

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									FILL: Brown silty clay.											
1									FILL: Brown gravelly silty sand.				NP	NP	24	-	-	1.1	<0.07	
2		SM	S-PS3-1	14/45	8-20->30	1.70	5.20	55*												
2		SM	S-PS3-2	0/45	3-1-2	2.20	5.20	55*	SM: Gray silty sand.				NP	NP	36	-	-	0.13	<0.07	
3									CL: Gray clay.											
4		CL	SH-PS3-3	45/50		3.70					35	45	23	89	24	17	0.02	<1 μ m		
6		CL	SH-PS3-4	45/50		5.70					40	41	18	99	32	18	0.014	<1 μ m		
8									SM: Gray silty sand.				NP	NP	26	-	-	0.98	<0.07	
8		SM CL	S-PS3-5	40/45	4-3-3	8.00	12.82	65*	CL: Gray clay.						89	-	-	<0.07	<0.07	
9																				
10																				
10																				
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: Police Station, eastern edge of Izmit Bay
Date: August 26, 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: 1.40 m
Notes:

Test ID: SPT-PS3
GPS Coordinates: 40.72120°N 29.73733°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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		SM	S-PS3-8	15/45	5-20-18	11.40	14.34	65*	SM: Gray silty sand.				NP	NP	36	-	-	3.4	<0.07	

Legend

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