

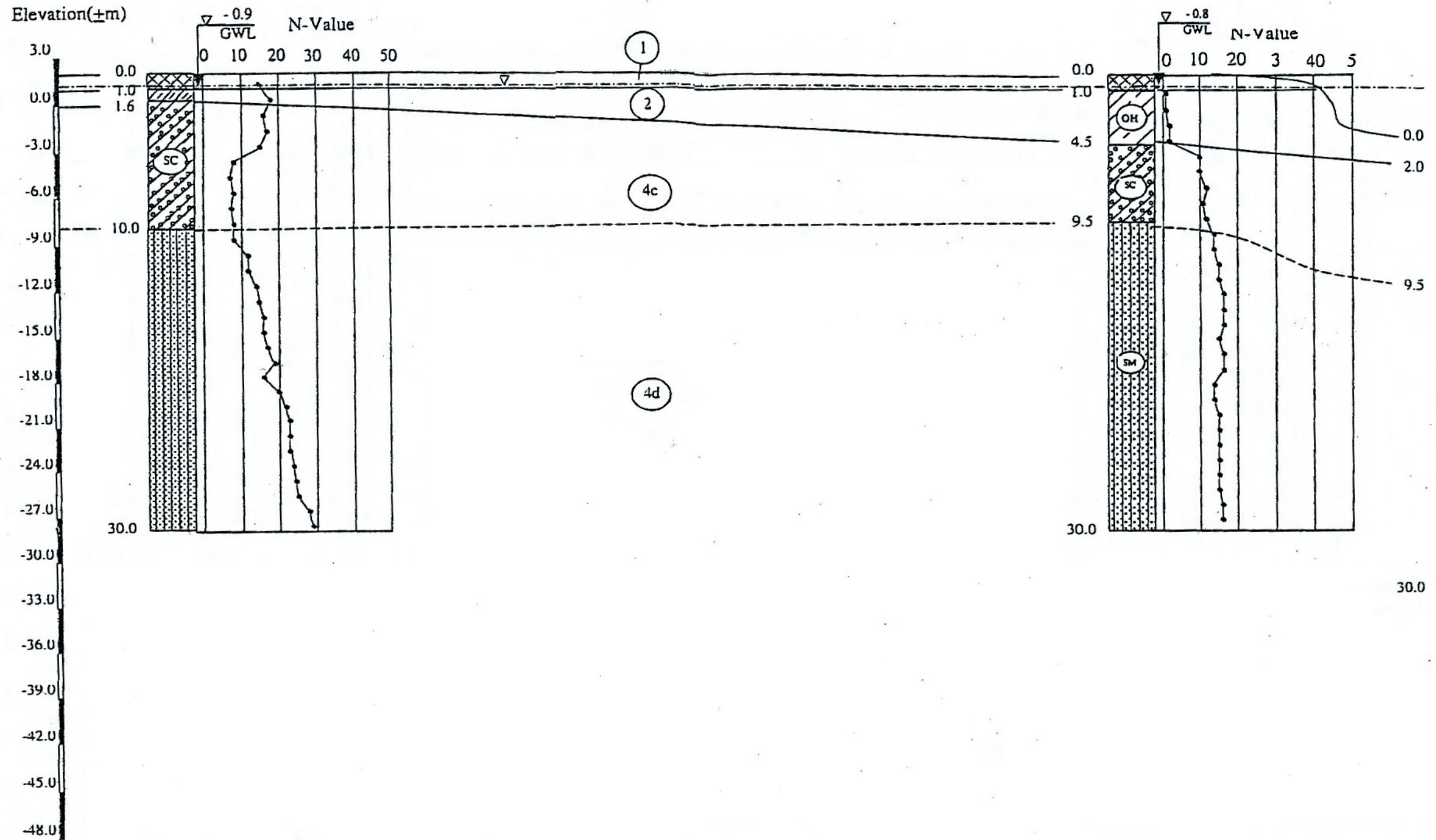
THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM				BORING LOG : DSC - 04 sheet 3 of 4																	
Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST																
					Depth (m)		N	Blows/15cm			N										
					From	To		15	15	15	0	20	30	40	50						
33					32.50	32.95	16	6	8	8											
34					33.60	34.05	15	5	7	8											
35			SM	DSC-04-15 35.0 - 35.6 Medium dense, yellowish grey SILTY SAND.	34.50	34.95	16	6	8	8											
36					35.60	36.05	18	7	9	9											
37					36.50	36.95	19	8	9	10											
38					37.60	38.05	19	8	9	10											
39				DSC-04-16 39.0 - 39.6	38.50	38.95	20	9	9	11											
40	40.0	38.47	18.00		39.60	40.05	21	9	10	11											

