UCB-BYU-UCLA ZETAS-SaU-METU

Joint Research

Project Name: Ground Failure and Building Performance in Adapazari, Turkey Location: Site B - Kuyudibi Ave. and Yaprak Street, Karaosman District, Adapazari

Date: July 5, 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 = 1.68 m 07/08/00 CEC, PG&E

Notes: Solid flight auger used up to 1 m

Test ID: SPT-B2

GPS Coordinates: 40.78513°N 30.40024°E

Elevation: -14 cm with respect to CPT-B3

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: Solid hight auger used up to 1 m																				
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	q _u Pocket Pen (kPa)	^S u Torvane (kPa)	Moisture Content (%)	Liquid Limit	Plasticity Index	% fines < 75 µm	(%) und 5 >	< 2 µm (%)	D50 (mm)	D10 (mm)	Remarks
- 1 - 1		CL	S-B2-1	31/45	1-2-1	1.35	4.27	54	Fill: Dark brown well graded sand with fine gravel CLAYEY SILT: Brown clayey			34	42	18	87	30	21	0.014	<2µm	
-2	H:::::::::::::::::::::::::::::::::::::		S-B2-2	0/45	1-2-1	2.15	5.80	51	silt with fine sand and red oxidized zones							30	21		·	
- 4		ML OD OM	S-B2-3 S-B2-4A S-B2-4B	35/45 35/45		2.953.85	7.32 7.32	54 63 63	SANDY SILT: Gray sandy silt SAND: Well to poorly graded gray sand. Sand with silt in the			33	37	9	91	8	4			
- - -5		SP-SM SP-SM	S-B2-4B S-B2-5	27/45	9-9-10	4.65	8.84	65	upper 2 m of the layer. Gravel content in recovered samples is variable from 0% in S-B2-5 to 12 % in S-B2-7			16 20	-	-	5	-	-	0.48	0.15	
- -6			S-B2-6	0/45	9-14-17	5.45	9.77													
- 7 7 		SW	S-B2-7	15/45	9-14-16	6.95	11.29					11	-	-	3	-	-	1.0	0.22	
-8		SW	S-B2-8	15/45	11-15-16	7.95	11.89	67				15	-	-	4	-	-	0.9	0.21	