GRAIN SIZE ANALYSIS

Project:	Subs	dence in Bangk	ok Vicinity	Location:	AIT		ning pergelakan ang dalam p Terter pergelakan ang dalam p
Borehole No.:	B	Depth (m)	200.8-200.88	Sample No.:		Test No.:	AH-104
Soli Description	1:			Tested By:	WY	Date:	22-4-93
			an a				
		SIEVE	ANAL YSIS		HYDROM	ETER ANALYSIS	

SIEVE	COLO DATABILITY
	Percent
Opening	Finer
(mm)	(%)
4.76	100.00
2.00	100.00
0,84	1 00,00
0.59	99.90
0.42	99.90
0.30	99,80
0.15	99.40
0.07	97.00
	1

HYDROME	TER ANALYSIS
Particle	Percent
Size	Finer
(mm)	(%)
0.0466	96.13
0.0334	92.75
0.0333	\$3.43
0.0203	90.39
0.01 45	88.71
0.01.04	86.01
0.0074	82.30
0.0054	78.25
0.0040	74.20
0.0030	71.84
0.0014	65.77
0.0012	65,10
0.0010	65.10

6

MECKIM CONTRE ENNO CLAY OPAVEL es.T INST SAME ARTM THAD . 100-90 80-70c 6 % PASSING 60-60 40-30-20 11 10-0 **ü**1 10 äöı 700 DIAMETER (mm)

GRAIN SIZE ANALYSIS

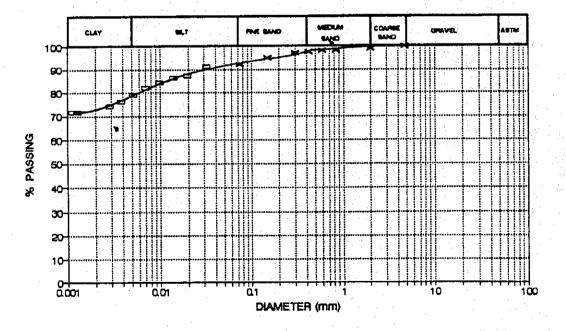
ject: ehole No.:		dence in Bangko Depth (m)	208.5-209	Sample No.:		Test No.:	AH-19
		- Debai AiA		Tested By:	WY	Date:	9-2-93
Descriptio						-	- · · · · · · · · · · · · · · · · · · ·
		SIEVE	NALYSIS		HYDROME	TER ANALYSIS	-
100			Percent	1	Particle	Percent	
		Opening	Finer		Size	Finer	
		(mm)	(96)		(mm)	(%)	
		4.76		1 s.	0.0464	99,80	
) e der	2.00			0,0330	96.38	_
. *		0.84	and the second second		0.0330	98.38	
		0.59		and the second	0.01 99	97.32	 :
· .		0.42	. <u>1938.</u> 1		0.01 41	96.61	
	•	0.30		.	0.0100	96.55	-
		0.15			0.0071	93.78	
	1.00	0.07		1	0.0055	91,66	- 1 ·
				4	0.0038	87.06	
					0.0012	84.93	-
	1, 1 %				0.0011	84.58	-
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		1		• *			
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				MEDIA			
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100						gruvel.	
100 90						544VEL	ASTN
90						gavel.	
90 80						GMAVEL	AUTH
90						GANVEL	
90 80 70							
90 80 70							
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90 80 70 50 80							
90 80 70 90 80 80 80 80 80 80 80 80 80 80 80 80 80							
80 80 70 50 80 50 50 50							
90 80 70 90 80 80 80 80 80 80 80 80 80 80 80 80 80							
80 80 70 50 80 80 80 80 80 80 80 80 80 80 80 80 80							
80 80 70 50 80 80 80 80 80 80 80 80 80 80 80 80 80							

GRAIN SIZE ANALYSIS

Project:	Subsid	dence in Bangkok Vicinity	Location:	AIT			De a
Borehole No.:	В	Depth (m) 213.8-213.9	Sample No.:		Test No.:	AH-105	
Soli Description	ı:		Tested By:	WY	Date:	22-4-93	
		SIEVE ANALYSIS		HYDROMET	ER ANALYSIS	-	
		Opening Percent (mm) (%)		Particle Size (mm)	Percent. Finer (%)		
		4.76 99.90		0.0318	91.23		

ODecom	
(mm)	(96)
4.76	\$9.90
200	99.00
0.84	98.20
0,59	96.00
0.42	97.60
0.30	97.10
0.15	95.10
0.07	92.30
1.1	

HYDROMET	ER ANALYSIS
Particle	Percent
Size	Finer
(mm)	(%)
0.0318	91.23
0.0318	91.52
0.0194	87.41
0.01 38	86.53
0.0099	84.48
0.0071	82.13
0.0051	79.20
0.0038	76.27
0.0028	74.21
0.0013	71.87
0.0011	71.87

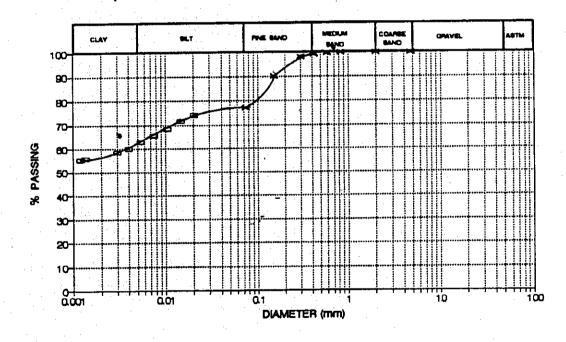


GRAIN SIZE ANALYSIS

Project:	Subs	Idence in Bang	kok Vicinity	Location:	AIT		
Borehole No.:	B	Depth (m)	226.4-226.48	Sample No.:		Test No.:	AH-106
Soli Description	n:	-		Tested By:	WY	Date:	22-4-93
		SIEVI	E ANALYSIS	· •	HYDRO	METER ANALYSIS	<u>;</u>
· .		Opening (mm)	Percent Finer (%)		Partick Size (mm)	Percent Finer (%)	
1				-	0.0004	74.3	A

(1) (1) (1)	<u>}</u>
4.76	100.00
2.00	100.00
0.84	99,90
0.59	99.60
0.42	99.10
0.30	98.10
0.15	90,30
0.07	77,40
	1
· · · · · · · · ·	
	1

HYDROMET	ER ANALYSIS
Particle	Percent
Size	Finer
(mm)	(%)
0.0204	74.36
0.01 46	71.64
0.01 05	68.37
0.0076	65.64
0.0054	62.92
0.0040	60.20
0.0030	58.56
0.0014	55.84
0.0012	55.29
0.0010	54.75

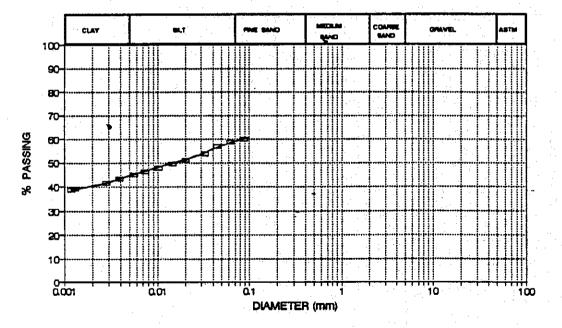


GRAIN SIZE ANALYSIS

	Subsidence in Bang		 , .	Location:	AIT	Tool bin .	ALLOO	2.00
Borehole No.:	B Depth (m)	228-229		Sample No.:	entra da la compañía de la compañía	Test No.:	AH-20	
Soil Description				Tested By:	WY	Date:	9-2-93	11.77
			1.1		and the second second	- an en la calendaria de la calendaria d		

