Test Location Sketch

B&C BBB Parking Complex
Conway, South Carolina
### LEGEND TO SOIL CLASSIFICATION AND SYMBOLS

#### SOIL TYPES
(Shown in Graphic Log)

- Fill
- Asphalt
- Concrete
- Topsoil
- Gravel
- Sand
- Silt
- Clay
- Organic
- Silty Sand
- Clayey Sand
- Sandy Silt
- Clayey Silt
- Sandy Clay
- Silty Clay
- Partially Weathered Rock
- Cored Rock

#### WATER LEVELS
(Shown in Water Level Column)

- ▼ = Water Level At Termination of Boring
- ▼▼ = Water Level Taken After 24 Hours
- ▼▼▼ = Loss of Drilling Water
- HC = Hole Cave

#### CONSISTENCY OF COHESIVE SOILS

<table>
<thead>
<tr>
<th>CONSISTENCY</th>
<th>STD. PENETRATION RESISTANCE BLOWS/FOOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very Soft</td>
<td>0 to 2</td>
</tr>
<tr>
<td>Soft</td>
<td>3 to 4</td>
</tr>
<tr>
<td>Firm</td>
<td>5 to 8</td>
</tr>
<tr>
<td>Stiff</td>
<td>9 to 15</td>
</tr>
<tr>
<td>Very Stiff</td>
<td>16 to 30</td>
</tr>
<tr>
<td>Hard</td>
<td>31 to 50</td>
</tr>
<tr>
<td>Very Hard</td>
<td>Over 50</td>
</tr>
</tbody>
</table>

#### RELATIVE DENSITY OF COHESIONLESS SOILS

<table>
<thead>
<tr>
<th>RELATIVE DENSITY</th>
<th>STD. PENETRATION RESISTANCE BLOWS/FOOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very Loose</td>
<td>0 to 4</td>
</tr>
<tr>
<td>Loose</td>
<td>5 to 10</td>
</tr>
<tr>
<td>Medium Dense</td>
<td>11 to 30</td>
</tr>
<tr>
<td>Dense</td>
<td>31 to 50</td>
</tr>
<tr>
<td>Very Dense</td>
<td>Over 50</td>
</tr>
</tbody>
</table>

#### SAMPLER TYPES
(Shown in Samples Column)

- Shelby Tube
- Split Spoon
- Rock Core
- No Recovery

#### TERMS

**Standard Penetration Resistance** - The Number of Blows of 140 lb. Hammer Falling 30 in. Required to Drive 1.4 in. I.D. Split Spoon Sampler 1 Foot. As Specified in ASTM D-1586.

**REC** - Total Length of Rock Recovered in the Core Barrel Divided by the Total Length of the Core Run Times 100%.

**RQD** - Total Length of Sound Rock Segments Recovered that are Longer Than or Equal to 4" (mechanical breaks excluded) Divided by the Total Length of the Core Run Times 100%.

---

- Fill
- Asphalt
- Concrete
- Topsoil
- Gravel
- Sand
- Silt
- Clay
- Organic
- Silty Sand
- Clayey Sand
- Sandy Silt
- Clayey Silt
- Sandy Clay
- Silty Clay
- Partially Weathered Rock
- Cored Rock
CONTAMINATED COQUINA - Approximately 5 inches of coquina mixed with topsoil.

POORLY GRADED SAND (SP) - Mostly fine to medium sand, gray, moist to saturated, medium dense.

SILTY SAND (SM) - Mostly fine to medium sand, some non-plastic fines, dark brown, saturated, medium dense.

- - - - Roots observed from 2 to 2.5 feet in depth.

Boring terminated at 3.5 ft
**HAND AUGER BORING LOG: HA-2**

**PROJECT:**  
B&C BBB Parking Complex  
Conway, South Carolina  
23630225

**DATE STARTED:** 12/8/23  
**DATE FINISHED:** 12/8/23  
**NOTES:**  
Elevation Unknown

**SAMPLING METHOD:** Hand Auger  
**PERFORMED BY:** Josh Jordan

**WATER LEVEL:** 3' ATD

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>MATERIAL DESCRIPTION</th>
<th>ELEVATION (feet)</th>
<th>WATER LEVEL</th>
<th>DYNAMIC CONE PENETRATION RESISTANCE (blows/1.75 in.)</th>
<th>DCP VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CONTAMINATED COQUINA - Approximately 3 inches of coquina mixed with topsoil.</td>
<td>-1.00</td>
<td>-</td>
<td></td>
<td>20+</td>
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<tr>
<td></td>
<td>COQUINA - Approximately 9 inches of uncontaminated coquina.</td>
<td>-2.00</td>
<td>-</td>
<td></td>
<td>20+</td>
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<tr>
<td></td>
<td>POORLY GRADED SAND (SP) - Mostly fine to medium sand, tan, gray and dark brown, moist to saturated, medium dense.</td>
<td>-3.00</td>
<td>-</td>
<td></td>
<td>20+</td>
</tr>
<tr>
<td>4</td>
<td>Boring terminated at 4 ft</td>
<td>-4.00</td>
<td>-</td>
<td></td>
<td>20+</td>
</tr>
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</table>

DCP INDEX IS THE DEPTH (IN.) OF PENETRATION PER BLOW OF A 10.1 LB HAMMER FALLING 22.6 IN., DRIVING A 0.79 IN. O.D. 60 DEGREE CONE.
<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>GRAPHIC LOG</th>
<th>MATERIAL DESCRIPTION</th>
<th>ELEVATION (feet)</th>
<th>WATER LEVEL</th>
<th>DYNAMIC CONE PENETRATION RESISTANCE (blows/1.75 in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>CONTAMINATED COQUINA - Approximately 8 inches of coquina mixed with topsoil.</td>
<td>-1.00</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SILTY SAND (SM) - Mostly fine to medium sand, some non-plastic fines, dark brown, moist, medium dense.</td>
<td>20+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- - - Refusal at 1.5 feet in depth on possible buried root.
Boring terminated at 1.5 ft
CONTAMINATED COQUINA - Approximately 4 inches of coquina mixed with topsoil.

POORLY GRADED SAND (SP) - Mostly fine to medium sand, gray to dark brown, moist to wet, medium dense.

--- Refusal at 3 feet in depth on possible buried root. Boring terminated at 3 ft

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<tr>
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<th>Material Description</th>
<th>Elevation (feet)</th>
<th>Water Level</th>
<th>DCP Value</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>CONTAMINATED COQUINA - Approximately 4 inches of coquina mixed with topsoil.</td>
<td>-1.00</td>
<td>-</td>
<td>20+</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>POORLY GRADED SAND (SP) - Mostly fine to medium sand, gray to dark brown, moist to wet, medium dense.</td>
<td>-2.00</td>
<td>-</td>
<td>20+</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>- Refusal at 3 feet in depth on possible buried root. Boring terminated at 3 ft</td>
<td>-3.00</td>
<td>-</td>
<td>20+</td>
</tr>
</tbody>
</table>

DCP INDEX IS THE DEPTH (IN.) OF PENETRATION PER BLOW OF A 10.1 LB HAMMER FALLING 22.6 IN., DRIVING A 0.79 IN. O.D. 60 DEGREE CONE.