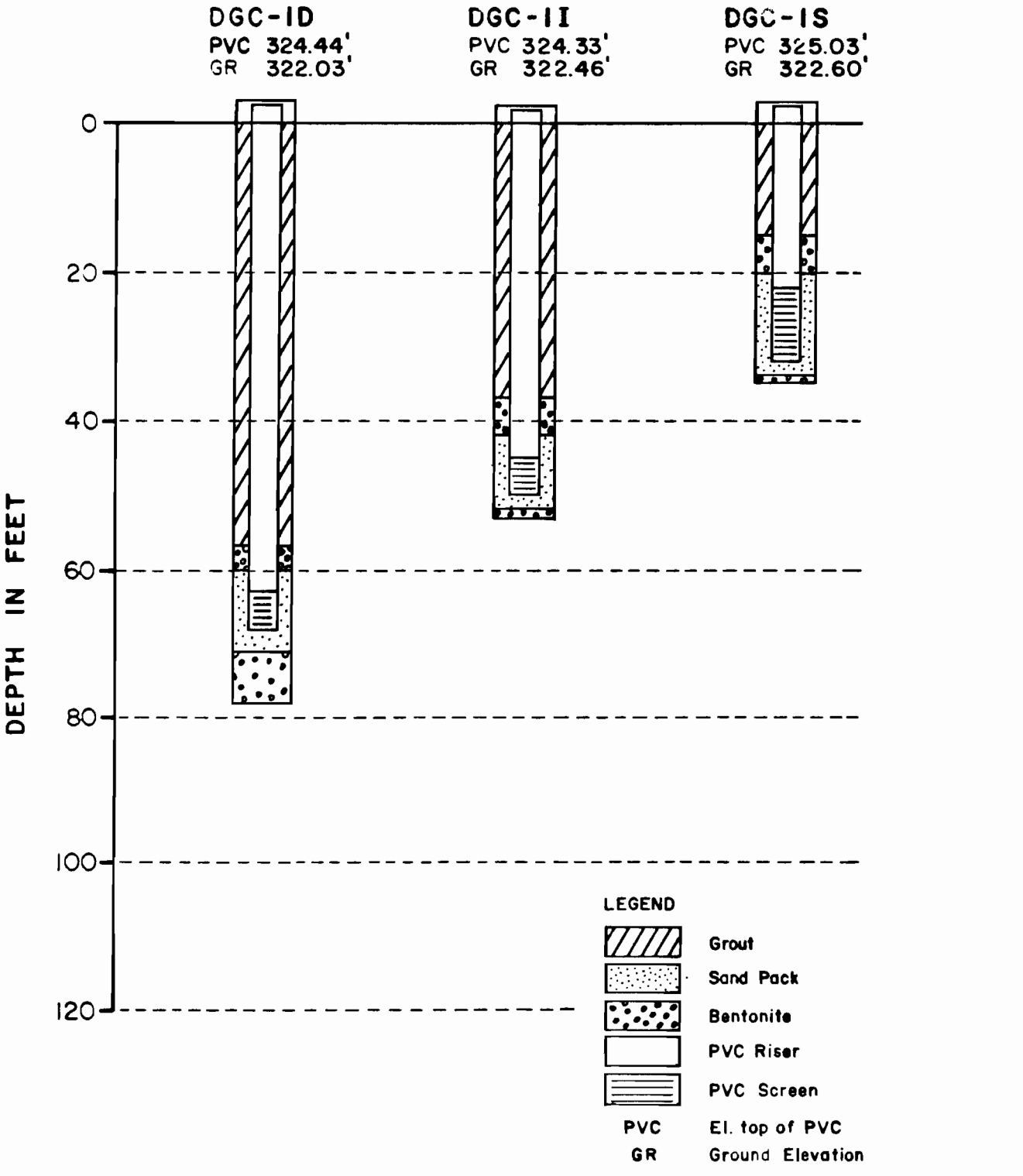
Bentonite	37.0 - 36.0'
Sand (#1)	36.0 - 12.0'
Screen (#20)	34.0 - 14.0'
Bentonite	14.0 - 9.0'
Grout	9.0 - 0.0'
Stickup	2.5

MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 5/16/84 - 5/18/84
Driller J. McErlean/R. Gregory
DGC Geologist M. Ianniello/J. Uruskyj

Site Number DGC-1

Total Depths:
Shallow Well 35 ft.
Intermediate Well 53.1 ft
Deep Well 78 ft

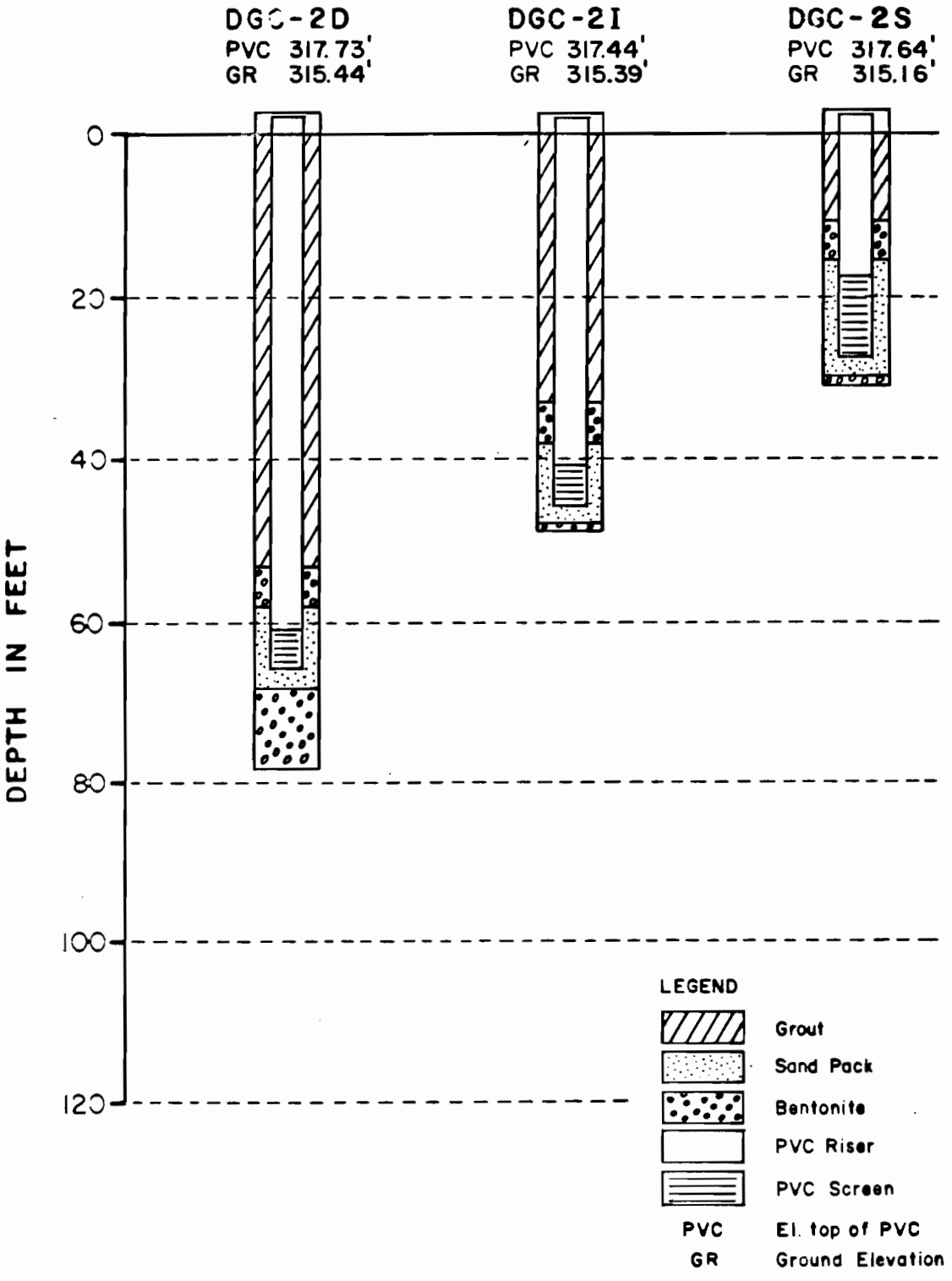


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 5/8/84 - 5/17/84
Driller R. Gregory/V. Aimar
DGC Geologist M. Ianniello/J. Uruskyj

Site Number DGC-2

Total Depths:
Shallow Well 31 ft.
Intermediate Well 49 ft.
Deep Well 78 ft.

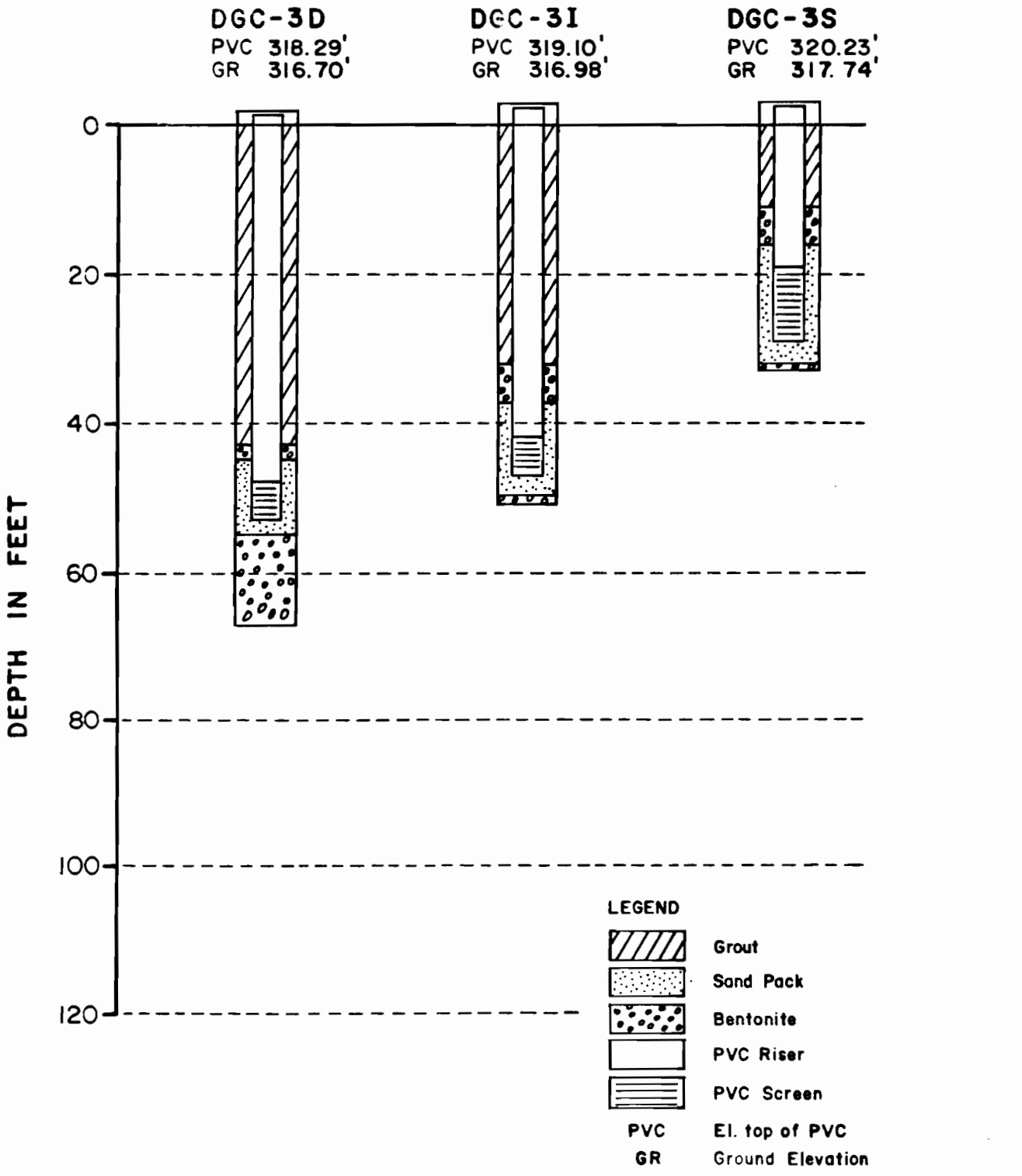


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

DUNN GEOSCIENCE CORP

Date Drilled 5/10/84 - 5/16/84
Driller R. Gregory
DGC Geologist M. Ianniello
Site Number DGC-3

Total Depths:
Shallow Well 33 ft.
Intermediate Well 51 ft.
Deep Well 67 ft.

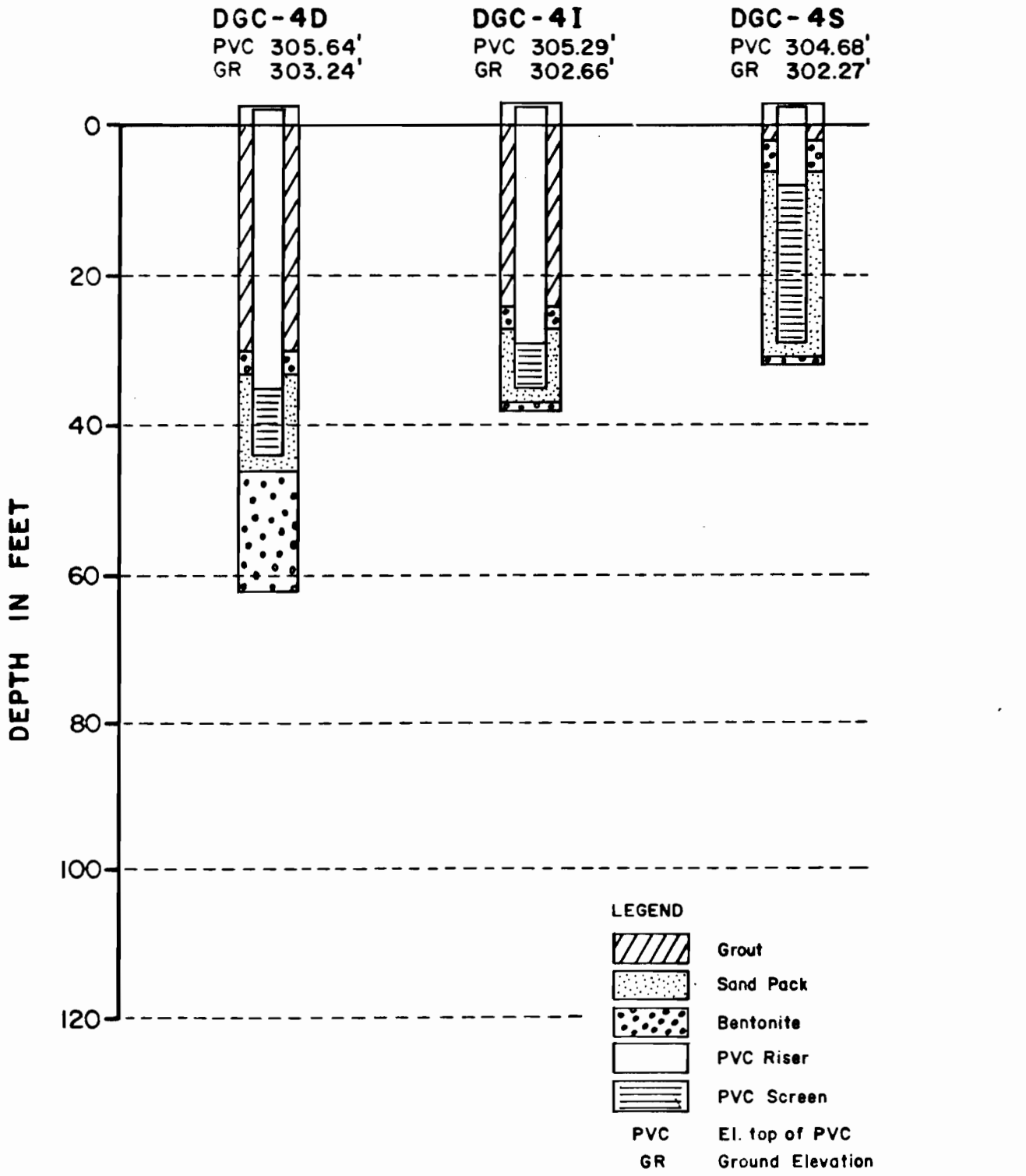


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

DUFFIN GEOSCIENCE CORP

Date Drilled 4/17/84 - 5/22/84
Driller V. Aimar
DGC Geologist M. Ianniello/J. Uruskyj/J. Wink
Site Number DGC-4

Total Depths:
Shallow Well 32 ft.
Intermediate Well 38 ft.
Deep Well 62 ft.



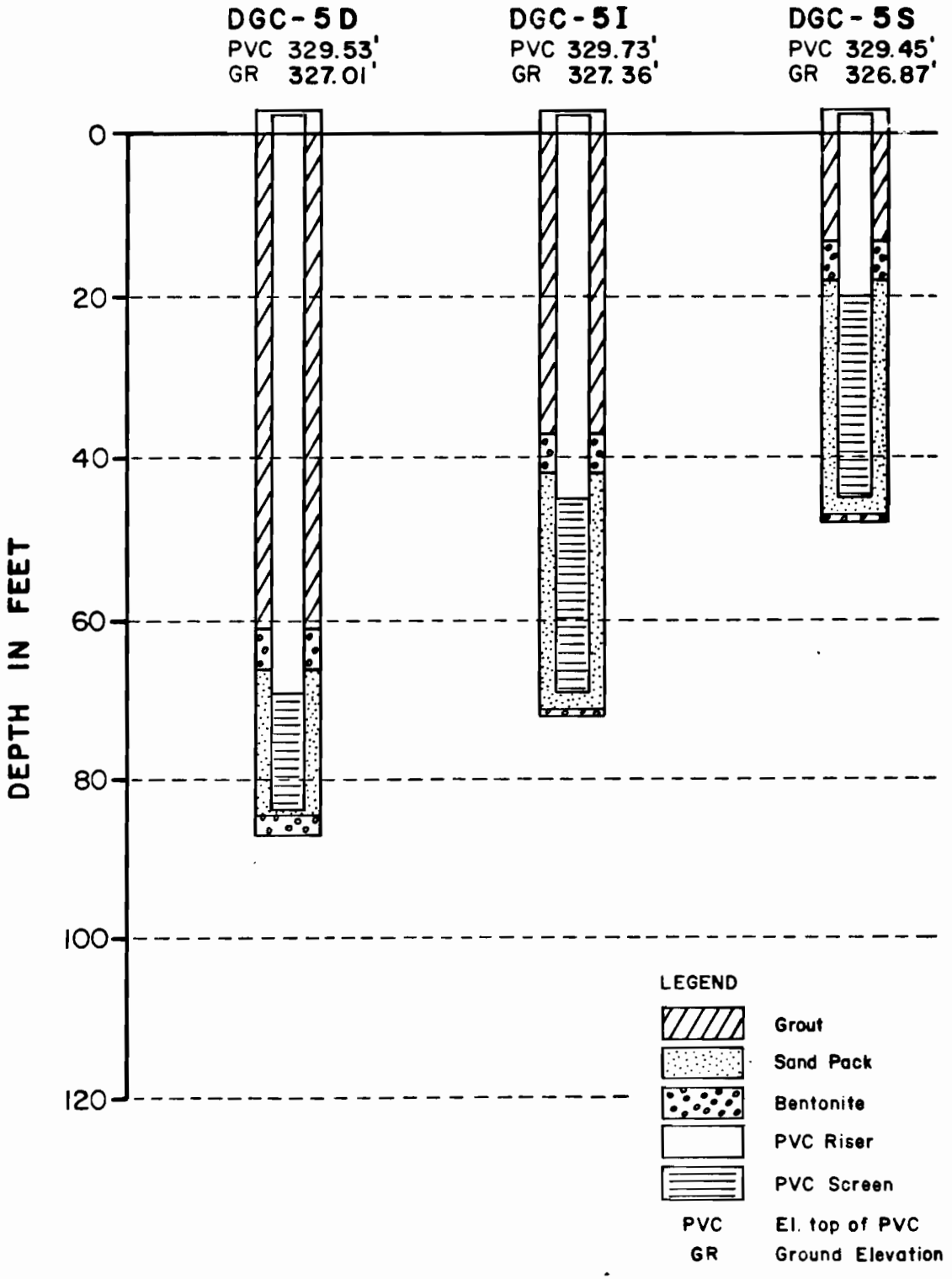
MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

GEOSCIENCE CORP

Date Drilled 5/21/84 - 5/24/84
Driller R. Gregory/V. Aimar
DGC Geologist M. Ianniello/J. Uruskyj

Site Number DGC-5

Total Depths:
Shallow Well 48 ft.
Intermediate Well 72 ft.
Deep Well 87 ft.

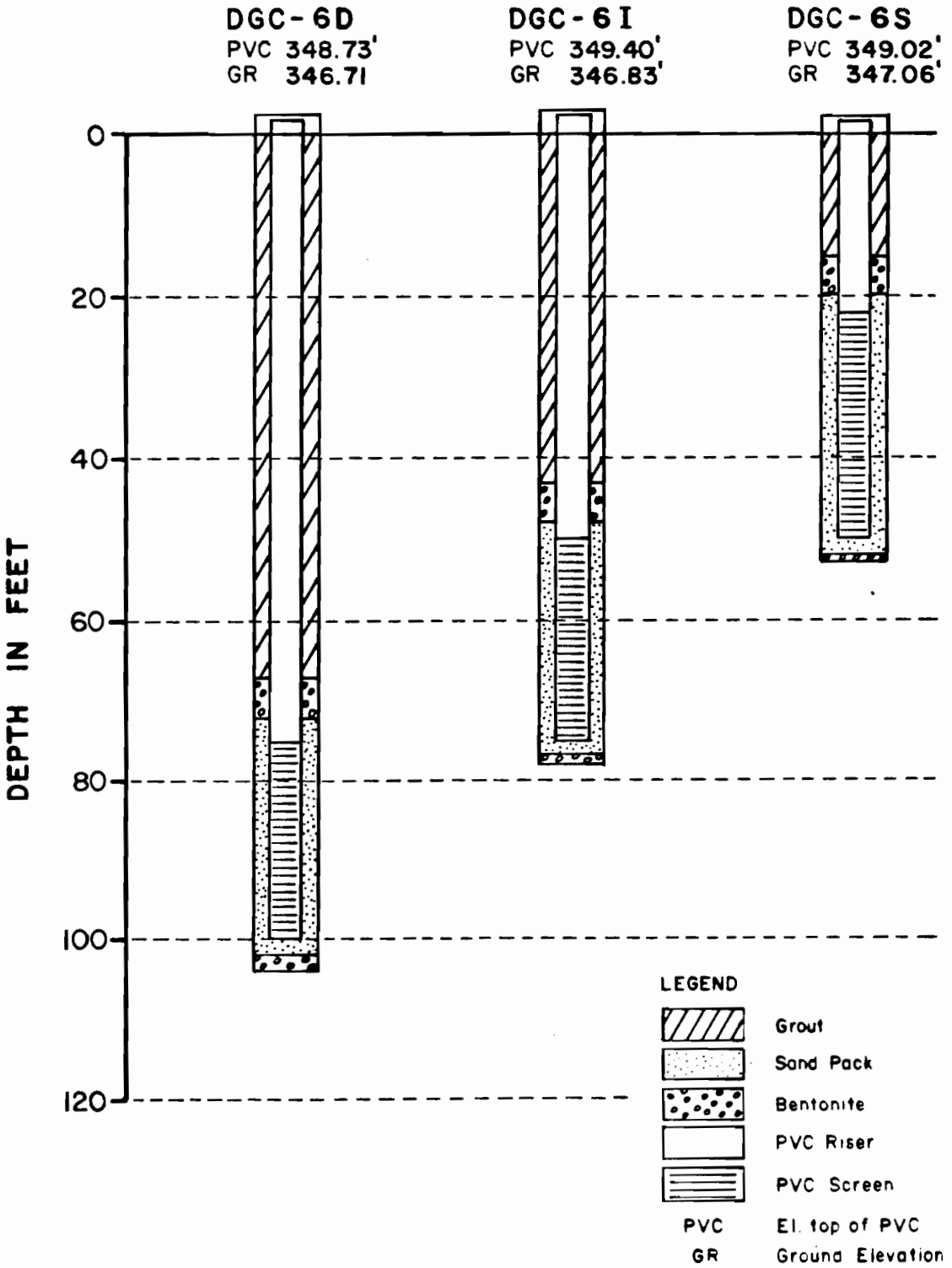


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 5/24/84 - 6/4/84
Driller V. Aimar/R. Gregory
DGC Geologist J. Uruskyj/M. Ianniello

Site Number DGC-6

Total Depths:
Shallow Well 53 ft
Intermediate Well 78 ft
Deep Well 104 ft

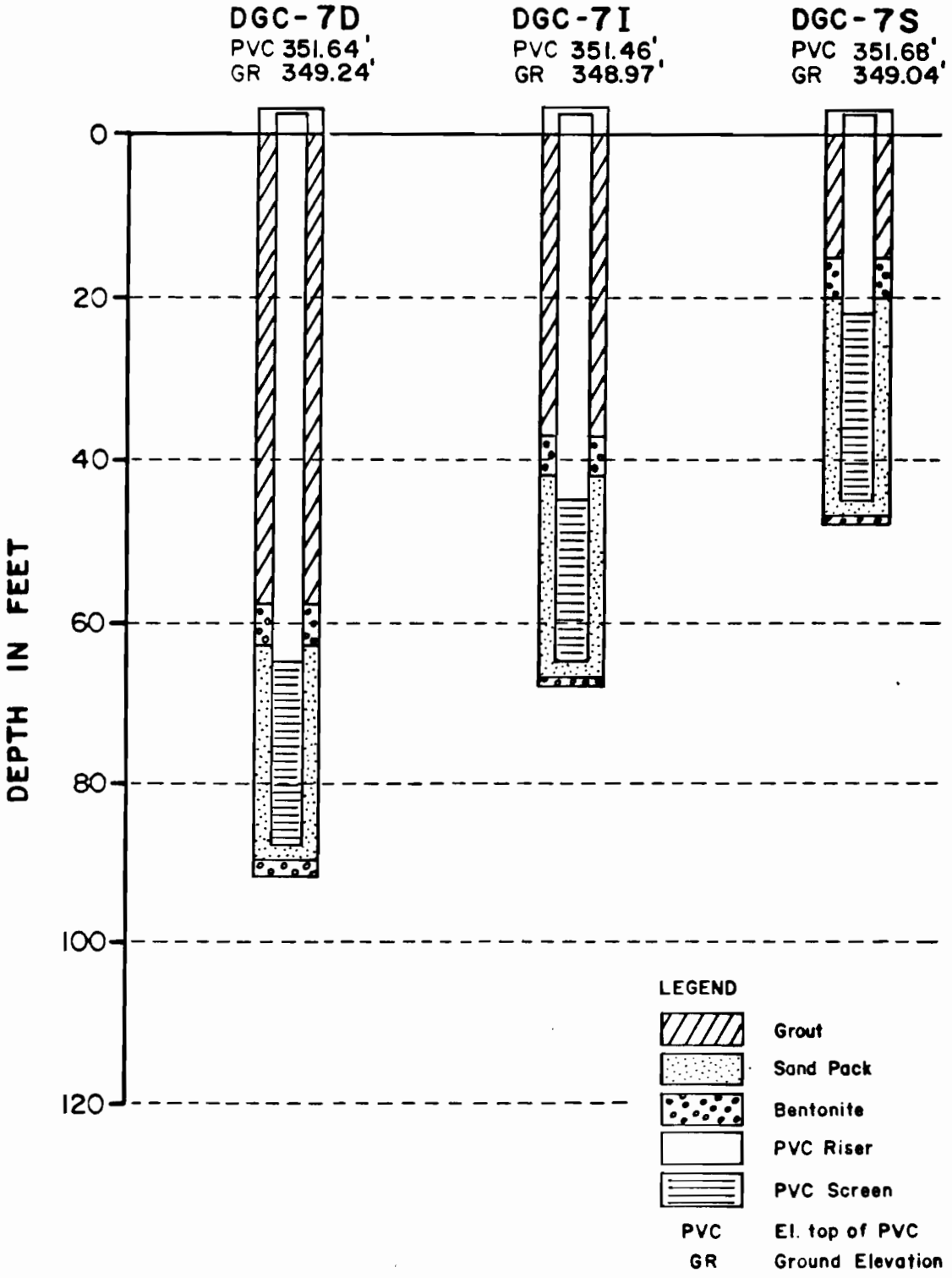


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

DUFFIN GEOSCIENCE CORP

Date Drilled 5/24/84 - 6/1/84
Driller V. Aimar
DGC Geologist J. Uruskyj
Site Number DGC-7

Total Depths:
Shallow Well 48 ft.
Intermediate Well 68 ft.
Deep Well 92 ft.

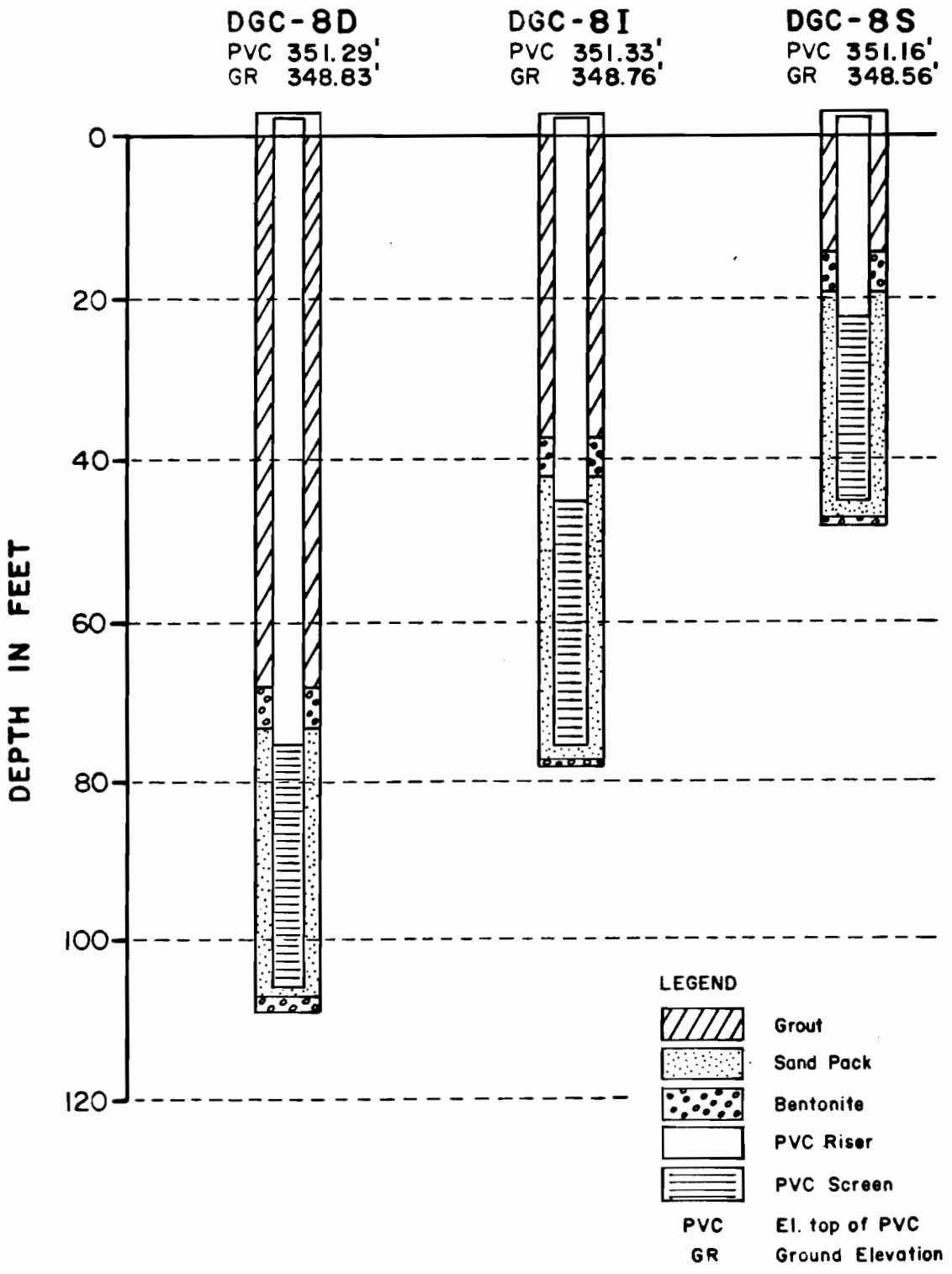


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 6/4/84 - 6/7/84
Driller V. Aimar
DGC Geologist M. Ianniello/J. Uruskyj

Site Number DGC-8

Total Depths:
Shallow Well 48 ft.
Intermediate Well 78 ft.
Deep Well 109 ft.



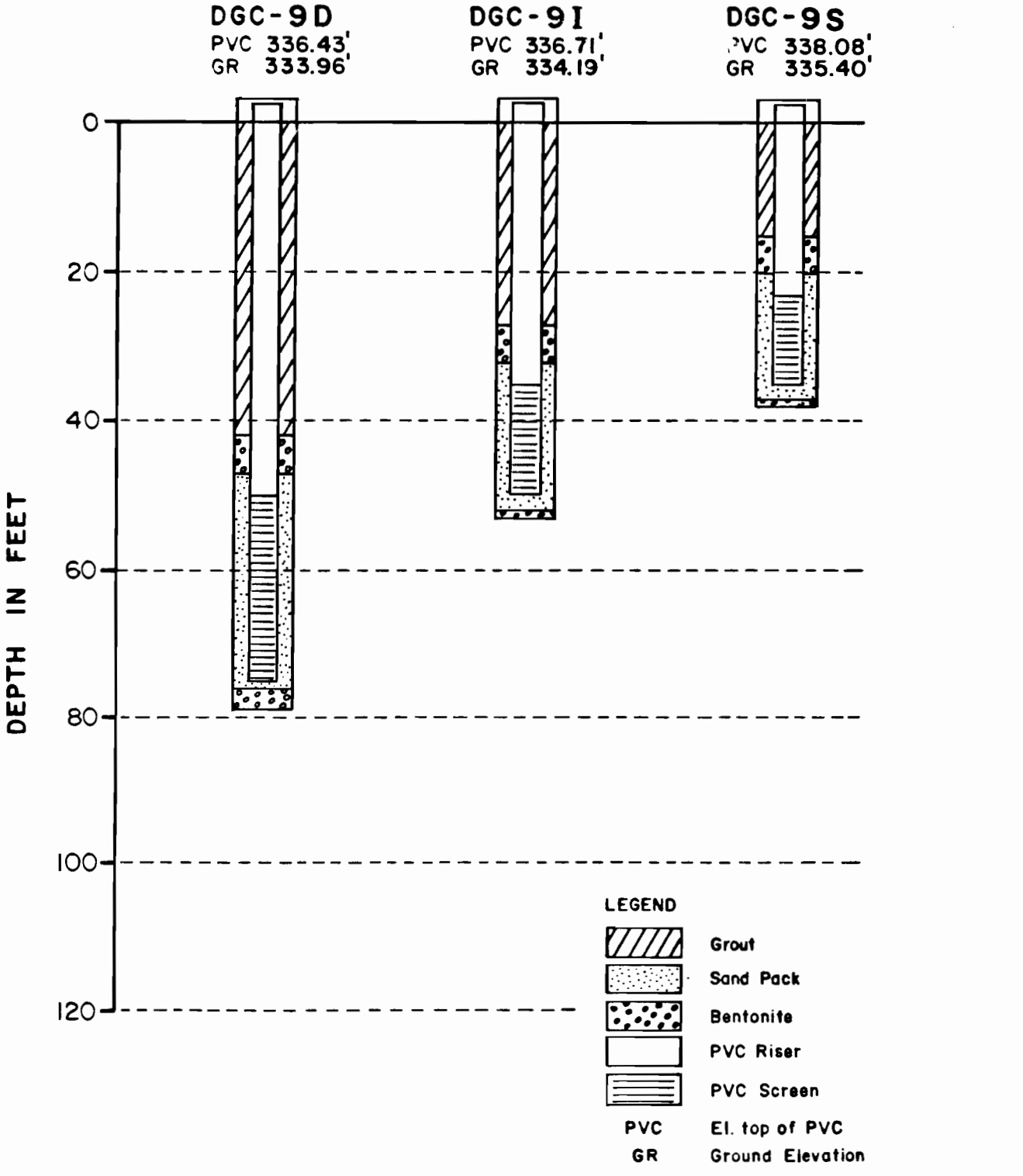
MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

DUNN GEOSCIENCE CORP

Date Drilled 6/5/84 - 6/7/84
Driller R. Gregory
DGC Geologist M. Ianniello

Site Number DGC-9

Total Depths:
Shallow Well 38 ft
Intermediate Well 53 ft
Deep Well 79 ft



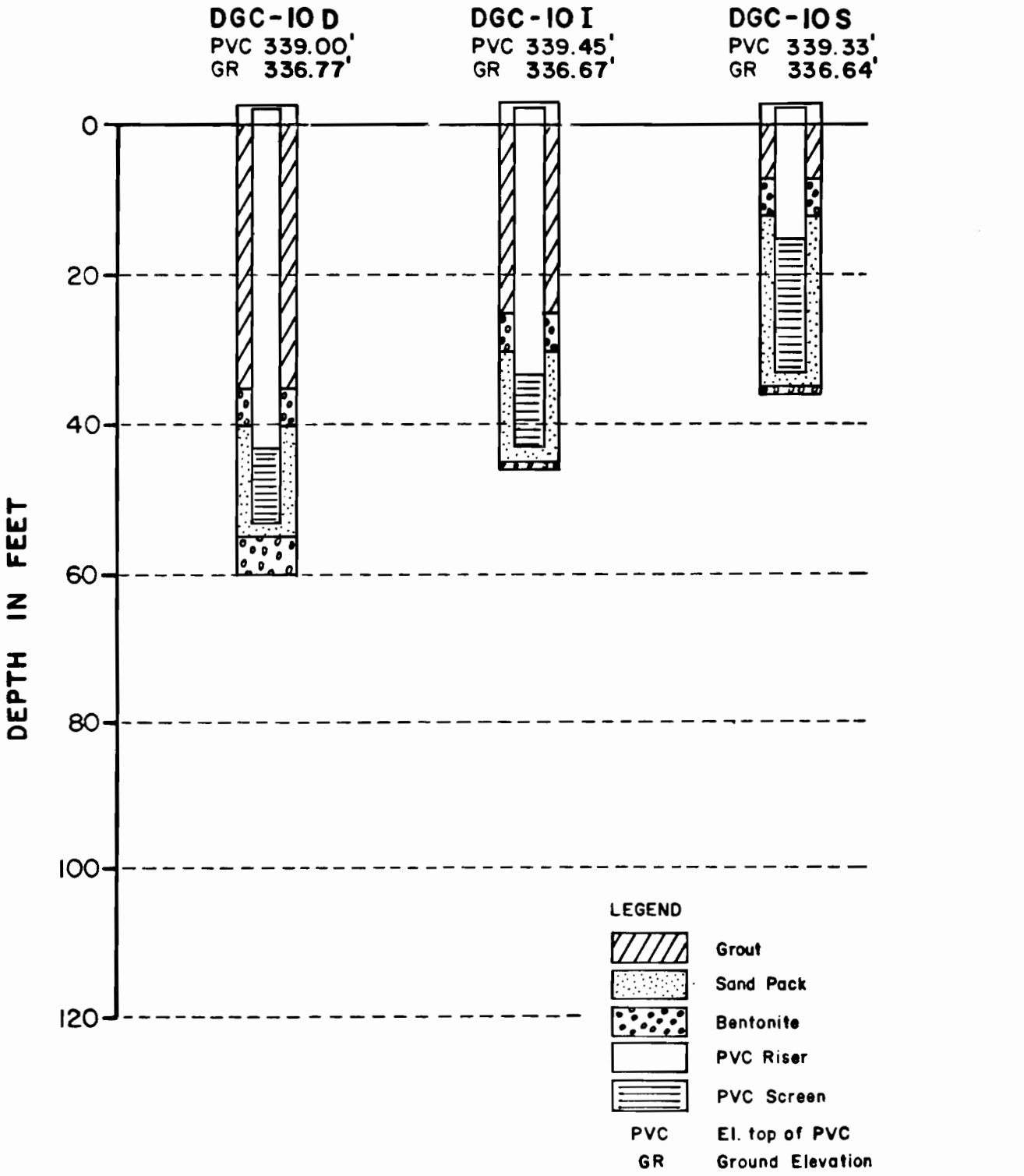
MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

DGC GEOSCIENCE CORP

Date Drilled 6/7/84 - 6/12/84
Driller R. Gregory
DGC Geologist M. Ianniello/J. Uruskyj

Site Number DGC-10

Total Depths:
Shallow Well 36 ft.
Intermediate Well 46 ft.
Deep Well 60 ft.

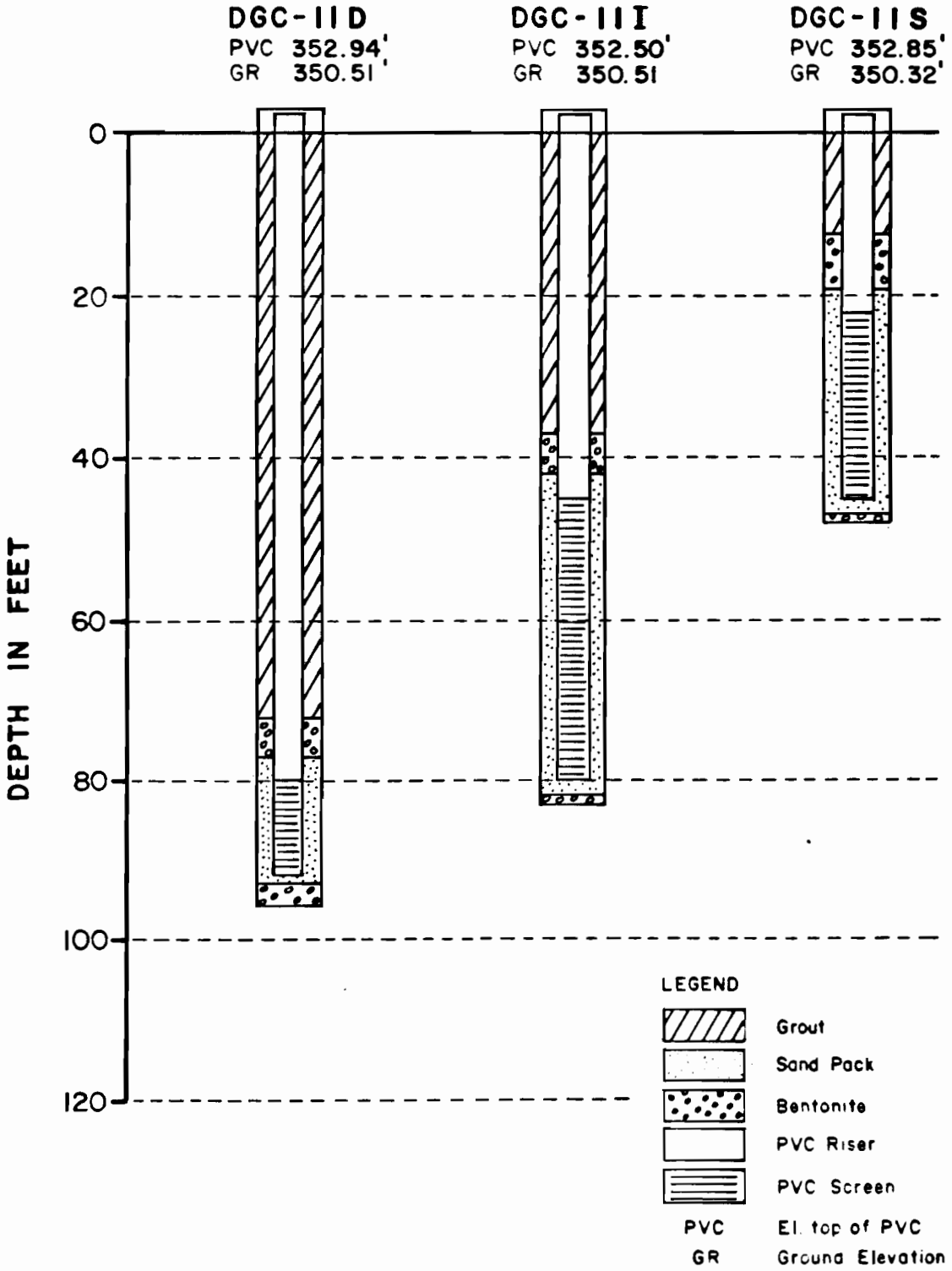


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 6/7/84 - 6/13/84
Driller V. Aimar/R. Gregory
DGC Geologist M. Ianniello/J. Uruskyj

Site Number DGC-11

Total Depths:
Shallow Well 48 ft
Intermediate Well 83 ft
Deep Well 96 ft

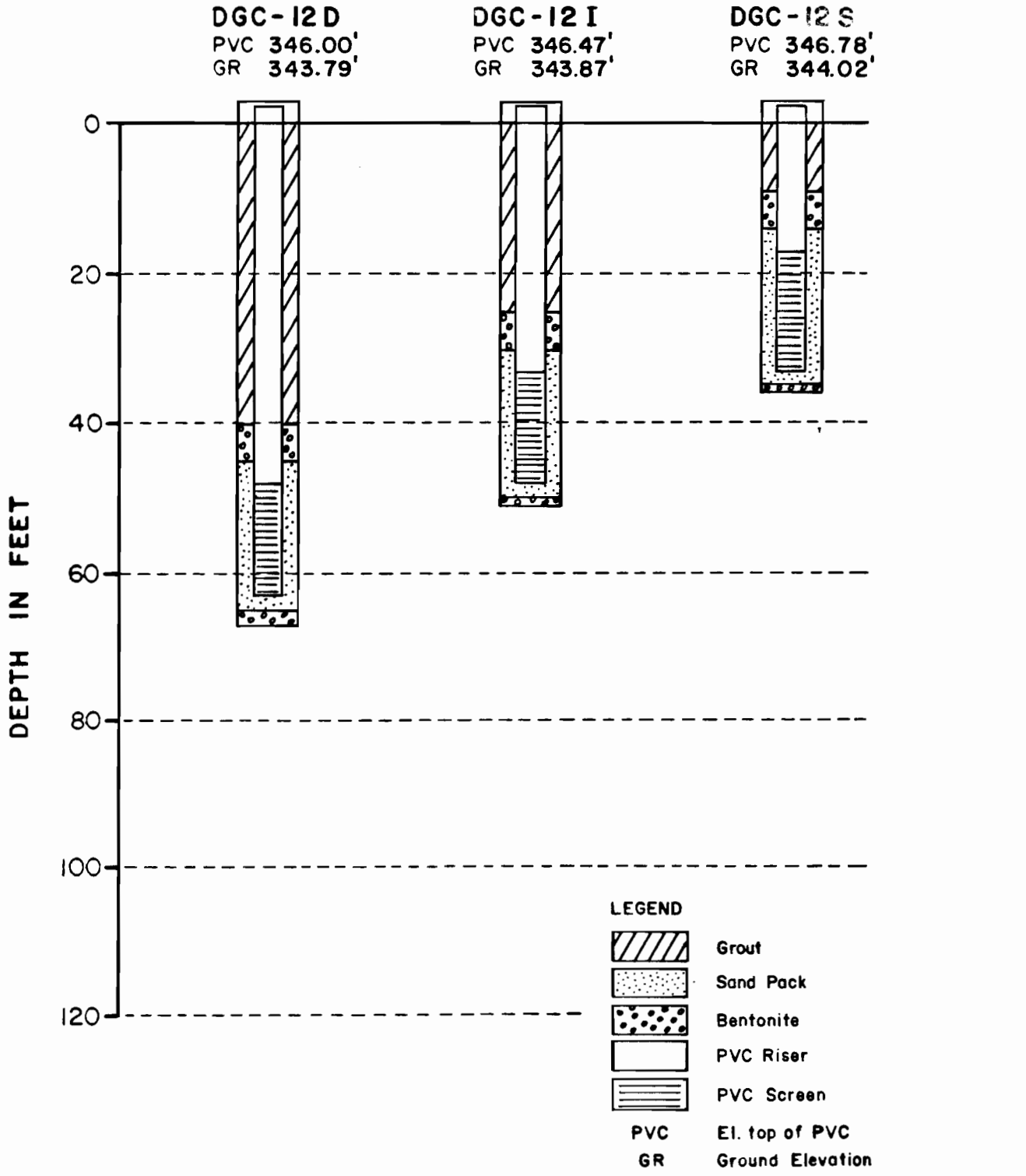


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 6/12/84 - 6/15/84
Driller V. Aimar/R. Gregory
DGC Geologist M. Ianniello

Site Number DGC-12

Total Depths:
Shallow Well 36 ft.
Intermediate Well 51 ft.
Deep Well 67 ft.

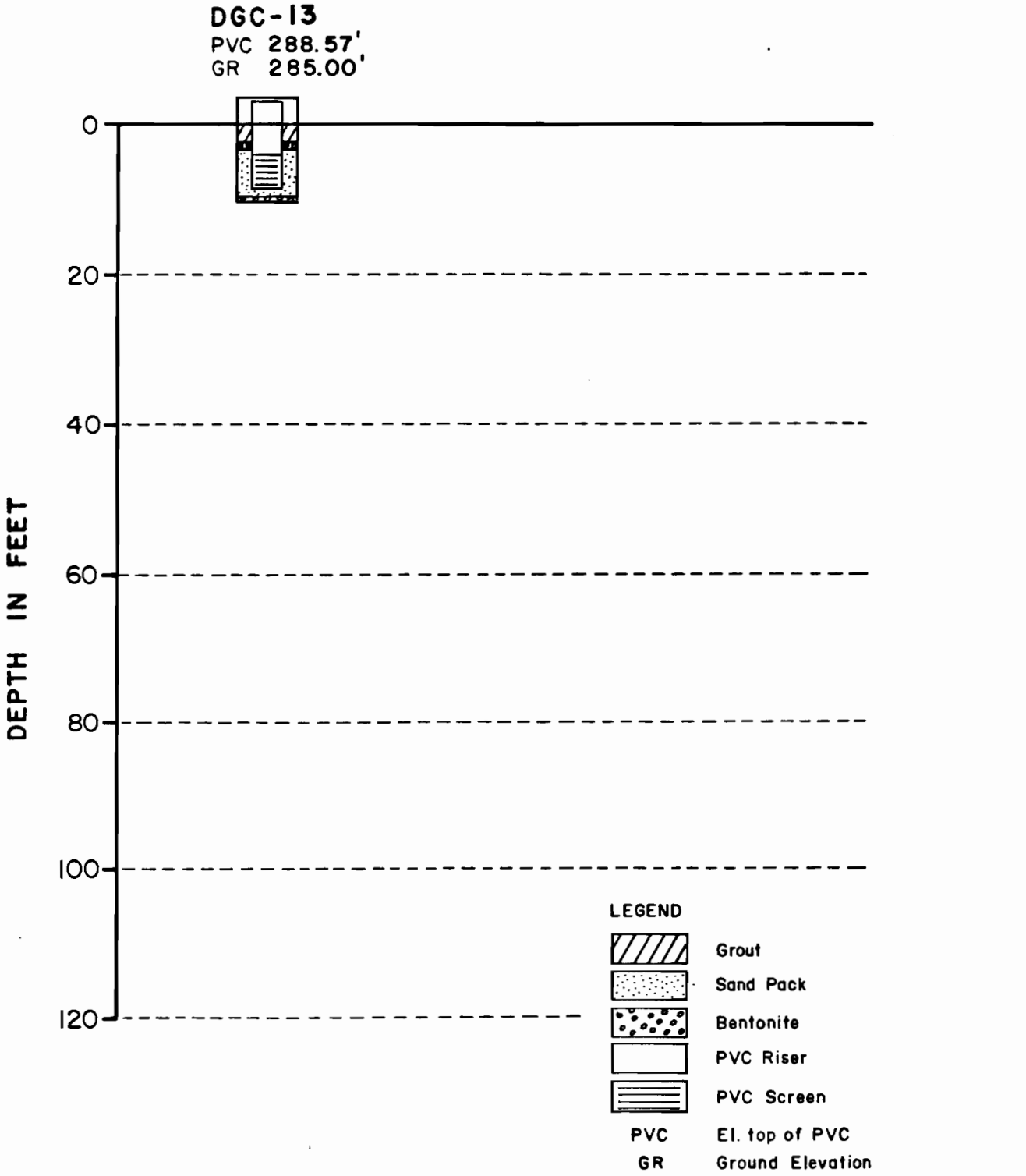


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

DUFFIN GEOSCIENCE CORP

Date Drilled 6/19/84
Driller V. Aimar
DGC Geologist M. Ianniello
Site Number DGC-13

Total Depths:
Shallow Well 10 ft.
Intermediate Well ____ ft.
Deep Well ____ ft.



