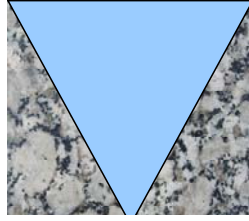


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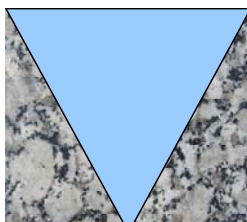


**Fessenden Geo-Environmental Services  
Construction Materials Testing**

**SUBSURFACE INVESTIGATION  
AND GEOTECHNICAL EVALUATION  
PROPOSED ACADIA GATEWAY CENTER  
TRENTON, MAINE**

**Conducted for  
Allied Engineering, Inc.  
Portland, Maine  
February 2008**

# FGS/CMT



**Fessenden Geo-Environmental Services  
Construction Materials Testing**

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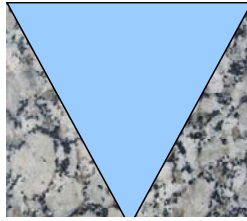
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Geotechnical Engineering Report

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# FGS/CMT



**Fessenden Geo-Environmental Services  
Construction Materials Testing**

Allied Engineering, Inc.  
Attn: Mr. William P. Faucher, P.E.  
160 Veranda Street  
Portland, Maine 04103

February 17, 2008

Subject: Subsurface Investigation and Geotechnical Evaluation  
Proposed Acadia Gateway Center  
Trenton, Maine

## **1. INTRODUCTION**

### **1.1 General**

In accordance with our Agreement, we have conducted a subsurface investigation for the Proposed Acadia Gateway Center in Trenton, Maine. The purpose of the investigation was to explore the subsurface conditions and offer geotechnical recommendations related to foundation design and earthworks associated with the proposed constructions. Details of our findings, geotechnical evaluation, and recommendations are provided in this report and should be carefully reviewed.

This report is subject to the limitations outlined in Appendix A. In the same appendix important information is included about the report.

### **1.2 Site Description**

As shown on Fig. 1 of Appendix B, the proposed Acadia Gateway Center in Trenton is located off Route 3, approximately 7 miles from Ellsworth, Maine. About half of the area of the project is currently vegetated with mature and immature mixed tree growth whereas the rest is open field.

Ground elevations range between about +70 (east end-intersection with Route 3) to about +120 (west end of project). Ground surface elevations at the Visitor's/Welcome Center area range almost between +75 and +80 while at the Bus Transportation Maintenance area elevations range from about +107 and +112.

The proposed access road crosses Crippens Brook located between Station 30+00 and 31+00.

### **1.3 Proposed Construction**

Based on information provided by Allied Engineers, Inc., it is our understanding that the proposed project includes:

- (1) An access road over 3000 feet long.
- (2) An Intermodal/Welcome Facility Center that comprises one-story buildings including a theater. It is our understanding that the buildings' finished floor elevation is +82 to +83.
- (3) Parking Facilities along the access road.
- (4) Bus Transportation Maintenance and Operations Building with Parking Facility. It is our understanding that the buildings' finished floor elevation is +112.5 to +113.5.

Fig. 2 to Fig. 4 in Appendix provided by the Maine DOT show the arrangement of the different structures of the project.

## **2. EXPLORATIONS AND TESTING**

### **2.1 General**

Field explorations were made at the site to determine the subsurface conditions and provided samples for laboratory testing.

The boring locations along the access road were selected in the field by FGS/CMT, inc. personnel based on the roadway centerline stakes placed by Maine DOT survey personnel. MDOT also laid out the boring locations surrounding the approximate location of the Welcome Center buildings. Additional borings were requested by FGS/CMT, inc. within the actual building locations to better assess the soft soil conditions found at the site.

Boring locations for the Bus Transportation Maintenance and Operations Building area were staked by Maine DOT personnel. Boring locations for investigating the subsurface conditions in the Parking Facilities along the access road were selected by FGS/CMT, inc. personnel using cloth-taped measurements from the roadway centerline stakes.

The exploration locations as surveyed by the Maine DOT personnel are shown in Figs. 2-4 included in of Appendix B.

### **2.2 Exploration and Testing**

The exploration program included the drilling of:

- 17 seventeen borings (B1-B17) along the Access Road
- 16 sixteen borings (F1-F16) for the Intermodal/Welcome Facility Center
- 10 ten borings (P1-P10) in the various Parking Facilities
- 4 four borings (M1-M4) for the Bus Transportation Maintenance and Operations Building

Borings were drilled by Maine Test Borings, Inc. of Brewer, Maine. Borings B1-B5 and F1-F11 were drilled in the period 12/19/07-12/20/07. The boring program was halted since the

remaining boring locations had not been laid out. The remaining borings were drilled from 01/17/08 to 01/23/08.

Boring depths ranged from 3.0 ft (P-1) to 23.3 ft (F-12). Drilling or probing in various borings encountered refusal depths ranging between 3.0 ft (P1) and 23.3 (F12). Refusal was caused by encountering cobbles, boulders, weathered bedrock or bedrock. The cause of refusal was not determined since rock core sampling was not part of the scoped exploration program.

The borings were drilled using 2 ½" hollow stem augers (HSA). Soil samples were obtained by driving a standard split-spoon sampler two feet into the soil with a 140 lb weight that was dropped 30 inches. The blow counts per six inches were recorded and the six-inch to eighteen-inch interval was used to determine the standard penetration resistance of the soil. In two borings, namely F12 and F13 undisturbed Shelby tube samples were obtained to assess the soft soil conditions.

Logs of the test borings, based on field notes and our observations and testing of soil samples are attached in Appendix C. The surface elevations at the test boring locations in the Welcome Center, as provided by the Maine DOT, are noted on the test boring logs.

## **2.3 Laboratory Testing**

The recovered soil samples were visually examined and classified. Laboratory testing performed on selected samples included: the determination of moisture content, Atterberg Limits, grain size analyses, unconfined compression tests and consolidation tests. The results of laboratory tests are given in Appendix D.

## **3. SUBSURFACE CONDITIONS**

This section summarizes the subsurface soil and groundwater conditions at the site.

### **3.1 Soil conditions at boring locations**

Based on our site observations the native soils in the project area generally consisted of glacial-marine clays over glacial till over bedrock east of Crippens Brook and glacial till over bedrock west of Crippens Brook.

#### *Explorations west of Crippens Brook area (B11-B17, M1-M4, P1-P5)*

Test boring results showed that in the investigated locations the subsurface materials below a topsoil cover consisted generally of glacial till covered in places by a layer of sandy silt and at places silty sand. The latter layer was encountered B14, B15, P4, P5 and M4. Based on SPT values (varied between N= 20 and N= 52) materials of this layer may be characterized as a medium dense to dense.

The encountered till was very dense with SPT N-values mainly between N=55 and refusal. SPT spoon sampler refusal was common in the till. Glacial till can be described as an unsorted, non-stratified, heterogeneous mixture of clay, silt, sand-gravel and boulders, mixed and inter-bedded of varying proportions. The moisture content 'w' of till material varied mainly between w=8.5% and w=14.5%.

With the exception of borings P2, B14, B15, refusal was generally encountered, most likely bedrock, within 3.0 to 6.5 feet below ground surface (bgs). In boring M4 broken rock pieces were encountered at 11.5 ft bgs. A few boulders over 5 feet diameter were observed on the surface.

Explorations east of Crippens Brook area (B1-B10, F1-F16, P6-P10)

Test borings encountered glacial marine deposits of the Presumpscot Formation overlying till and eventually bedrock. Surficial layers of topsoil and some sandy silt (assumed to be disturbed by plowing) were found over the silty clay/clayey silt of the Presumpscot.

The topsoil (brown sandy silt/silty sand with some organics), at the exploration locations, was mostly 0.5 to 1.5 feet thick.

The Presumpscot Formation generally consisted of brown, desiccated silty clay and at places clayey silt, grading to brown, brown-gray clay over gray clay and gray clay with sand seams. The SPT values varied mainly between N=15 -43 in the upper parts and N=3-6 in the lower parts of the formation.

The SPT values, N, in the brown silt/clay layer varied widely between N=10 and N=70, with the majority of the values concentrated between N=15 and N=48. Large N values ranging between N= 37 and N= 70 were encountered mainly at the upper parts of the brown silt/clay layer at borings F12, F13, F15, F16, B6, B10 and P6-P10. Low SPT values ranging between N= 9 and N=15 were encountered at the lower parts of the brown clay layer in borings F3, F7, F8, F9, F10, F11, and F16. Based on SPT values the brown, brown-gray clay is stiff to hard in the upper parts and stiff to the lower parts of the layer.

Pocket penetrometer testing and unconfined compression tests on spoon samples indicated unconfined uniaxial strength that ranged from more than 4.0 tsf in the upper parts of the layer to about 1.0 tsf in the lower parts of the brown clay. The brown silty clay had moisture contents ranging mostly from 23% to 30%. At places the brown clay exhibited strong inherent layering while in other places contained silty-sandy seams or sand.

Gray clay was drilled at depths starting from 6 to 13 feet bgs in the borings of the Intermodal/Welcome Facility Center area; this clay was encountered in all but borings F1, F2, F4, and F5. N values of the gray clay varied mainly between N=6 and N=10. Gray clay with fine sand seams was encountered under the gray clay in most of the borings of the Intermodal/Welcome Facility Center area. The sand seams lowered the consistency of the clay resulting in STP values that ranged between N=3 and N=6. Based on SPT values the consistency of the gray clay/ gray clay with sandy seams is soft /medium stiff to stiff. Pocket penetrometer testing and unconfined compression tests on spoon samples indicated unconfined uniaxial strength ranging mainly between 0.50 tsf and 1.5 tsf. Pocket vane shear tests indicated vane shear strength values ranging between 0.36 tsf to 0.95 tsf. Six field shear vane tests in borings F12 and F13 resulted in vane shear strength values ranging between 0.74 tsf and 2.0 tsf for peak strength and between 0.21 tsf and 1.16 tsf for residual strength. The moisture content of the gray clay and gray clay with sand seams varied between 25% and 33%. The values of liquid limit and plasticity index for the brown and gray ranged as follows: LL= 26-40 and PI= 9-20.

In general, the strength of the clay deposit decreased with the depth.

Hard till was encountered in most of the Intermodal/Welcome Facility Center area borings below the gray clay; till was not encountered in borings F7 or F11. STP values ranged from N=37 to N= refusal; sampler refusal was common in the till. Rod probes conducted in borings F12 and F14 suggest the till is present at these locations at about 21 to 23 feet. Till in borings F10 and F16 was encountered at about 24 feet and 16.5 feet bgs while in boring F5 at 4.8 feet bgs. Till was also encountered in borings B8, B9, B10 and P6 at depths ranging between 3.0 ft and 6.5 ft bgs.

Shallow bedrock was presumably encountered at B3 (1.9 feet bgs) and at F4 (4.1 feet bgs), indicating that a small bedrock ridge probably exists at the easterly end of the project site that extends a short way into the proposed Welcome Facility Center area. In the latter area, refusal (probable bedrock), was also encountered in borings F1 (14.7 feet bgs), F2 (10.5 feet bgs), F3 (14.5 feet bgs), F5 (9.2 feet bgs), F6 (21 feet bgs), and F8 (20.5 feet bgs).

The subsurface conditions described above, are of a generalized nature to highlight the major subsurface stratification features and material characteristics. The boring logs attached should be reviewed for specific information at individual boring locations.

### **3.2 Groundwater Conditions**

Water was observed, in most of the borings, at depths ranging from just below the ground surface to 7.0 ft bgs with the exception in the area of borings F1-F16 where water was observed at depths lower than 10 ft bgs. Nevertheless the brown clay encountered at the upper parts of the ground was found mottled and strongly desiccated at places an indication of seasonal water movement in these parts. Silty sand in B16 had rust streaks just above the bedrock, indicating that groundwater likely fluctuates seasonally.

Water measurements were made at the end of the drilling. The water level observations refer only to the time and location of borings mentioned above. Water levels fluctuate seasonally and may differ at the time of construction. It is anticipated that the ground water might be closer to the ground surface during seasonal wet periods. In addition, because of spatial variations in the type and lateral extend of the materials underlying the site, localized variations in groundwater elevation should be anticipated.

## **4. EVALUATION AND RECOMMENDATIONS**

The following geotechnical recommendations have been developed on the basis of the previously described project characteristics and subsurface conditions encountered. If there are any further information or changes in these project criteria referring to structures location, foundation and design plans, column loads and grading, a review should be made by FGS/CMT, inc. to determine if modifications to the recommendations are warranted.

Based on the topography of the site, the finished floor elevations of the structures (see section 1.3 of the report) and the subsurface conditions, it is anticipated that engineered fill will be placed at the Intermodal/Welcome Facility Center area (up to 5-6 ft thick) and the Bus Transportation Maintenance and Operations Building area (almost up to 5 ft thick). It is therefore anticipated that foundations for the Intermodal/Welcome Facility Center will rest on brown silt/clay or structural fill while the foundations for the Bus Transportation Maintenance and Operations Building on till, fill or rock.

Site soils are frost susceptible and have poor drainage characteristics. These conditions need to be considered in the design of this project.

#### **4.1 Site Preparation**

Based on the topography of the site, initial site preparation should include removing vegetation, topsoil, organics, and other undesirable matter. Leveling the site will require varying amounts of cut and fill. Excavation and fill recommendations are provided in the following sections.

#### **4.2 Excavation**

Excavation work will encounter materials susceptible to loss of strength when subjected to construction traffic and excavation activities, particularly during periods of precipitation. Therefore, care must be exercised during construction to minimize the disturbance of the bearing soils. Should the subgrade become yielding or difficult to work, the soft subgrade material should be removed and replaced with compacted structural fill or crushed stone (see section 4.3).

In general the bedrock surface is erratic. We recommend that documentation shall contain a contingency for bedrock removal by blasting. It seems that excavation of rock for foundation or utility construction works is likely required in The Bus Transportation Maintenance and in portions of the Operations Building and Intermodal/Welcome Center Facility areas. Rock excavation might be required along some parts of the access road. In addition, excavation of large boulders for the various structures of the project should not be disregarded.

The contractor should anticipate the need for dewatering in excavations. Ditching with gravity drainage and use of sumps and pumping appear to be adequate.

Once the required depth of excavation is reached, it is recommended that a representative of FGS/CMT, Inc., should be called to visually inspect the cleared surface, particularly within the building footprint. This inspection should occur prior to the placement of any fill or the construction of any footing.

Other subgrade recommendations that apply to the proposed construction include the following:

- subgrade soils are susceptible to disturbance and strength loss due to construction traffic. Equipment and personnel should not be permitted to travel across exposed foundation bearing surfaces.
- subgrades should be protected against freezing
- final excavation to bearing grade should be performed with great care using appropriate equipment. Disturbed bearing areas should be re-compacted or excavated and replaced with compacted structural fill or crushed stone

#### **4.3 Engineered Fill**

Fill used beneath the foundation footprint or for bringing the subgrade to the required elevation for placing foundations or subbase materials for pavement or road construction, shall meet the gradation requirements of structural fill. Fill materials should be free from organic matter, contaminants, frozen material, and other deleterious substances. Maximum particle sizes should not exceed two thirds of the proposed loose lift thickness.

In open areas, structural fill beneath roads, slabs and foundations should be placed in loose layers not exceeding 8 inches and compacted by self-propelled compaction equipment. The fill should be placed or conditioned to its optimum moisture content and compacted to at least 95% of its maximum density after ASTM D-1557. In confined areas, maximum particle size and loose layer thickness should be reduced to 3 inches and 6 inches respectively, and the compaction performed by hand-guide equipment.

Structural fill should be clean granular material meeting the following gradation:

| <b>STRUCTURAL FILL</b> |                         |
|------------------------|-------------------------|
| Sieve Size             | Percent Finer by Weight |
| 4 inch                 | 100                     |
| 3 inch                 | 60-100                  |
| ¼ inch                 | 25-90                   |
| #40                    | 0-60                    |
| #200                   | 0-7.0                   |

Fill soils placed adjacent to the foundations and walls and within 6 inches of floor slab as well as in exterior foundations such as light pole bases should be sound clean granular material meeting the following gradation:

| <b>Select Backfill</b> |                         |
|------------------------|-------------------------|
| Sieve Size             | Percent Finer by Weight |
| 4 inch                 | 100                     |
| 3 inch                 | 90-100                  |
| ¼ inch                 | 25-90                   |
| #40                    | 0-30                    |
| #200                   | 0-5.0                   |

Lift thickness should be such that desired density is achieved throughout the lift thickness with 3 to 5 passes of the compaction equipment.

Crushed stone shall be used as a cushion layer for pipe bedding for perimeter and underslab foundation drains. It can also be used as drainage material behind walls.

The crushed stone material should comply with the following gradation requirements:

| <b>Crushed Stone</b> |                         |
|----------------------|-------------------------|
| Sieve Size           | Percent Finer by Weight |
| 1 inch               | 100                     |
| ¾ inch               | 60 – 100                |
| ½ inch               | 10 – 50                 |
| ⅜ inch               | 0 – 20                  |
| # 4                  | 0 - 5.0                 |

The stone pieces should be free from organic matter, contaminants, frozen material, and other deleterious substances. They will consist of angular, sound, not weathered or altered and not elongated rock pieces. Pieces from schistose rock are not acceptable.

Crushed stone, whenever used for structurally bearing purposes (beneath footings, slabs, pavements) should be compacted to at least 100% of its dry rodded unit weight as determined by ASTM C-29. Care should be taken to avoid 'pumping' effect (bringing water to the surface) on the fine-grained soils

Before the backfilling of any excavated area the exposed subgrade should be observed by a representative of FGS/CMT, inc. or the geotechnical engineer to ensure that it is ready for fill placement.

Filling operations should be continuously observed and documented with field density tests. Samples of fill materials should be submitted to FGS/CMT laboratory for examination and testing prior to placement.

#### **4.4 Foundation Recommendations**

Details of the foundation preparation are provided in the following subsections. In addition to the recommendations provided herein, foundation design and construction should be done in accordance with applicable codes and regulatory agency requirements.

