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: July 19, 2000

Field Log by: M. Bora Baturay

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 = 0.44 m 08/03/00

Notes:

Test ID: SPT-C4

GPS Coordinates: 40.78370°N 30.39221°E

Elevation: -2 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	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)	Su Torvane (kPa)	Moisture Content (%)	Liquid Limit	Plasticity Index	% fines < 75 µm	< 5 µm (%)	< 2 µm (%)	D50 (mm)	D10 (mm)	Remarks
-1-2-3-4	H:::	CL	S-C4-1		2-1-1	1.45 2.45 3.45	4.27 5.80 7.32	48 47 61	Fill: The boring was drilled through a thin (~5 cm) concrete slab on the west entrance of building C2 CLAYEY SILT: Brown silty clay/clayey silt to sandy silt/silty sand	60	31	42	45	22	99	57	46	0.003	·	Sand catcher was used to aid sample recovery Sand catcher was used Sand catcher was used
		ML ML	S-C4-2A S-C4-2B	27/45	3-2-3	4.35	8.84	62		40 50	24	29 34	30	-	51 83	15 35	14 29	0.07 0.018	0.003 <2µm	Jana Catoner was used