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ZETAS-SaU-METU
Joint Research

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Project Name: Ground Failure and Building Performance in Adapazari, Turkey
Location: Site D - Meydan Street, Çukurahmediye District, Adapazari
Date: July 26, 2000
Field Log by: Rodolfo B. Sancio
Operator: ZETAS (Zemin Teknolojisi, A. S.)
Drilling Method: Rotary wash with 9 cm-diameter tricone bit
Water Table Elevation: GWL = 2.28 m, 08/04/00
Notes:

Test ID: SPT-D3
GPS Coordinates: 40.76929ºN 30.40828ºE
Elevation: +16 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)

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
0									Fill: The soil in the wash water is a medium to coarse sand that is pressumed to be fill for a neighboring pipe.											
1																				
2		-	S-D3-1	0/45	3-2-2	2.15	5.80	53	SILT: Brown sandy silt to low plasticity silt with traces of fine sand	-	-	-	-	-	-	-	-	-	-	
3		ML	S-D3-2	25/45	2-2-2	2.85	7.32	59		-	-	30	30	-	52	17	16	0.07	<2µm	No sample was recovered at 2.9 m. In a second attempt the rods sank 25 cm (3.15 m) and the sampler was driven 45 cm
4		ML	S-D3-3A	40/45	3-6-4	3.75	7.32	55		-	-	27	31	-	55	14	10	0.062	0.002	
		CL	S-D3-3B						CLAYEY SILT: Brown low plasticity clayey silt	150	-	30	32	12	96	30	9	0.011	0.002	
5		SW	S-D3-4	32/45	7-6-13	4.5	8.84	57	SAND: Well graded gray sand with traces of gravel and silt	-	-	18	-	-	4	-	-	1.5	0.46	

Legend
S: Spit Spoon (SPT) SH: Shelby tube