***Foundation Depth*** – Native soils at the site are frost susceptible. The depth of frost penetration is estimated to be about 5 ft. Exterior footings of heated buildings or footings of unheated buildings, constructed on engineered fill or native soils, should be placed at least 5 feet below the lowest adjacent ground surface exposed to freezing. Interior footings for heated buildings should be founded a minimum of 3.0 feet below the ground floor slab. Any decrease in these minimum dimensions without proper measures may have an adverse effect on the behavior of the foundation.

#### ***Bearing Capacity*** –

*Intermodal/Welcome Facility Center:* Based on SPT blow counts, site observations and laboratory test results, the native glaciomarine silty clay is stiff to hard in higher elevations and soft to medium stiff in lower.

For footing design we recommend using a maximum allowable contact pressure of 2,000 psf (pound per square foot) for footings constructed on the brown glaciomarine silty clay or compacted structural fill over it. This bearing pressure is based on the imported fill beneath the footings being compacted to at least 95% of its maximum dry density determined after ASTM D1557.

It is essential that care be taken to limit the introduction of water to the glaciomarine silty clay soils during construction and to limit disturbance of the foundation interface. Should this surface become soft or disturbed and difficult to work, the softened material should be excavated and replaced with compacted structural fill or ¾ inch crushed stone. Otherwise, a reduction in bearing capacity may occur, resulting in an increase in the amount of differential movement of the foundation.

Extreme care should be given not to excavate down to the gray glaciomarine silty clay as the higher water content makes it typically more susceptible to remolding and strength loss. Disturbed gray clay should be removed and the disturbed area should be brought back to grade by placing a sand blanket over the undisturbed material, having

the first layer of structural fill slightly compacted over it, and increasing the compaction effort with each successive layer of structural fill. Alternatively a geofabric sheet might replace the sand blanket without restricting the required compaction energy over the structural fill.

While the loads from the buildings are not known at this time, it is expected that the post-construction settlements due to the loads of one-story buildings and fill will be up to 1.75 inches.

*Bus Transportation Maintenance and Operations Building-* For footing design we recommend using a maximum allowable contact pressure not exceeding 4,000 psf (pound per square foot) for footings constructed on the till, fill, or rock.

While the loads from the building are not known at this time, post –construction settlements are expected be less than 0.75 inch.

Minimum footing dimension should be 24 inches in width, regardless of the bearing pressure.

In an attempt to minimize potential differential settlements due to variations in the foundation soils and bedrock elevations, the recommendations put forth in the previous and subsequent sections of this report must be followed.

**Seismic Considerations** - Based on the subsurface conditions encountered in the test borings, the results of in situ and laboratory tests and Table 1615.1 of the International Building Code 2003 (IBC), the site is classified as site class C for seismic-design considerations.

#### **4.5 Other Foundation Considerations**

The soils encountered at the site are frost susceptible and have poor drainage characteristics. These conditions need to be considered in the design of this project. Recommendations for these conditions and other foundation details are included in this section.

**Foundation Drainage** – It is generally good practice to install underdrains along the perimeter of buildings to account for unanticipated changes in climatic conditions and the regional and site hydrogeology and to minimize moisture problems. Therefore, we recommend that exterior and interior underdrains be provided near footing grade along perimeter walls of the buildings. Underdrains should have perforations of 1/4 to 5/8-inch. We recommend that at least 6 inches of crushed stone bedding be provided around the underdrains and that the stone be wrapped with geotextile filter fabric such as Mirafi 140N or of equivalent performance characteristics. The underdrains must have positive gravity outlets or sump pumps should be provided to remove the collected water. Outlets or sump pumps shafts should be inspected on a periodic basis to assure that the drains are functioning as designed.

In addition, particular attention should be given to the development of surface as well as subgrade drainage. Paved areas should be graded to promote surface drainage to away from structures and entrance areas. Subgrade will be sloped to facilitate and enhance water drainage. Although these precautions will reduce frost and moisture

related problems, frost will penetrate into the subgrade and some frost heaving and distress of pavement should be anticipated.

In areas that are not to be paved or occupied by entrance slabs the exterior foundation backfill should be sealed with a surface layer of clayey or loamy soil, at least 12 inches thick, in order minimize the amount of surface water infiltration adjacent to the foundation.

**Control Joints** - To minimize the impacts of potential differential settlements, it is recommended that control joints be provided in the foundation walls, floor slabs, and masonry building walls to accommodate post-construction deformations and shrinkage in the concrete, as it cures.

Control joints in the floor slabs should be used at intervals of 12 to 15 ft, unless other provisions are made for controlling random cracking. The structural engineer should review the control joint spacing.

For foundation walls control joints should be used in areas where the foundation steps up or down in elevation or where it crosses materials with a contrasting difference in their stiffness characteristics (e.g. soil and rock).

**Slab-on- Grade** - Slab on-grade for the building should be supported on a 6 inches layer of crushed stone resting on structural fill that is at least 6 inches thick and compacted to at least 95% of its maximum dry density as determined by ASTM D-1557. The crushed stone shall be compacted to at least 100% of its dry rodded unit weight per ASTM C-29. Any existing fill or natural fill underlain the slab shall be proofed rolled prior to placing any structural or crushed stone fill. Proof rolling shall consist of a minimum of three passes in a north-south direction and then three passes in an east-west direction using a large vibratory roller.

The crushed stone layer will act as a capillary break, preventing moisture from being drawn up next to the slab. It will also enhance drainage to the exterior footing drains and under-slab drains and it will provide a firm, dry working surface during construction. We recommend that a vapor retarder be placed directly below the floor slabs to reduce water vapor transmission. In such case a layer of non-woven geotextile fabric placed over the crushed stone will reduce the potential for punctures within the vapor retarder.

The vapor retarder should be placed according to manufacturer's recommendations, including taping all joints and wall connections. Floor suppliers should be consulted for acceptable retarder systems that can be used along with their products. Nevertheless, factors such as cost and special construction considerations suggest that the architect-engineer and owner should be responsible for decision-making on the use of vapor retarding membranes-systems.

Exterior slabs should be isolated from the building. These slabs should be constructed to function as independent units. Movement of these slabs should not be transmitted to the building foundation or superstructure.

**Sidewalks and Entrances** - The site soils are susceptible to frost heaving. Entrances and sidewalks will be affected by frost action. We recommend these areas to be excavated at least 5.0 feet below finished grade and backfilled with compacted clean

granular fill meeting the select fill or crushed stone gradation specifications. The select fill should extend from the building 8 feet outward or more, at entrances and 4 feet or more, at sidewalk locations.

To reduce the potential for abrupt differential movement due to frost action, transition of select or crushed stone fill thickness should be gradual (3 horizontal to 1 vertical) and be provided from the 5-foot depth to the fill base thickness at the sidewalk and paved areas away from the building. This fill should be placed in 8 in. lifts and compacted to at least 95% of its maximum dry density (ref.: ASTM D-1557). . If this fill is to extend below the seasonal water table, under-drains should be provided at the base of this fill and linked to the building's foundation drain system.

**Vehicle Parking Areas** - We expect that there will be parking areas subjected primarily to passenger car traffic while some other to bus and/or service truck traffic. Therefore we present for your consideration the following preliminary pavement recommendations:

Section (I)- mainly passenger car traffic

- 1.5 in. of 9.5 mm MDOT Superpave Mix
- 2.0 in. of 19 mm MDOT Superpave Mix
- 6.0 in. MDOT Crushed Aggregate Base, Type A.
- 15.0 in. MDOT Aggregate Subbase, Type D

Section (II)- areas with truck/bus traffic

- 1.5 in. of 9.5 mm MDOT Superpave Mix
- 2.5 in. of 19 mm MDOT Superpave Mix
- 6.0 in. MDOT Crushed Aggregate Base, Type A.
- 18.0 in. MDOT Aggregate Subbase, Type D

The asphalt pavement should be compacted to at least 94% of the Theoretical Maximum Density - TMD (ref.: AASHTO T-209). Verification of field-testing should be achieved by use of at least three cores cut per lift of pavement placed.

The Designer based on traffic loads, volume, and the owner's design life requirements and specifications should engineer/select the actual pavement section component thickness. The above sections may be considered as representative of typical local construction practices, and as such, the owner and designer should anticipate the need for periodic maintenance.

All fill placed below the base materials as well as base materials should be compacted to at least 95% of their maximum dry densities as determined by ASTM D-1557.

Particular attention should be given to slope subgrade, subbase and finished pavement surfaces in order to facilitate drainage. Nevertheless, due to frost action it is anticipated that frost penetration into site fills and some pavement distress will take place.

**Road Pavement--** Though no data related to traffic and road performance requirements are available we present for your consideration the following preliminary road pavement section:

1.5 in. of 9.5 mm MDOT Superpave Mix  
2.5 in. of 19 mm MDOT Superpave Mix  
6.0 in. MDOT Crushed Aggregate Base, Type A (2" minus)  
18.0 in. MDOT Aggregate Subbase, Type D (6" minus)

The Designer based on traffic loads, volume, and the owner's design life requirements and specifications should engineer/select the actual pavement section component thickness.

**Construction During Winter** - In case that the foundation construction takes place during winter, foundations and basement slabs must be protected during freezing conditions. No concrete should be placed on frozen ground and once placed the soil beneath the structure has to be protected from freezing.

Site soils are moisture sensitive and subgrades are susceptible to disturbance during wet conditions. Site work and construction activities should take appropriate measures to protect exposed subgrades.

**Quality Control** - It is recommended that the excavation and foundation phases of the work be observed by FGS/CMT inc. to assure consistency with design concepts, specifications and design recommendations of this report. In the event that the subsurface conditions are found to differ from those anticipated at the start of construction FGS/CMT, inc. should be contacted to make any necessary changes to the recommendations found in this report.

## 5. CLOSING

We request that FGS/CMT, Inc. be provided with the opportunity to view the final design and specifications to determine that our earthwork and foundation recommendations have been properly interpreted and implemented.

It has been a pleasure to assist you in this phase of the project. If you have any questions, please call us

Sincerely  
FGS/CMT, inc.



Miltiades Zacas, PhD, P.E.  
Senior Geotechnical Engineer



## **APPENDICES**

**Appendix A : Limitations – Important information about your  
Geotechnical Engineering Report**

**Appendix B : Figures**

**Appendix C : Test Boring Logs**

**Appendix D : Laboratory Test Results**

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Geotechnical Engineering Report**

## **Limitations**

This report has been prepared for the exclusive use of Allied Engineering, Inc. for the specific application to the Proposed Acadia Gateway Center in Trenton, Maine. Copies of the report may be given to contractor(s), with the contract documents, to disclose information relative to the project. Nevertheless, the report has not been prepared to serve as the plans and specifications for actual construction without the appropriate interpretation by the project architect, structural engineer, and/or civil engineer. Reproduction and distribution of this report must be authorized by the client and FGS/CMT, inc.

This work was done in accordance with generally accepted geotechnical principles and practices, with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions for the period in which this work was accomplished. No other warranty, expressed or implied, is made.

The analyses and recommendations contained in this report are preliminary and are based in part upon the data obtained from the referenced subsurface explorations and information provided by others. It is recommended that the architect, civil engineer and structural engineer along with any other design professionals involved in the project carefully review the conditions and characteristics of the proposed construction assumed in this report to ensure they are consistent with the actual planned development. When discrepancies exist, they should be brought to our attention to ensure they do not affect the conclusions and recommendations provided herein have been correctly interpreted.

The results of the investigation indicate subsurface conditions only at the specific locations and times, and only at the depths observed. They do not reflect the actual environmental or stratigraphic variations that may exist between such locations. The validity of the recommendations is based in part on assumptions about the stratigraphy made by FGS/CMT, Inc. If subsurface conditions different from those described are observed during construction, it will be necessary to reevaluate the findings and recommendations of this report.

It must be noted that the findings presented do not represent scientific certainties and are based on professional judgment. The conclusions regarding the condition of the site do not represent a warranty that all areas within the site and beneath structures are of the same quality as those observed, or that the site contains no hazardous substances or latent conditions beyond those detected or observed during the investigation.

FGS/CMT, Inc. is not responsible for any claims, damages, or liability associated with interpretation of subsurface data or the reuse of the subsurface data for engineering analysis by others.

No attempt has been made to verify the findings and recommendations of others, or to verify the compliance of the past or present owners and/or occupants of the property with local, state, or federal laws and regulations.

# Important Information About Your Geotechnical Engineering Report

*Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.*

*The following information is provided to help you manage your risks.*

## **Geotechnical Services Are Performed for Specific Purposes, Persons, and Projects**

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical engineering study conducted for a civil engineer may not fulfill the needs of a construction contractor or even another civil engineer. Because each geotechnical engineering study is unique, each geotechnical engineering report is unique, prepared *solely* for the client. *No one except you* should rely on your geotechnical engineering report without first conferring with the geotechnical engineer who prepared it. *And no one—not even you—should* apply the report for any purpose or project except the one originally contemplated.

## **A Geotechnical Engineering Report Is Based on A Unique Set of Project-Specific Factors**

Geotechnical engineers consider a number of unique, project-specific factors when establishing the scope of a study. Typical factors include: the client's goals, objectives, and risk management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, *do not rely on a geotechnical engineering report* that was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical engineering report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light industrial plant to a refrigerated warehouse,

- elevation, configuration, location, orientation, or weight of the proposed structure,
- composition of the design team, or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes—even minor ones—and request an assessment of their impact. *Geotechnical engineers cannot accept responsibility or liability for problems that occur because their reports do not consider developments of which they were not informed.*

## **Subsurface Conditions Can Change**

A geotechnical engineering report is based on conditions that existed at the time the study was performed. *Do not rely on a geotechnical engineering report* whose adequacy may have been affected by: the passage of time; by man-made events, such as construction on or adjacent to the site; or by natural events, such as floods, earthquakes, or groundwater fluctuations. *Always* contact the geotechnical engineer before applying the report to determine if it is still reliable. A minor amount of additional testing or analysis could prevent major problems.

## **Most Geotechnical Findings Are Professional Opinions**

Site exploration identifies subsurface conditions *only* at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgment to render an *opinion* about subsurface conditions throughout the site. Actual subsurface conditions may differ—sometimes significantly—from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide construction observation is the most effective method of managing the risks associated with unanticipated conditions.

## **A Report's Recommendations Are *Not* Final**

Do not overrely on the construction recommendations included in your report. *Those recommendations are not final*, because geotechnical engineers develop them principally from judgment and opinion. Geotechnical engineers can finalize their recommendations only by observing actual subsurface conditions revealed during construction. *The geotechnical engineer who developed your report cannot assume responsibility or liability for the report's recommendations if that engineer does not perform construction observation.*

## **A Geotechnical Engineering Report Is Subject To Misinterpretation**

Other design team members' misinterpretation of geotechnical engineering reports has resulted in costly problems. Lower that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Contractors can also misinterpret a geotechnical engineering report. Reduce that risk by having your geotechnical engineer participate in prebid and preconstruction conferences, and by providing construction observation.

## **Do Not Redraw the Engineer's Logs**

Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical engineering report should *never* be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, *but recognize that separating logs from the report can elevate risk.*

## **Give Contractors a Complete Report and Guidance**

Some owners and design professionals mistakenly believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering report, *but* preface it with a clearly written letter of transmittal. In that letter, advise contractors that the report was not prepared for purposes of bid development and that the

report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. *Be sure contractors have sufficient time to perform additional study.* Only then might you be in a position to give contractors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

## **Read Responsibility Provisions Closely**

Some clients, design professionals, and contractors do not recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that have led to disappointments, claims, and disputes. To help reduce such risks, geotechnical engineers commonly include a variety of explanatory provisions in their reports. Sometimes labeled "limitations", many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely.* Ask questions. Your geotechnical engineer should respond fully and frankly.

## **Geoenvironmental Concerns Are Not Covered**

The equipment, techniques, and personnel used to perform a *geoenvironmental* study differ significantly from those used to perform a *geotechnical* study. For that reason, a geotechnical engineering report does not usually relate any geoenvironmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated environmental problems have led to numerous project failures.* If you have not yet obtained your own geoenvironmental information, ask your geotechnical consultant for risk management guidance. *Do not rely on an environmental report prepared for someone else.*

## **Rely on Your Geotechnical Engineer for Additional Assistance**

Membership in ASFE exposes geotechnical engineers to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a construction project. Confer with your ASFE-member geotechnical engineer for more information.