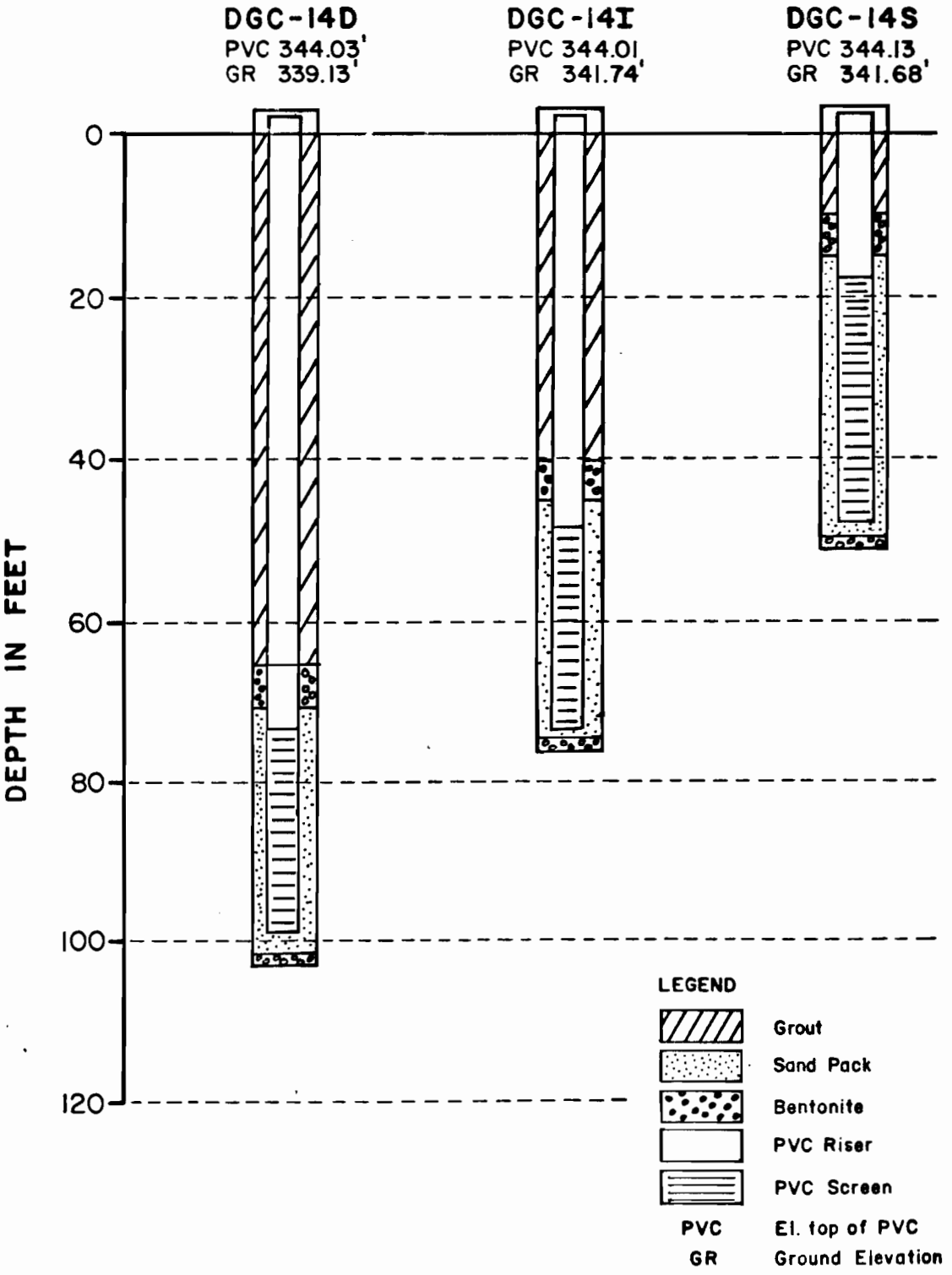
MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

GEOSCIENCE CORP

Date Drilled 8/1/84
Driller V. Aimar
DGC Geologist M. Ianniello

Site Number DGC-14

Total Depths:
Shallow Well 51 ft.
Intermediate Well 76 ft.
Deep Well 104.5 ft.

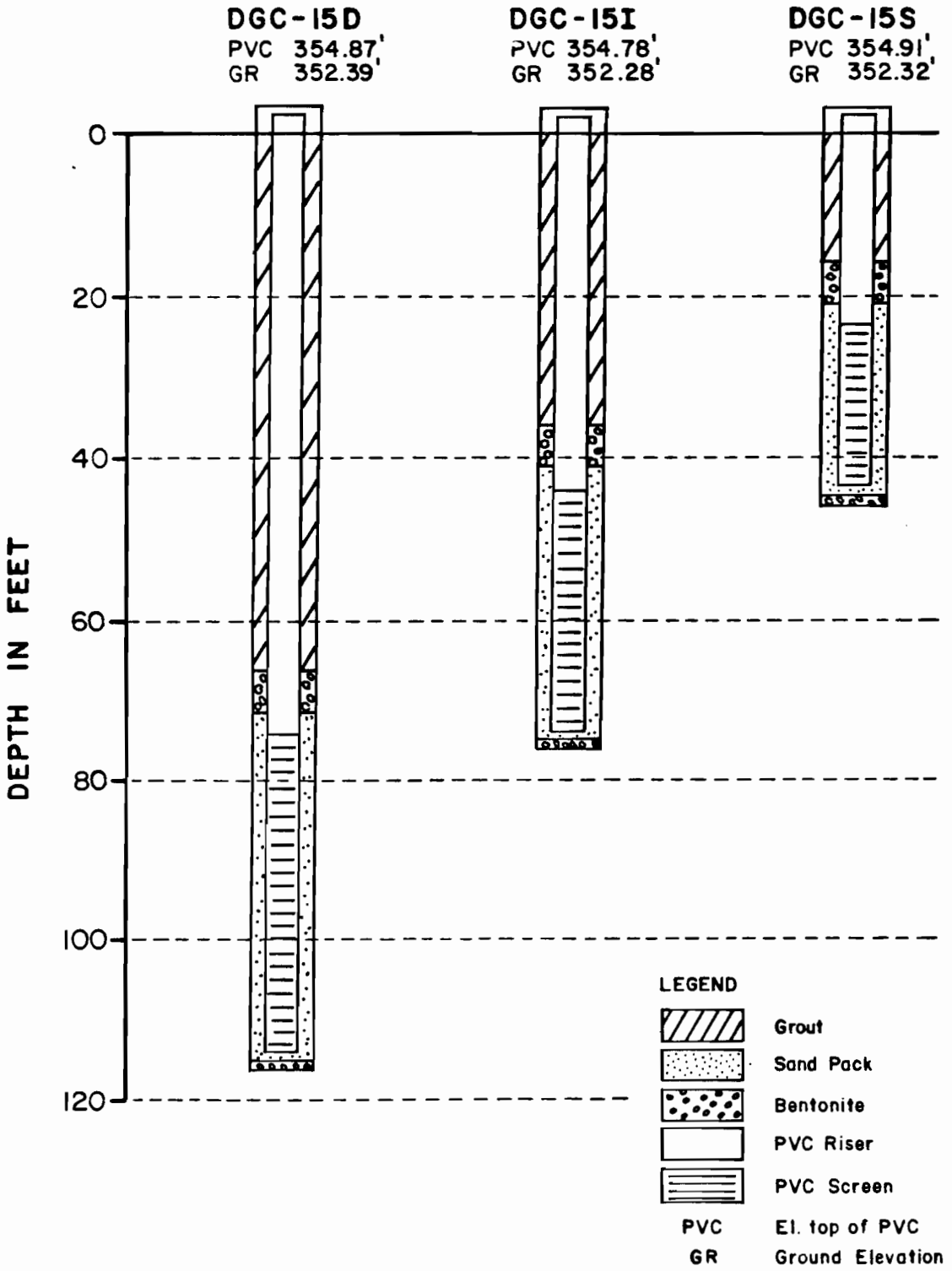


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

GEOSCIENCE CORP

Date Drilled 8/6/84 - 8/10/84
Driller V. Aimar
DGC Geologist M. Ianniello, R. Sutch
Site Number DGC-15

Total Depths:
Shallow Well 46 ft.
Intermediate Well 76 ft.
Deep Well 116 ft.

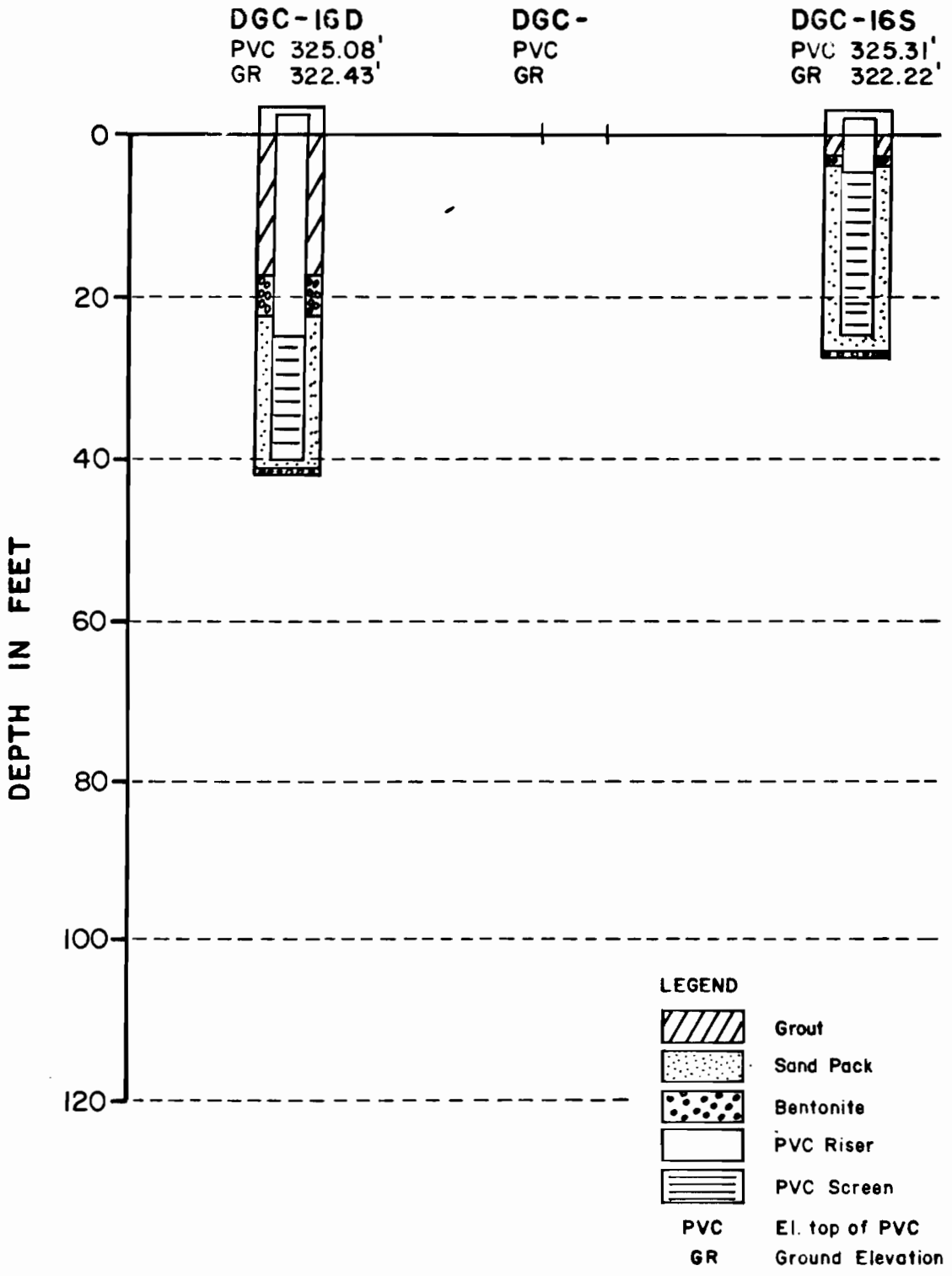


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

GEOSCIENCE CORP

Date Drilled 8/13/84
Driller V. Aimar
DGC Geologist M. Ianniello, R. Sutch
Site Number DGC-16

Total Depths:
Shallow Well 28 ft.
Intermediate Well -- ft.
Deep Well 42 ft.

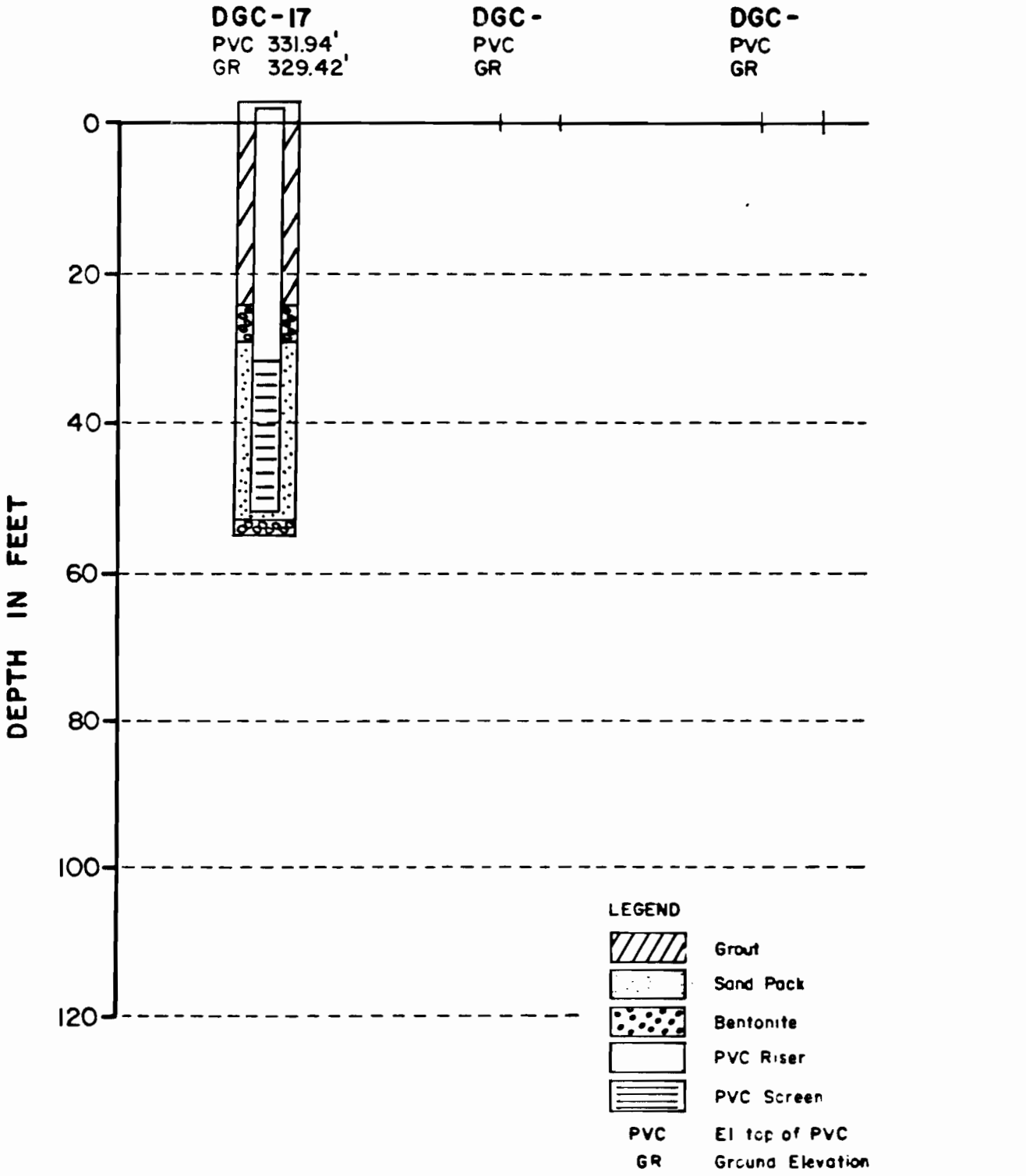


MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 8/14/84
Driller V. Aimar
DGC Geologist M. Ianniello, R. Sutch

Site Number DGC-17

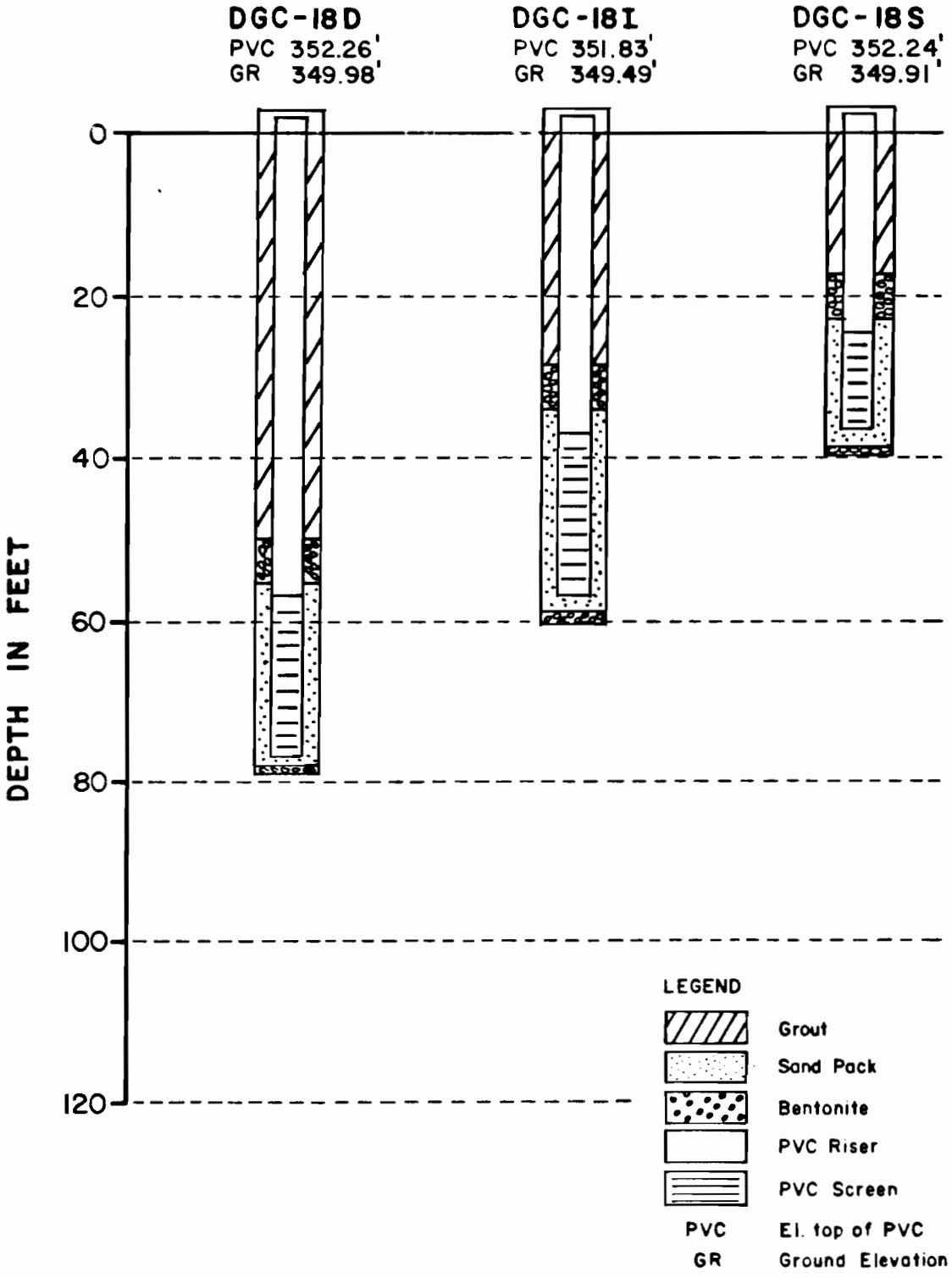
Total Depths:
Shallow Well ____ ft
Intermediate Well ____ ft
Deep Well 55 ft



MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 8/15/84 - 8/20/84
Driller V. Aimar
DGC Geologist M. Ianniello, R. Sutch
Site Number DGC-18

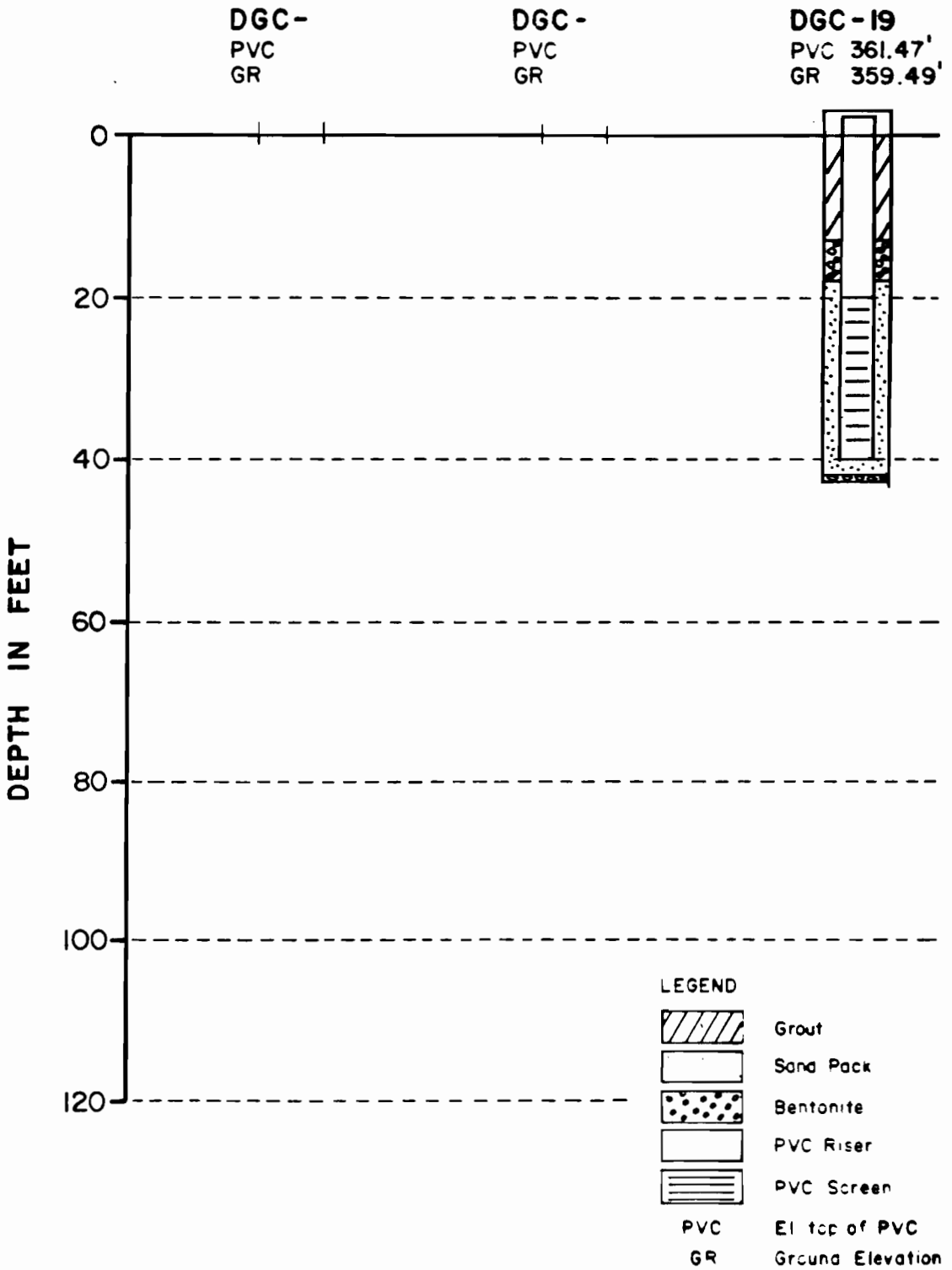
Total Depths:
Shallow Well 40 ft
Intermediate Well 60 ft
Deep Well 79 ft



MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

Date Drilled 8/20/84
Driller V. Aimar
DGC Geologist M. Ianniello, R. Sutch
Site Number DGC-19S

Total Depths:
Shallow Well 43 ft
Intermediate Well ____ ft
Deep Well ____ ft



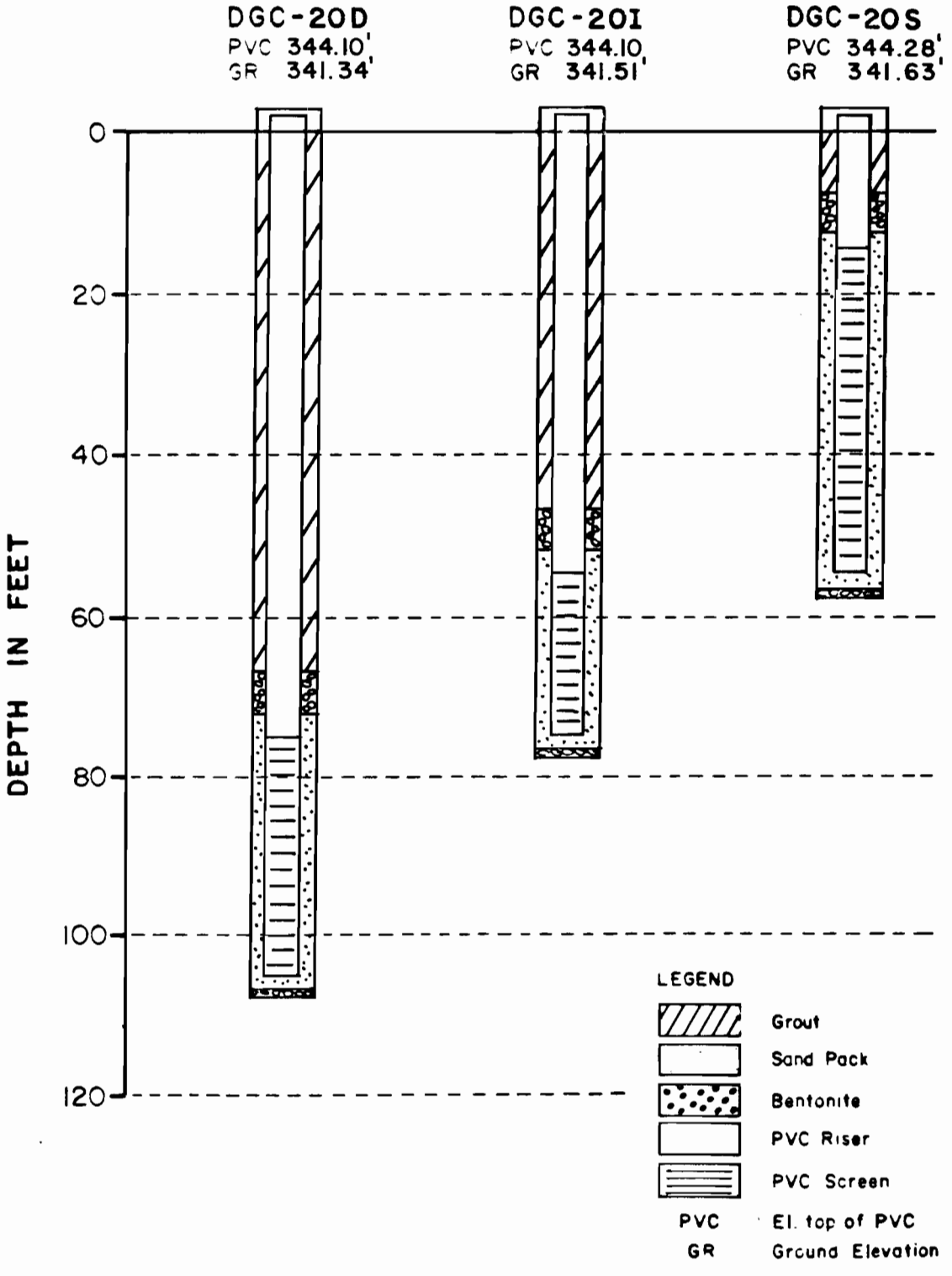
MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

DURHAM GEOSCIENCE CORP

Date Drilled 8/21/84 - 8/23/84
Driller V. Aimar
DGC Geologist M. Ianniello

Site Number DGC-20

Total Depths:
Shallow Well 58 ft.
Intermediate Well 78 ft.
Deep Well 108 ft.



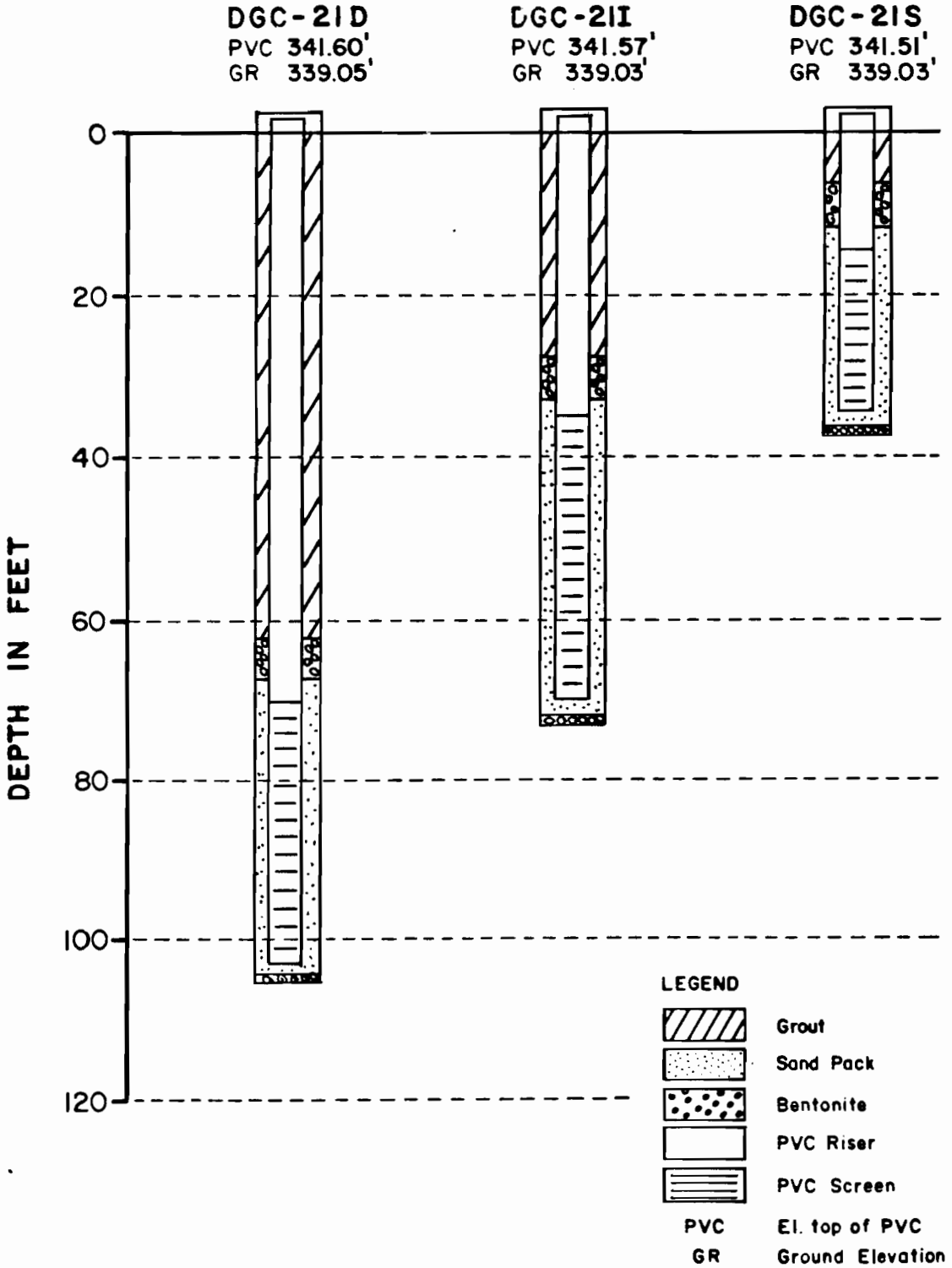
MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

GEOSCIENCE CORP

Date Drilled 8/24/84 - 8/28/84
Driller V. Aimar
DGC Geologist M. Ianniello

Site Number DGC-21

Total Depths:
Shallow Well 38 ft
Intermediate Well 73 ft
Deep Well 105 ft



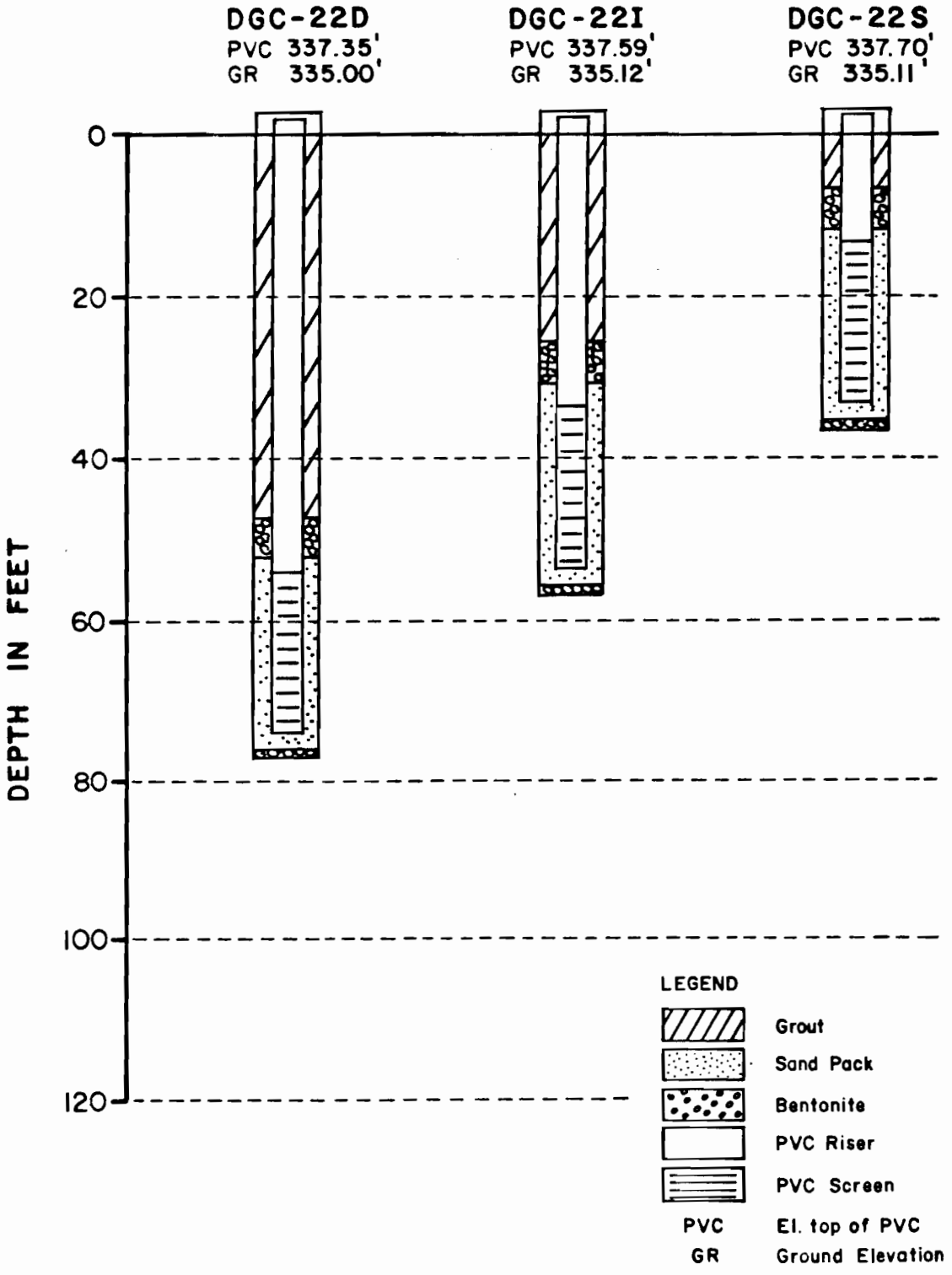
MONITORING WELL CONSTRUCTION DETAIL
REMEDIAL INVESTIGATION
GENERAL ELECTRIC - MOREAU SITE
Index Number II-CERCLA-30201

DUNN GEOSCIENCE CORP

Date Drilled 8/29/84 - 8/30/84
Driller V. Aimar
DGC Geologist M. Ianniello

Site Number DGC-22

Total Depths:
Shallow Well 37 ft
Intermediate Well 57 ft
Deep Well 77 ft



PHOTOIONIZATION RESULTS
383-5-2973

GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 5/2/84 - 5/18/84 Well Cluster 1

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-1	S-1	0.0- 2.0'	9:13 A	9:43 A	.4	.6	-
	S-2	2.0- 4.0'	9:17 A	9:47 A	.4	.4	-
	S-3	4.0- 6.0'	1:31 P	2:02 P	.7	3.1	-
	S-4	6.0- 8.0'	1:35 P	2:05 P	.4	.6	-
	S-5	8.0-10.0'	1:45 P	2:16 P	.4	.5	-
	S-6	10.0-12.0'	1:55 P	2:25 P	.3	.6	-
	S-7	12.0-14.0'	2:05 P	2:36 P	.4	.7	-
	S-8	14.0-16.0'	2:16 P	2:49 P	.4	1.1	-
	S-9	16.0-18.0'	2:23 P	2:54 P	.4	.5	-
	S-10	18.0-20.0'	2:34 P	3:05 P	.4	.5	-
	S-11	20.0-22.0'	2:49 P	3:19 P	.4	.7	-
	S-12	22.0-24.0'	2:54 P	3:27 P	.5	1.6	-
	S-13	24.0-26.0'	3:59 P	4:29 P	.3	.6	-
	S-14	26.0-28.0'	4:04 P	4:34 P	.3	.6	-
	S-15	28.0-30.0'	4:20 P	4:50 P	.4	.5	-
	S-16	30.0-32.0'	4:29 P	4:59 P	.3	.5	-
	S-17	32.0-34.0'	4:39 P	5:08 P	.3	.9	-
	S-18	34.0-36.0'	9:32 A	10:03 A	.3	.6	-
	S-19	36.0-38.0'	9:38 A	10:07 A	.4	.5	-
	S-20	38.0-40.0'	9:53 A	10:24 A	.5	.8	-
	S-21	40.0-42.0'	10:07 A	10:39 A	.3	.5	-
	S-22	42.0-44.0'	10:23 A	10:54 A	.4	1.5	-
	S-23	44.0-46.0'	11:03 A	11:33 A	.4	.7	-
	S-24	46.0-48.0'	11:11 A	11:43 A	.5	1.7	-
	S-25	48.0-50.0'	1:30 P	2:02 P	.7	2.8	BMDL
	S-26	50.0-52.0'	1:56 P	2:26 P	.3	.3	-
	S-27	52.0-54.0'	2:06 P	2:36 P	.3	.3	-
	S-28	54.0-56.0'	3:31 P	4:01 P	.3	.3	-
	S-29	56.0-58.0'	3:44 P	4:15 P	.4	.5	-
	S-30	58.0-60.0'	4:10 P	4:40 P	.3	.3	-

Well Cluster 1

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-1	S-31	60.0-62.0'	5:19 P	5:49 P	.6	.6	-
	S-32	62.0-64.0'	5:25 P	5:55 P	.5	.6	-
	S-33	64.0-66.0'	10:00 A	10:30 A	.5	.5	-
	S-34	66.0-68.0'	10:00 A	10:30 A	.5	.6	-
	S-35	68.0-70.0'	1:36 P	2:07 P	.3	1.3	-
	S-36	70.0-72.0'	1:36 P	2:08 P	.3	.3	-
	S-37	72.0-74.0'	5:12 P	5:42 P	.3	.3	-
DGC-1I	S-1		No Recovery				
	S-2	47.0-49.0'	1:37 P	2:07 P	.3	.6	-
DGC-1S	S-1	26.0-28.0'	11:25 A	12:05 P	.5	1.0	-
	S-2	28.0-30.0'	11:25 A	12:05 P	.5	1.1	-

PHOTOIONIZATION RESULTS
383-5-2973

GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 5/8/84 - 5/17/84 Well Cluster 2

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-2	S-1	0.0- 2.0'	10:25 A	10:55 A	.5	1.6	-
	S-2	2.0- 4.0'	10:45 A	11:15 A	.4	1.0	-
	S-3	4.0- 6.0'	10:50 A	11:20 A	.5	1.4	-
	S-4	6.0- 8.0'	8:21 A	8:54 A	.5	3.0	-
	S-5	8.0-10.0'	8:28 A	8:59 A	.6	.9	-
	S-6	10.0-12.0'	8:34 A	9:03 A	.5	1.5	-
	S-7	12.0-14.0'	8:37 A	9:20 A	.5	1.2	-
	S-8	14.0-16.0'	8:46 A	9:21 A	.3	1.1	-
	S-9	16.0-18.0'	8:50 A	9:23 A	.4	1.8	-
	S-10	18.0-20.0'	8:57 A	9:25 A	.3	1.6	-
	S-11	20.0-22.0'	9:10 A	9:42 A	.6	1.9	-
	S-12	22.0-24.0'	9:29 A	10:00 A	.5	1.0	-
	S-13	24.0-26.0'	9:31 A	10:01 A	.5	.8	-
	S-14	26.0-28.0'	9:40 A	10:10 A	.3	.5	-
	S-15	28.0-30.0'	9:50 A	10:20 A	.4	.9	-
	S-16	30.0-32.0'	10:07 A	10:37 A	.5	3.2	BMDL
	S-17	32.0-34.0'	10:10 A	10:40 A	.5	1.2	-
	S-18	34.0-36.0'	10:14 A	10:44 A	.5	2.5	-
	S-19	36.0-38.0'	10:30 A	11:01 A	.3	5.6	BMDL
	S-20	38.0-40.0'	10:40 A	11:10 A	.4	4.3	BMDL
	S-21	40.0-42.0'	10:49 A	11:21 A	.4	2.3	-
	S-22	42.0-44.0'	11:11 A	11:42 A	.3	3.6	-
	S-23	44.0-46.0'	11:20 A	11:50 A	.3	4.9	-
	S-24	46.0-48.0'	11:30 A	12:00 P	.4	2.1	-
	S-25	48.0-50.0'	11:43 A	12:13 P	.4	3.7	-
	S-26	50.0-52.0'	1:35 P	2:05 P	.8	3.4	-
	S-27	52.0-54.0'	1:46 P	2:18 P	.3	4.8	BMDL
	S-28	54.0-56.0'	1:55 P	2:27 P	.3	.8	-
	S-29	56.0-58.0'	2:03 P	2:35 P	.3	2.4	-
	S-30	58.0-60.0'	2:13 P	2:44 P	.3	1.1	-

Well Cluster 2

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-2	S-31	60.0-62.0'	2:29 P	2:58 P	.2	.3	-
	S-32	62.0-64.0'	2:41 P	3:25 P	.3	.9	-
	S-33	64.0-66.0'	2:48 P	3:25 P	.3	.6	-
	S-34	66.0-68.0'	3:06 P	3:36 P	.3	.3	-
	S-35	68.0-70.0'	3:11 P	3:41 P	.3	.4	-
	S-36	70.0-72.0'	4:40 P	5:10 P	.4	.5	-
	S-37	72.0-74.0'	4:40 P	5:10 P	.4	.4	-
	S-38	74.0-76.0'	4:50 P	5:20 P	.3	.3	-
	S-39	76.0-78.0'	5:04 P	5:34 P	.3	.3	-
DGC-2I	S-1	41.0-43.0'	No Recovery				
	S-2	43.0-45.0'	4:01 P	4:40 P	.4	1.1	-
DGC-2S	S-1	24.0-26.0'	4:02 P	4:41 P	.3	.5	-

PHOTOIONIZATION RESULTS
383-5-2973

GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 5/10/84 - 5/16/84 Well Cluster 3

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-3	S-1	0.0- 2.0'	3:04 P	3:35 P	.9	1.2	-
	S-2	5.0- 7.0'	3:10 P	3:40 P	.4	.9	-
	S-3	10.0-12.0'	3:18 P	3:48 P	.3	.6	-
	S-4	15.0-17.0'	3:25 P	3:56 P	.3	.6	-
	S-5	20.0-22.0'	3:32 P	4:02 P	.3	.5	-
	S-6	25.0-27.0'	3:42 P	4:14 P	.4	.6	-
	S-7	30.0-32.0'	3:56 P	4:26 P	.2	.4	-
	S-8	35.0-37.0'	4:06 P	4:35 P	.3	.8	-
	S-9	40.0-42.0'	4:22 P	4:54 P	.5	1.2	-
	S-10	45.0-47.0'	4:35 P	5:05 P	.4	1.0	-
	S-11	50.0-52.0'	4:56 P	5:27 P	.4	2.2	-
	S-12	55.0-57.0'	5:14 P	5:46 P	.4	.4	-
	S-13	57.0-59.0'	11:46 A	12:16 P	.4	.4	-
	S-14	60.0-62.0'	12:41 P	1:28 P	.4	.5	-
	S-15	65.0-67.0'	1:07 P	1:40 P	.3	.3	-
DGC-3I	S-1	40.0-42.0'	No Recovery				
	S-2	42.0-44.0'	4:03 P	4:42 P	.4	.8	-
DGC-3S	S-1	25.0-27.0'	4:04 P	4:42 P	.4	.6	-
		27.0-29.0'	4:05 P	4:42 P	.3	.8	-

PHOTOIONIZATION RESULTS
383-5-2973

GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 5/17/84 - 5/22/84 Well Cluster 4

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm) A	HNU Reading (ppm) B	Draeger Tube Reading (ppm)
DGC-4	S-1	0.0- 2.0'	12:20 P	12:50 P	.3	1.1	.4	-
	S-2	5.0- 7.0'	12:27 P	12:50 P	.3	.3	.4	-
	S-3	10.0-12.0'	12:32 P	12:54 P	.3	.3	.3	-
	S-4	15.0-17.0'	12:40 P	1:10 P	.3	.4	.3	-
	S-5	20.0-22.0'	12:50 P	1:21 P	.3			
	S-6	25.0-27.0'	1:00 P	1:31 P	.4	.6	.4	-
	S-7	30.0-32.0'	1:04 P	1:35 P	.3	.6	.4	-
	S-8	35.0-37.0'	1:13 P	1:43 P	.3	1.0	.6	-
	S-9	40.0-42.0'	1:21 P	1:53 P	.3	.6	.5	-
	S-10	42.0-44.0'	1:37 P	2:07 P	.3	.5	.4	-
	S-11	44.0-46.0'	1:49 P	2:17 P	.3	.5	.3	-
	S-12	46.0-48.0'	1:57 P	2:27 P	.3	.3	.3	-
	S-13	48.0-50.0'	2:11 P	2:41 P	.3	.4	.3	-
	S-14	50.0-52.0'	2:21 P	2:51 P	.3	1.8	.4	-
	S-15	55.0-57.0'	2:32 P	3:02 P	.4	.6	.4	-
	S-16	60.0-62.0'	2:54 P	3:26 P	.4	.8	.4	-
DGC-4I	S-1	29.0-31.0'	11:42 A	12:12 P	.5	1.1		-
	S-2	31.0-33.0'	11:53 A	12:23 P	.5	1.1		
DGC-4S	S-1	12.0-14.0'	4:50 P	5:20 P	.4	.5		

PHOTOIONIZATION RESULTS
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GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 5/21/84 - 5/23/84 Well Cluster 5

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-5	S-1	0.0- 2.0'	10:33 A	11:03 A	.4	.9	-
	S-2	5.0- 7.0'	10:38 A	11:08 A	.3	.9	-
	S-3	10.0-12.0'	10:49 A	11:19 A	.4	.8	-
	S-4	15.0-17.0'	10:57 A	11:27 A	.6	1.3	-
	S-5	20.0-22.0'	11:13 A	11:34 A	.4	1.0	-
	S-6	25.0-27.0'	11:27 A	11:57 A	.4	.9	-
	S-7	30.0-32.0'	11:34 A	12:04 P	.3	1.3	-
	S-8	35.0-37.0'	11:49 A	12:19 P	.4	2.4	-
	S-9	40.0-42.0'	12:21 P	12:51 P	.4	1.7	-
	S-10	42.0-44.0'	12:21 P	12:51 P	.4	1.9	-
	S-11	44.0-46.0'	12:29 P	12:59 P	.4	2.1	-
	S-12	46.0-48.0'	12:34 P	1:04 P	.4	1.5	-
	S-13	48.0-50.0'	3:00 P	3:30 P	.3	1.0	-
	S-14	50.0-52.0'	4:20 P	4:50 P	.3	29.0	BMDL
	S-15	55.0-57.0'	4:45 P	5:15 P	.4	6.2	-
	S-16	60.0-62.0'	10:45 A	11:15 A	.4	140	-
	S-17	65.0-67.0'	10:45 A	11:15 A	.4	130	-
	S-18	70.0-72.0'	11:05 A	11:35 A	.4	21.0	-
	S-19	75.0-77.0'	11:22 A	11:52 A	.5	11.0	-
	S-20	80.0-82.0'	12:10 P	12:40 P	.4	3.4	-
	S-21	85.0-87.0'	12:10 P	12:40 P	.3	4.0	-
DGC-5I	S-1	46.5-48.5'	No Recovery				
	S-2	48.5-50.5'	11:47 A	12:17 P	.5	.6	-
DGC-5S	S-1	26.0-28.0'	11:04 A	11:36 A	.5	24.0	BMDL

PHOTOIONIZATION RESULTS
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GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 5/24/84 Well Cluster 6

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-6	S-1	0.0- 2.0'	9:18 A	9:48 A	.5	2.5	-
	S-2	2.0- 4.0'	9:21 A	9:51 A	.5	1.4	-
	S-3	4.0- 6.0'	9:27 A	9:57 A	.4	.7	-
	S-4	6.0- 8.0'	9:28 A	9:58 A	.2	.7	-
	S-5	8.0-10.0'	9:36 A	10:06 A	.5	1.2	-
	S-6	10.0-12.0'	9:41 A	10:11 A	.2	1.6	-
	S-7	12.0-14.0'	9:57 A	10:27 A	.4	1.4	-
	S-8	14.0-16.0'	10:00 A	10:30 A	.2	4.2	BMDL
	S-9	16.0-18.0'	10:06 A	10:36 A	.2	1.0	-
	S-10	18.0-20.0'	No Recovery				
	S-11	20.0-22.0'	10:19 A	10:49 A	.4	1.4	-
	S-12	22.0-24.0'	10:25 A	10:55 A	.2	.8	-
	S-13	24.0-26.0'	11:00 A	11:30 A	.3	4.4	BMDL
	S-14	26.0-28.0'	11:09 A	11:39 A	.3	1.8	-
	S-15	28.0-30.0'	11:23 A	11:53 A	.3	1.2	-
	S-16	30.0-32.0'	11:31 A	12:01 P	.4	2.6	-
	S-17	32.0-34.0'	11:45 A	12:15 P	.4	1.1	-
	S-18	34.0-36.0'	11:55 A	12:25 P	.3	1.4	-
	S-19	36.0-38.0'	12:08 P	12:38 P	.6	1.4	-
	S-20	38.0-40.0'	12:16 P	12:46 P	.3	1.2	-
	S-21	40.0-42.0'	1:22 P	1:52 P	.4	1.0	-
	S-22	42.0-44.0'	1:28 P	1:58 P	.2	.4	-
	S-23	44.0-46.0'	1:47 P	2:17 P	.4	.8	-
	S-24	46.0-48.0'	1:52 P	2:22 P	.3	.8	-
	S-25	48.0-50.0'	2:07 P	2:37 P	.5	1.2	-
	S-26	50.0-52.0'	2:17 P	2:47 P	.3	2.7	-
	S-27	52.0-54.0'	2:27 P	2:57 P	.9	1.8	-
	S-28	54.0-56.0'	2:31 P	3:01 P	.4	.9	-
	S-29	56.0-58.0'	3:00 P	3:30 P	.9	1.2	-
	S-30	58.0-60.0'	3:10 P	3:40 P	.9	60	BMDL

Well Cluster 6

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-6	S-31	60.0-62.0'	3:21 P	3:51 P	.6	1.8	-
	S-32	62.0-64.0'	3:30 P	4:00 P	.3	1.8	-
	S-33	64.0-66.0'	4:16 P	4:46 P	.6	2.0	-
	S-34	66.0-68.0'	4:39 P	5:09 P	.2	.6	-
	S-35	68.0-70.0'	4:46 P	5:19 P	.2	.4	-
	S-36	70.0-72.0'	5:10 P	5:40 P	.5	1.4	-
	S-37	72.0-74.0'	5:10 P	5:40 P	.2	.7	-
	S-38	74.0-76.0'	5:23 P	5:53 P	.2	.7	-
	S-39	76.0-78.0'	9:51 A	10:21 A	2.3	1.8	-
	S-40	78.0-80.0'	9:52 A	10:22 A	1.8	1.2	-
	S-41	80.0-82.0'	9:53 A	10:23 A	2.0	1.3	-
	S-42	82.0-84.0'	9:55 A	10:25 A	1.0	1.2	-
	S-43	84.0-86.0'	9:23 A	9:53 A	2.7	2.7	-
	S-44	86.0-88.0'	9:26 A	9:56 A	2.3	2.8	-
	S-45	88.0-90.0'	9:00 A	9:30 A	2.0	2.3	-
	S-46	90.0-92.0'	9:04 A	9:34 A	1.8	2.6	-
	S-47	92.0-94.0'	10:54 A	11:24 A	.6	.8	-
	S-48	94.0-96.0'	11:04 A	11:34 A	1.1	1.6	-
	S-49	96.0-98.0'	11:30 A	12:00 P	1.8	4.0	BMDL
	S-50	98.0-100.0'	11:36 A	12:06 P	1.1	2.4	-
	S-51	100.0-102.0'	12:00 P	12:30 P	1.2	2.8	-
	S-52	102.0-104.0'	12:18 P	12:50 P	1.2	1.6	-
DGC-6I	S-1	50.0-52.0'	11:48 A	12:18 P	.6	2.9	-
DGC-6S	S-1	29.0-31.0'	11:32 A	12:02 P	.7	5.0	-

PHOTOIONIZATION RESULTS
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GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 5/24/84 - 6/1/84 Well Cluster 7

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-7	S-1	0.0- 2.0'	11:00 A	11:30 A	.2	27.0	BMDL
	S-2	5.0- 7.0'	11:00 A	11:30 A	.4	1.2	-
	S-3	10.0-12.0'	11:00 A	11:30 A	.4	1.0	-
	S-4	15.0-17.0'	11:00 A	11:30 A	.3	1.2	-
	S-5	20.0-22.0'	11:00 A	11:30 A	.3	2.8	-
	S-6	25.0-27.0'	11:00 A	11:30 A	.3	1.9	-
	S-7	30.0-32.0'	11:00 A	11:30 A	.3	2.0	-
	S-8	35.0-37.0'	11:00 A	11:30 A	.4	1.0	-
	S-9	40.0-42.0'	11:00 A	11:30 A	.3	5.2	BMDL
	S-10	45.0-47.0'	11:38 A	12:08 P	.4	6.8	BMDL
	S-11	50.0-52.0'	11:38 A	12:08 P	.4	2.6	-
	S-12	55.0-57.0'	4:05 P	4:35 P	.3	56	60
	S-13	60.0-62.0'	4:29 P	4:59 P	.4	24	7.0
	S-14	65.0-67.0'	5:10 P	5:40 P	.3	6.0	2.0
	S-15	70.0-72.0'	5:10 P	5:40 P	.2	2.2	-
	S-16	75.0-77.0'	9:44 A	10:14 A	.6	1.2	-
	S-17	80.0-82.0'	9:47 A	10:17 A	.8	2.9	-
	S-18	85.0-87.0'	9:49 A	10:19 A	2.0	3.4	-
	S-19	90.0-92.0'	9:50 A	10:20 A	2.0	2.4	-
DGC-7I	S-1	46.0-48.0'	11:30 A	12:00 P	1.7	12.0	2.0
DGC-7S	S-1	30.0-32.0'	11:30 A	12:00 P	1.4	3.4	-

