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

Location: Site J - Çirak Street, Yenigün District, Adapazari

**Date:** July 3, 2000

Field Log by: Jonathan D. Bray

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

NSF, Caltrans CEC, PG&E

Joint Research

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

Water Table Elevation: GWL = 0.7 m 07/08/00, 0.8 m 07/14

Notes: Solid flight auger used to a depth of 1 m

Test ID: SPT-J3

GPS Coordinates: 40.77518°N 30.41077°E

Elevation: +6 cm with respect to CPT-J2

**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 to a deptit of 1 fill																				
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)	<sup>S</sup> u Torvane (kPa)	Moisture Content (%)	Liquid Limit	Plasticity Index	% fines < 75 µm	< 5 µm (%)	< 2 µm (%)	D50 (mm)	D10 (mm)	Remarks
-1 -2 -3			SH-J3-1	0/42		1.75 1.75			Fill: Drilled through the concrete slab between buildings J1 and J2. Without prior knowledge, the boring was drilled through the buildings septic tank  ML: Brown to gray clayey silt to silt with fine sand.  Transition from brown to gray occurs at approx. 2.5 m	110										A Shelby tube sample was attempted at 1.8 m. No sample was recovered
- - - 4		ml ML	S-J3-2A S-J3-2B	36/45	2-3-3	3.45	7.32			200 70		30 28	- 30	-	98 78	36 30	30 24	0.01 0.029	<1µm <1µm	
- - - - 5		СН	S-J3-3	42/42		4.55			CH: Gray high plasticity silty clay	70	40	41	95	66	98	63	46	0.003	<1µm	
-5 - - -6		ML	S-J3-4	41/45	4-2-4	5.45	10.37		ML: Gray low plasticity silt with sand to sandy silt	130		32	30	-	72	-	-	-	-	
-		ML	S-J3-5	37/45	6-13-18	6.45	10.37			400		40	28	-	64	25	22	0.043	<2µm	
-8									CH: Gray silty clay											
- - -9 -		СН	S-J3-6	34/45	2-3-5	8.95	11.89			150	56	36	61	33	97	65	50	0.002	<2µm	