UCB-BYU-UCLA ZETAS-SaU-METU

Joint Research

CEC, PG&E

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

sand

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

Date: July 27, 2000

Field Log by: Rodolfo B. Sancio

Sponsored by: **NSF, Caltrans**

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

Drilling Method: Rotary wash with 9 cm-diameter tricone bit **Water Table Elevation:** GWL = 0.96 m 08/03/00

Notes:

Test ID: SPT-C6

GPS Coordinates: 40.78370°N 30.39221°E

Elevation: -16 cm with respect to CPT-C4

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.

Hammer Type: Safety Hammer (per Kovacs et al. 1983)

Depth Scale (m)	Lithology	NSCS	Sample Type and No.	Recovery/ Length (cm)	SPT Blows/15 cm	Casing Depth (m)	Rod Length (m)	Energy Ratio (%)	Description	qu Pocket Pen (kPa)	Su Torvane (kPa)	Moisture Content (%)	Liquid Limit	Plasticity Index	% fines < 75 µm	< 5 µm (%)	< 2 µm (%)	D50 (mm)	D10 (mm)	Remarks
F ⁰									Fill: Top soil and brown clayey fill in east yard of building C2											
- 1 - -		ML	S-C6-1	28/45	1-1-1	0.95	4.27	48	ML: Brown silt to silt with sand w/ red oxidized zones	60		13	40	-	94	30	25	0.014	<2µm	
-2		ML	S-C6-2	41/45	1-0-1	1.50	5.80	53		60		36	31	-	87	28	20	0.015	<2µm	
-3	 	CH SM	S-C6-3A S-C6-3B	35/45	2-4-6	1.50	7.32	65	CH: Brown high plasticity silty clay.	70	47	45 32	56 36	33	99 45	57 <15%	44 <10%	0.003 0.08	<2µm 0.01	
, -						•	•		SILTY SAND: Brown silty			•		•						

Legend