# OCONEE COUNTY PROCUREMENT OFFICE
# 415 S. PINE STREET, ROOM 100
# WALHALLA, SC 29691

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## ADDENDUM NO. 2
## ITB 16-14

## PHASE 1 & PHASE 2 MASS GRADING IMPROVEMENTS FOR OCONEE INDUSTRY AND TECHNOLGY PARK

**OPENING DATE: MARCH 1, 2017 AT 2:00 PM - UNCHANGED**

This Addendum #2 contains answers to all questions received by the deadline for questions, February 22, 2017 at 2:00pm. The Bidder shall include a copy of this Addendum No. 2 signed with the bid and acknowledge addendum on the bid form.

**Question 1:** **Could the bids be emailed?**
**Answer 1:** No, only hard copies of the bids will be accepted.

**Question 2:** **Is the contractor required to provide a field office for the owner or engineer?**
**Answer 2:** No.

**Question 3:** **Phase 1 appears to have excess material. Can this be placed in the future fill area for Phase 2?**
**Answer 3:** Yes, the excess material is to be placed in the "stockpile" area shown in the Phase 1 Plans. The fill is to be compacted as Specified in Section 2204–Earthwork Part 3.9 Field Quality Control.

**Question 4:** **If unsuitable material is encountered will the contractor be able to leave it on site?**
**Answer 4:** Unsuitable material, if encountered, can be disposed of onsite at a location approved by the Owner and Engineer.

**Question 5:** **Please confirm owner will allow burning onsite.**
**Answer 5:** Oconee County does not have any restrictions on burning. However, contractors are required to notify the South Carolina Forestry Commission and follow their instructions and guidelines for burning. See attached document from their web page. Contractor is to notify Engineer before conducting burning activities.

**Question 6:** **Confirm if the owner will provide material testing. Special Conditions SC-5 states contractor to provide material testing, but specification 01410 Section 1.4 Item A says owner is to provide material testing.**
**Answer 6:** The Owner will provide material testing.

**Question 7:** **Specials Conditions SC-7C state builders risk insurance is required. Construction of a building/structure is not part of this scope. Confirm builders risk is not required. It is not needed for site work construction.**

**Answer 7:** Builders Risk Insurance is not required.

**Question 8:** **Supplementary Conditions Item SC6.02B state that weekend work must be approved by owner. Confirm the owner will allow work on Saturdays as part of the standard work week. And confirm if the owner will allow work on Sundays if needed for the schedule.**

**Answer 8:** Saturday work will be allowed by the Owner as part of the standard work week. Sunday work will be allowed, but will need to be approved in advance by the Owner. Work on Sunday will only be allowed after 1:00 pm.

**Question 9:** **Confirm which section governs; Special Conditions Section SC-23 or Supplementary Conditions Section SC-6.12.B**

**Answer 9:** Special Conditions Section SC-23 governs. Contractor is to provide a record drawing survey of the pond and stormwater system. Record Drawing should include elevations, pond, top of bank, toe of slope and emergency spillway of the pond, pipe sizes, elevations and dimensions of outlet structure including weir and orifice dimensions and elevations. Record Drawing is to be tied to South Carolina State Plane Coordinate system and must be certified and signed by registered Surveyor in the State of South Carolina.

**Question 10:** **Supplementary Conditions section SC-6.13.A.3, second paragraph states Engineer may require enclosing or special protection from weather. Does this refer to a building or to site work? If it pertains to site work, what could be the required protection?**

**Answer 10:** Strike out words “deemed necessary by Engineer” from Supplementary Conditions Section SC-6.13.A.3, Paragraph 2.

**Question 11:** **Confirm the compaction requirements for the project. The specifications state unpaved areas are to be compacted to 90% standard proctor. With expectation that buildings and roads will be built in the future should the compaction be as if all area could be under pavement?**

**Answer 11:** In accordance with the Geotechnical Engineer, all areas are to be compacted to 95% standard proctor in accordance with ASTM D698. The areas below the Future Road “A”, Road “B” and Road “C” are to be compacted to 98% compaction for the last 12” of subgrade. Roadway compaction should be 30’ feet wide measured from each centerline shown on the plans.

**Question 12:** **Special Conditions SC-16 states itemized quantities will be paid as a unit price per what is needed to complete the project. Specification 02210 Soil Erosion Control Section 1.6 states most of the erosion control items are a lump sum price. Please confirm which section governs.**

**Answer 12**: The contract is Lump Sum. The quantities shown are estimates for information purposes only.

**Question 13:** **Will rain days and the subsequent days to dry out before working can resume extend the contract time day for day?**

**Answer 13:** Per Section 00506 – Standard Form Agreement, Article 3.1, six (6) rain days are included for Phase 1 and twenty (20) rain days are included in the Phase 2 contract time. Time delays due to rain in excess of the above days shall be reported by the Contractor to the Engineer in writing, within 30 days of each event. Extension to the contract time due to time delays associated with rain will be evaluated by the Engineer and Owner.

**Question 14:** **Phase 1** - **The bid proposal for (Phase 1) lists the number of stone check dams as 5 each. 10 rock check dams are shown on sheet EC2.1. How will the contractor be compensated for the additional 5 stone check dams?**

**Answer 14:** The intent of the Phase 1 Plans is to show a total of 5 check dams and this is the quantity that should be bid. The SCDHEC symbol for a check dam actually appears to be two check dams.

**Question 15:** **Phase 1** - **The bid proposal form (Phase 1) lists the 15" and 18" pipe as HDPE. Sheet C2.1 calls both pipe runs to be CMP while the sediment basin detail on sheet EC4.4 lists the outlet pipe as RCP. Which pipe product are we to bid?**

**Answer 15:** The pipe will be installed for temporary purposes. The material can be installed as CMP, HDPE or RCP, sufficient to handle construction access to the site.

**Question 16:** **What type of North American Green Erosion Control Blanket is to be used?**

**Answer 16:** See Specification Section 02210 – Soil Erosion Control, Section 2.6 Erosion Control Blanket.

**Question 17:** **There is not a pay item for sodding. Will sodding be paid for in the grassing line item? Are the slopes of the pond the only thing to get sodded?**

**Answer 17:** There are no areas that are intended to be sodded. All areas are to be seeded in accordance with Specification Section 02902 – Grassing.

**Question 18:** **Phase 2 - What is to get sodded in this phase?**

**Answer 18:** No areas are to be sodded. See answer above to Question 17.

**Question 19:** **The initial erosion control plans show the Sediment Basin 1-3 and Pond 1 being installed first. Will the contractor be allowed to place the excavation out of the ponds in the fill areas onsite or will the contractor have to stockpile the cut from the ponds and then touch it again to place as onsite fill?**

**Answer 19:** The Contractor will be allowed to place the fill in the immediate fill areas adjacent to the basins as necessary to completed the construction of the pond and sediment basins. Diversions/swales must be in place to divert all runoff from these areas to the pond/sediment basin to which it drains.

**Question 20:** **Will the contractor be allowed the clear and grub the entire 110 acres at one time?**

**Answer 20:** The contractor is to follow the phasing schedule as shown on the Erosion Control Plan Sheets. The entire site can be cleared once the perimeter BMP's are installed and pond/sediment basins are installed.

**Question 21:** **What are the limits of respreading topsoil? The plans show the centerline of the future roads within the park. Does the Owner still want to respread topsoil in these areas since the road will not be constructed yet?**

**Answer 21:** Topsoil is to be respread in all areas with the exception of the building pad closest to future Road "A", and within the future Road A, Road B and Road C limits (30' width).

