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

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

Date: June 26, 2000

Field Log by: Rodolfo B. Sancio

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

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 = 1.42 m 06/28, 1.56 m 07/08, 1.53 m 07/19

Notes: Approximately 1.5 m away from CPT-C1

Test ID: SPT-C1

GPS Coordinates: 40.78370°N 30.39221°E

**Elevation:** -18 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	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									Fill: Dark brown clayey fill											
-1 -1 - -2		ML/CL	S-C1-1	43/45	1-1-1	-	5.80	-	CLAY: Brown tan silty clay to clayey silt. Red oxidation points in samples indicating oxidation of ferric minerals	30	14	40	44	17	99	-	-	-	-	
-3		СН	S-C1-2	35/45	1-2-2	-	5.80	47		120	32	42	64	42	99	84	67	<2µm	<2µm	
-4			SH-C1-3	40/42	-	2.0	-	-		100	24									
-		ML ML	S-C1-4A S-C1-4B	33/45	2-3-5	4.15	7.32	63 63	SANDY SILT: Gray low	180 130	23	35 29	36 30	8 -	98 90	- 18	- 14	- 0.027	- <2µm	
- -5 -		ML	S-C1-5	35/45	2-5-9	5.0	8.84	64	plasticity sandy silt interbedded with gray silty clay with traces of fine sand. Thin gray clay layer at	170	23	28	26	-	67	-	-	-	-	
- - -		ML SW-SM	S-C1-6A S-C1-6B	40/45	5-12-30	5.95	8.84	59 59	approximately 5.15 m.  SAND: Gray sand to silty sand	180	  -  -	29 -	31	-	53 7	14	11 -	0.07	0.001 0.11	
- -7 - - - - -8		SP	S-C1-7	38/45	7-13-7	7.3	10.37	56	of variable gradation interspersed with thin layers of silty clay. Variable gravel content in samples S-C1-6B and S-C1-7 (10 % - 20 %)	-	-	14	-	-	1	-	-	2.8	1	
- - - 9 -																				
-	· · .	ML	S-C1-8	36/45	3-3-8	9.45	11.89	71	ML: Gray low plasticity clayey	-	30	30	32	-	89	42	32	0.007	<2µm	

silt with fine sand