UCB-BYU-UCLA ZETAS-SaU-METU Project Name: Ground Failure and Building Performance in Adapazari, Turkey

Location: Site E - Kavaklar Ave., Tigcilar District, Adapazari

Date: July 26, 2000

Field Log by: Rodolfo B. Sancio

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

NSF, Caltrans CEC, PG&E

Joint Research

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

Water Table Elevation: GWL = 0.35 m 08/04/00

Notes:

Test ID: SPT-E2

GPS Coordinates: 40.77778°N 30.40518°E

Elevation: -0 cm with respect to CPT-E1

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)

Notes:																				
Depth Scale (m)	Lithology	USCS	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
-0 - -1									Fill: Bricks from the foundation of the collapsed building. Maybe a septic tank as evidenced by the dark color of the wash water.	/										
-2		SP-SM	S-E2-1	33/45	4-5-7	1.55	4.13	55	SP: Poorly graded fine to medium brown sand. FC <= 5%			24	-	-	5	-	-	0.28	0.1	
F	 	SP ML	S-E2-2A S-E2-2B	40/45	3-2-1	2.3	4.13	52	ML: Brown silt to sandy silt	60		13 35	- 31	-	2 94	- 22	- 17	0.56 0.018	0.18 <2μm	
-3 -		ML	S-E2-3	40/45	3-3-3	3.05	5.65	64	with red oxidized points	110		34	20	-	59	14	11	0.053	0.001	
- 4		CH	S-E2-4A S-E2-4B	37/45	2-1-2	3.95	7.17	62	CLAY: Gray silty clay			52 39	62 44	34 21	99 99	70 58	51 48	0.002 0.003	<2µm <2µm	
- - - - - - - - - - - - - - - - - - -		CL ML SM/ML	S-E2-5A S-E2-5B S-E2-5C	40/45	5-6-11	5.35	8.70	67	SILT AND SAND: Gray silt with sand to sandy silt/silty sand	80 120		36 31 27	43 34 22	22 - -	98 89 49	58 33 18	45 26 15	0.003 0.01 0.075	<2µm <2µm <2µm	