**Question 22:** **Is there an address for the project site?**

**Answer 22:** 1000 Innovation Way, Westminster, SC 29693 is the address of the existing industry, Baxter Manufacturing and Hi-Tech Mold Carolina, inside the park. This is the only address for the park as it is currently the only occupant; however, do not enter the property of the existing facility within the park.

**Question 23:** **<u>Phase 2</u> - Is the RCP used on the project to be O-Ring with rubber gaskets or tongue and groove with conseal? If O-Ring, may tongue and groove with conseal be substituted for this pipe?**

**Answer 23:** O-Ring Reinforced Concrete Pipe with rubber gaskets is to be provided.

**Question 24:** **Is there a more up-to-date boring location sheet that shows the current site plan with the boring data? The geotechnical report indicates that existing cultivated soils are not suitable for building support and should be undercut from beneath any planned building areas. It looks as though both building pads lay within the limits of the existing cultivated soils. It would be helpful to have this information to better dictate the limits of undercut since unsuitable soil removal/replacement and rock excavation will not be paid for by the Owner.**

**Answer 24:** Terracon is currently performing an additional geotechnical exploration on the site. It was anticipated to be completed by Monday, February 20, 2017, but due to setbacks, the work is currently not completed. 25 Boring Logs have been provided showing the infield data collected. The soil boring logs and location map are enclosed. The borings completed are highlighted on the Boring Location Map in yellow. Three of the borings encountered rock; however, only the rock in Boring B-6 was above the proposed finished grade elevation. The borings that encountered rock are highlighted in green. The new geotechnical report will be provided as soon as possible. Bid earthwork as unclassified.

**Question 25:** **Since we are required to have 2 bid Bonds One for Phase 1 and One for Phase 2 should we enclose each bid in a separate envelope?**

**Answer 25:** The Bids are to be submitted in the same envelope.

**Question 26:** **Would it be possible to include a Unit Price to Bid for Rock Excavation? This is the normal practice when no Rock quantity is given and would apply to each bidder.**

**Answer 26:** No, the project is to be bid as Unclassified. No separate unit payment will be made for rock removal.

**Question 27:** **Section 01135 Bidder's Qualifications, is this to be submitted with the bid?**

**Answer 27:** Yes, since there will be a short time frame between the bid opening and county Council Meeting, please provide a completed copy of Specification Section 01135 - Bidder's Qualifications with the Bid.

**Question 28:** **After reviewing the earthwork for the Phase 2 bid, would the Engineer allow the contractor to adjust grades in order to produce a balanced site? What would be the maximum that the contractor could raise or lower the site in order to balance it and not affect utilities?**

**Answer 28:** If the earthwork is determined to be unbalanced, the material can either be stored or found onsite, at locations as approved by the Owner, Engineer and Geotechnical consultant.

**Question 29:** **Will a Plan Holder's List be provided?**

**Answer 29:** The updated Plan Holder's List is enclosed.

## END ADDENDUM NO. 2

Dated: February 23, 2017

Please acknowledge receipt of Addendum by signing and attaching to your bid.

BY: _____ DATE: _____
(Contractor)

_____ _____
(Signature) (Title of Signing Officer)

# Frequently Asked Questions about Outdoor Burning in South Carolina

**Q: What can I legally burn?**

A: Vegetative debris, including limbs, leaves, and grass clippings can be burned. If it grows on your property, you can burn it.

**Q: What items cannot be legally burned?**

A: You cannot burn household garbage, plastics, shingles, tires, lumber, rubber, or anything other than plant growth that originates on the site.

**Q: What do I have to do before I conduct an outdoor burn?**

A: State law requires that you notify the Forestry Commission (see below) and follow certain precautions. To implement the proper precautions, you must clear a firebreak around the burn site and have the right equipment (water hose, tractor, shovel, hand tools, etc) available to keep the fire under control. You must also stay with the fire until it is completely safe.

All burning MUST comply with regulations established by the SC Department of Health and Environmental Control. To find out more about DHEC regulations and outdoor burning, follow this link: http://www.scdhec.gov/environment/baq/OpenBurning/

In addition to state laws regulating outdoor burning, there may be other local ordinances that apply in your area. Be sure to check with your local fire department or county fire marshal before burning.

**Q: What time of day can I burn?**

A: The law does not restrict the time of day you can burn. However, burning during the late afternoon or at night, temperature inversions can cause smoke to linger close to the ground, where it may impact your neighbors or nearby roads. In general, it is best to burn between 10 am and 3 pm. This time of day is best for smoke dissipation, and will reduce the risk of negatively impacting your neighbors.

**Q: How do I notify the Forestry Commission?**

A: The toll-free numbers below allow you a quick, easy way to make your yard debris burning notification. Just dial the appropriate number, listen to the message, and leave your name, address and phone number. The notification law does not apply within town or corporate limits.

South Carolina
Forestry Commission

# Land Clearing, Construction, and Other Burning Information

## Notification Procedure

If adjacent to woods, brush, or grassland, state law requires you notify the Forestry Commission before burning any vegetative materials from land clearing activity or right-of-way maintenance. Also included is any outdoor burning conducted for training purposes. The state notification law does not apply within town or city limits, but certain city ordinances may regulate the burning.

All burning of this type must comply with DHEC Regulation 61-62.2. You should make sure you understand the requirements prior to calling for notification. Forestry Commission dispatchers are not authorized to interpret this regulation. If you need an explanation of Regulation 61-62.2, call the nearest office of the SC Department of Health and Environmental Control.

The toll-free numbers below allow you a quick, easy way to make your burning notification. Just dial the appropriate number, listen to the message, and leave your name, address and phone number.

