

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: Pavement (asphalt and subgrade) of Ipcı street followed by dark clay											
1	ML	ML	S-1-41-1A S-1-41-1B	36/45	1-0-1	1.35	4.27		SILT: Brown to olive brown sandy silt to silt with sand	40		31 33	26 29	- -	51 75	18 25	15 18	0.070 0.027	<2μm <2μm	
2	ml	ML	S-1-41-2A S-1-41-2B	38/45	1-2-2	2.45	5.80					34 32	- 30	- -	83 65	26 15	22 12	0.016 0.046	<1μm <2μm	The soil recovered in S-1-41-2B at approx. 2.6 m was identified by Bora Baturay as being very similar to the soil ejected to the surface after the Kocaeli earthquake
3	ML	cl	S-1-41-3A S-1-41-3B	40/45	2-2-2	3.25	7.32			70	36	33 46	29 -	- -	83 99	20 63	17 48	0.027 0.002	<2μm <1μm	
4	ML	CH	S-1-41-4A S-1-41-4B	40/45	2-1-3	4.05	7.32		CH: Brown gray to gray high plasticity silty clay	75		38 42	35 53	8 30	94 100	25 67	19 51	0.022 0.002	<1μm <1μm	
5	CH		S-1-41-5	38/45	2-2-3	4.85	8.84			130	59	26	54	30	92	50	40	0.005	<1μm	
6	SP-SM	ml	S-1-41-6A S-1-41-6B	37/45	2-5-7	5.65	8.84		SP-SM: Gray poorly graded fine sand with silt grading to poorly graded fine to medium sand with silt. Sand is interspersed with thin strata of ssilt with sand (S-1-41-6B)			23 28	- -	- -	9 84	- 16	- 13	0.22 0.028	0.08 <2μm	
7	SP-SM		S-1-41-7	37/45	12-17-22	6.45	10.37					19	-	-	5	-	-	0.44	0.11	
8	SP-SM		S-1-41-8	35/45	14-16-20	7.45	11.89					20	-	-	8	-	-	0.35	0.088	
9	CH	ML	S-1-41-9A S-1-41-9B	38/45	2-2-5	8.45	11.89		CH: Gray high plasticity silty clay	150	65	39 31	51 32	25 -	98 91	57 26	44 21	0.003 0.016	<1μm <1μm	
									ML: Gray low plasticity silt with traces of fine sand											