## Exploratory Boring Log

**Date Drilled:** 11/30/16  
**Logged By:** XX  
**Location:** Center of fenced field

**Drilling Equipment:** Marl M5 Hollow Stem Auger  
**Boring Hole Diameter:** 8"  
**Drive Weights:** 140 lbs.  
**Drop:** 30°

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Samples</th>
<th>Material Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>S</strong></td>
<td>4-6&quot; Loose wood mulch and soil mix</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very old paralic deposits (Qvop): Red brown clayey sandstone, with fine gravel</td>
</tr>
<tr>
<td>5</td>
<td><strong>R</strong></td>
<td>Sample taken by Stantec for environmental testing, increase in moisture, increase in clay, gray in color</td>
</tr>
<tr>
<td>10</td>
<td><strong>R</strong></td>
<td>Stadium Conglomerate (Tst): Yellowish brown silty fine sandstone, with fine to coarse gravel, and cobbles</td>
</tr>
<tr>
<td>15</td>
<td><strong>S</strong></td>
<td>Slight increase in moisture</td>
</tr>
<tr>
<td>20</td>
<td><strong>S</strong></td>
<td>Hard drilling due to cobbles</td>
</tr>
<tr>
<td>25</td>
<td><strong>S</strong></td>
<td>Friars formation (Tf): Light gray silty fine sandstone, slightly micaeous, slightly moist</td>
</tr>
</tbody>
</table>

**Sheet 1 of 2**

**Sample Types:**
- **R** - Ring Sample  
- **T** - Tube Sample  
- **S** - SPT Sample  
- **S** - Bulk Sample  
- **Nd** - No Recovery  
- **→** - Groundwater  
- **→** - End of Boring
**Explanatory Boring Log**

**Boring No. B-4**

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Samples</th>
<th>Blows (blows/ft)</th>
<th>Bulk Sample</th>
<th>Moisture Content (%)</th>
<th>Dry Density (pcf)</th>
<th>USCS</th>
<th>Graphic Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>35</td>
<td>S</td>
<td>13</td>
<td></td>
<td>16.1</td>
<td>--</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>57</td>
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<tr>
<td>40</td>
<td>S</td>
<td>64</td>
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<td>14.6</td>
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<tr>
<td>45</td>
<td>S</td>
<td>73</td>
<td></td>
<td>15.6</td>
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</tr>
<tr>
<td>S</td>
<td>75/6&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>50</td>
<td>S</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>55</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**Material Description**

- This log contains factual information and interpretation of the subsurface conditions between the samples. The stratum indicated on this log represents the approximate boundary between earth units and the transition may be gradual. The log shows subsurface conditions at the date and location indicated, and may not be representative of subsurface conditions at other locations and times.

**Sample Types:**
- R - Ring Sample
- S - SPT Sample
- T - Tube Sample
- B - Bulk Sample
- N - No Recovery
- G - Groundwater
- E - End of Boring

**Date Drilled:** 11/30/16  
**Logged By:** XX  
**Location:** Center of fenced field  
**Drilling Equipment:** Marl M5 Hollow Stem Auger  
**Boring Hole Diameter:** 8"  
**Drive Weights:** 140 lbs.  
**Drop:** 30°  
**Total depth:** 51'
**Groundwater encountered at 48'**
**After 20 minutes at 45°2"**
**Hole grouted with bentonite**

- Light gray continues, with yellowish staining
- Hard drilling, water encountered
- Total depth 51'
- Groundwater encountered at 48'
- After 20 minutes at 45°2"
- Hole grouted with bentonite