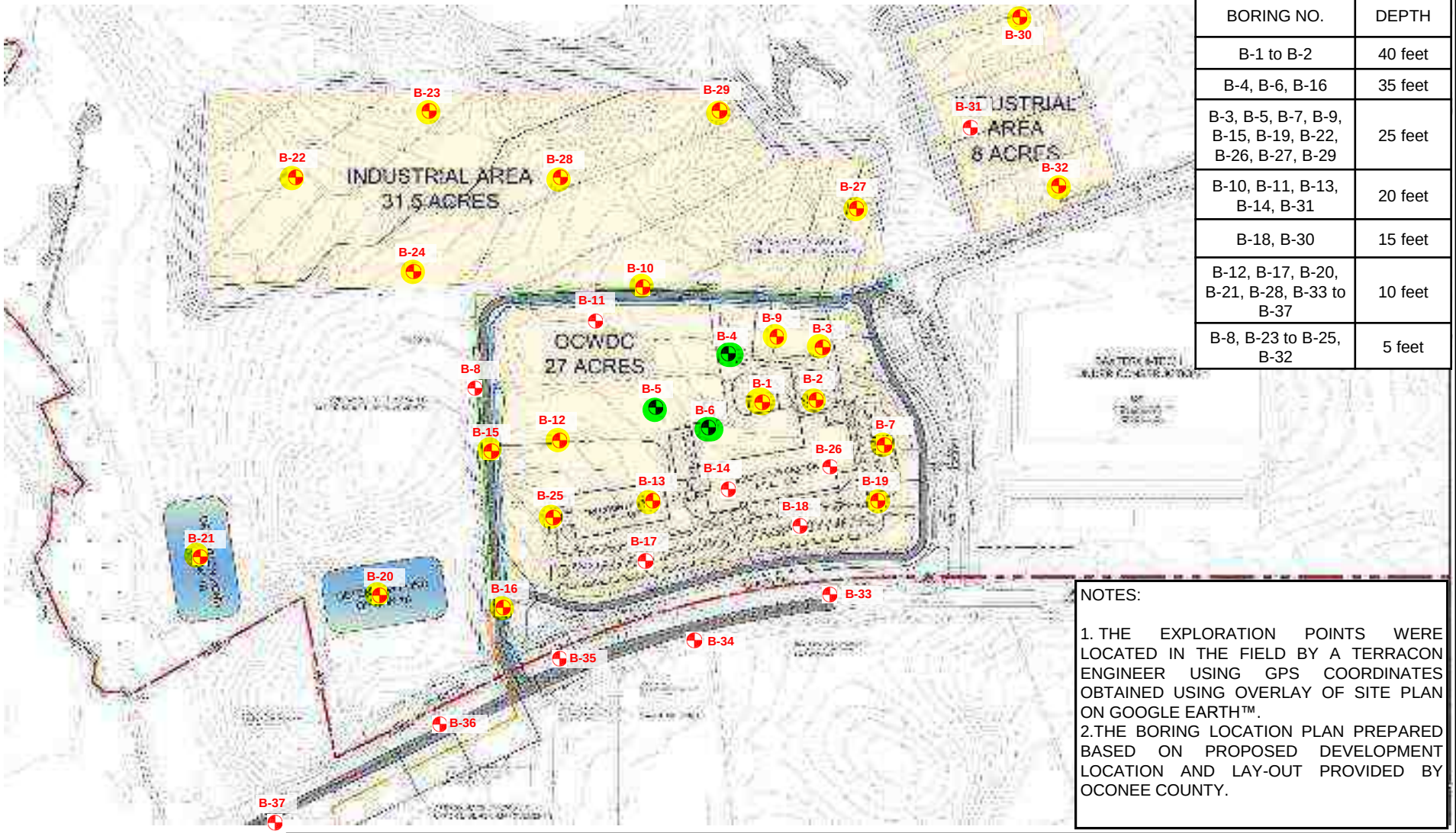
| County | Number | County | Number |
|---|---|---|---|
| Abbeville | 1-800-895-7056 | Greenwood | 1-800-986-5337 |
| Aiken | 1-800-895-7057 | Hampton | 1-800-986-5403 |
| Allendale | 1-800-895-7058 | Horry | 1-800-986-5404 |
| Anderson | 1-800-895-7059 | Jasper | 1-800-986-5405 |
| Bamberg | 1-800-895-7060 | Kershaw | 1-800-705-8608 |
| Barnwell | 1-800-895-7061 | Lancaster | 1-800-705-8610 |
| Beaufort | 1-800-895-7062 | Laurens | 1-800-705-8611 |
| Berkeley | 1-800-895-7063 | Lee | 1-800-705-8612 |
| Calhoun | 1-800-895-7064 | Lexington | 1-800-705-8613 |
| Charleston | 1-800-985-3593 | Marion | 1-800-705-8614 |
| Cherokee | 1-800-985-3594 | Marlboro | 1-800-705-8615 |
| Chester | 1-800-985-3595 | McCormick | 1-800-705-8616 |
| Chesterfield | 1-800-985-3596 | Newberry | 1-800-705-8617 |
| Clarendon | 1-800-985-3597 | Oconee | 1-800-705-8618 |
| Colleton | 1-800-985-3599 | Orangeburg | 1-800-917-9636 |
| Darlington | 1-800-985-3743 | Pickens | 1-800-917-9637 |
| Dillon | 1-800-985-3745 | Richland | 1-800-917-9638 |
| Dorchester | 1-800-985-3746 | Saluda | 1-800-917-9639 |
| Edgefield | 1-800-985-5138 | Spartanburg | 1-800-917-9640 |
| Fairfield | 1-800-985-5162 | Sumter | 1-800-917-9641 |
| Florence | 1-800-985-5165 | Union | 1-800-917-9642 |
| Georgetown | 1-800-985-5256 | Williamsburg | 1-800-917-9643 |
| Greenville | 1-800-985-5299 | York | 1-800-917-9644 |

**Laws and Regulations**

**Outdoor Burning/ Frequently Asked Questions**

**LEGEND:**

SPT BORING (APPROX. LOCATION)




| PROPOSED BORING LOCATIONS | |
|---|---|
| BORING NO. | DEPTH |
| B-1 to B-2 | 40 feet |
| B-4, B-6, B-16 | 35 feet |
| B-3, B-5, B-7, B-9, B-15, B-19, B-22, B-26, B-27, B-29 | 25 feet |
| B-10, B-11, B-13, B-14, B-31 | 20 feet |
| B-18, B-30 | 15 feet |
| B-12, B-17, B-20, B-21, B-28, B-33 to B-37 | 10 feet |
| B-8, B-23 to B-25, B-32 | 5 feet |

NOTES:

1. THE EXPLORATION POINTS WERE LOCATED IN THE FIELD BY A TERRACON ENGINEER USING GPS COORDINATES OBTAINED USING OVERLAY OF SITE PLAN ON GOOGLE EARTH™.
2. THE BORING LOCATION PLAN PREPARED BASED ON PROPOSED DEVELOPMENT LOCATION AND LAY-OUT PROVIDED BY OCONEE COUNTY.

N

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

| | |
|---|---|
| Project Manager: | ND |
| Drawn by: | MM |
| Checked by: | ND |
| Approved by: | ND |
| Project No. | 86175002 |
| Scale: | N.T.S. |
| File Name: | |
| Date: | 02/02/2017 |


Terracon
Consulting Engineers & Scientists
72 Pointe Circle Greenville, South Carolina 29615
PH. (864) 292-2901 FAX. (864) 292-6361


# BORING LOCATION PLAN

## Oconee Industrial & Technology Park

SC-11

Westminster, Oconee County, South Carolina

Exhibit

A-2

# Soil Boring Log

Terracon

**Boring ID:** B-1

| | | | |
|---|---|---|---|
| Client: | | Date: 2-16-17 | |
| Project Number: 86175002 | | Auger/WR Refusal: ✓ NA | |
| Site Location: 1000 [illegible] Innovation | | Boring Diameter: 6 inches | |
| Latitude: 34.69853 | | Depth of Boring: 40 Feet | |
| Longitude: -98.05275 | | Water Level: ____ Feet ✓ No water | |
| Logged By: Nate Hawthorne | | Well Installed: No | |
| Driller: Brett Burnette | | Drill Rig: GP#738 | |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| | Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|---|
| | 0 | | | | 4" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 1 | 2.5 | | 4 4 4 | Fill silty/ Sandy CL Red F-C w/ roots |
| 2 | 3.5 | 5 | | 5 8 9 | Fill Same Sandy ML Red F-C w/ clay |
| 3 | 6 | 7.5 | | 8 11 15 | Residual Same Sandy ML Red F-C |
| 4 | 8.5 | 10 | | 5 7 8 | Residual Silty Sands SC orangish Red white Fine |
| 5 | 13.5 | 15 | | 4 3 3 | Residual silty Sands dark pinkish brown light Red white F |
| 6 | 18.5 | 20 | | 2 3 3 | Residual Silty Sands white/ orangish light Brown F |
| 7 | 23.5 | 25 | | 4 4 4 | Residual silty Sands white/ light orangish brown F |
| 8 | 28.5 | 30 | | 2 2 1 | Residual Silty Sands dark orangish Red Brown/ Black F |
| 9 | 33.5 | 35 | | 17 24 25 | Residual Silty Sands grey/ dark orangish brown Fine w/ mi |
| 10 | 38.5 | 40 | | 7 12 15 | Residual Silty Sands Sandy ML orangish Brown/ black Fine w/ mi |
| | 43.5 | 45 | | | Boring terminated @ 40' No bedrock |