**ASFE** PROFESSIONAL  
FIRMS PRACTICING  
IN THE GEOSCIENCES

8811 Colesville Road Suite G106 Silver Spring, MD 20910

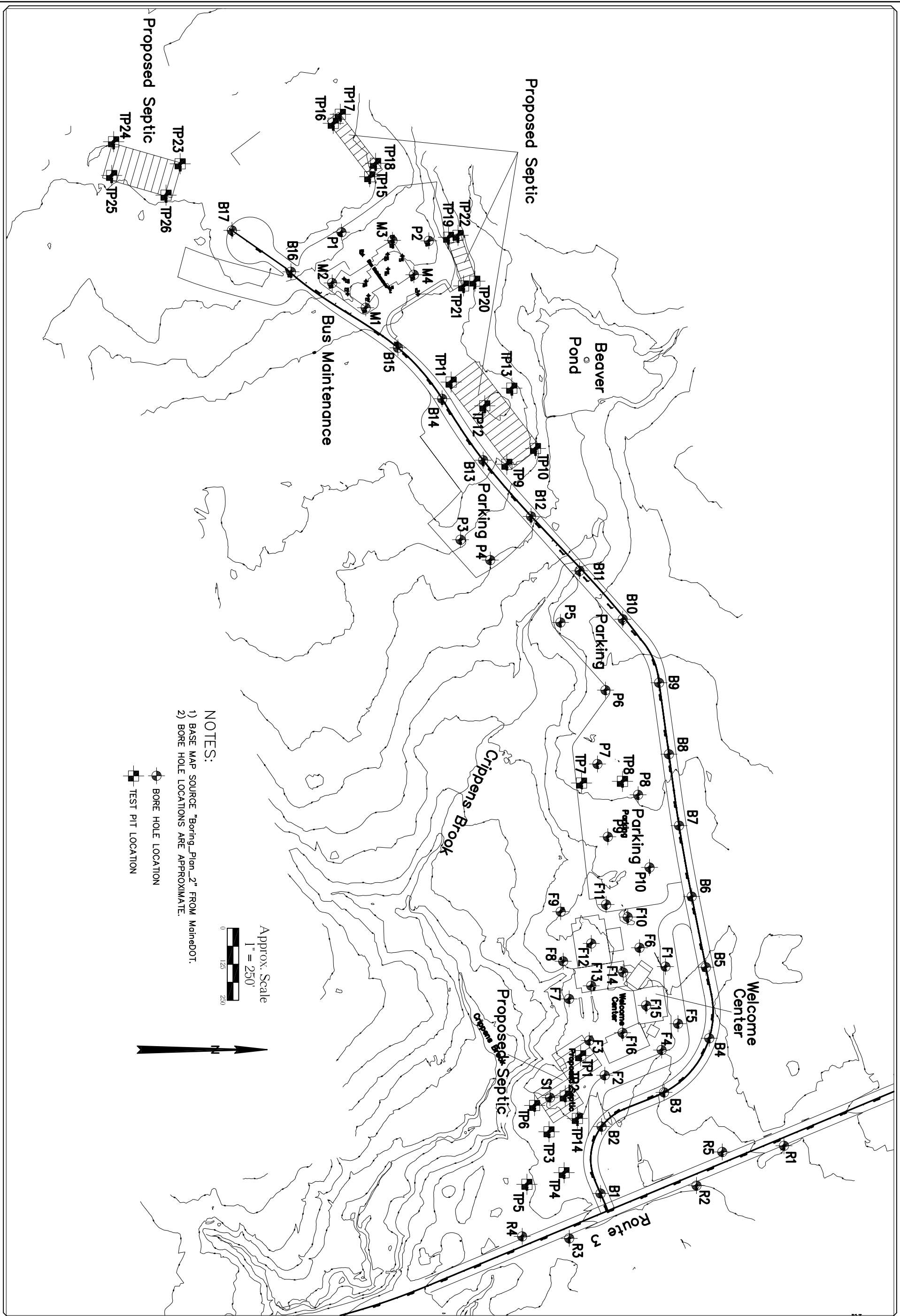
Telephone: 301-565-2733 Facsimile: 301-589-2017

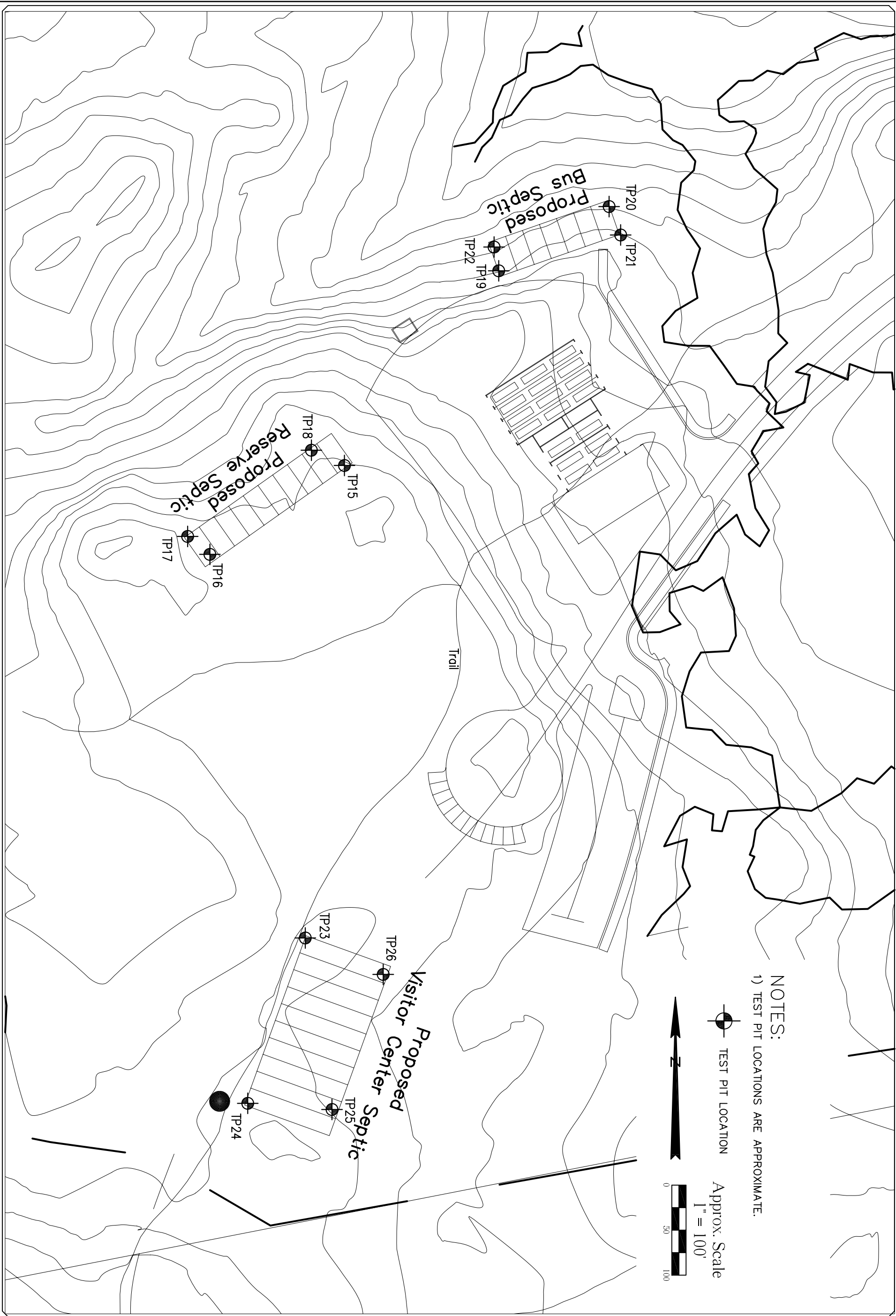
email: [info@asfe.org](mailto:info@asfe.org) [www.asfe.org](http://www.asfe.org)

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## **Appendix B : Figures**

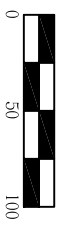




NOTES:  
1) TEST PIT LOCATIONS ARE APPROXIMATE.



TEST PIT LOCATION



Approx. Scale  
1" = 100'

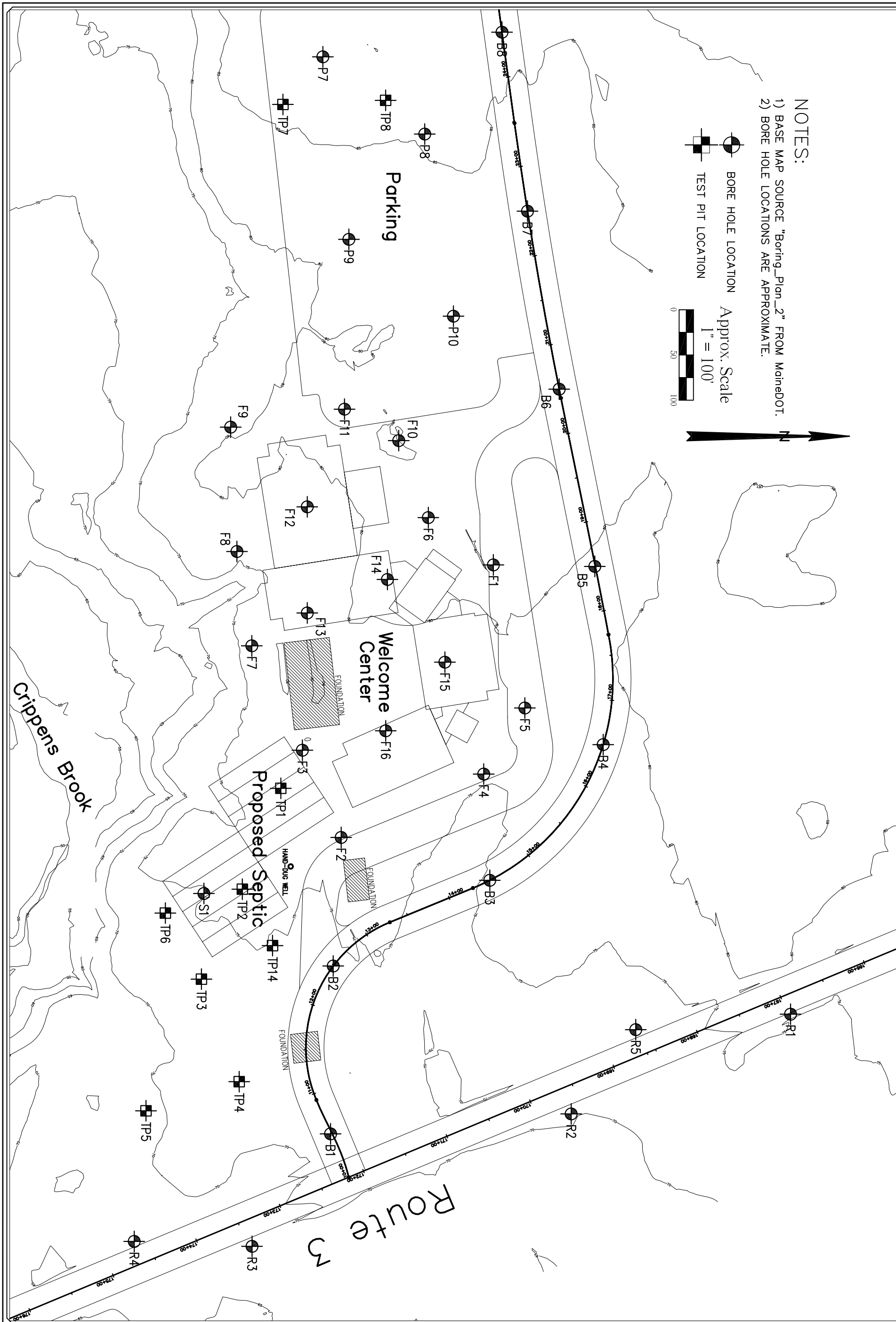
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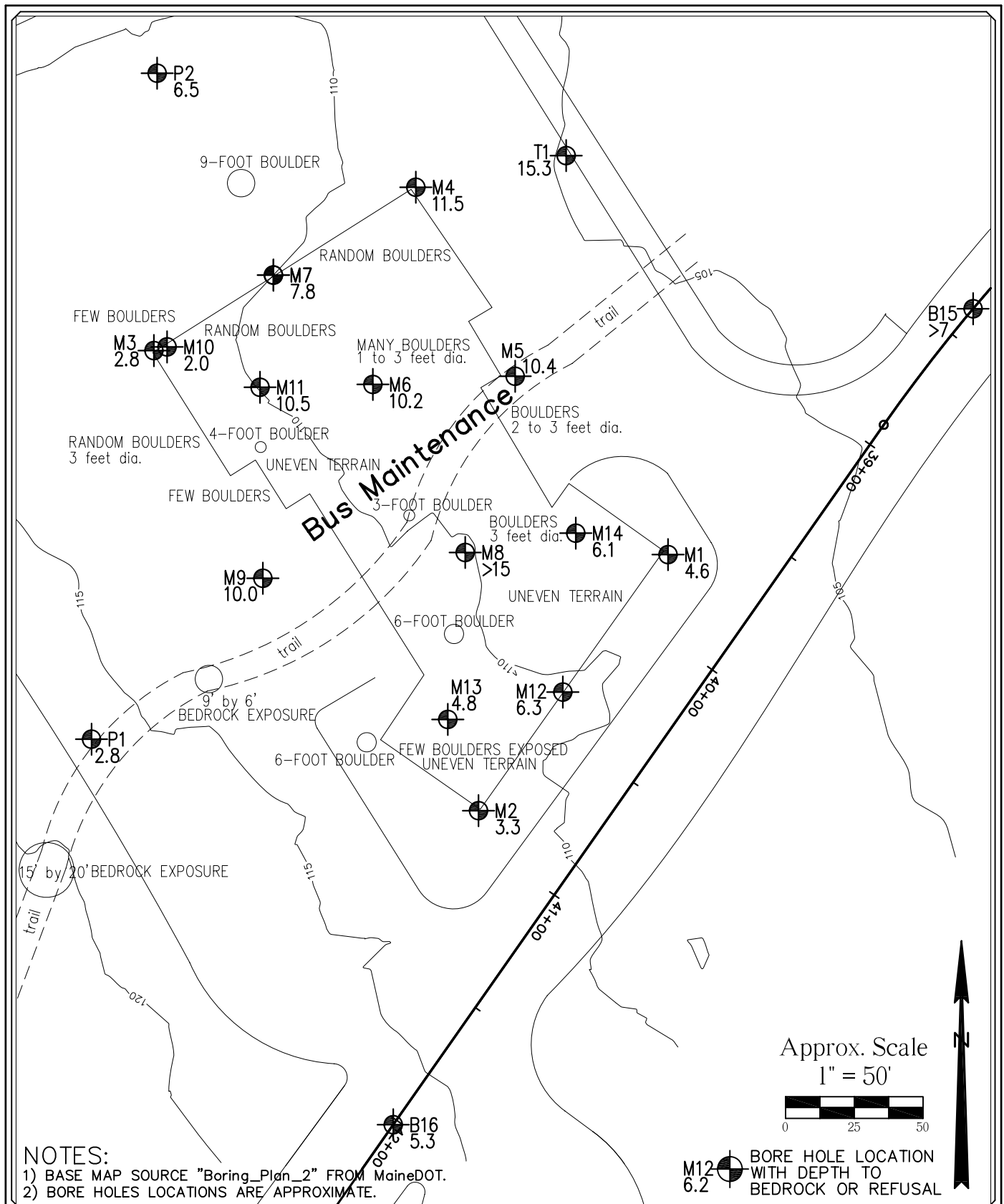
- 1) BASE MAP SOURCE "Boring\_Plan\_2" FROM MainedOT.
- 2) BORE HOLE LOCATIONS ARE APPROXIMATE.



Approx. Scale

1" = 100'





Date: 06/06/08 Drawn By: JAH

File: Acadia Checked By: AAF

Sheet Number:

4

Acadia Gateway Center  
Trenton, Maine

Boring Locations  
Bus Maintenance Area

Fessenden Geo-Environmental Services  
Construction Materials Testing  
PO Box 2097, 136 Maine Avenue  
Bangor, Maine 04401  
tel. (207) 947-3184 1-877-CMT-TEST  
fax. (207) 990 - 1194



## **Appendix C : Test Boring Logs**

|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|------|--------|-------|------------------------------|-------|--------------------------------|------------------------------------------|---------------|--|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |      |        |       | SHEET 1 OF 1<br>HOLE NO. B-1 |       |                                |                                          |               |  |             |  |
| DRILLER<br>Jerry Rudnicki                    |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |      |        |       | LINE & STATION               |       |                                |                                          |               |  |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |      |        |       | OFFSET                       |       |                                |                                          |               |  |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING |       | SAMPLER                      |       | CORE BARREL                    |                                          | Start Date    |  | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                |      | HSA    |       | SS                           |       |                                |                                          | 12/19/2007    |  | 12/19/2007  |  |
|                                              |        |      |      |      |                                         |                                                |      | 2-1/2" |       | 1-3/8"                       |       |                                |                                          |               |  |             |  |
|                                              |        |      |      |      |                                         |                                                |      |        |       | 140 lb.                      |       |                                |                                          | SURFACE ELEV: |  |             |  |
|                                              |        |      |      |      |                                         | 30"                                            |      |        |       |                              |       |                                |                                          |               |  |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |      |        |       | Vane<br>Reading              | DEPTH | STRATUM DESCRIPTION            |                                          |               |  |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12 | 12-18  | 18-24 |                              |       |                                |                                          |               |  |             |  |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       | 1.0                            | Brown Fine Sandy Silt<br>w/Some Organics |               |  |             |  |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       | 2.1                            | Brown Fine Sandy Silt                    |               |  |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 8                                              | 12   | 19     | 24    |                              |       | 7.0                            | Brown Mottled Silty Clay                 |               |  |             |  |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       | Bottom of Boring @ 7.0'<br>Dry |                                          |               |  |             |  |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |
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|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |
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|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |
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|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |      |        |       |                              |       | REMARKS:                       |                                          |               |  |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |      |        |       |                              |       | DRILLER-VISUALLY               |                                          |               |  |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |      |        |       |                              |       | SOIL TECHNICIAN-VISUALLY       |                                          |               |  |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |      |        |       |                              |       | LABORATORY TESTS               |                                          |               |  |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |
| HOLE NO. B-1                                 |        |      |      |      |                                         |                                                |      |        |       |                              |       |                                |                                          |               |  |             |  |

|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|----------------------------------------------|--------|------|------------------------------------------------|------|-----------------|-----------------------------------------------|------|---------------|----------------|------------------------------|--------------------------------|-------------------------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                                |      |                 | CLIENT<br>Fessenden GeoEnvironmental Services |      |               |                | SHEET 1 OF 1<br>HOLE NO. B-2 |                                |                                                             |  |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center        |      |                 |                                               |      |               | LINE & STATION |                              |                                |                                                             |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                        |      |                 |                                               |      |               | OFFSET         |                              |                                |                                                             |  |
| GROUNDWATER OBSERVATIONS                     |        |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      |                 | CASING<br>HSA                                 |      | SAMPLER<br>SS |                | CORE BARREL                  | Start Date                     | Finish Date                                                 |  |
|                                              |        |      |                                                |      |                 | 2-1/2"                                        |      | 1-3/8"        |                |                              | 12/19/2007                     | 12/19/2007                                                  |  |
|                                              |        |      |                                                |      |                 |                                               |      | 140 lb.       |                |                              | SURFACE ELEV:                  |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      | 30"           |                |                              |                                |                                                             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                                |      |                 | BLOWS PER 6" ON SAMPLER                       |      |               |                | Vane<br>Reading              | DEPTH                          | STRATUM DESCRIPTION                                         |  |
|                                              | NO.    | O.D. | PEN.                                           | REC. | DEPTH<br>@ BOT. | 0-6                                           | 6-12 | 12-18         | 18-24          |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              | 1.0                            | Brown Fine Sandy Silt<br>w/Some Organics, w/Trace of Gravel |  |
|                                              | 1D     | 2"   | 24"                                            |      | 4.0             | 3                                             | 6    | 11            | 25             |                              | 2.2                            | Brown Fine Sandy Silt<br>w/Trace of Gravel                  |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              | 6.0                            | Brown Mottled Silty Clay                                    |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              | 7.0                            | Brown Silty Clay w/Fine Sand Layers                         |  |
|                                              | 2D     | 2"   | 24"                                            |      | 7.0             | 12                                            | 11   | 10            | 10             |                              | Bottom of Boring @ 7.0'<br>Dry |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
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|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
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|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
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|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
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|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
| SAMPLES                                      |        |      |                                                |      |                 | SOIL CLASSIFIED BY:                           |      |               |                | REMARKS:                     |                                |                                                             |  |
| D = SPLIT SPOON                              |        |      |                                                |      |                 | <input checked="" type="checkbox"/> XX        |      |               |                | DRILLER-VISUALLY             |                                |                                                             |  |
| C = 2" SHELBY TUBE                           |        |      |                                                |      |                 | <input type="checkbox"/>                      |      |               |                | SOIL TECHNICIAN-VISUALLY     |                                |                                                             |  |
| S = 3" SHELBY TUBE                           |        |      |                                                |      |                 | <input type="checkbox"/>                      |      |               |                | LABORATORY TESTS             |                                |                                                             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                                |      |                 |                                               |      |               |                |                              |                                |                                                             |  |
|                                              |        |      |                                                |      |                 |                                               |      |               |                | HOLE NO. B-2                 |                                |                                                             |  |

