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

Location: Site D - Meydan Street, Çukurahmediye District, Adapazari

Date: June 28, 2000

Field Log by: Rodolfo B. Sancio

Sponsored by:

NSF, Caltrans CEC, PG&E

Joint Research

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

Drilling Method: Rotary wash with 9 cm-diameter tricone bit Water Table Elevation: GWL = 1.68m 06/29/00, 1.70m 06/29/00

Notes:

Test ID: SPT-D1

GPS Coordinates: 40.76929°N 30.40828°E

Elevation: -10 cm with respect to CPT-D1

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	q _u Pocket Pen (kPa)	^S u Torvane (kPa)	Moisture Content (%)	Liquid Limit	Plasticity Index	% fines < 75 µm	< 5 µm (%)	< 2 µm (%)	D50 (mm)	D10 (mm)	Remarks
F 0									Fill: Sandy clayey subgrade of sidewalk											
- -1 -		CL	S-D1-1	26/45	1-0-1	1.05	4.27	41	CL: Black to dark gray clayey silt with some fine sand. The soil has organic odor but not related to soil composition. Probably due to nearby septic	10	-	30	33	14	81	37	30	0.011	<2µm	
-2		ML ML	S-D1-2A S-D1-2B	39/45	2-1-1	1.85	5.80	53	tank	 - -	- -	30 32	28 29	-	71 59	-	 - -	- 0.06	-	
- - -3		CH/CL	S-D1-3	36/45	1-1-1	2.65	7.32	53	ML: Dark gray to black sandy silt	70	42	38	50	26	99	54	36	0.004	<2µm	
-		ML	S-D1-4	40/45	3-3-4	3.4	7.32	63	CH: Brown silty clay with traces of red oxidized spots. Does not soften when remoulded	-	-	34	28	-	89	-	-	-	-	
- 4 - - -		sw	S-D1-5	12/45	8-11-12	4.45	8.84	64	ML: Brown silt with traces of fine sand and red oxidized spots.	-	-	15	-	-	4	-	-	1.1	0.24	
-5 - - - -6		SW	S-D1-6	10/45	9-12-12	5.4	10.37	67	SAND: Well graded gray sand to well graded sand with fine gravel. Gravel content is inhomogeneous and varies from 3% to 24%. FC in all recovered samples is < 6%	-	-	11	-	-	3	-	-	1.7	0.33	
- - 7																				
-		SW-SM	S-D1-7	31/45	10-14-18	7.5	10.37	66		-	-	24	-	-	5	-	-	0.7	0.16	
-8 -																				
-9 -									MH: High plasticity silty clay with traces of fine sand	_										
- 10 -		MH/CH	S-D1-8	36/45	3-3-4	10	13.42	75		220	57	34	56	25	94	42	34	0.007	<2µm	