PHOTOIONIZATION RESULTS
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GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 6/5/84 - 6/7/84 Well Cluster 8

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-8	S-1	0.0- 2.0'	10:03 A	10:33 A	.8	6.2	-
	S-2	5.0- 7.0'	10:03 A	10:33 A	.8	5.6	-
	S-3	10.0-12.0'	10:03 A	10:33 A	.8	6.6	-
	S-4	15.0-17.0'	10:03 A	10:33 A	.8	6.3	-
	S-5	20.0-22.0'	10:03 A	10:33 A	.8	5.4	-
	S-6	25.0-27.0'	10:11 A	10:41 A	.7	7.6	-
	S-7	30.0-32.0'	10:18 A	10:48 A	.8	6.5	-
	S-8	35.0-37.0'	10:30 A	11:00 A	.8	7.2	BMDL
	S-9	40.0-42.0'	10:48 A	11:18 A	1.2	4.2	-
	S-10	45.0-47.0'	11:35 A	12:05 P	1.0	4.2	-
	S-11	50.0-52.0'	11:40 A	12:10 P	.8	5.2	-
	S-12	55.0-57.0'	11:52 A	12:22 P	.7	7.2	BMDL
	S-13	60.0-62.0'	1:43 P	2:13 P	.8	5.7	BMDL
	S-14	65.0-67.0'	1:55 P	2:25 P	.7	5.0	-
	S-15	70.0-72.0'	2:18 P	2:48 P	1.0	4.9	BMDL
	S-16	75.0-77.0'	2:30 P	3:00 P	.9	5.2	-
	S-17	80.0-82.0'	3:05 P	3:35 P	.4	2.7	-
	S-18	85.0-87.0'	10:15 A	10:45 A	.4	2.4	-
	S-19	90.0-92.0'	10:15 A	10:45 A	1.4	2.3	-
	S-20	95.0-97.0'	10:15 A	10:45 A	.4	.6	-
	S-21	100.0-102.0'	10:15 A	10:45 A	.4	.4	-
	S-22	108.0-107.0'	10:15 A	10:45 A	1.3	1.6	-
	S-23	107.0-109.0'	10:15 A	10:45 A	1.3	1.7	-
DGC-8I	S-1	51.0-53.0'	4:15 P	4:45 P	2.0	.5	-
DGC-8S	S-1	31.0-33.0'	9:20 A	9:50 A	3.2	4.2	-

PHOTOIONIZATION RESULTS
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GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 6/5/84 - 6/6/84 Well Cluster 9

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-9	S-1	0.0- 2.0'					
	S-2	5.0- 7.0'	1:08 P	1:38 P	.4	1.7	-
	S-3	10.0-12.0'	1:10 P	1:40 P	.6	2.6	-
	S-4	15.0-17.0'	1:10 P	1:40 P	.6	3.1	-
	S-5	20.0-22.0'	1:10 P	1:40 P	.6	3.0	-
	S-6	25.0-27.0'	1:10 P	1:40 P	.5	2.7	-
	S-7	30.0-32.0'	1:10 P	1:40 P	.4	4.9	BMDL
	S-8	35.0-37.0'	1:10 P	1:40 P	.4	2.5	-
	S-9	40.0-42.0'	1:10 P	1:40 P	.4	3.0	-
	S-10	45.0-47.0'	1:10 P	1:40 P	.4	2.0	-
	S-11	50.0-52.0'	1:10 P	1:40 P	.5	2.0	-
	S-12	55.0-57.0'	1:21 P	1:51 P	.4	4.4	2.0
	S-13	60.0-62.0'	1:30 P	2:00 P	.4	3.5	-
	S-14	65.0-67.0'	1:48 P	2:13 P	.4	3.7	-
	S-15	70.0-72.0'	2:01 P	2:31 P	.6	1.0	-
	S-16	75.0-77.0'	2:42 P	3:12 P	.5	3.4	-
DGC-9I	S-1	36.0-38.0'	4:15 P	4:45 P	1.8	2.0	-
DGC-9S	S-1	33.0-35.0'	9:20 A	9:50 A	3.4	3.8	-

PHOTOIONIZATION RESULTS
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GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 6/7/84 - 6/12/84 Well Cluster 10

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-10	S-1	0.0- 2.0'	4:25 P	4:55 P	3.6	2.6	-
	S-2	5.0- 7.0'	4:25 P	4:55 P	2.6	2.9	-
	S-3	10.0-12.0'	4:25 P	4:55 P	2.6	2.9	-
	S-4	15.0-17.0'	4:25 P	4:55 P	2.2	2.7	-
	S-5	20.0-22.0'	4:25 P	4:55 P	2.6	2.8	-
	S-6	25.0-27.0'	4:25 P	4:55 P	2.4	2.9	-
	S-7	30.0-32.0'	4:25 P	4:55 P	2.6	2.8	-
	S-8	35.0-37.0'	4:25 P	4:55 P	2.5	6.2	BMDL
	S-9	40.0-42.0'	4:25 P	4:55 P	2.5	11.2	2.0
	S-10	45.0-47.0'	4:25 P	4:55 P	2.3	3.4	-
	S-11	50.0-52.0'	4:25 P	4:55 P	2.2	2.9	-
	S-12	55.0-57.0'	4:25 P	4:55 P	2.3	2.8	-
	S-13	60.0-62.0'	4:25 P	4:55 P	2.2	1.6	-
DGC-10I	S-1	34.0-36.0'	11:18 A	11:48 A	.9	2.5	-
DGC-10S	S-1	26.0-28.0'	9:30 A	10:00 A	.8	3.2	BMDL

PHOTOIONIZATION RESULTS
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GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 6/7/84 - 6/17/84 Well Cluster 11

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-11	S-1	0.0- 2.0'	2:15 P	2:45 P	3.2	3.5	-
	S-2	2.0- 4.0'	2:15 P	2:45 P	3.0	3.2	-
	S-3	4.0- 6.0'	2:15 P	2:45 P	3.2	3.8	-
	S-4	6.0- 8.0'	2:15 P	2:45 P	3.1	3.8	BMDL
	S-5	8.0-10.0'	2:15 P	2:45 P	3.2	3.3	-
	S-6	10.0-12.0'	2:15 P	2:45 P	3.0	3.3	-
	S-7	12.0-14.0'	2:17 P	2:47 P	3.1	3.3	-
	S-8	14.0-16.0'	2:21 P	2:51 P	2.7	3.5	-
	S-9	16.0-18.0'	2:45 P	3:15 P	2.9	3.5	-
	S-10	18.0-20.0'	2:45 P	3:15 P	3.0	3.3	-
	S-11	20.0-22.0'	2:45 P	3:15 P	3.0	3.1	-
	S-12	22.0-24.0'	2:45 P	3:15 P	3.0	3.2	-
	S-13	24.0-26.0'	2:57 P	3:27 P	3.0	4.2	-
	S-14	26.0-28.0'	3:03 P	3:33 P	3.2	3.9	-
	S-15	28.0-30.0'	4:35 P	5:05 P	2.0	5.3	BMDL
	S-16	30.0-32.0'	4:35 P	5:05 P	2.3	4.2	BMDL
	S-17	32.0-34.0'	4:35 P	5:05 P	2.2	3.8	-
	S-18	34.0-36.0'	4:35 P	5:05 P	2.3	3.7	-
	S-19	36.0-38.0'	4:35 P	5:05 P	2.3	4.7	-
	S-20	38.0-40.0'	4:35 P	5:05 P	2.4	6.3	2.0
	S-21	40.0-42.0'	4:35 P	5:05 P	2.4	3.5	-
	S-22	42.0-44.0'	4:35 P	5:05 P	2.4	3.9	-
	S-23	44.0-46.0'	5:11 P	5:41 P	2.5	4.7	BMDL
	S-24	46.0-48.0'	5:11 P	5:41 P	1.8	7.0	BMDL
	S-25	48.0-50.0'	5:18 P	5:48 P	1.5	4.2	2.0
	S-25A	48.0-50.0'	5:18 P	5:48 P	2.2	5.4	BMDL
	S-26	50.0-52.0'	5:40 P	6:10 P	1.7	5.2	-
	S-27	52.0-54.0'	8:06 A	8:36 A	1.3	2.3	-
	S-28	54.0-56.0'	8:24 A	8:54 A	.5	1.6	-
	S-29	56.0-58.0'	8:27 A	8:57 A	.5	3.2	2.0
	S-30	58.0-60.0'	8:36 A	9:06 A	.5	2.3	30.0

Well Cluster 11

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-11	S-31	60.0-62.0'	8:48 A	9:18 A	1.0	7.1	3.0
	S-32	62.0-64.0'	8:57 A	9:27 A	.8	1.6	-
	S-33	64.0-66.0'	9:11 A	9:41 A	.8	13.2	10
	S-34	66.0-68.0'	9:19 A	9:49 A	.8	18.6	8.0
	S-35	68.0-70.0'	9:35 A	10:05 A	.7	9.0	5.0
	S-36	70.0-72.0'	9:45 A	10:15 A	.7	2.6	-
	S-37	72.0-74.0'	9:57 A	10:27 A	.6	20+	25
	S-38	74.0-76.0'	8:24 A	8:54 A	.7	28	20
	S-39	76.0-78.0'	8:24 A	8:56 A	.8	12	2.0
	S-40	78.0-80.0'	9:20 A	9:50 A	.9	3.2	BMDL
	S-41	80.0-82.0'	9:31 A	10:01 A	.8	4.9	BMDL
	S-42	82.0-84.0'	9:50 A	10:20 A	2.5	2.6	-
	S-43	84.0-86.0'	10:06 A	10:36 A	1.8	2.3	-
	S-44	86.0-88.0'	10:20 A	10:50 A	.7	2.9	-
	S-45	88.0-90.0'	10:33 A	11:03 A	1.8	3.0	-
	S-46	90.0-92.0'	11:03 A	11:33 A	.5	2.2	-
	S-47	92.0-94.0'	11:07 A	11:37 A	1.0	2.1	-
	S-48	94.0-96.0'	12:37 P	1:07 P	.8	2.8	-
DGC-11I	S-1	46.0-48.0'	11:03 A	11:35 A	.9	3.8	BMDL
DGC-11S	S-1	31.0-33.0'	10:35 A	11:05 A	2.3	4.1	BMDL

PHOTOIONIZATION RESULTS
383-5-2973

GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 6/13/84 - 6/15/84 Well Cluster 12

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-12	S-1	0.0- 2.0'	7:55 A	8:25 A	1.8	2.2	-
	S-2	5.0- 7.0'	7:55 A	8:25 A	1.7	2.2	-
	S-3	10.0-12.0'	7:55 A	8:25 A	1.8	2.1	-
	S-4	15.0-17.0'	7:55 A	8:25 A	1.7	2.0	-
	S-5	20.0-22.0'	7:55 A	8:25 A	1.7	2.0	-
	S-6	25.0-27.0'	8:05 A	8:35 A	1.7	1.8	-
	S-7	30.0-32.0'	8:05 A	8:35 A	.6	.7	-
	S-8	35.0-37.0'	9:26 A	9:56 A	.9	3.0	BMDL
	S-9	40.0-42.0'	9:26 A	9:56 A	1.2	2.3	-
	S-10	45.0-47.0'	9:26 A	9:56 A	.8	1.5	-
	S-11	50.0-52.0'	9:30 A	10:00 A	1.5	2.7	-
	S-12	55.0-57.0'	9:30 A	10:00 A	1.3	2.2	-
	S-13	60.0-62.0'	9:30 A	10:00 A	1.0	1.0	-
	S-14	65.0-67.0'	10:25 A	10:55 A	1.4	2.7	-
DGC-12I	S-1	33.0-35.0'	2:05 P	2:35 P	.8	2.2	2.0
	S-2	35.0-37.0'	2:05 P	2:36 P	.8	1.8	BMDL
	S-3	37.0-39.0'	2:09 P	2:37 P	.8	1.6	BMDL
DGC-12S	S-1	21.0-23.0'	11:05 A	11:35 A	1.2	6.0	-
	S-2	23.0-25.0'	11:06 A	11:36 A	1.2	3.6	-
	S-3	25.0-27.0'	11:07 A	11:37 A	1.2	4.8	-

PHOTOIONIZATION RESULTS
383-5-2973

GE Nott St. Remedial Investigation

HNU Systems Model PI-101 Photoionization Analyzer

Dates 6/19/84 Well Cluster 13

Boring	Sample Number	Sampling Depth	Time In	Time Out	Background Reading (ppm)	HNU Reading (ppm)	Draeger Tube Reading (ppm)
DGC-13	S-1	0.0- 2.0'	4:04 P	4:34 P	1.2	8.0	BMDL
	S-2	5.0- 7.0'	4:04 P	4:34 P	5.0	.8	BMDL
	S-3	10.0-12.0'	4:04 P	4:34 P	4.8	.9	-

Horizontal Hydraulic Conductivity

Field Results

Well I.D.	Test Type/No.	K cm/sec	K ft/day
3I	Bail/1	7.8×10^{-2}	2.2×10^{2}
3I	Slub/1	2.1×10^{-2}	6.0×10^{1}
3D	Bail/2	2.0×10^{-2}	5.6×10^{1}
3D	Slug/1	1.4×10^{-2}	3.8×10^{1}
4I	Bail/1	3.4×10^{-2}	9.8×10^{1}
4I	Slug/1	9.9×10^{-3}	2.8×10^{1}
4D	Bail/2	1.1×10^{-2}	3.1×10^{1}
4D	Slug/1	6.8×10^{-3}	1.9×10^{1}
5I	Slug/1	3.7×10^{-3}	1.1×10^{1}
5D	Bail/1	6.3×10^{-3}	1.8×10^{1}
5D	Slug/1	1.9×10^{-3}	5.5×10^{0}
8I	Bail/2	2.3×10^{-2}	6.4×10^{1}
8I	Slug/1	8.1×10^{-3}	2.3×10^{1}
8D	Bail/2	1.1×10^{-2}	3.2×10^{1}
8D	Slug/1	2.8×10^{-3}	7.9×10^{0}
10I	Bail/2	3.6×10^{-3}	1.0×10^{1}
10I	Slug/1	2.8×10^{-3}	8.0×10^{0}
10D	Bail/2	2.5×10^{-3}	7.1×10^{0}
10D	Slug/1	2.4×10^{-3}	6.9×10^{0}
11I	Bail/1	2.0×10^{-2}	5.6×10^{1}
11I	Slug/1	2.6×10^{-3}	7.4×10^{0}
11D	Bail/2	5.7×10^{-3}	1.6×10^{1}
11D	Slug/1	2.1×10^{-3}	5.8×10^{0}

Vertical Hydraulic Conductivity

Falling Head Field Test

Well I.D.	Depth of test (ft)	K (cm/sec)	K (ft/day)	Stratigraphic Unit
DGC 1D	64	3.3×10^{-3}	9.4	UGL
DGC 1I	46.5	1.8×10^{-5}	5.1×10^{-2}	GD
DGC 1S	28.1	4.6×10^{-4}	1.3	GD
DGC 2I	40.8	9.3×10^{-3}	2.6	GD
DGC 2S	25	6.4×10^{-5}	.18	GD
DGC 3D	58	1.8×10^{-3}	5.1	UGL
DGC 3I	40.5	4.8×10^{-4}	1.4	GD
DGC 3S	22	6.2×10^{-4}	1.8	GD
DGC 4S	12	6.9×10^{-5}	.20	GD
DGC 5D	50.5	2.3×10^{-5}	6.5×10^{-2}	GD
DGC 5I	45	4.1×10^{-3}	12	GD
DGC 5S	26	1.5×10^{-5}	4.3×10^{-2}	GD
DGC 6D	86	4.0×10^{-6}	1.1×10^{-2}	UGL
DGC 6I	49	2.8×10^{-5}	8.0×10^{-2}	GD
DGC 6S	30	2.0×10^{-2}	57	GD
DGC 7D	58	1.5×10^{-3}	4.3	GD
DGC 7I	50	1.9×10^{-4}	.54	GD
DGC 7S	30	3.8×10^{-5}	.11	GD
DGC 8D	85.5	6.2×10^{-6}	1.8×10^{-2}	UGL
DGC 8I	51	4.4×10^{-6}	1.2×10^{-2}	GD
DGC 8S	31	9.0×10^{-6}	2.6×10^{-2}	GD
DGC 9I	37	2.9×10^{-5}	8.2×10^{-2}	GD
DGC 9S	33	1.3×10^{-4}	.37	GD
DGC 10S	26	3.6×10^{-3}	10	GD
DGC 11D	74.5	3.7 x 10-6	1.0×10^{-2}	GD

Well I.D.	Depth of test (ft)	K (cm/sec)	K (ft/day)	Stratigraphic Unit
DGC 11I	46	1.5×10^{-3}	4.3	GD
DGC 11S	32	5.2×10^{-6}	1.5×10^{-2}	GD
DGC 12I	33	1.3×10^{-5}	3.7×10^{-2}	GD
DGC 12S	19	9.2×10^{-6}	2.6×10^{-2}	GD

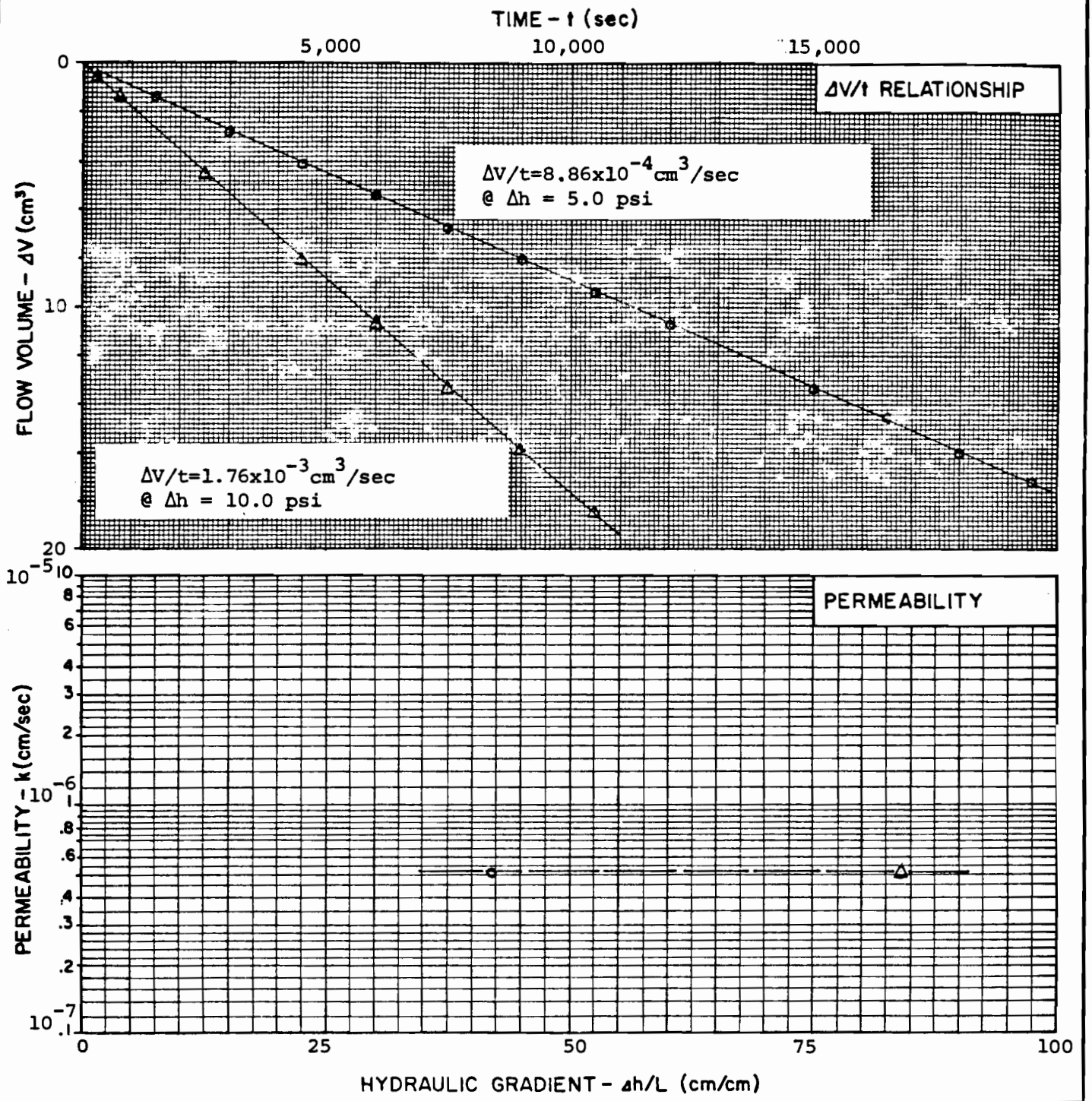
GD - Glaciodeltaic

UGL - Upper Glaciolacustrine

Mean (GD) = 1.6×10^{-3} cm/sec = 4.5 ft/day

Mean (UGL) = 1.3×10^{-3} cm/sec = 3.7 ft/day

Boring Number	Interval	Head (psi)	K_v (cm/sec)
DGC-14	102.5' - 104.5'	5.0	5.12×10^{-7}
	102.5' - 104.5'	10.0	5.10×10^{-7}
DGC-15	92.0' - 93.5'	0.4	1.66×10^{-4}
	Upper part of tube	1.0	1.79×10^{-4}
DGC-15	92.0' - 93.5'	1.0	1.18×10^{-5}
	Lower part of tube	2.0	1.23×10^{-5}



TEST DATA:

TYPE OF PERMEAMETER	Constant Head, Triaxial	
SPECIMEN HEIGHT (cm)	8.37	
SPECIMEN DIAMETER (cm)	7.24	
DRY UNIT WEIGHT (pcf)	100.3	
MOISTURE CONTENT BEFORE TEST (%)	28.0	
MOISTURE CONTENT AFTER TEST (%)	25.1	
MAXIMUM DRY DENSITY (ASTM D ____) (pcf)		
OPTIMUM MOISTURE CONTENT (%)		
CELL CONFINING PRESSURE (psi)	120.0	120.0
TEST PRESSURE (psi)	85.0	90.0
BACK PRESSURE (psi)	80.0	80.0
DIFFERENTIAL HEAD (psi)	5.0	10.0
PERMEABILITY (cm/sec)	5.12×10^{-7}	5.10×10^{-7}

SAMPLE IDENTIFICATION:
Boring No. DGC-14 (102.5'-104.5')

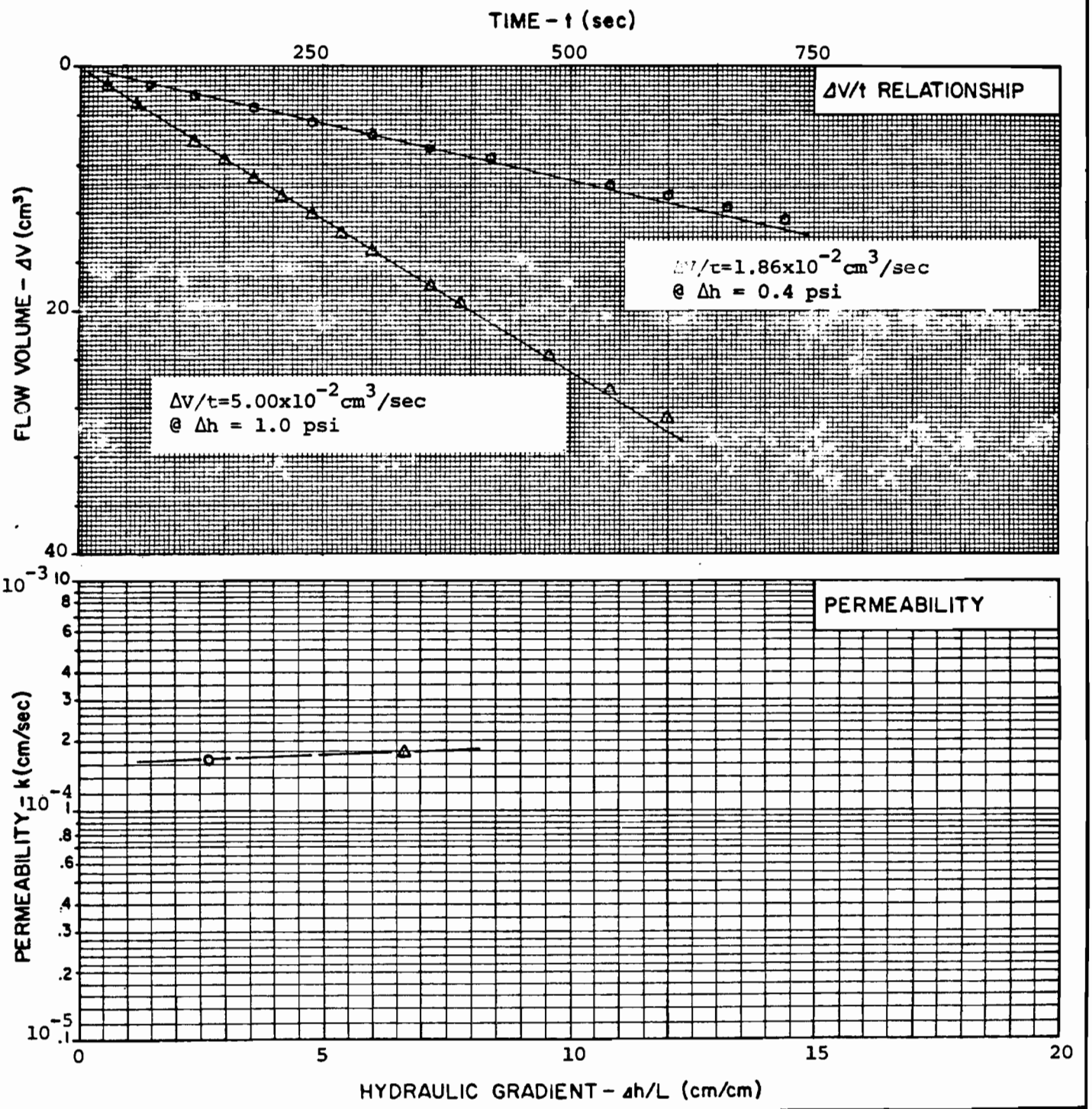
VISUAL DESCRIPTION: Grey SILT & CLAY, seams of fine Sand. Partially cemented

EMPIRE SOILS INVESTIGATIONS, INC.

PERMEABILITY TEST REPORT

GENERAL ELECTRIC, NOTT STREET SITE
MOREAU, NEW YORK

DATE: Sept. 1984 | PROJ. NO. GT-84-96



TEST DATA:

TYPE OF PERMEAMETER	Constant Head, Triaxial	
SPECIMEN HEIGHT (cm)	10.52	
SPECIMEN DIAMETER (cm)	7.30	
DRY UNIT WEIGHT (pcf)	104.7	
MOISTURE CONTENT BEFORE TEST (%)	24.6	
MOISTURE CONTENT AFTER TEST (%)	22.7	
MAXIMUM DRY DENSITY (ASTM D ____) (pcf)		
OPTIMUM MOISTURE CONTENT (%)		
CELL CONFINING PRESSURE (psi)	120.0	120.0
TEST PRESSURE (psi)	80.4	81.0
BACK PRESSURE (psi)	80.0	80.0
DIFFERENTIAL HEAD (psi)	0.4	1.0
PERMEABILITY (cm/sec)	1.66×10^{-4}	1.79×10^{-4}

SAMPLE IDENTIFICATION:
Boring No. DGC-15 (92.0'-93.5')
Upper Part of Tube

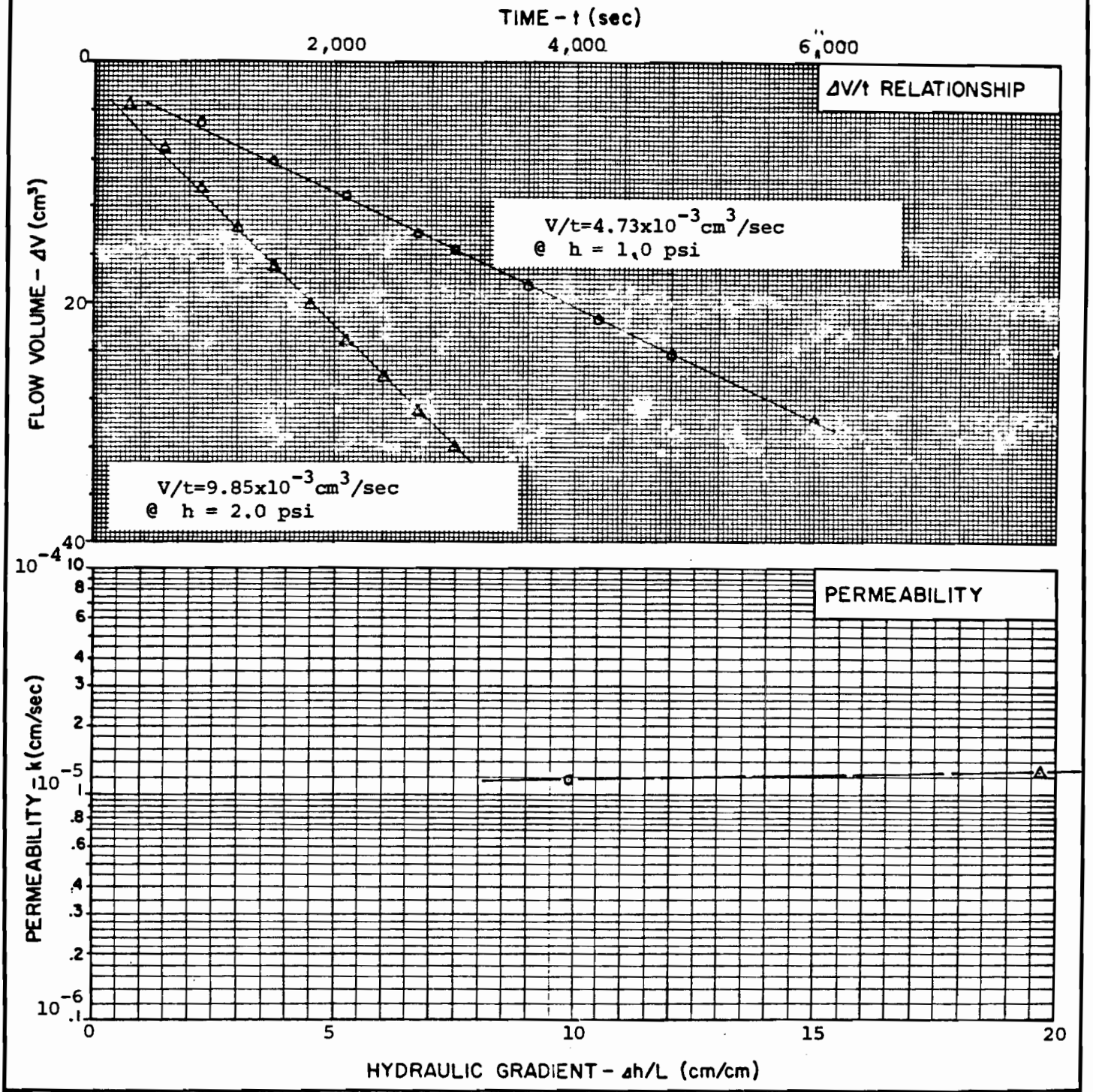
VISUAL DESCRIPTION: Fine Grey SAND

EMPIRE SOILS INVESTIGATIONS, INC.

PERMEABILITY TEST REPORT

GENERAL ELECTRIC, NOTT STREET SITE
MOREAU, NEW YORK

DATE: Sept. 1984 | PROJ. NO.: GT-84-96



TEST DATA:

TYPE OF PERMEAMETER	Constant Head, Triaxial	
SPECIMEN HEIGHT (cm)	7.12	
SPECIMEN DIAMETER (cm)	7.19	
DRY UNIT WEIGHT (pcf)	108.3	
MOISTURE CONTENT BEFORE TEST (%)	21.3	
MOISTURE CONTENT AFTER TEST (%)	20.4	
MAXIMUM DRY DENSITY (ASTM D ____) (pcf)		
OPTIMUM MOISTURE CONTENT (%)		
CELL CONFINING PRESSURE (psi)	120.0	120.0
TEST PRESSURE (psi)	81.0	82.0
BACK PRESSURE (psi)	80.0	80.0
DIFFERENTIAL HEAD (psi)	1.0	2.0
PERMEABILITY (cm/sec)	1.18×10^{-5}	1.23×10^{-5}

SAMPLE IDENTIFICATION:
Boring No. DGC-15 (92.0'-93.5')
Lower Part of Tube

VISUAL DESCRIPTION: Grey SILT, partially cemented, fissured

EMPIRE SOILS INVESTIGATIONS, INC.

PERMEABILITY TEST REPORT

GENERAL ELECTRIC, NOTT STREET SITE
MOREAU, NEW YORK

DATE: Sept. 1984 | PROJ. NO.: GT-84-96

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY . . . . . SCHENECTADY, NEW YORK 12345
Phone (518) 385-2211

TURBINE BUSINESS GROUP

May 2, 1984

Ms. Nancy Stewart
ERCO/Energy Resources Co., Inc.
Environmental Sciences Division
205 Alewife Brook Parkway
Cambridge, Mass. 02138

Dear Nancy:

Attached is the New York State Department of Health procedure for the analysis of volatile organic compounds in soil. As I mentioned, the only change is in the sample container - samples are now collected in the standard 40 ml. vials used for water samples. Consequently, the hole in the block heater has to be enlarged a bit.

Please call me just as soon as you have had an opportunity to review the procedure.

Sincerely yours,

D. W. MAGEE, Manager
Environmental Quality Planning

DWM/aeo

cc: D. T. Clark, Dunn Geoscience
T. L. Collins

TENTATIVE 5/83

Volatile Halo-organics in Soil — TENTATIVE

1. SCOPE AND APPLICATION:

1.1 This method is applicable to the determination of the following compounds in soil:

chloroform
trichloroethene
tetrachloroethene
1,1,1-trichloroethane
1,1,2-trichloroethane,
Carbon tetrachloride
Benzene *
Toluene *
Xylenes *
Chlorotoluenes

* Will be purged and trapped but must be measured with a photoionization detector.

1.2 The method may be extended to other compounds. However, verification for each additional compound is necessary.

1.3 The source of the sample may pose varying levels of difficulty. The analyst is encouraged to validate the method with the soil type being tested. The use of this method is recommended with this understanding.

2. SUMMARY OF METHOD

Halo-organics are liberated from soil by pumping air through a closed vessel containing the sample which is heated at 130°C. The halo-organics are adsorbed on Porapak-N, then eluted wityh methanol. The eluate is analyzed by gas chromatography using either an electron capture or a

halogen specific detector.

3. INTERFERENCES

The technique described may liberate compounds from the soil samples in addition to those which are specified. The additional compounds detected will depend upon the volatility of the substance as well as a number of other factors. The analyst must be aware of these potential interferences and take the necessary steps to eliminate or minimize them.

4. APPARATUS AND MATERIALS

4.1 Glass tubes with septum closures and crimp tops

4.2 Pyrex tubing - 1/4'' O.D.

4.3 Steel bellows pump - model MB41, Metal Bellows Corp., Sharon, MA., (including 1/4'' male pipe thread to 1/16'' Swagelok fitting) ~ $300

4.4 Block heater

4.5 Swagelok fittings - various sizes

4.6 Soft steel tubing 1/16'' O.D.

4.7 Gas chromatograph equipped with electron capture detector or halogen specific detector

4.8 Test tubes - 5 or 10 ml, graduated at 0.1 ml intervals

4.9 Glass syringe - 10 µl, 100 µl

4.10 Volumetric flasks - 10 ml

4.11 Vials (2 ml) and septum lined crimp caps

4.12 Porapak N - 80/100 mesh, Analabs Inc., North Haven, CT.

4.13 Column packings

4.13.1 Carbopack B, 60/80 mesh with 1% SP-1000 packed in an 8 ft x 0.1 in. I.D. stainless steel or glass column with helium carrier gas at 40 ml/min flow rate. Column temperature held at 45°C for 3 min., programmed at 8°C/min to 220°C held for 18 minutes - Halogen Specific

4.13.2 15% SF-96 and 6% OV-225 on Chromosorb WAW-DMCs, 6' x 1/4'' O.D. glass column, argon/methane carrier gas at 30 ml/min., 60°C isothermal - Electron Capture

5. REAGENTS, SOLVENTS AND STANDARDS

5.1 Nitrogen or Helium - H.P.

5.2 Hydrogen - UHP

5.3 Methanol - nanograde

5.4 Sea sand

5.5 Standard

Obtain ''neat'' standards of compounds of interest from appropriate commercial vendors. Purity of each compound should be 95% or greater

5.6 Standard Stock Solutions

5.6.1 Prepare standard stock solutions every four weeks

5.6.2 Place about 9.8 ml of methyl alcohol into a ground glass stoppered 10 ml volumetric flask.

5.6.3 Allow the flask to stand unstoppered about 10 minutes or until all alcohol wetted surfaces have dried.

5.6.4 Weigh the flask to the nearest 0.1 mg.

5.6.5 Using a 100 µl syringe, immediately add 2 or 3 drops of the standard to the flask, then reweigh. Be sure that the drops fall directly into the alcohol without contacting the neck of the flask.

5.6.6 Dilute to volume, stopper, then mix by inverting the flask several times

5.6.7 Transfer the solution to a dated and labelled 15 ml screw cap bottle with a Teflon cap liner

NOTE: Because of the toxicity of many of the compounds, it is recommended that primary dilutions be prepared in a hood. It is further recommended that a NIOSH approved toxic gas respirator be used when the analyst handles high concentrations of such materials

5.6.8 Calculate the concentration from the net gain in weight. Calculate the concentration taking into account the percent purity of the original standard compound.

5.6.9 Store the solution at 4°C

5.7 Mixed Standard Solution

It is suggested that the individual stock solutions be diluted into a combined working solution in the range of 1-10 ng/µl, depending upon the detector used and the limit of detection desired.

6. CALIBRATION

The working solution prepared in 5.7 can be used to either prepare a calibration curve or to bracket the samples by either injecting varying volumes or by preparing additional concentrations of analytes.

7. QUALITY CONTROL

7.1 On each day that samples are purged a blank consisting of approxiately 10 grams of sand and a spike (10 g sand plus compounds of interest at appropriate concentrations) are purged, trapped and eluted.

7.2 The methanol used for elution should be checked by GC using the same conditions as those for sample analyses.

7.3 Periodically a Porapak-N adsorption tube is eluted with methanol to check for contamination.

8. SAMPLE HANDLING AND PRESERVATION

Soil samples are collected in glass tubes which are sealed with septum closures and crimp caps immediately after sampling. Tubes should be iced or refrigerated at 4°C until analysis. Analysis should commence as soon as possible after collection.

9. PROCEDURE

9.1 Preparation of adsorption tubes - fill a 12'' section of 1/4'' glass tubing with Porapak-N and condition at 180°C for about 18-24 hours with nitrogen or helium flowing through the tube. The conditioned Porapak-N is used to prepare the adsorption tubes. The adsorption tubes are 6'' lengths of 1/4'' glass tubing filled with 1 to 1-1/4''. of packing material placed between two plugs of glass wool (see figure 1). Adsorption tubes should be washed with MeOH (30 ml) by slow suction and conditioned at 180°C for 30 minutes with gas flowing through them before and after each use. Tubes may be re-used until discoloration occurs or until recoveries decrease.

9.2 Purge, Trap, and Elution of Samples

9.2.1 Weigh the tube containing sample while still sealed with septum and cap. Record weight.

9.2.2 Place tube in a tube heater at 130°C. Immediately pierce the septum with two stainless steel needles connected to a recirculating pump with a Porapak-N adsorption tube in-line. This now constitutes a completely closed system. To help guard against water build-up of the Porapak-N, it is required that the system be fitted with a water trap such as a Tekmar, 5 ml sparge

chamber. (See figure 2)

9.2.3 Purge for 30 minutes

9.2.4 Remove the adsorption tube from the recirculating system and clamp in place over a 5 or 10 ml graduated tube. Add methanol and collect eluate to a volume of 1.5 ml, vial the eluate in a crimp cap vial.

9.2.5 The purged sample tubes are emptied and re-weighed with the corresponding septum and cap. The sample weight is obtained by difference (9.2.1-9.2.5)

9.3 Analyze the blank, spike, and sample eluates by gas chromatography (4.1.3). Compare chromatograms to those of standards for compound identification.

10. CALCULATIONS

Calculate the concentration of analyte in soil using the following formula:

$$\text{Concentration in Soil } \mu g/g = \frac{A}{B} \times \frac{C}{D} \times \frac{1.5}{E}$$

A = Area (or peak height) of sample

B = Area (or peak height) of standard

C = ng of standard

D = Volume sample injected

E = Weight of sample (grams)

Report results as µg/g, wet weight

11. RFFERENCES

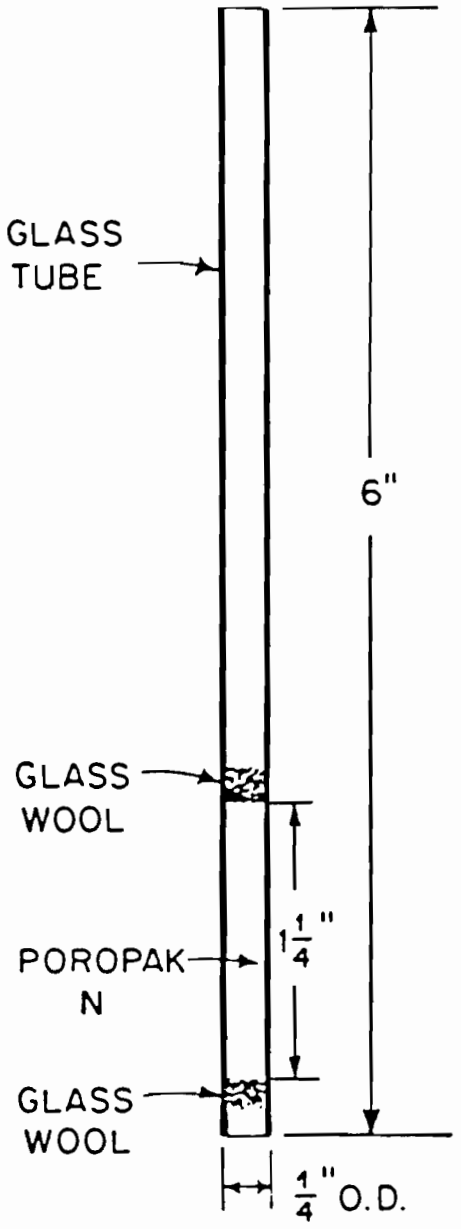
Narang, R.S., Bush, B., Determination of Arenes, Vinyl Chloride and Other Volatile Halo-Organic Compounds in Water at Microgram per Liter Levels by Gas Chromatography, Anal. Chem. 1980, 52, 2076-2079. Requested from Main Lib 5/27/83

Narang, R.S., Manuscript in Preparation.

Implemented: April 1983

FIGURE 1.

ADSORPTION TUBE



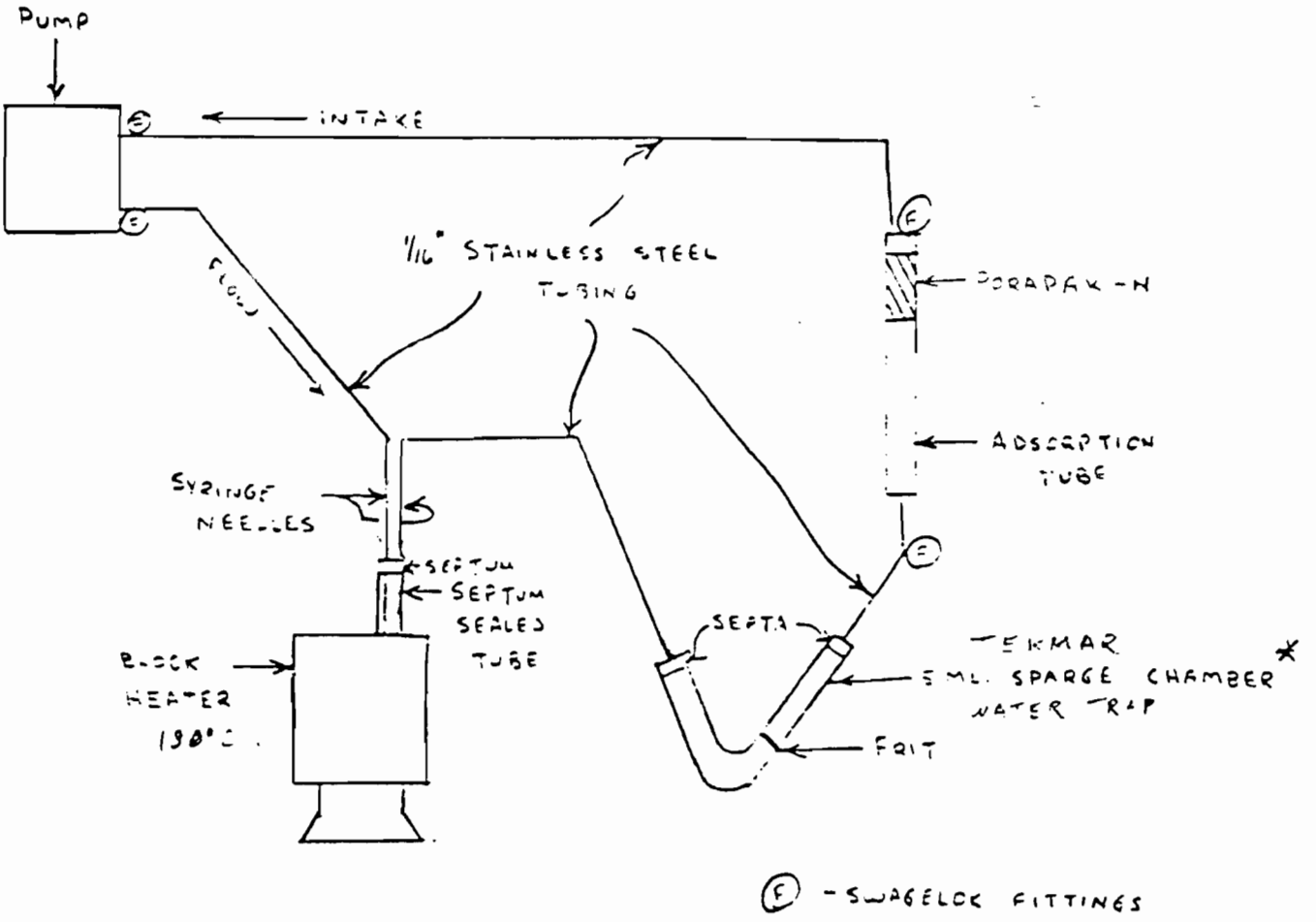
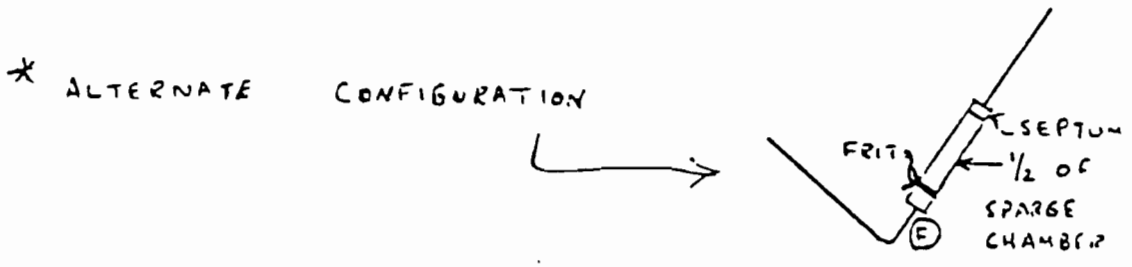


FIGURE 2

CLOSED LOOP STRIPPING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

RECEIVED
OCT 3 1984
T. L. COLLINS

September 28, 1984

Mr. T.L. Collins, Manager
Environmental Quality and
Resource Planning
General Electric Company
Building 300-1, Nott St. Plant
Schenectady, New York 12345

Dear Mr. Collins:

We have reviewed your company's August 14, 1984 submittal regarding the soil sampling program to be conducted under the remedial investigation your company is performing pursuant to administrative order number II-CERCLA-30301. This program is substantially that discussed by Wayne Pierre of my staff with you, Wally Magee of your staff, Ray Cowen of the New York Department of Environmental Conservation and Sander Bonvell of Dunn Geoscience. We agree that Sections A, C, D and E represent a phase II sampling effort if in addition to the proposed work, samples are also collected at 75 feet and 100 feet along transects numbered 1 through 4 on the Lewis' driveway. This will encompass the area designated as "O" on the map enclosed with your August 14, 1984 submittal. This will also eliminate the need for sampling grid "O" as requested in your proposal.

Duplicate analyses on a minimum of 10 percent of the samples run with the McGraw-Edison PCB Test Kit should be performed and 10 percent of the samples should also be analyzed via a laboratory GC. This will assist in determining the reproducibility of the data using the test kit. We agree with the alternative location P' for P.

Therefore, with the modifications stated above, we approve the proposal for soil sampling at the GE Moreau site as presented in the August 14, 1984 letter.

Sincerely yours,

Robert W. Ogg, P.E., Chief
Site Investigation & Compliance
Branch

cc: Norman Nosenchuck

GENERAL ELECTRIC COMPANY
Schenectady, New York

Protocols for Sampling Domestic Wells at the Caputo Site, Town of Moreau, for Purgeable Organics; Sample Preservation; Chain of Custody; and Shipment.

This protocol follows the applicable procedures in sections 2.6.3, 9.9.1, 12.1.1, 12.5.1, 12.5.2, 12.6 and Chapters 15 and 16 in EPA 600/4-82-029, "Handbook for Sampling and Sample Preservation of Water and Wastewater" USEPA, September 1982.

1. Use only clean pre-numbered 40 ml vials, septa and caps.

2. Establish the sampling location at the closest faucet to the pump before the water receives any treatment. (If no pre-treatment tap is available, have one installed). Details of each system, to the extent possible, will be documented in the field notes.

3. Wipe the faucet lip with a clean rag and discard rag.

4. Let the water run to waste to clear the lines, pressure tank and sampling tap.

5. Collect two samples each in 40 ml vials after the flow has been reduced to minimize agitation and aeration. Fill the vials so that there is no head space after the cap is screwed down. The teflon septa should only be handled with clean disposable gloves.

6. Record the sample number on the sample log and on a 2 x 2 inch piece of paper with water-proof ink.

7. Place the bottles and the paper in a "ziplock" bag and then in an iced chest.

8. After all samples are collected fill out a laboratory chain of custody form and a lab instruction form. Lock the forms in the chest for delivery to a qualified laboratory, following chain of custody protocol.

General Electric
GE Moreau Off-Site Project
Proposed Soil Sampling Sites

The following proposed soil sampling locations were discussed at a site inspection on August 6, 1984. Present at this meeting were Wayne Pierre (USEPA), Ray Cowen (NYSDEC), Wally Magee and Leo Collins (GE) and Sander Bonvell (DGC).

Several of the locations were originally submitted to GE from EPA in an informal, handwritten format. References to these sites will be noted at the end of each section description.

Sections A, C, D and E represent EPA phase II sampling. The major road or path is transected down the middle. Every 50 feet in length a sample will be collected along the middle line and at points 25 and 50 feet perpendicular to this line and on each side of it. Exceptions are asphalted roads (section C) in which case no sample will be collected along the middle line.

Samples will be taken at a depth of approximately 6 inches below the "original" grade of 1960. In most cases that will also be the present grade. Where there is question concerning grade, split spoon samples will be taken to differentiate, if and where possible, different soil strata.

Soil samples will be collected with a small hand shovel or hand auger and washed between sites with detergent water.

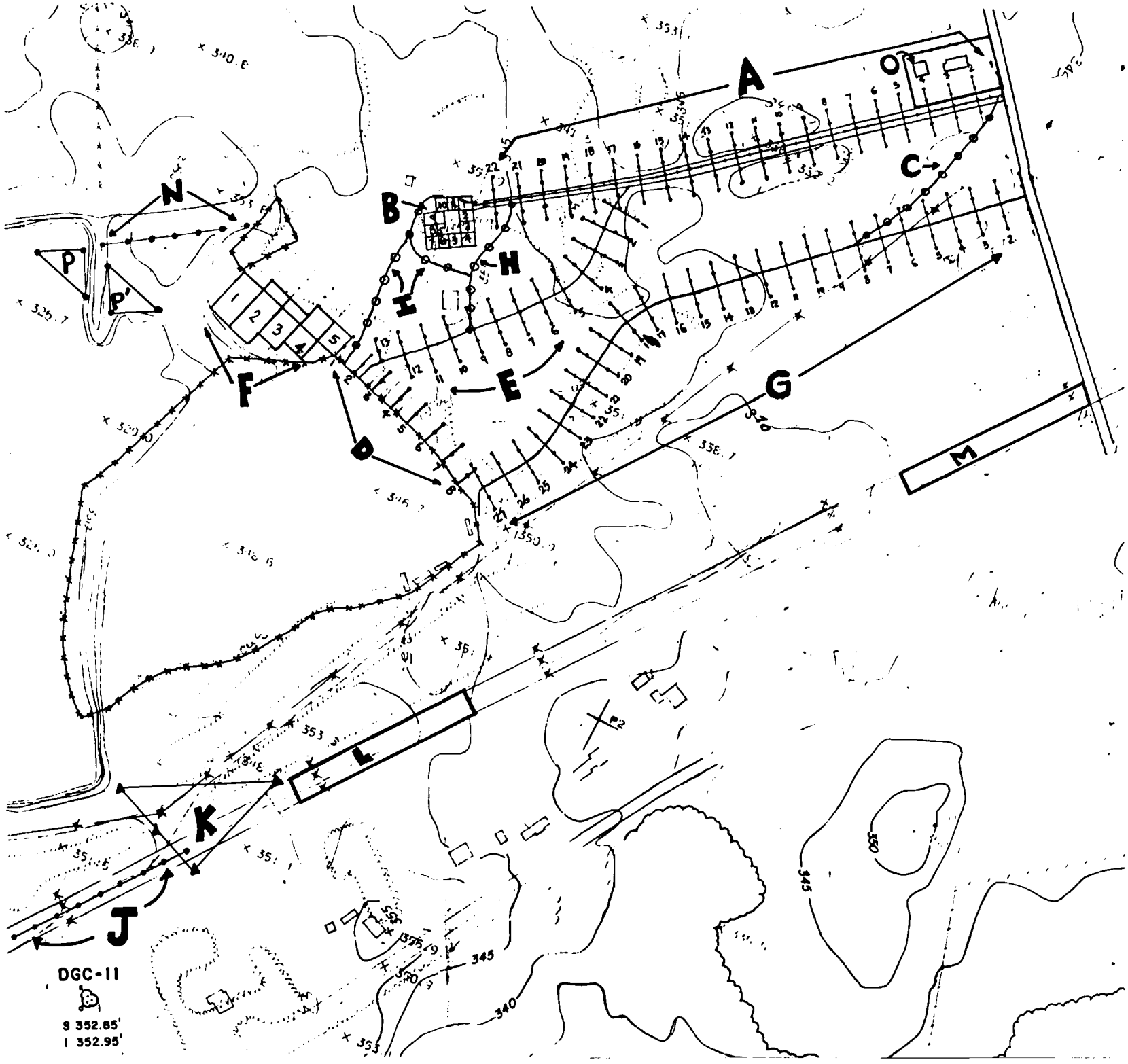
Soil samples will be analyzed in the field or at the Dunn Geoscience Corporation laboratory by Dunn personnel using the McGraw-Edison PCB Test Kit supplied by General Electric. A minimum of 10% of the samples will be sent to a laboratory for confirmation by gas chromatography.