|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|----------------------------------------------|--------|------|------------------------------------------------|------|--------------|-----------------------------------------------|------|---------|----------------|------------------------------|--------------------------|----------------------------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                                |      |              | CLIENT<br>Fessenden GeoEnvironmental Services |      |         |                | SHEET 1 OF 1<br>HOLE NO. B-3 |                          |                                                                |  |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center        |      |              |                                               |      |         | LINE & STATION |                              |                          |                                                                |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                        |      |              |                                               |      |         | OFFSET         |                              |                          |                                                                |  |
| GROUNDWATER OBSERVATIONS                     |        |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      |              | CASING                                        |      | SAMPLER |                | CORE BARREL                  | Start Date               | Finish Date                                                    |  |
|                                              |        |      |                                                |      |              | HSA                                           |      |         |                |                              | 12/19/2007               | 12/19/2007                                                     |  |
|                                              |        |      |                                                |      |              | 2-1/2"                                        |      |         |                |                              | SURFACE ELEV:            |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                                |      |              | BLOWS PER 6" ON SAMPLER                       |      |         |                | Vane<br>Reading              | DEPTH                    | STRATUM DESCRIPTION                                            |  |
|                                              | NO.    | O.D. | PEN.                                           | REC. | DEPTH @ BOT. | 0-6                                           | 6-12 | 12-18   | 18-24          |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              | 0.8                      | Brown Fine Sandy Silt<br>w/Some Organics                       |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              | 1.9                      | Brown Silty Fine Sand<br>w/Some Coarse Sand, w/Trace of Gravel |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              | 3.5                      | Weathered Rock                                                 |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          | Refusal @ 3.5'                                                 |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
|                                              |        |      |                                                |      |              |                                               |      |         |                |                              |                          |                                                                |  |
| SAMPLES                                      |        |      |                                                |      |              | SOIL CLASSIFIED BY:                           |      |         |                |                              | REMARKS:                 |                                                                |  |
| D = SPLIT SPOON                              |        |      |                                                |      |              | <input checked="" type="checkbox"/> XX        |      |         |                |                              | DRILLER-VISUALLY         |                                                                |  |
| C = 2" SHELBY TUBE                           |        |      |                                                |      |              | <input type="checkbox"/>                      |      |         |                |                              | SOIL TECHNICIAN-VISUALLY |                                                                |  |
| S = 3" SHELBY TUBE                           |        |      |                                                |      |              | <input type="checkbox"/>                      |      |         |                |                              | LABORATORY TESTS         |                                                                |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                                |      |              |                                               |      |         |                |                              | HOLE NO. B-3             |                                                                |  |

|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|----------------------------------------------|--------|------|------------------------------------------------|------|---------------------|-----------------------------------------------|---------|-------|----------------|------------------------------|-----------------------------------------------------------|---------------------------------------|---------------------------------------|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                                |      |                     | CLIENT<br>Fessenden GeoEnvironmental Services |         |       |                | SHEET 1 OF 1<br>HOLE NO. B-4 |                                                           |                                       |                                       |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center        |      |                     |                                               |         |       | LINE & STATION |                              |                                                           |                                       |                                       |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                        |      |                     |                                               |         |       | OFFSET         |                              |                                                           |                                       |                                       |
| GROUNDWATER OBSERVATIONS                     |        |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING              |                                               | SAMPLER |       | CORE BARREL    |                              | Start Date                                                | Finish Date                           |                                       |
|                                              |        |      |                                                |      | HSA                 |                                               | SS      |       |                |                              | 12/19/2007                                                | 12/19/2007                            |                                       |
|                                              |        |      |                                                |      | 2-1/2"              |                                               | 1-3/8"  |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               | 140 lb. |       |                |                              | SURFACE ELEV:                                             |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               | 30"     |       |                |                              |                                                           |                                       |                                       |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                                |      |                     | BLOWS PER 6" ON SAMPLER                       |         |       |                | Vane<br>Reading              | DEPTH                                                     | STRATUM DESCRIPTION                   |                                       |
|                                              | NO.    | O.D. | PEN.                                           | REC. | DEPTH<br>@ BOT.     | 0-6                                           | 6-12    | 12-18 | 18-24          |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              | 1.0                                                       | Brown Fine Sandy Silt w/Some Organics |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              | 4.0                                                       | Brown Fine Sandy Silt w/Trace of Clay |                                       |
|                                              | 1D     | 2"   | 24"                                            |      | 4.0                 | 6                                             | 10      | 10    | 16             |                              |                                                           | 6.0                                   | Brown Silty Clay w/Trace of Fine Sand |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              | 6.5                                                       | Brown Silty Fine Sand                 |                                       |
|                                              | 2D     | 2"   | 24"                                            |      | 7.0                 | 6                                             | 6       | 11    | 30             |                              | 7.0                                                       | Brown Silty F/C Sand w/Some Gravel    |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              | Bottom of Boring @ 7.0'<br>Caved @ 6.9'      Water @ 6.5' |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
|                                              |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
| SAMPLES                                      |        |      |                                                |      | SOIL CLASSIFIED BY: |                                               |         |       |                | REMARKS:                     |                                                           |                                       |                                       |
| D = SPLIT SPOON                              |        |      |                                                |      | XX DRILLER-VISUALLY |                                               |         |       |                |                              |                                                           |                                       |                                       |
| C = 2" SHELBY TUBE                           |        |      |                                                |      |                     |                                               |         |       |                | SOIL TECHNICIAN-VISUALLY     |                                                           |                                       |                                       |
| S = 3" SHELBY TUBE                           |        |      |                                                |      |                     |                                               |         |       |                | LABORATORY TESTS             |                                                           |                                       |                                       |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |
| HOLE NO. B-4                                 |        |      |                                                |      |                     |                                               |         |       |                |                              |                                                           |                                       |                                       |

|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|----------------------------------------------|--------|------|-----------------------------------------|------|------------------------------------------------------|-----------------------------------------------|---------|-------|----------------|------------------------------|-------------|-----------------------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |                                                      | CLIENT<br>Fessenden GeoEnvironmental Services |         |       |                | SHEET 1 OF 1<br>HOLE NO. B-5 |             |                                                           |  |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |                                                      |                                               |         |       | LINE & STATION |                              |             |                                                           |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |                                                      |                                               |         |       | OFFSET         |                              |             |                                                           |  |
| GROUNDWATER OBSERVATIONS                     |        |      |                                         |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL       | CASING                                        | SAMPLER |       | CORE BARREL    | Start Date                   | Finish Date |                                                           |  |
|                                              |        |      |                                         |      |                                                      | HSA                                           | SS      |       |                | 12/19/2007                   | 12/19/2007  |                                                           |  |
|                                              |        |      |                                         |      |                                                      | 2-1/2"                                        | 1-3/8"  |       |                | SURFACE ELEV:                |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               | 140 lb. |       |                |                              |             |                                                           |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |                                                      | BLOWS PER 6" ON SAMPLER                       |         |       |                | Vane<br>Reading              | DEPTH       | STRATUM DESCRIPTION                                       |  |
|                                              | NO.    | O.D. | PEN.                                    | REC. | DEPTH<br>@ BOT.                                      | 0-6                                           | 6-12    | 12-18 | 18-24          |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              | 1.5         | Brown Organic Silt                                        |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              | 2.5         | Brown Fine Sandy Silt                                     |  |
|                                              | 1D     | 2"   | 24"                                     |      | 4.0                                                  | 4                                             | 9       | 12    | 13             |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              | 6.0         | Brown Mottled Silty Clay                                  |  |
|                                              | 2D     | 2"   | 24"                                     |      | 7.0                                                  | 5                                             | 7       | 5     | 7              |                              | 7.0         | Brown Silty Fine Sand                                     |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             | Bottom of Boring @ 7.0'<br>Caved @ 6.8'      Water @ 5.8' |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
|                                              |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
| SAMPLES                                      |        |      |                                         |      | SOIL CLASSIFIED BY:                                  |                                               |         |       |                | REMARKS:                     |             |                                                           |  |
| D = SPLIT SPOON                              |        |      |                                         |      | <input checked="" type="checkbox"/> DRILLER-VISUALLY |                                               |         |       |                |                              |             |                                                           |  |
| C = 2" SHELBY TUBE                           |        |      |                                         |      | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |                                               |         |       |                |                              |             |                                                           |  |
| S = 3" SHELBY TUBE                           |        |      |                                         |      | <input type="checkbox"/> LABORATORY TESTS            |                                               |         |       |                |                              |             |                                                           |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |
| HOLE NO. B-5                                 |        |      |                                         |      |                                                      |                                               |         |       |                |                              |             |                                                           |  |

|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|----------------------------------------------|--------|------|-----------------------------------------|------|------------------------------------------------|-----------------------------------------------|------|---------------|----------------|------------------------------|------------------------------------------------|----------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |                                                | CLIENT<br>Fessenden GeoEnvironmental Services |      |               |                | SHEET 1 OF 1<br>HOLE NO. B-6 |                                                |                                  |  |
| DRILLER<br>Jon Rudnicki                      |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |                                                |                                               |      |               | LINE & STATION |                              |                                                |                                  |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |                                                |                                               |      |               | OFFSET         |                              |                                                |                                  |  |
| GROUNDWATER OBSERVATIONS                     |        |      |                                         |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA                                 |      | SAMPLER<br>SS |                | CORE BARREL                  | Start Date                                     | Finish Date                      |  |
|                                              |        |      |                                         |      |                                                | 2-1/2"                                        |      | 1-3/8"        |                |                              | 1/21/2008                                      | 1/21/2008                        |  |
|                                              |        |      |                                         |      |                                                |                                               |      | 140 lb.       |                |                              | SURFACE ELEV:                                  |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      | 30"           |                |                              |                                                |                                  |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |                                                | BLOWS PER 6" ON SAMPLER                       |      |               |                | Vane<br>Reading              | DEPTH                                          | STRATUM DESCRIPTION              |  |
|                                              | NO.    | O.D. | PEN.                                    | REC. | DEPTH<br>@ BOT.                                | 0-6                                           | 6-12 | 12-18         | 18-24          |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              | 1.0                                            | Brown Organics w/Sandy Silt      |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              | 5.0                                            | Brown Mottled Clay               |  |
|                                              | 1D     | 2"   | 24"                                     |      | 4.0                                            | 10                                            | 22   | 28            | 44             |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              | 2D     | 2"   | 24"                                     |      | 7.0                                            | 10                                            | 13   | 17            | 15             |                              | 7.0                                            | Brown Mottled Clay w/Silt Layers |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              | Bottom of Boring @ 7.0'<br>Caved & Damp @ 5.0' |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
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|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
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|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
| SAMPLES                                      |        |      |                                         |      |                                                | SOIL CLASSIFIED BY:                           |      |               |                | REMARKS:                     |                                                |                                  |  |
| D = SPLIT SPOON                              |        |      |                                         |      |                                                | <input checked="" type="checkbox"/> XX        |      |               |                | DRILLER-VISUALLY             |                                                |                                  |  |
| C = 2" SHELBY TUBE                           |        |      |                                         |      |                                                | <input type="checkbox"/>                      |      |               |                | SOIL TECHNICIAN-VISUALLY     |                                                |                                  |  |
| S = 3" SHELBY TUBE                           |        |      |                                         |      |                                                | <input type="checkbox"/>                      |      |               |                | LABORATORY TESTS             |                                                |                                  |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |
| HOLE NO. B-6                                 |        |      |                                         |      |                                                |                                               |      |               |                |                              |                                                |                                  |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|-----------------------------------------|-------------------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. B-7 |                                         |                                     |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                         |                                     |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                         |                                     |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                             | Start Date                          | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                         | 1/21/2008                           | 1/21/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                         | SURFACE ELEV:                       |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                         |                                     |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                                   | STRATUM DESCRIPTION                 |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 1.0                                     | Brown Organics w/Sandy Silt         |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 5.0                                     | Brown Mottled Silty Sandy Clay      |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 7                                              | 11            | 12    | 14            |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 6.5                                     | Brown Sandy Silt w/Clay Layers      |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 5                                              | 5             | 5     | 36            |                              | 7.0                                     | Brown Coarse Sand w/Trace of Gravel |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | Bottom of Boring @ 7.0'<br>Water @ 6.2' |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                              | REMARKS:                                |                                     |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                              | DRILLER-VISUALLY                        |                                     |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | SOIL TECHNICIAN-VISUALLY                |                                     |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | LABORATORY TESTS                        |                                     |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |
| HOLE NO. B-7                                 |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                                     |             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|-----------------------------------------------------------|-----------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. B-8 |                                                           |                             |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                                           |                             |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                                           |                             |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                                               | Start Date                  | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                                           | 1/21/2008                   | 1/21/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                                           | SURFACE ELEV:               |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                                           |                             |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                                                     | STRATUM DESCRIPTION         |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 0.5                                                       | Brown Organics w/Sandy Silt |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 3.0                                                       | Brown Mottled Silty Clay    |             |  |
|                                              | 1D     | 2"   | 18"  |      | 3.5                                     | 11                                             | 11            | 65    |               |                              | 7.0                                                       | Brown Silty Gravelly Sand   |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 10                                             | 14            | 7     | 6             |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | Bottom of Boring @ 7.0'<br>Caved @ 5.6'      Water @ 5.0' |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                              | REMARKS:                                                  |                             |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                              | DRILLER-VISUALLY                                          |                             |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | SOIL TECHNICIAN-VISUALLY                                  |                             |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | LABORATORY TESTS                                          |                             |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |
| HOLE NO. B-8                                 |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                             |             |  |

|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|----------------------------------------------|--------|------|------------------------------------------------|------|------------------------------------------------------|-----------------------------------------------|---------|-------|----------------|------------------------------|--------------------------------------------------|-------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                                |      |                                                      | CLIENT<br>Fessenden GeoEnvironmental Services |         |       |                | SHEET 1 OF 1<br>HOLE NO. B-9 |                                                  |                                           |  |
| DRILLER<br>Jon Rudnicki                      |        |      | PROJECT NAME<br>Acadia Visitors' Center        |      |                                                      |                                               |         |       | LINE & STATION |                              |                                                  |                                           |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                        |      |                                                      |                                               |         |       | OFFSET         |                              |                                                  |                                           |  |
| GROUNDWATER OBSERVATIONS                     |        |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING                                               |                                               | SAMPLER |       | CORE BARREL    |                              | Start Date                                       | Finish Date                               |  |
|                                              |        |      |                                                |      | HSA                                                  |                                               | SS      |       |                |                              | 1/21/2008                                        | 1/21/2008                                 |  |
|                                              |        |      |                                                |      | 2-1/2"                                               |                                               | 1-3/8"  |       |                |                              | SURFACE ELEV:                                    |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               | 140 lb. |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               | 30"     |       |                |                              |                                                  |                                           |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                                |      |                                                      | BLOWS PER 6" ON SAMPLER                       |         |       |                | Vane<br>Reading              | DEPTH                                            | STRATUM DESCRIPTION                       |  |
|                                              | NO.    | O.D. | PEN.                                           | REC. | DEPTH<br>@ BOT.                                      | 0-6                                           | 6-12    | 12-18 | 18-24          |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              | 0.5                                              | Brown Sandy Silt w/Organics               |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              | 5.5                                              | Brown Mottled Silty Clay<br>w/Silt Layers |  |
|                                              | 1D     | 2"   | 24"                                            |      | 4.0                                                  | 9                                             | 12      | 14    | 15             |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              | 2D     | 2"   | 19"                                            |      | 6.6                                                  | 6                                             | 12      | 24    | 50             |                              | 6.6                                              | Brown Silty Gravelly Sand                 |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              | Refusal @ 6.6'<br>Caved @ 4.8'      Water @ 1.2' |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
| SAMPLES                                      |        |      |                                                |      | SOIL CLASSIFIED BY:                                  |                                               |         |       |                | REMARKS:                     |                                                  |                                           |  |
| D = SPLIT SPOON                              |        |      |                                                |      | <input checked="" type="checkbox"/> DRILLER-VISUALLY |                                               |         |       |                |                              |                                                  |                                           |  |
| C = 2" SHELBY TUBE                           |        |      |                                                |      | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |                                               |         |       |                |                              |                                                  |                                           |  |
| S = 3" SHELBY TUBE                           |        |      |                                                |      | <input type="checkbox"/> LABORATORY TESTS            |                                               |         |       |                |                              |                                                  |                                           |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |
| HOLE NO. B-9                                 |        |      |                                                |      |                                                      |                                               |         |       |                |                              |                                                  |                                           |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|-------------------------------|-----------------------------------------------------------|-----------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. B-10 |                                                           |                             |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION                |                                                           |                             |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                        |                                                           |                             |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                               | CORE BARREL                                               | Start Date                  | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                               |                                                           | 1/21/2008                   | 1/21/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                               |                                                           | SURFACE ELEV:               |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                               |                                                           |                             |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading               | DEPTH                                                     | STRATUM DESCRIPTION         |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | 1.0                                                       | Brown Sandy Silt w/Organics |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | 6.0                                                       | Brown Mottled Sandy Silt    |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 20                                             | 20            | 23    | 32            |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | 7.0                                                       | Brown Silty Gravelly Sand   |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 12                                             | 30            | 40    | 75            |                               | Bottom of Boring @ 7.0'<br>Caved @ 3.7'      Water @ 2.9' |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                               | REMARKS:                                                  |                             |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                               | DRILLER-VISUALLY                                          |                             |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                               | SOIL TECHNICIAN-VISUALLY                                  |                             |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                               | LABORATORY TESTS                                          |                             |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |
| HOLE NO. B-10                                |        |      |      |      |                                         |                                                |               |       |               |                               |                                                           |                             |             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
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| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. B-11 |                          |                                      |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION                |                          |                                      |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                        |                          |                                      |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                               | CORE BARREL              | Start Date                           | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                               |                          | 1/21/2008                            | 1/21/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                               |                          | SURFACE ELEV:                        |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                               |                          |                                      |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading               | DEPTH                    | STRATUM DESCRIPTION                  |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | 0.5                      | Brown Silty Gravelly Sand w/Organics |             |  |
|                                              | 1D     | 2"   | 8"   |      | 2.7                                     | 29                                             | 65            |       |               |                               | 2.7                      | Brown Silty Gravelly Sand            |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | 3.5                      | Rock                                 |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | Refusal @ 3.5'<br>Dry    |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                               |                          | REMARKS:                             |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                               | DRILLER-VISUALLY         |                                      |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                               | SOIL TECHNICIAN-VISUALLY |                                      |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                               | LABORATORY TESTS         |                                      |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                               |                          |                                      |             |  |
| HOLE NO.                                     |        |      |      |      |                                         |                                                |               |       |               |                               |                          | B-11                                 |             |  |

