THE DETAILED DESIGN STUDY ON HO CHI MINH CITY  WATER ENVIRONMENT IMPROVEMENT PROJECT  SOIL INVESTIGATION PROGRAM									BORING LOG: DSC-03										
									sheet 1 of 3										
Stati	ion		:	Convey	ance Sewer R	Route		ATT AND DESCRIPTION OF THE PERSON OF THE PER	-	-	ale palment		-	-	-				
Date commenced: 31st May 2000								Depth (m) : 30.0											
Date	com	pleted	:	31st M			Elevation (m) : 1.87												
	ged by		:	Nguyen	Xuan Hong		Bori	ing Ty	pe	:	X.	I - I	00						
Che	cked t	у	:	Pham V	an Manh		Und	ergrou	nd v	vate	r lev	el (r	n): -	0.7					
Depth (m)		Elevation (m)	Thickness (m)	1	LOG 1/100	SOIL DESCRIPTION							ETRA	AOIT.	TES	ST			
č	2	leve	hick		1/100			h (m)	И	.,									
-11			-				From	To	_	15	15	15	0 1	0 20	30	40	50		
1	1.50	0.37	1.50			Made ground: Blackish grey SANDY CLAY.	0.50	0.95	18	7	8	8		<u>,                                    </u>					
2			-		DSC-03-1 2.0 - 2.6		1.50	1.95	0	0	0	0							
3						Very soft, high plasticity,	3.50	3.05	0	0	0	0							
5					4.0 - 4.6	blakish grey ORGANIC CLAY	4.60	5.05	1	0	0.5	0.5							
6	6.80	-4.93	5.30		DSC-03-3 6.0 - 6.6	**	5.50	5.95	1		0.5						••••••		
8					Dec or 1	Stiff, low plasticity yellowi-	7.50	7.05	2	3	1	5							
9	9.00	-7.13	2.20			sh grey CLAY	8.60					6					•••••••		
,					DSC-03-5		9.50	9.95	12	5	6	6							
1					10.0 - 10.6	Medium dense, yellowish br		11.05	12	5	6	6	•						
				SC	DSC-03-6 12.0 - 12.6	wnish grey CLAYEY SAND		11.90	13	5	5	8							
3								13.05				7	•						
+	14.00	-12.13	5.00	SM		Medium dense, yellowish br		13.95	12	4	6	6	•						
5				1				15.05	12	5	6	6		1		*****			

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-03										
_		SHEEL Z UL S																
	Depth (m)	Elevation (m)	(m) ssau		LOG	SOIL DESCRIPTION		S	NAT	DAI	RD I	PEN	ETRA	MOTT	TE:	ST		
	Dep	Eleva	Thickness	1/100					N	Blo	_	_				40	N	
-		-	Ė				From	То	-	15	15	15	0	0 20	30	40	50	
16					DSC-03-7 16.0 - 16.6		15.50	15.95	13	5	5	8			-	-	ļ	
17					10.0 - 10.0		16.60	17.05	14	5	7	7			<u> </u>	ļ		
18					DSC-03-8		17.50	17.95	13	5	6	7			<u> </u>			
19					18.0 - 18.6		18.60	19.05	16	7	8	8			<u> </u>			
20							19.50	19.95	17	7	8	9						
21						*	20.60	21.05	17	7	8	9			<u> </u>			
22	À			Щ	DSC-03-9		21.50	21.95	18	8	8	10		1	ļ			
23				(SM)		Medium dense, yellowish b wnish grey SILTY SAND		23.05	14	5	6	8		/				
24					DSC-03-10		23.50	23.95	14	5	7	7				24.5		
25					24.0 - 24.6		24.60	25.05	14	6	7	7			-		•••••	
26							25.50	25.95	15	5	6	9						
27							26.60	27.05	15	4	7	8						
28		4			DSC-03-11		27.50	27.95	15	5	7	8						
29					28.0 - 28.6		28.60	29.05	15	5	7	8						
30	30.0	-28.13	16.00		DSC-03-12 29.5 - 30.0		29.10			7	8	8				<i>2</i>		