A minimum of two and a maximum of four field personnel will be involved in this program depending upon whether kit analysis is performed in the field or at the Dunn laboratory. Two people will stake the sites and sample the soils.

Section	Description
A	Lewis' driveway originating from Ft. Edward Road and extending to the house. Transected/Phase II; modification of original reference nos. 2-6.
B	Lewis' house. 50 foot grids parallel the sides of the house.
G	Present access road from Ft. Edward Road to Caputo site. Transected/Phase II.
D	Along the east fence of the Caputo site; originating from the northeast corner near the slurry ponds and extending to the gate adjacent to the NYSDEC trailer. Samples will be collected along or near the fence every 50 feet and then at 25 and 50 feet perpendicular to the fence in the eastward direction only.
E	Represents old access road connecting Lewis' driveway and the Caputo site near the northeast corner of the site at the bentonite storage area adjacent to the slurry ponds. Transected/Phase II.
F	From southwest corner of old barrel storage area extending to northeast corner of Caputo site fence. Variable sized grids between 25 and 100 feet on a side, dictated by vegetation.
C	Narrow, but worn, path extending from NMPC right of way. Samples collected every 50 feet along center line.
H	Old pathway extending from Lewis' driveway a short distance east of Lewis' house to the old access road. Samples collected every 50 ft. along the center line.
I	Pathways and open areas leading from/to Lewis' house. From an extension of the driveway just north of the house, extending to the west around the back of the house. Behind the house the path forks. One leg (western) leads through an open area to the northeast corner of the Caputo site fence. The other leg (eastern) leads around the south side of the house bisecting path H at a point approximately halfway between Lewis' house and old garage.
J	Along center line of NMPC right of way, southern leg, north of properties 36 and 39 on Moreau tax map. Composite samples taken every 50 feet for 400 feet extending southwest from the northeast corner of property 36. Reference original number 10.
K	Composite of following tax map locations: southwest corner of property 35; southeast corner of property 35; northeast corner of property 36; and a point at the general area of the southwest intersection of the two western legs of the NMPC right of way. Reference original number 7.

Section	
L	Rectangular grid extending northeast from the southeast corner of property 35 along the NMPC right of way for 400 feet. Width is width of right of way. Reference original number 8.
M	Rectangular grid extending southwest of Fort Edward Road on NMPC right of way for 400 feet. Width is width of right of way. Reference original number 9.
N	Composite of soil sampled every 50 feet along a line parallel to the northwest boundary of property 35 and 50 ± 25 feet south of said boundary. Modification of original reference number 11.
O	Rectangular grid of tax map property 25. Reference original number 1.
P	Composite of the corners and center of a triangle formed by a point 50 ± 25 feet south of the northwest corner of property 35 (along its western boundary), extending 100 feet parallel to the northern boundary and 100 feet along the eastern boundary of property 13. Modification of original reference number 12.
P'	Composite of center and corners of triangle formed by a point 50-100 feet south of the northwest corner of property 35 and along its western boundary, extending 100 feet south along this western boundary and then 100 feet perpendicular to the east from this latter point.

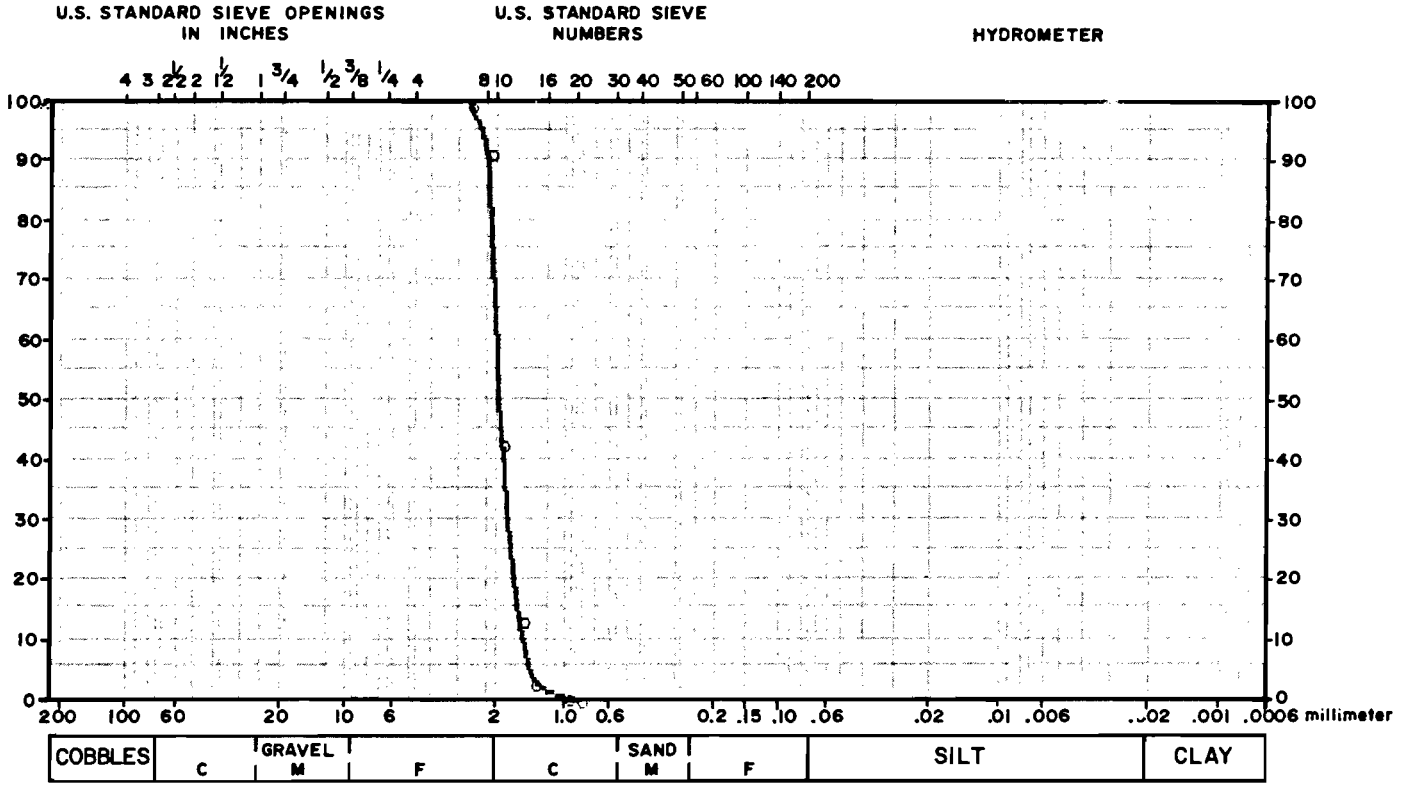
Notes: Sites O and P are original EPA recommended grid locations. We suggest the elimination of sampling grid O due to the overlap of sampling sites from section A. We also suggest the replacement of triangular grid P with P' to bring sampling into an appropriately flat area of more importance.


A
B
C
D
E
F
G
H
H'
J
K
L
M
N
O
P
P'
1
2
3
4
5
DGC-11
S 352.85'
I 352.95'

Dunn Geoscience Laboratory
5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC - NOTT ST.
LAB NUMBER: 12821 DATE RECEIVED: 5/3/84
TEST BY: JWH DATE TESTED: 5/3/84
REVIEWED BY: DATE REPORTED: 5/8/84
SAMPLE DESCR: WELL PACK SAND

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	8	.07	99.93	-			
-	0.00	0.00	-	10	7.60	92.33	-			
-	0.00	0.00	-	12	49.06	43.26	-			
-	0.00	0.00	-	14	29.02	14.25	-			
-	0.00	0.00	-	16	10.89	3.36	-			
-	0.00	0.00	-	20	3.00	.36	-			
-	0.00	0.00	-	25	.20	.16	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = .2%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

JMV

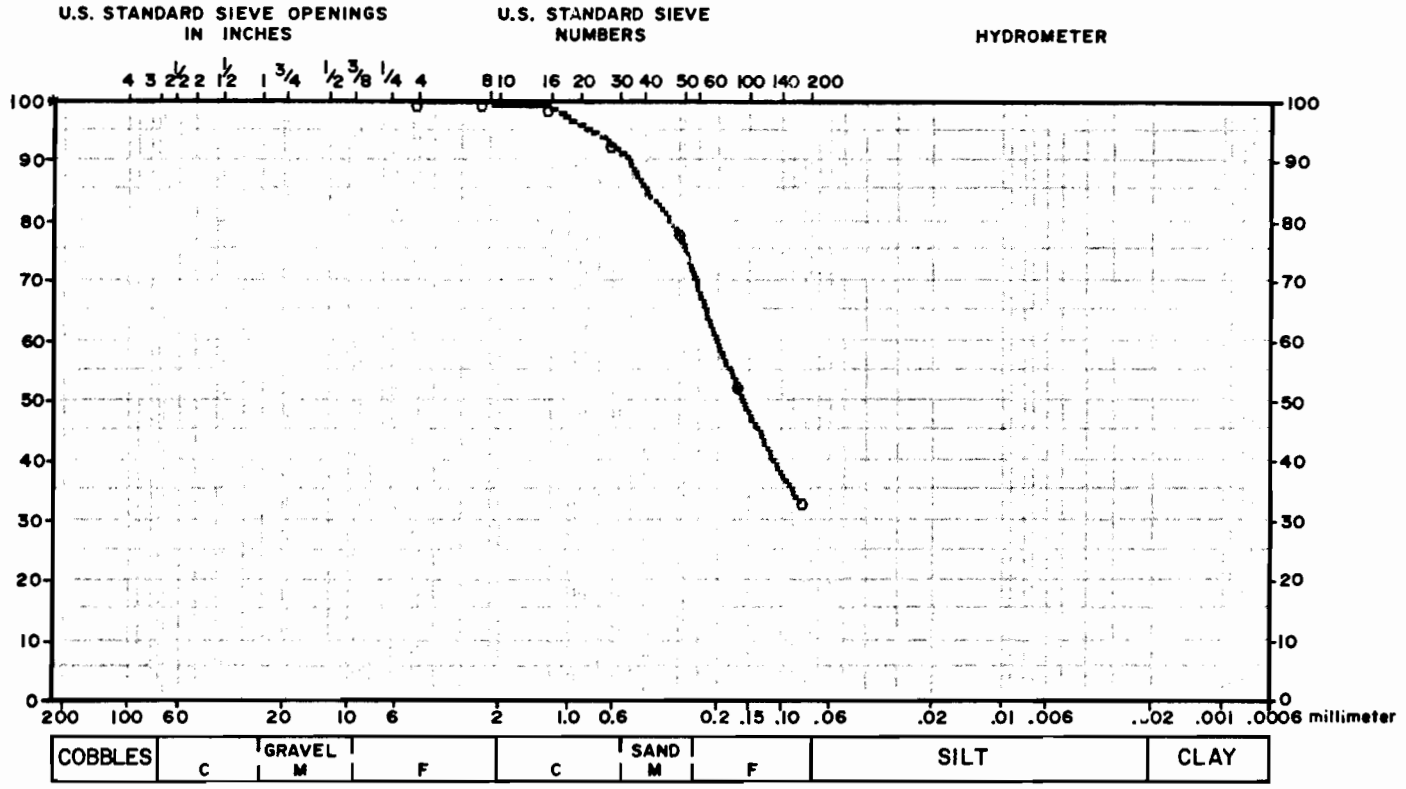
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

del

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12903 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MJZ DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-1 S-16 30.0'- 32.0'

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	4	0.00	100.00	-			
-	0.00	0.00	-	8	.13	99.87	-			
-	0.00	0.00	-	16	.83	99.04	-			
-	0.00	0.00	-	30	5.58	93.45	-			
-	0.00	0.00	-	50	15.08	78.37	-			
-	0.00	0.00	-	100	25.35	53.02	-			
-	0.00	0.00	-	200	19.90	33.12	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 33.1%
WASH LOSS = 29.7%

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

JMC

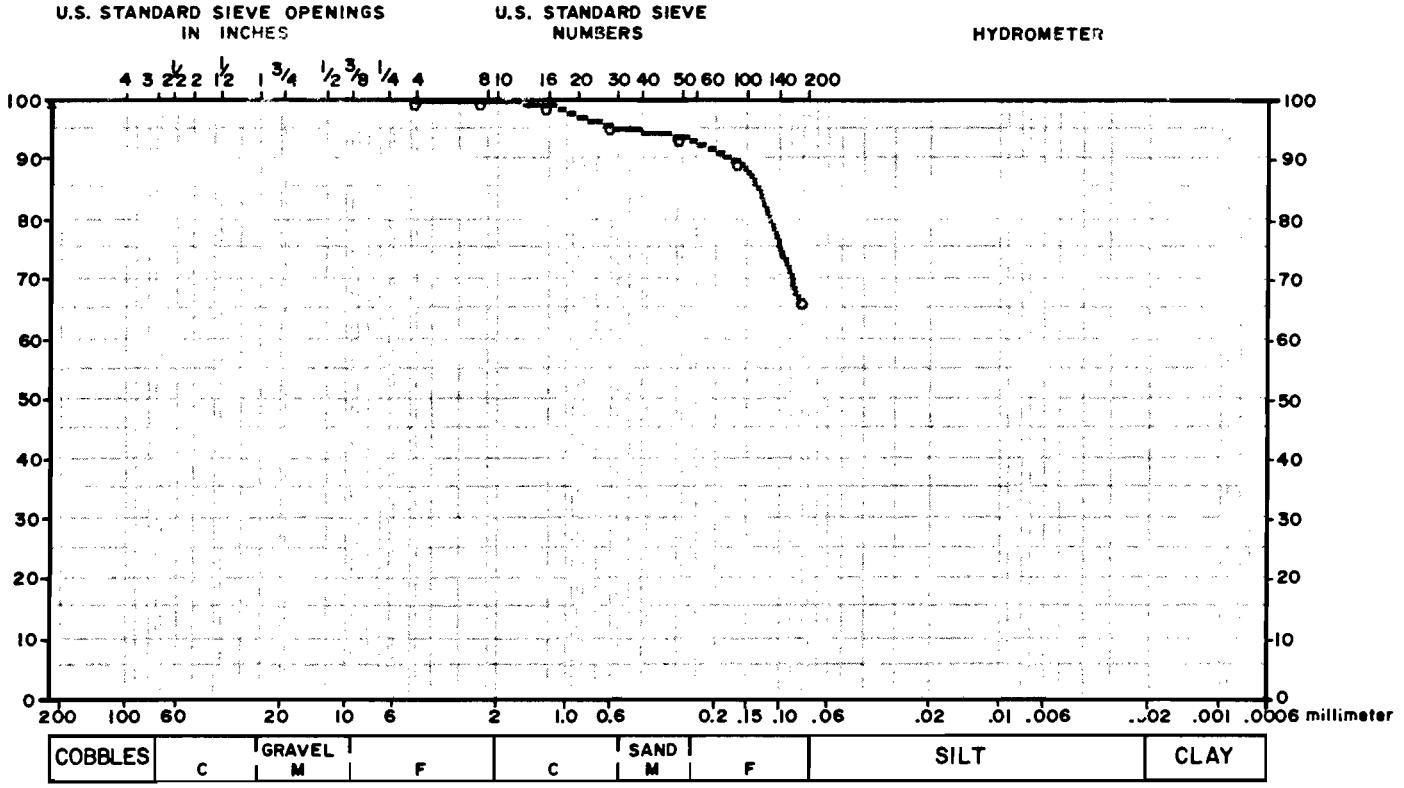
4 pgs

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12904 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/9/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 1 S-34 66'-68'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.42	99.58	-
30	3.61	95.97	-
50	1.84	94.13	-
100	3.82	90.30	-
200	23.92	66.38	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 66.4%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

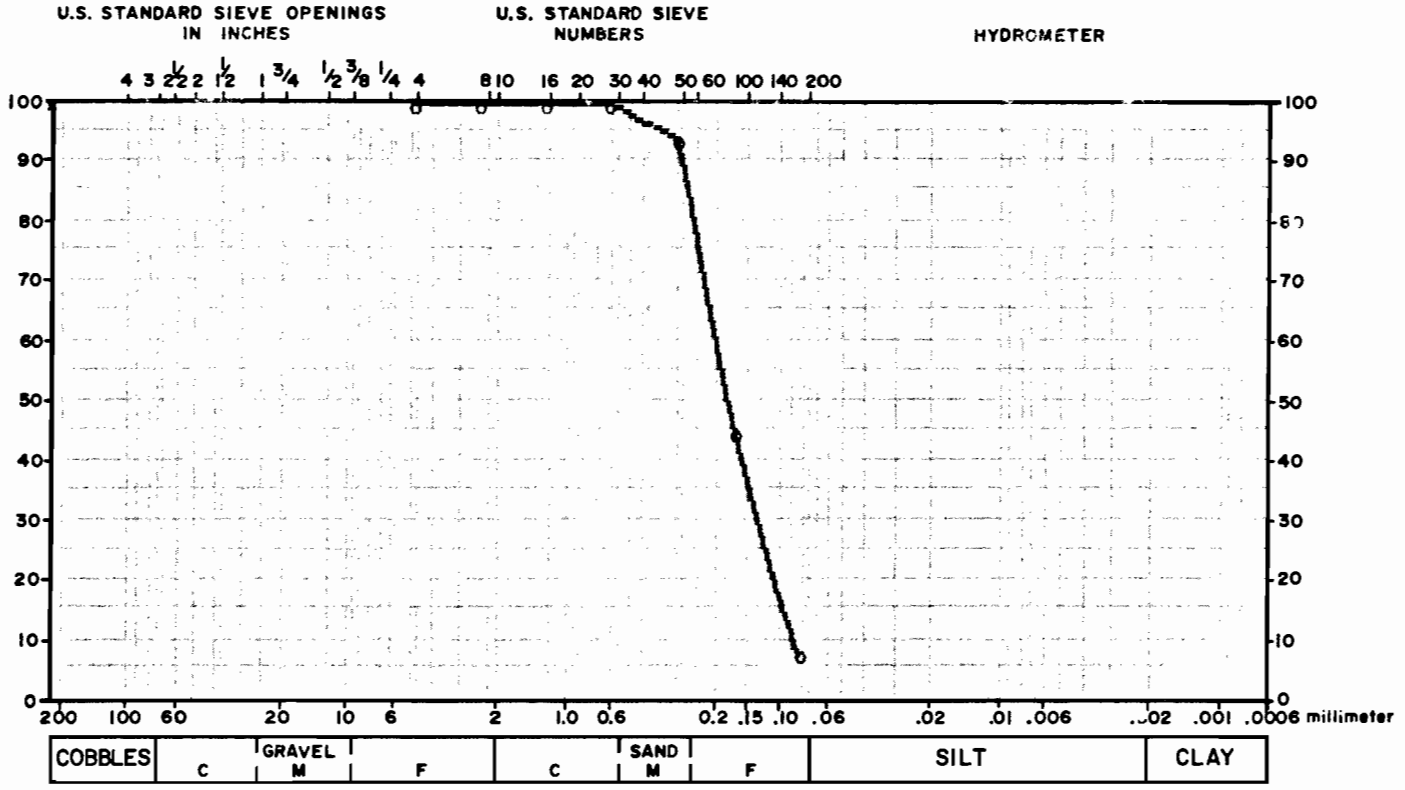
JMT

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12905 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/9/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 1I S-2 47.0' - 49.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.04	99.96	-
30	.08	99.88	-
50	5.59	94.29	-
100	48.90	45.39	-
200	37.24	8.15	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 8.1%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

JMU

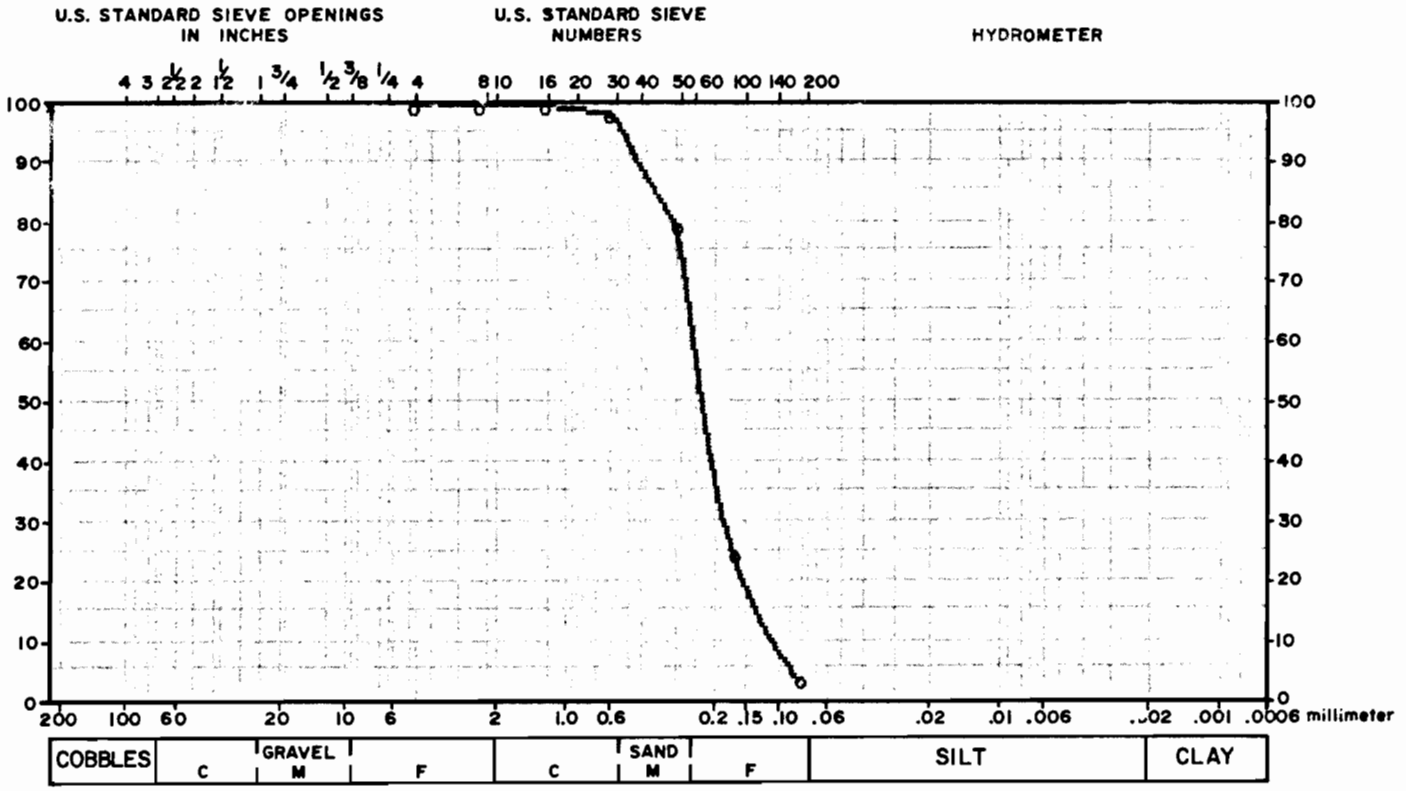
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

dal

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12906 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/9/84
REVIEWED BY: MJ3 DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 1S S-1 26' - 28'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.14	99.86	-
30	1.14	98.72	-
50	18.56	80.16	-
100	54.92	25.24	-
200	21.17	4.07	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 4.1%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

JMU

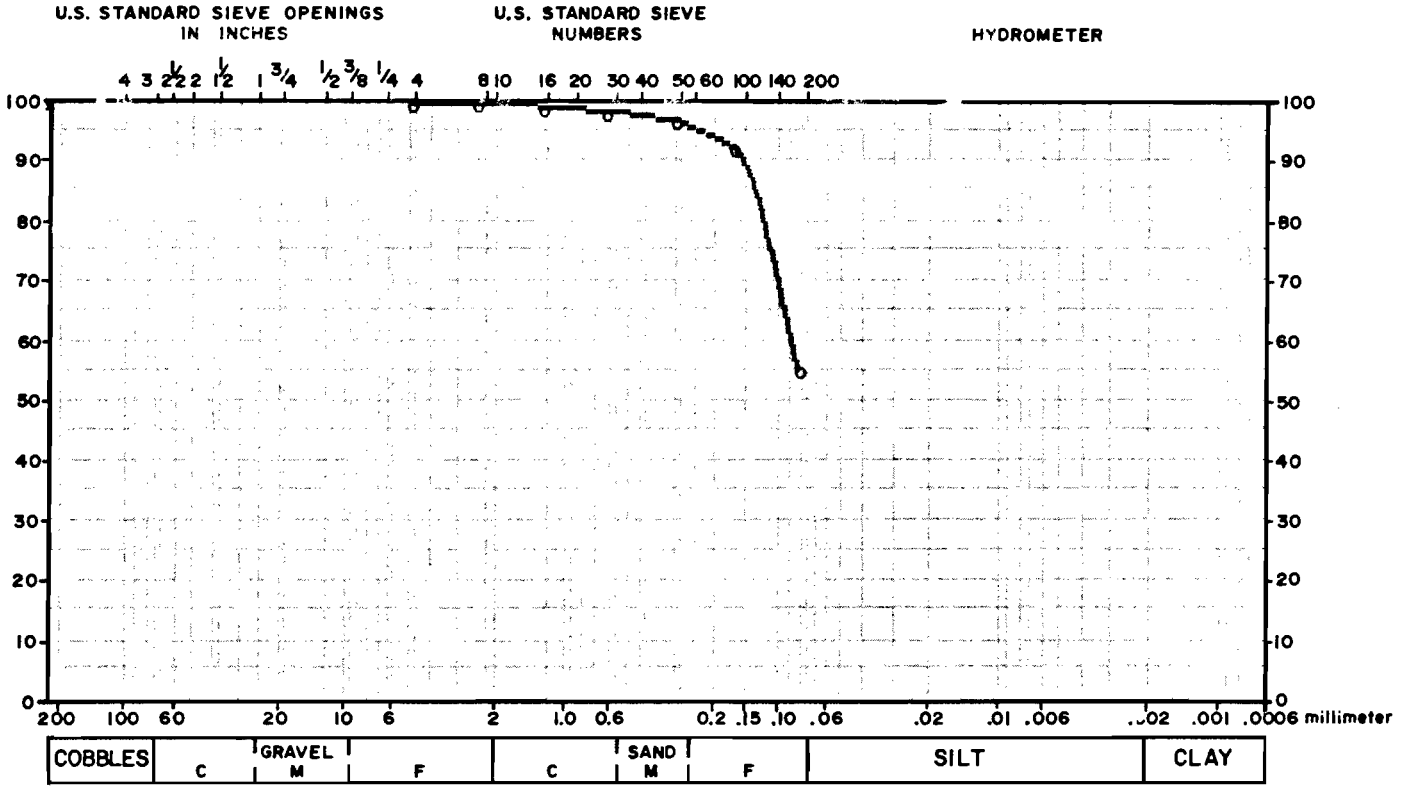
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

Jel

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12907 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/9/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 2 S-32 62.0'- 64.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.42	99.58	-
30	.85	98.73	-
50	1.59	97.14	-
100	4.18	92.96	-
200	37.94	55.03	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 55.0%
WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

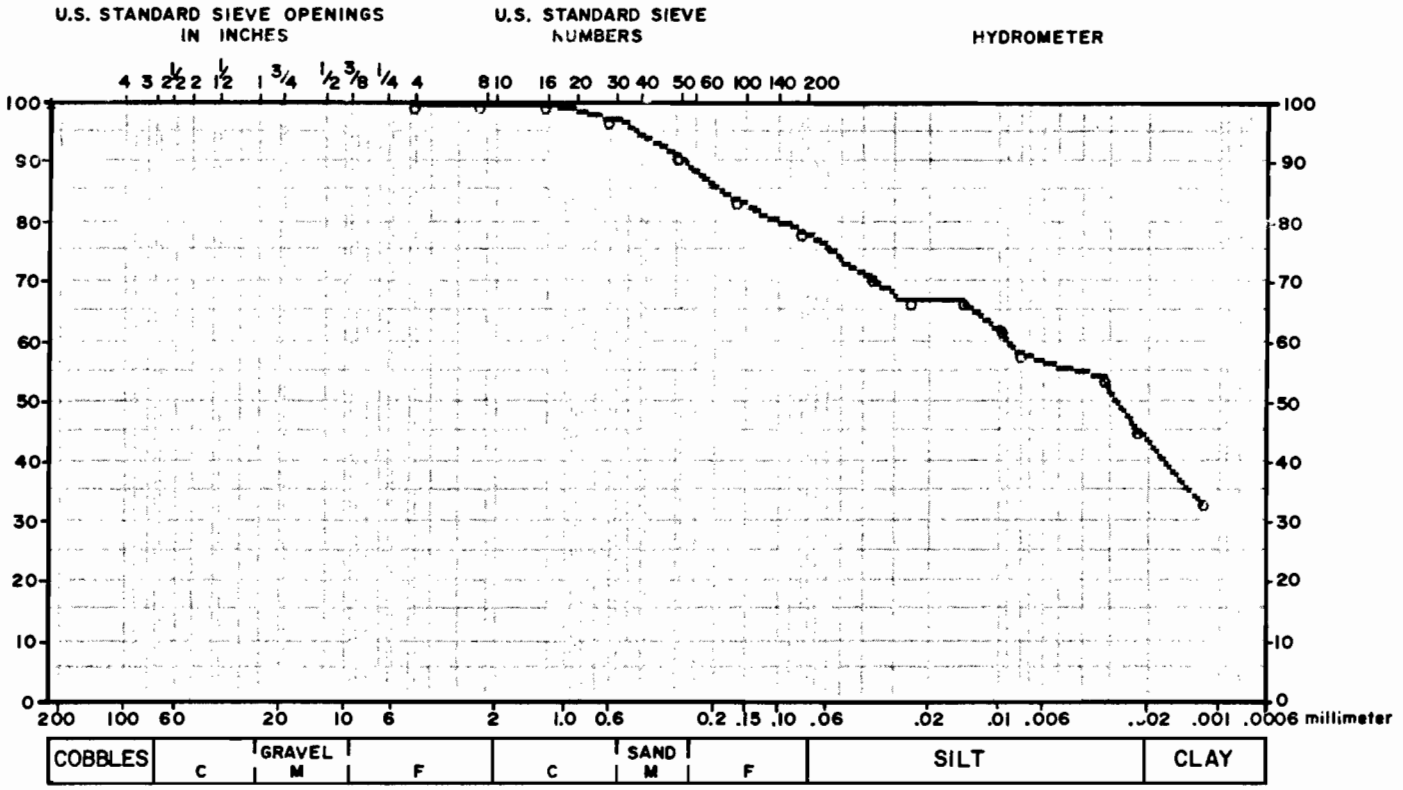
JMH

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12908 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/18/84
REVIEWED BY: MJ DATE REPORTED: 7/25/84
SAMPLE DESCR: BORING DGC-2 S-38 74.0'- 76.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	2.40	97.60	-
50	6.01	91.58	-
100	7.62	83.97	-
200	5.01	78.96	-
-	0.00	0.00	-

PAN = 79.0%
WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
.036	71.36	-
.023	67.16	-
.013	67.16	-
.009	62.97	-
.007	58.77	-
.003	54.57	-
.002	46.18	-
.001	33.58	-

SPECIFICATION: ASTM C-136 ASTM D-422

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

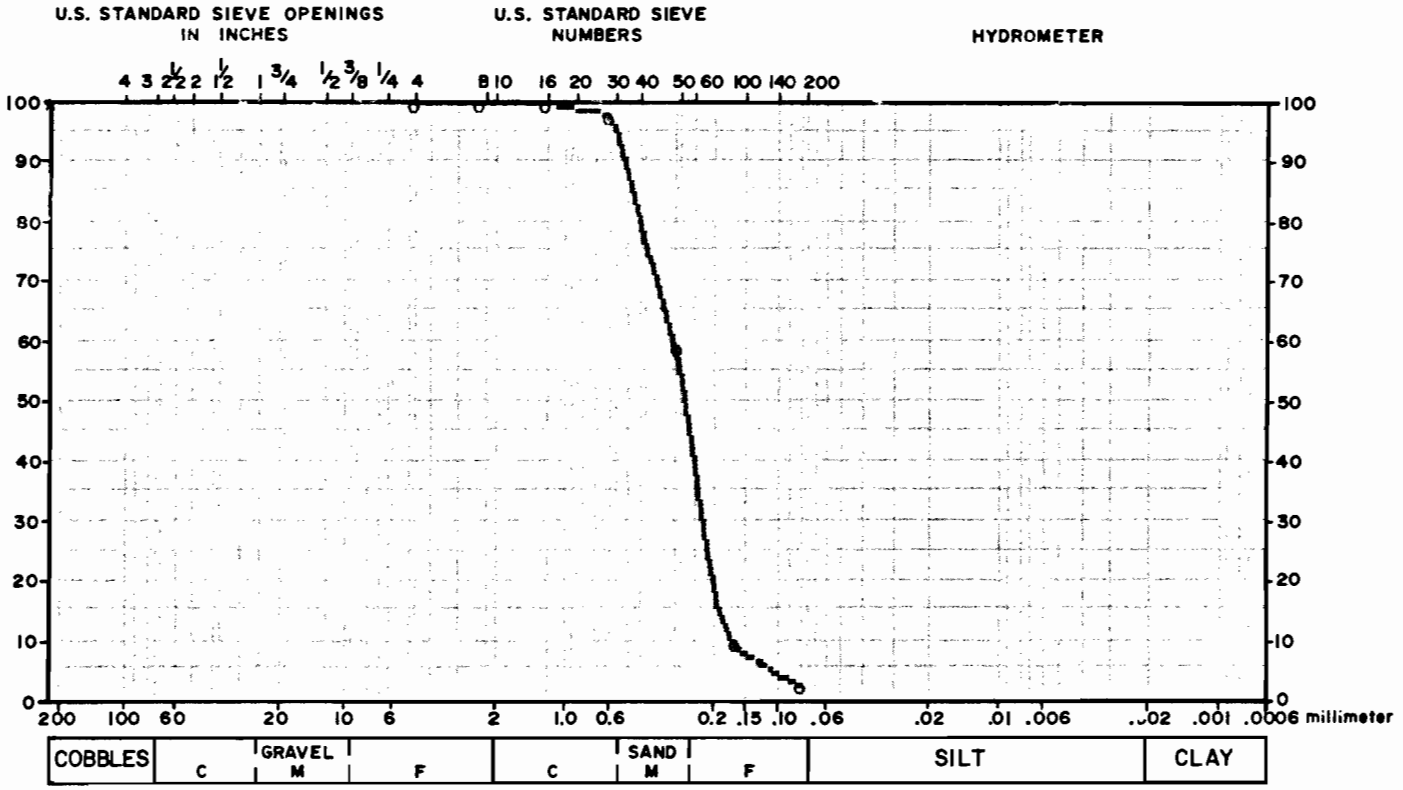
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

dl

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12909 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/9/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 21 S-2 43.0' - 45.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.05	99.95	-
30	1.87	98.08	-
50	38.47	59.62	-
100	49.42	10.20	-
200	7.30	2.90	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 2.9%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

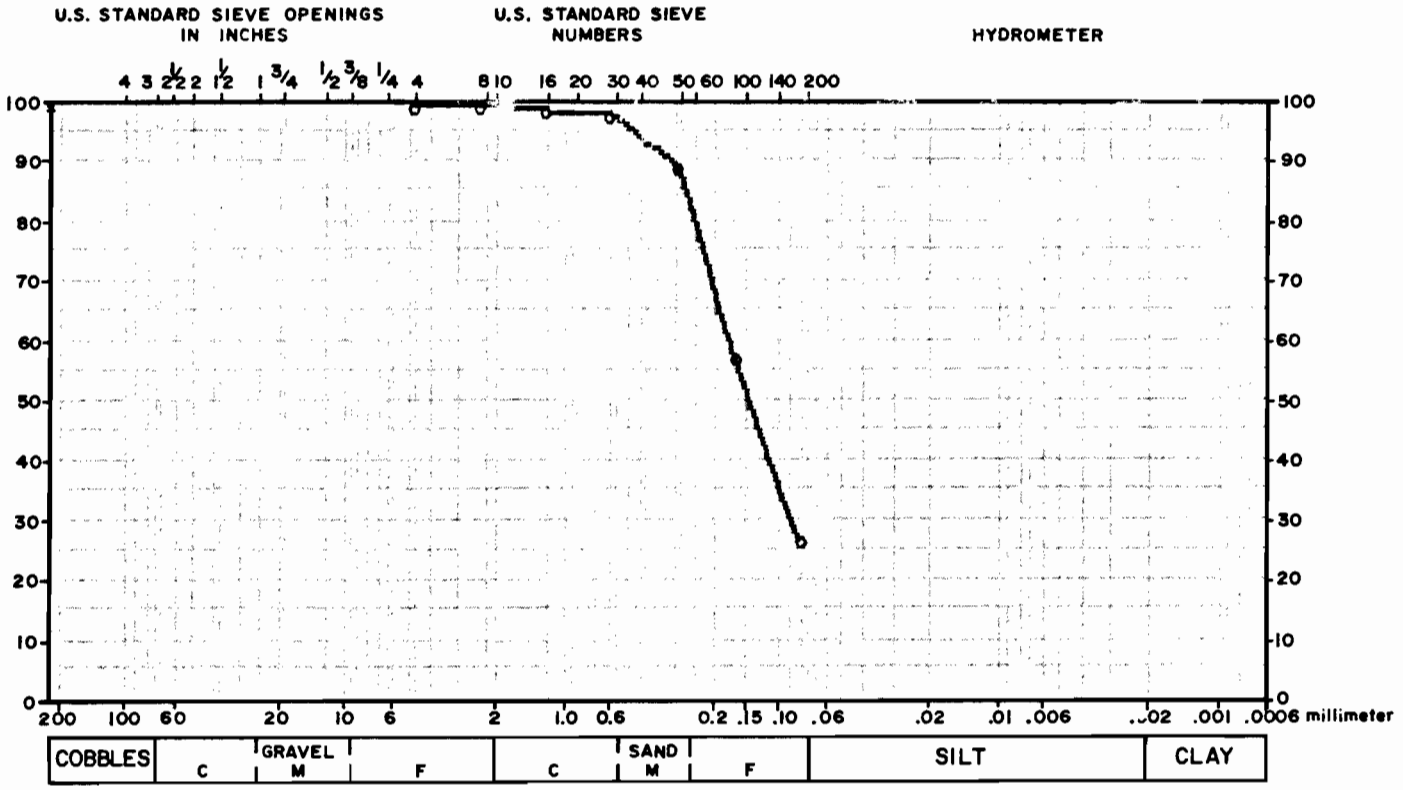
JNL

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY NOTT STREET		
LAB NUMBER:	12910	DATE RECEIVED:	7/5/84
TEST BY:	JWH	DATE TESTED:	7/9/84
REVIEWED BY:	MJZ	DATE REPORTED:	7/10/84
SAMPLE DESCR:	BORING DGC 2S S-1 24.0'- 26.0'		

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	1.00	99.00	-
30	.60	98.41	-
50	8.12	90.28	-
100	32.19	58.10	-
200	30.54	27.55	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 27.6%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE

NOTES: NONE

JMU

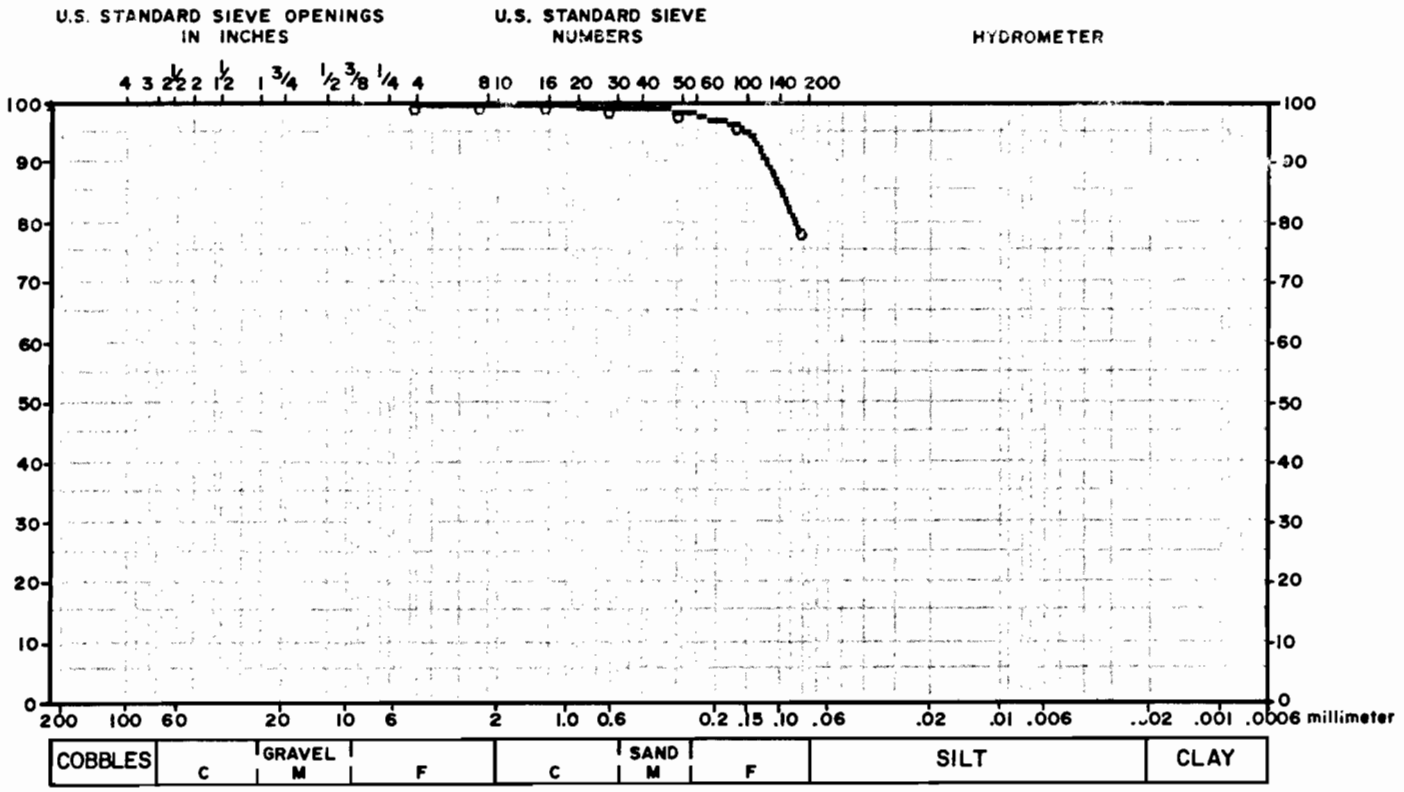
trans

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12911 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MJ 3 DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-3 S-12 55.0'- 57.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.21	99.79	-
30	.21	99.57	-
50	.64	98.93	-
100	2.14	96.78	-
200	18.01	78.78	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 78.8%
WASH LOSS = 57.6%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

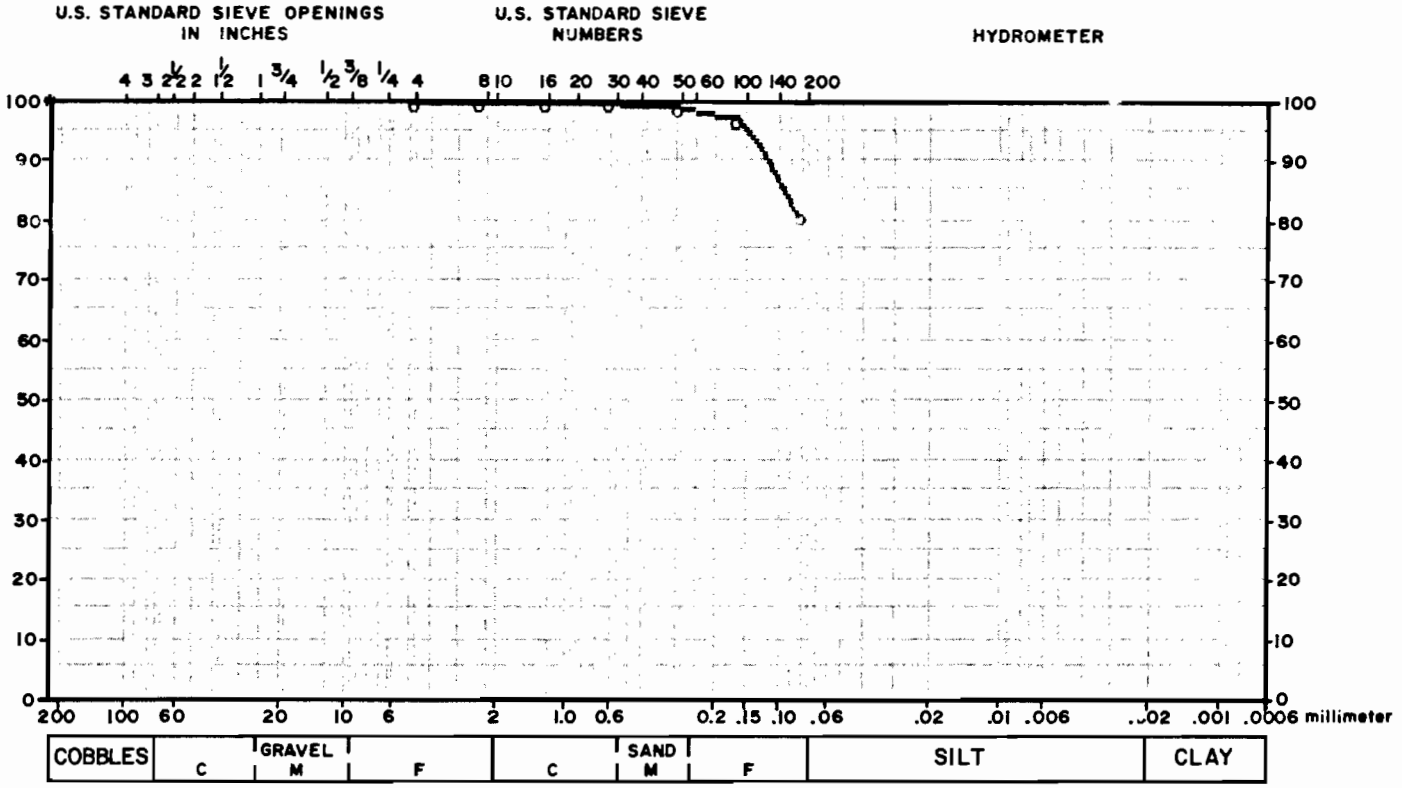
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

Frank

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12912 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MZ DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-3 S-14 60.0'- 62.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	.27	99.73	-
50	.69	99.04	-
100	2.03	97.01	-
200	16.47	80.54	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 80.5%
WASH LOSS = 69.3%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

JMT

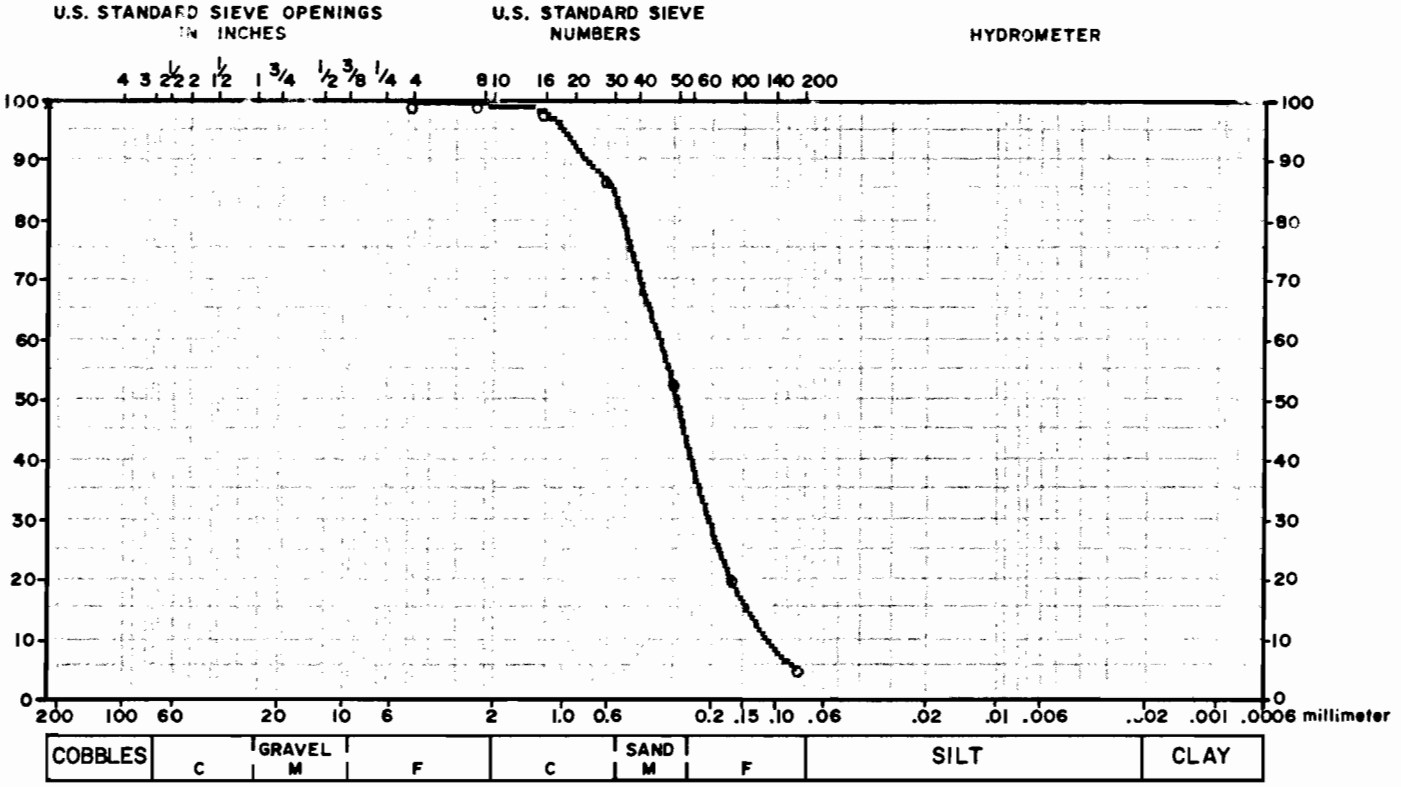
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

delta

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12913 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/10/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC-31 S-2 42.0' - 44.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.12	99.88	-
16	.99	98.89	-
30	11.34	87.55	-
50	34.29	53.26	-
100	32.54	20.72	-
200	15.67	5.05	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 5.1%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

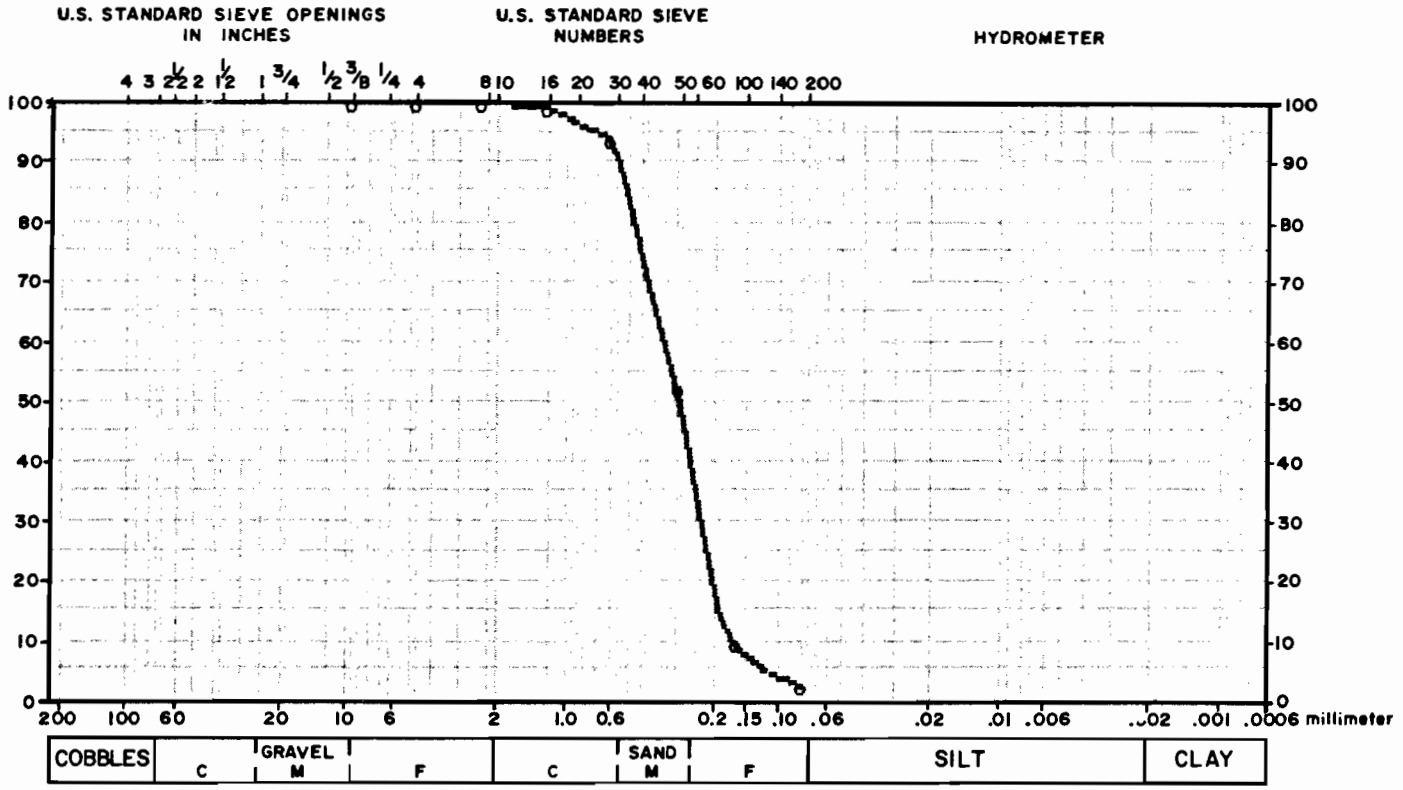
JMH

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY		NOTT STREET
LAB NUMBER:	12914	DATE RECEIVED:	7/5/84
TEST BY:	JWH	DATE TESTED:	7/10/84
REVIEWED BY:	MBJ	DATE REPORTED:	7/10/84
SAMPLE DESCR:	BORING DGC 3S S-1		25.0' - 27.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	0.00	100.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	.12	99.88	-
8	0.00	99.88	-
16	.42	99.46	-
30	5.42	94.04	-
50	41.63	52.41	-
100	42.23	10.18	-
200	7.50	2.68	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 2.7%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE

NOTES: NONE

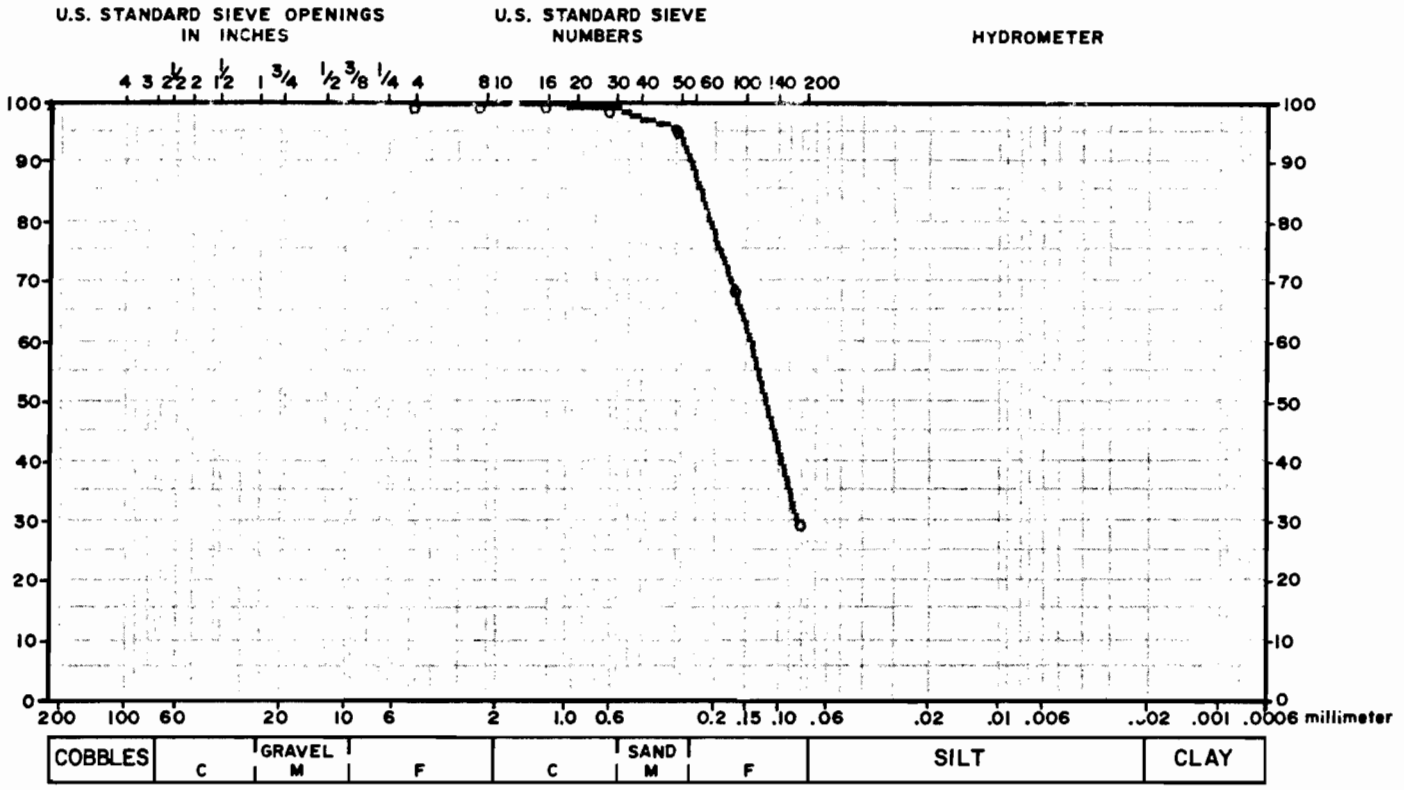
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

del

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12915 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/10/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC - 4 S-9 40.0' - 42.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.21	99.79	-
30	.31	99.48	-
50	3.58	95.90	-
100	26.60	69.30	-
200	39.32	29.97	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 30.0%
WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

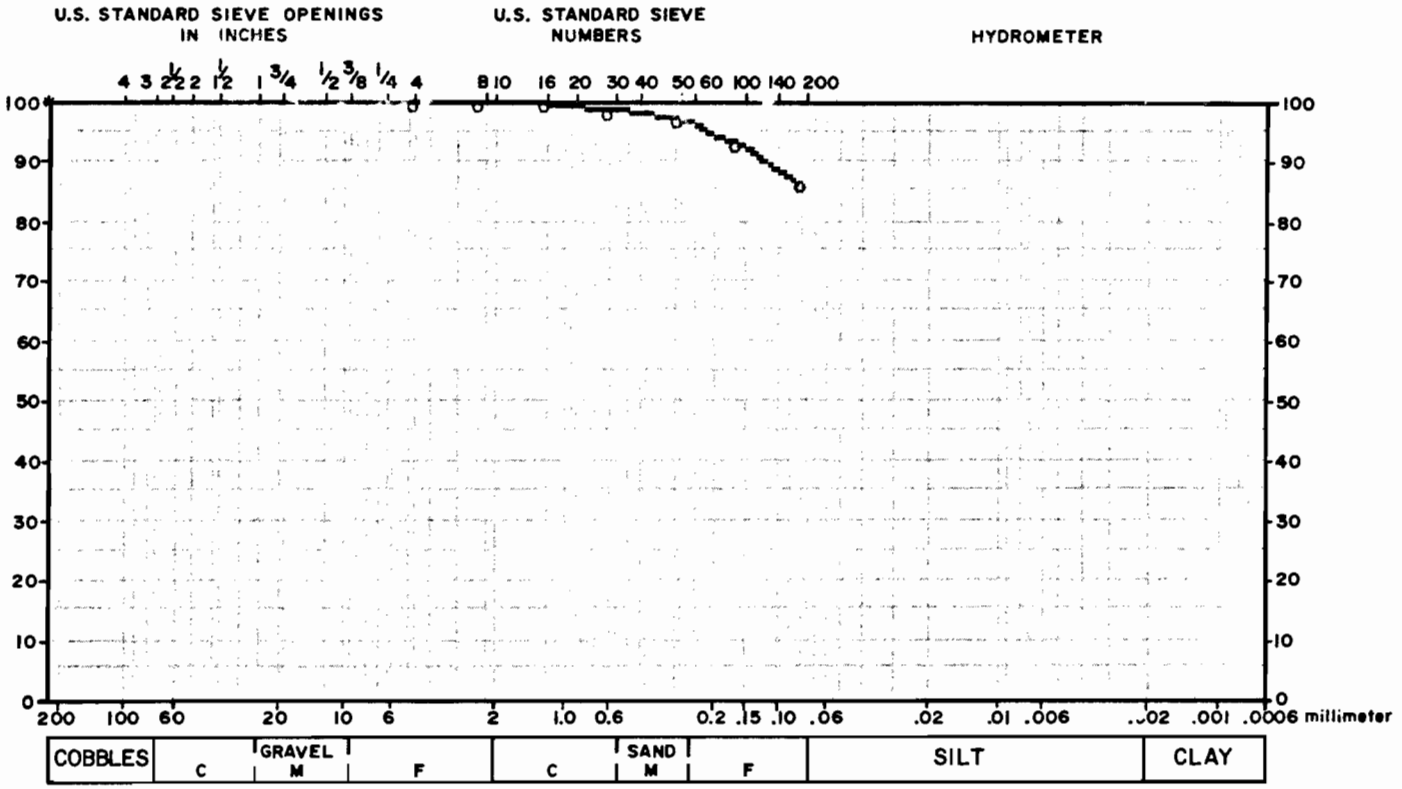
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

trans

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12916 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MJ3 DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-4 S-12 46.0'-48.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.08	99.92	-
16	.23	99.69	-
30	.92	98.78	-
50	1.60	97.17	-
100	3.74	93.43	-
200	7.64	85.79	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 85.8%
WASH LOSS = 84.7%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

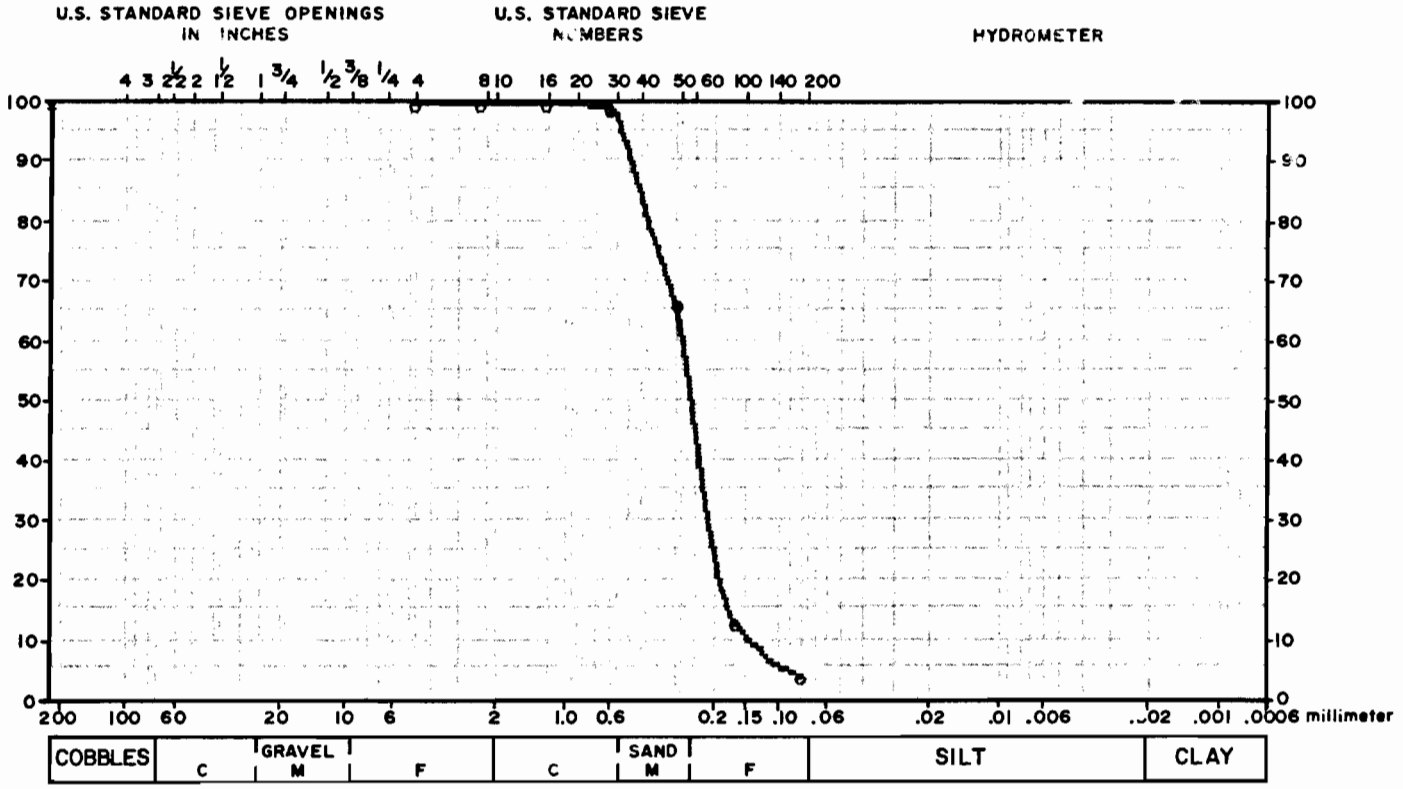
TMT

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12917 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/10/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 41 S-1 29.0' - 31.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	.40	99.60	-
50	32.93	66.67	-
100	53.07	13.60	-
200	9.77	3.83	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 3.8%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136

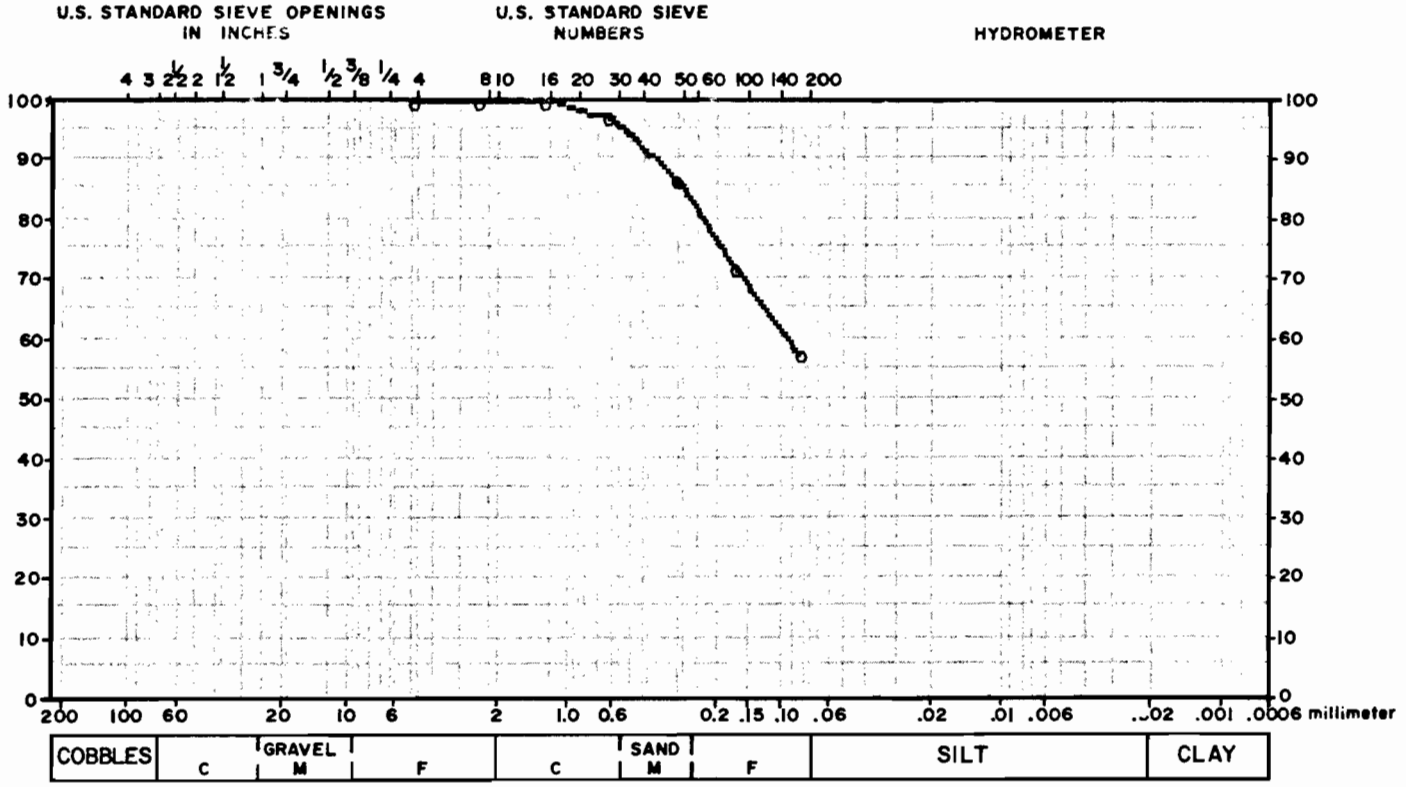
TEST STANDARD: NONE
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12918 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/16/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 4 S, S-1, 12.0'-14.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	2.99	97.01	-
50	10.32	86.68	-
100	14.39	72.30	-
200	14.76	57.54	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 57.5%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

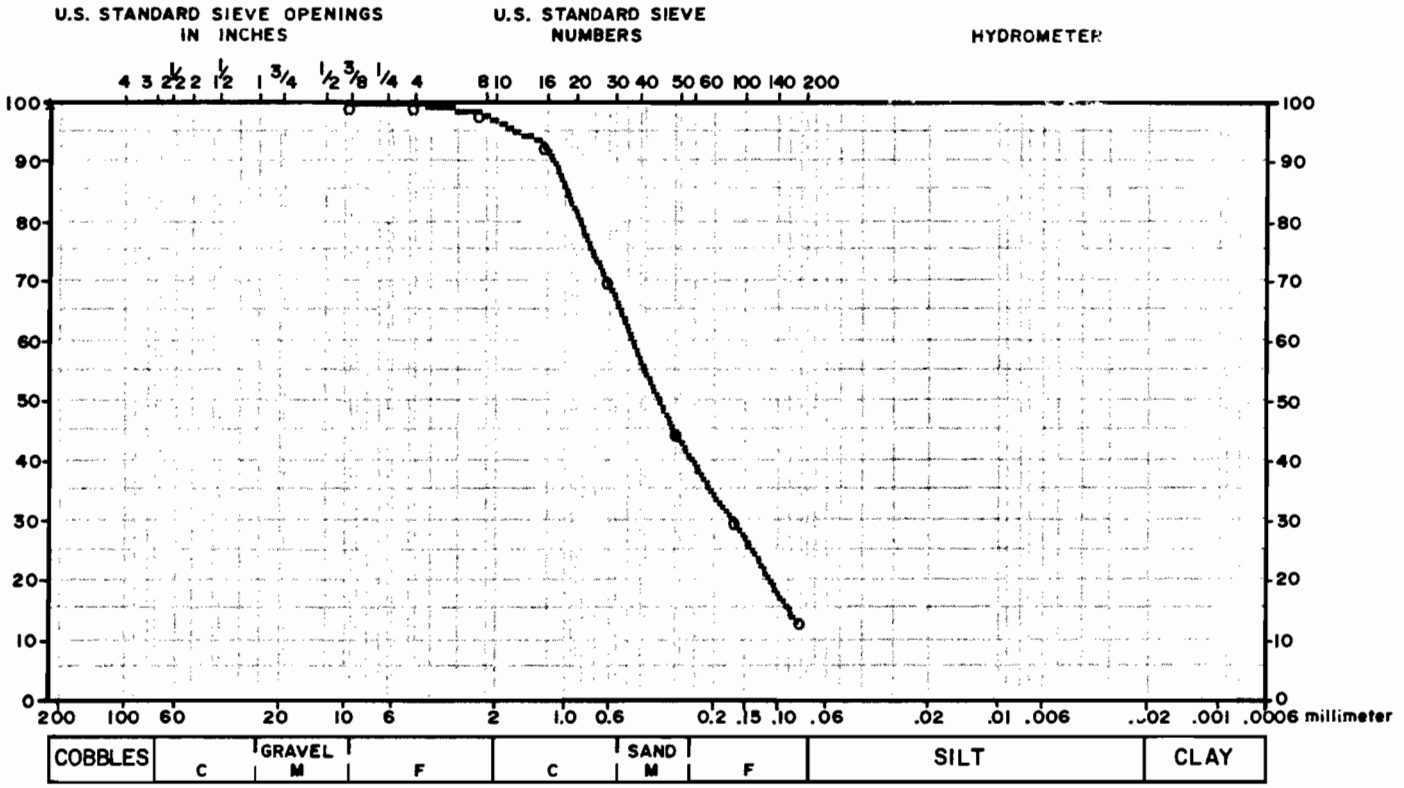
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D/T

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12919 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/9/84
REVIEWED BY: DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 5 S-17 65'- 67'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	0.00	100.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	.10	99.90	-
8	1.24	98.66	-
16	5.08	93.58	-
30	22.77	70.81	-
50	25.24	45.57	-
100	15.08	30.49	-
200	17.23	13.26	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 13.3%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

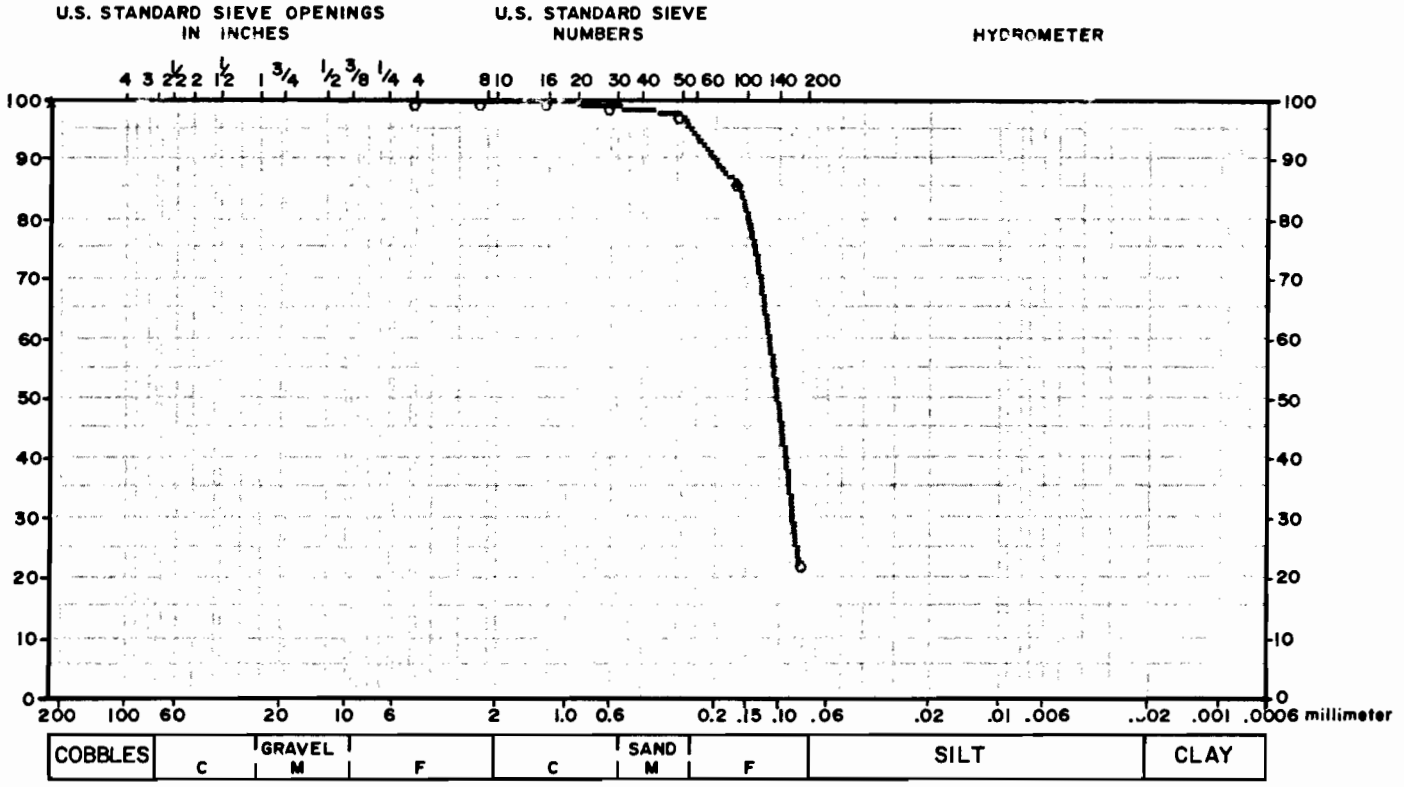
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

1

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12920 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/9/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 5 S-20 80'- 82'

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	4	0.00	100.00	-			
-	0.00	0.00	-	8	0.00	100.00	-			
-	0.00	0.00	-	16	.04	99.96	-			
-	0.00	0.00	-	30	.65	99.31	-			
-	0.00	0.00	-	50	1.23	98.08	-			
-	0.00	0.00	-	100	11.26	86.82	-			
-	0.00	0.00	-	200	63.91	22.91	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 22.9%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

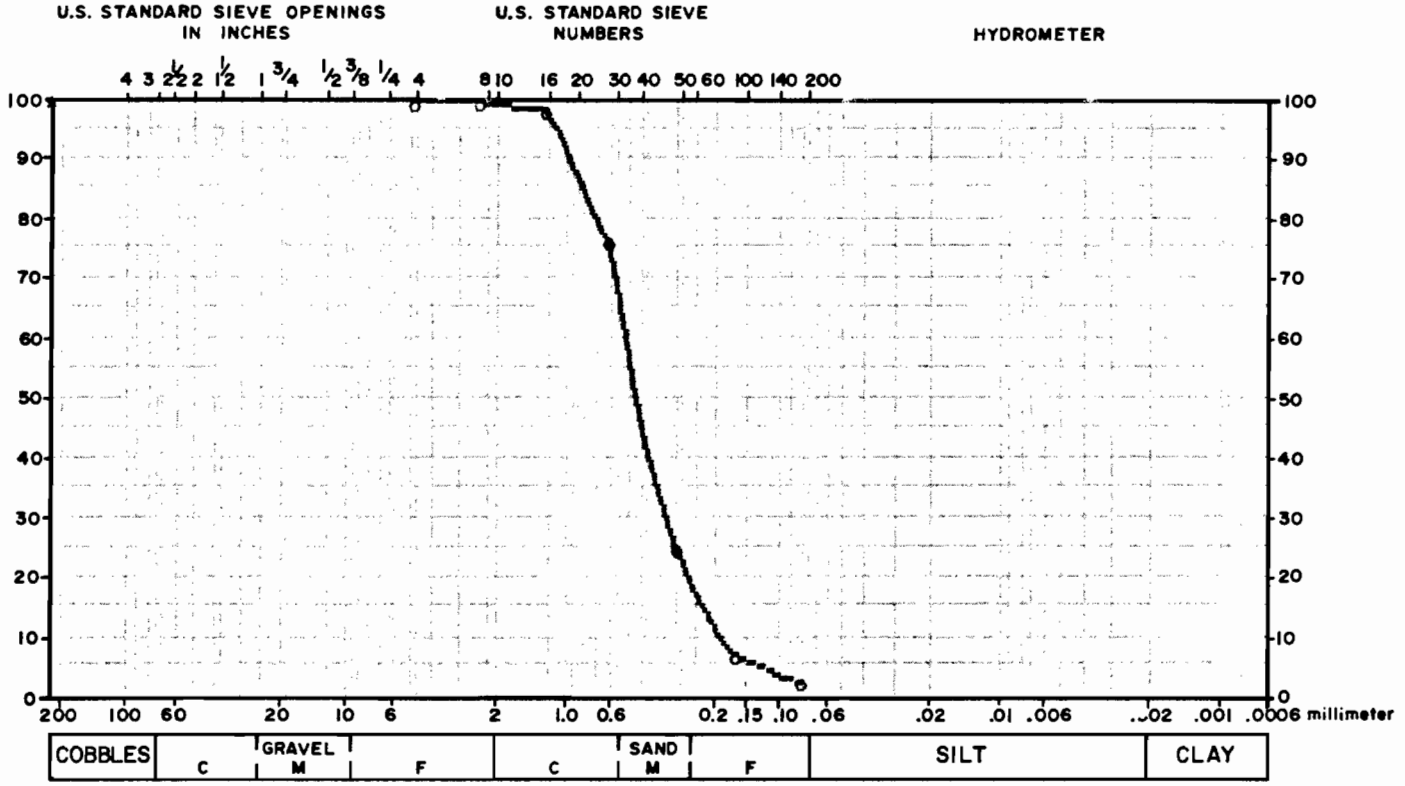
JMU

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12921 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/9/84
REVIEWED BY: MJZ DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 51 S-2 48.5' - 50.5'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.18	99.82	-
16	1.48	98.34	-
30	21.85	76.49	-
50	51.01	25.48	-
100	17.90	7.58	-
200	4.62	2.96	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 3.0%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

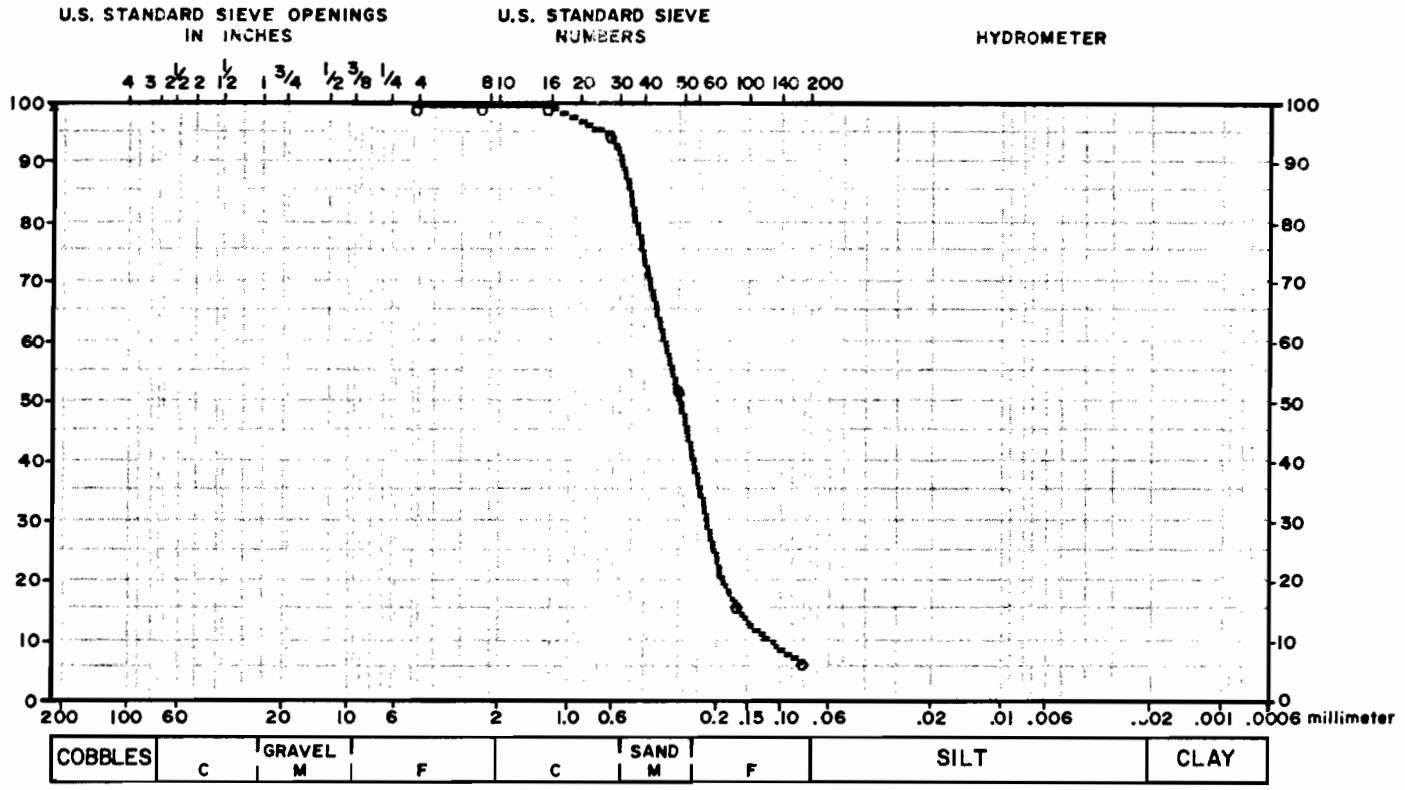
TMTF

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY		NOTT STREET
LAB NUMBER:	12922	DATE RECEIVED:	7/5/84
TEST BY:	JWH	DATE TESTED:	7/9/84
REVIEWED BY:	MJS	DATE REPORTED:	7/10/84
SAMPLE DESCR:	BORING DGC 5S S-1 26' - 28'		

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.15	99.85	-
30	4.37	95.48	-
50	42.75	52.73	-
100	36.27	16.46	-
200	9.61	6.85	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 6.8%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE

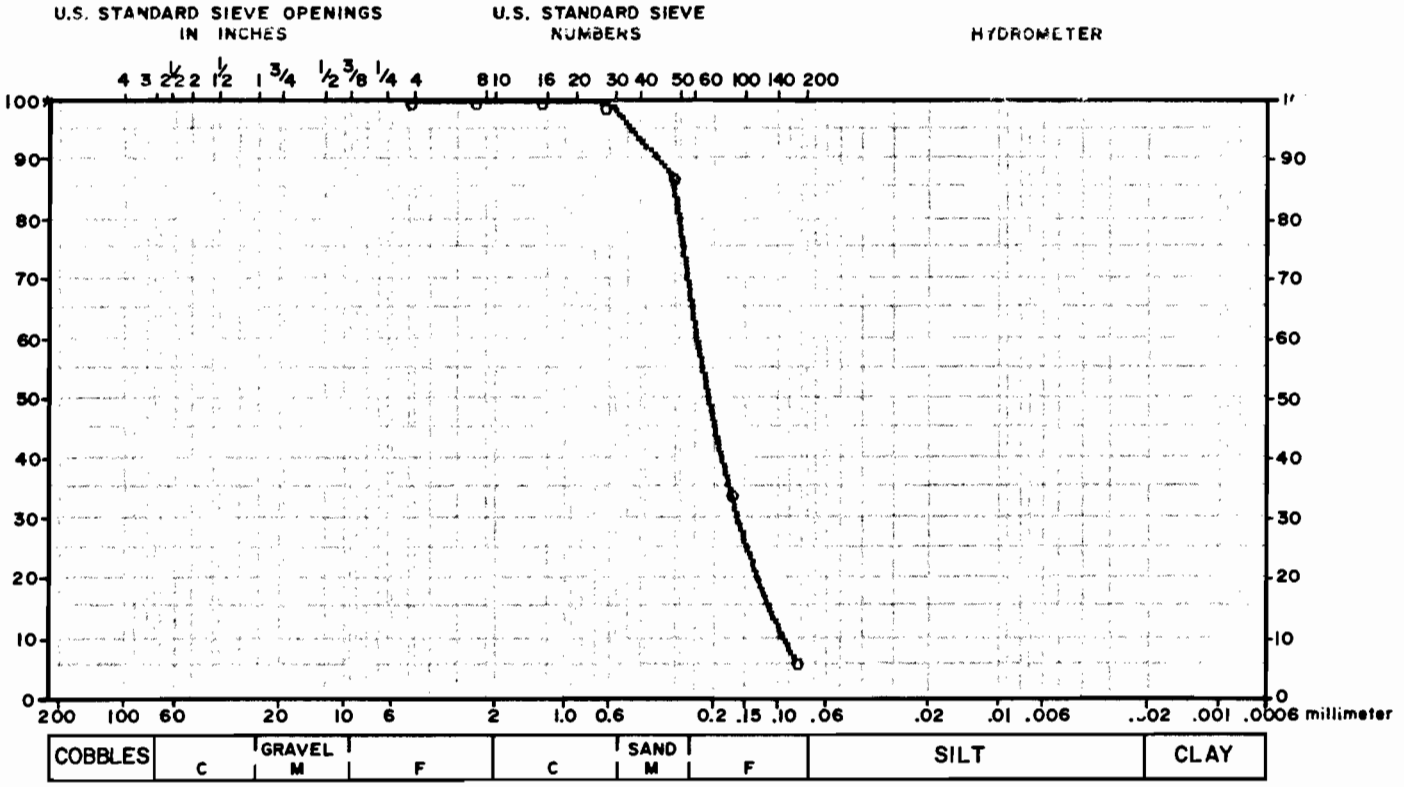
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12923 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/11/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 6, S-40, 78.0'-80.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.04	99.96	-
30	.34	99.62	-
50	12.00	87.62	-
100	53.23	34.38	-
200	28.21	6.17	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 6.2%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

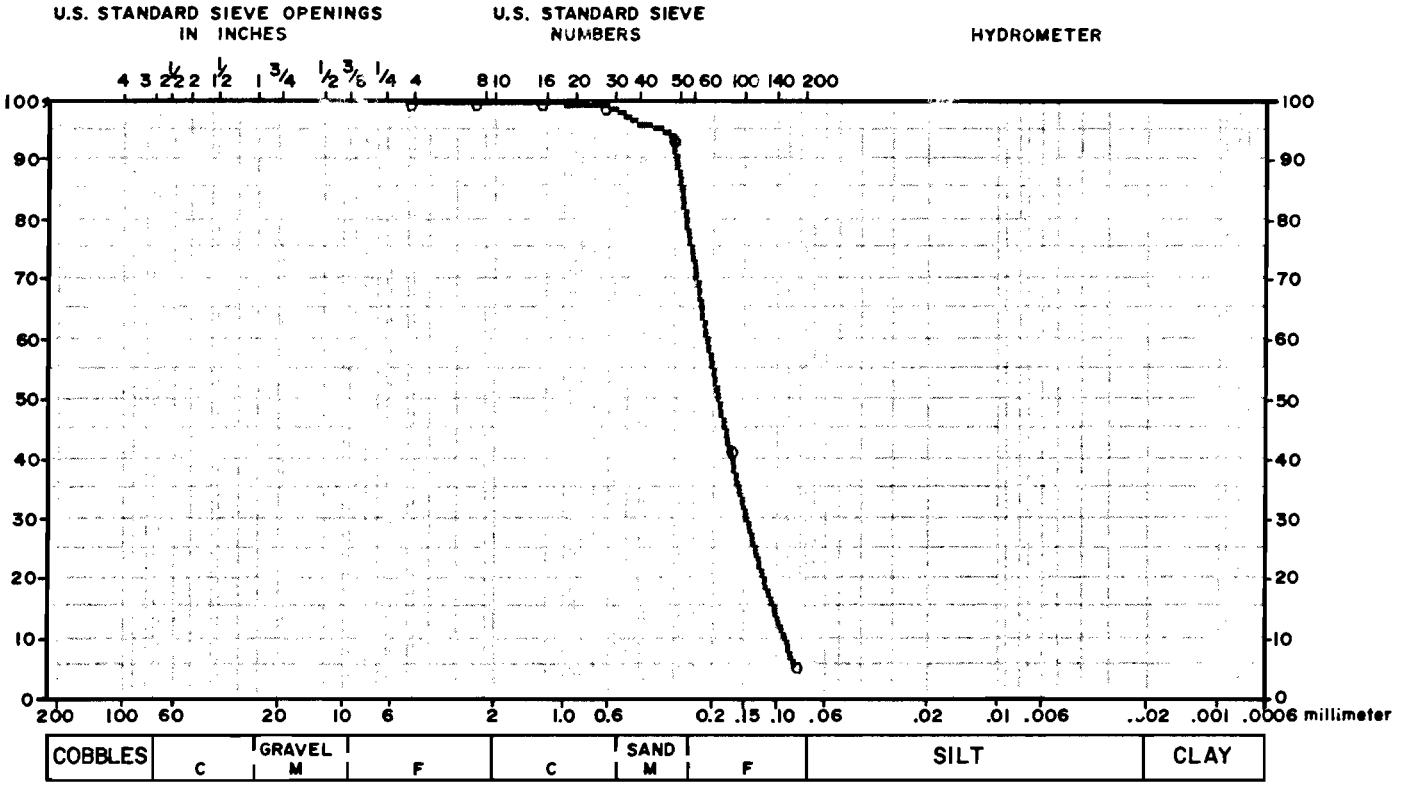
TEST STANDARD: NA
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12924 DATE RECEIVED: 07/05/84
TEST BY: JWH DATE TESTED: 07/11/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 6 S-47, 92.0'-94.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.11	99.89	-
30	.81	99.09	-
50	4.99	94.10	-
100	52.25	41.85	-
200	36.59	5.27	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 5.3%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

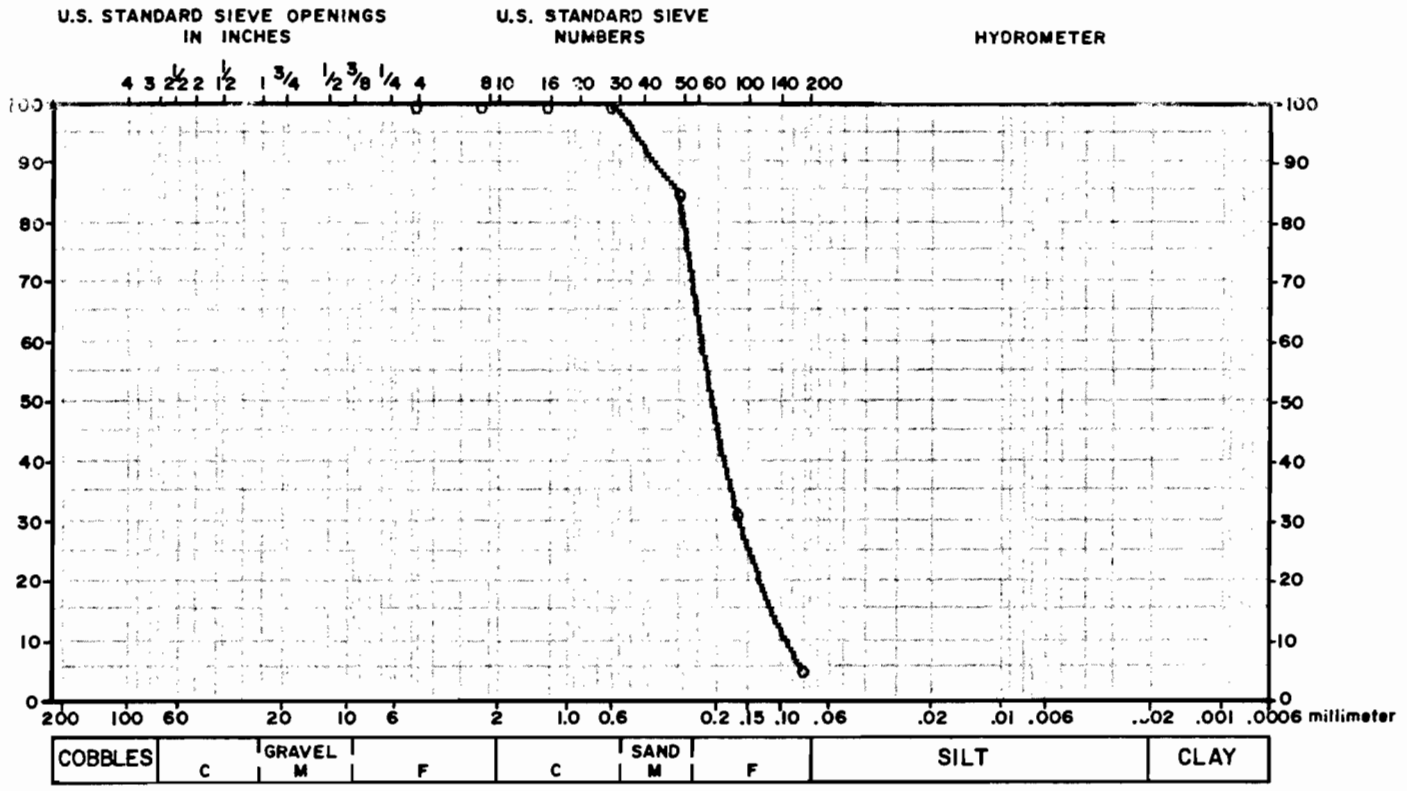
TEST STANDARD: NA
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12925 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/10/84
REVIEWED BY: DATE REPORTED: 7/10/84
SAMPLE DESCR: BORING DGC 6I S-1 50.0'- 52.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.05	99.95	-
16	.09	99.86	-
30	.14	99.72	-
50	14.51	85.21	-
100	52.94	32.28	-
200	26.73	5.55	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 5.6%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C-136

TEST STANDARD: NONE
NOTES: NONE

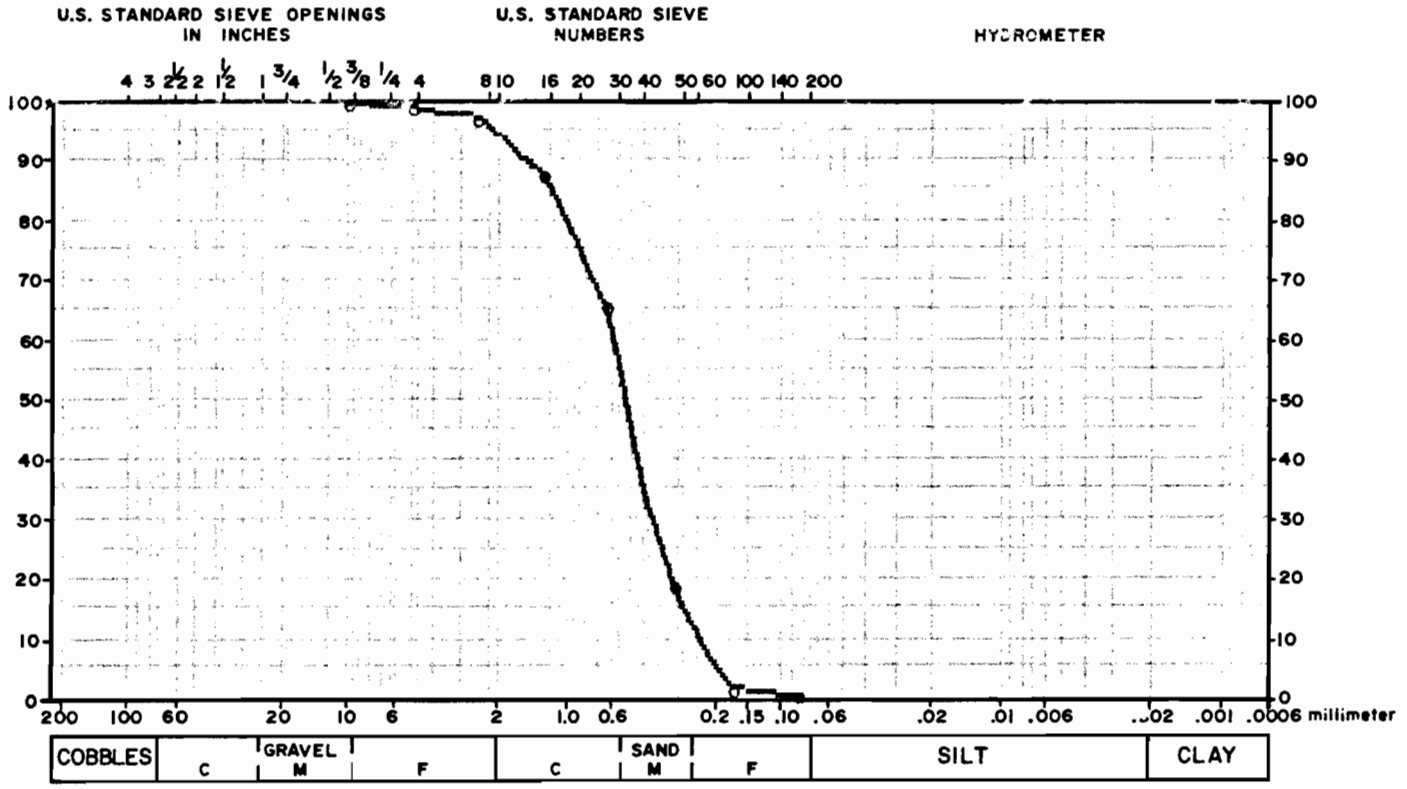
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12926 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/11/84
REVIEWED BY: Cst DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 6 S, S-1, 29.0'-31.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	0.00	100.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	.95	99.05	-
8	1.68	97.36	-
16	9.66	87.70	-
30	21.85	65.85	-
50	46.56	19.29	-
100	17.11	2.18	-
200	1.53	.65	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = .6%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

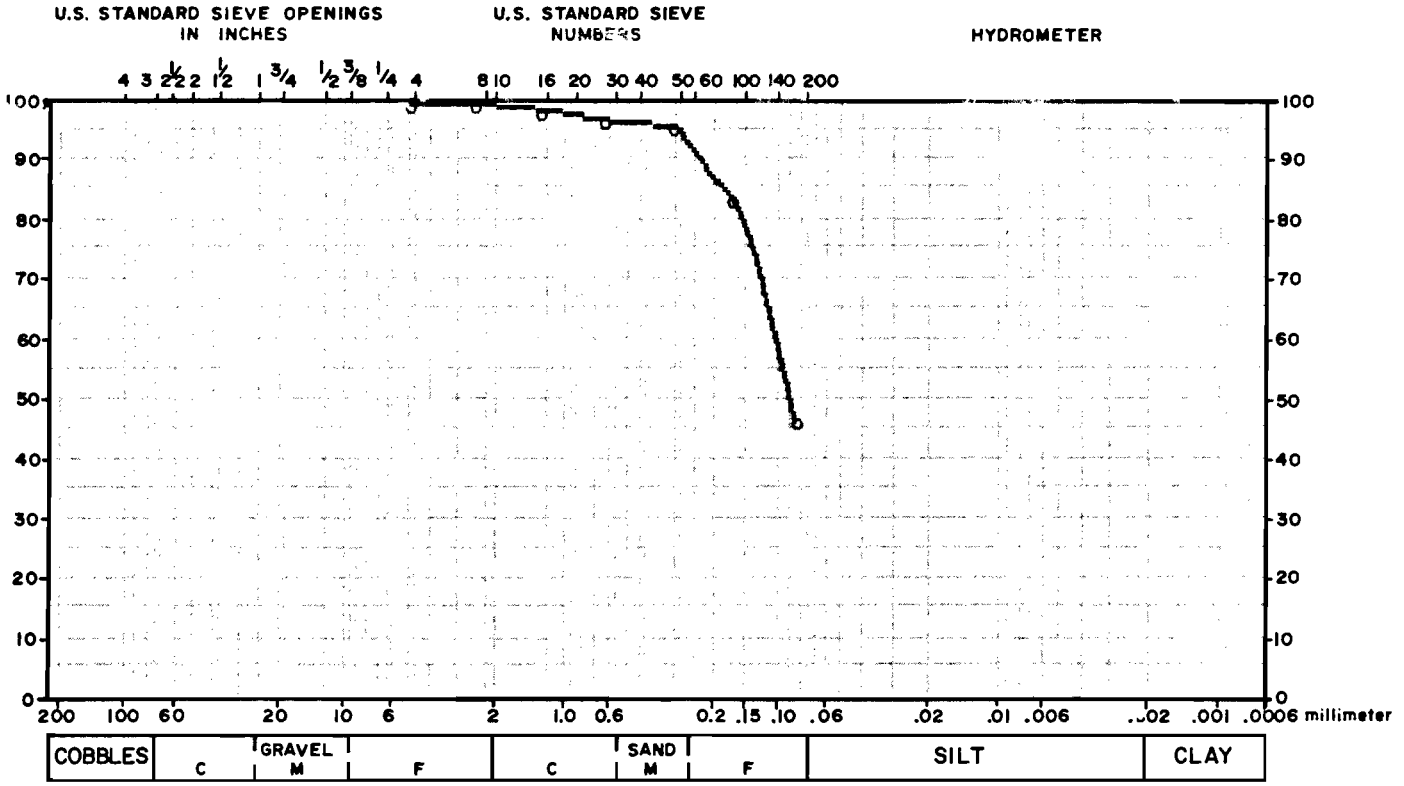
JMU

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12927 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 7, S-14, 65.0'-67.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.08	99.92	-
16	1.02	98.90	-
30	1.75	97.15	-
50	1.22	95.93	-
100	11.77	84.16	-
200	37.74	46.42	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 46.4%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