|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|---------------------------------------------------------|---------------|-------|---------------|-------------------------------|--------------------------------|--------------------------------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services           |               |       |               | SHEET 1 OF 1<br>HOLE NO. B-12 |                                |                                                  |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                         |               |       |               | LINE & STATION                |                                |                                                  |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                         |               |       |               | OFFSET                        |                                |                                                  |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL          | CASING<br>HSA |       | SAMPLER<br>SS |                               | CORE BARREL                    | Start Date                                       | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                         | 2-1/2"        |       | 1-3/8"        |                               |                                | 1/21/2008                                        | 1/21/2008   |  |
|                                              |        |      |      |      |                                         |                                                         |               |       | 140 lb.       |                               |                                | SURFACE ELEV:                                    |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       | 30"           |                               |                                |                                                  |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                                 |               |       |               | Vane<br>Reading               | DEPTH                          | STRATUM DESCRIPTION                              |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                                     | 6-12          | 12-18 | 18-24         |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               | 1.0                            | Brown Silty Gravelly Sand,<br>w/ Rock & Organics |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 19                                                      | 20            | 28    | 65            |                               | 4.0                            | Brown Silty Gravelly Sand                        |             |  |
|                                              | D      | 2"   | 0"   | 0"   | 5.0                                     | 50                                                      |               |       |               |                               | 5.0                            | Decomposed Rock                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               | Refusal @ 5.0'<br>Water @ 4.2' |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
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|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                         |               |       |               |                               |                                |                                                  |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                                     |               |       |               |                               | REMARKS:                       |                                                  |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX DRILLER-VISUALLY |               |       |               |                               |                                |                                                  |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY       |               |       |               |                               |                                |                                                  |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/> LABORATORY TESTS               |               |       |               |                               |                                |                                                  |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                         |               |       |               |                               | HOLE NO. B-12                  |                                                  |             |  |

[illegible]

|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|-------------------------------|-----------------------------------------------|--------------------------------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. B-14 |                                               |                                                  |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION                |                                               |                                                  |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                        |                                               |                                                  |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                               | CORE BARREL                                   | Start Date                                       | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                               |                                               | 1/23/2008                                        | 1/23/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                               |                                               | SURFACE ELEV:                                    |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                               |                                               |                                                  |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading               | DEPTH                                         | STRATUM DESCRIPTION                              |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | 0.5                                           | Brown Sandy Silt w/Organics                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | 5.5                                           | Brown Mottled Sandy Silt                         |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 11                                             | 14            | 15    | 21            |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | 7.0                                           | Brown Silty Gravelly Sand,<br>w/Trace of Cobbles |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 45                                             | 42            | 33    | 55            |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | Bottom of Boring @ 7.0'<br>Caved & Wet @ 4.6' |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                               | REMARKS:                                      |                                                  |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                               | DRILLER-VISUALLY                              |                                                  |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                               | SOIL TECHNICIAN-VISUALLY                      |                                                  |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                               | LABORATORY TESTS                              |                                                  |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                               |                                               |                                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                               | HOLE NO. B-14                                 |                                                  |             |  |

|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|------|--------|-------|-------------------------------|--------------------------|-----------------------------------------------------------|---------------|-------------|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |      |        |       | SHEET 1 OF 1<br>HOLE NO. B-15 |                          |                                                           |               |             |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |      |        |       | LINE & STATION                |                          |                                                           |               |             |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |      |        |       | OFFSET                        |                          |                                                           |               |             |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING |       | SAMPLER                       |                          | CORE BARREL                                               | Start Date    | Finish Date |
|                                              |        |      |      |      |                                         |                                                |      | HSA    |       | SS                            |                          |                                                           | 1/23/2008     | 1/23/2008   |
|                                              |        |      |      |      |                                         |                                                |      | 2-1/2" |       | 1-3/8"                        |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       | 140 lb.                       |                          |                                                           | SURFACE ELEV: |             |
|                                              |        |      |      | 30"  |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |      |        |       | Vane<br>Reading               | DEPTH                    | STRATUM DESCRIPTION                                       |               |             |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12 | 12-18  | 18-24 |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               | 0.5                      | Brown Sandy Silt w/Organics                               |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               | 7.0                      | Brown Mottled Sandy Silt                                  |               |             |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 22                                             | 25   | 27     | 32    |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               | 7.0                      | Bottom of Boring @ 7.0'<br>Caved @ 6.2'      Water @ 5.3' |               |             |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 7                                              | 10   | 10     | 15    |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |      |        |       |                               |                          |                                                           | REMARKS:      |             |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |      |        |       |                               | DRILLER-VISUALLY         |                                                           |               |             |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |      |        |       |                               | SOIL TECHNICIAN-VISUALLY |                                                           |               |             |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |      |        |       |                               | LABORATORY TESTS         |                                                           |               |             |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |      |        |       |                               |                          |                                                           |               |             |
|                                              |        |      |      |      |                                         |                                                |      |        |       |                               | HOLE NO. B-15            |                                                           |               |             |

|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|----------------------------------------------|--------|------|------------------------------------------------|------|------------------------------------------------------|-----------------------------------------------|---------|-------|----------------|-------------------------------|--------------------------------------|--------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                                |      |                                                      | CLIENT<br>Fessenden GeoEnvironmental Services |         |       |                | SHEET 1 OF 1<br>HOLE NO. B-16 |                                      |                                      |  |
| DRILLER<br>Jon Rudnicki                      |        |      | PROJECT NAME<br>Acadia Visitors' Center        |      |                                                      |                                               |         |       | LINE & STATION |                               |                                      |                                      |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                        |      |                                                      |                                               |         |       | OFFSET         |                               |                                      |                                      |  |
| GROUNDWATER OBSERVATIONS                     |        |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING                                               |                                               | SAMPLER |       | CORE BARREL    |                               | Start Date                           | Finish Date                          |  |
|                                              |        |      |                                                |      | HSA                                                  |                                               | SS      |       |                |                               | 1/22/2008                            | 1/22/2008                            |  |
|                                              |        |      |                                                |      | 2-1/2"                                               |                                               | 1-3/8"  |       |                |                               | SURFACE ELEV:                        |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               | 140 lb. |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               | 30"     |       |                |                               |                                      |                                      |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                                |      |                                                      | BLOWS PER 6" ON SAMPLER                       |         |       |                | Vane<br>Reading               | DEPTH                                | STRATUM DESCRIPTION                  |  |
|                                              | NO.    | O.D. | PEN.                                           | REC. | DEPTH<br>@ BOT.                                      | 0-6                                           | 6-12    | 12-18 | 18-24          |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | 0.5                                  | Brown Silty Gravelly Sand w/Organics |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | 5.3                                  | Brown Silty Gravelly Sand            |  |
|                                              | 1D     | 2"   | 20"                                            |      | 3.7                                                  | 32                                            | 50      | 66    | 70             |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              | 2D     | 2"   | 5"                                             |      | 5.4                                                  | 125                                           |         |       |                |                               | 5.4                                  | Rock                                 |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | Refusal @ 5.4'<br>Caved & Dry @ 5.1' |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
| SAMPLES                                      |        |      |                                                |      | SOIL CLASSIFIED BY:                                  |                                               |         |       |                | REMARKS:                      |                                      |                                      |  |
| D = SPLIT SPOON                              |        |      |                                                |      | <input checked="" type="checkbox"/> DRILLER-VISUALLY |                                               |         |       |                |                               |                                      |                                      |  |
| C = 2" SHELBY TUBE                           |        |      |                                                |      | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |                                               |         |       |                |                               |                                      |                                      |  |
| S = 3" SHELBY TUBE                           |        |      |                                                |      | <input type="checkbox"/> LABORATORY TESTS            |                                               |         |       |                |                               |                                      |                                      |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |
| HOLE NO. B-16                                |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                      |                                      |  |

|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|----------------------------------------------|--------|------|------------------------------------------------|------|------------------------------------------------------|-----------------------------------------------|---------|-------|----------------|-------------------------------|--------------------------------------------------|--------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                                |      |                                                      | CLIENT<br>Fessenden GeoEnvironmental Services |         |       |                | SHEET 1 OF 1<br>HOLE NO. B-17 |                                                  |                                      |  |
| DRILLER<br>Jon Rudnicki                      |        |      | PROJECT NAME<br>Acadia Visitors' Center        |      |                                                      |                                               |         |       | LINE & STATION |                               |                                                  |                                      |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                        |      |                                                      |                                               |         |       | OFFSET         |                               |                                                  |                                      |  |
| GROUNDWATER OBSERVATONS                      |        |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING                                               |                                               | SAMPLER |       | CORE BARREL    |                               | Start Date                                       | Finish Date                          |  |
|                                              |        |      |                                                |      | HSA                                                  |                                               | SS      |       |                |                               | 1/22/2008                                        | 1/22/2008                            |  |
|                                              |        |      |                                                |      | 2-1/2"                                               |                                               | 1-3/8"  |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               | 140 lb. |       |                |                               | SURFACE ELEV:                                    |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               | 30"     |       |                |                               |                                                  |                                      |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                                |      |                                                      | BLOWS PER 6" ON SAMPLER                       |         |       |                | Vane<br>Reading               | DEPTH                                            | STRATUM DESCRIPTION                  |  |
|                                              | NO.    | O.D. | PEN.                                           | REC. | DEPTH<br>@ BOT.                                      | 0-6                                           | 6-12    | 12-18 | 18-24          |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | 0.5                                              | Brown Gravelly Silty Sand w/Organics |  |
|                                              | 1D     | 2"   | 6"                                             |      | 2.5                                                  | 92                                            |         |       |                |                               | 6.5                                              | Brown Gravelly Silty Sand            |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              | 2D     | 2"   | 23"                                            |      | 6.9                                                  | 25                                            | 32      | 23    | 100            |                               | 6.9                                              | Decomposed Rock                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | Refusal @ 6.9'<br>Caved @ 5.8'      Water @ 3.9' |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
| SAMPLES                                      |        |      |                                                |      | SOIL CLASSIFIED BY:                                  |                                               |         |       |                | REMARKS:                      |                                                  |                                      |  |
| D = SPLIT SPOON                              |        |      |                                                |      | <input checked="" type="checkbox"/> DRILLER-VISUALLY |                                               |         |       |                |                               |                                                  |                                      |  |
| C = 2" SHELBY TUBE                           |        |      |                                                |      | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |                                               |         |       |                |                               |                                                  |                                      |  |
| S = 3" SHELBY TUBE                           |        |      |                                                |      | <input type="checkbox"/> LABORATORY TESTS            |                                               |         |       |                |                               |                                                  |                                      |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |
| HOLE NO. B-17                                |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                  |                                      |  |

|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|----------------------------------------------|--------|------|-----------------------------------------|------|-----------------|------------------------------------------------------|---------------|-------|----------------|------------------------------|---------------------------------------------------------------------|----------------------------------------------------|-------------|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |                 | CLIENT<br>Fessenden GeoEnvironmental Services        |               |       |                | SHEET 1 OF 1<br>HOLE NO. F-1 |                                                                     |                                                    |             |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |                 |                                                      |               |       | LINE & STATION |                              |                                                                     |                                                    |             |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |                 |                                                      |               |       | OFFSET         |                              |                                                                     |                                                    |             |
| GROUNDWATER OBSERVATIONS                     |        |      |                                         |      |                 | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL       | CASING<br>HSA |       | SAMPLER<br>SS  |                              | CORE BARREL                                                         | Start Date                                         | Finish Date |
|                                              |        |      |                                         |      |                 |                                                      | 2-1/2"        |       | 1-3/8"         |                              |                                                                     | 12/19/2007                                         | 12/19/2007  |
|                                              |        |      |                                         |      |                 |                                                      |               |       | 140 lb.        |                              |                                                                     | SURFACE ELEV:                                      |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       | 30"            |                              |                                                                     |                                                    |             |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |                 | BLOWS PER 6" ON SAMPLER                              |               |       |                | Vane<br>Reading              | DEPTH                                                               | STRATUM DESCRIPTION                                |             |
|                                              | NO.    | O.D. | PEN.                                    | REC. | DEPTH<br>@ BOT. | 0-6                                                  | 6-12          | 12-18 | 18-24          |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              | 1.0                                                                 | Brown Fine Sandy Silt,<br>w/Some Organics          |             |
|                                              | 1D     | 2"   | 24"                                     |      | 4.0             | 4                                                    | 6             | 11    | 31             |                              | 2.5                                                                 | Brown Mottled Clayey Silt,<br>w/Some Fine Sand     |             |
|                                              | 2D     | 2"   | 24"                                     |      | 7.0             | 17                                                   | 18            | 16    | 17             |                              | 6.5                                                                 | Brown Mottled Silty Clay,<br>w/Some Fine Sand      |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              | 11.0                                                                | Brown Silty Fine Sand,<br>w/Trace of Clay & Gravel |             |
|                                              | 3D     | 2"   | 24"                                     |      | 12.0            | 2                                                    | 2             | 4     | 5              |                              | 11.5                                                                | Gray Mottled Silty Clay                            |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              | 12.5                                                                | Gray Silty Fine Sand,<br>w/Silty Clay Layers       |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              | 14.7                                                                | Gray Silty Fine-Coarse Sandy Gravel                |             |
|                                              | 4D     | 2"   | 4"                                      |      | 15.2            | 50                                                   |               |       |                |                              | 15.2                                                                | Weathered Rock                                     |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              | Refusal @ 15.2'<br>Dry in Augers<br>Caved @ 12.7'      Water @ 7.9' |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
|                                              |        |      |                                         |      |                 |                                                      |               |       |                |                              |                                                                     |                                                    |             |
| SAMPLES                                      |        |      |                                         |      |                 | SOIL CLASSIFIED BY:                                  |               |       |                | REMARKS:                     |                                                                     |                                                    |             |
| D = SPLIT SPOON                              |        |      |                                         |      |                 | <input checked="" type="checkbox"/> DRILLER-VISUALLY |               |       |                |                              |                                                                     |                                                    |             |
| C = 2" SHELBY TUBE                           |        |      |                                         |      |                 | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |               |       |                |                              |                                                                     |                                                    |             |
| S = 3" SHELBY TUBE                           |        |      |                                         |      |                 | <input type="checkbox"/> LABORATORY TESTS            |               |       |                |                              |                                                                     |                                                    |             |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |                 |                                                      |               |       |                | HOLE NO. F-1                 |                                                                     |                                                    |             |

