

2. BORING LOGS

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM				BORING LOG : DSS - 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				
16	15.50	-13.55	8.50		15.50	15.95	9	4	4	5											
17				DSS-01-7 16.0 - 16.6	16.60	17.05	10	5	5.0	5.0											
18				DSS-01-8 18.0 - 18.6	17.50	17.95	11	5	6	5											
19					18.60	19.05	10	4	5	5											
20					19.50	19.95	11	5	5	6											
21					20.60	21.05	11	4	5	6											
22			SM	DSS-01-9 22.0 - 22.6 Medium dense, yellowish grey SILTY SAND	21.50	21.95	12	5	6	6											
23					22.60	23.05	11	6	6	5											
24				DSS-01-10 24.0 - 24.6	23.50	23.95	14	6	7	7											
25					24.60	25.05	15	6	7	8											
26					25.50	25.95	15	7	7	8											
27					26.60	27.05	16	7	8	8											
28				DSS-01-11 28.0 - 28.6	27.50	27.95	17	8	8	9											
29					28.60	29.05	16	8	8	16											
30	30.00	-28.05	14.50	DSS-01-12 29.5 - 30.0	29.05	29.50	17	8	8	9											

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM				BORING LOG : DSS- 01 sheet 1 of 1																		
Station : Interceptor Sewer Route				Depth (m) : 30.0																		
Date commenced : 9th June 2000				Elevation (m) : 1.95																		
Date completed : 9th June 2000				Boring Type : XJ - 100																		
Logged by : Nguyen Xuan Hong				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	1.95																					
1				Ground made : Clayey sand gravelly sand with cobble of stone, concrete	0.50	0.95	15	6	8	7												
2	1.70	0.25	1.70	DSS-01-1 2.0 - 2.6 Very soft, high plasticity bla- ckish grey ORGANIC CLA	1.50	1.95	1	3	1	0												
3	3.00	-1.05	1.30		2.60	3.05	2	0	1	1												
4			CL	DSS-01-2 4.0 - 4.6 Stiff, low plasticity, yellow ish grey SANDY	3.50	3.95	15	4	7	8												
5					4.60	5.05	14	5	7	7												
6				DSS-01-3 6.0 - 6.6	5.50	5.95	8	4	4	4												
7	7.00	-5.05	4.00		6.60	7.05	7	4	3	4												
8				DSS-01-4 8.0 - 8.6	7.50	7.95	6	3	3	3												
9					8.60	9.05	7	2	3	4												
10				DSS-01-5 10.0 - 10.6	9.50	9.95	6	3	3	3												
11			SC	DSS-01-6 12.0 - 12.6 Loose, yellowish grey CLAYEY SAND	10.60	11.05	7	3	4	3												
12					11.50	11.95	8	3	4	4												
13					12.60	13.05	6	4	3	3												
14					13.50	13.95	7	3	3	4												
15					14.60	15.05	8	4	4	4												

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 : DSS - 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					15.60	16.05	8	4	4	4											
17			SC	DSS-02-8 17.0 - 17.6	16.50	16.95	7	3	4.0	3.0											
18					17.60	18.05	7	4	3	4											
19	19.00-16.90	13.00		DSS-02-9 19.0 - 19.6	18.50	18.95	8	4	4	4											
20					19.60	20.05	9	5	4	5											
21			CL	DSS-02-10 21.0 - 21.6	20.50	20.95	10	4	5	5											
22	22.00-19.90	3.00			21.60	22.05	12	5	6	6											
23					22.50	22.95	15	6	7	8											
24			SC	DSS-02-11 25.0 - 25.6	23.60	24.05	16	6	8	8											
25					24.50	24.95	17	7	8	9											
26	26.00-23.90	4.00			25.60	26.05	17	8	8	9											
27					26.50	26.95	18	8	9	9											
28					27.60	28.05	19	8	9	10											
29			SM	DSS-02-12 29.0 - 29.6	28.50	28.95	19	8	9	10											
30	30.00-27.90	4.00			29.60	30.05	20	9	10	10											

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM				BORING LOG : DSS- 02 sheet 1 of 2																	
Station : Interceptor Sewer Route				Depth (m) : 30.0																	
Date commenced : 10th June 2000				Elevation (m) : 2.10																	
Date completed : 10th June 2000				Boring Type : XJ - 100																	
Logged by : Nguyen Xuan Hong				Underground water level (m) : -1.2																	
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	2.10																				
1	1.70	0.40		DSS-02-1 1.0 - 1.6	0.50	0.95	9	3	4	5											
2					1.60	2.05	12	5	6	6											
3				DSS-02-2 3.0 - 3.6	2.50	2.95	11	4	5	6											
4			CL	DSS-02-3 5.0 - 5.6	3.60	4.05	11	4	5	6											
5					4.50	4.95	11	4	5	6											
6	6.00	-3.90	4.30	DSS-02-4 7.0 - 7.6	5.60	6.05	6	3	3	3											
7					6.50	6.95	7	3	4	3											
8				DSS-02-5 9.0 - 9.6	7.60	8.05	7	3	3.0	4.0											
9					8.50	8.95	7	3	4	3											
10					9.60	10.05	8	3	4.0	4.0											
11			SC	DSS-02-6 11.0 - 11.6	10.50	10.95	7	3	3.0	4.0											
12					11.60	12.05	7	2	3.0	4.0											
13				DSS-02-7 13.0 - 13.6	12.50	12.95	6	2	3.0	3.0											
14					13.60	14.05	7	3	4.0	3.0											
15					14.50	14.95	7	3	3	4											

Note: Underground water level measured from ground surface.