	Percent
Operain (mm)	g Finer (96)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	•
0.15	
0.07	
	6

HYDHOME	ER ANALYSIS
Panicke	Percent
Size	Finer
(171171)	(***** (%) *****
0.0874	60.13
0.0625	58.84
0.0449	56.99
0.0326	54.03
0.0326	53.84
0.0200	51.25
0.01 43	49.59
0.01 03	47.92
0.0074	46.44
0.0056	45.15
0.0039	43.30
0.0028	41.63
0.001 3	39.23
0.001 2	38.86
and the second second	
e en l'arrenda completa	



GRAIN SIZE ANALYSIS

pject: <u>SL</u> rehole No.: B	Depth (m)	257-257.4	Sample No.:	AIT	Test No.:	AH-21
Il Description:		e di serie	Tested By:	WY	Date:	9-2-93
	SIEV	E ANALYSIS	-		ETER ANALYSI	
		Percent		Particle	Percent	
anta ang kanalakan Magantan ang kanala	Opening	Finer		Size	Finer	
	(1111)	C6)		(mm)	(%)	
	4.76			0.0877	85.63	[*] *
and a second second	2.00			0.0630	83.00	·
n (na serie de la serie de La serie de la s	0.84		-	0.0453	80.36	·
	0.59		1	0.0332	74.30	
	0.30	in an		0.0332	74.30 69.82	
	0.15		1 .	0.0204	69.62	
	0.07		1	0.0106	64.03	
		, , ,		0.0076	61.92	<u> </u>
				0.0058	60.08	-
				0.0040	57.44	·
				0.0028	56.12	
				0.0013	54.02	
				0.0012	53.49	
an a						
•						
e barat <u>i</u> kas	a ser a s	part of the state				
	LAY	N.T		COAFRE	OPAVEL	ARTM
100-	 			8440		
90	 -					
		مل ا				
80	•		┉╂┉╟┉╢┅╂╍╂┟┠╢╍		••••••	****
70						
i ng 😽						
BASSING		╍╆╍╍┢╍╆╍╆╍╆╍╆	┉┾╍╍┟╍┟╶╆╍╆┥┟┝┟┝╸	┉┉┾┉┉┟┉┝┅┾┼	<u> </u>	†•†•††
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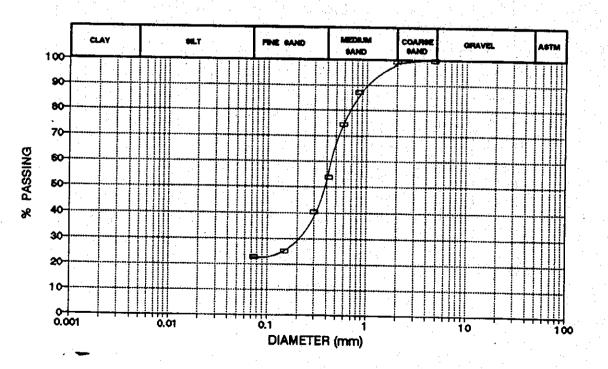
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DIAMETER (mm)

SIEVE ANALYSIS

Project:	Subsidence in Bangkok Vicinity	Location:			
	B-1/1 Depth (m) 261.00-261.50	Sample No.:	SS-C-15B	Test No.:	S-6
Soil Description	1. se andre	Tested By:	WY	Date:	5-2-1993
144 144 144					
· · ·	Container No.:				1
	Weight of Container		100.00	a	
	Weight of Container+Dry Soil	a de la seconda de la second	400.79	<u>a</u>	1
	Weight of Dry Soli		300.79	<u>a</u>	
					4

Sieve No	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retarred (g)	Comutative Retained	Percent Finer
4	4.76	0.23	0.23	0.1	99.9
10	2.00	1.71	1.94	0.6	99.4
20	0.84	36.36	38.30	12.7	87.3
30	0.59	38.27	76.57	25.5	74.5
40	0.42	62.21	138.78	46.1	53.9
50	0.30	40.49	179.27	59.6	40.4
100	0.15	46.06	225.33	74.9	25.1
200	0.07	6.34	231.67	77.0	23.0
			Alexandres p		



SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: Borehole No.: B-1/1 Depth (m) 264.00-264.50 Soil Description:

Sample No.: SS-C-168 Tested By: WY

S-5 5-2-1993

Test No.:

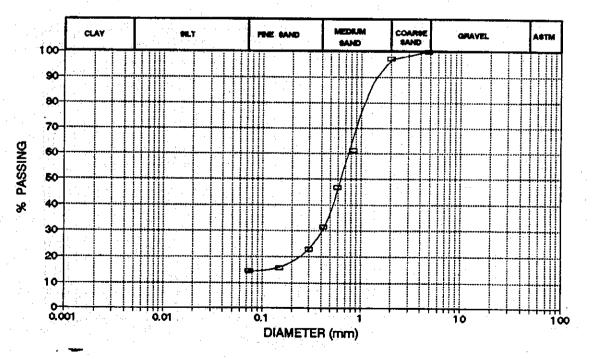
Date:

.

-	 5

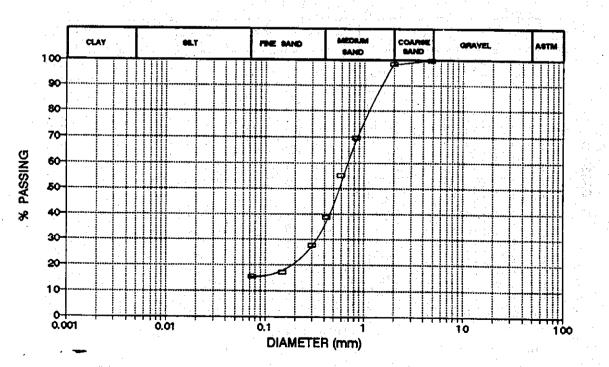
Container No.:	
Weight of Container	100.00 g
Weight of Container+Dry Soil	500.57 g
Weight of Dry Soil	400.57 g

Sieve No:	Sleve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent. Finer
4	4.76	0.49	0.49	0.1	99.9
10	200	11.39	11.88	3.0	97.0
20	0.84	144.17	156.05	39.0	61.0
30	0.59	56.96	213.01	53.2	46.8
40	0.42	62.00	275.01	68.7	31.3
50	0.30	33.92	308.93	77.1	22.9
100	0.15	28.80	337.73	84.3	15.7
200	0.07	4.15	341.88	85.3	14.7
			· · · · · · · · · · · · · · · · · · ·		· ·