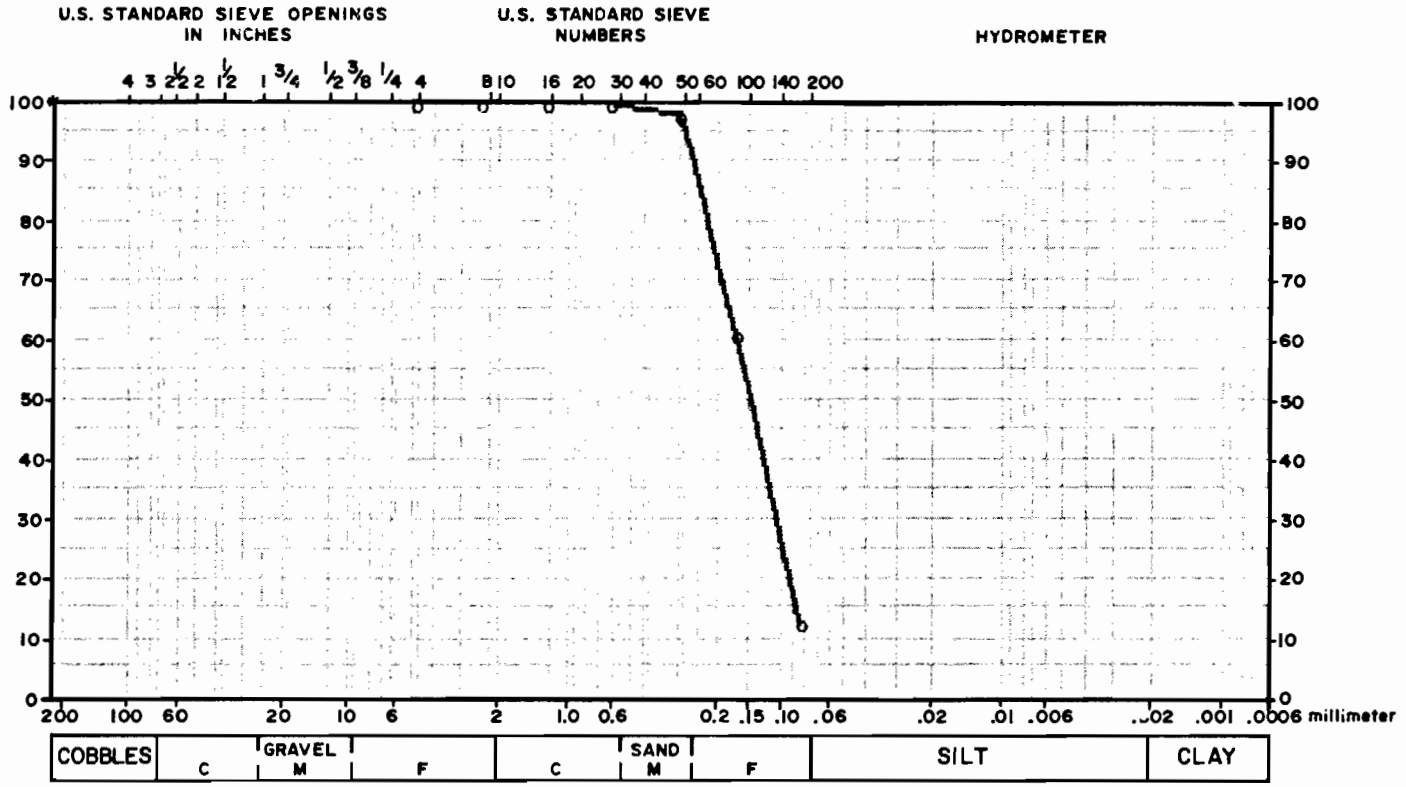
JMH

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12928 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MJZ DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-7 S-18 85.0'- 87.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	.20	99.80	-
50	1.94	97.86	-
100	36.53	61.33	-
200	48.73	12.60	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 12.6%
WASH LOSS = 9.2%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

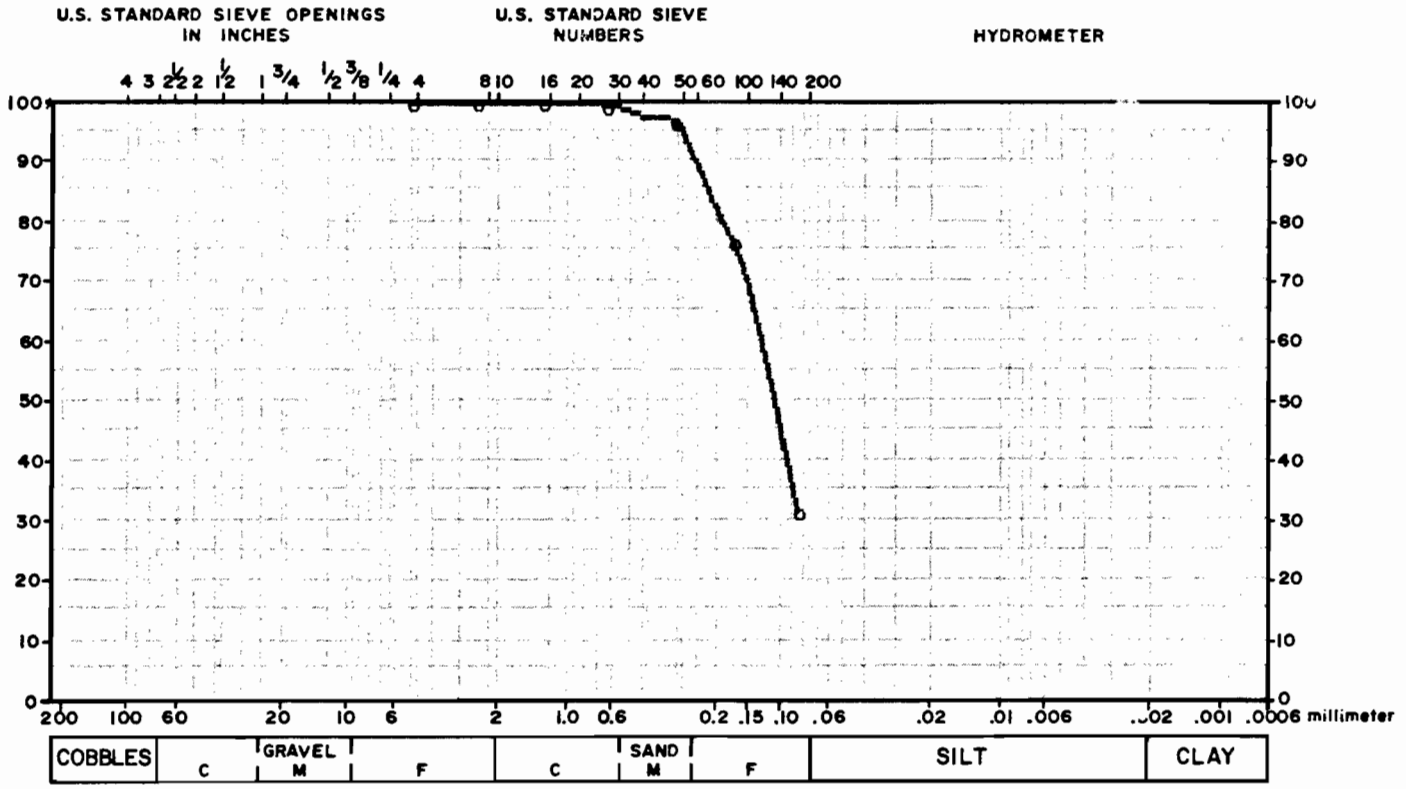
TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory
5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12929 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/11/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 7 I, S-1, 46.0'-48.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.04	99.96	-
30	.35	99.61	-
50	3.14	96.47	-
100	19.92	76.55	-
200	45.16	31.40	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 31.4%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

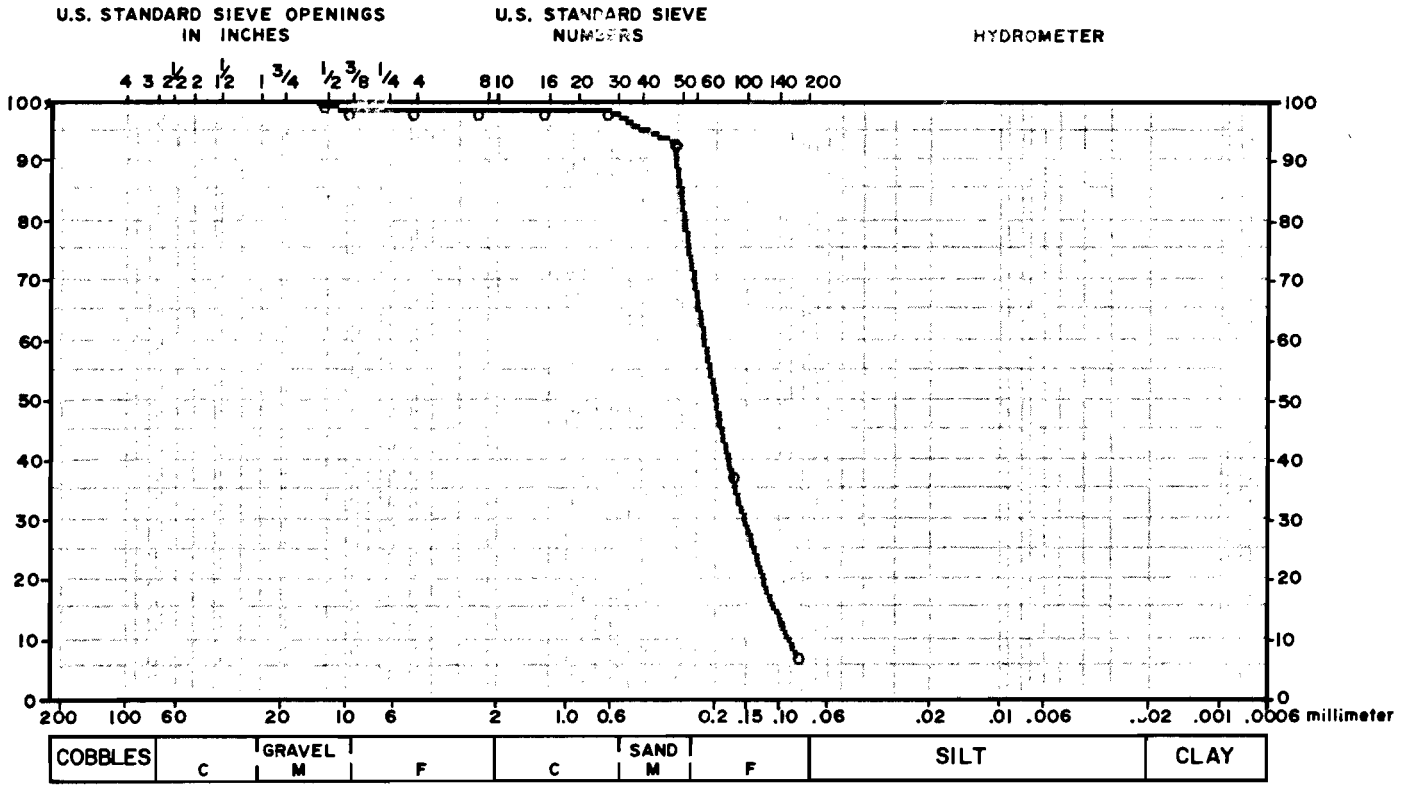
JWH

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY, NOTT ST.		
LAB NUMBER:	12930	DATE RECEIVED:	7/5/84
TEST BY:	JWH	DATE TESTED:	7/11/84
REVIEWED BY:		DATE REPORTED:	7/17/84
SAMPLE DESCR:	BORING DGC 7 S S-1, 30.0'-32.0'		

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
1/2	0.00	100.00	-
3/8	1.09	98.91	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	98.91	-
8	.11	98.80	-
16	.07	98.72	-
30	.07	98.65	-
50	5.28	93.37	-
100	55.17	38.19	-
200	30.90	7.29	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 7.3%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA

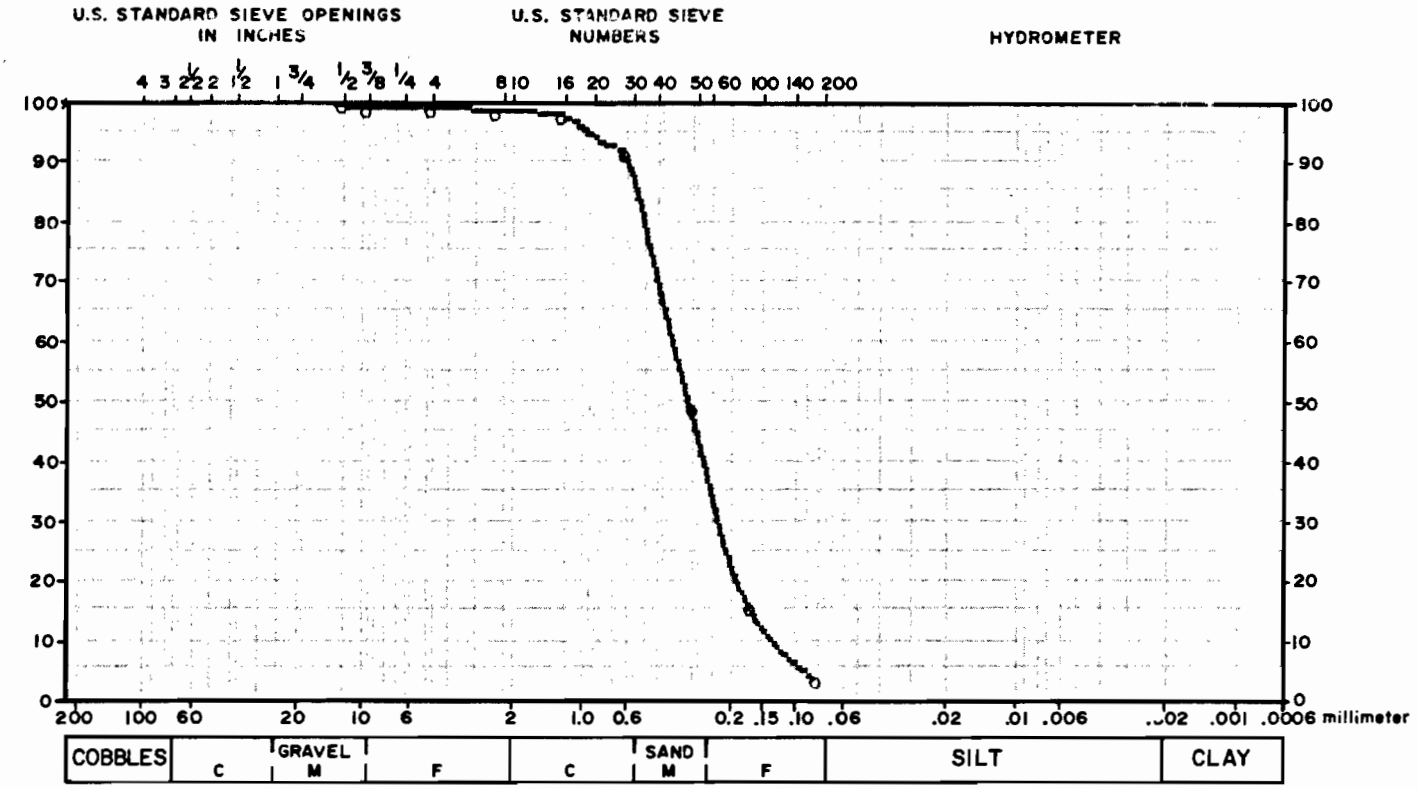
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12931 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 8, S-13, 60.0'-62.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
1/2	0.00	100.00	-
3/8	.58	99.42	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	.29	99.14	-
8	.22	98.92	-
16	.76	98.16	-
30	6.37	91.79	-
50	42.26	49.53	-
100	33.73	15.80	-
200	12.24	3.56	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 3.6%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

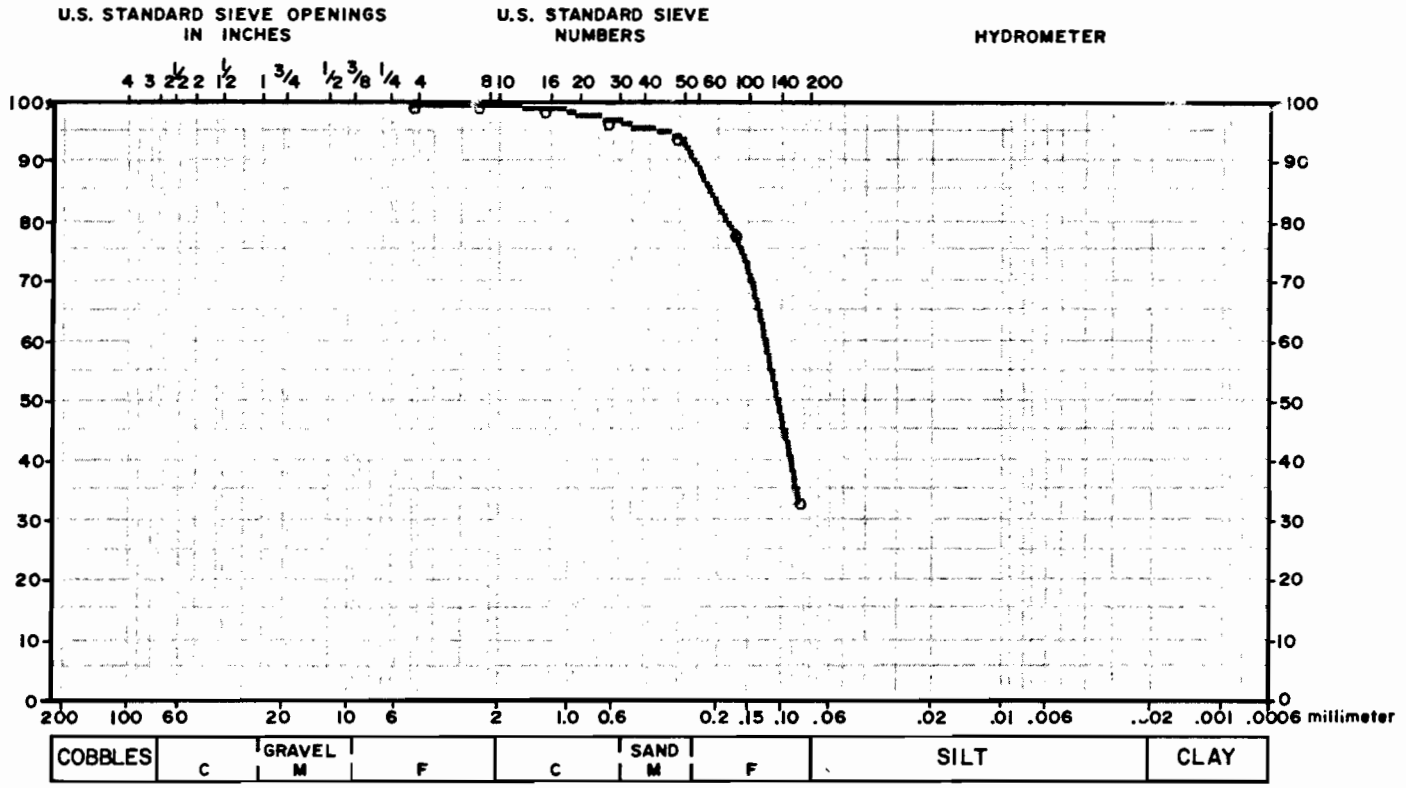
TEST STANDARD: NA
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12932 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 8, S-20, 95.0'-97.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.50	99.50	-
30	2.08	97.43	-
50	2.45	94.98	-
100	16.56	78.41	-
200	45.08	33.33	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 33.3%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

JMU

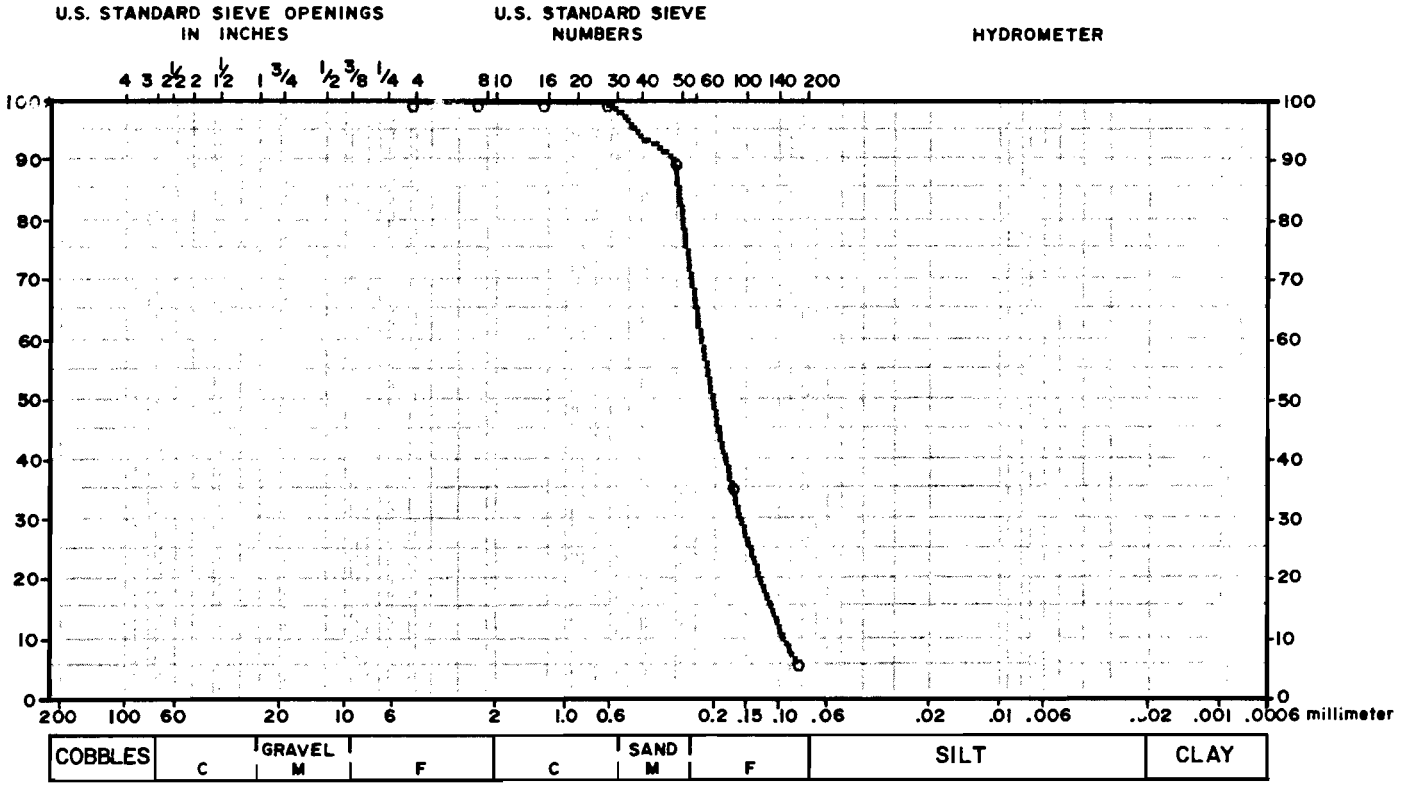
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12933 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 8 I, S-1, 51.0'-53.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	.24	99.76	-
50	10.03	89.74	-
100	53.67	36.06	-
200	30.04	6.03	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 6.0%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

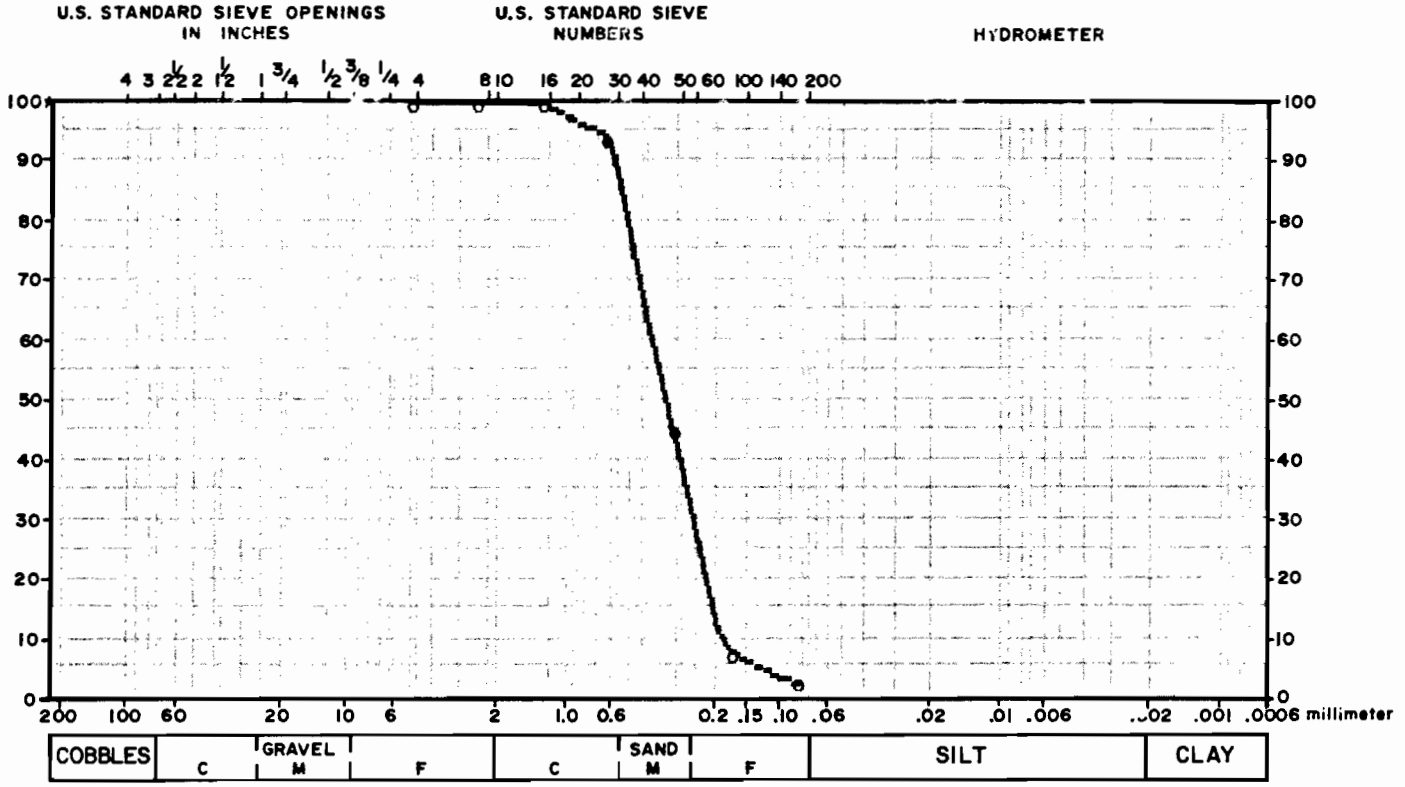
TEST STANDARD: NA
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12934 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 8 S, S-1, 32.0'-34.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.33	99.67	-
30	5.72	93.95	-
50	48.68	45.27	-
100	37.23	8.04	-
200	5.30	2.74	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 2.7%
WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

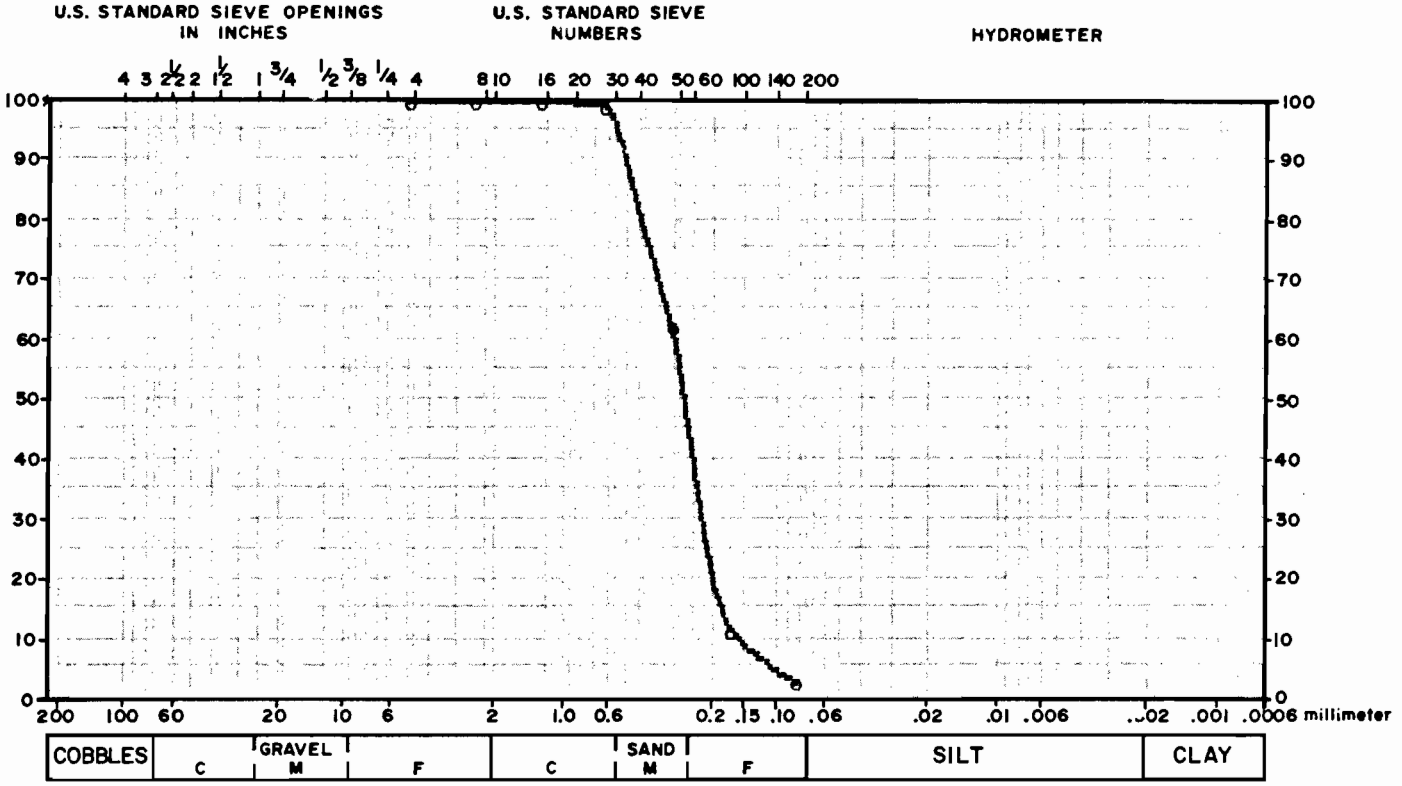
JMU

Dunn Geoscience Laboratory
5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12935 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: JeH DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 9, S-13, 60.0'-62.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.03	99.97	-
30	.55	99.42	-
50	36.51	62.92	-
100	50.60	12.31	-
200	9.46	2.85	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 2.9%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

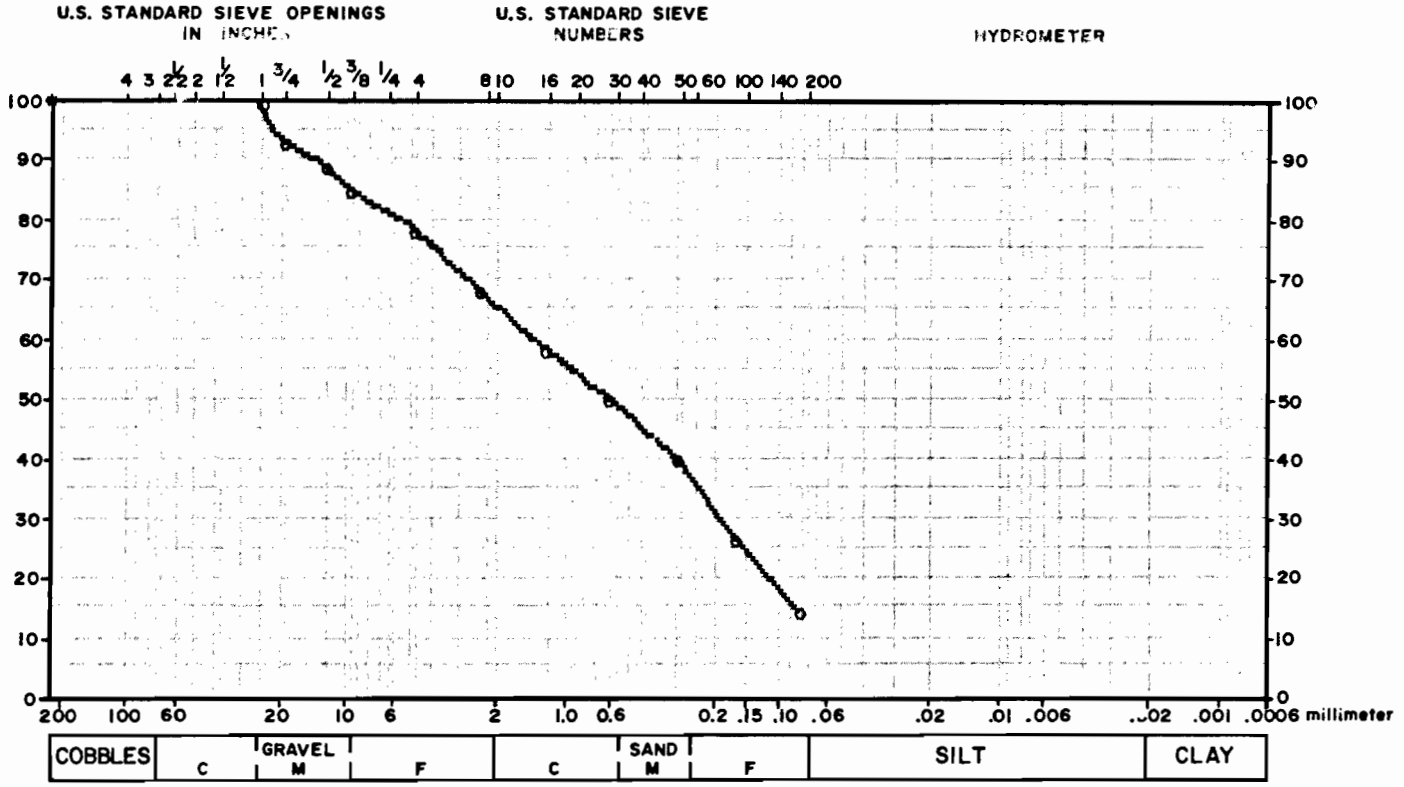
JMH

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12936 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MJZ DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-9 S-16 75.0'- 77.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
1	0.00	100.00	-
3/4	6.84	93.16	-
1/2	3.88	89.28	-
3/8	3.97	85.32	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	6.79	78.52	-
8	10.04	68.48	-
16	9.62	58.86	-
30	8.52	50.34	-
50	9.92	40.42	-
100	13.00	27.43	-
200	12.53	14.89	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 14.9%
WASH LOSS = 11.8%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

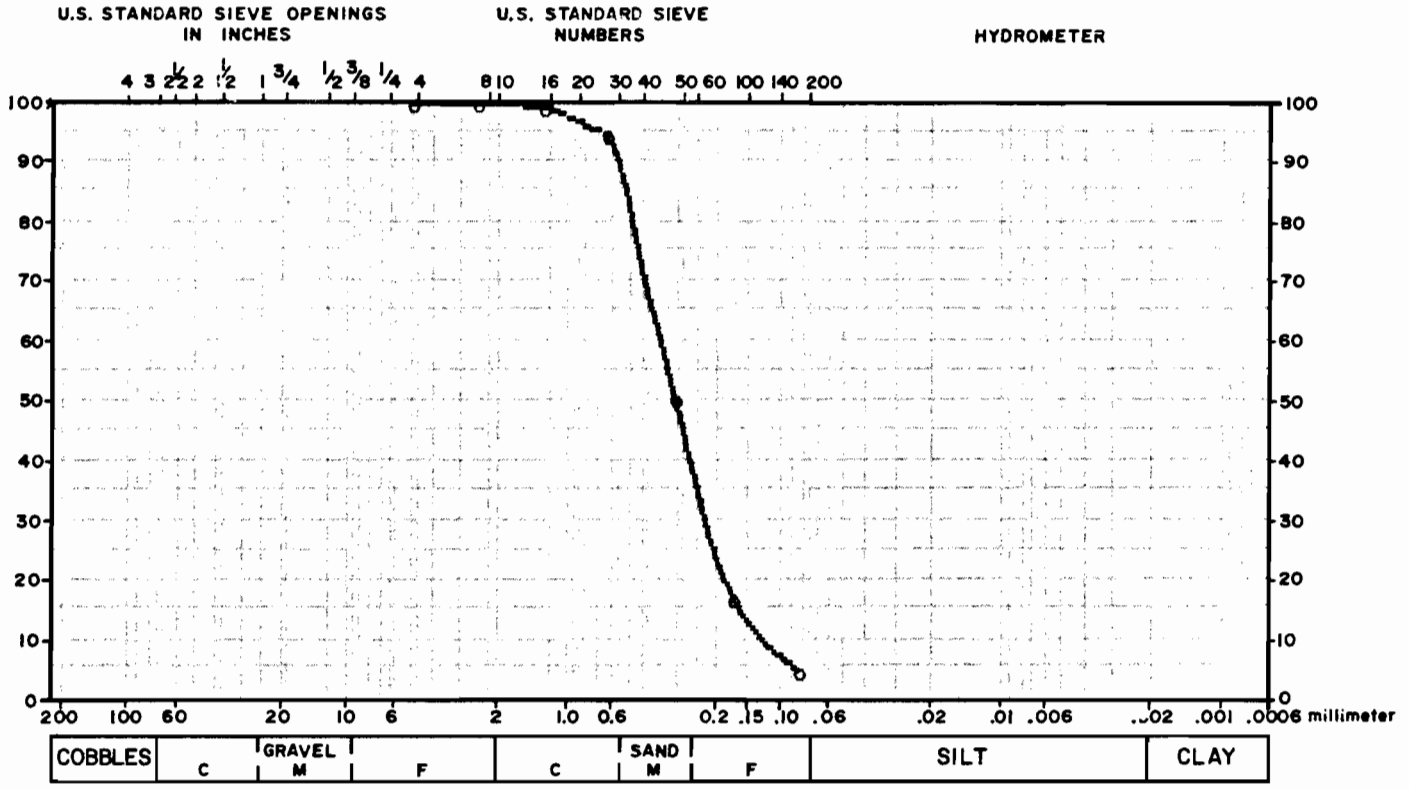
JML

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12937 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 9 I, S-1, 36.0'-38.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.43	99.57	-
30	5.10	94.47	-
50	43.59	50.88	-
100	33.88	17.01	-
200	12.04	4.96	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 5.0%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

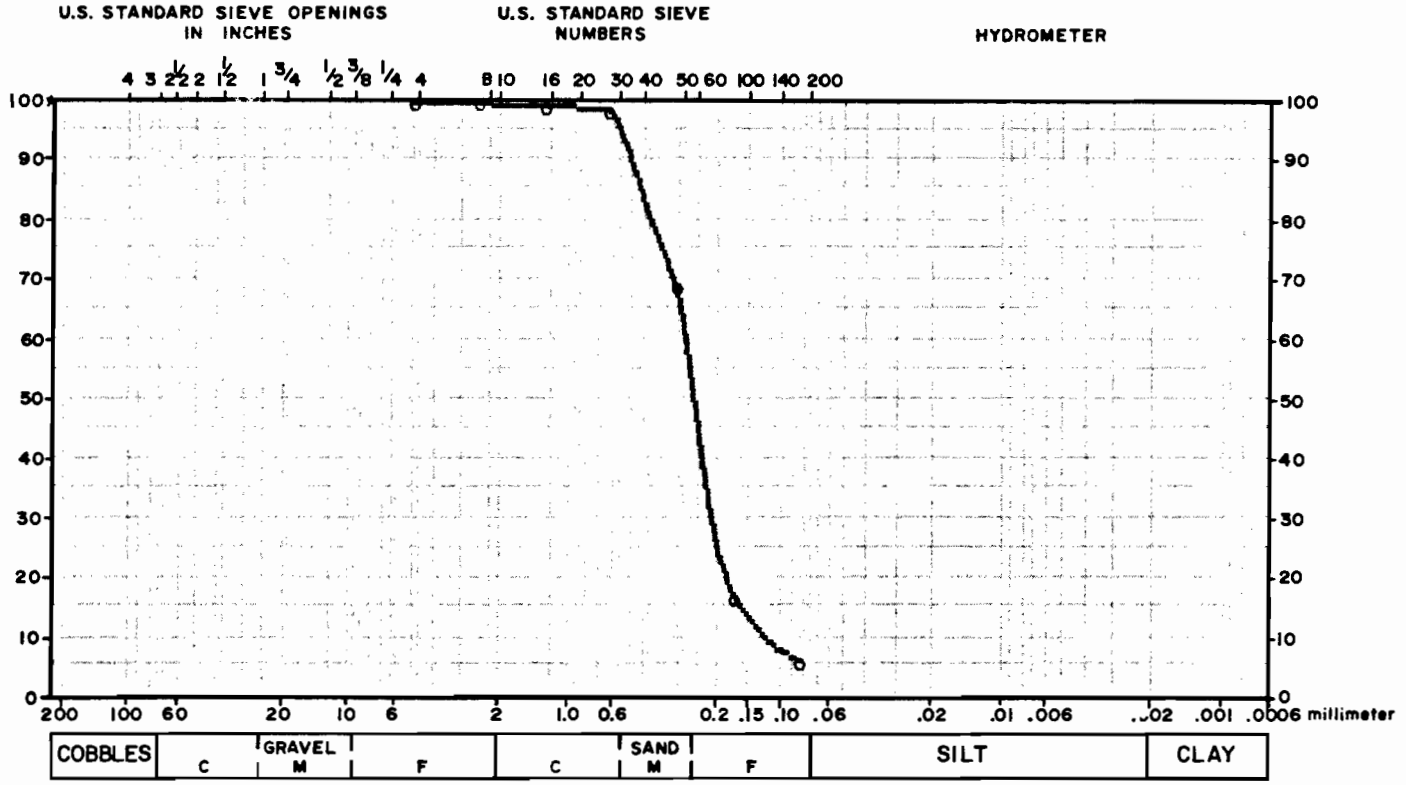
TEST STANDARD: NA
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12938 DATE RECEIVED: 7/5/84
TEST BY: JWR DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 9 S, S-1, 33.0'-35.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	.22	99.78	-
8	.09	99.69	-
16	.22	99.47	-
30	.89	98.58	-
50	29.31	69.26	-
100	52.05	17.22	-
200	11.48	5.74	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 5.7%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

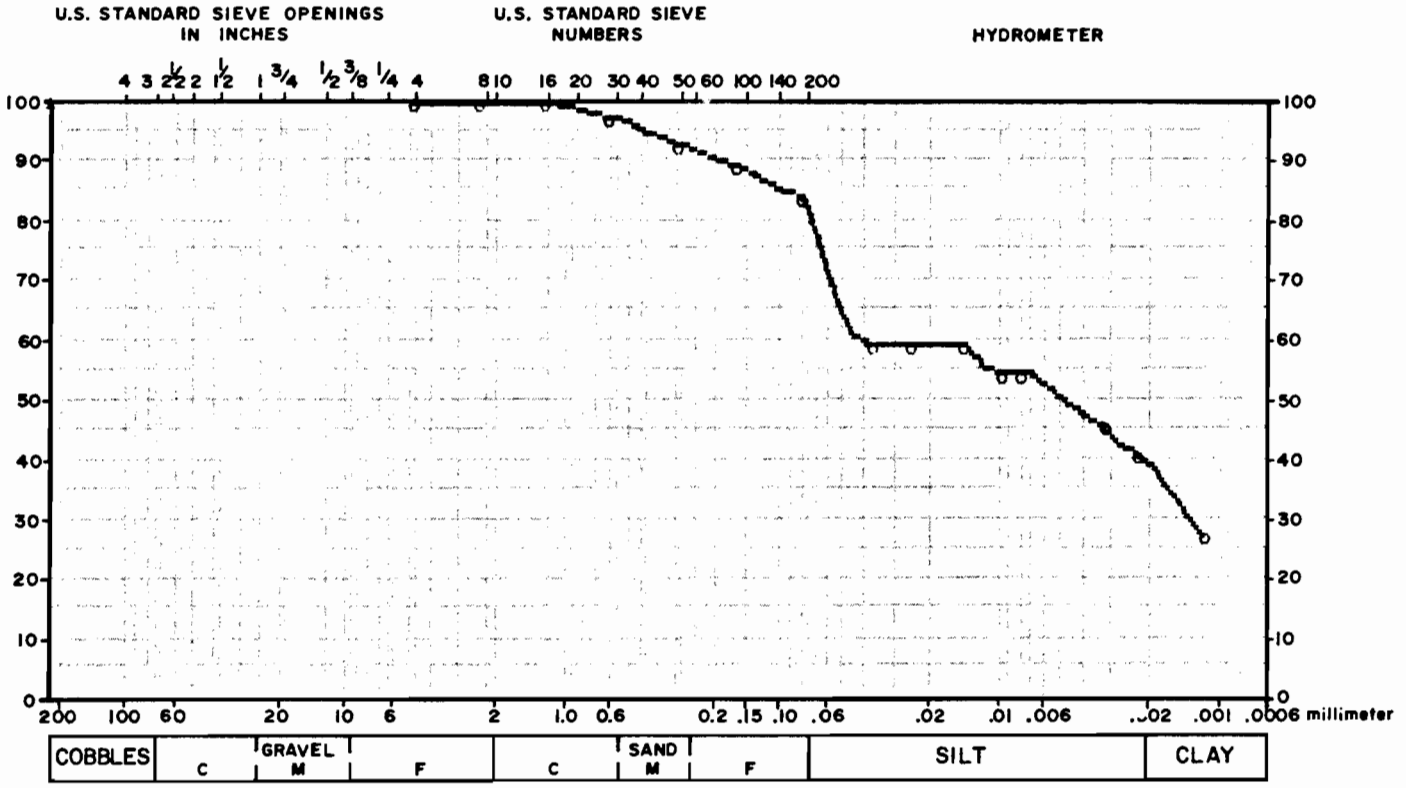
JMU

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12939 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/18/84
REVIEWED BY: DATE REPORTED: 7/25/84
SAMPLE DESCR: BORING DGC-10 S-12 55.0'- 57.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	2.38	97.62	-
50	4.63	92.99	-
100	3.84	89.15	-
200	5.29	83.86	-
-	0.00	0.00	-

PAN = 83.9%
WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
.036	59.39	-
.023	59.39	-
.013	59.39	-
.009	54.83	-
.007	54.83	-
.003	45.69	-
.002	41.12	-
.001	27.41	-

SPECIFICATION: ASTM C-136 ASTM D-422

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

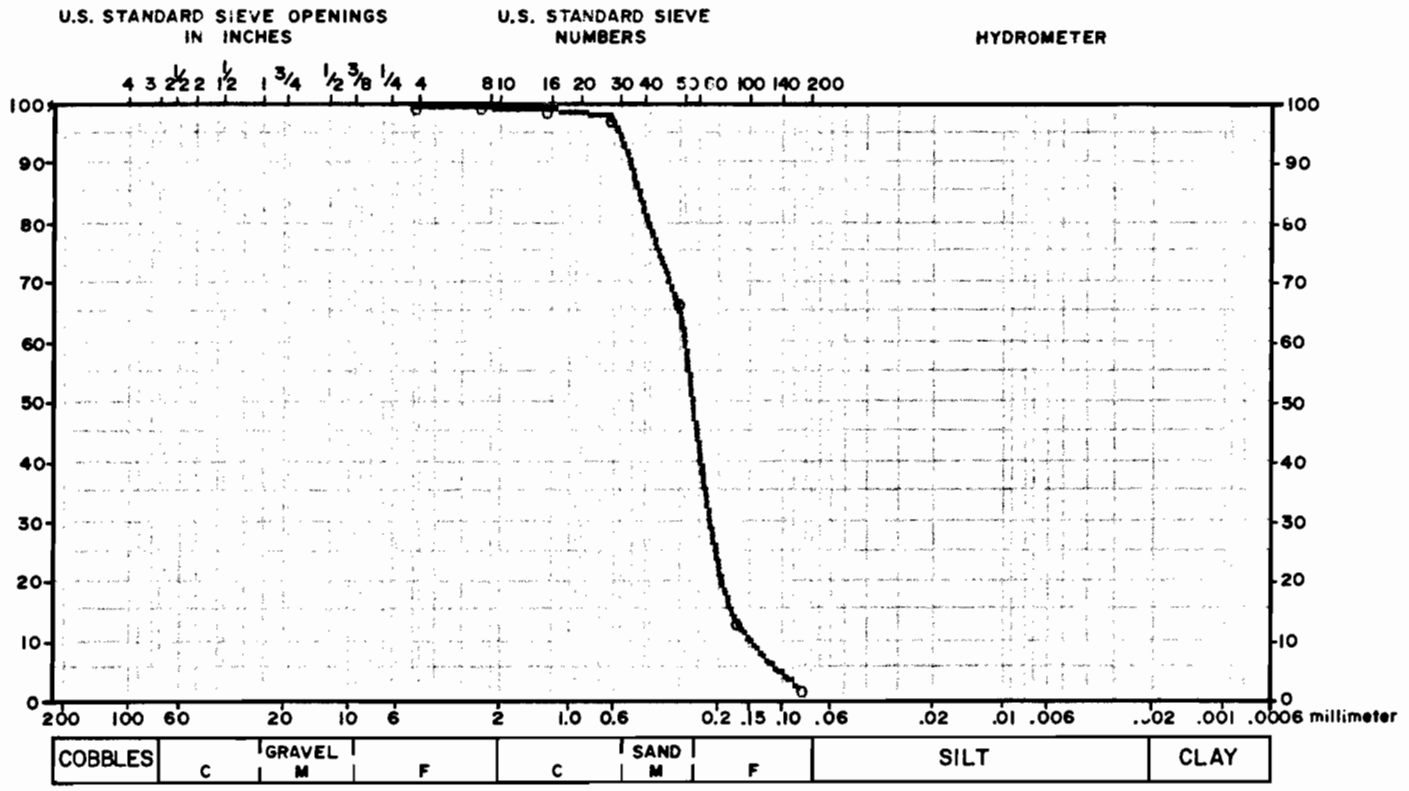
JMU

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12940 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 10 I, S-1, 34.0'-36.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.23	99.77	-
16	.46	99.31	-
30	1.43	97.89	-
50	30.50	67.39	-
100	53.34	14.05	-
200	11.88	2.17	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 2.2%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

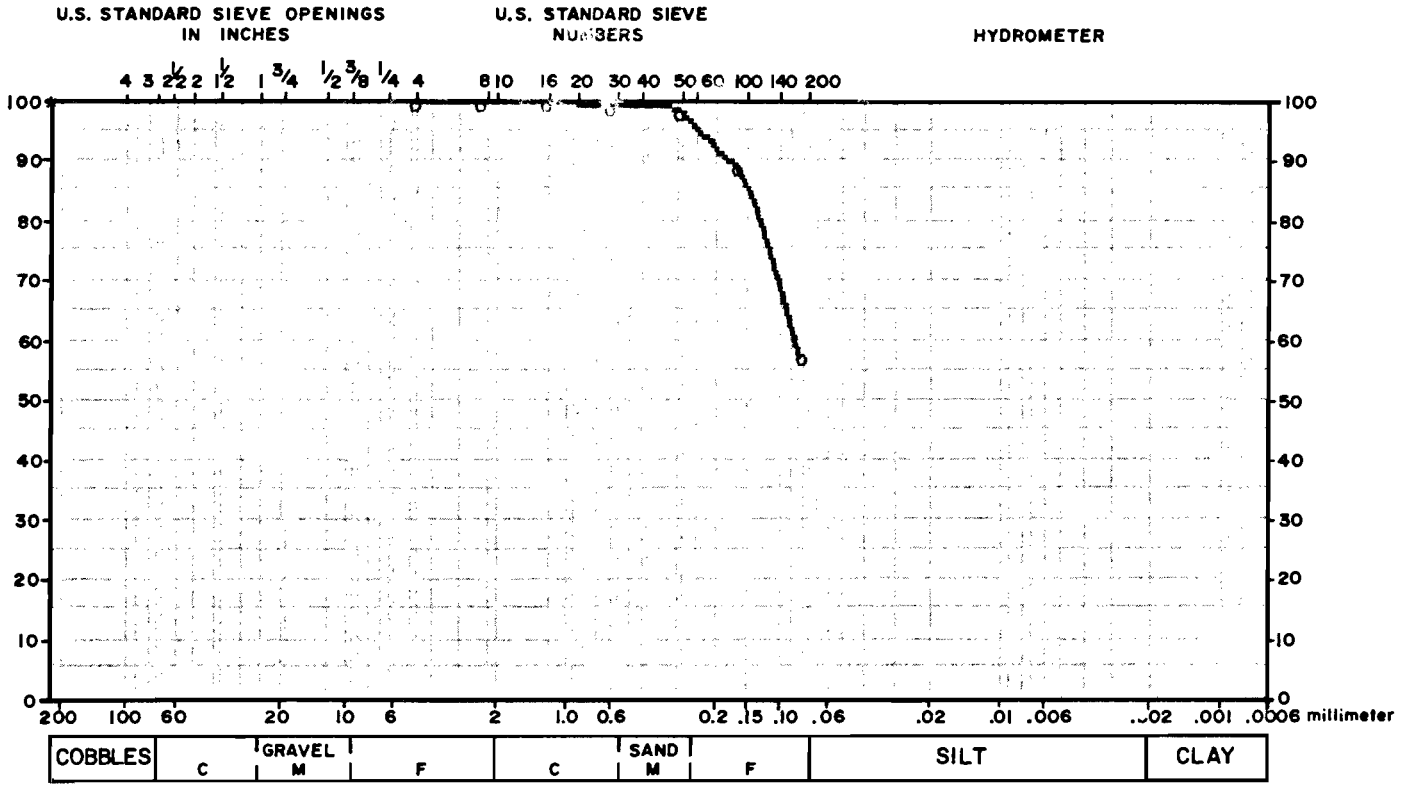
TEST STANDARD: NA
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12941 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MJZ DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-10S S-1 26.0'- 28.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.21	99.79	-
30	.21	99.58	-
50	.63	98.95	-
100	9.79	89.16	-
200	31.89	57.27	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 57.3%
WASH LOSS = 52.0%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

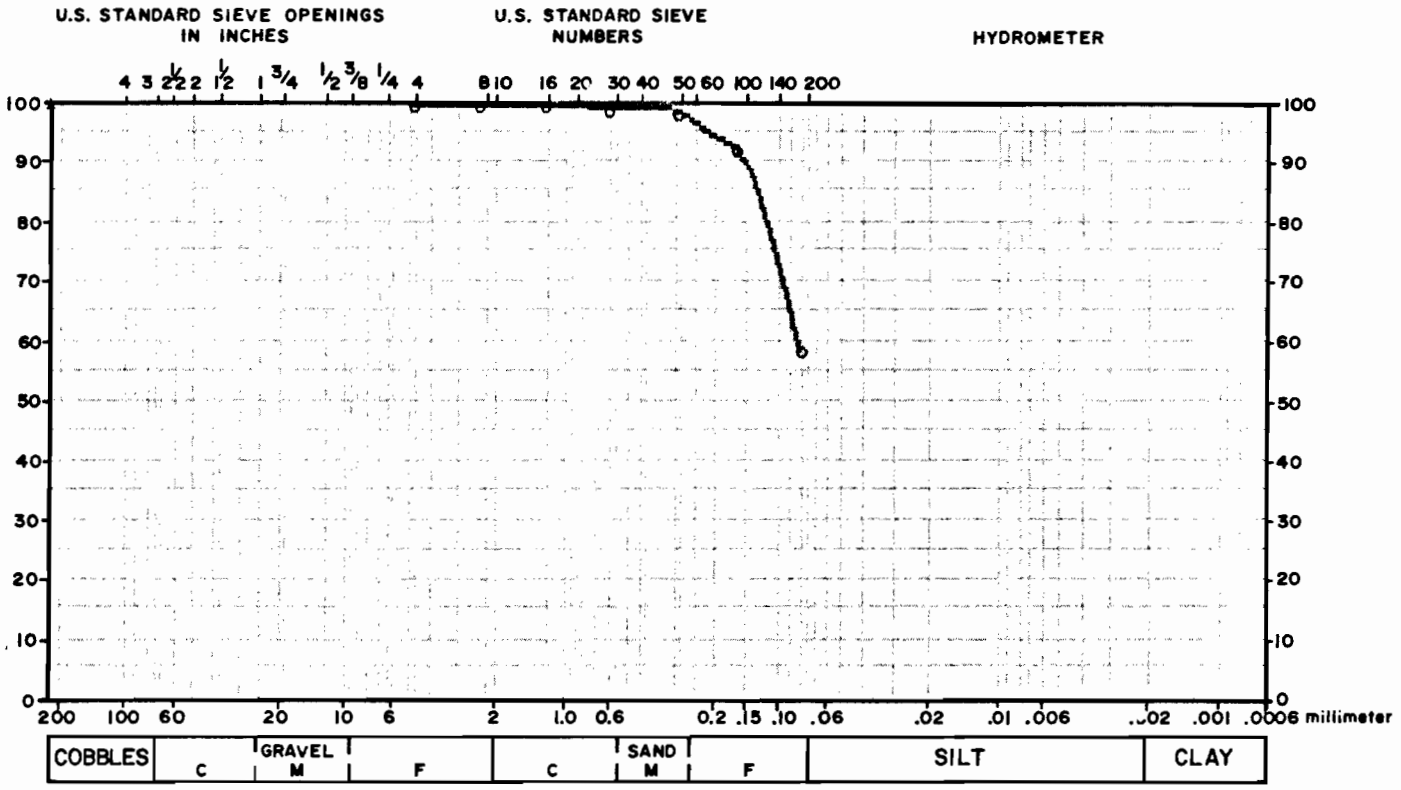
JM11

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY	NOTT STREET	
LAB NUMBER:	12942	DATE RECEIVED:	7/5/84
TEST BY:	JWH	DATE TESTED:	7/18/84
REVIEWED BY:	MJZ	DATE REPORTED:	7/25/84
SAMPLE DESCR:	BORING DGC-11 S-35	68.0'- 70.0'	

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.07	99.93	-
30	.42	99.52	-
50	.62	98.89	-
100	6.37	92.53	-
200	33.77	58.75	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 58.8%

WASH LOSS = 47.1%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE

NOTES: NONE

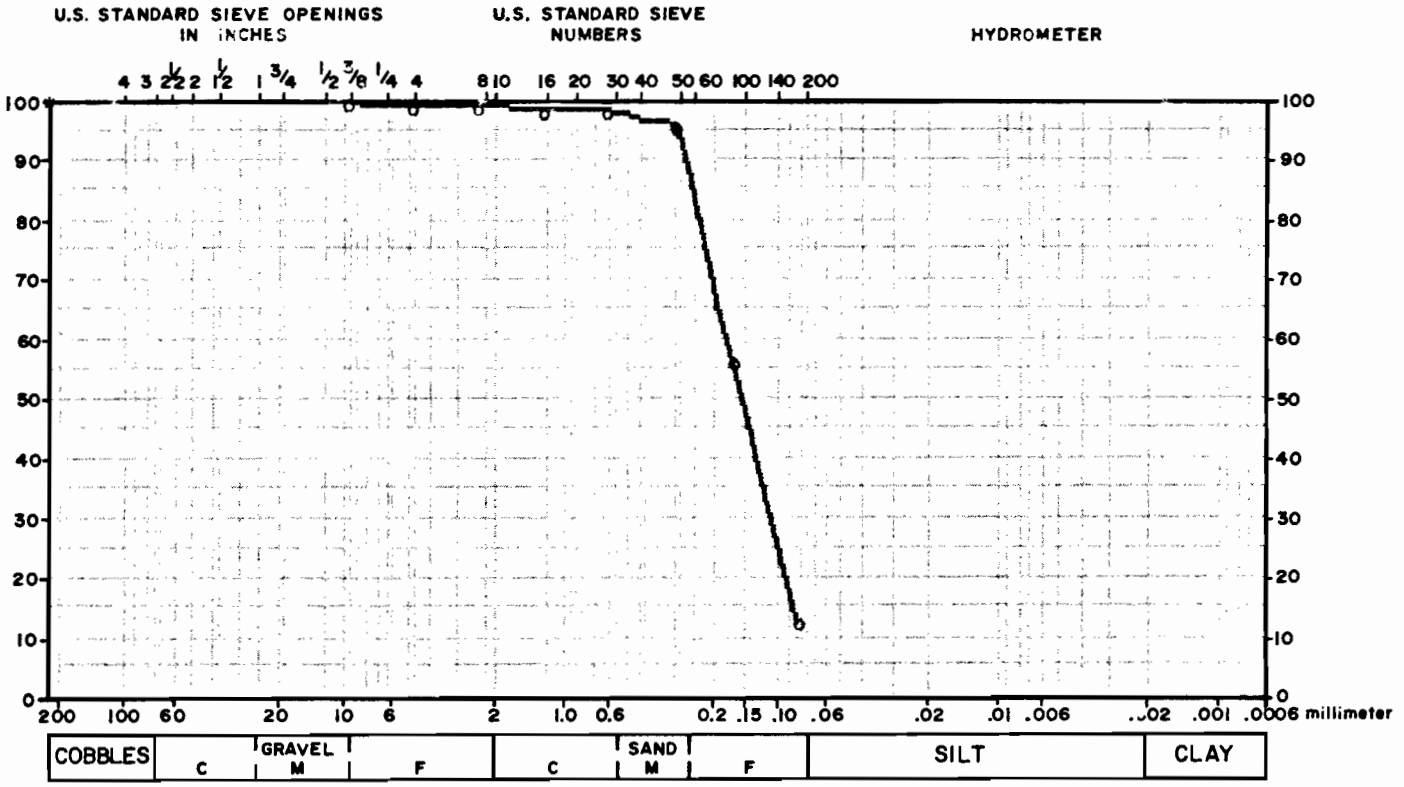
Test samples are retained for 30 days after submission [illegible] discarded, unless other arrangements are made.

