

2. BORING LOGS

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM				BORING LOG : DSC- 01 sheet 1 of 1													
Station : Conveyance Sewer Route				Depth (m) : 30.0													
Date commenced : 31st July 2000				Elevation (m) : -2.40													
Date completed : 1st Aug 2000				Boring Type : AG-30													
Logged by : Hoang Tuan Minh				Underground water level (m) : -1.0													
Checked by : Pham Van Manh																	
Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST												
					Depth (m)		N	Blows/15cm			N						
					From	To		15	15	15	0	10	20	30	40	50	
0	-2.40																
1			OH	Very soft, high plasticity, blakish grey ORGANIC CLAY	1.00	1.45	0	0	0	0							
2	2.0	-4.40	2.0	DSC-01-1 2.0 - 3.0													
3				Loose, yellowish grey CLAYEY SAND	3.00	3.45	10	3	4	6							
4			DSC-01-2 4.0 - 5.0														
5																	
6			SC	DSC-01-3 6.0 - 7.0	5.00	5.45	9	3	4	5							
7				Medium dense, yellowish brownish grey SILTY SAND	7.00	7.45	15	5	7	8							
8			DSC-01-4 8.0 - 9.0														
9																	
10	9.50	-11.9	7.50	DSC-01-5 11.5 - 12.1	9.00	9.45	15	6	7	8							
11				Medium dense, yellowish brownish grey SILTY SAND	10.00	10.45	14	5	7	7							
12			DSC-01-6 13.5 - 14.1														
13																	
14					13.00	13.45	15	5	7	8							
15					14.10	14.55	16	6	8	8							

Note: Underground water level measured from ground surface.

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM				BORING LOG : DSC - 01 sheet 2 of 1													
Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST												
					Depth (m)		N	Blows/15cm			N						
					From	To		15	15	15	0	10	20	30	40	50	
15					15.00	15.45	14	6	6	8							
16				DSC-01-7 16.5 - 17.1	16.00	16.45	15	5	7	8							
17				Medium dense, yellowish brownish grey SILTY SAND	17.10	17.55	14	4	7	7							
18																	
19																	
20				DSC-01-8 19.5 - 20.1	19.00	19.45	14	4	6	8							
21				Medium dense, yellowish brownish grey SILTY SAND	20.10	20.55	15	5	7	8							
22																	
23																	
24			SM	DSC-01-9 21.5 - 22.1	21.00	21.45	15	6	7	8							
25				Medium dense, yellowish brownish grey SILTY SAND	22.10	22.55	16	6	8	8							
26																	
27																	
28				DSC-01-10 23.5 - 24.1	23.00	23.45	17	5	8	9							
29				Medium dense, yellowish brownish grey SILTY SAND	24.10	24.55	15	6	7	8							
30																	
31																	
32				DSC-01-11 25.5 - 26.1	25.00	25.45	17	6	8	9							
33				Medium dense, yellowish brownish grey SILTY SAND	26.10	26.55	18	5	9	9							
34																	
35																	
36				DSC-01-12 27.5 - 28.1	27.00	27.45	19	6	9	10							
37				Medium dense, yellowish brownish grey SILTY SAND	28.10	28.55	20	6	9	11							
38																	
39																	
40				DSC-01-13 29.5 - 30.1	29.00	29.45	19	7	9	10							

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM				BORING LOG : DSC- 02 sheet 1 of 2													
Station : Conveyance Sewer Route																	
Date commenced : 02-nd Aug 2000				Depth (m) : 30.0													
Date completed : 03rd Aug 2000				Elevation (m) : -4.90													
Logged by : Hoang Tuan Minh				Boring Type : AG-30													
Checked by : Pham Van Manh				Underground water level (m): -0.5													
Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST												
					Depth (m)		N	Blows/15cm			N						
					From	To			15	15	15	0	10	20	30	40	50
0	-4.90																
1	1.00	-5.90	OH	Very soft, high plasticity, blakish grey ORGANIC CLAY	1.00	1.45	9	3	4	5							
2			SC	DSC-02-1 2.0 - 3.0 Loose, yellowish grey CLAYEY SAND													
3	3.50	-8.40	2.50		3.00	3.45	15	6	7	8							
4				DSC-02-2 4.0 - 5.0													
5					5.00	5.45	14	5	6	8							
6				DSC-02-3 6.0 - 7.0													
7					7.00	7.45	15	6	7	8							
8				DSC-02-4 8.0 - 9.0													
9					9.00	9.45	15	7	7	8							
10			SM	Medium dense, yellowish brownish grey SILTY SAND	10.00	10.45	14	5	6	8							
11					11.00	11.45	15	5	7	8							
12				DSC-02-5 11.5 - 12.1	12.10	12.55	16	6	8	8							
13					13.00	13.45	15	5	7	8							
14				DSC-02-6 13.5 - 14.1	14.10	14.55	14	6	7	7							
15																	

Note: Underground water level measured from ground surface.

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM				BORING LOG : DSC - 02 sheet 2 of 2													
Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST												
					Depth (m)		N	Blows/15cm			N						
					From	To			15	15	15	0	10	20	30	40	50
16				DSC-02-7 15.5 - 16.1	15.00	15.45	16	6	8	8							
17					16.10	16.55	15	6	7	8							
18				DSC-02-8 18.00 - 18.45	17.00	17.45	14	5	6	9							
19					18.00	18.45	15	6	7	8							
20				DSC-02-9 18.5 - 19.1	19.10	19.55	18	6	8	10							
21					20.00	20.45	22	6	9	13							
22				DSC-02-10 20.5 - 21.1	21.10	21.55	19	7	8	11							
23			SM	Medium dense, yellowish brownish grey SILTY SAND	22.00	22.45	17	7	8	9							
24					23.10	23.55	21	6	9	12							
25				DSC-02-11 24.5 - 25.1	24.00	24.45	22	7	10	12							
26					25.10	25.55	21	7	10	11							
27				DSC-02-12 26.5 - 27.1	26.00	26.45	22	7	11	11							
28					27.10	27.55	23	7	10	13							
29				DSC-02-13 28.5 - 29.1	28.00	28.45	21	6	9	12							
30	30.0	-34.9	26.50		29.10	29.55	22	7	9	13							
					29.55	30.00	21	6	8	13							