SIEVE ANALYSIS

		dence in Bangke		Location:			
		Depth (m)	270.00-270.50	Sample No.:	SS-C-17B	Test No.:	S-4
Soil Description	n:			Tested By:	WY	Date:	5-2-1993
		ntainer No.:					7
		the second s				<u> </u>	
1. S.		eight of Containe		<u>i na statu na statu</u>	100.00		
		sight of Containe	r+Dry Soil	<u>i de la composition de la com</u>	500.35	g	
	L We	sight of Dry Soil	a tyr i e a characharacharach		400.35	9	
	b	dina di Anglaka					
	Sieve No	Sieve Opening	Weight of Soil Retained	Cumulative Retained	Comulative Retained	Percent Finer	
		(MA)	(g)	(0)	(%)		
	4	4.76	0.00	0.00	0.0	100.0	
	10	2.00	6,58	6.58	1.6	98.4	
2000 - 2000 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -	20	0.84	114.84	121.42	30.3	69.7	
	30	0.59	56.98	178.40	44.6	55.4	
1. A.	. 40	0.42	66.73	245.13	61.2	38.8	
	50	0.30	44.88	290.01	72.4	27.6	
	100	0.15	41.41	331.42	82.8	17.2	
	200	0.07	6.60	338.02	84.4	15.6	1
·	1. 1						1



SIEVE ANALYSIS

Project: Borehole No.: B-1/1 Depth (m) Soil Description:

Subsidence in Bangkok Vicinity 274.00-274.50

Container No.:

Sample No.: SS-C-18B Tested By: WY

Location:

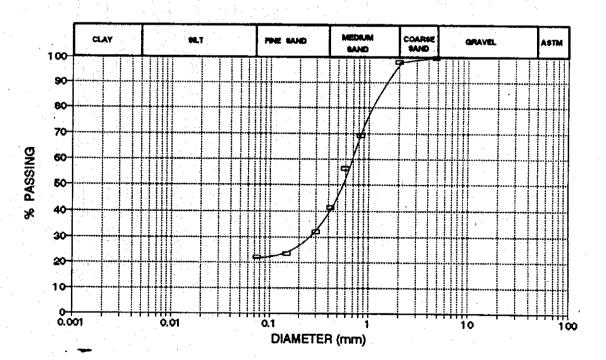
S-3 5-2-1993

Test No.:

Date: G-20

Weight of Container	100.00 g
Weight of Container+Dry Soil	500.51 g
Weight of Dry Soil	400.51 g
77771 000000 \7777000000 1000 1175 ** ** 0** and the	

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	0.67	0.67	0.2	99.8
10	2.00	6.22	6.89	1.7	98.3
20	0.84	116.09	122.98	30.7	69.3
30	0.59	51.55	174.53	43.6	56.4
40	0.42	60.49	235.02	58.7	41,3
50	0.30	36.20	271.22	67.7	32.3
100	0.15	34.31	305.53	76.3	23.7
200	0.07	6.20	311.73	77.8	22.2
		· ·			· · · · · · · · · · · · · · · · · · ·

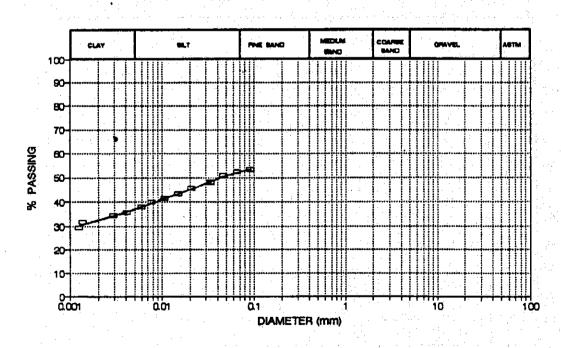


GRAIN SIZE ANALYSIS

Project:	Subsidence in Bangi	kok Vicinity	Location:	AIT		n de la contra de l La contra de la contr
Borehole No.:		277-278	Sample No.:		Test No.:	AH-22
Soli Description	¥		Tested By:	WY	Date:	9-2-93
			Roman (September 1997)		한 사람이 있는	

· .	SIEVE A	NALYSIS
	Opening (mm)	Percent Finer (%)
	4.76	
1	2.00	
	0.84	na an a
	0.59	
	0.42	
	0.30	
	0.15	
	0.07	
		4.4
- 1		

HYDROME	ER ANALYSIS
Particle	Percent
Size	Finer
(MA)	(%)
0.0911	53.47
0.0650	52.59
0.0466	51.19
0.0337	48.21
0.0338	48.03
0.0207	45.58
0.01 49	43.48
0.01 07	41.72
0.0077	39.97
0.0059	38.22
0.0041	35.94
0.0029	34.54
0.0014	31.56
0.0013	29.45
0.0010	26.47



SIEVE ANALYSIS

Project: Borehole No.: B-1/1 Depth (m) Soil Description:

Subsidence in Bangkok Vicinity 281.00-281.50

Sample No.: SS-C-198 Tested By: WY

Location:

S	-2	
£	~	à c

Test No.:

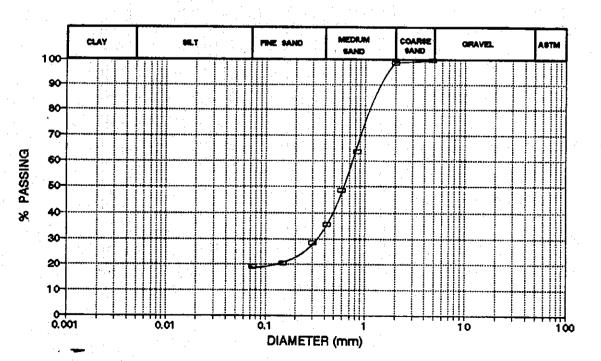
Date:

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5-2-1	Ì

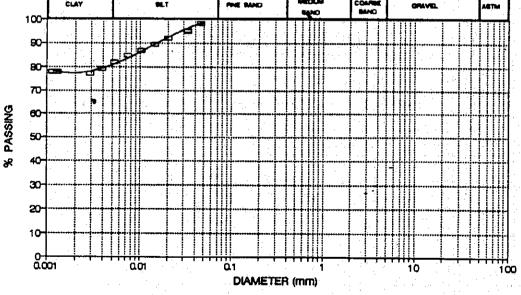
		<u> </u>		
Container No.:				· .
Weight of Contai	nor		100.00 g	· · ·
Weight of Contai	ner+Dry Soil		400.20 g	
Weight of Dry Sc	4	·	300.20 g	· · · · · · · · · · · · · · · · · · ·
an an an Arthur an Anna Anna. An Anna Anna Anna Anna Anna Anna Anna A				······································

Sieve No.	Sleve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Flotained (%)	Percent Finer
4	4.76	0.92	0.92	0.3	99.7
10	200	3.27	4.19	1.4	98.6
20	0.84	105.22	109.41	36.4	63.6
30	0.59	44.45	153.86	51.3	48.7
40	0.42	39.42	193.28	64.4	35.6
50	0.30	21.21	214.49	71.4	28.6
100	0.15	24.03	238.52	79.5	20.5
200	0.07	4.58	243.10	81.0	19.0