Dunn Geoscience Laboratory
5 Northway Lane North, Latham, NY 12110 (518) 783-8102

T

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12943 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MJZ DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-11 S-45 88.0'- 90.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	0.00	100.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	.77	99.23	-
8	.15	99.07	-
16	.15	98.92	-
30	.35	98.57	-
50	2.44	96.13	-
100	39.56	56.57	-
200	43.70	12.88	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 12.9%
WASH LOSS = 8.7%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

JML

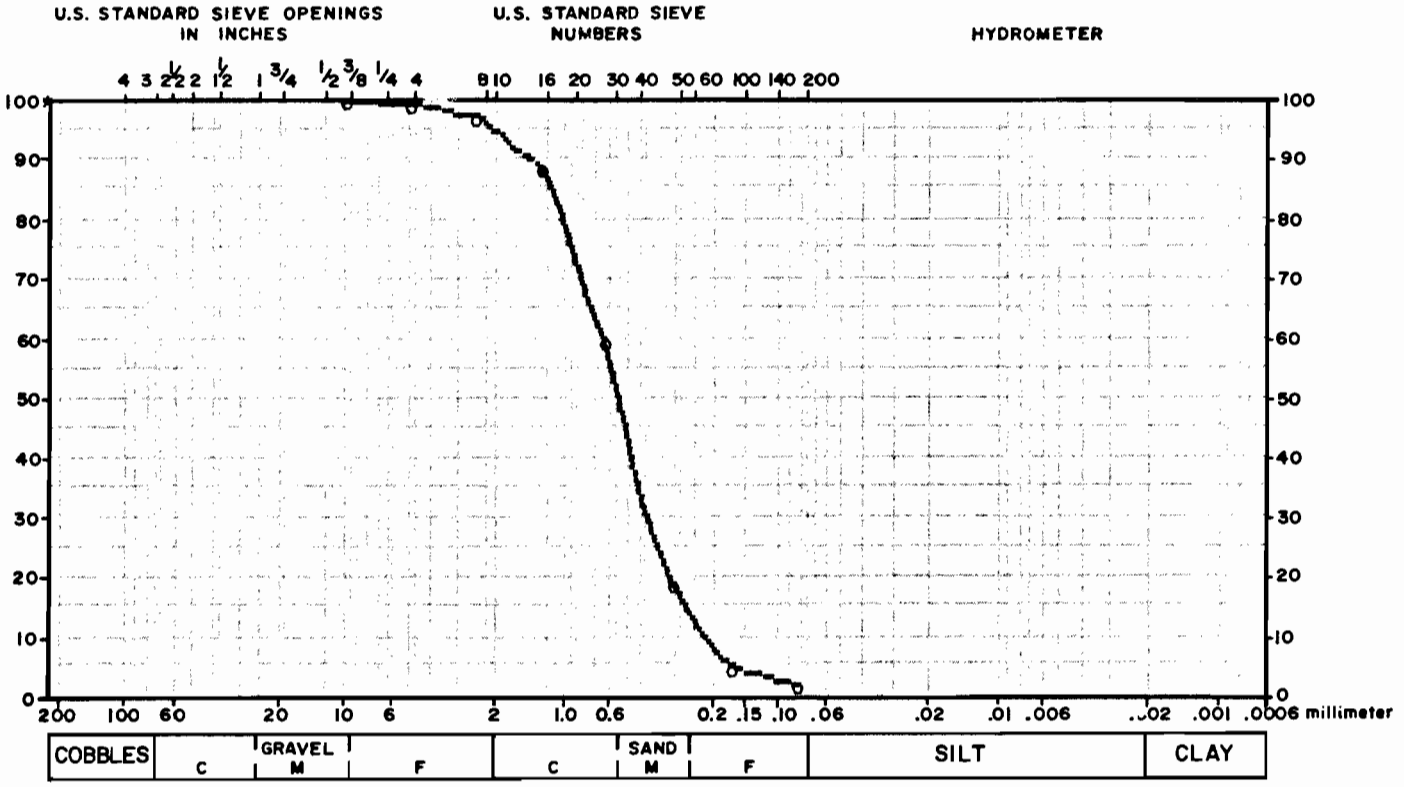
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12944 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/16/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 11 I, S-1, 46.0'-48.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	0.00	100.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	.58	99.42	-
8	2.28	97.14	-
16	8.42	88.72	-
30	29.03	59.69	-
50	40.24	19.45	-
100	13.94	5.52	-
200	3.41	2.11	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 2.1%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

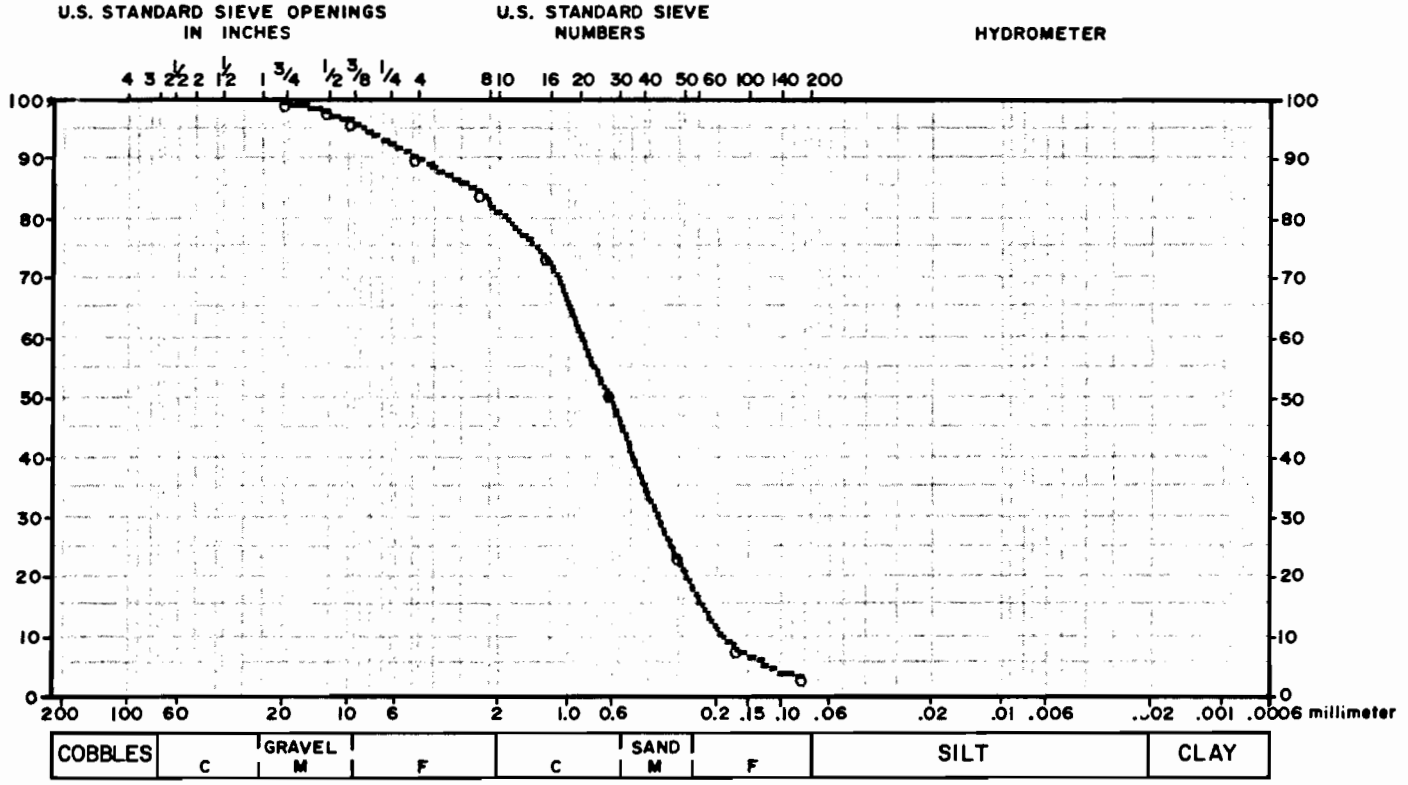
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12945 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/16/84
REVIEWED BY: [signature] DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 11 S, S-1, 32.0'-34.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/4	0.00	100.00	-
1/2	1.59	98.41	-
3/8	1.84	96.58	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	5.80	90.77	-
8	6.12	84.65	-
16	10.37	74.29	-
30	23.18	51.11	-
50	27.11	24.00	-
100	15.41	8.59	-
200	5.20	3.39	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 3.4%
WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

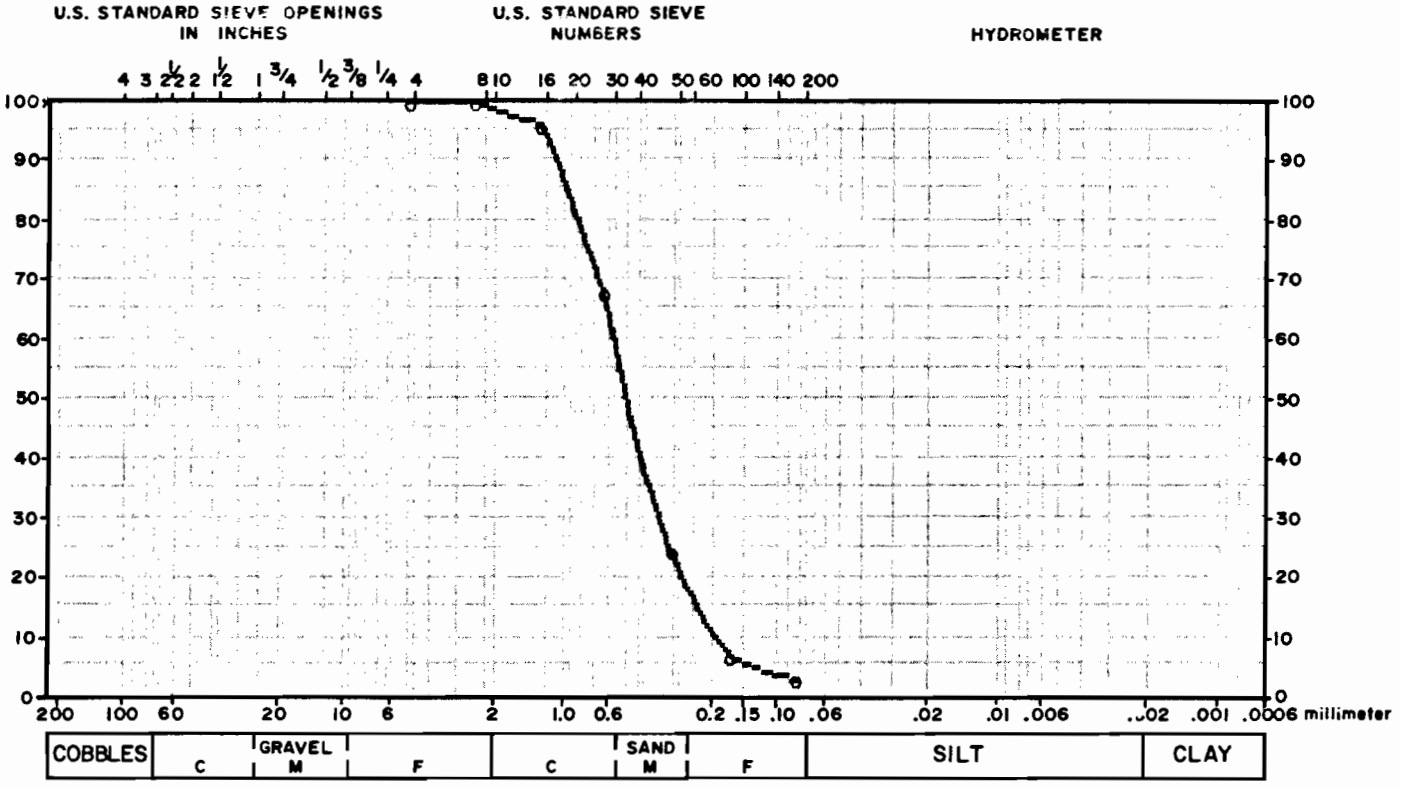
JMU

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY, NOTT ST.		
LAB NUMBER:	12946	DATE RECEIVED:	7/5/84
TEST BY:	JWH	DATE TESTED:	7/16/84
REVIEWED BY:	[illegible]	DATE REPORTED:	7/17/84
SAMPLE DESCR:	BORING DGC 12, S-10, 45.0'-47.0'		

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.20	99.80	-
16	4.07	95.73	-
30	27.42	68.31	-
50	43.37	24.94	-
100	17.78	7.16	-
200	4.56	2.60	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 2.6%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA

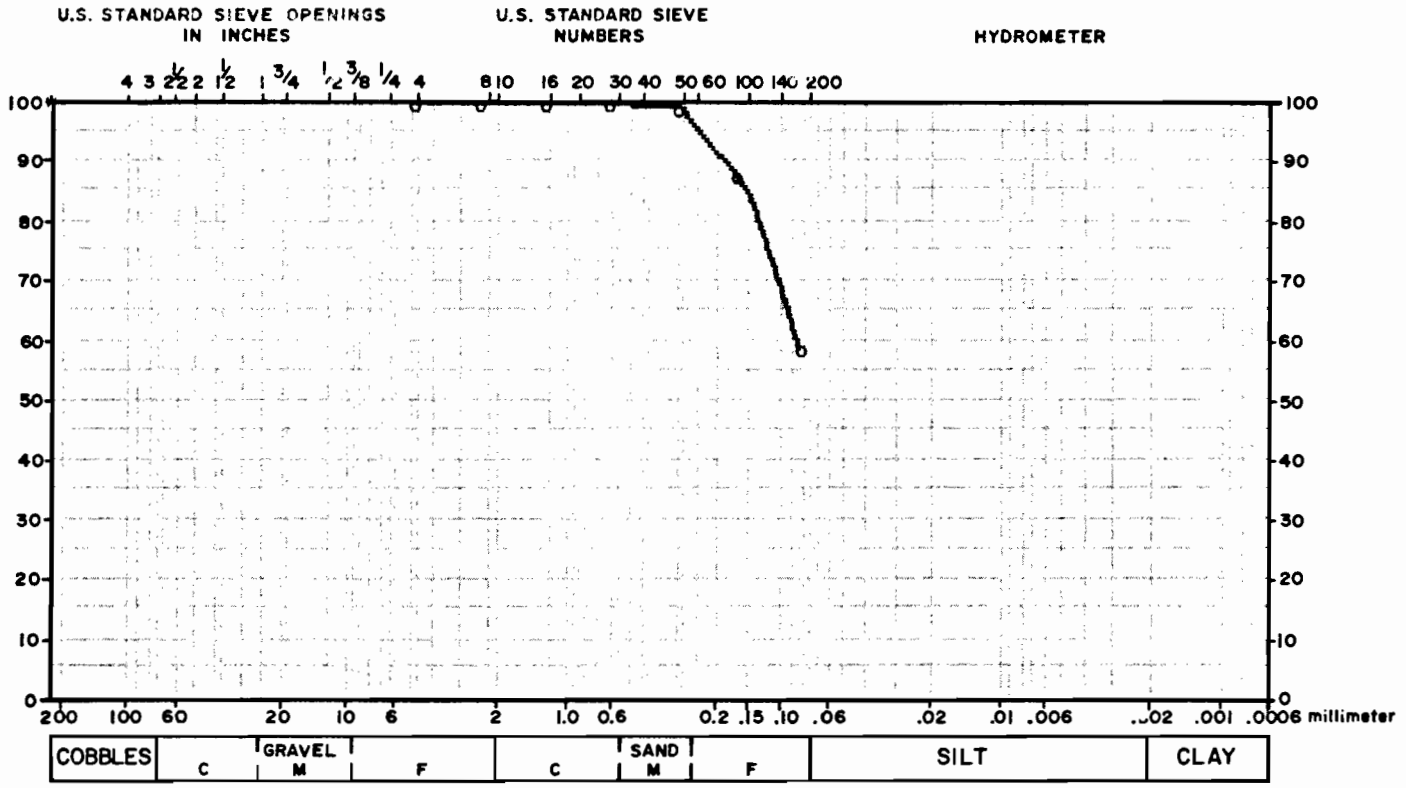
NOTES: NONE

TM11

Dunn Geoscience Laboratory
5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 12947 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/17/84
REVIEWED BY: MJZ DATE REPORTED: 7/24/84
SAMPLE DESCR: BORING DGC-12 S-13 60.0'- 62.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	.07	99.93	-
50	.64	99.29	-
100	11.02	88.27	-
200	29.89	58.37	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 58.4%
WASH LOSS = 46.5%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE
NOTES: NONE

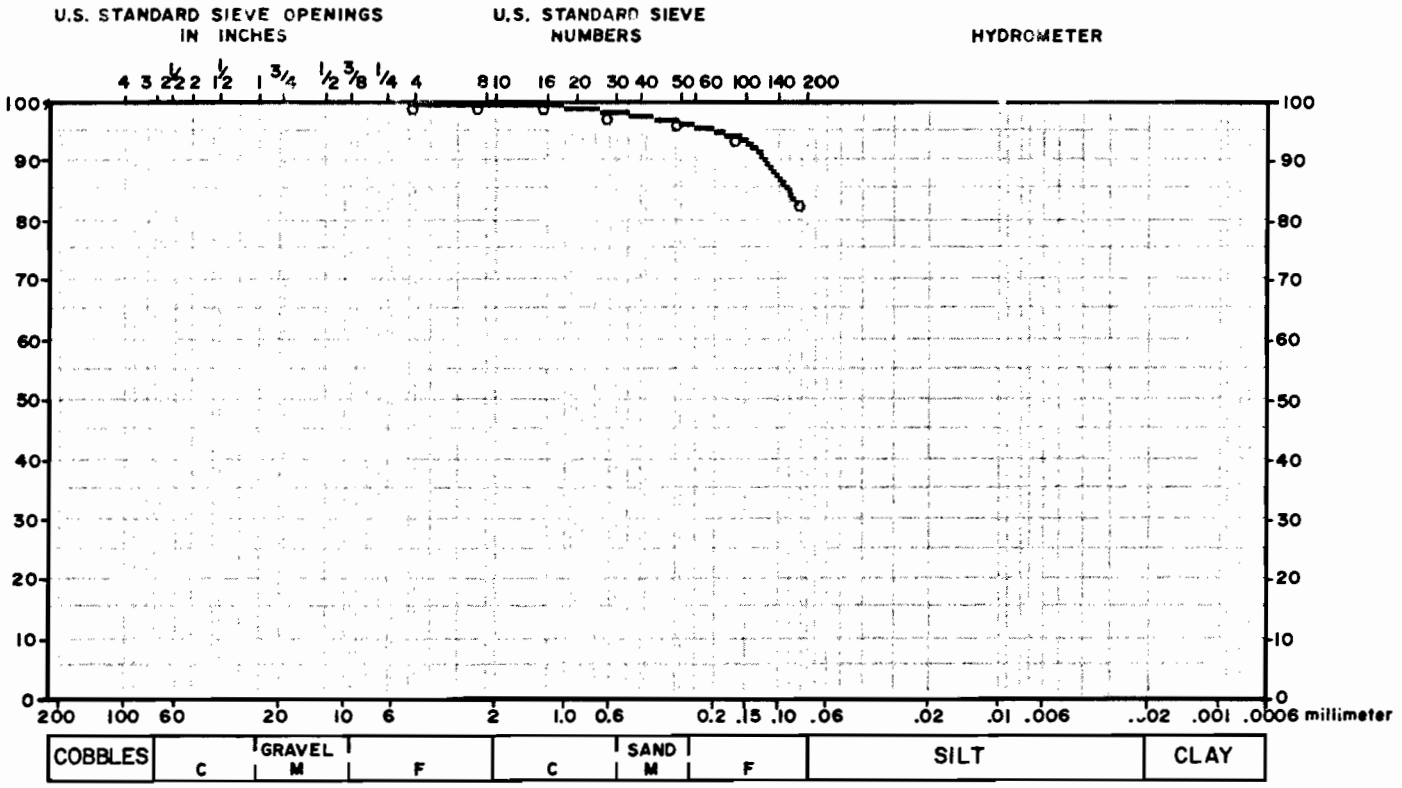
Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY	NOTT STREET	
LAB NUMBER:	12948	DATE RECEIVED:	7/5/84
TEST BY:	JWH	DATE TESTED:	7/17/84
REVIEWED BY:	MJ3	DATE REPORTED:	7/24/84
SAMPLE DESCR:	BORING DGC-12I S-2	35.0'- 37.0'	

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.07	99.93	-
30	.97	98.95	-
50	1.72	97.23	-
100	2.24	94.99	-
200	11.59	83.40	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 83.4%

WASH LOSS = 81.0%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C-136 ASTM C-117

TEST STANDARD: NONE

NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

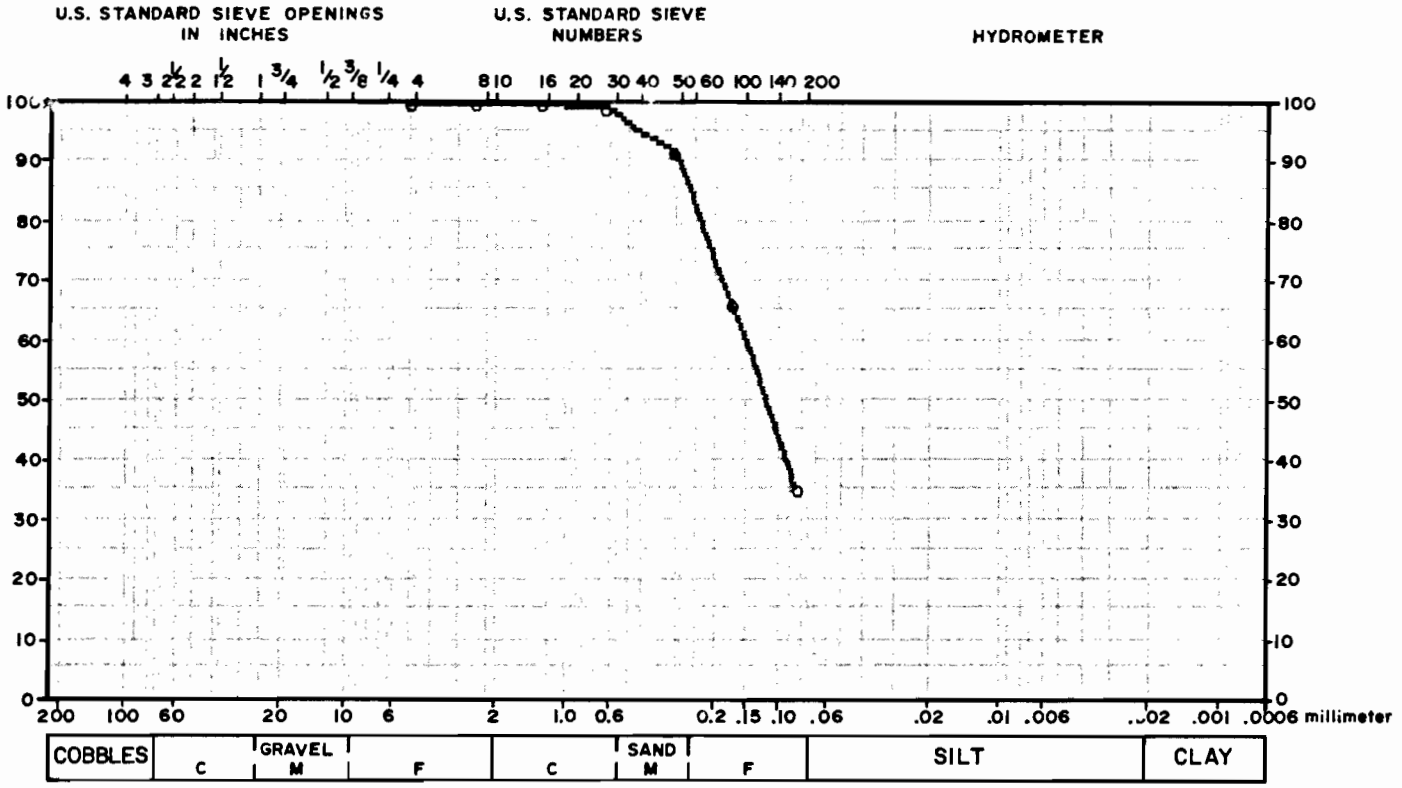
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12949 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/16/84
REVIEWED BY: [illegible] DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 12 S, S-2, 23.0'-25.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	.85	99.15	-
50	7.41	91.75	-
100	24.81	66.94	-
200	31.28	35.66	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 35.7%

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

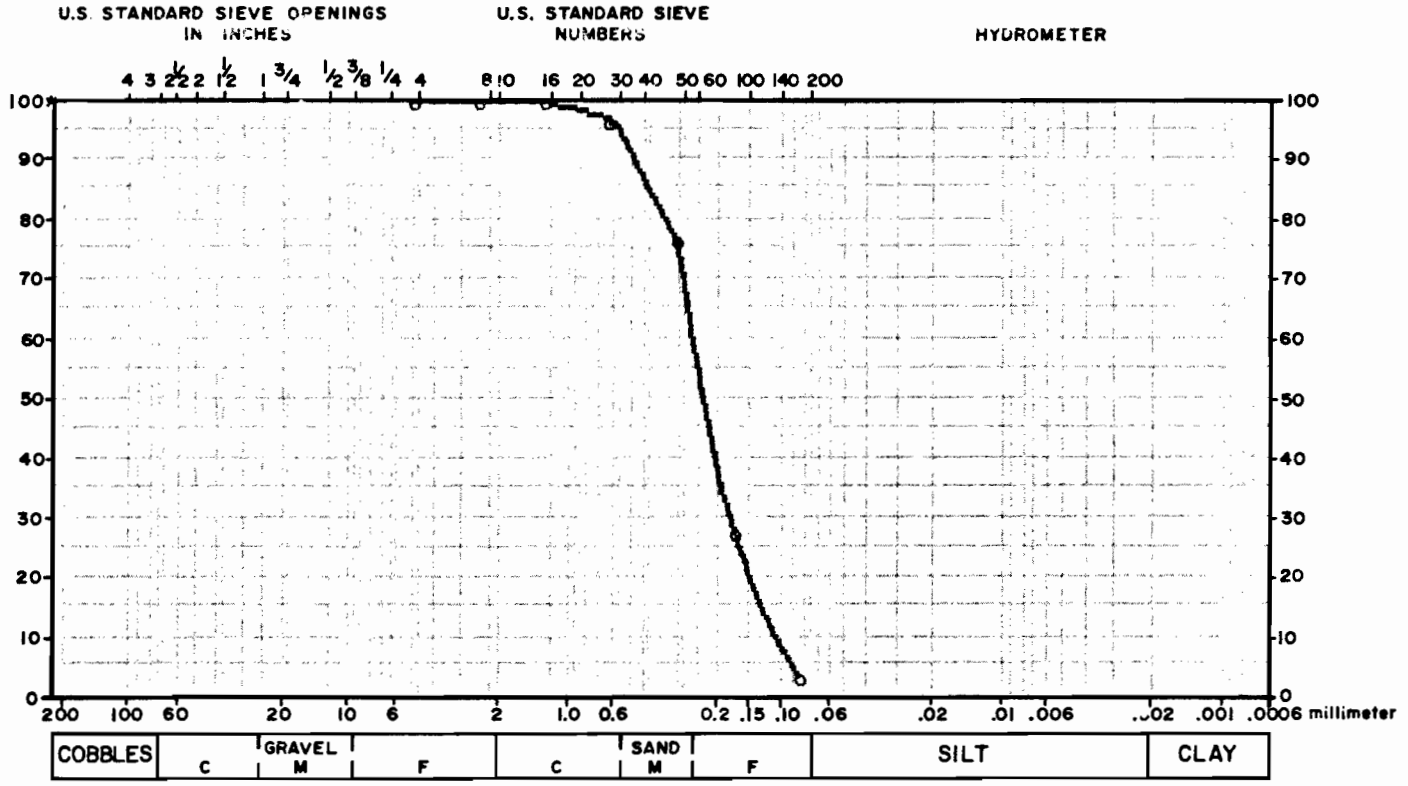
TEST STANDARD: NA
NOTES: NONE

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT ST.
LAB NUMBER: 12950 DATE RECEIVED: 7/5/84
TEST BY: JWH DATE TESTED: 7/12/84
REVIEWED BY: DATE REPORTED: 7/17/84
SAMPLE DESCR: BORING DGC 13, S-2, 5.0'-7.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	0.00	100.00	-
16	.21	99.79	-
30	3.08	96.70	-
50	19.74	76.96	-
100	48.92	28.04	-
200	24.53	3.51	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 3.5%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NA
NOTES: NONE

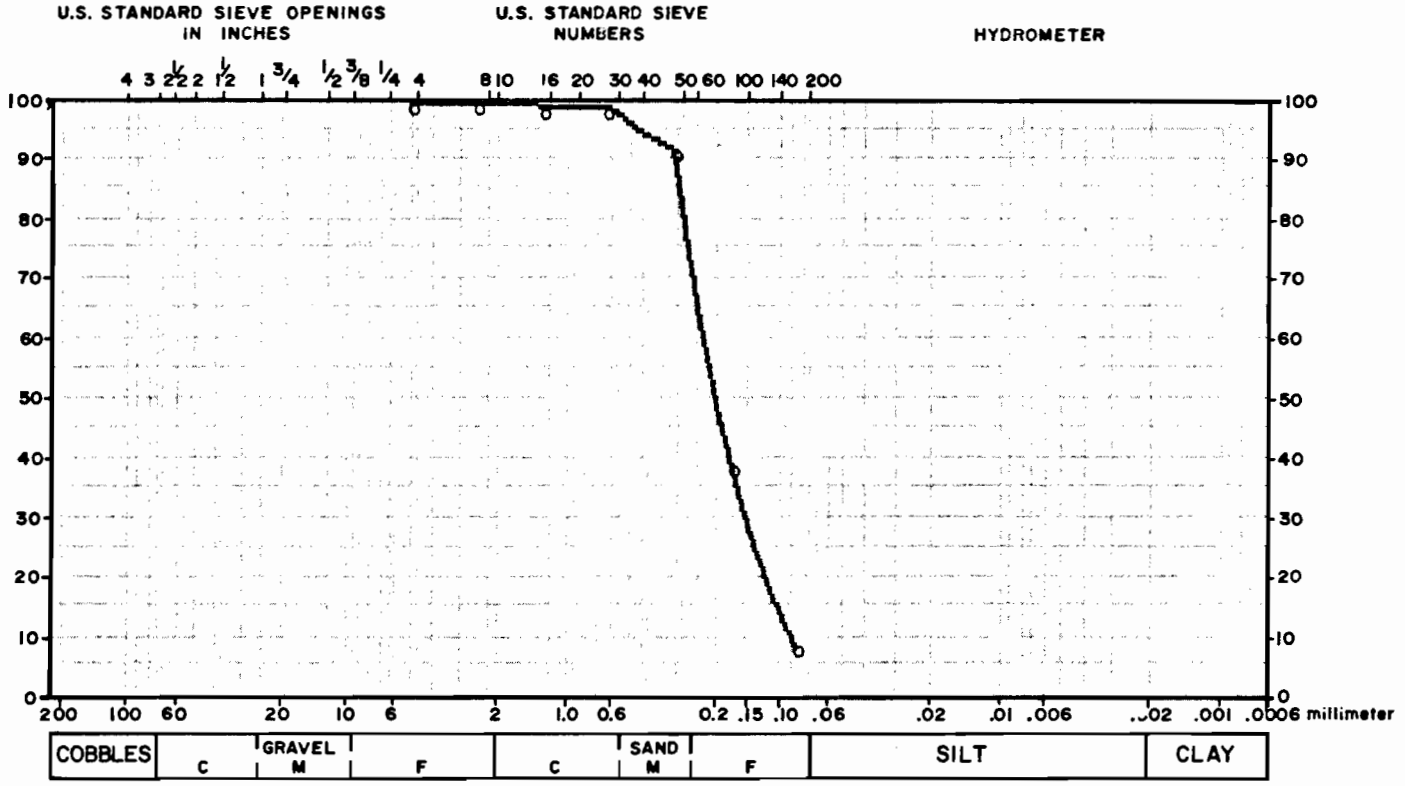
JM11

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY
LAB NUMBER: 84-8-47 DATE RECEIVED: 8/23/84
TEST BY: JWH DATE TESTED: 8/24/84
REVIEWED BY: MJZ DATE REPORTED: 8/27/84
SAMPLE DESCR: TEST BORING DGC-14 S-6 25.0'- 27.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.03	99.97	-
16	.34	99.62	-
30	.34	99.28	-
50	7.38	91.90	-
100	52.75	39.15	-
200	30.34	8.81	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 8.8%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

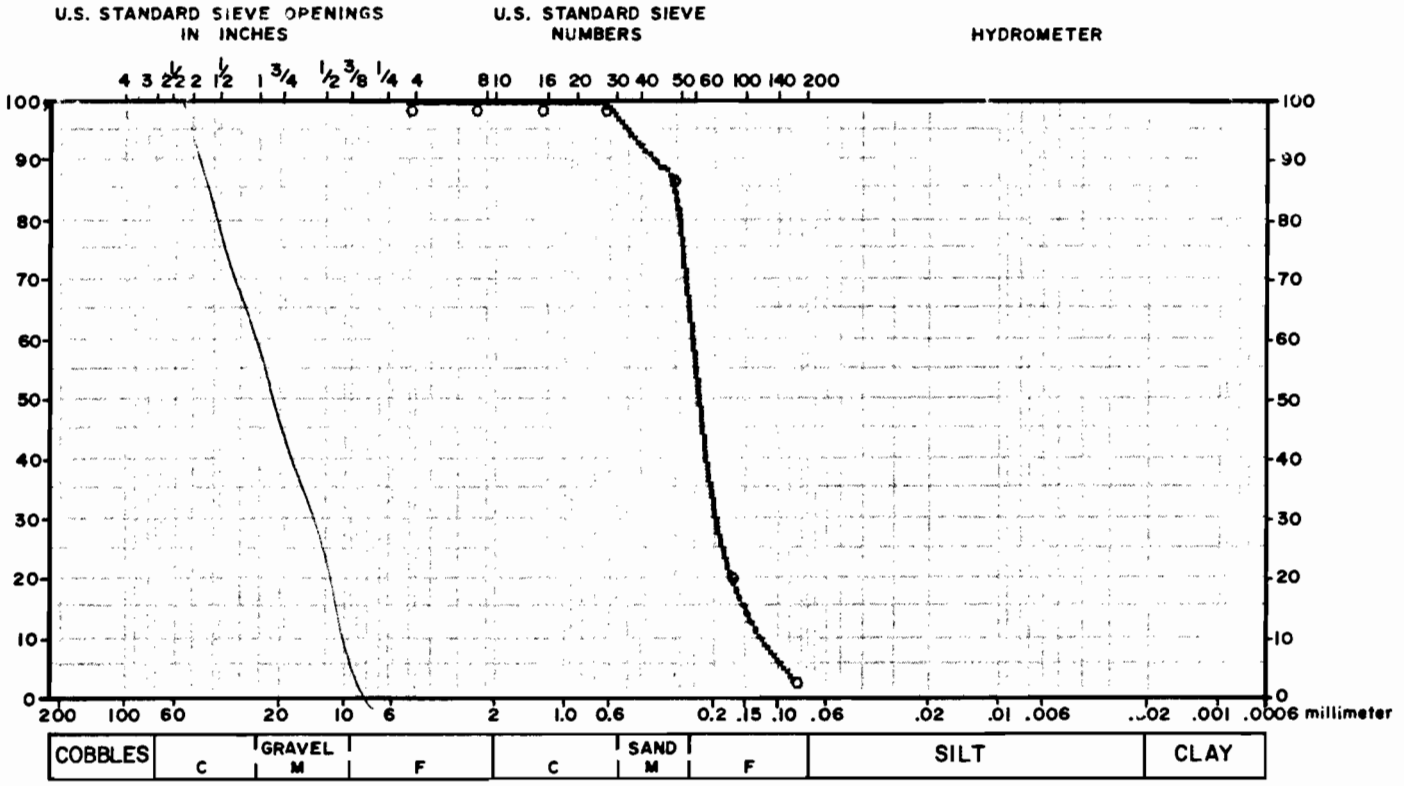
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY
LAB NUMBER: 84-8-48 DATE RECEIVED: 8/23/84
TEST BY: JWH DATE TESTED: 8/24/84
REVIEWED BY: MJZ DATE REPORTED: 8/27/84
SAMPLE DESCR: TEST BORING DGC-14 S-11 50.0'- 52.0'

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	4	0.00	100.00	-			
-	0.00	0.00	-	8	0.00	100.00	-			
-	0.00	0.00	-	16	.04	99.96	-			
-	0.00	0.00	-	30	.19	99.78	-			
-	0.00	0.00	-	50	12.06	87.71	-			
-	0.00	0.00	-	100	66.53	21.18	-			
-	0.00	0.00	-	200	18.17	3.02	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 3.0%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

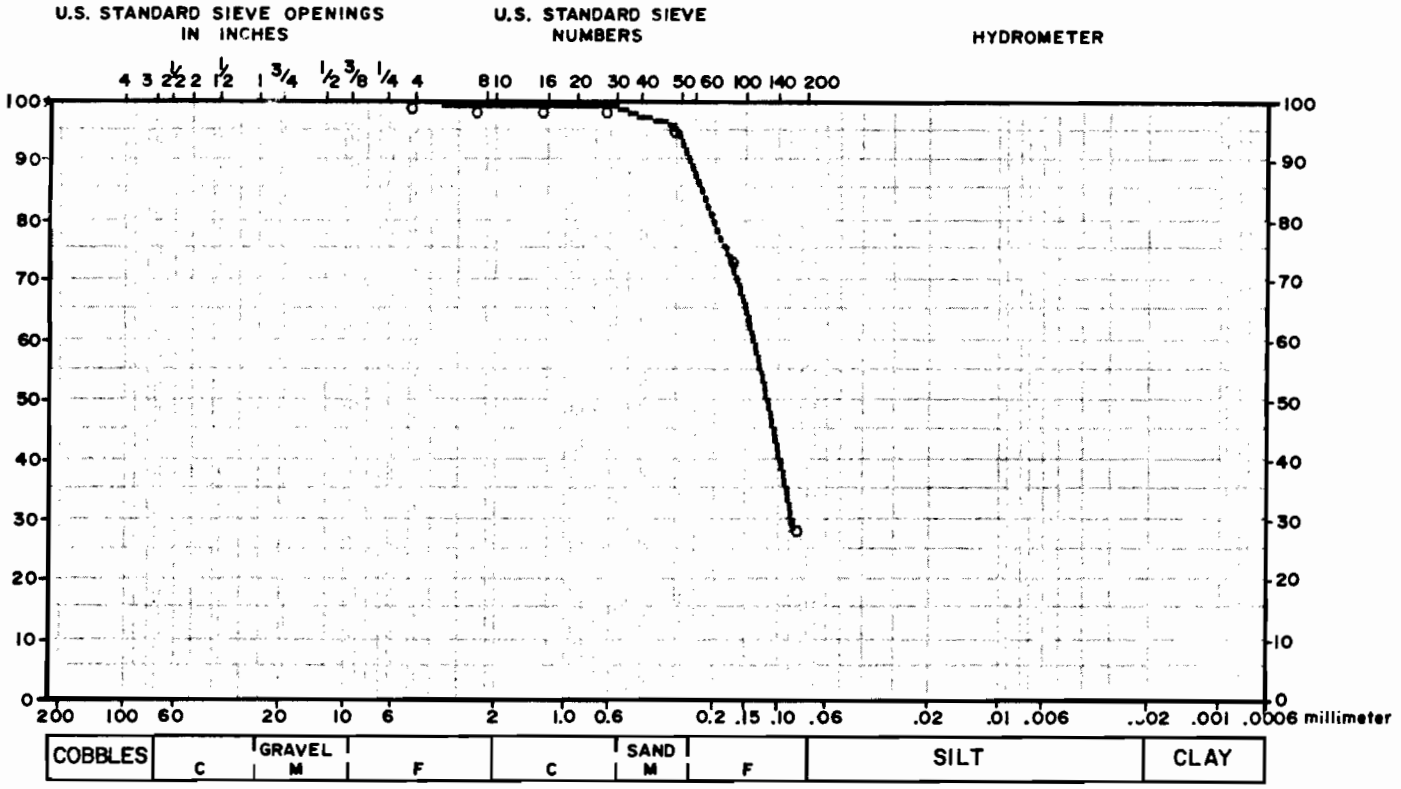
Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY
LAB NUMBER: 84-8-49 DATE RECEIVED: 8/23/84
TEST BY: JWH DATE TESTED: 8/24/84
REVIEWED BY: MJZ DATE REPORTED: 8/27/84
SAMPLE DESCR: TEST BORING DGC-14 S-18 85.0'- 87.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	.14	99.86	-
8	.28	99.58	-
16	.08	99.49	-
30	.08	99.41	-
50	3.19	96.22	-
100	22.55	73.67	-
200	45.11	28.56	.3
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 28.5%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

JMU

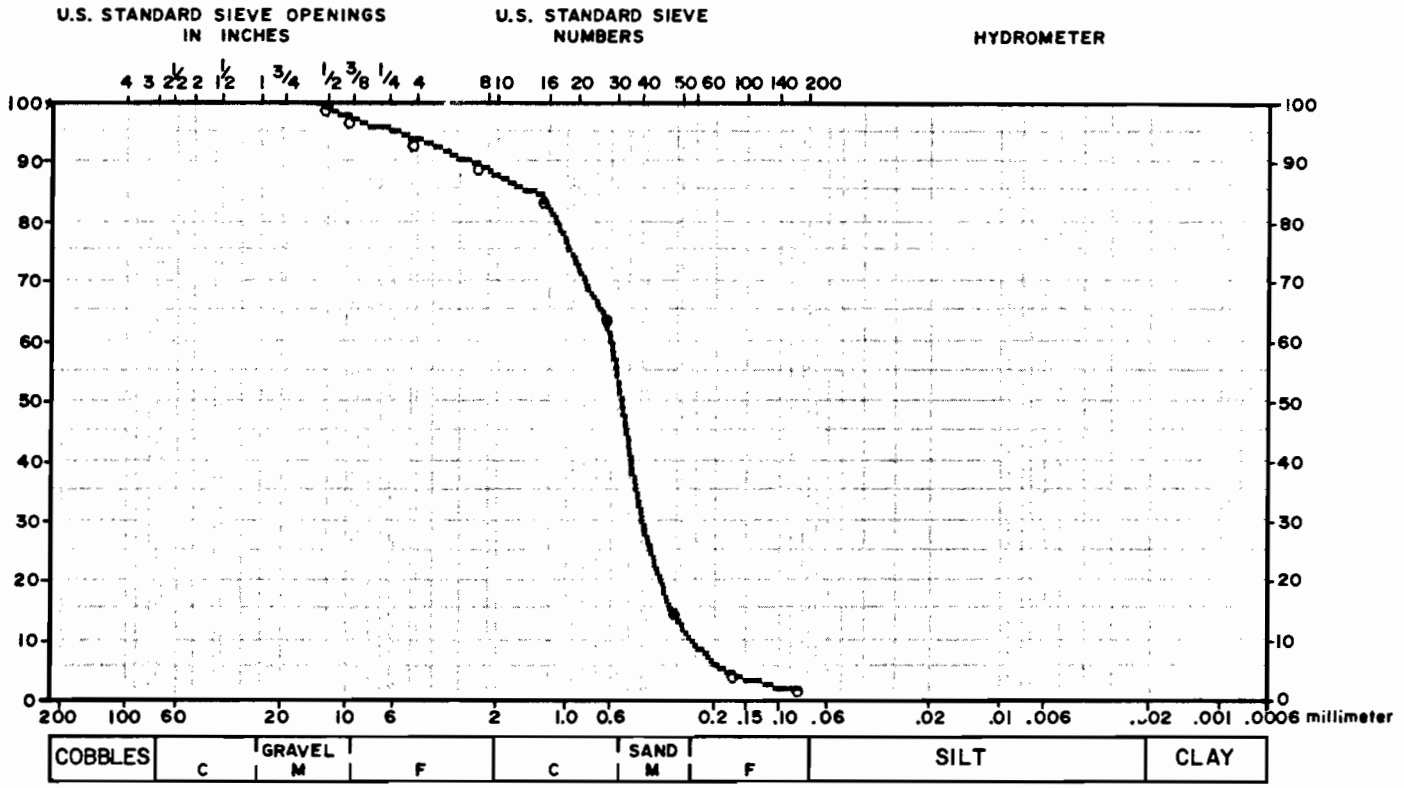
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC NOTT STREET
LAB NUMBER: 84-8-42 DATE RECEIVED: 8/23/84
TEST BY: JWH DATE TESTED: 8/24/84
REVIEWED BY: MJ DATE REPORTED: 8/27/84
SAMPLE DESCR: TEST BORING DGC-15 S-11 20.0'- 22.0'

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
1/2	0.00	100.00	-	3/8	2.04	97.96	-			
-	0.00	0.00	-	4	3.63	94.33	-			
-	0.00	0.00	-	8	4.42	89.91	-			
-	0.00	0.00	-	16	5.58	84.34	-			
-	0.00	0.00	-	30	19.96	64.38	-			
-	0.00	0.00	-	50	48.75	15.63	-			
-	0.00	0.00	-	100	11.15	4.48	-			
-	0.00	0.00	-	200	2.66	1.82	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 1.8%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

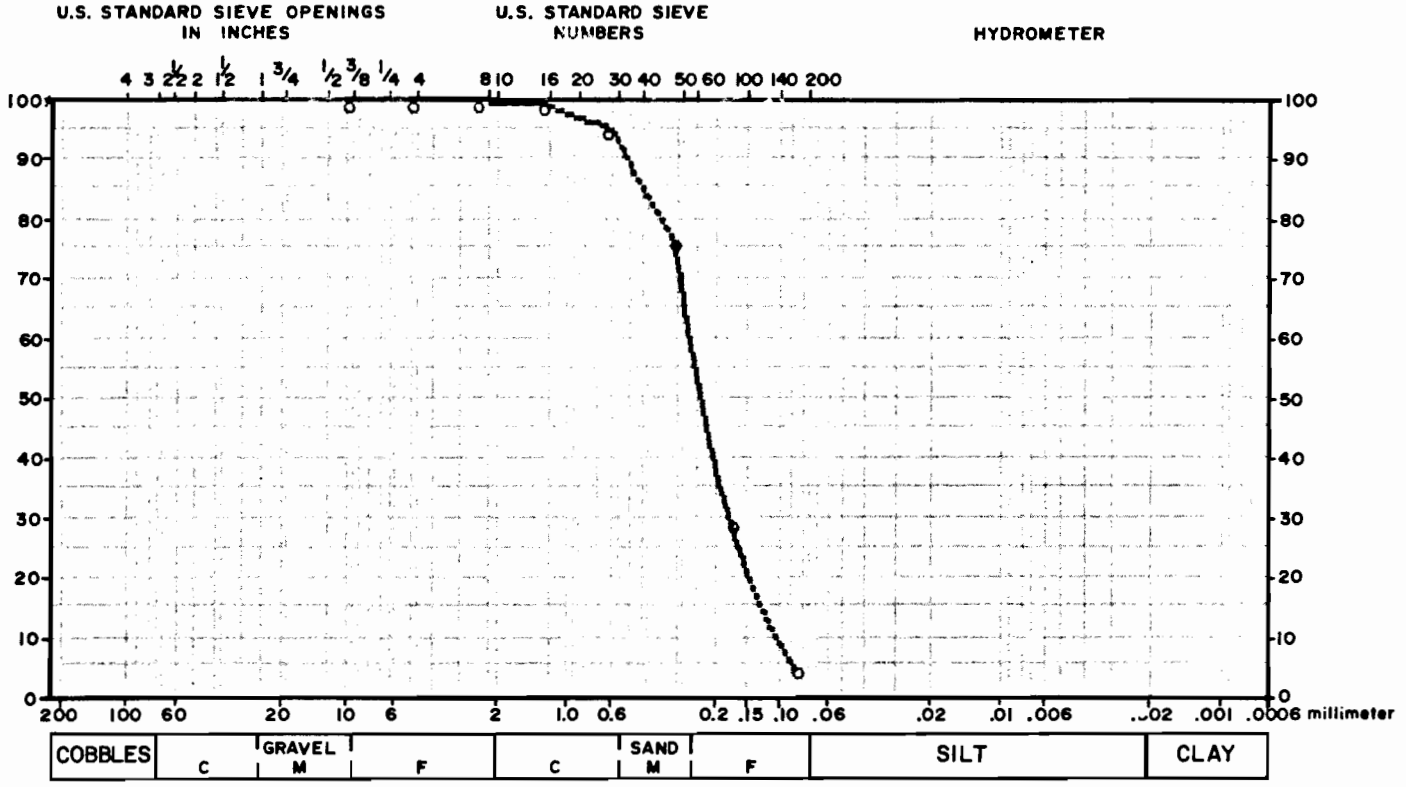
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT:	GENERAL ELECTRIC COMPANY, NOTT STREET		
LAB NUMBER:	84-8-43	DATE RECEIVED:	8/23/84
TEST BY:	JWH	DATE TESTED:	8/24/84
REVIEWED BY:	MJZ	DATE REPORTED:	8/27/84
SAMPLE DESCR:	TEST BORING DGC-15 S-22 42.0' - 44.0'		

