

**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-AS2  
**GPS Coordinates:** 40.74250°N 30.38408°E  
**Elevation:** -0.09 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 <sub>u</sub> Pocket Pen (kPa)	s <sub>u</sub> Torvane (kPa)	Moisture Content (%)	Liquid Limit	Plasticity Index	% fines < 75 μm	< 5 μm (%)	< 2 μm (%)	D <sub>50</sub> (mm)	D <sub>10</sub> (mm)	Remarks
0									Fill: Yellow gravelly, silty, clayey fill											
1																				
2		GC	S-AS2-1	17/17	53-53/2	-			SANDSTONE: Yellow to tan weathered sandstone. Specimen can be crumbled with fingers. Some structure still remains			11	28	13	31	15	10	6	0.002	
3		GC	S-AS2-2	7/10	100/10	-						11	29	12	25	-	-	9	<0.07	