GRAIN SIZE ANALYSIS

prehole No.:	В	Depth (m)	289.45-289.53	Sample No.:		Test No.:	AH-107
oil Description	1:	- the second s		Tested By:	WY	Date:	22-4-93
e e Les este en la composition Les este este en la composition		ere i	WALYSIS	de Sara V			
	e An		Percent		Panticle	TER ANALYSIS	
· · · · ·	an an an an a'	Opening	Ficer		Size	Percent	
	al de la compañía de La compañía de la comp	(TTATT)	(%)			1	
1. A. A.		4.76	170)		(mm)	(%)	
		2.00			0.0462	98.23	-
		0.84			0.0331	94.87	
	an di Canad An An	0.59		an the state of the second	0.0330	95.54	
		0.42			0.0201	92.19	
					0.0144	89.51	
		0.30			0.0103	86.83	-
		0.15			0.0074	84.82	a second second
· · ·		0.07			0.0053	82.13	-
		ante ante			0.0039	79.45	
					0.0029	77.44	
					0.001 3	78.11	
					0.0012	78.11	
		An an an an an an					
		the second second				sariati su su stati saria	
			and the second second				
	1.00						
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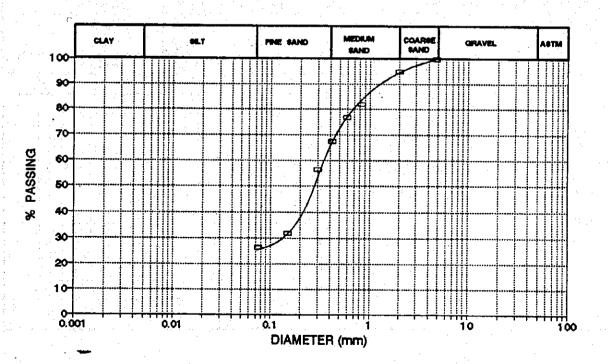


SIEVE ANALYSIS

	Vicinity	Location:	and the second second		· · · · · · · · ·
Borehole N B-1/1 Depth (m)	294.50-295.00	Sample No.:	SS-C-20B	Test No.:	S-1
Soil Description:		Tested By:	WY	Date:	5-2-1993
		· · · · · · · · · · · · · · · · · · ·	· · ·		

Container No.:	
Weight of Container	100.00 g
Weight of Container+Dry Soil	600.62 g
Weight of Dry Soil	500.62 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	1.66	1.66	0.3	99.7
10	2.00	23.24	24.90	5.0	95.0
20	0.84	64.65	89.55	17.9	82.1
30	0.59	26.91	116.46	23.3	76.7
40	0.42	47.68	164.14	32.8	67.2
50	0.30	53.38	217.52	43.5	56.5
100	0.15	123.80	341.32	68.2	31.8
200	0.07	27.03	368.35	73.6	26.4
				7	

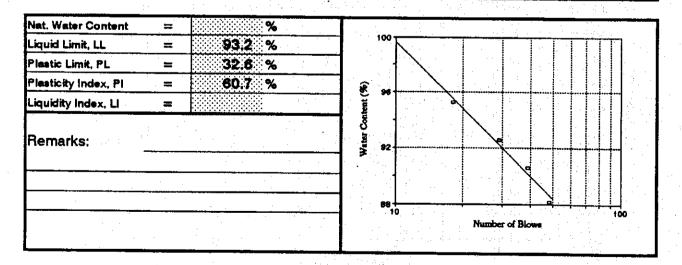


ATTERBERG LIMITS TEST

Project:	Subsidence in Bangkok Vicinity	Location:	
Borehole No.:	B-1/3 Depth (m) 2.00-3.00	Sample No.: UD-T-1	Test No.: A-14
Soil Description:		Tested By: WY	Date: 17-1-1993

	NATURAL WATER CONTENT PLASTIC LIMIT						
Container No.				4	1		
Weight of Container g				3.18	3.35		
Weight of Wet Soil + Container g				12.64	12.58		
Weight of Dry Soil + Container g				10.32	10.31		
Weight of Water g				2.32	2.27		
Weight of Dry Soil g				7.14	6.96		
Water Content %				32.5	32.6		
Average Water Content %				32.6			

Number of Blows	18	29	39	48	
Container No.	6	32	12	40	
Weight of Container g	5.43	5.43	5.43	5.43	
Weight of Wet Soil + Container g	21.87	23.03	21.00	21.35	
Weight of Dry Soil + Container g	13.85	14.57	13.60	13.89	
Weight of Water g	8.02	8.46	7.40	7.46	
Weight of Dry Soil g	8.42	9.14	8.17	8.46	
Water Content %	95.2	92.6	90.6	88.2	



ATTERBERG LIMITS TEST

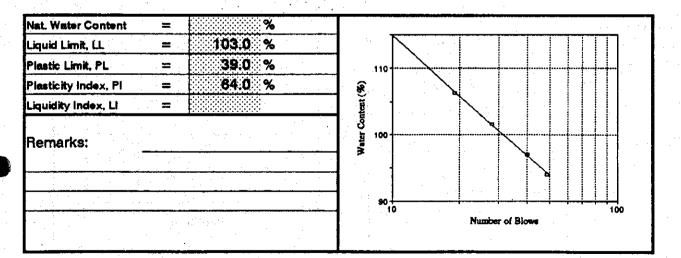
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Project:	Subsidence in Bangkok Vicinity	Location:	AIT Campue		, te .
Borehole No.:	B-1/3 Depth (m) 4.00-5.00	Sample No.:	UD-T-2	Test No.:	-A-15
Soil Description:		Tested By:	WY	Date:	17-1-1993

		NATURAL WA	TER CONTENT	PLASTIC LIMIT		
Container No.				7	77	
Weight of Container	g			3.17	3.20	
Weight of Wet Soil + Container	g			10.45	10.08	
Weight of Dry Soil + Container	g			8.41	8.15	
Weight of Water	g			2.04	1.93	
Weight of Dry Soil	g			5.24	4.95	
Water Content	%			38.9	39.0	
Average Water Content	%			39,0		

LIQUID LIMIT

Number of Blows		19	28	40	49	
Container No.		57	3	86	37	
Weight of Container	g	5.43	5.43	5.44	5.23	
Weight of Wet Soil + Contai	ner g	21.24	21.16	21.22	20.87	
Weight of Dry Soil + Contain	ner g	13.09	13.23	13.45	13.29	
Weight of Water	g	8.15	7.93	7.77	7.58	
Weight of Dry Soil	g	7.66	7.80	8.01	8.06	
Water Content	%	106.4	101.7	97.0	94.0	



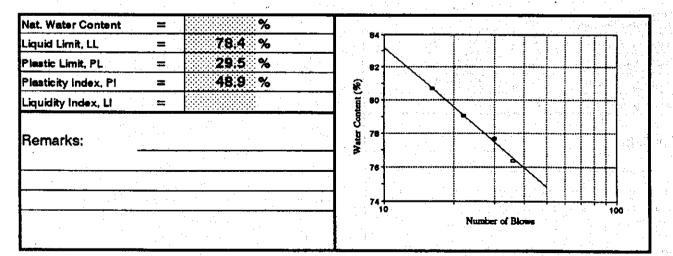
ATTERBERG LIMITS TEST

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Project:	Subsidence in Bangkok Vicinity Location: AIT Campus
Borehole No.:	B-1/3 Depth (m) 6.00-7.00 Sample No:: UD-T-3 Test No.: A-16
Soil Description:	Tested By: WY Date: 17.1-1993
and the second	이 같은 것 같은

	1	NATURAL WAT	ER CONTENT	PLASTIC LIMIT		
Container No.				64	9	
Weight of Container g				3.19	3.32	
Weight of Wet Soil + Container g				11.37	11.42	
Weight of Dry Soil + Container g			1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 -	9.51	9.57	
Weight of Water g				1.86	1.85	
Weight of Dry Soil g				6.32	6.25	
Water Content %	:		$= 2 \pi \frac{1}{2} e^{-\frac{1}{2} \frac{1}{2} $	29.4	29.6	
Average Water Content %				29,5		