|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|----------------------------------------------|--------|------|------|-----------------------------------------|-----------------|------------------------------------------------|------|--------|-------|------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------|--------------------------|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |                                         |                 | CLIENT<br>Fessenden GeoEnvironmental Services  |      |        |       | SHEET 1 OF 1<br>HOLE NO. F-2 |                                                                |                                                                     |                                                      |                          |
| DRILLER<br>Jerry Rudnicki                    |        |      |      | PROJECT NAME<br>Acadia Visitors' Center |                 |                                                |      |        |       | LINE & STATION               |                                                                |                                                                     |                                                      |                          |
| MTB JOB NUMBER<br>07-263                     |        |      |      | LOCATION<br>Trenton, ME                 |                 |                                                |      |        |       | OFFSET                       |                                                                |                                                                     |                                                      |                          |
| GROUNDWATER OBSERVATIONS                     |        |      |      |                                         |                 | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING |       | SAMPLER                      |                                                                | CORE BARREL                                                         | Start Date                                           | Finish Date              |
|                                              |        |      |      |                                         |                 |                                                |      | HSA    |       | SS                           |                                                                |                                                                     | 12/19/2007                                           | 12/19/2007               |
|                                              |        |      |      |                                         |                 |                                                |      | 2-1/2" |       | 1-3/8"                       |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       | 140 lb.                      |                                                                |                                                                     | SURFACE ELEV:                                        |                          |
|                                              |        |      |      |                                         |                 | 30"                                            |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |                                         |                 | BLOWS PER 6" ON SAMPLER                        |      |        |       | Vane<br>Reading              | DEPTH                                                          | STRATUM DESCRIPTION                                                 |                                                      |                          |
|                                              | NO.    | O.D. | PEN. | REC.                                    | DEPTH<br>@ BOT. | 0-6                                            | 6-12 | 12-18  | 18-24 |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              | 0.5                                                            | Brown Fine Sandy Silt,<br>w/Some Organics                           |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                | 1.0                                                                 | Brown Silty Fine-Medium Sand,<br>w/Trace of Organics |                          |
| 1D                                           | 2"     | 24"  |      | 4.0                                     | 13              | 16                                             | 19   | 32     |       |                              |                                                                |                                                                     | 4.5                                                  | Brown Mottled Silty Clay |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              | 9.0                                                            | Brown Silty Fine Sand w/Some Clay,<br>w/Some Silty Fine Sand Layers |                                                      |                          |
| 2D                                           | 2"     | 24"  |      | 7.0                                     | 6               | 7                                              | 8    | 9      |       |                              |                                                                | 10.5                                                                | Brown Fine to Coarse Sandy Gravel                    |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                | 10.8                                                                | Weathered Rock                                       |                          |
| 3D                                           | 2"     | 7"   |      | 10.6                                    | 20              | 50                                             |      |        |       |                              | Refusal @ 10.8'<br>Dry in Augers<br>Caved @ 10.1' Water @ 9.7' |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
| SAMPLES                                      |        |      |      |                                         |                 | SOIL CLASSIFIED BY:                            |      |        |       | REMARKS:                     |                                                                |                                                                     |                                                      |                          |
| D = SPLIT SPOON                              |        |      |      |                                         |                 | <input checked="" type="checkbox"/> XX         |      |        |       | DRILLER-VISUALLY             |                                                                |                                                                     |                                                      |                          |
| C = 2" SHELBY TUBE                           |        |      |      |                                         |                 | <input type="checkbox"/>                       |      |        |       | SOIL TECHNICIAN-VISUALLY     |                                                                |                                                                     |                                                      |                          |
| S = 3" SHELBY TUBE                           |        |      |      |                                         |                 | <input type="checkbox"/>                       |      |        |       | LABORATORY TESTS             |                                                                |                                                                     |                                                      |                          |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |                                         |                 |                                                |      |        |       |                              |                                                                |                                                                     |                                                      |                          |
|                                              |        |      |      |                                         |                 |                                                |      |        |       | HOLE NO. F-2                 |                                                                |                                                                     |                                                      |                          |

|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|----------------------------------------------|--------|------|------|-----------------------------------------|-----------------|-----------------------------------------------|------|--------|---------|------------------------------|---------------|--------------------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |                                         |                 | CLIENT<br>Fessenden GeoEnvironmental Services |      |        |         | SHEET 1 OF 1<br>HOLE NO. F-3 |               |                                                        |  |
| DRILLER<br>Jerry Rudnicki                    |        |      |      | PROJECT NAME<br>Acadia Visitors' Center |                 |                                               |      |        |         | LINE & STATION               |               |                                                        |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      | LOCATION<br>Trenton, ME                 |                 |                                               |      |        |         | OFFSET                       |               |                                                        |  |
| GROUNDWATER OBSERVATIONS                     |        |      |      |                                         |                 | TYPE                                          |      | CASING | SAMPLER | CORE BARREL                  | Start Date    | Finish Date                                            |  |
|                                              |        |      |      |                                         |                 | SIZE I.D.                                     |      | HSA    | SS      |                              | 12/19/2007    | 12/19/2007                                             |  |
|                                              |        |      |      |                                         |                 | HAMMER WT.                                    |      | 2-1/2" | 1-3/8"  |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 | HAMMER FALL                                   |      |        | 140 lb. |                              | SURFACE ELEV: |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        | 30"     |                              |               |                                                        |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |                                         |                 | BLOWS PER 6" ON SAMPLER                       |      |        |         | Vane<br>Reading              | DEPTH         | STRATUM DESCRIPTION                                    |  |
|                                              | NO.    | O.D. | PEN. | REC.                                    | DEPTH<br>@ BOT. | 0-6                                           | 6-12 | 12-18  | 18-24   |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              | 0.5           | Brown Fine Sandy Silt<br>w/Some Organics               |  |
|                                              | 1D     | 2"   | 24"  |                                         | 4.0             | 9                                             | 9    | 14     | 22      |                              | 1.5           | Brown Fine to Medium Sandy Silt,<br>w/Some Gravel      |  |
|                                              | 2D     | 2"   | 24"  |                                         | 7.0             | 9                                             | 11   | 16     | 18      |                              | 8.0           | Brown Mottled Silty Clay,<br>w/Fine Sand               |  |
|                                              | 3D     | 2"   | 24"  |                                         | 12.0            | 3                                             | 6    | 8      | 10      |                              | 11.5          | Brown Silty Clay,<br>w/Trace of Fine Sand              |  |
|                                              | D      | 2"   | 0"   | 0"                                      | 15.0            | 50                                            |      |        |         |                              | 13.2          | Brown Silty Fine Sand w/Trace of Clay                  |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              | 14.5          | Brown Silty Fine-Coarse Sandy Gravel                   |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              | 15.0          | Weathered Rock                                         |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               | Refusal @ 15.0'<br>Dry in Augers<br>Caved & Dry @ 9.3' |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
| SAMPLES                                      |        |      |      |                                         |                 | SOIL CLASSIFIED BY:                           |      |        |         | REMARKS:                     |               |                                                        |  |
| D = SPLIT SPOON                              |        |      |      |                                         |                 | <input checked="" type="checkbox"/> XX        |      |        |         | DRILLER-VISUALLY             |               |                                                        |  |
| C = 2" SHELBY TUBE                           |        |      |      |                                         |                 | <input type="checkbox"/>                      |      |        |         | SOIL TECHNICIAN-VISUALLY     |               |                                                        |  |
| S = 3" SHELBY TUBE                           |        |      |      |                                         |                 | <input type="checkbox"/>                      |      |        |         | LABORATORY TESTS             |               |                                                        |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |                                         |                 |                                               |      |        |         |                              |               |                                                        |  |
|                                              |        |      |      |                                         |                 |                                               |      |        |         | HOLE NO. F-3                 |               |                                                        |  |

|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|----------------------------------------------|--------|------|------|-----------------------------------------|-----------------|------------------------------------------------------|------|--------|-------|-------------------------------|---------------|-------------------------------------------|--|---------------|--|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |                                         |                 | CLIENT<br>Fessenden GeoEnvironmental Services        |      |        |       | SHEET 1 OF 1<br>HOLE NO. F- 4 |               |                                           |  |               |  |             |  |
| DRILLER<br>Jerry Rudnicki                    |        |      |      | PROJECT NAME<br>Acadia Visitors' Center |                 |                                                      |      |        |       | LINE & STATION                |               |                                           |  |               |  |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      | LOCATION<br>Trenton, ME                 |                 |                                                      |      |        |       | OFFSET                        |               |                                           |  |               |  |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |                                         |                 | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL       |      | CASING |       | SAMPLER                       |               | CORE BARREL                               |  | Start Date    |  | Finish Date |  |
|                                              |        |      |      |                                         |                 |                                                      |      | HSA    |       | SS                            |               |                                           |  | 12/20/2007    |  | 12/20/2007  |  |
|                                              |        |      |      |                                         |                 |                                                      |      | 2-1/2" |       | 1-3/8"                        |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       | 140 lb.                       |               |                                           |  | SURFACE ELEV: |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      | 30"    |       |                               |               |                                           |  |               |  |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |                                         |                 | BLOWS PER 6" ON SAMPLER                              |      |        |       | Vane<br>Reading               | DEPTH         | STRATUM DESCRIPTION                       |  |               |  |             |  |
|                                              | NO.    | O.D. | PEN. | REC.                                    | DEPTH<br>@ BOT. | 0-6                                                  | 6-12 | 12-18  | 18-24 |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               | 1.5           | Brown Fine Sandy Silt,<br>w/Some Organics |  |               |  |             |  |
|                                              | 1D     | 2"   | 24"  |                                         | 4.0             | 12                                                   | 11   | 9      | 24    |                               | 4.1           | Brown Mottled Silty Fine Sandy Clay       |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               | 4.9           | Weathered Rock                            |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               | Refusal @ 4.9'<br>Caved & Dry @ 4.2'      |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                      |      |        |       |                               |               |                                           |  |               |  |             |  |
| SAMPLES                                      |        |      |      |                                         |                 | SOIL CLASSIFIED BY:                                  |      |        |       |                               | REMARKS:      |                                           |  |               |  |             |  |
| D = SPLIT SPOON                              |        |      |      |                                         |                 | <input checked="" type="checkbox"/> DRILLER-VISUALLY |      |        |       |                               |               |                                           |  |               |  |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |                                         |                 | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |      |        |       |                               |               |                                           |  |               |  |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |                                         |                 | <input type="checkbox"/> LABORATORY TESTS            |      |        |       |                               |               |                                           |  |               |  |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |                                         |                 |                                                      |      |        |       |                               | HOLE NO. F- 4 |                                           |  |               |  |             |  |

|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|----------------------------------------------|--------|------|-----------------------------------------|------|-----------------|------------------------------------------------|---------------|-------|----------------|-------------------------------|-------------------------------------------------------------------|-----------------------------------------------|-------------|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |                 | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |                | SHEET 1 OF 1<br>HOLE NO. F- 5 |                                                                   |                                               |             |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |                 |                                                |               |       | LINE & STATION |                               |                                                                   |                                               |             |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |                 |                                                |               |       | OFFSET         |                               |                                                                   |                                               |             |
| GROUNDWATER OBSERVATONS                      |        |      |                                         |      |                 | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS  |                               | CORE BARREL                                                       | Start Date                                    | Finish Date |
|                                              |        |      |                                         |      |                 |                                                | 2-1/2"        |       | 1-3/8"         |                               |                                                                   | 12/19/2007                                    | 12/19/2007  |
|                                              |        |      |                                         |      |                 |                                                |               |       | 140 lb.        |                               |                                                                   | SURFACE ELEV:                                 |             |
|                                              |        |      |                                         |      |                 |                                                |               |       | 30"            |                               |                                                                   |                                               |             |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |                 | BLOWS PER 6" ON SAMPLER                        |               |       |                | Vane<br>Reading               | DEPTH                                                             | STRATUM DESCRIPTION                           |             |
|                                              | NO.    | O.D. | PEN.                                    | REC. | DEPTH<br>@ BOT. | 0-6                                            | 6-12          | 12-18 | 18-24          |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               | 1.5                                                               | Brown Fine Sandy Silt,<br>w/Some Organics     |             |
|                                              | 1D     | 2"   | 24"                                     |      | 4.0             | 7                                              | 9             | 10    | 15             |                               | 4.8                                                               | Brown Mottled Silty Fine Sandy Clay           |             |
|                                              | 2D     | 2"   | 24"                                     |      | 7.0             | 19                                             | 16            | 21    | 20             |                               | 9.2                                                               | Brown Silty<br>Fine to Coarse<br>Sandy Gravel |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               | Refusal @ 9.2'<br>Dry in Augers<br>Caved @ 9.0'      Water @ 8.0' |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
|                                              |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
| SAMPLES                                      |        |      |                                         |      |                 | SOIL CLASSIFIED BY:                            |               |       |                | REMARKS:                      |                                                                   |                                               |             |
| D = SPLIT SPOON                              |        |      |                                         |      |                 | <input checked="" type="checkbox"/> XX         |               |       |                | DRILLER-VISUALLY              |                                                                   |                                               |             |
| C = 2" SHELBY TUBE                           |        |      |                                         |      |                 | <input type="checkbox"/>                       |               |       |                | SOIL TECHNICIAN-VISUALLY      |                                                                   |                                               |             |
| S = 3" SHELBY TUBE                           |        |      |                                         |      |                 | <input type="checkbox"/>                       |               |       |                | LABORATORY TESTS              |                                                                   |                                               |             |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |
| HOLE NO. F- 5                                |        |      |                                         |      |                 |                                                |               |       |                |                               |                                                                   |                                               |             |

|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|----------------------------------------------|--------|------|-----------------------------------------|------|------|------------------------------------------------------|------|--------|----------------|-------------------------------|---------------|---------------------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |      | CLIENT<br>Fessenden GeoEnvironmental Services        |      |        |                | SHEET 1 OF 1<br>HOLE NO. F- 6 |               |                                                         |  |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |      |                                                      |      |        | LINE & STATION |                               |               |                                                         |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |      |                                                      |      |        | OFFSET         |                               |               |                                                         |  |
| GROUNDWATER OBSERVATIONS                     |        |      |                                         |      |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL       |      | CASING | SAMPLER        | CORE BARREL                   | Start Date    | Finish Date                                             |  |
|                                              |        |      |                                         |      |      |                                                      |      | HSA    | SS             |                               | 12/19/2007    | 12/19/2007                                              |  |
|                                              |        |      |                                         |      |      |                                                      |      | 2-1/2" | 1-3/8"         |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        | 140 lb.        |                               | SURFACE ELEV: |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        | 30"            |                               |               |                                                         |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |      | BLOWS PER 6" ON SAMPLER                              |      |        |                | Vane<br>Reading               | DEPTH         | STRATUM DESCRIPTION                                     |  |
|                                              | NO.    | O.D. | PEN.                                    | REC. |      | 0-6                                                  | 6-12 | 12-18  | 18-24          |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               | 1.0           | Brown Fine Sandy Silt,<br>w/Some Organics               |  |
|                                              | 1D     | 2"   | 24"                                     |      | 4.0  | 6                                                    | 8    | 9      | 13             |                               | 4.0           | Brown Mottled Silty Clay,<br>w/Some Fine Sand           |  |
|                                              | 2D     | 2"   | 24"                                     |      | 7.0  | 8                                                    | 10   | 15     | 19             |                               | 13.0          | Brown Mottled Silty Clay                                |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              | 3D     | 2"   | 24"                                     |      | 12.0 | 5                                                    | 7    | 7      | 10             |                               | 14.0          | Gray Silty Clay                                         |  |
|                                              | 4D     | 2"   | 24"                                     |      | 15.0 | 1                                                    | 2    | 2      | 2              |                               | 17.5          | Gray Silty Clay w/Fine Sand Layers                      |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              | 5D     | 2"   | 24"                                     |      | 17.0 | 1                                                    | 2    | 1      | 1              |                               | 21.0          | Gray Silty Fine-Coarse Sandy Gravel                     |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              | 6D     | 2"   | 12"                                     |      | 21.0 | 4                                                    | 59   |        |                |                               | 21.0          | Refusal @ 21.0'<br>Dry in Augers<br>Caved & Dry @ 14.0' |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
|                                              |        |      |                                         |      |      |                                                      |      |        |                |                               |               |                                                         |  |
| SAMPLES                                      |        |      |                                         |      |      | SOIL CLASSIFIED BY:                                  |      |        |                | REMARKS:                      |               |                                                         |  |
| D = SPLIT SPOON                              |        |      |                                         |      |      | <input checked="" type="checkbox"/> DRILLER-VISUALLY |      |        |                |                               |               |                                                         |  |
| C = 2" SHELBY TUBE                           |        |      |                                         |      |      | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |      |        |                |                               |               |                                                         |  |
| S = 3" SHELBY TUBE                           |        |      |                                         |      |      | <input type="checkbox"/> LABORATORY TESTS            |      |        |                |                               |               |                                                         |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |      |                                                      |      |        |                | HOLE NO. F- 6                 |               |                                                         |  |

|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|----------------------------------------------|--------|------|-----------------------------------------|------|------------------------------------------------|------------------------------------------------------|---------|-------|----------------|------------------------------|------------------------------------------------------------------|--------------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |                                                | CLIENT<br>Fessenden GeoEnvironmental Services        |         |       |                | SHEET 1 OF 1<br>HOLE NO. F-7 |                                                                  |                                                  |  |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |                                                |                                                      |         |       | LINE & STATION |                              |                                                                  |                                                  |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |                                                |                                                      |         |       | OFFSET         |                              |                                                                  |                                                  |  |
| GROUNDWATER OBSERVATIONS                     |        |      |                                         |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING                                               | SAMPLER |       | CORE BARREL    | Start Date                   | Finish Date                                                      |                                                  |  |
|                                              |        |      |                                         |      |                                                | HSA                                                  | SS      |       |                | 12/20/2007                   | 12/20/2007                                                       |                                                  |  |
|                                              |        |      |                                         |      |                                                | 2-1/2"                                               | 1-3/8"  |       |                | SURFACE ELEV:                |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      | 140 lb. |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      | 30"     |       |                |                              |                                                                  |                                                  |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |                                                | BLOWS PER 6" ON SAMPLER                              |         |       |                | Vane<br>Reading              | DEPTH                                                            | STRATUM DESCRIPTION                              |  |
|                                              | NO.    | O.D. | PEN.                                    | REC. | DEPTH<br>@ BOT.                                | 0-6                                                  | 6-12    | 12-18 | 18-24          |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              | 1.5                                                              | Brown Silty Fine-Medium Sand,<br>w/Some Organics |  |
|                                              | 1D     | 2"   | 24"                                     |      | 4.0                                            | 3                                                    | 4       | 6     | 9              |                              | 4.5                                                              | Brown Mottled Fine Sandy Silt,<br>w/Some Clay    |  |
|                                              | 2D     | 2"   | 24"                                     |      | 7.0                                            | 12                                                   | 17      | 19    | 22             |                              | 13.0                                                             | Brown Mottled Silty Clay                         |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              | 3D     | 2"   | 24"                                     |      | 12.0                                           | 4                                                    | 7       | 9     | 9              |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              | 19.0                                                             | Gray Silty Clay                                  |  |
|                                              | 4D     | 2"   | 18"                                     |      | 17.0                                           | 3                                                    | 4       | 6     |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              | 5D     | 2"   | 24"                                     |      | 22.0                                           | 1                                                    | 3       | 2     | 4              |                              | 22.0                                                             | Gray Silty Clay w/Fine Sand Layers               |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              | Bottom of Boring @ 22.0'<br>Dry in Augers<br>Caved & Dry @ 19.5' |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
|                                              |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
| SAMPLES                                      |        |      |                                         |      |                                                | SOIL CLASSIFIED BY:                                  |         |       |                | REMARKS:                     |                                                                  |                                                  |  |
| D = SPLIT SPOON                              |        |      |                                         |      |                                                | <input checked="" type="checkbox"/> DRILLER-VISUALLY |         |       |                |                              |                                                                  |                                                  |  |
| C = 2" SHELBY TUBE                           |        |      |                                         |      |                                                | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |         |       |                |                              |                                                                  |                                                  |  |
| S = 3" SHELBY TUBE                           |        |      |                                         |      |                                                | <input type="checkbox"/> LABORATORY TESTS            |         |       |                |                              |                                                                  |                                                  |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |
| HOLE NO. F-7                                 |        |      |                                         |      |                                                |                                                      |         |       |                |                              |                                                                  |                                                  |  |