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT SOIL INVESTIGATION PROGRAM						BORING LOG : DSC- 05 sheet 1 of 5															
Station : Conveyance Sewer Route						Depth (m) : 30.0															
Date commenced : 29th July 2000						Elevation (m) : 1.43															
Date completed : 29th July 2000						Boring Type : AG - 30															
Logged by : Hoang Tuan Minh						Underground water level (m) : - 0.8															
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	1.43				0.00	0.45	0	0	0	0											
1	0.50	0.93	0.50	Ground made: Very soft, blackish grey CLAY.	1.00	1.45	0	0	0	0											
2					2.00	2.45	0	0	0	0											
3				DSC-05-1 2.5 - 3.1	3.10	3.55	0	0	0	0											
4					4.00	4.45	0	0	0	0											
5					5.00	5.45	0	0	0	0											
6				DSC-05-2 5.45 - 6.05	6.05	6.50	0	0	0	0											
7					7.00	7.45	0	0	0	0											
8			OH	DSC-05-3 7.5 - 8.1 Very soft, high plasticity blackish grey ORGANIC CLAY	8.10	8.55	0	0	0	0											
9					9.00	9.45	0	0	0	0											
10					10.00	10.45	0	0	0	0											
11				DSC-05-4 10.45-11.05	11.05	11.50	0	0	0	0											
12					12.00	12.45	0	0	0	0											
13				DSC-05-5 12.5 - 13.1	13.10	13.55	0	0	0	0											
14					14.00	14.45	0	0	0	0											
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 - 05 sheet 2 of 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						
16				DSC-05-6 15.45 - 16.05	15.00	15.45	0	0	0	0												
17			OH	Very soft, high plasticity blackish grey ORGANIC CLAY	16.05	16.55	1	0	0.5	0.5												
18			DSC-05-7 17.5 - 18.1		17.00	17.45	1	0	0.5	0.5												
19	19.00	17.57	18.50		18.10	18.55	2	1	1	1												
20	20.10	18.67	1.10	SC	DSC-05-8 19.45 - 20.05	19.00	19.45	9	6	4	5											
21					20.05	20.50	13	5	6	7												
22			CH	Very stiff, high plasticity, yellowish grey CLAY.	21.00	21.45	17	6	8	9												
23			DSC-05-9 22.5 - 23.1		22.00	22.45	16	7	8	8												
24	23.50	22.07	3.40		23.10	23.55	17	8	8	9												
25					DSC-05-10 24.5 - 25.1	24.00	24.45	14	6	7	7											
26					25.10	25.55	15	6	7	8												
27			SM	Medium dense, yellowish grey SILTY SAND.	26.00	26.45	15	5	7	8												
28			DSC-05-11 27.5 - 28.1		27.00	27.45	16	6	8	8												
29					28.10	28.55	15	6	7	8												
30	30.0	28.57	6.50		DSC-05-12 29.4 - 30.0	28.95	29.40	16	5	8	8											

3. ENGINEERING GEOLOGICAL CROSS SECTIONS



BORING NUMBER	DSS-05	SS-10
DEPTH (m)	30	30
ELEVATION (m)	1.73	1.61
DISTANCE (m)	450	80