. • .				
16	22	30	36	
34	15	86	40	
5.44	5.44	5.46	5.43	
21.36	21.52	21.61	21.78	
14.25	14.42	14.55	14.70	
7.11	7.10	7.06	7.08	
8.81	8.98	9.09	9.27	
80.7	79.1	77.7	76.4	
	5.44 21.36 14.25 7.11 8.81	34 15 5.44 5.44 21.36 21.52 14.25 14.42 7.11 7.10 8.81 8.98	34 15 86 5.44 5.44 5.46 21.36 21.52 21.61 14.25 14.42 14.55 7.11 7.10 7.06 8.81 8.98 9.09	34 15 86 40 5.44 5.44 5.46 5.43 21.36 21.52 21.61 21.78 14.25 14.42 14.55 14.70 7.11 7.10 7.06 7.08 8.81 8.98 9.09 9.27

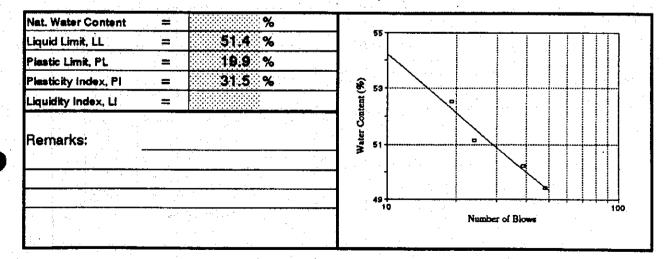


ATTERBERG LIMITS TEST

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Project:	Subsidence in Bangkok Vicinity	Location:	AIT Campus	н. 1919 - Алар	
Borehole No.:	B-1/3 Depth (m) 8.00-9.00	Sample No.:	UD-T-4	Test No.:	- A-17
Soil Description:		Tested By:	WY .	Date:	17-1-1993

		NATURAL WAT	PLASTK	C LIMIT
Container No.			80	3
Weight of Container	g		3.17	3.20
Weight of Wet Soil + Container	g		10.06	10.02
Weight of Dry Soil + Container	g		8.91	8.89
Weight of Water	g		1.15	1.13
Weight of Dry Soil	g		5.74	5.69
Water Content	%	Î	20.0	19.9
Average Water Content	%		19.9	

LIQUID LIMIT				en e	
Number of Blows	48	39	24	19	
Container No.	57	84	98	86	
Weight of Container g	5,44	5.43	5.44	5.45	1. 1995 - 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Weight of Wet Soil + Container g	25.82	24.87	26.39	23.63	
Weight of Dry Soil + Container g	19.08	18.37	19.30	17.37	
Weight of Water g	6.74	6.50	7.09	6.26	
Weight of Dry Soil g	13.64	12.94	13.86	11.92	
Water Content %	49.4	50.2	51.2	52.5	

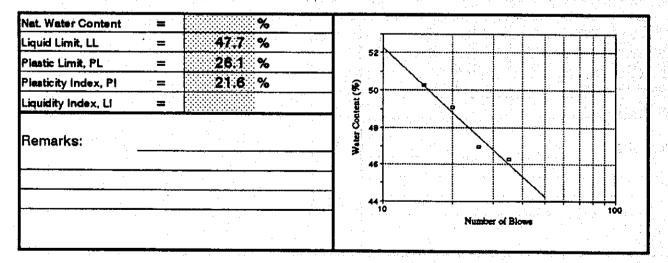


ATTERBERG LIMITS TEST

Project:	Subsidence in Bangkok Vicinity	Location:	AIT Campue		
Borehole No.:	B-1/1 Depth (m) 117.00-117.50	Sample No.:	UD-C-1	Test No.:	A-18
Soil Description:		Tested By:	WY	Date:	5-2-1993
an a		ATURAL WA	TER CONTENT	PLASI	
Container No.	an a			1	4
Weight of Contai	ner g	an a serie and a series. A series and a series		3,13	3.34
Weight of Wet So	oil + Container g			10.12	9.90
Weight of Dry Sc	il + Container g			8.38	8.85
Weight of Water	9			1.74	1.05
Weight of Dry Sc	yil g			5.25	5.51
Water Content	%			33.1	19.1
Average Water C	ontent %			26.1	

LIQUID	LIMIT	÷.	÷

Number of Blows	15	20	26	35	
Container No.	34	90	1	4	
Weight of Container g	5.52	5.41	4.61	5.49	
Weight of Wet Soil + Container g	20.26	20.99	20.26	22,50	
Weight of Dry Soil + Container g	15.33	15.86	15.26	17.12	and the second second
Weight of Water g	4.93	5.13	5.00	5.38	
Weight of Dry Soil g	9.81	10.45	10.65	11.63	
Water Content %	50.3	49.1	46.9	46.3	

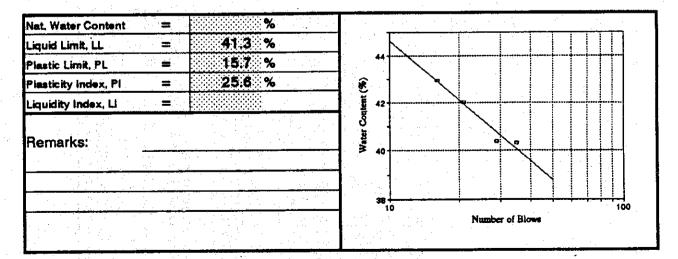


ATTERBERG LIMITS TEST

Project:	Subeld	ence in Bangkok Vicinity	Location:	AIT Campus		
Borehole No.:	B-1/1	Depth (m) 146.60-146.90	Sample No.:	UD-C-3	Test No.:	A-19
Soil Description:			Tested By:	WY	Date:	5-2-1993

		NATURAL WATER CONTENT	NT PLASTIC LIMIT		
Container No.			17	73	
Weight of Container	g		3.18	3,17	
Weight of Wet Soil + Container	g		9.52	10.25	
Weight of Dry Soil + Container	g		8.66	9.29	
Weight of Water	g		0.86	0,96	
Weight of Dry Soil	g		5.48	6.12	
Water Content	%		15.7	15.7	
Average Water Content	%		15.7		
				- -	

Number of Blows	16	21	29	35	
Container No.	7	2	57	41	
Weight of Container g	5.42	4.70	5.47	5.47	
Weight of Wet Soil + Container g	22.16	22.64	22.60	22.80	
Weight of Dry Soil + Container g	17.13	17.33	17.67	17.82	
Weight of Water g	5.03	5,31	4.93	4.98	
Weight of Dry Soil g	11.71	12.63	12.20	12.35	
Water Content %	43.0	42.0	40.4	40.3	