Notes:

# Soil Boring Log

Terracon

Boring ID: B-2

| | | | |
|---|---|---|---|
| Client: | | Date: 2-17-17 | |
| Project Number: | 36125002 | Auger/WR Refusal: | NA |
| Site Location: | Pooler, Georgia | Boring Diameter: | 6 inches |
| Latitude: | 32.0479 36 | Depth of Boring: | 40 Feet |
| Longitude: | -81.05281 | Water Level: | Feet / No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time |
|---|---|---|
| | Grab | |

| Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|
| | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| | Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| | 0 | | | ☐ Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 1 – 2.5 | | 4 4 5 | Fill sandy CL silty Clay Red F-C w/ roots |
| 2 | 3.5 – 5 | | 6 7 11 | Fill Sandy ML Red F-C w/ mica |
| 3 | 6 – 7.5 | | 7 10 14 | Residual Sandy ML Dark silty Sand Red F-C |
| 4 | 8.5 – 10 | | 4 5 9 | Residual silty sand red white orange Fine grain |
| 5 | 13.5 – 15 | | 2 2 2 | Residual silty sands Light brown w white Fine |
| 6 | 18.5 – 20 | | 3 3 3 | Residual silty Sands Brown white Light / Fine Fine |
| 7 | 23.5 – 25 | | 4 4 3 | Residual Silty Sands light brown gray white Fine |
| 8 | 28.5 – 30 | | 2 3 3 | Residual silty sand dark Red Brown brown black Fine |
| 9 | 33.5 – 35 | | 19 17 26 | Residual silty sands gray dark Fine |
| 10 | 38.5 – 40 | | 5 7 13 | Residual silty Sands Brown light orange / white Fine |
| | 43.5 – 45 | | | Boring terminated at 40' No bedrock |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-3

| | | | |
|---|---|---|---|
| Client: | | Date: 2-16-17 | |
| Project Number: | 86175002 | Auger/WR Refusal: | ✓ NA |
| Site Location: | Iowa Innovations | Boring Diameter: | 6 inches |
| Latitude: | | Depth of Boring: | 25 feet |
| Longitude: | | Water Level: | ___ Feet ✓ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | 4 Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 3 4 4 | Fill silty Sands Red F-C |
| 3.5 | 5 | | 4 4 5 | Residual SM Red Fine |
| 6 | 7.5 | | 4 5 5 | Residual silty Sand dark Red |
| 8.5 | 10 | | 4 4 5 | Residual silty Sands dark Red w black Fine |
| 13.5 | 15 | | 10 2 9 | Residual silty Sands Red, Black grey white |
| 18.5 | 20 | | 5 3 3 | Residual silty Sand light Brown, white |
| 23.5 | 25 | | 3 3 4 | Residual silty Sands light Brown white Black |
| 28.5 | 30 | | | Boring terminated at 25'. No Bedrock |
| 33.5 | 35 | | | |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-2

| | | | |
|---|---|---|---|
| Client: | | Date: 2-17-17 | **Drilling Method** |
| Project Number: | 86175002 | Auger/WR Refusal: 28 Feet ___ NA | ☐ Hand Auger |
| Site Location: | 100 Innovation | Boring Diameter: 6 inches | ☐ DPT |
| Latitude: | 34.649849 | Depth of Boring: 35 | X HSA |
| Longitude: | 83.05333 | Water Level: ___ Feet ___ No water | ☐ Mud Rotary |
| Logged By: | Nate Hawthorne | Well Installed: No | ☐ Air Rotary |
| Driller: | Brett Burnette | Drill Rig: GP#738 | ☐ Rock Core |

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | 2 Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 3 4 3 | Fill Silty Sands Red sandy F-C |
| 3.5 | 5 | | 4 5 7 | Fill Same sandy ML Red F-C w/clay |
| 6 | 7.5 | | 8 10 12 | Residual Same sandy ML lightred F-C |
| 8.5 | 10 | | 5 6 6 | Residual Same SM lightred F-M |
| 13.5 | 15 | | 3 4 5 | Residual Silty Sands light Dark Red Fine |
| 18.5 | 20 | | 10 12 22 | Residual Silty Sands Part Brown w/ Black orangish Fine |
| 23.5 | 25 | | 27 4/5" | Residual Silty Sand orangish brown/white grey, white orange Fine |
| 28.5 | 30 | | | Boring refusal at 28 feet due to bedrock. |
| 33.5 | 35 | | | |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-5

| | | | |
|---|---|---|---|
| Client: | | Date: 2-20-17 | **Drilling Method** |
| Project Number: | 86175002 | Auger/WR Refusal: 21 ft | ___ NA |
| Site Location: | 1000 innovation | Boring Diameter: 6 inches | ☐ Hand Auger |
| Latitude: | 34.69755 | Depth of Boring: 25 | ☐ DPT |
| Longitude: | 83.65263 | Water Level: ___ Feet | X HSA |
| Logged By: | Nate Hawthorne | Well Installed: No | ☐ Mud Rotary |
| Driller: | Brett Burnette | Drill Rig: GP#738 | ☐ Air Rotary |
| | | | ☐ Rock Core |

| Depth | Grab/Composite | Time | | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|---|
| | Grab | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | | | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|---|---|
| 0 | | | | | | ___ Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 3 | 4 | 4 | Fill Sandy Silty Sands Red F-C w/ root |
| 3.5 | 5 | | 4 | 6 | 7 | Residual Sandy ML Red F-C w/ muscovite |
| 6 | 7.5 | | 6 | 7 | 7 | Residual Sandy ML lightred F-C w/ musco |
| 8.5 | 10 | | 6 | 6 | 8 | Residual Same Sandy ML lightred F-C w/ musco |
| 13.5 | 15 | | 3 | 4 | 2 | Residual Silty Sands Reddish orange |
| 18.5 | 20 | | 7 | 17 | 35 | Residual Sandy ML Brown Red white |
| 23.5 | 25 | | | | | Boring refusal at 21 feet due to bedrock |
| 28.5 | 30 | | | | | |
| 33.5 | 35 | | | | | |
| 38.5 | 40 | | | | | |
| 43.5 | 45 | | | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-6

| | | | |
|---|---|---|---|
| Client: | | Date: 2-20-17 | **Drilling Method** |
| Project Number: 86175002 | | Auger/WR Refusal: 23 ___ NA | ☐ Hand Auger |
| Site Location: 1000 Mountain | | Boring Diameter: 6 inches | ☐ DPT |
| Latitude: 34.64832 | | Depth of Boring: 35 Feet | X HSA |
| Longitude: 83.05248 | | Water Level: ___ Feet ✓ No water | ☐ Mud Rotary |
| Logged By: Nate Hawthorne | | Well Installed: No | ☐ Air Rotary |
| Driller: Brett Burnette | | Drill Rig: GP#738 | ☐ Rock Core |

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC | **Sample Method** |
|---|---|---|---|---|---|---|
| | Grab | | | | | ☐ Hand Auger |
| | | | | | | ☐ Macro Core |
| | | | | | | X Split Spoon |
| | | | | | | ☐ Shelby Tube |