|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|----------------------------------------------|--------|------|-----------------------------------------|------|------------------------------------------------|-----------------------------------------------|---------------|-------|----------------|------------------------------|---------------------------|--------------------------------------------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |                                                | CLIENT<br>Fessenden GeoEnvironmental Services |               |       |                | SHEET 1 OF 1<br>HOLE NO. F-8 |                           |                                                                                |  |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |                                                |                                               |               |       | LINE & STATION |                              |                           |                                                                                |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |                                                |                                               |               |       | OFFSET         |                              |                           |                                                                                |  |
| GROUNDWATER OBSERVATIONS                     |        |      |                                         |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA                                 | SAMPLER<br>SS |       | CORE BARREL    | Start Date<br>12/20/2007     | Finish Date<br>12/20/2007 |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               | 2-1/2"        |       | 1-3/8"         |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               | 140 lb.       |       | SURFACE ELEV:  |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               | 30"           |       |                |                              |                           |                                                                                |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |                                                | BLOWS PER 6" ON SAMPLER                       |               |       |                | Vane<br>Reading              | DEPTH                     | STRATUM DESCRIPTION                                                            |  |
|                                              | NO.    | O.D. | PEN.                                    | REC. | DEPTH<br>@ BOT.                                | 0-6                                           | 6-12          | 12-18 | 18-24          |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              | 1.0                       | Brown Fine Sandy Silt,<br>w/Some Organics                                      |  |
|                                              | 1D     | 2"   | 24"                                     |      | 4.0                                            | 10                                            | 12            | 16    | 27             |                              | 8.0                       | Brown Mottled Silty Clay<br>w/Some Fine Sand                                   |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              | 2D     | 2"   | 24"                                     |      | 7.0                                            | 6                                             | 7             | 8     | 8              |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              | 13.0                      | Brown Silty Clay                                                               |  |
|                                              | 3D     | 2"   | 24"                                     |      | 12.0                                           | 4                                             | 4             | 7     | 8              |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              | 19.0                      | Gray Silty Clay                                                                |  |
|                                              | 4D     | 2"   | 24"                                     |      | 17.0                                           | 2                                             | 2             | 2     | 2              |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              | 20.5                      | Gray Silty Fine-Coarse Sandy Gravel                                            |  |
|                                              | 5D     | 2"   | 8"                                      |      | 20.7                                           | 23                                            | 50            |       |                |                              | 20.7                      | Weathered Rock                                                                 |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           | Refusal @ 20.7'<br>Water in Augers @ 19.0'<br>Caved @ 19.4'      Water @ 18.4' |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
|                                              |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
| SAMPLES                                      |        |      |                                         |      |                                                | SOIL CLASSIFIED BY:                           |               |       |                |                              | REMARKS:                  |                                                                                |  |
| D = SPLIT SPOON                              |        |      |                                         |      |                                                | <input checked="" type="checkbox"/> XX        |               |       |                |                              | DRILLER-VISUALLY          |                                                                                |  |
| C = 2" SHELBY TUBE                           |        |      |                                         |      |                                                | <input type="checkbox"/>                      |               |       |                |                              | SOIL TECHNICIAN-VISUALLY  |                                                                                |  |
| S = 3" SHELBY TUBE                           |        |      |                                         |      |                                                | <input type="checkbox"/>                      |               |       |                |                              | LABORATORY TESTS          |                                                                                |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |
| HOLE NO. F-8                                 |        |      |                                         |      |                                                |                                               |               |       |                |                              |                           |                                                                                |  |

|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|----------------------------------------------|----|--------|-----------------------------------------|------|------|------------------------------------------------------|-------------------------|--------|----------------|------------------------------|-----------------|---------------|-----------------------------------------------------------------------------------------|------------|--|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |    |        |                                         |      |      | CLIENT<br>Fessenden GeoEnvironmental Services        |                         |        |                | SHEET 1 OF 1<br>HOLE NO. F-9 |                 |               |                                                                                         |            |  |             |  |
| DRILLER<br>Jerry Rudnicki                    |    |        | PROJECT NAME<br>Acadia Visitors' Center |      |      |                                                      |                         |        | LINE & STATION |                              |                 |               |                                                                                         |            |  |             |  |
| MTB JOB NUMBER<br>07-263                     |    |        | LOCATION<br>Trenton, ME                 |      |      |                                                      |                         |        | OFFSET         |                              |                 |               |                                                                                         |            |  |             |  |
| GROUNDWATER OBSERVATIONS                     |    |        |                                         |      |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL       |                         | CASING |                | SAMPLER                      |                 | CORE BARREL   |                                                                                         | Start Date |  | Finish Date |  |
|                                              |    |        |                                         |      |      |                                                      |                         | HSA    |                | SS                           |                 |               |                                                                                         | 12/20/2007 |  | 12/20/2007  |  |
|                                              |    |        |                                         |      |      |                                                      |                         | 2-1/2" |                | 1-3/8"                       |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                | 140 lb.                      |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 | SURFACE ELEV: |                                                                                         |            |  |             |  |
| CASING<br>BLOWS<br>PER FOOT                  |    | SAMPLE |                                         |      |      |                                                      | BLOWS PER 6" ON SAMPLER |        |                |                              | Vane<br>Reading | DEPTH         | STRATUM DESCRIPTION                                                                     |            |  |             |  |
|                                              |    | NO.    | O.D.                                    | PEN. | REC. | DEPTH<br>@ BOT.                                      | 0-6                     | 6-12   | 12-18          | 18-24                        |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 | 1.0           | Brown Fine Sandy Silt,<br>w/Some Organics                                               |            |  |             |  |
|                                              | 1D | 2"     | 24"                                     |      | 4.0  | 8                                                    | 8                       | 16     | 24             |                              |                 | 4.5           | Brown Mottled Silty Clay,<br>w/Some Fine Sand                                           |            |  |             |  |
|                                              | 2D | 2"     | 24"                                     |      | 7.0  | 9                                                    | 15                      | 21     | 29             |                              |                 | 11.0          | Brown Mottled Silty Clay                                                                |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              | 3D | 2"     | 24"                                     |      | 12.0 | 4                                                    | 5                       | 5      | 6              |                              |                 | 13.5          | Brown Silty Clay,<br>w/Some Fine Sand Layers                                            |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 | 16.4          | Gray Silty Clay w/Fine Sand Layers                                                      |            |  |             |  |
|                                              | 4D | 2"     | 24"                                     |      | 17.0 | 2                                                    | 2                       | 4      | 23             |                              |                 | 17.0          | Gray Fine-Coarse Sandy Gravel                                                           |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               | Bottom of Boring @ 17.0'<br>Water in Augers @ 13.9'<br>Caved @ 14.0'      Water @ 11.9' |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
|                                              |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
| SAMPLES                                      |    |        |                                         |      |      | SOIL CLASSIFIED BY:                                  |                         |        |                |                              |                 | REMARKS:      |                                                                                         |            |  |             |  |
| D = SPLIT SPOON                              |    |        |                                         |      |      | <input checked="" type="checkbox"/> DRILLER-VISUALLY |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
| C = 2" SHELBY TUBE                           |    |        |                                         |      |      | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
| S = 3" SHELBY TUBE                           |    |        |                                         |      |      | <input type="checkbox"/> LABORATORY TESTS            |                         |        |                |                              |                 |               |                                                                                         |            |  |             |  |
| U = 3 1/2" SHELBY TUBE                       |    |        |                                         |      |      |                                                      |                         |        |                |                              |                 | HOLE NO. F-9  |                                                                                         |            |  |             |  |

|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|----------------------------------------------|--------|------|------|-----------------------------------------|-----------------|------------------------------------------------|------|--------|-------|-------------------------------|--------------------------|-----------------------------------------------------------------------------------------|--|---------------|--|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |                                         |                 | CLIENT<br>Fessenden GeoEnvironmental Services  |      |        |       | SHEET 1 OF 1<br>HOLE NO. F-10 |                          |                                                                                         |  |               |  |             |  |
| DRILLER<br>Jerry Rudnicki                    |        |      |      | PROJECT NAME<br>Acadia Visitors' Center |                 |                                                |      |        |       | LINE & STATION                |                          |                                                                                         |  |               |  |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      | LOCATION<br>Trenton, ME                 |                 |                                                |      |        |       | OFFSET                        |                          |                                                                                         |  |               |  |             |  |
| GROUNDWATER OBSERVATIONS                     |        |      |      |                                         |                 | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING |       | SAMPLER                       |                          | CORE BARREL                                                                             |  | Start Date    |  | Finish Date |  |
|                                              |        |      |      |                                         |                 |                                                |      | HSA    |       | SS                            |                          |                                                                                         |  | 12/20/2007    |  | 12/20/2007  |  |
|                                              |        |      |      |                                         |                 |                                                |      | 2-1/2" |       | 1-3/8"                        |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       | 140 lb.                       |                          |                                                                                         |  | SURFACE ELEV: |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      | 30"    |       |                               |                          |                                                                                         |  |               |  |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |                                         |                 | BLOWS PER 6" ON SAMPLER                        |      |        |       | Vane<br>Reading               | DEPTH                    | STRATUM DESCRIPTION                                                                     |  |               |  |             |  |
|                                              | NO.    | O.D. | PEN. | REC.                                    | DEPTH<br>@ BOT. | 0-6                                            | 6-12 | 12-18  | 18-24 |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               | 1.5                      | Brown Organic Silt                                                                      |  |               |  |             |  |
|                                              | 1D     | 2"   | 24"  |                                         | 4.0             | 6                                              | 6    | 6      | 7     |                               | 4.0                      | Brown Silty Mottled Clay,<br>w/Some Fine Sand Layers                                    |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               | 6.0                      | Brown Silty Clay                                                                        |  |               |  |             |  |
|                                              | 2D     | 2"   | 24"  |                                         | 7.0             | 2                                              | 2    | 3      | 5     |                               | 15.5                     | Gray Silty Clay                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              | 3D     | 2"   | 24"  |                                         | 12.0            | 1                                              | 2    | 4      | 4     |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               | 15.5                     |                                                                                         |  |               |  |             |  |
|                                              | 4D     | 2"   | 24"  |                                         | 17.0            | 1                                              | 2    | 4      | 3     |                               | 23.0                     | Gray Silty Clay,<br>w/Some Fine Sand Layers                                             |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              | 5D     | 2"   | 24"  |                                         | 22.0            | 1                                              | 2    | 3      | 2     |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              | 6D     | 2"   | 24"  |                                         | 24.0            | 2                                              | 2    | 17     | 34    |                               | 24.0                     | Gray Silty Fine-Coarse Sandy Gravel                                                     |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          | Bottom of Boring @ 24.0'<br>Water in Augers @ 14.2'<br>Caved @ 19.9'      Water @ 13.5' |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
|                                              |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
| SAMPLES                                      |        |      |      |                                         |                 | SOIL CLASSIFIED BY:                            |      |        |       |                               | REMARKS:                 |                                                                                         |  |               |  |             |  |
| D = SPLIT SPOON                              |        |      |      |                                         |                 | <input checked="" type="checkbox"/> XX         |      |        |       |                               | DRILLER-VISUALLY         |                                                                                         |  |               |  |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |                                         |                 | <input type="checkbox"/>                       |      |        |       |                               | SOIL TECHNICIAN-VISUALLY |                                                                                         |  |               |  |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |                                         |                 | <input type="checkbox"/>                       |      |        |       |                               | LABORATORY TESTS         |                                                                                         |  |               |  |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |
| HOLE NO. F-10                                |        |      |      |                                         |                 |                                                |      |        |       |                               |                          |                                                                                         |  |               |  |             |  |

|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|----------------------------------------------|--------|------|-----------------------------------------|------|------------------------------------------------|-----------------------------------------------|------|---------------|----------------|-------------------------------|------------------------------------------------------------------|---------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |                                                | CLIENT<br>Fessenden GeoEnvironmental Services |      |               |                | SHEET 1 OF 1<br>HOLE NO. F-11 |                                                                  |                                             |  |
| DRILLER<br>Jerry Rudnicki                    |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |                                                |                                               |      |               | LINE & STATION |                               |                                                                  |                                             |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |                                                |                                               |      |               | OFFSET         |                               |                                                                  |                                             |  |
| GROUNDWATER OBSERVATIONS                     |        |      |                                         |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA                                 |      | SAMPLER<br>SS |                | CORE BARREL                   | Start Date                                                       | Finish Date                                 |  |
|                                              |        |      |                                         |      |                                                | 2-1/2"                                        |      | 1-3/8"        |                |                               | 12/20/2007                                                       | 12/20/2007                                  |  |
|                                              |        |      |                                         |      |                                                |                                               |      | 140 lb.       |                |                               | SURFACE ELEV:                                                    |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      | 30"           |                |                               |                                                                  |                                             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |                                                | BLOWS PER 6" ON SAMPLER                       |      |               |                | Vane<br>Reading               | DEPTH                                                            | STRATUM DESCRIPTION                         |  |
|                                              | NO.    | O.D. | PEN.                                    | REC. | DEPTH<br>@ BOT.                                | 0-6                                           | 6-12 | 12-18         | 18-24          |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               | 1.0                                                              | Brown Fine Sandy Silt<br>w/Some Organics    |  |
| 1D                                           | 2"     | 24"  |                                         |      | 4.0                                            | 4                                             | 7    | 10            | 15             |                               | 8.5                                                              | Brown Mottled Fine Sandy Silty Clay         |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
| 2D                                           | 2"     | 24"  |                                         |      | 7.0                                            | 6                                             | 8    | 10            | 12             |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
| 3D                                           | 2"     | 24   |                                         |      | 12.0                                           | 4                                             | 5    | 7             | 8              |                               | 15.5                                                             | Brown Silty Clay                            |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
| 4D                                           | 2"     | 24"  |                                         |      | 17.0                                           | 2                                             | 2    | 4             | 4              |                               | 17.0                                                             | Gray Silty Clay,<br>w/Some Fine Sand Layers |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               | Bottom of Boring @ 17.0'<br>Dry in Augers<br>Caved & Dry @ 14.0' |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
|                                              |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
| SAMPLES                                      |        |      |                                         |      | SOIL CLASSIFIED BY:                            |                                               |      |               |                | REMARKS:                      |                                                                  |                                             |  |
| D = SPLIT SPOON                              |        |      |                                         |      | <input checked="" type="checkbox"/> XX         |                                               |      |               |                | DRILLER-VISUALLY              |                                                                  |                                             |  |
| C = 2" SHELBY TUBE                           |        |      |                                         |      | <input type="checkbox"/>                       |                                               |      |               |                | SOIL TECHNICIAN-VISUALLY      |                                                                  |                                             |  |
| S = 3" SHELBY TUBE                           |        |      |                                         |      | <input type="checkbox"/>                       |                                               |      |               |                | LABORATORY TESTS              |                                                                  |                                             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |
| HOLE NO. F-11                                |        |      |                                         |      |                                                |                                               |      |               |                |                               |                                                                  |                                             |  |

[illegible]

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|-------------|---------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. M-2 |             |                           |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |             |                           |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |             |                           |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL | Start Date                | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |             | 1/22/2008                 | 1/22/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |             | SURFACE ELEV:             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |             |                           |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH       | STRATUM DESCRIPTION       |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              | 1D     | 2"   | 16"  |      | 3.3                                     | 30                                             | 70            | 75    |               |                              | 3.3         | Brown Silty Gravelly Sand |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 4.3         | Decomposed Rock           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             | Refusal @ 4.3'            |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               | REMARKS:                     |             |                           |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               | DRILLER-VISUALLY             |             |                           |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | SOIL TECHNICIAN-VISUALLY     |             |                           |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | LABORATORY TESTS             |             |                           |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |             |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             | HOLE NO.                  | M-2         |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|--------------------------------------|--------------------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. M-3 |                                      |                                      |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                      |                                      |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                      |                                      |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                          | Start Date                           | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                      | 1/22/2008                            | 1/22/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                      | SURFACE ELEV:                        |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                      |                                      |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                                | STRATUM DESCRIPTION                  |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 1.0                                  | Rusty Silty Gravelly Sand w/Organics |             |  |
|                                              | 1D     | 2"   | 7"   |      | 2.6                                     | 57                                             | 50            |       |               |                              | 2.8                                  | Brown Silty Gravelly Sand w/Cobbles  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 4.1                                  | Decomposed Rock                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | Refusal @ 4.1'<br>Caved & Dry @ 4.0' |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               | REMARKS:                     |                                      |                                      |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               | DRILLER-VISUALLY             |                                      |                                      |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | SOIL TECHNICIAN-VISUALLY     |                                      |                                      |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | LABORATORY TESTS             |                                      |                                      |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                      |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               | HOLE NO. M-3                 |                                      |                                      |             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|-------------------------------------------------------|---------------------------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. M-4 |                                                       |                                             |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                                       |                                             |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                                       |                                             |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                                           | Start Date                                  | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                                       | 1/22/2008                                   | 1/22/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                                       | SURFACE ELEV:                               |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                                       |                                             |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                                                 | STRATUM DESCRIPTION                         |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 0.5                                                   | Brown Silt                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 2.0                                                   | Brown Silty Fine Sand,<br>w/Trace of Gravel |             |  |
|                                              | 1D     | 2"   | 18"  |      | 3.5                                     | 20                                             | 58            | 100   |               |                              | 11.5<br>12.0                                          | Brown Silty Gravelly Sand,<br>w/Cobbles     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 52                                             | 52            | 30    | 30            |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              | 3D     | 2"   | 24"  |      | 12.0                                    | 30                                             | 60            | 66    | 125           |                              | 12.0                                                  | Broken Rock                                 |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | Bottom of Boring @ 12.0'<br>Caved @ 5.9' Water @ 5.0' |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
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|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                              | REMARKS:                                              |                                             |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                              | DRILLER-VISUALLY                                      |                                             |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | SOIL TECHNICIAN-VISUALLY                              |                                             |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | LABORATORY TESTS                                      |                                             |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                                       |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | HOLE NO. M-4                                          |                                             |             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|--------------------------------------------------|------------------------------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. P-1 |                                                  |                                                |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                                  |                                                |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                                  |                                                |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                                      | Start Date                                     | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                                  | 1/22/2008                                      | 1/22/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                                  | SURFACE ELEV:                                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                                  |                                                |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                                            | STRATUM DESCRIPTION                            |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 1.0                                              | Brown Rusty Silty Sand,<br>w/Organics & Gravel |             |  |
|                                              | 1D     | 2"   | 10"  |      | 2.8                                     | 19                                             | 90            |       |               |                              | 2.8                                              | Brown Silty Gravelly Sand                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 3.0                                              | Rock                                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | Refusal @ 3.0'<br>Caved @ 2.1'      Water @ 1.3' |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               | REMARKS:                     |                                                  |                                                |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               | DRILLER-VISUALLY             |                                                  |                                                |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | SOIL TECHNICIAN-VISUALLY     |                                                  |                                                |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | LABORATORY TESTS             |                                                  |                                                |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  |                                                |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                  | HOLE NO.                                       | P-1         |  |

