### Project Name
Ground Failure and Building Performance in Adapazari, Turkey

### Location
Site C - Bölük Street, Istiklal District, Adapazari

### GPS Coordinates
40.78370°N 30.39221°E

### Elevation
-2 cm with respect to CPT-C4

### Test ID
SPT-C3

### Drilling Method
Rotary wash with 9 cm-diameter tricone bit

### Drilling Equipment
Custom made, equivalent to Crealius XC90H

### Responsible Engineers
J. D. Bray and R. B. Sancio, U. C. Berkeley

### SPT System
Rope, pulley and cathead method. AWJ rods. Safety Hammer (per Kovacs et al. 1983)

### Field Log by
Rodolfo B. Sancio

### Date
June 27, 2000

### Notes
Solid flight auger to a depth of 1.5 m

<table>
<thead>
<tr>
<th>Depth Scale (m)</th>
<th>Lithology</th>
<th>Sample Type and No.</th>
<th>Recovery/ Length (cm)</th>
<th>SPT Blows/15 cm</th>
<th>Casing Depth (m)</th>
<th>Rod Length (m)</th>
<th>Energy Ratio (%)</th>
<th>Description</th>
<th>% fines &lt; 75 µm</th>
<th>Energy Ratio (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td>SH-C3-1</td>
<td>42/42</td>
<td>-</td>
<td>2.8</td>
<td>-</td>
<td>-</td>
<td>Fill: The boring was drilled through a thin concrete slab on grade under which lies a gray silty sandy fill</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>SM</td>
<td>S-C3-2</td>
<td>38/45</td>
<td>3-3-4</td>
<td>3.75</td>
<td>7.32</td>
<td>67</td>
<td>SILT: Brown silt to clayey silt with traces of fine sand interspersed with strata of brown silty sand to sandy silt</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>CL/ML</td>
<td>S-C3-3</td>
<td>43/45</td>
<td>2-2-1</td>
<td>4.55</td>
<td>8.84</td>
<td>66</td>
<td>Traces of shells in sample S-C3-3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>SM</td>
<td>S-C3-4A</td>
<td>38/45</td>
<td>3-10-8</td>
<td>5.45</td>
<td>8.84</td>
<td>66</td>
<td>Traces of shells in sample S-C3-3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>CL/ML</td>
<td>S-C3-4B</td>
<td>38/45</td>
<td>3-10-8</td>
<td>5.45</td>
<td>8.84</td>
<td>66</td>
<td>Traces of shells in sample S-C3-3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>ML</td>
<td>S-C3-5</td>
<td>36/45</td>
<td>3-4-7</td>
<td>6.65</td>
<td>10.37</td>
<td>62</td>
<td>Silty CLAY: Gray silty clay to clayey silt with some fine sand</td>
<td>31</td>
<td>31</td>
</tr>
<tr>
<td>8</td>
<td>CH/MH</td>
<td>S-C3-6</td>
<td>35/45</td>
<td>1-3-2</td>
<td>7.65</td>
<td>10.37</td>
<td>62</td>
<td>Traces of wood fragments in sample S-C3-5</td>
<td>31</td>
<td>31</td>
</tr>
<tr>
<td>10</td>
<td>ML</td>
<td>S-C3-7</td>
<td>45/45</td>
<td>2-7-14</td>
<td>9.75</td>
<td>13.42</td>
<td>65</td>
<td>0.18</td>
<td>0.09</td>
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</tr>
</tbody>
</table>

**Remarks**
- An attempt to obtain a Shelby tube sample at 1.5 m failed