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | 5 Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 4 4 4 | Fill Silty Sands Red Sandy CL F-C w/ roo |
| 3.5 | 5 | | 5 6 8 | Residual Red Sandy SM Red Fine w/ clay mus |
| 6 | 7.5 | | 8 9 8 | Residual Same SM Red Fine w/ musco |
| 8.5 | 10 | | 5 7 8 | Residual Same Sandy ML Red w/ black F-C w/ musco |
| 13.5 | 15 | | 3 2 3 | Residual Silty Sands Reddish orange Sandy ML F-C w/ black |
| 18.5 | 20 | | 9 18 50/6 | Residual Silty Sand white Black gray light orange brown Fine |
| 23.5 | 25 | | | Auger Refusal at 23' due to bedrock |
| 28.5 | 30 | | | |
| 33.5 | 35 | | | |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

**Terracon**

**Boring ID:** B-7

| | | | |
|---|---|---|---|
| Client: | | Date: | |
| Project Number: | 86175002 | Auger/WR Refusal: | ___ NA |
| Site Location: | 1000 Innovation | Boring Diameter: | 6 inches |
| Latitude: | 34.69997 | Depth of Boring: | 25 |
| Longitude: | -83.05234 | Water Level: | ___ Feet ___ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| | Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|---|
| | 0 | | | | 5 Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 1 | 2.5 | | 4 5 7 | Fill Silty Sand, Red F-C w/ |
| 2 | 3.5 | 5 | | 4 5 7 | Fill Same SM Red Fine w/ Cl |
| 3 | 6 | 7.5 | | 7 10 8 | Residual Same Sandy Red F-C w/ Cla |
| 4 | 8.5 | 10 | | 4 4 5 | Residual Same sandy orangish F-C |
| 5 | 13.5 | 15 | | 4 5 6 | Residual Silty Sand Pink, Red, Black |
| 6 | 18.5 | 20 | | 4 4 4 | Residual Same SM Pink w/ black Fine w/ |
| 7 | 23.5 | 25 | | 4 5 5 | Residual Same SM light pinkish brown Fine w/ mus |
| | 28.5 | 30 | | | Boring terminated at 25'. No bedrock |
| | 33.5 | 35 | | | |
| | 38.5 | 40 | | | |
| | 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-9

| | | | |
|---|---|---|---|
| Client: | | Date: 2-17-17 | |
| Project Number: 81675002 | | Auger/WR Refusal: | NA |
| Site Location: 1000 Innovations | | Boring Diameter: 6 inches | |
| Latitude: 34.69592 | | Depth of Boring: 25 | |
| Longitude: 83.05355 | | Water Level: ____ Feet | No water |
| Logged By: Nate Hawthorne | | Well Installed: No | |
| Driller: Brett Burnette | | Drill Rig: GP#738 | |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | 4 Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 2.5 | | 3 3 3 | Fill sandy silty Sands Red F-C |
| 3.5 5 | | 5 6 8 | Fill Saprolite sandy ML Red F-C w/ clay |
| 6 7.5 | | 10 15 17 | Residual Saprolite sandy ML light red F-C |
| 8.5 10 | | 4 4 5 | Residual Fill silty Sands orangish brown Dark Red w/ black Fine |
| 13.5 15 | | 3 3 8 | Residual silty Sands orangish red Reddish orange Fine |
| 18.5 20 | | 3 50/5 | Residual silty Sands orangish / dark Brown / grey Fine |
| 23.5 25 | | 18 14 46 | Residual Saprolite SM orangish brown / white Fine |
| 28.5 30 | | | Boring terminated at 25'. No bedrock |
| 33.5 35 | | | |
| 38.5 40 | | | |
| 43.5 45 | | | |

Notes:

# Soil Boring Log

Terracon

Boring ID: B-10

| | | | |
|---|---|---|---|
| Client: | | Date: 2-17-12 | Drilling Method: ☐ Hand Auger ☐ DPT X HSA ☐ Mud Rotary ☐ Air Rotary ☐ Rock Core |
| Project Number: | 36175002 | Auger/WR Refusal: | NA |
| Site Location: | Lee Innovation | Boring Diameter: | 6 inches |
| Latitude: | 34.69774 | Depth of Boring: | 20 |
| Longitude: | -83.05405 | Water Level: | ____ Feet ____ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |

Sample Method: ☐ Hand Auger ☐ Macro Core X Split Spoon ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | 5 Topsoil ____ Gravel ____ Asphalt ____ Concrete ____ NA |
| 1 | 2.5 | | 4 5 6 | Residual Fill Silty Sands Red Fine w/ Clay |
| 3.5 | 5 | | 5 7 8 | Residual Same SM light red Fine w/ mus |
| 6 | 7.5 | | 6 9 13 | Residual Same sandy ML light re F-C w/ mu |
| 8.5 | 10 | | 6 6 7 | Residual Silty Sands Red F-C trace |
| 13.5 | 15 | | 5 6 6 | Residual Silty Sand Reddish orange |
| 18.5 | 20 | | 3 3 3 | Residual Silty Sands Pinkish Brown w/ Mus |
| 23.5 | 25 | | 4 4 5 | Residual Silty Sands Reddish orange |
| 28.5 | 30 | | | Boring terminated at 20'. No bedrock |
| 33.5 | 35 | | | |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-12

| | | | |
|---|---|---|---|
| Client: | | Date: | |
| Project Number: | 36175002 | Auger/WR Refusal: | NA |
| Site Location: | 1000 innovation | Boring Diameter: | 6 inches |
| Latitude: | 34.69695 | Depth of Boring: | 10 |
| Longitude: | -83.05232 | Water Level: ____ Feet | No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | ☐ Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | 3 4 6 | Fill Sandy CL Silty/Sandy Red F-C root |
| 3.5 | 5 | 4 5 5 | Residual Saprolite sandy ML orangish red F-C tra mus |
| 6 | 7.5 | 6 7 6 | Residual Saprolite sandy ML Silty Sands Red F-C w/ mus |
| 8.5 | 10 | 5 4 3 | Residual Saprolite SM orangish red w/ black Fine w/ mus |
| | | | Boring terminated at 10'. No Bedrock |
| 13.5 | 15 | | |
| 18.5 | 20 | | |
| 23.5 | 25 | | |
| 28.5 | 30 | | |
| 33.5 | 35 | | |
| 38.5 | 40 | | |
| 43.5 | 45 | | |

Notes:

# Soil Boring Log

Terracon

Boring ID: B-13

| | | | |
|---|---|---|---|
| Client: | | Date: 2-21-17 | |
| Project Number: 36175002 | | Auger/WR Refusal: | NA |
| Site Location: 1000 Innovation | | Boring Diameter: 6 inches | |
| Latitude: 34.69795 | | Depth of Boring: 20 | |
| Longitude: -83.05162 | | Water Level: ____ Feet | No water |
| Logged By: Nate Hawthorne | | Well Installed: No | |
| Driller: Brett Burnette | | Drill Rig: GP#738 | |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density. other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | 9" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 5 5 6 | Fill silty Sands Red |
| 3.5 | 5 | | 5 5 8 | Same |
| 6 | 7.5 | | 7 8 8 | Same |
| 8.5 | 10 | | 5 5 5 | Residual Silty Sands white Black |
| 13.5 | 15 | | 7 8 8 | Residual Silty Sands with Black orange |
| 18.5 | 20 | | 2 3 3 | Residual Silty Sands Brown wh to |
| 23.5 | 25 | | | No Boring terminated at 20'. No bedrock. |
| 28.5 | 30 | | | |
| 33.5 | 35 | | | |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-15

| | | | |
|---|---|---|---|
| Client: | | Date: 2-20-17 | **Drilling Method** |
| Project Number: | 56173002 | Auger/WR Refusal: | ☐ Hand Auger |
| Site Location: | Mocksville | Boring Diameter: 6 inches | ☐ DPT |
| Latitude: | | Depth of Boring: 25 | X HSA |
| Longitude: | | Water Level: ___ Feet ___ No water | ☐ Mud Rotary |
| Logged By: | Nate Hawthorne | Well Installed: No | ☐ Air Rotary |
| Driller: | Brett Burnette | Drill Rig: GP#738 | ☐ Rock Core |