CONSOLIDATION

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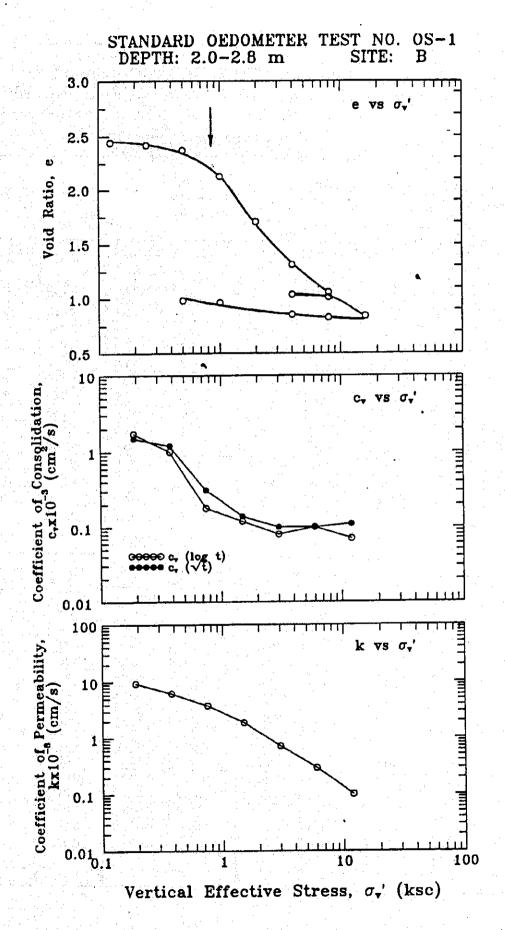
	e No.:	nce in Bang B	Depth (m)		Sample No		<u></u>	Test No.:	<u>OS-1</u>
	cription:			inter plane de la	Tested By:	-	SIH	Date:	18-2-199
	of Solids		0.518	cm	a an			<u>Tridolad</u>	
	Vert	Heic	pht of Samp		Vertical	Strain (%)	<u>.</u>	Void Ratio	
No.	Stress		H	H	e i		•	•	
	(kg/cm)	50	100		100		50	100	
1	0.125			1.784		0.8			2.44
2	0.25	1.776	1.771	1.767	1.6	1.8	2.429	2419	24
3	0.50	1.756	1.746	1.741	3.0	3.3	2.390	2.371	23
4	1.00	1.678	1.618	1.579	10.1	123	2.239	2124	20
5	2.00	1.490	1.400	1.363	22.2	24.3	1.876	1.703	1.6
6	4.00	1.277	1.197	1.171	33.5	34.9	1.465	1,311	1.2
7	8.00	1.120	1.066	1.043	40.8	421	1,162	1.058	1.0
8	4.00	1.050	1.055	1.057	41.4	41.3	1.027	1.037	1.0
9	8.00	1.049	1,042	1.036	421	42.4	1.025	1,012	1.0
10	16.00	0,993	0.952	0.935	47.1	48.0	0.917	0,838	.0.8
11	8.00	0.941	0.946	0.948	47.4	47.3	0.817	0.826	0.8
12	4.00	0.954	0,960	0.963	46.7	46.5	0.842	0.853	0.8
13	1,00	0.990	1.017	1.023	43.5	43.2	0.911	0.963	0.9
	0.50			1.027		42.9			0.9
		1	1 A A						
<u></u>		<u> </u>							
Increm	Vert	Time (minutes)	Coefficient c	Consolidatio	m (cm*/s)	i i i i i i i i i i i i i i i i i i i		
No.	Stress	· <u> </u>			log t	Average	x 10	CR	
	(kg/cm)		50				cm/s	(%)	
1	0.125	4.8	1	0.00232		0.00232	16.57	1	
2	0.25	7.6	1.5	0.00150	0.00173	0.00160	9.36	26	de sue
3	0.50		2.5		0.00100	0.00110	6.25	4.7	
4	1.00		125		0.00018	0.00025	3.80	_25.6	
5	2.00	and the second sec	15.0	and the second sec	0.00012	0.00013	1.88	40.3	
6	4.00		17.0		0.00008	0.00009	0.71	37.5	
7	8.00		10.0	1	0.00010	0.00010	0,29	24.1	
8	4.00		2.8		0.00033	0.00033	0.08	2.0	
9	8.00		2.8		0.00032	0.00038	0.12	2.4	
10	16.00		120		0.00007	0.00009	0.10	16.6	
11	8.00	-	23		0.00032	0.00047	0.04	1.1	
12	4.00		3.0		0,00025	0.00021	0.07	2.5	
12	1.00		18.6		0.00009	0.00007	0.14	10.6	1

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0.50

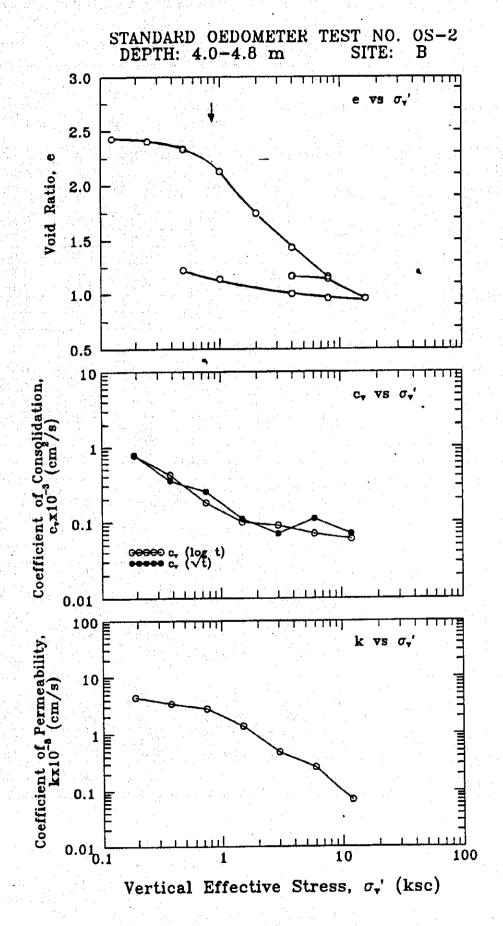
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CONSOLIDATION

		nce in Bangl		40.48	Location: Sample No.	•		Test No.:	OS-2
	e No.:		Depth (m)	4,0-4.0	Tested By:	•	SIH	Date:	18-2-1993
	cription:		0.523	<u></u>	i ested by.				
	of Solids Vert		ht of Samp		Vertical S	train (%)		Void Ratio	
No.	Stress	H	Н	H				•	• • • • • • • • •
NO.	{kg/cm }	• • • • • • • • • • • • •	100		100		50 *	108	
1	0.125	1 794	1.793	1,793	0.3	0.4	2.430	2.428	2.42
2	0.25	1.786	1.780	1.781	1.1	1,1	2415	2.404	2.40
3	0.50	1.761	1.742	1.730	3.2	3.9	2.367	2.331	2.30
4	1.00	1.681	1.634	1.620	. 9,2	9.8	2.214	2.124	2.097
5	2.00	1.528	1.435	1.420	20.3	21.0	1.922	1.744	1.71
6	4.00	1.344	1.271	1.258	29.4	30,1	1.570	1.430	1.40
7	8.00	1.192	1.128	1.119	37.3	37.8	1.279	1.157	1.13
8	4.00	1,126	1.131	1.134	37.1	37.0	1.153	1.163	1.16
9	8.00	1.126	1.118	1.116	37.9	38.0	1.153	1.137	1.13
10	16.00	1.065	1.023	1.014	43.2	43.6	1.036	0.956	0.93
11	8.00	1.019	1.024	1.026	43.1	43.0	0.948	0.959	0.96
12	4.00	1.035	1.048	1.050	41.9	41.7	0.979	1.000	1.00
13	1.00	1.054	1.117	1.125	37.9	37.5	1.015	1.137	1.15
14	0.50	1.145	1.161	1,165	35.5	35.3	1.189	1.219	1.22
						1			
					7 Consolidatio	- 1. 2. A			ана с 19 али
пстеп	1		ninutes)			Average		CR	
No.	Stress 2	 Monormal and the second se second second sec					cm/s	(%)	
	(kg/cm		5 0 2.5	0.00391	0.00106	0.00250	7.79	1	
1	0.125		3.4	0.00078	0.00077	0.00078		24	T ill and a
2	0.25		6.0	0.00035	0.00042	0.00039		7.0	
3			13.0	0.00025	0.00018	0.00021	2.75	20.0	
4	1.00	37,5	13.0	0.00020	0.00010	0.00010		367	

