

UCB-BYU-UCLA
ZETAS-SaU-METU
 Joint Research
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Project Name: Geotechnical Site Investigation at Electrical Sub-Stations
Location: Adapazari Electrical Sub-Station
Date: August 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: Not present up to depth explored
Notes: SPT energy was not measured

Test ID: SPT-AS3
GPS Coordinates: 40.74250°N 30.38408°E
Elevation: -0.28 m with respect to WP 27
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 μ m	< 5 μ m (%)	< 2 μ m (%)	D50 (mm)	D10 (mm)	Remarks
0		CH	S-AS3-1	23/45	2-3-3				Fill: Dark brown very stiff clay			30	63	42	94	74	65	<1 μ m	<1 μ m	
SANDSTONE: Yellow to tan weathered sandstone																				
4	GC	S-AS3-2	7/7	100/7							17	30	14	32	12	<10	3	0.003		