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | ○ Topsoil Gravel Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 5 \| 5 \| 5 | Fill Silty Sandy CL Saints Red F-C w/ |
| 3.5 | 5 | | 4 \| 4 \| 6 | Residual Sandy ML Red F-C w/ mus cov |
| 6 | 7.5 | | 9 \| 9 \| 9 | Residual Sandy ML Tan Silty Sands Red F-C w/ mus |
| 8.5 | 10 | | 4 \| 4 \| 4 | Residual Sandy ML orangish red F-C w/ mus |
| 13.5 | 15 | | 4 \| 3 \| 4 | Residual Sandy ML orangish Silty Sands Brown/Black F-C w/ mus |
| 18.5 | 20 | | 3 \| 3 \| 4 | Residual Silty sands light Brown orangish white Fi w/ mus |
| 23.5 | 25 | | 4 \| 4 \| 4 | Residual Silty sands light Brown orangish Fi w/ mus |
| 28.5 | 30 | | | Boring terminated at 25' No bedrock |
| 33.5 | 35 | | | |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-10

| | | | |
|---|---|---|---|
| Client: | | Date: 2-21-12 | **Drilling Method** |
| Project Number: | 86175002 | Auger/WR Refusal: | ☐ Hand Auger |
| Site Location: | Location | Boring Diameter: 6 inches | ☐ DPT |
| Latitude: | | Depth of Boring: 35 | X HSA |
| Longitude: | | Water Level: ___ Feet ✓ No water | ☐ Mud Rotary |
| Logged By: | Nate Hawthorne | Well Installed: No | ☐ Air Rotary |
| Driller: | Brett Burnette | Drill Rig: GP#738 | ☐ Rock Core |

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | ○ Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 3 3 3 | Fill silty Sands Reddish Brown |
| 3.5 | 5 | | 2 1 1 | Fill silty sands Brown orange |
| 6 | 7.5 | | 2 2 2 | Same |
| 8.5 | 10 | | 2 2 3 | Fill silty sand Light Brown orange |
| 13.5 | 15 | | 2 2 3 | Residual silty Sands Light Brown white |
| 18.5 | 20 | | 2 3 4 | Same |
| 23.5 | 25 | | 4 5 5 | Residual silty sands Brown white Fine grain |
| 28.5 | 30 | | 3 4 5 | |
| 33.5 | 35 | | 4 5 6 | Same |
| 38.5 | 40 | | | Borg terminated at 35'. No bedrock |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

Boring ID: B-19

| | | | |
|---|---|---|---|
| Client: | | Date: | |
| Project Number: | 86175002 | Auger/WR Refusal: | ✓ NA |
| Site Location: | 1000 Innovation | Boring Diameter: | 6 inches |
| Latitude: | | Depth of Boring: | 25 |
| Longitude: | | Water Level: | ____ Feet ✓ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| | Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|---|
| | 0 | | | | ✓ Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 1 | 2.5 | | 5 6 8 | Fill Silty Sands Red F-C w/ roots |
| 2 | 3.5 | 5 | | 4 5 6 | Fill Same SM Red Fine w/ clay |
| 3 | 6 | 7.5 | | 6 7 9 | Residual Same Sandy ML orangish red F-C w/ clay |
| 4 | 8.5 | 10 | | 4 4 5 | Residual Same Sandy ML orangish red F-C |
| 5 | 13.5 | 15 | | 5 6 6 | Residual Silty Sands dark pink w/ white & Black Fine |
| 6 | 18.5 | 20 | | 4 5 5 | Residual Same SM dark pink/orange Fine |
| 7 | 23.5 | 25 | | 4 4 4 | Residual Silty Sands light pinkish Brown/white |
| | 28.5 | 30 | | | Boring terminated at 25'. No Bedrock. |
| | 33.5 | 35 | | | |
| | 38.5 | 40 | | | |
| | 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-20

| | | | |
|---|---|---|---|
| Client: | | Date: 2-21-17 | **Drilling Method** |
| Project Number: | 96175002 | Auger/WR Refusal: ✓ NA | ☐ Hand Auger |
| Site Location: | Innovation | Boring Diameter: 6 inches | ☐ DPT |
| Latitude: | | Depth of Boring: 10 | X HSA |
| Longitude: | | Water Level: ____ Feet ✓ No water | ☐ Mud Rotary |
| Logged By: | Nate Hawthorne | Well Installed: No | ☐ Air Rotary |
| Driller: | Brett Burnette | Drill Rig: GP#738 | ☐ Rock Core |

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | 2" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 – 2.5 | | 9 6 5 | Fill silty sand Red Black |
| 3.5 – 5 | | 13 13 12 | Residual silty sand Red Black |
| 6 – 7.5 | | 4 3 3 | Residual silty Sands Red/Orange Black |
| 8.5 – 10 | | 4 4 6 | Residual silty sand light Brown/pink White |
| 13.5 – 15 | | | Bory terminated at 10', No Bedrock |
| 18.5 – 20 | | | |
| 23.5 – 25 | | | |
| 28.5 – 30 | | | |
| 33.5 – 35 | | | |
| 38.5 – 40 | | | |
| 43.5 – 45 | | | |

Notes:

# Soil Boring Log

Terracon

Boring ID: B-21

| | | | |
|---|---|---|---|
| Client: | | Date: 2-21-17 | |
| Project Number: | 86175002 | Auger/WR Refusal: | NA |
| Site Location: | Invercargill | Boring Diameter: | 6 inches |
| Latitude: | | Depth of Boring: | 10 |
| Longitude: | | Water Level: | ____ Feet ✓ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | 4" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 – 2.5 | | 2 2 2 | Fill silty Sands Dark Red |
| 3.5 – 5 | | 2 4 4 | Fill silty Sands Red |
| 6 – 7.5 | | 4 5 4 | Same |
| 8.5 – 10 | | 3 4 5 | Same |
| 13.5 – 15 | | | Borg terminated at 10' No bedrock |
| 18.5 – 20 | | | |
| 23.5 – 25 | | | |
| 28.5 – 30 | | | |
| 33.5 – 35 | | | |
| 38.5 – 40 | | | |
| 43.5 – 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-22

| | | | |
|---|---|---|---|
| Client: | | Date: 2-12-12 | |
| Project Number: | 81BD002 | Auger/WR Refusal: | NA |
| Site Location: | Pipe Insulation | Boring Diameter: | 6 inches |
| Latitude: | | Depth of Boring: 25 | |
| Longitude: | | Water Level: 15' Feet | No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth | Grab/Composite | Time |
|---|---|---|
| | Grab | |

| Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|
| | | |

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | X Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | 4 4 4 | Fill Silty Sands Brown F-C |
| 3.5 | 5 | 9 12 9 | Fill Silty Sands Red F-C w/ clay |
| 6 | 7.5 | 9 18 19 | Residual Silty Sands Reddish orange F-C w/ |
| 8.5 | 10 | 10 15 4 | Residual Silty Sands Reddish orange F-C w/ Black |
| 13.5 | 15 | 3 3 2 | Same Residual sandy ML Red light orange F-C w/ |
| 18.5 | 20 | 3 2 2 | Residual Silty sands orange red F-M |
| 23.5 | 25 | 4 4 5 | Residual SM orange w/ black F-M |
| 28.5 | 30 | | Boring terminated at 25' No bedrock |
| 33.5 | 35 | | |
| 38.5 | 40 | | |
| 43.5 | 45 | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-23

| | | | |
|---|---|---|---|
| Client: | | Date: 2-20-17 | |
| Project Number: 3617502 | | Auger/WR Refusal: | NA |
| Site Location: Hinesville | | Boring Diameter: | 6 inches |
| Latitude: | | Depth of Boring: 5 | |
| Longitude: | | Water Level: ____ Feet | No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | 3" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 2.5 | | 5 6 7 | Fill 5. Sandy ML dark Reddish brown F-C w/ Cl |
| 3.5 5 | | 5 7 7 | Fill Sandy ML Red F-C w/ Cl |
| 6 7.5 | | | |
| 8.5 10 | | | Boring terminated at 5'. No bedrock |
| 13.5 15 | | | |
| 18.5 20 | | | |
| 23.5 25 | | | |
| 28.5 30 | | | |
| 33.5 35 | | | |
| 38.5 40 | | | |
| 43.5 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-24

| | | | |
|---|---|---|---|
| Client: | | Date: | |
| Project Number: | 8617500 2 | Auger/WR Refusal: | NA |
| Site Location: | 1000 Innovation Way | Boring Diameter: | 6 inches |
| Latitude: | 34.69357 | Depth of Boring: | 5 |
| Longitude: | 83.05409 | Water Level: | ____ Feet No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | 3" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 – 2.5 | | 4 4 4 | Fill Sandy CL dark red Hydrocarbon Odor F-C w/ roots |
| 3.5 – 5 | | 5 7 9 | Fill Silty Sands Red/brown/orange Fine w/ rock fragments |
| 6 – 7.5 | | | |
| 8.5 – 10 | | | Boring terminated at 5'. No bedrock |
| 13.5 – 15 | | | |
| 18.5 – 20 | | | |
| 23.5 – 25 | | | |
| 28.5 – 30 | | | |
| 33.5 – 35 | | | |
| 38.5 – 40 | | | |
| 43.5 – 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-25

| | | | |
|---|---|---|---|
| Client: | | Date: | |
| Project Number: | 86175002 | Auger/WR Refusal: | ✓ NA |
| Site Location: | 1000 Innovation Way | Boring Diameter: | 6 inches |
| Latitude: | 34.64691 | Depth of Boring: | 5 |
| Longitude: | 83.05143 | Water Level: | ____ Feet ✓ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time |
|---|---|---|
| | Grab | |

| Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|
| | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | 2 Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 4 4 9 | Fill Silty Sand Red Sand |
| 3.5 | 5 | | 5 7 10 | |
| 6 | 7.5 | | | |
| 8.5 | 10 | | | Borg terminated at 5'. No bedrock |
| 13.5 | 15 | | | |
| 18.5 | 20 | | | |
| 23.5 | 25 | | | |
| 28.5 | 30 | | | |
| 33.5 | 35 | | | |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-27

| | | | |
|---|---|---|---|
| Client: | | Date: 7-[illegible]-17 | |
| Project Number: | 86175002 | Auger/WR Refusal: | NA |
| Site Location: | 1000 Innovation Way | Boring Diameter: | 6 inches |
| Latitude: | 39.69964 | Depth of Boring: | 25 |
| Longitude: | 23.05499 | Water Level: ____ Feet | No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | 7 | 1' Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | 4 | Residual Sandy Silty Sand Red F-C w/ clay |
| 3.5 | 5 | 5/6 | Residual Silty Sand Red w/ white F-C |
| 6 | 7.5 | 5/6/6 | Residual Silty Sand Orange w/ white F-C |
| 8.5 | 10 | 35/8/5 | Residual Rock Fine SM w/ white F-M |
| 13.5 | 15 | 1/2/2 | Residual Silty Sand Reddish orange |
| 18.5 | 20 | 3/5/6 | Residual Silty Sand Brown/tan/white |
| 23.5 | 25 | 9/4/5 | Residual Silty Sand Brown/light Red |
| 28.5 | 30 | | Boring terminated at 25'. No bedrock |
| 33.5 | 35 | | |
| 38.5 | 40 | | |
| 43.5 | 45 | | |

Notes:

# Soil Boring Log

**Boring ID:** B-28

Terracon

| | | | |
|---|---|---|---|
| Client: | | Date: | |
| Project Number: | 8617500Z | Auger/WR Refusal: | ✓ NA |
| Site Location: | 100 Innovation Way | Boring Diameter: | 6 inches |
| Latitude: | 34.69682 | Depth of Boring: | 10 |
| Longitude: | 83.05525 | Water Level: | ✓ Feet ✓ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | 4" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 4 4 4 | 1 Fill Sandy CL Sl. Sands Dark Red F-C |
| 3.5 | 5 | | 4 5 5 | 2 Fill Sandy CL Red F-C |
| 6 | 7.5 | | 3 5 17 | 3 Residual Sandy CL Sl. Mg Sands Red/White F- |
| 8.5 | 10 | | 5 6 5 | 4 Residual Sandy CL Sl. Mg Sands Red Fine w/ Cl |
| 13.5 | 15 | | | Boring terminated at 10'. No Bedrock |
| 18.5 | 20 | | | |
| 23.5 | 25 | | | |
| 28.5 | 30 | | | |
| 33.5 | 35 | | | |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-29

| | | | |
|---|---|---|---|
| Client: | | Date: 2-20-17 | |
| Project Number: 86175002 | | Auger/WR Refusal: | NA |
| Site Location: 000 Innovation Way | | Boring Diameter: | 6 inches |
| Latitude: 34.68836 | | Depth of Boring: | ~~25~~ 30' |
| Longitude: 83.05603 | | Water Level: ____ Feet | ___ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|---|
| 0 | | | | 0 Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | | 4 \| 2 \| 3 | Fill Silty Sands Reddish brown Fine w/ cl |
| 3.5 | 5 | | 3 \| 3 \| 4 | Fill SM Reddish brown Fine w/ cl<br>Same |
| 6 | 7.5 | | 3 \| 4 \| 5 | Residual Fill Silty Sands Reddish Brown Fine w/ |
| 8.5 | 10 | | 2 \| 3 \| 4 | Residual Sandy ML Red F-C w/ cla<br>Same |
| 13.5 | 15 | | WOH \| WOH \| 1 | Residual Sandy ML orange<br>Fill Silty Sands Red/Brown F-C w/ cl |
| 18.5 | 20 | | 2 \| 2 \| 4 | Residual Sandy ML orangish<br>Silty Sands Brown/white F-C |
| 23.5 | 25 | | 2 \| 3 \| 4 | Residual SM orange/white Fine<br>Same |
| 28.5 | 30 | | 4 \| 4 \| 6 | Residual SM orangish brown/white Fine<br>Same |
| 33.5 | 35 | | | Borng terminated at 30'. No bedrock. |
| 38.5 | 40 | | | |
| 43.5 | 45 | | | |

Notes:

