


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 (%)	D ₅₀ (mm)	D ₁₀ (mm)	Remarks
0									Fill: Hole is drilled through fill and rubble of the foundation of the building that was located to the north of building F1											
1		ML	S-F1-1	38/45	1-2-3	0.95	4.27	50	ML: Brown low plasticity sandy silt to silt			32	28	-	72	11	7	0.06	0.004	
2		ML	S-F1-2	32/45	3-2-2	1.75	5.80	57				28	27	-	68	11	9	0.048	0.007	
3		ML	S-F1-3	32/45	2-3-2	2.55	5.80	51				33	31	-	92	42	38	0.008	<2µm	
4		ML/CL	S-F1-4	32/45	2-1-2	3.45	7.32	54	CL: Brown low plasticity silty clay to clayey silt with traces of fine sand	75	28	37	47	19	97	40	27	0.008	<2µm	
5		CL ML	S-F1-5A S-F1-5B	36/45	2-3-6	4.45	8.84	64	SILT AND SAND: Gray sandy silt to silty sand. FC of recovered samples varies from 35% to 77%			31 28	35 30	13 -	85 77	18 18	14 14	0.019 0.041	<2µm <2µm	
6		ML	S-F1-6	35/45	5-7-7	5.35	8.84	67				27	28	-	51	8	6	0.07	0.013	
7		ML SM	S-F1-7A S-F1-7B	33/45	3-7-7	6.15	10.37	59				34 28	28 -	- -	72 35	20 -	15 -	0.05 0.1	<2µm -	
8		SM	S-F1-8	45/45	4-4-9	6.95	10.37	59				26	-	-	42	<15%	<10%	0.085	0.013	Thin brown organic seam at approx. 7.35 m
9		ML	S-F1-9	34/45	5-6-7	7.95	11.89	57				29	31	-	74	17	13	0.034	<2µm	Wood fragments were found in the sample at approx. 8.1 m
10		CH CL/ML	S-F1-10A S-F1-10B	37/45	2-4-7	8.95	11.89	61	CLAY: Gray silty clay to clayey silt with traces of fine sand. LL of recovered samples varies from 38 to 57	170	55	38 34	57 41	29 17	100 99	50 -	26 -	0.005 0.007	<2µm <2µm	
11		ML CH/MH	S-F1-11A S-F1-11B	31/45	3-4-5	9.95	13.42	70				33 23	38 58	- 29	96 100	23 40	17 22	0.019 0.007	<2µm <2µm	

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ZETAS-SaU-METU
 Joint Research
 Sponsored by:
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Project Name: Ground Failure and Building Performance in Adapazari, Turkey
Location: Site F - Sönmez Street, Yenigün District, Adapazari
Date: July 20, 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 = 1.64 m 07/21/00, caved in 08/04/00
Notes: Located approx. 1.5 m from CPT-F1

Test ID: SPT-F1
GPS Coordinates: 40.77148°N 30.40795°E
Elevation: -28 cm with respect to CPT-F3
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)

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12		ML/CL SM	S-F1-12A S-F1-12B	37/45	4-13-20	11.95	14.94	54	SM: Gray silty fine sand			29 25	38 26	12 -	90 30	21 -	14 -	0.019 0.1	0.001 -	

Legend

S: Spit Spoon (SPT) SH: Shelby tube