	BORING LOG: DSC-04																	
	sheet 1 of 4																	
Station																		
Station : Conveyance Sewer Route  Date commenced : 1st June 2000								Depth (m) : 40.0										
Date com	pleted	:	2nd June	2000		Elev	ation (	m)	:	1.	53							
Logged b		:	Nguyen	Xuan Hong		Bori	ng Typ	e	:	XJ.	- 10	0						
Checked		:		an Manh		Und	ergrou	nd v	vate	lev	el (r	n):	- 1.	3				
Depth (m)	Elevation (m)	Thickness (m)	1	LOG	SOIL DESCRIPTION	Underground water level (m): - 1.3  STANDARD PENETRATION TEST												
Dep	leva	ick	,	/100				N	_	ws/1.	_	1					N	
		=				From	То		15	15	15	0	10	20	30	40	50	
0.8	0.73	0.80		DSC-04-1	Made ground: Soft, blackist grey SANDY CLAY	0.50	0.95	2	1	1	ı							
2				1.0 - 1.6		1.60	2.05	0	0	0	0 -							
3				DSC-04-2		2.50	2.95	0	0	0	0 4							
4				3.0 - 3.6		3.60	4.05	0	0	0	0 4				ļ			
5				DSC-04-3 5.0 - 5.6		4.50	4.95	0	0	0	0 •				ļ			
6				3.0 - 3.0		5.60	6.05	0	0	0	0 4							
7				DSC-04-4 7.0 - 7.6	Very soft, high plasticity	6.50	6.95	0	0	0	0 -							
к					blackish grey ORGANIC CLAY	7.60	8.05			0.5								
0				DSC-04-5 9.0 - 9.6			8.95 10.05											
10				DSC-04-6			10.95			0.5								
12				11.0 - 11.6			12.05										-	
13				DSC-04-7		12.50	12.95	1	0	0.5	0.5							
14				13.0 - 13.6		13.60	14.05	1	0	0.5	0.5	-						
15			1/			14.50	14.95	2	0	1	1							

Note: Underground water level measured from ground surface.

k			O CHI MINH CITY MENT PROJECT	BORING LOG: DSC-04 sheet 2 of 4									
		GATION PI	ROGRAM										
	ueptin (m)	Elevation (m)		1	LOG	SOIL DESCRIPTION		ST	ANI	DAR	D P	ENE	ETRATION TEST
	ebit	evati	Thickness	1,	/100		Depth	ı (m)	И	Blov	vs/15	cm	И
•	-	ш	Thi				From	То		15	15 15		0 10 20 30 40 50
16					20	Very soft, high plasticity blackish grey ORGANIC	15.60	16.05	2	1	1	2	
17	17.0	-15.47	16.20	/1/	DSC-04-9		16.50	16.95	2	1	2	2	
18		,			17.0 - 17.6	,	17.60	18.05	8	4	4	4	
19					DSC-04-10		18.50	18.95	10	4	4	6	
20				sc y	19.0 - 19.6	Medium dense, yellowish whitish grey CLAYEY SAN	19.50	19.95	11	5	5	6	
21	8				DSC-04-11		20,50	20.95	10	4	5	5	
22	22.0	-20.47	5.00		21.0 - 21.6		21.60	22.05	10	4	5	5	
23					DSC-04-12		22.50	22.95	17	7	8	9	
24					23.0 - 23.6		23.60	24.05	17	8	8	9	
25							24.50	24.95	18	7	8	10	
26							25.60	26.05	15	5	7	8	
27				(SM)		Medium dense, yellowish	26.50	26.95	14	6	7	7	
28		5			27.0 - 27.6	grey SILTY SAND.	27.60	28.05	14	6	6	8	
29							28.50	28.95	15	6	7	8	
30							29.60	30.05	15	5	7	8	
31					DSC-04-14		30.50	30.95	16	7	7	9	•
32					31.0 - 31.6		31.60	32.05	16	6	8	8	