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

## Location:
Site G - Hasircilar Street, Yenigün District, Adapazari

## GPS Coordinates:
40.77450°N 30.40896°E

## Date:
July 5, 2000

## Field Log by:
Rodolfo B. Sancio

## Operator:
ZETAS (Zemin Teknolojisi, A. S.)

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

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

## Water Table Elevation:
GWL = 0.67 m 07/08/00, 0.41 m 08/04

## Notes:
Solid flight auger was used to a depth of 1 m

### Notes:
- Solid flight auger was used to a depth of 1 m
- Hammer Type: Safety Hammer (per Kovacs et al. 1983)

## Test ID:
SPT-G1

## Elevation:
-7 cm with respect to CPT-G1

## SPT System:
Rope, pulley and cathead method. AWJ rods.

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

## Sponsorship:
- NSF, Caltrans
- CEC, PG&E

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<table>
<thead>
<tr>
<th>Depth Scale (m)</th>
<th>USCS</th>
<th>Sample Type and No.</th>
<th>Recovery Length (cm)</th>
<th>SPT Blows/15 cm</th>
<th>Energy Ratio (%)</th>
<th>Description</th>
<th>S°</th>
<th>S°</th>
<th>% &lt; 75 µm</th>
<th>% &lt; 2 µm</th>
<th>D10 (mm)</th>
<th>D50 (mm)</th>
<th>D10 (mm)</th>
<th>D50 (mm)</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>0</td>
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<td>Fill: 20 cm of topsoil followed by a dark brown to black clayey silt with sand</td>
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<td>Roots were found in sample S-G1-1</td>
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<tr>
<td>1</td>
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<td>CLAYEY SILT: Interbedded strata of olive brown to brown clayey silt with traces of fine sand and brown sandy silt</td>
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<td></td>
<td></td>
<td>50</td>
<td>35</td>
<td>41</td>
<td>16</td>
<td>97</td>
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<td>2</td>
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<td>CLAY: High plasticity gray silty clay</td>
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<td></td>
<td>SILT AND SAND: Gray silt and sandy silt to silty sand. FC varies from 22% to 90%. 4 mm red silty clay to clayey silt</td>
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<td></td>
<td></td>
<td>120</td>
<td>30</td>
<td>48</td>
<td>25</td>
<td>84</td>
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<td>4</td>
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<td>MH: High plasticity gray clayey silt. Softens when remoulded. Red oxidized 5 mm-thick seam at approx. 9.2 m</td>
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<td></td>
<td></td>
<td>150</td>
<td>34</td>
<td>36</td>
<td>58</td>
<td>22</td>
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<td>5</td>
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<td></td>
<td>MH/CH: High plasticity gray clayey silt. Softens when remoulded. Red oxidized 5 mm-thick seam at approx. 9.2 m</td>
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<td>24</td>
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</tbody>
</table>

**Legend**
- S: Spit Spoon (SPT)
- SH: Shelby tube