ncrem	∴venc∶∦			· · · · · · · · · · · · · · · · · · ·				
No.	Stress (kg/cm)	1 90	t 50	Л	log t	Average	x 10 cm/s	CR (%)
1	0.125	29	25	0.00391	0.00106	0.00250	7.79	
2	0.25	14.4	3.4	0.00078	0.00077	0.00078	4.43	24
3	0.50	30.3	6.0	0.00035	0.00042	0.00039	3.38	7.0
4	1.00	37.5	13.0	0.00025	0.00018	0.00021	2.75	20.0
5	2.00	64.0	20.0	0.00011	0.00010	0.00010	1.36	36.7
6	4.00	81.0	17.0	0.00007	0.00009	0.00008	0.48	30.3
7	8.00	42.3	17.0	0.00011	0.00007	0.00009	0.26	26.4
8	4.00	123	4.1	0.00037	0.00025	0.00031	0.02	0.6
9	8.00	17.6	3.2	0.00025	0.00033	0.00029	0.09	24
10	16.00	49.0	16.0	0.00007	0.00006	0.00006	0.07	17.6
11	8.00	25,0	6.5	0.00015	0.00013	0.00014	0.01	0.3
12	4.00	36.0	9.0	0.00011	0.00010	0.00010	0.05	6.3
-13	1.00	92.2	26.0	0.00005	0.00004	0.00004	0.09	13.3
14	0.50	240.3	60.0	0.00002	0.00002	0.00004	0.29	8.1
•••					The state			
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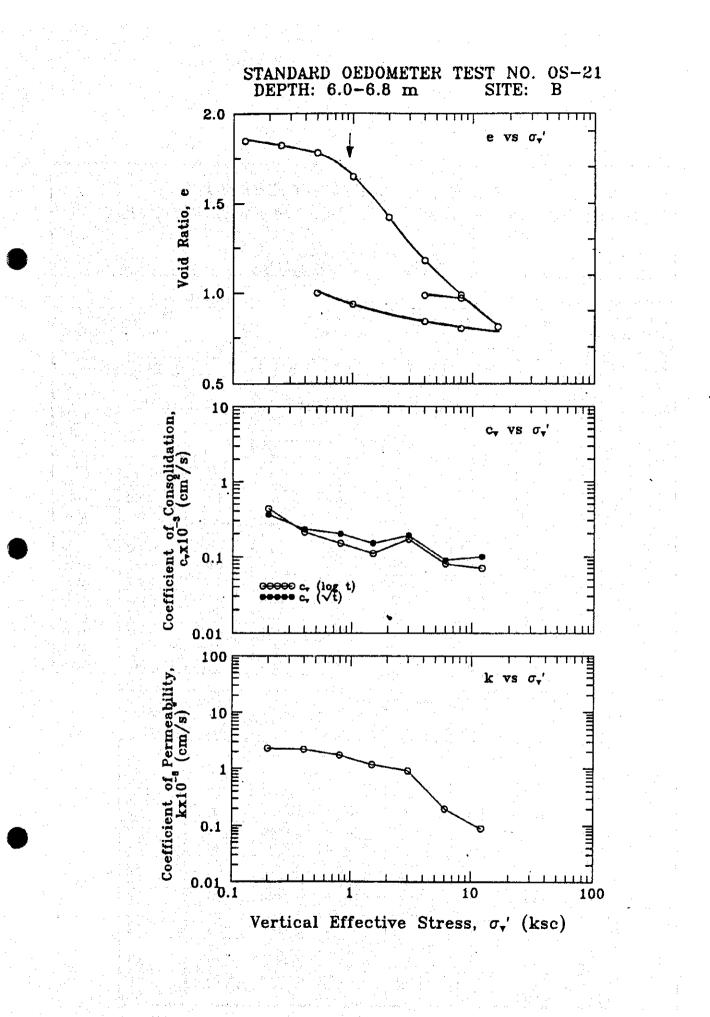


CONSOLIDATION

Project	Subsider	nce in Bang	kok Vicinity		Location:	$(x_1, \dots, x_n)^{-1}$	Samut Sakhon			
Boreho	le No.:	B	Depth (m) _(6.0-6.8	Sample N			Test No.:	OS-21	
Soil De	scription:				Tested By:		SIH	Date:	18-2-1993	
Height	of Solids ((Hs) :	0.622	°m						
Increm	Vert.	Heig	ht of Sampl	e (cm)	Vertical S	train (%)	Void Rat		.	
No.	Stress (kg/cm ³)	H 80	H 100	H.	¢ 100	e. 1	e 50	e 106	•	
1	0.125			1.770		6.8			1.846	
2	0.25	1.763	1.757	1.750	7.5	7.9	1.834	1.825	1.814	
3	0.50	1.785	1.727	1.714	9.1	9.8	1.870	1.777	1.750	
4	1.00	1.682	1.645	1.630	13.4	14.2	1.704	1.645	1.621	
5	2.00	1.568	1.505	1.477	20.8	22.3	1.521	1.420	1.375	
6	4.00	1.917	1.356	1.334	28.6	29.8	2.028	1.180	1.145	
7	8.00	1.285	1.237	1.218	34.9	35.9	1.066	0.989	0.958	
8	4.00	1.230	1.236	1.239	34.9	34.8	0.977	0.987	0.992	
9	2.00									
10	4,00									
-11	8.00	1.232	1.226	1.219	35.5	35.8	0.981	0.971	0.960	
. 12	16.00	1.168	1.126	1.108	40.7	41.7	0.878	0.810	0.781	
13	8.00	1.115	1.120	1.123	41.1	40.9	0.793	0.801	0.805	
14	4.00	1.135	1.144	1.148	39.8	39.6	0.825	0.839	0.846	
15	1.00			1.240		39,6			0.936	
16	0.50			1.244		34.5			1.000	

