

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									GW: Fine gravels with medium to coarse sand											
1		GW	S-SH4-1	18/45	4-2-1	0.95	4.27	55*					NP	NP	5	-	-	6.4	0.42	
2			S-SH4-2	0/45	2-2-3	1.80	5.80	56												
3		GW-GM	S-SH4-3	10/45	5-5-5	2.60	5.80	59					NP	NP	5	-	-	9.5	0.38	Fine material could be washed out.
4		ML	S-SH4-4	23/45	6-8-6	3.60	7.32	55	ML: Gray sandy silt				NP	NP	73	-	-	<0.07	<0.07	
		SW-SM							SILTY SAND: Gray gravelly silty sand				NP	NP	9	-	-	4.3	0.099	
5		SW-SM	S-SH4-5	20/45	4-4-6	4.50	8.84	56					NP	NP	7	-	-	4.7	0.21	
6		SW	S-SH4-6	23/45	2-3-4	5.40	8.84	64					NP	NP	4	-	-	3.2	0.39	
7			S-SH4-7	0/45	3-4-5	6.40	10.37	64												
8		SW-SM	S-SH4-8	13/45	5-5-6	9.32	11.89	64					NP	NP	11	-	-	3.0	0.074	
9																				
10		SW-SM	S-SH4-9	13/45	5-5-6	9.20	13.42	64					NP	NP	7	-	-	3.9	0.19	
11																				

Legend

S: Spit Spoon (SPT) SH: Shelby Tube * Estimated Energy Ratio NP: Nonplastic

UCB-BYU-UCLA
ZETAS-SaU-METU
 Joint Research
 Sponsored by:
NSF, Caltrans
CEC, PG&E

Project Name: Geotechnical Site Investigations at Lateral Spread Sites
Location: Sapanca Hotel, Sapanca
Date: August 22, 2000
Field Log by: K. Ö. Çetin
Operator: ZETAS (Zemin Teknolojisi, A. S.)
Drilling Method: Rotary wash with 9 cm-diameter tricone bit
Water Table Elevation: 0.50 m
Notes:

Test ID: SPT-SH4
GPS Coordinates: 40.69852°N 30.26563°E
Elevation:
Drilling Equipment: Custom made, equivalent to Crealius XC90H
Responsible Engineers: K. Ö. Çetin and M. T. Yilmaz, M.E.T.U.
SPT System: Rope, pulley and cathead method. AWJ rods.
Hammer Type: Safety Hammer (per Kovacs et al. 1983)

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	SH	SW-SM	S-SH4-10	18/45	6-6-14	11.00	14.94	66					NP	NP	7	-	-	4.5	0.19	

Legend

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