|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|----------------------------------------------|--------|------|-----------------------------------------|------|--------------|------------------------------------------------------|------|--------|---------|------------------------------|---------------|-----------------------------------------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                         |      |              | CLIENT<br>Fessenden GeoEnvironmental Services        |      |        |         | SHEET 1 OF 1<br>HOLE NO. P-2 |               |                                                           |  |
| DRILLER<br>Jon Rudnicki                      |        |      | PROJECT NAME<br>Acadia Visitors' Center |      |              |                                                      |      |        |         | LINE & STATION               |               |                                                           |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                 |      |              |                                                      |      |        |         | OFFSET                       |               |                                                           |  |
| GROUNDWATER OBSERVATIONS                     |        |      |                                         |      |              | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL       |      | CASING | SAMPLER | CORE BARREL                  | Start Date    | Finish Date                                               |  |
|                                              |        |      |                                         |      |              |                                                      |      | HSA    | SS      |                              | 1/22/2008     | 1/22/2008                                                 |  |
|                                              |        |      |                                         |      |              |                                                      |      | 2-1/2" | 1-3/8"  |                              | SURFACE ELEV: |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        | 140 lb. |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        | 30"     |                              |               |                                                           |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                         |      |              | BLOWS PER 6" ON SAMPLER                              |      |        |         | Vane<br>Reading              | DEPTH         | STRATUM DESCRIPTION                                       |  |
|                                              | NO.    | O.D. | PEN.                                    | REC. | DEPTH @ BOT. | 0-6                                                  | 6-12 | 12-18  | 18-24   |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              | 6.5           | Brown Silty Gravelly Sand                                 |  |
|                                              | 1D     | 2"   | 6"                                      |      | 2.5          | 75                                                   |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              | 2D     | 2"   | 18"                                     |      | 6.5          | 49                                                   | 56   | 125    |         |                              | 6.5           | Bottom of Boring @ 6.5'<br>Caved @ 6.1'      Water @ 6.0' |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
|                                              |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
| SAMPLES                                      |        |      |                                         |      |              | SOIL CLASSIFIED BY:                                  |      |        |         | REMARKS:                     |               |                                                           |  |
| D = SPLIT SPOON                              |        |      |                                         |      |              | <input checked="" type="checkbox"/> DRILLER-VISUALLY |      |        |         |                              |               |                                                           |  |
| C = 2" SHELBY TUBE                           |        |      |                                         |      |              | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |      |        |         |                              |               |                                                           |  |
| S = 3" SHELBY TUBE                           |        |      |                                         |      |              | <input type="checkbox"/> LABORATORY TESTS            |      |        |         |                              |               |                                                           |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |
| HOLE NO. P-2                                 |        |      |                                         |      |              |                                                      |      |        |         |                              |               |                                                           |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|--------------------------|---------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. P-3 |                          |                           |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                          |                           |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                          |                           |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL              | Start Date                | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                          | 1/22/2008                 | 1/22/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                          | SURFACE ELEV:             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                          |                           |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                    | STRATUM DESCRIPTION       |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 0.5                      |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              | 1D     | 2"   | 12"  |      | 3.0                                     | 30                                             | 100           |       |               |                              | 3.0                      | Brown Silty Gravelly Sand |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 3.6                      | Broken Rock               |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | Refusal @ 3.6'<br>Dry    |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                              | REMARKS:                 |                           |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                              | DRILLER-VISUALLY         |                           |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | SOIL TECHNICIAN-VISUALLY |                           |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | LABORATORY TESTS         |                           |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                          |                           |             |  |
| HOLE NO.                                     |        |      |      |      |                                         |                                                |               |       |               |                              |                          | P-3                       |             |  |

|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|----------------------------------------------|--------|------|------------------------------------------------|------|-----------------|------------------------------------------------------|---------|-------|----------------|------------------------------|--------------------------------------------------|-----------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                                |      |                 | CLIENT<br>Fessenden GeoEnvironmental Services        |         |       |                | SHEET 1 OF 1<br>HOLE NO. P-4 |                                                  |                             |  |
| DRILLER<br>Jon Rudnicki                      |        |      | PROJECT NAME<br>Acadia Visitors' Center        |      |                 |                                                      |         |       | LINE & STATION |                              |                                                  |                             |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                        |      |                 |                                                      |         |       | OFFSET         |                              |                                                  |                             |  |
| GROUNDWATER OBSERVATIONS                     |        |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING          |                                                      | SAMPLER |       | CORE BARREL    |                              | Start Date                                       | Finish Date                 |  |
|                                              |        |      |                                                |      | HSA             |                                                      | SS      |       |                |                              | 1/22/2008                                        | 1/22/2008                   |  |
|                                              |        |      |                                                |      | 2-1/2"          |                                                      | 1-3/8"  |       |                |                              | SURFACE ELEV:                                    |                             |  |
|                                              |        |      |                                                |      |                 |                                                      | 140 lb. |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      | 30"     |       |                |                              |                                                  |                             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                                |      |                 | BLOWS PER 6" ON SAMPLER                              |         |       |                | Vane<br>Reading              | DEPTH                                            | STRATUM DESCRIPTION         |  |
|                                              | NO.    | O.D. | PEN.                                           | REC. | DEPTH<br>@ BOT. | 0-6                                                  | 6-12    | 12-18 | 18-24          |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              | 0.5                                              | Brown Sandy Silt w/Organics |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              | 4.5                                              | Brown Sandy Silt            |  |
|                                              | 1D     | 2"   | 24"                                            |      | 4.0             | 11                                                   | 18      | 25    | 25             |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              | 6.4                                              | Brown Silty Gravelly Sand   |  |
|                                              | 2D     | 2"   | 17"                                            |      | 6.4             | 25                                                   | 50      | 100   |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              | Refusal @ 6.4'<br>Caved @ 6.3'      Water @ 6.2' |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
|                                              |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
| SAMPLES                                      |        |      |                                                |      |                 | SOIL CLASSIFIED BY:                                  |         |       |                | REMARKS:                     |                                                  |                             |  |
| D = SPLIT SPOON                              |        |      |                                                |      |                 | <input checked="" type="checkbox"/> DRILLER-VISUALLY |         |       |                |                              |                                                  |                             |  |
| C = 2" SHELBY TUBE                           |        |      |                                                |      |                 | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |         |       |                |                              |                                                  |                             |  |
| S = 3" SHELBY TUBE                           |        |      |                                                |      |                 | <input type="checkbox"/> LABORATORY TESTS            |         |       |                |                              |                                                  |                             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |
| HOLE NO. P-4                                 |        |      |                                                |      |                 |                                                      |         |       |                |                              |                                                  |                             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|-------------|--------------------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. P-5 |             |                                      |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |             |                                      |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |             |                                      |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL | Start Date                           | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |             | 1/22/2008                            | 1/22/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |             | SURFACE ELEV:                        |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |             |                                      |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH       | STRATUM DESCRIPTION                  |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 0.5         | Brown Sandy Silt w/Organics          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             | Brown Sandy Silt                     |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 12                                             | 18            | 21    | 27            |                              | 3.5         |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 4.5         | Brown Sandy Clayey Silt              |             |  |
|                                              | D      | 2"   | 1"   | 0"   | 5.1                                     | 50                                             |               |       |               |                              |             | Brown Silty Gravelly Sand w/Cobbles  |             |  |
|                                              | 2D     | 2"   | 6"   |      | 6.2                                     | 60                                             |               |       |               |                              | 6.2         |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             | Refusal @ 6.2'<br>Caved & Dry @ 5.7' |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               | REMARKS:                     |             |                                      |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               | DRILLER-VISUALLY             |             |                                      |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | SOIL TECHNICIAN-VISUALLY     |             |                                      |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | LABORATORY TESTS             |             |                                      |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |             |                                      |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               | HOLE NO. P-5                 |             |                                      |             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|-----------------------------------------------------------|---------------------------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. P-6 |                                                           |                                             |             |  |
| DRILLER<br>Jon Rudnicki                      |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                                           |                                             |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                                           |                                             |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                                               | Start Date                                  | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                                           | 1/23/2008                                   | 1/23/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                                           | SURFACE ELEV:                               |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                                           |                                             |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                                                     | STRATUM DESCRIPTION                         |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 1.0                                                       | Topsoil                                     |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 5.0                                                       | Brown Mottled Clayey Silt,<br>w/Silt Layers |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 12                                             | 32            | 34    | 34            |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 7.0                                                       | Brown Silty Sand                            |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 11                                             | 12            | 16    | 42            |                              | Bottom of Boring @ 7.0'<br>Caved @ 6.2'      Water @ 4.6' |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               | REMARKS:                     |                                                           |                                             |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               | DRILLER-VISUALLY             |                                                           |                                             |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | SOIL TECHNICIAN-VISUALLY     |                                                           |                                             |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               | LABORATORY TESTS             |                                                           |                                             |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                                           |                                             |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               | HOLE NO. P-6                 |                                                           |                                             |             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|---------------------------------|--------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. P-7 |                                 |                          |             |  |
| DRILLER<br>Andy Durant                       |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                 |                          |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                 |                          |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                     | Start Date               | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                 | 1/23/2008                | 1/23/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                 | SURFACE ELEV:            |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                 |                          |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                           | STRATUM DESCRIPTION      |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 1.0                             | Topsoil                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 7.5                             | Brown Mottled Silty Clay |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 11                                             | 30            | 40    | 46            |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 13                                             | 19            | 26    | 23            |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | Bottom of Boring @ 7.5'<br>Damp |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                              | REMARKS:                        |                          |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                              | DRILLER-VISUALLY                |                          |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | SOIL TECHNICIAN-VISUALLY        |                          |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | LABORATORY TESTS                |                          |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                 |                          |             |  |
| HOLE NO.                                     |        |      |      |      |                                         |                                                |               |       |               |                              |                                 | P-7                      |             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|-----------------------------------------------|--------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. P-8 |                                               |                          |             |  |
| DRILLER<br>Andy Durant                       |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                               |                          |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                               |                          |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                                   | Start Date               | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                               | 1/23/2008                | 1/23/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                               | SURFACE ELEV:            |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                               |                          |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                                         | STRATUM DESCRIPTION      |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 0.5                                           | Topsoil                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 7.0                                           | Brown Mottled Silty Clay |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 12                                             | 24            | 40    | 51            |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 7                                              | 15            | 18    | 20            |                              | Bottom of Boring @ 7.0'<br>Caved & Dry @ 5.1' |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                              | REMARKS:                                      |                          |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                              | DRILLER-VISUALLY                              |                          |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | SOIL TECHNICIAN-VISUALLY                      |                          |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | LABORATORY TESTS                              |                          |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                               |                          |             |  |
| HOLE NO.                                     |        |      |      |      |                                         |                                                |               |       |               |                              |                                               | P-8                      |             |  |

|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|----------------------------------------------|--------|------|------|------|-----------------------------------------|------------------------------------------------|---------------|-------|---------------|------------------------------|-----------------------------------------|--------------------------|-------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |      |      |                                         | CLIENT<br>Fessenden GeoEnvironmental Services  |               |       |               | SHEET 1 OF 1<br>HOLE NO. P-9 |                                         |                          |             |  |
| DRILLER<br>Andy Durant                       |        |      |      |      | PROJECT NAME<br>Acadia Visitors' Center |                                                |               |       |               | LINE & STATION               |                                         |                          |             |  |
| MTB JOB NUMBER<br>07-263                     |        |      |      |      | LOCATION<br>Trenton, ME                 |                                                |               |       |               | OFFSET                       |                                         |                          |             |  |
| GROUNDWATER OBSERVATONS                      |        |      |      |      |                                         | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL | CASING<br>HSA |       | SAMPLER<br>SS |                              | CORE BARREL                             | Start Date               | Finish Date |  |
|                                              |        |      |      |      |                                         |                                                | 2-1/2"        |       | 1-3/8"        |                              |                                         | 1/23/2008                | 1/23/2008   |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 140 lb.       |                              |                                         | SURFACE ELEV:            |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       | 30"           |                              |                                         |                          |             |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |      |      |                                         | BLOWS PER 6" ON SAMPLER                        |               |       |               | Vane<br>Reading              | DEPTH                                   | STRATUM DESCRIPTION      |             |  |
|                                              | NO.    | O.D. | PEN. | REC. | DEPTH<br>@ BOT.                         | 0-6                                            | 6-12          | 12-18 | 18-24         |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 1.0                                     | Topsoil                  |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              | 7.0                                     | Brown Mottled Silty Clay |             |  |
|                                              | 1D     | 2"   | 24"  |      | 4.0                                     | 4                                              | 10            | 16    | 20            |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              | 2D     | 2"   | 24"  |      | 7.0                                     | 11                                             | 19            | 27    | 40            |                              | Bottom of Boring @ 7.0'<br>Water @ 6.9' |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
|                                              |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
| SAMPLES                                      |        |      |      |      |                                         | SOIL CLASSIFIED BY:                            |               |       |               |                              | REMARKS:                                |                          |             |  |
| D = SPLIT SPOON                              |        |      |      |      |                                         | <input checked="" type="checkbox"/> XX         |               |       |               |                              | DRILLER-VISUALLY                        |                          |             |  |
| C = 2" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | SOIL TECHNICIAN-VISUALLY                |                          |             |  |
| S = 3" SHELBY TUBE                           |        |      |      |      |                                         | <input type="checkbox"/>                       |               |       |               |                              | LABORATORY TESTS                        |                          |             |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |
| HOLE NO. P-9                                 |        |      |      |      |                                         |                                                |               |       |               |                              |                                         |                          |             |  |

|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|----------------------------------------------|--------|------|------------------------------------------------|------|------------------------------------------------------|-----------------------------------------------|---------|-------|----------------|-------------------------------|-----------------------------------------------------------|--------------------------|--|
| MAINE TEST BORINGS, INC.<br>BREWER, ME 04412 |        |      |                                                |      |                                                      | CLIENT<br>Fessenden GeoEnvironmental Services |         |       |                | SHEET 1 OF 1<br>HOLE NO. P-10 |                                                           |                          |  |
| DRILLER<br>Andy Durant                       |        |      | PROJECT NAME<br>Acadia Visitors' Center        |      |                                                      |                                               |         |       | LINE & STATION |                               |                                                           |                          |  |
| MTB JOB NUMBER<br>07-263                     |        |      | LOCATION<br>Trenton, ME                        |      |                                                      |                                               |         |       | OFFSET         |                               |                                                           |                          |  |
| GROUNDWATER OBSERVATIONS                     |        |      | TYPE<br>SIZE I.D.<br>HAMMER WT.<br>HAMMER FALL |      | CASING                                               |                                               | SAMPLER |       | CORE BARREL    |                               | Start Date                                                | Finish Date              |  |
|                                              |        |      |                                                |      | HSA                                                  |                                               | SS      |       |                |                               | 1/23/2008                                                 | 1/23/2008                |  |
|                                              |        |      |                                                |      | 2-1/2"                                               |                                               | 1-3/8"  |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               | 140 lb. |       |                |                               | SURFACE ELEV:                                             |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               | 30"     |       |                |                               |                                                           |                          |  |
| CASING<br>BLOWS<br>PER FOOT                  | SAMPLE |      |                                                |      |                                                      | BLOWS PER 6" ON SAMPLER                       |         |       |                | Vane<br>Reading               | DEPTH                                                     | STRATUM DESCRIPTION      |  |
|                                              | NO.    | O.D. | PEN.                                           | REC. | DEPTH<br>@ BOT.                                      | 0-6                                           | 6-12    | 12-18 | 18-24          |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | 0.5                                                       | Topsoil                  |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | 4.0                                                       | Brown Mottled Silty Clay |  |
|                                              | 1D     | 2"   | 24"                                            |      | 4.0                                                  | 4                                             | 10      | 29    | 40             |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | 7.0                                                       | Brown Mottled Sandy Silt |  |
|                                              | 2D     | 2"   | 24"                                            |      | 7.0                                                  | 4                                             | 15      | 15    | 23             |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               | Bottom of Boring @ 7.0'<br>Caved @ 5.5'      Water @ 4.5' |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
|                                              |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
| SAMPLES                                      |        |      |                                                |      | SOIL CLASSIFIED BY:                                  |                                               |         |       |                | REMARKS:                      |                                                           |                          |  |
| D = SPLIT SPOON                              |        |      |                                                |      | <input checked="" type="checkbox"/> DRILLER-VISUALLY |                                               |         |       |                |                               |                                                           |                          |  |
| C = 2" SHELBY TUBE                           |        |      |                                                |      | <input type="checkbox"/> SOIL TECHNICIAN-VISUALLY    |                                               |         |       |                |                               |                                                           |                          |  |
| S = 3" SHELBY TUBE                           |        |      |                                                |      | <input type="checkbox"/> LABORATORY TESTS            |                                               |         |       |                |                               |                                                           |                          |  |
| U = 3 1/2" SHELBY TUBE                       |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |
| HOLE NO. P-10                                |        |      |                                                |      |                                                      |                                               |         |       |                |                               |                                                           |                          |  |

## **Appendix D : Laboratory Test Results**

**LABORATORY TEST DATA  
AVAILABLE UPON REQUEST**