# Soil Boring Log

Terracon

Boring ID: B-30

| | | | |
|---|---|---|---|
| Client: | | Date: 2-20-17 | Drilling Method: ☐ Hand Auger ☐ DPT X HSA ☐ Mud Rotary ☐ Air Rotary ☐ Rock Core |
| Project Number: 86175002 | | Auger/WR Refusal: | NA |
| Site Location: 1000 Innovation Way | | Boring Diameter: | 6 inches |
| Latitude: 34.70118 | | Depth of Boring: | 20' |
| Longitude: 83.05714 | | Water Level: | Feet No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Sample Method: ☐ Hand Auger ☐ Macro Core X Split Spoon ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | 2" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 – 2.5 | | 5 7 10 | Fill silty sands Red Fine w/ muscov |
| 3.5 – 5 | | 5 6 7 | Residual Fill silty sands orangish red Fine w/ mus |
| 6 – 7.5 | | 6 7 9 | Residual Sandy ML lightred F-C w/ musc |
| 8.5 – 10 | | 4 4 5 | Sandy ML Residual silty sands Reddish orange F |
| 13.5 – 15 | | 3 4 3 | Sandy ML Residual silty sands Reddish orange w/ black w/ mus |
| 18.5 – 20 | | 5 5 9 | Residual silty sands Brown/Pink Black w/ white Fine w/ mus |
| 23.5 – 25 | | | Boring terminated at 20'. No bedrock |
| 28.5 – 30 | | | |
| 33.5 – 35 | | | |
| 38.5 – 40 | | | |
| 43.5 – 45 | | | |

Notes:

# Soil Boring Log

Terracon

**Boring ID:** B-32

| | | | |
|---|---|---|---|
| Client: | | Date: | |
| Project Number: | 86175002 | Auger/WR Refusal: | ✓ NA |
| Site Location: | 1100 Innovation Way | Boring Diameter: | 6 inches |
| Latitude: | 34.70155 | Depth of Boring: | 5 |
| Longitude: | -83.05524 | Water Level: | ____ Feet ✓ No water |
| Logged By: | Nate Hawthorne | Well Installed: | No |
| Driller: | Brett Burnette | Drill Rig: | GP#738 |

**Drilling Method**
- ☐ Hand Auger
- ☐ DPT
- X HSA
- ☐ Mud Rotary
- ☐ Air Rotary
- ☐ Rock Core

| Depth | Grab/Composite | Time | Date | Time | DTW: ft BLS / ft bTOC |
|---|---|---|---|---|---|
| | Grab | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Sample Method**
- ☐ Hand Auger
- ☐ Macro Core
- X Split Spoon
- ☐ Shelby Tube

| Depth (ft) | Recovery (inches) | Blows per 6" | MINOR MAJOR GRAIN SIZE COMPONENTS (USCS CLASSIFICATION), sand size, color, moisture, density, other components, structure, angularity, odor, geologic unit |
|---|---|---|---|
| 0 | | | 6" Topsoil ___ Gravel ___ Asphalt ___ Concrete ___ NA |
| 1 | 2.5 | 2 3 4 | FILL Sandy ML Silty Sands, dark Red F-C w/ Clay |
| 3.5 | 5 | 4 5 7 | FILL Sandy ML Silty Sands, Red F-C |
| 6 | 7.5 | | |
| 8.5 | 10 | | Boring terminated at 5'. No bedrock |
| 13.5 | 15 | | |
| 18.5 | 20 | | |
| 23.5 | 25 | | |
| 28.5 | 30 | | |
| 33.5 | 35 | | |
| 38.5 | 40 | | |
| 43.5 | 45 | | |

Notes:

| Company | Name | Address | Phone | Mobile | Email |
|---|---|---|---|---|---|
| Baker's Construction Services | Emily Chapman | P O Box 417 Piney Flats, TN 37686 | 423-538-4400 | | emilybcs@earthlink.net |
| Blair Construction | Dale Moody | 4308 Evans to Locks Road Evans, GA 30809 | 706-868-1950 x206 | | dale@blairconstruction.us |
| BMCO Construction | Riley Tilley, Tonya Beal | P O Box 1361 Lumberton, NC 28359 | 910-738-6693 | | riley.tilley@bmcoconstruction.com; tonya@bmcoconstruction.com |
| Clary Hood Inc. | Andy Painter, Justin Pearson | 150 Conway Black Road Spartanburg, SC 29307 | 864-579-8881 | | Andy@claryhood.com; justin@claryhood.com |
| Graham County Land Co. | Storm Jordan | 750 Tallulah Road Robbinsville, NC 28771 | 828-479-3581 | | storm@gclnc.com |
| Ledford & Parker | Cameron Bethel | 2053 Hwy 64E Hayesville, NC 28904 | 828-389-3900 | | ledfordandparkerjl@gmail.com; cbethel@brmemc.net |
| Loftis Corp | F. M. Freeland, Ed Loftis | 654 St. Mark Road Taylors, SC 29689 | 864-292-9088 | 864-616-5392 | fmfreeland@loftiscorp.com; ealoftis@loftiscorp.com |
| Martin Bros. Const. Co. Inc. | Bill Mimms | 5497 S. Frontage Rd. PO Box 5497 Gray Court, SC 29645 | 864-876-2634 | | Bmimms@mbccinc.com; twood@mbccinc.com |
| Morgan Corp. | Bob Mina, Steve Teaster, Bill Heape | 1800 E. Main Street Duncan, SC 29334 | 864-433-8800 | | bmina@morgan-corp.com; steaster@morgan-corp.com; bheape@morgan-corp.com |
| Plateau Excavation | Joe Davis | 375 Lee Industrial Blvd. Austell, GA 30168 | 864-506-6788 | | jdavis@plateauexcavation.com |
| Richardson Construction | Lauren Richardson Pittard Donnette Moak | 6806 Monticello Road Columbia, SC 29230 | 803-786-9741 | 843-442-8363 | estimator@richdirt.com; lpittard@richdirt.com; dmoak@richdirt.com |
| Simpson's Trucking & Grading | David Hammond | 1364 Candler Road Gainesville, GA 30507 | 770-536-4731 | 678-858-9769 | dhammond@simpsontrucking.com |
| Thrift Brothers Inc. | Mike Cox | PO Box 1293 Seneca, SC 29679 | 864-882-3931 | | mike@thriftbrothers.com |
| Thrift Development Corp. | Gary Thrift, Ryan Miller | P O Box 2125 Seneca, SC 29679 | 864-882-4582 | | gthrift@thriftdev.com; rmiller@thriftdev.com |
| Thunder Contracting | Alex Keith | 18001 Great Smokey Mtn Expway, Waynesville, NC | 828-734-8097 | | akeith@thunderdisaster.com |
| Vecellio & Grogan, Inc. | Allison Michael | P O Box 2438 Beckley, WV 25802 | 304-252-6575 | | allison.michael@vecellioGrogan.com |
| J. C. Wilkie | John Brock | 349 Buck Corley Court Lexington, SC 29073 | 803-530-2789 | | jbrock4@gmail.com |
| The Blue Book - Contractor's Register, Inc. | Erin McVeigh | P O Box 500 Jefferson Valley, NY 10535 | 800-431-2584 | | emcveigh@thebluebook.com |
| Contractors Market Data Group, LLC | Morgan O'Banion | 30 Technology Pkwy South, Suite 100, Norcross, GA 30092 | 800-364-2059 | | mobanion@isqft.com |
| Upstate Grading & Engineering, Inc. | Carter Davis | 114 Amber Drive, Inman, Sc 29349 | 864-503-0957 | | c.davis@unitedforestinc.com |