THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
SOIL INVESTIGATION PROGRAM

BORING LOG : DST(1) - 02
sheet 2 of 2

Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST Depth (m) From	To	N	Blows/15cm 15	15	15	N 0 10 20 30 40 50
19			OH	Very soft, high plasticity blackish grey ORGANIC CLAY.	18.5	18.95	2	1	1	1	
20					19.5	19.95	2	1	1	1	
21	21.0	-19.47	20.0		20.5	20.95	2	1	1	1	
22				DST(1)-02-5 22.0 - 22.6	21.5	21.95	2	1	1	1	
23					22.6	23.05	3	1	1	2	
24					23.5	23.95	3	1	1	2	
25			OH	Soft, high plasticity blac - kish grey ORGANIC CLAY.	24.5	24.95	2	1	1	1	
26					25.5	25.95	2	1	1	1	
27				DST(1)-02-6 27.0 - 27.6	26.5	26.95	3	1	1	2	
28					27.6	28.05	2	1	1	1	
29					28.5	28.95	3	1	1	2	
	29.20	-27.67	8.20								
30			CH	Stiff, low plasticity, light grey SANDY CLAY	29.5	29.95	7	2	3	4	
31					30.5	30.95	7	3	3	4	
	31.50	-29.97	2.30								
32					31.5	31.95	8	3	4	4	
33			SP	Medium dense, white POO - DST(1)-02-7 RLY GRADED SAND 33.0 - 33.6	32.5	32.95	29	9	14	15	
34	34.0	-32.47	2.50		33.6	34.05	28	10	13	15	
35					34.5	34.95	29	11	14	15	
36			SM	Medium dense, white SILTY SAND	35.5	35.95	28	10	13	15	
37					36.5	36.95	27	11	13	14	
38					37.5	37.95	29	11	14	15	
39					38.5	38.95	29	12	14	15	

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
SOIL INVESTIGATION PROGRAM

BORING LOG : DST(1) - 02
sheet 3 of 2

Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST Depth (m) From	To	N	Blows/15cm 15	15	15	N 0 10 20 30 40 50
40					39.5	39.95	30	11	15	15	
41			SM		40.5	40.95	30	12	14	16	
42				Medium dense, white SILTY SAND	41.5	41.95	30	13	14	16	
43					42.5	42.95	30	12	14	16	
	43.50	-41.97	9.50								
44					43.5	43.95	30	13	14	16	
45					44.5	44.95	45	18	20	25	
46					45.5	45.95	47	19	22	25	
47					46.5	46.95	48	20	23	25	
48			CH	Hard, high plasticity yellq wish brown grey SANDY	47.5	47.95	47	19	23	24	
49				CLAY	48.5	48.95	49	20	24	25	
50					49.5	49.95	48	21	23	25	
51					50.5	50.95	49	22	24	25	
52					51.5	51.95	50	23	24	26	
53					52.5	52.95	50	22	25	25	
54					53.5	53.95	51	20	25	26	
55	55.0	-53.47	11.5		54.5	54.95	51	22	24	27	

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
SOIL INVESTIGATION PROGRAM

BORING LOG : DST(1)-03
sheet 1 of 3

Station	:	Wastewatr Treament Plant Site	Depth (m)	:	36.5
Date commenced	:	25th Aug 2000	Boring Type	:	AG-30
Date completed	:	25th Aug 2000	Coordinate(m) X	:	574027.20
Logged by	:	Hoang Tuan Minh	Y	:	185361.61
Checked by	:	Pham Van Manh	Z	:	1.27
			Underground water level (m) :		-1.2

Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST: Depth (m) From	To	N	Blows/15cm 15	15	15	N
0		1.27									
1	1.00	0.27	1.00	Made ground: light brown ORGANIC CLAY	1.0	1.45	0	0	0	0	
2					2.0	2.45	1	0	0.5	0.5	
3				DST(1)-03-1 3.5 - 4.1	3.0	3.45	1	0	0.5	0.5	
4					4.1	4.55	2	0	1	1	
5					5.0	5.45	2	0	1	1	
6					6.0	6.45	2	1	1	1	
7					7.0	7.45	2	1	1	1	
8			OH	DST(1)-03-2 7.5 - 8.1 Very soft, high plasticity blackish grey ORGANIC CLAY.	8.1	8.55	2	1	1	1	
9					9.0	9.45	2	0	1	1	
10					10.0	10.45	2	1	1	1	
11					11.0	11.45	2	1	1	1	
12					12.0	12.45	2	1	1	1	
13				DST(1)-03-3 12.5 - 13.1	13.1	13.55	2	1	1	1	
14					14.0	14.45	2	1	1	1	
15					15.0	15.45	2	1	1	1	
16											

*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 : DST(1) - 03
sheet 2 of 3

Depth (m)	Elevation (m)	Thickness (m)	LOG 1/100	SOIL DESCRIPTION	STANDARD PENETRATION TEST: Depth (m) From	To	N	Blows/15cm 15	15	15	N
17					16.0	16.45	2	1	1	1	
18					17.0	17.45	2	1	1	1	
19			OH	DST(1)-03-4 17.5 - 18.1 Very soft, high plasticity blackish grey ORGANIC CLAY.	18.1	18.55	2	1	1	1	
20					19.0	19.45	2	1	1	1	
21	21.5	-20.23	20.5		20.0	20.45	2	1	1	1	
22					21.0	21.45	2	1	1	1	
23				DST(1)-03-5 22.5 - 23.1	22.0	22.45	2	1	1	1	
24					23.1	23.55	2	1	1	1	
25					24.0	24.45	2	1	1	1	
26			OH		25.0	25.45	2	1	1	1	
27				Soft, high plasticity blac - kish grey ORGANIC CLAY.	26.0	26.45	2	1	1	1	
28				DST(1)-03-6 27.5 - 28.1	27.0	27.45	3	1	1	2	
29					28.1	28.55	2	1	1	1	
30					29.0	29.45	3	1	1	2	
31					30.0	30.45	3	1	1	2	
	31.4	-30.13	10.4		31.0	31.45	3	1	1	2	
32	32.0	-30.73	0.60	CL Stiff, low plasticity, blueish grey SANDY CLAY	32.0	32.45	26	9	12	14	
33					33.0	33.45	25	10	12	13	
34				DST(1)-03-7 33.5 - 34.1	34.1	34.55	28	10	13	15	
35			SM	Medium dense, white POORLY GRADED SAND with SILT	35.0	35.45	26	10	12	14	
36	36.5	-35.23	4.00		36.0	36.45	28	10	13	15	