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	3/8	0.00	100.00	-			
-	0.00	0.00	-	4	.09	99.91	-			
-	0.00	0.00	-	8	.13	99.78	-			
-	0.00	0.00	-	16	.47	99.31	-			
-	0.00	0.00	-	30	4.03	95.28	-			
-	0.00	0.00	-	50	18.76	76.52	-			
-	0.00	0.00	-	100	47.17	29.35	-			
-	0.00	0.00	-	200	24.60	4.75	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 4.8%

WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE

NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

JMU

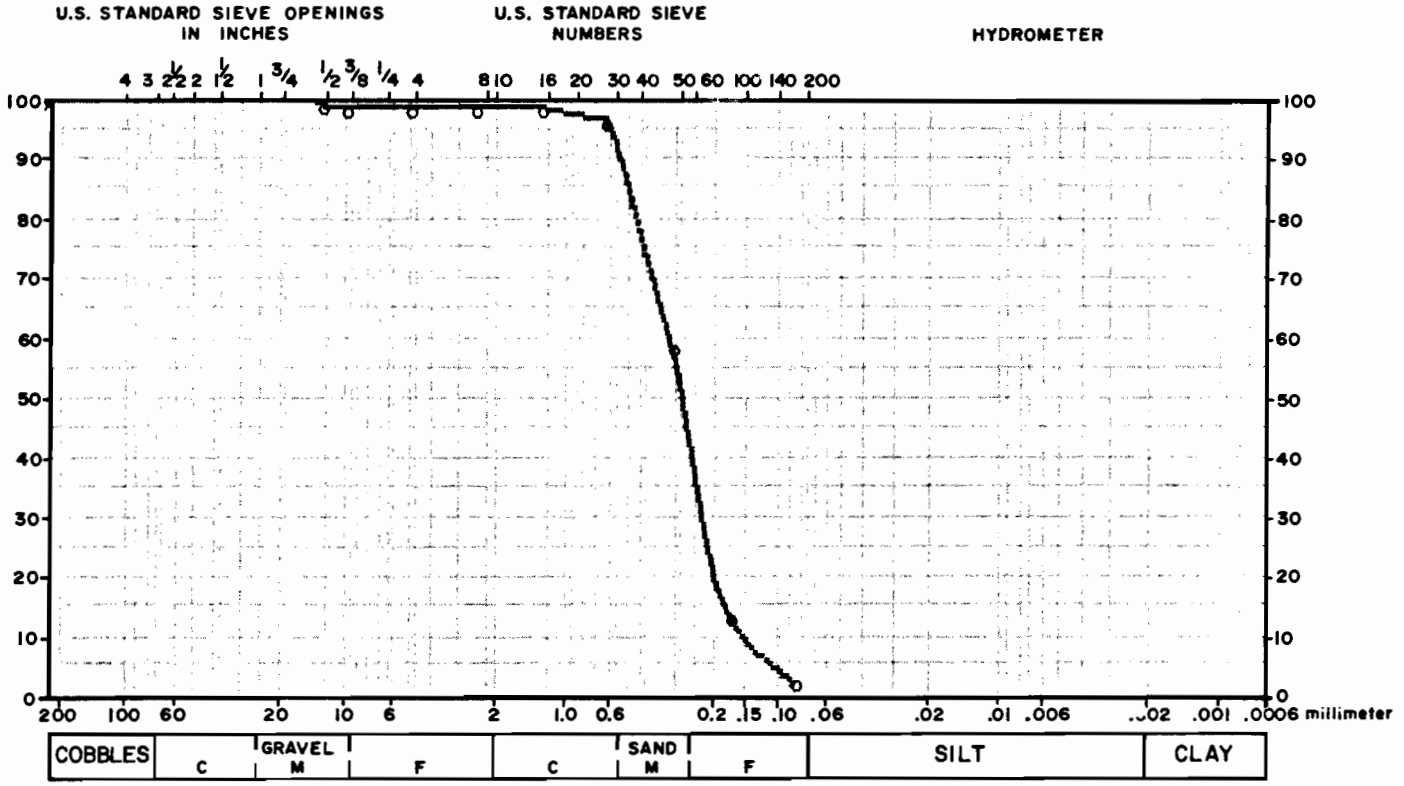
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY, NOTT STREET
LAB NUMBER: 84-8-44 DATE RECEIVED: 8/23/84
TEST BY: JWH DATE TESTED: 8/24/84
REVIEWED BY: MQZ DATE REPORTED: 8/27/84
SAMPLE DESCR: TEST BORING DGC-15 S-29 56.0' - 58.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
1/2	0.00	100.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	.76	99.24	-
4	0.00	99.24	-
8	0.00	99.24	-
16	.05	99.19	-
30	2.10	97.09	-
50	37.53	59.56	-
100	45.36	14.20	-
200	11.31	2.88	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 2.9%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

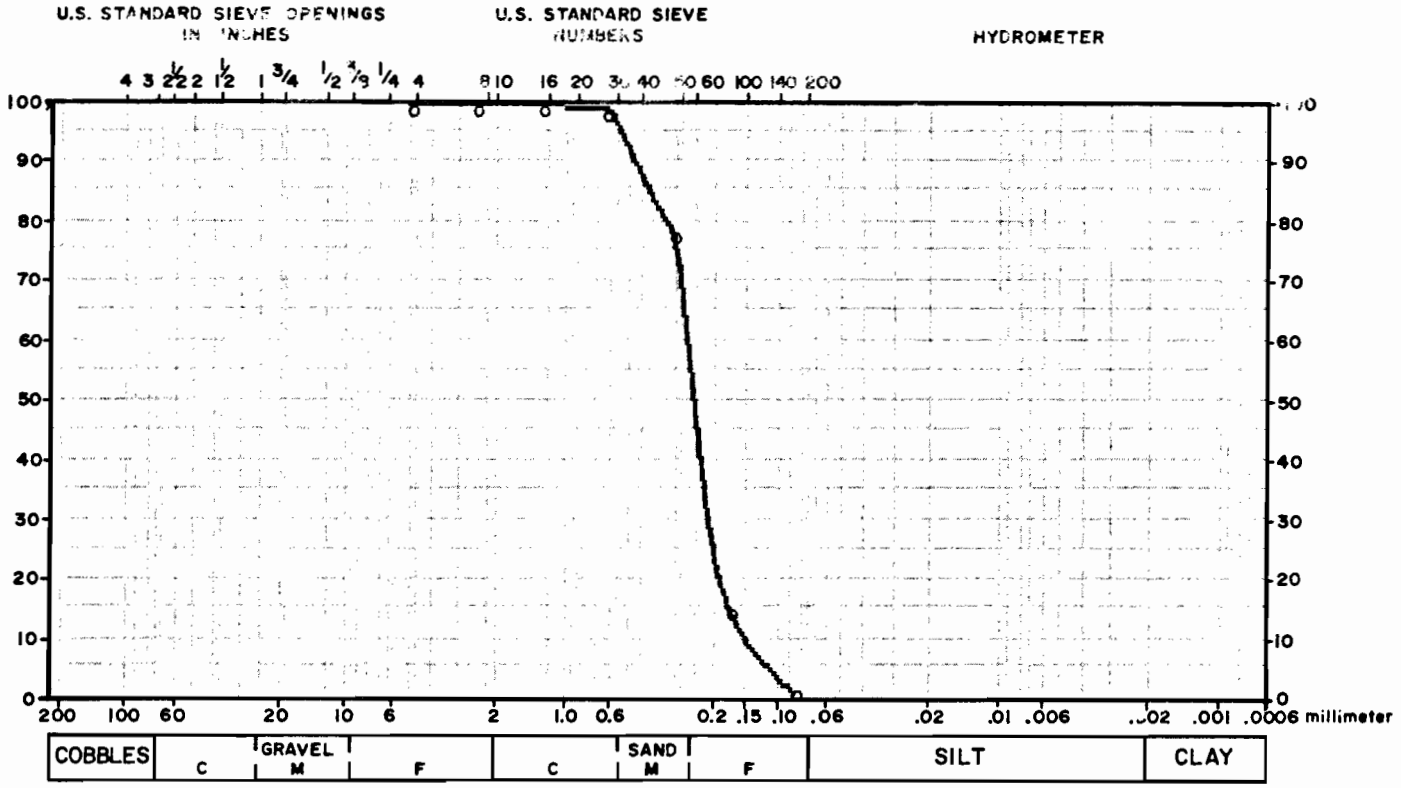
TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory
5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY, NOTT STREET
LAB NUMBER: 84-8-45 DATE RECEIVED: 8/23/84
TEST BY: JWH DATE TESTED: 8/24/84
REVIEWED BY: MJB DATE REPORTED: 8/27/84
SAMPLE DESCR: TEST BORING DGC-15 S-48 94.0'- 96.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.03	99.97	-
16	.09	99.88	-
30	.49	99.39	-
50	20.75	78.65	-
100	63.54	15.10	-
200	13.51	1.59	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 1.6%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

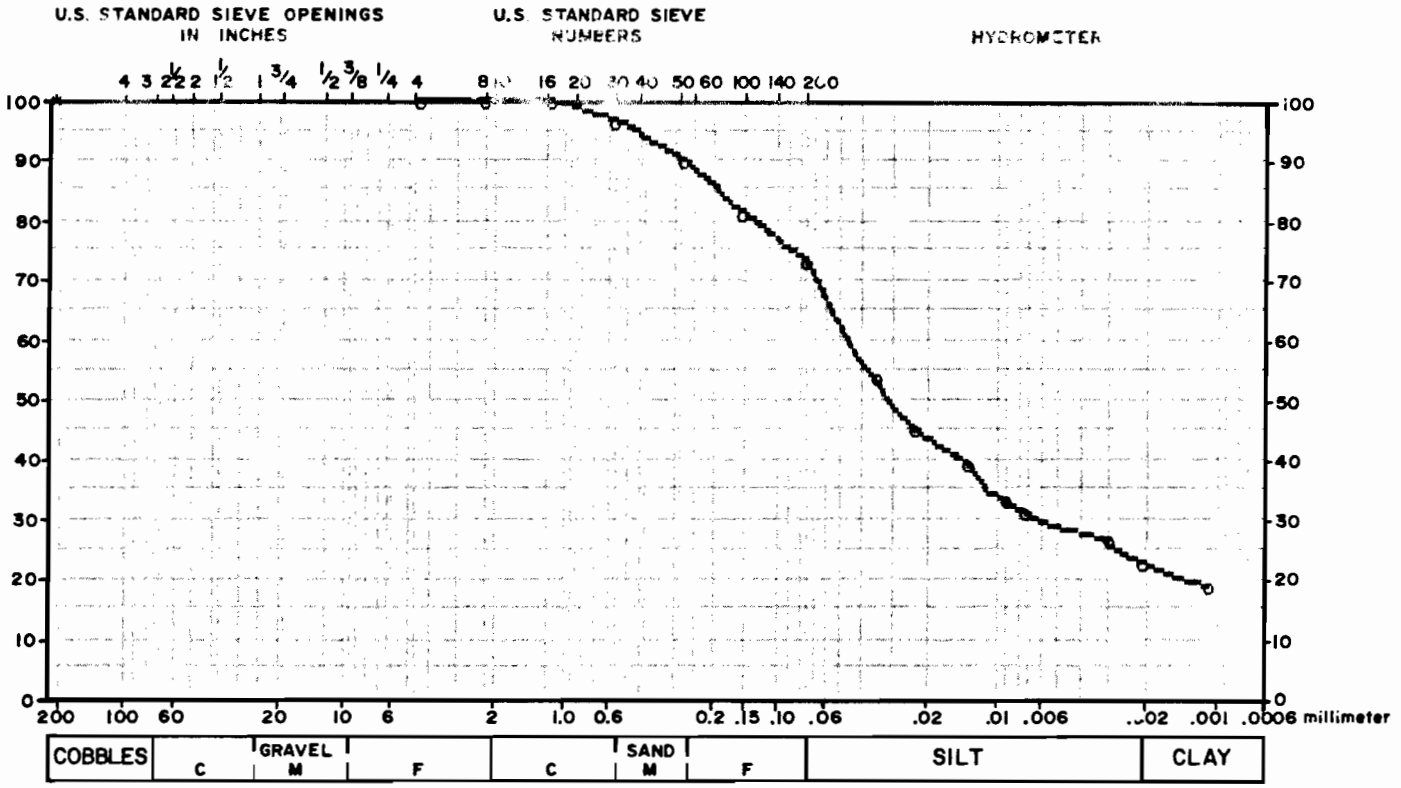
Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 84-8-46 DATE RECEIVED: 8/24/84
TEST BY: JWH DATE TESTED: 8/25/84
REVIEWED BY: MJZ DATE REPORTED: 8/31/84
SAMPLE DESCR: TEST BORING DGC-15 S-59 116.0'- 118.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
4	0.00	100.00	-
8	.07	99.93	-
16	.14	99.79	-
30	3.14	96.65	-
50	6.71	89.94	-
100	8.28	81.66	-
200	8.64	73.02	-
-	0.00	0.00	-

PAN = 73.0%

WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
.036	53.74	E hydro
.023	45.47	Eom
.013	39.27	Eom
.009	33.07	Eom
.007	31.00	Eom
.003	26.87	Eom
.002	22.74	Eom
.001	18.60	Eom

SPECIFICATION: ASTM C 136 ASTM D 422

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

JM

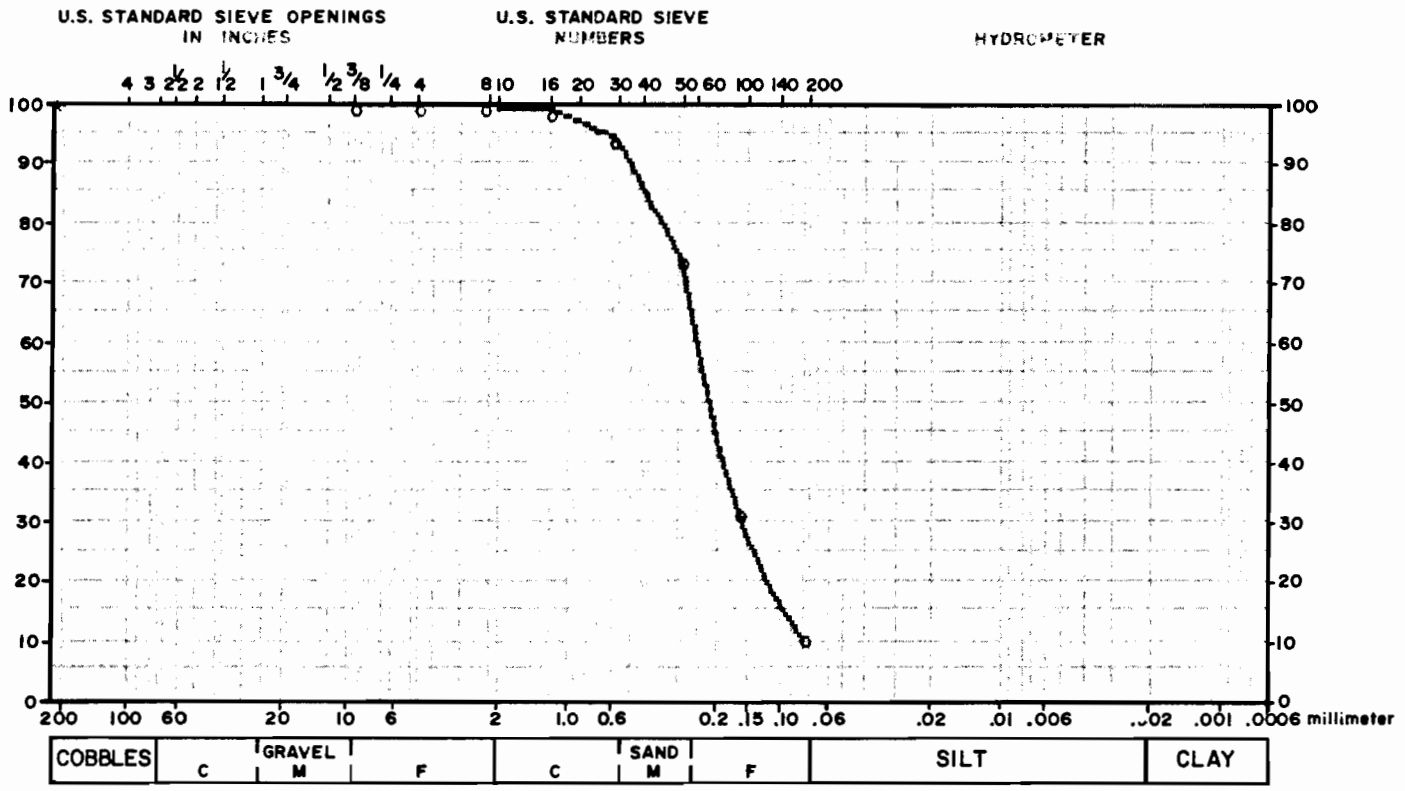
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 84-9-20/383-5-2973 DATE RECEIVED: 9/21/84
TEST BY: JWH DATE TESTED: 9/25/84
REVIEWED BY: MJZ DATE REPORTED: 10/1/84
SAMPLE DESCR: TEST BORING DGC-16I S-1 24.0'- 26.0'

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	3/8	0.00	100.00	-			
-	0.00	0.00	-	4	0.00	100.00	-			
-	0.00	0.00	-	8	.26	99.74	-			
-	0.00	0.00	-	16	.35	99.39	-			
-	0.00	0.00	-	30	4.97	94.42	-			
-	0.00	0.00	-	50	20.36	74.06	-			
-	0.00	0.00	-	100	42.08	31.97	-			
-	0.00	0.00	-	200	21.63	10.34	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 10.3%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

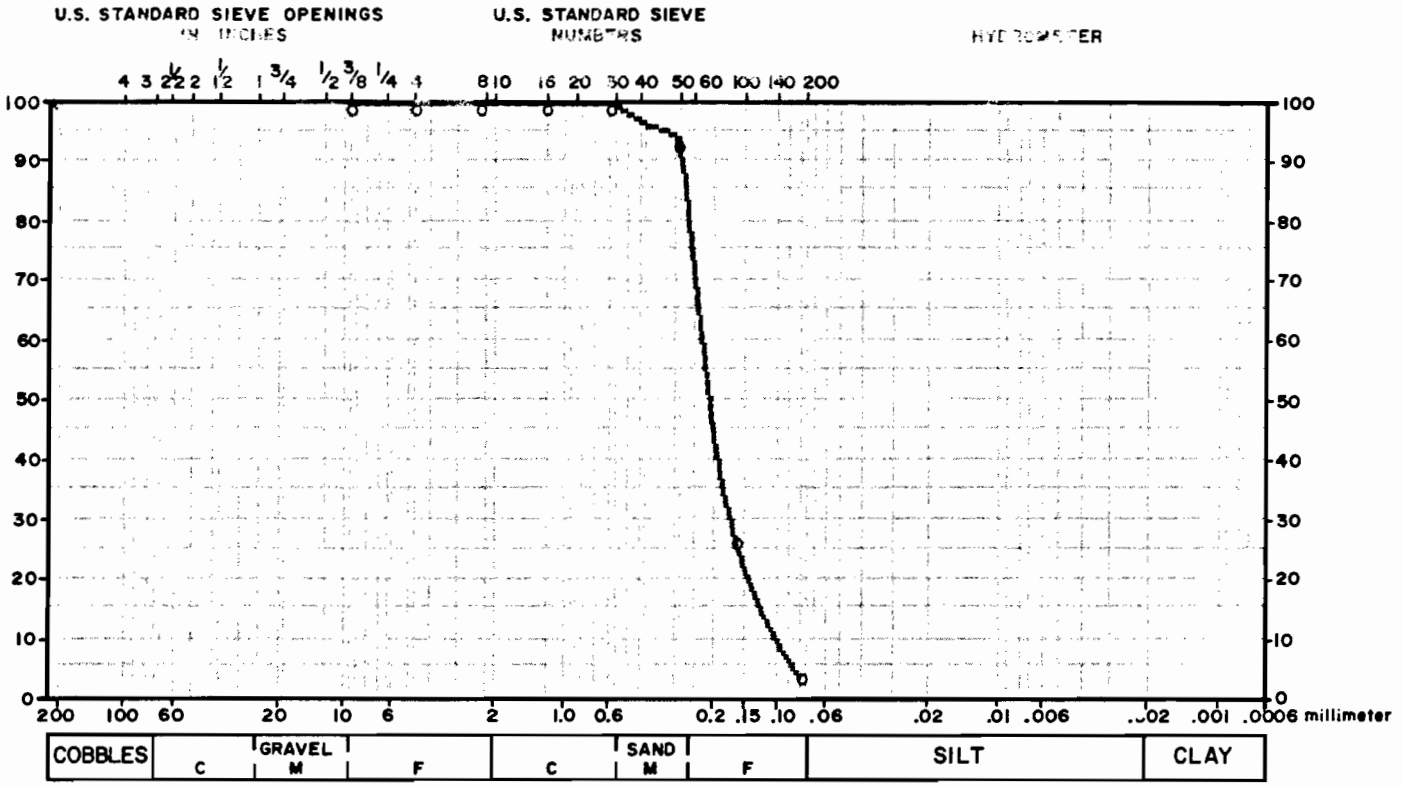
Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 84-9-21/383-5-2973 DATE RECEIVED: 9/21/84
TEST BY: JWH DATE TESTED: 9/25/84
REVIEWED BY: MJZ DATE REPORTED: 10/1/84
SAMPLE DESCR: TEST BORING DGC-18I S-1 39.0'- 41.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	0.00	100.00	-
4	0.00	100.00	-
8	0.00	100.00	-
16	0.00	100.00	-
30	.14	99.86	-
50	5.75	94.11	-
100	66.99	27.12	-
200	23.05	4.07	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

PAN = 4.1%
WASH LOSS WAS NOT TESTED.

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

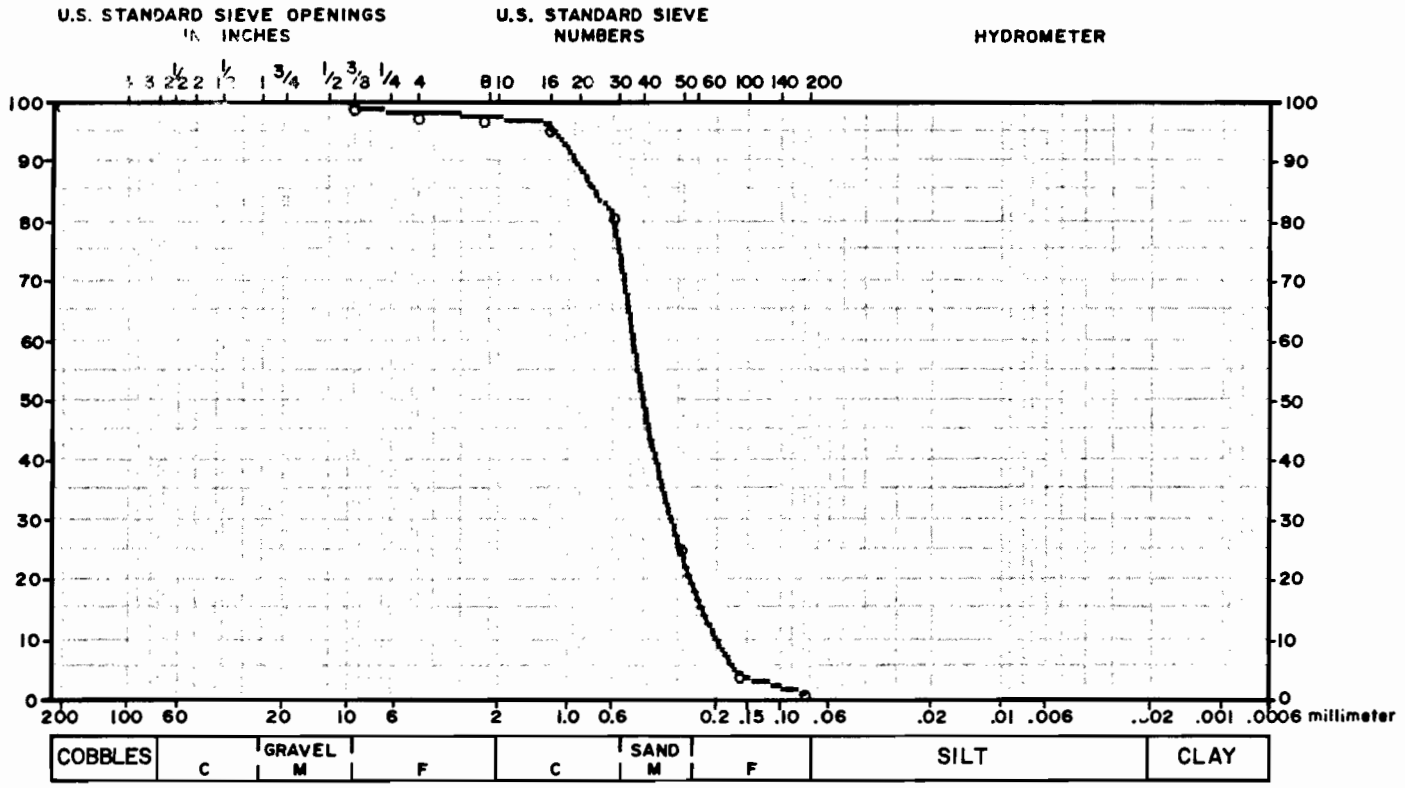
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 84-9-22/383-5-2973 DATE RECEIVED: 9/21/84
TEST BY: JWH DATE TESTED: 9/25/84
REVIEWED BY: MJZ DATE REPORTED: 10/1/84
SAMPLE DESCR: TEST BORING DGC-19S S-9 40.0'- 42.0'

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	3/8	0.00	100.00	-			
-	0.00	0.00	-	4	1.48	98.52	-			
-	0.00	0.00	-	8	.24	98.29	-			
-	0.00	0.00	-	16	1.42	96.87	-			
-	0.00	0.00	-	30	15.10	81.77	-			
-	0.00	0.00	-	50	56.01	25.76	-			
-	0.00	0.00	-	100	20.89	4.87	-			
-	0.00	0.00	-	200	3.43	1.45	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 1.4%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

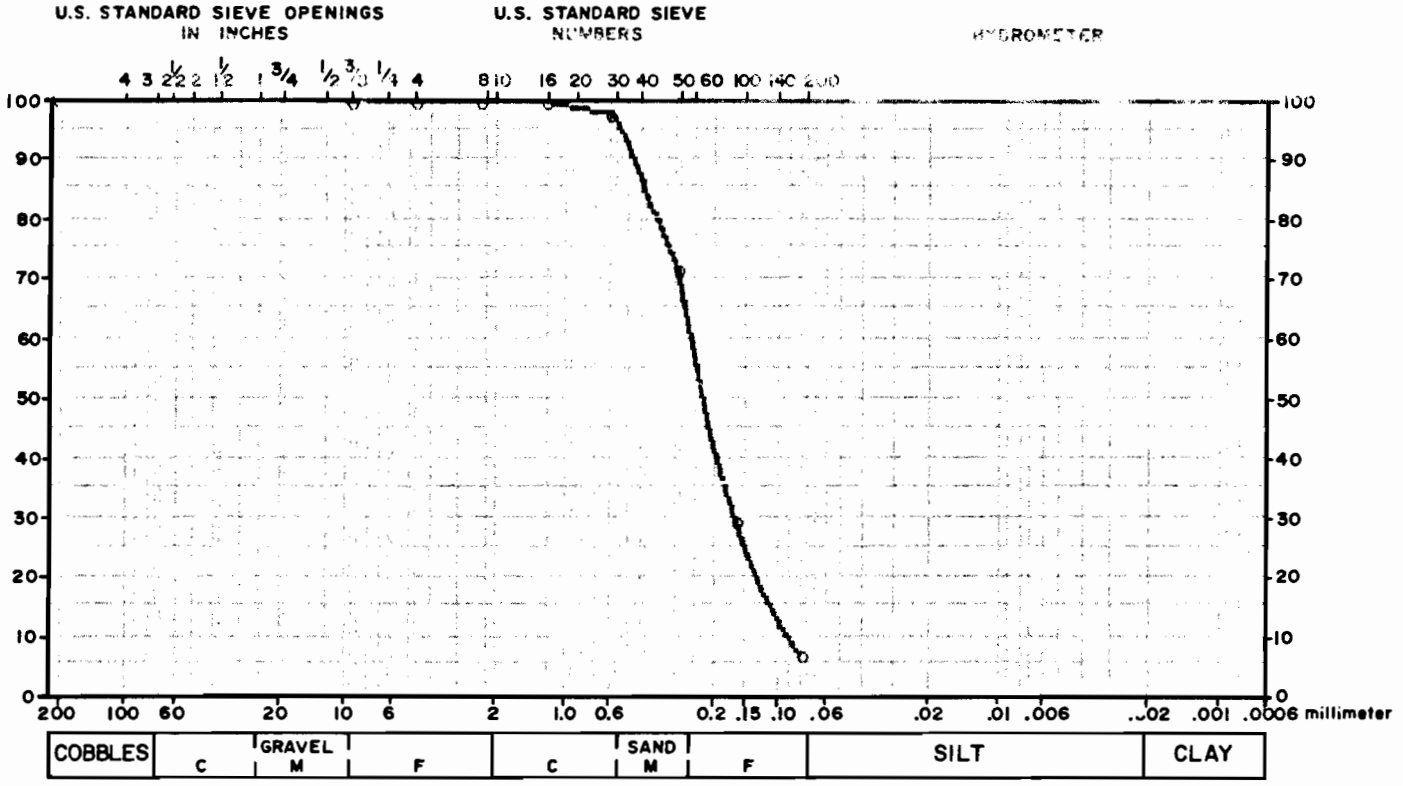
Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY
LAB NUMBER: 84-9-17/383-5-2973 DATE RECEIVED: 9/21/84
TEST BY: JWH DATE TESTED: 9/24/84
REVIEWED BY: DATE REPORTED: 9/27/84
SAMPLE DESCR: TEST BORING DGC-20 S-12 55.0'- 57.0'

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	3/8	0.00	100.00	-			
-	0.00	0.00	-	4	.05	99.95	-			
-	0.00	0.00	-	8	.20	99.75	-			
-	0.00	0.00	-	16	.07	99.68	-			
-	0.00	0.00	-	30	1.94	97.73	-			
-	0.00	0.00	-	50	25.61	72.12	-			
-	0.00	0.00	-	100	42.33	29.80	-			
-	0.00	0.00	-	200	22.72	7.08	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 7.1%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C136

TEST STANDARD: NONE
NOTES: NONE

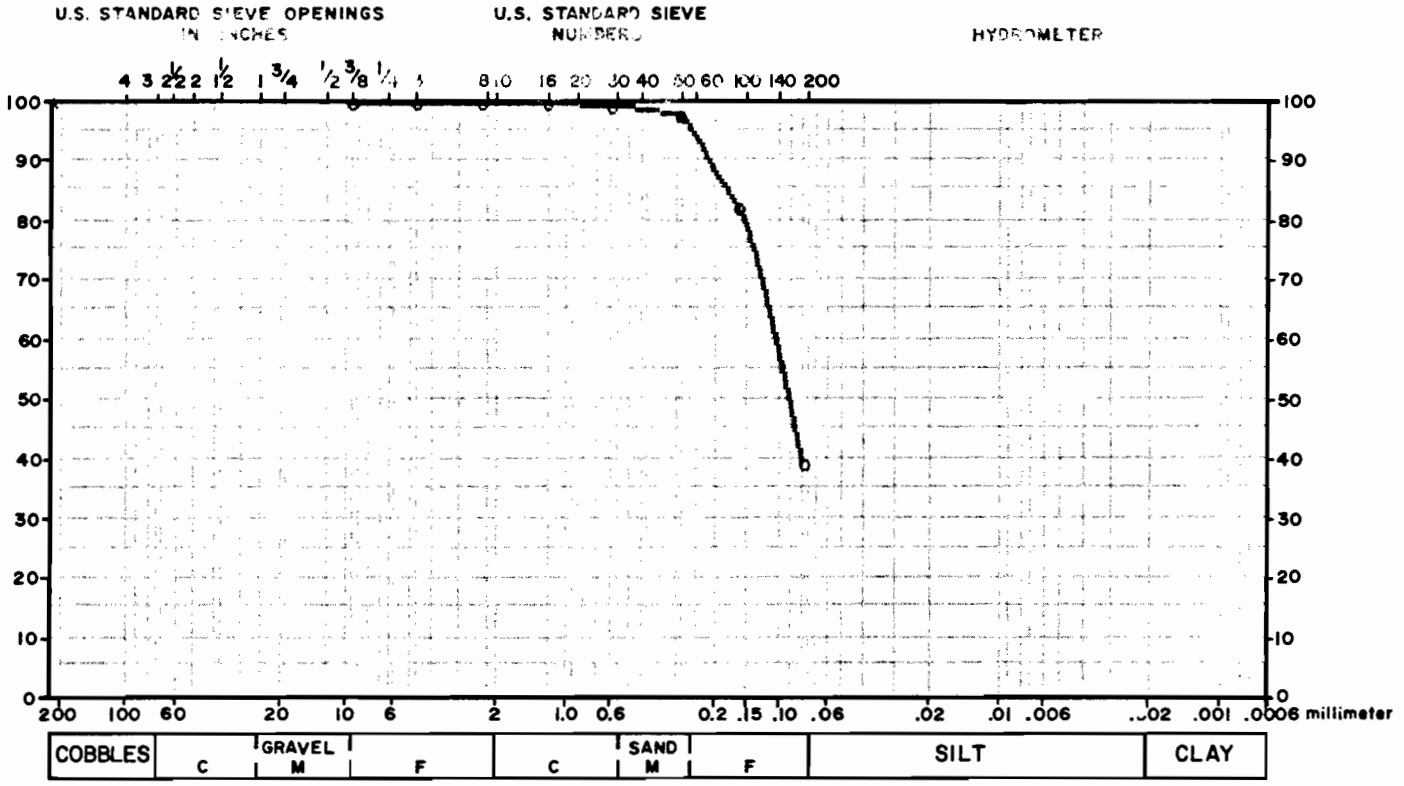
Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT: GENERAL ELECTRIC COMPANY
LAB NUMBER: 84-9-18/383-5-2973 DATE RECEIVED: 9/21/84
TEST BY: JWH DATE TESTED: 9/25/84
REVIEWED BY: MJB DATE REPORTED: 9/28/84
SAMPLE DESCR: TVSD BORING DGC-20 S-19 90.0'- 92.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	0.00	100.00	-
4	0.00	100.00	-
8	.07	99.93	-
16	.10	99.83	-
30	.30	99.53	-
50	1.64	97.89	-
100	15.39	82.50	-
200	42.92	39.58	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 39.6%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

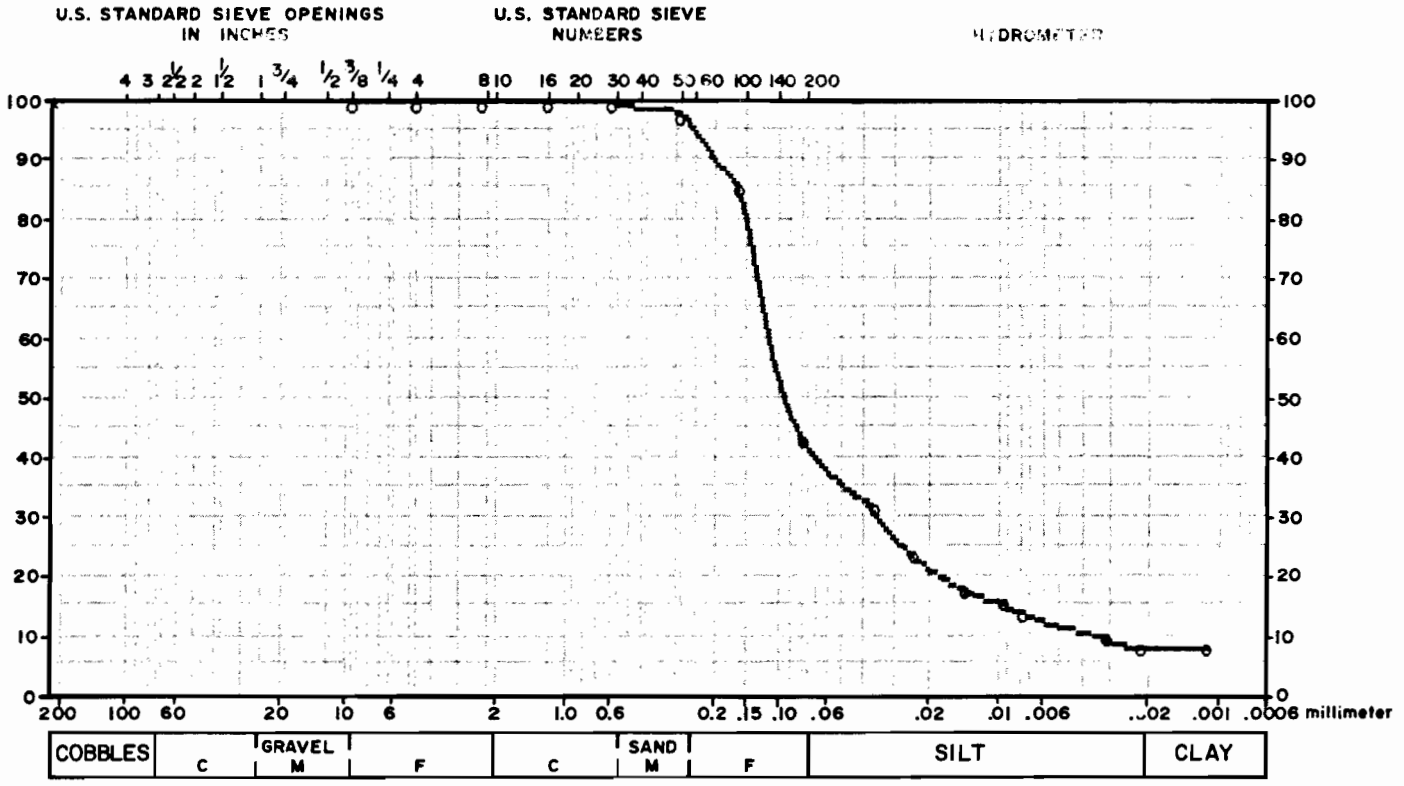
Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY NOTT STREET		
LAB NUMBER:	84-9-19/383-5-2973	DATE RECEIVED:	9/21/84
TEST BY:	JWH	DATE TESTED:	9/25/84
REVIEWED BY:	MJ3	DATE REPORTED:	10/1/84
SAMPLE DESCR:	TEST BORING DGC-20 S-21 100.0'- 102.0'		

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	3/8	0.00	100.00	-	.036	31.75	-
-	0.00	0.00	-	4	0.00	100.00	-	.023	23.81	-
-	0.00	0.00	-	8	0.00	100.00	-	.013	17.86	-
-	0.00	0.00	-	16	0.00	100.00	-	.009	15.87	-
-	0.00	0.00	-	30	.27	99.73	-	.007	13.89	-
-	0.00	0.00	-	50	1.66	98.07	-	.003	9.92	-
-	0.00	0.00	-	100	12.12	85.95	-	.002	7.94	-
-	0.00	0.00	-	200	42.70	43.24	-	.001	7.94	-

PAN = 43.2%

WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136 ASTM D 422

TEST STANDARD: NONE

NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

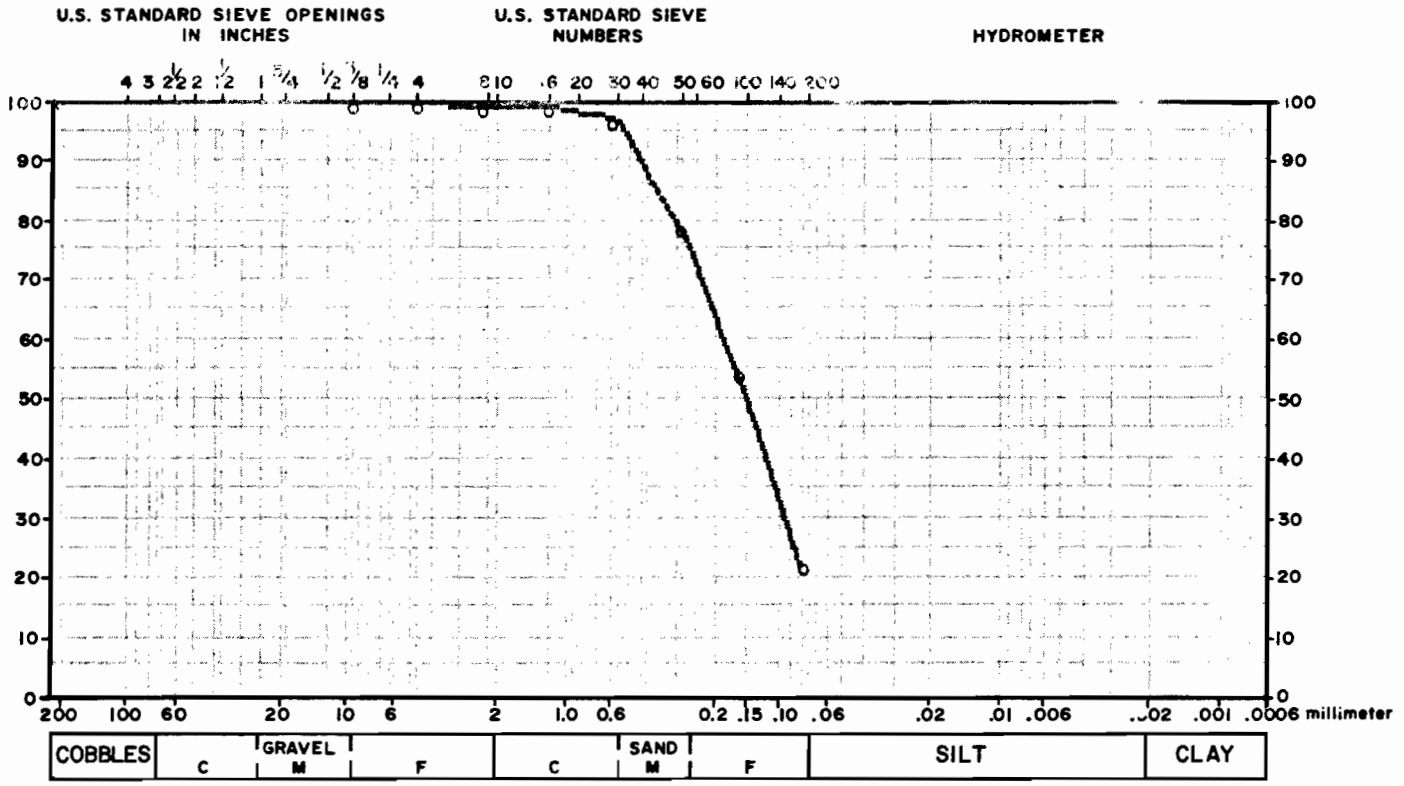
Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

D

CLIENT: GENERAL ELECTRIC COMPANY NOTT STREET
LAB NUMBER: 84-9-23/383-5-2973 DATE RECEIVED: 9/21/84
TEST BY: JWH DATE TESTED: 9/25/84
REVIEWED BY: MJZ DATE REPORTED: 10/1/84
SAMPLE DESCR: TEST BORING DGC-21 S-14 65.0'- 67.0'

GRAIN SIZE DISTRIBUTION



COARSE

SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

FINE

SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.
3/8	0.00	100.00	-
4	.22	99.78	-
8	.22	99.56	-
16	.18	99.38	-
30	1.94	97.44	-
50	17.98	79.46	-
100	24.61	54.85	-
200	32.68	22.17	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-
-	0.00	0.00	-

HYDROMETER

PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.

PAN = 22.2%
WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE
NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.

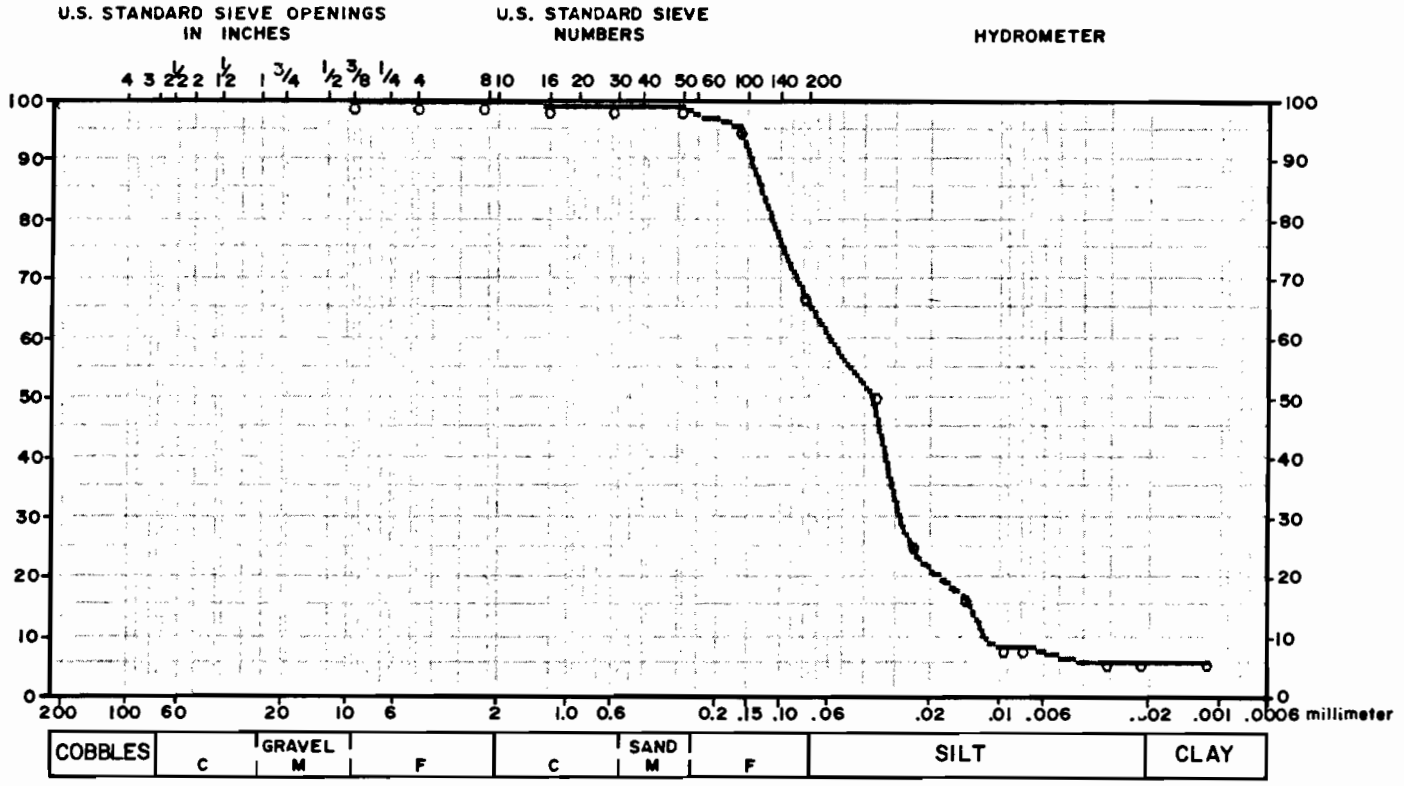
JMU

Dunn Geoscience Laboratory

5 Northway Lane North, Latham, NY 12110 (518) 783-8102

CLIENT:	GENERAL ELECTRIC COMPANY NOTT STREET		
LAB NUMBER:	84-9-24/383-5-2973	DATE RECEIVED:	9/21/84
TEST BY:	JWH	DATE TESTED:	9/25/84
REVIEWED BY:	MJZ	DATE REPORTED:	10/1/84
SAMPLE DESCR:	TEST BORING DGC-21 S-21 100.0'- 102.0'		

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	3/8	0.00	100.00	-	.036	51.44	-
-	0.00	0.00	-	4	0.00	100.00	-	.023	25.72	-
-	0.00	0.00	-	8	.06	99.94	-	.013	17.15	-
-	0.00	0.00	-	16	.33	99.61	-	.009	8.57	-
-	0.00	0.00	-	30	.28	99.33	-	.007	8.57	-
-	0.00	0.00	-	50	.28	99.05	-	.003	5.71	-
-	0.00	0.00	-	100	3.23	95.83	-	.002	5.71	-
-	0.00	0.00	-	200	27.99	67.84	-	.001	5.71	-

PAN = 67.8%

WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136 ASTM D 422

TEST STANDARD: NONE

NOTES: NONE

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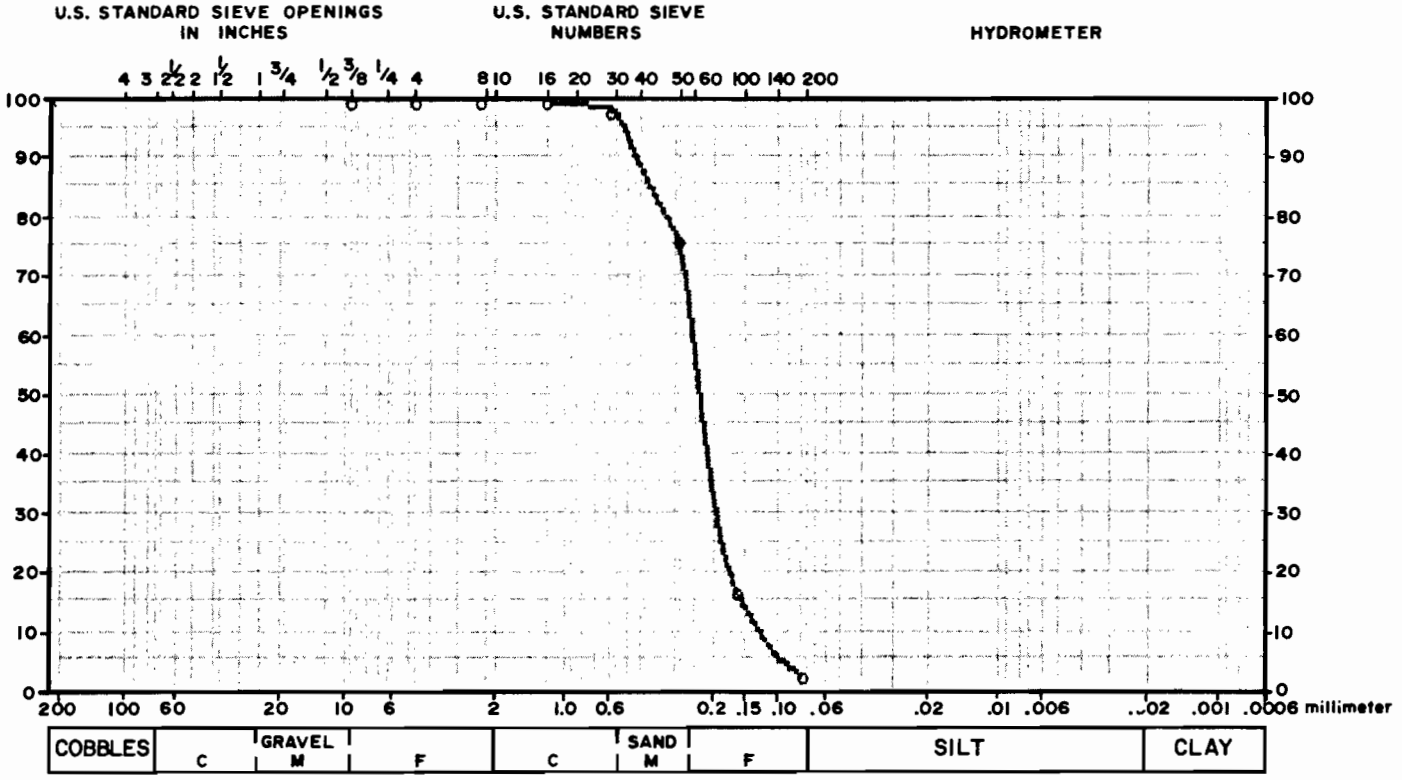
CLIENT:	GENERAL ELECTRIC COMPANY	NOTT STREET	
LAB NUMBER:	84-9-25/383-5-2973	DATE RECEIVED:	9/21/84
TEST BY:	JWH	DATE TESTED:	9/24/84
REVIEWED BY:	MJZ	DATE REPORTED:	10/1/84
SAMPLE DESCR:	TEST BORING DGC-22 S-8	35.0'- 37.0'	

GRAIN SIZE DISTRIBUTION



COARSE				FINE				HYDROMETER		
SIZE (inches)	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	SIEVE	PERCENT RETAINED	CUMULATIVE PERCENT PASSING	SPECS.	PARTICLE DIAMETER (mm)	PERCENT PASSING	SPECS.
-	0.00	0.00	-	3/8	0.00	100.00	-			
-	0.00	0.00	-	4	0.00	100.00	-			
-	0.00	0.00	-	8	0.00	100.00	-			
-	0.00	0.00	-	16	.31	99.69	-			
-	0.00	0.00	-	30	.98	98.71	-			
-	0.00	0.00	-	50	22.08	76.63	-			
-	0.00	0.00	-	100	59.39	17.23	-			
-	0.00	0.00	-	200	14.84	2.39	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			
-	0.00	0.00	-	-	0.00	0.00	-			

PAN = 2.4%

WASH LOSS WAS NOT TESTED.

SPECIFICATION: ASTM C 136

TEST STANDARD: NONE

NOTES: NONE

Test samples are retained for 30 days after submission and then discarded, unless other arrangements are made.