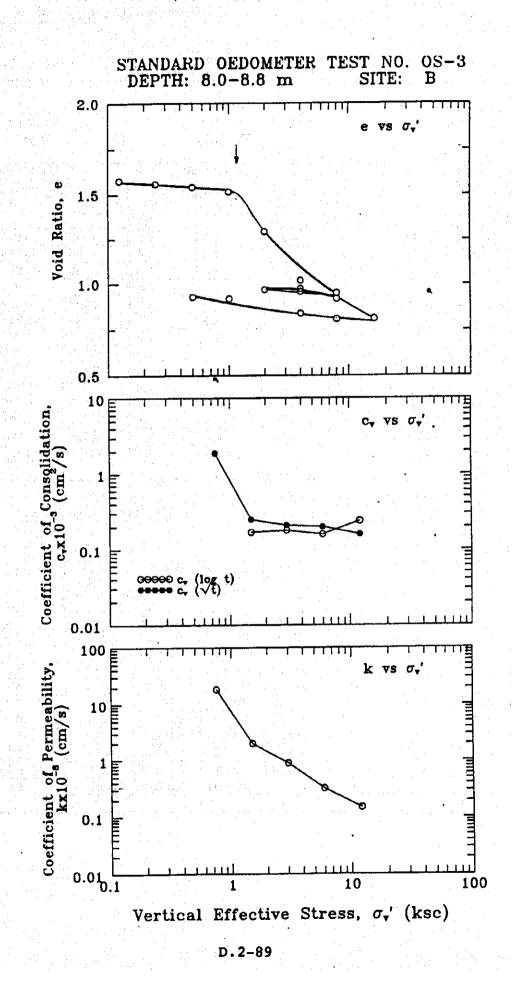
Increm	Vert	Time (n	Hnutes)	Coefficient of	Consolidatio	in (cm ²/s)	Second Kenned		
No,	Stress (kg/cm ²)	t 90	t 50	A	log t	Average	x 10 ⁻⁶ cm/s	CR (%)	
1	0.125	6.3			فيتماما متجاول فتضاعاته				
2	0.25	30.3	6.0	0.00036	0.00043	0.00039	230	22	
3	0.50	49.0	125	0.00023	0.00021	0.00032	2.20	5.3	
4	1.00	49.0	15.0	0.00020	0.00015	0.00018	1.75	14.3	
_ 5	2.00	56.3	18.0	0.00015	0.00011	0.00013	1.18	24.6	
6	4.00	69.4	18.0	0.00019	0.00017	0.00018	0.92	25.9	
_ 7	8.00	64.0	17.0	0.00009	0.00008	0.00009	0.20	20.9	
8	4.00	20.3	5.0	0.00026	0.00025	0.00026	0.10	3.3	
9	2.00								
10	4.00					· · · · ·			
11	8.00	16.0	4.6	0.00034	0.00027	0.00030	0.06	20	
12	16.00	49.0	15.0	0.00010	0.00007	0.00009	0.09	17.3	
13	8.00	20.3	4.5	0.00022	0.00023	0.00022	0.03	1.9	
14	4.00	42.0	12.5	0.00011	0.00008	0.00010	0.05	4.3	
15	1.00							4.0	
16	0.50				· · · · · ·				





CONSOLIDATION

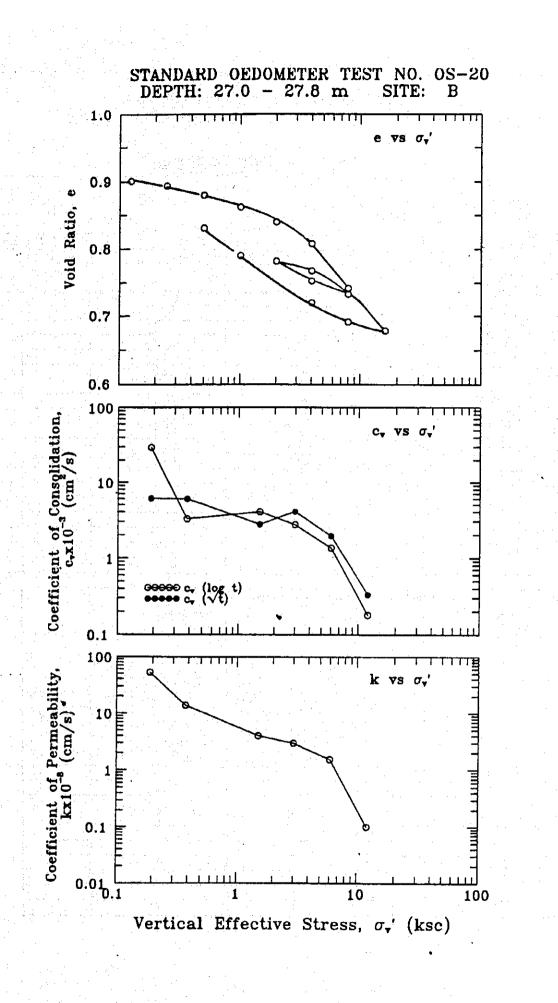
		ence in Ban			Location:		Samut Sak		
	le No.:	B	Depth (m)	8.0-9.0	Sample N	and the second		Test No.:	
	scription		0.74.00		Tested By	•	SIH	Date:	18-2-1993
	of Solids		0.7198 ght of Sam	cm		CALLER AND AND		The state of the last	
No.	Stress	H	yni or sam H		verucai	Strain (%)		Void Ratio	
ITL	(kg/cm)		100		100		e 50	e 100	
1	0.125			1.856		23			1.578
2	0.25			1.842		3.1			1.559
3	0.50			1.830		3.7			1.542
4	1.00	1.830	1.810	1.790	4.7	5.8	1.542	1.515	1.487
5	2.00	1.719	. 1,650	1,622	13.2	14.6	1.388	1.292	1.253
6	4.00	1.563	1.505	1.493	20.8	21.4	1.171	1.019	1.074
7	8.00	1.448	1.405	1.388	26.2	26.9	1.120	0.949	0.928
8	4.00	1.430	1.420	1.399	25.3	26.4	0.987	0.973	0.944
9	2.00	1.407	1.416	1.421	25.5	25.2	0.955	0.967	0.974
10	4.00	1.414	1,409	1.407	25.8	25.9	0.964	0.957	0.955
11	8.00	1.394	1.380	1.373	27,4	27.7	0.937	0.917	0.907
12	16.00	1.338	1.302	1.292	31.5	32.0	0.859	0.809	0.795
13	8.00	1.296	1.301	1.301	31.5	31.5	0.801	0.807	0.807
14	4.00	1.313	1,322	1.223	30.4	35.6	0.824	0.837	0.699
15	1.00	1.353	1.380	1.286	27.4	39.6	0,880	0.917	0.936
16	0.50	1.360	1.387	1.417	27.0	25.4	0.889	0.927	0.969
					÷				
ncrem	Vert.	Time (minutes)	Coefficient o	Consolidatio	n (cn ² /s)	e e keres		
No.	Stress		: :	, F	log t	Average	x 10	CR	
	(ka/cm)	90	50				cm/s	(%)	
1	0.125	2.9				and the second			
2	0.25	3.5	·					24	
3	0.50	4.3						21	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -
	1.00	6.3		0.00189		0.00189	18.45	15.6	1
5	2.00	41.3	14.0	0.00025	0.00017	0.00021	2.00	28.2	
6	4.00	41.3	11,0	0.00021	0.00018	0.00020	0.90	25.2	1
7	8.00	37.2	10.5	0.00020	0.00016	0,00018	0.32	17.9	1 - E - E
8	4.00	24	8.0	0.00297	0.00021	0.00159	0.48	3.0	
9	2.00	11.8	5.5		0.00030	0.00044	0.26	2.9	
10	4.00	.14,4	4.3	H	0.00038	0.00044	0.09	1.0	
11	8.00	6.7	3.4	0.00103	0.00047	0.00075	0.41	5.3	l ^{la st}
12	16.00	39.1	6.0	0.00016	0.00024	0.00020	0.15	13.6	
13	8.00	21	2.3	0.00281	0.00060	0.00171	0.16	1.7	
14	4.00	2.6	5.0	0.00238	0.00028	0.00133	0.53	3.7	the task is
15	1.00	25.0	22.0	0.00026	0.00007	0.00016	0.23	5.0	
16	0,50	361.0	l					1.2	t in the second



CONSOLIDATION

leight of Solids (Hs): 0.9984 cm Increm Vert. Height of Sample (cm) Vertical Strain (%) Void Rat No. Strass H H H e		Test No.:		· · · · · · · · · · · · · · · · · · ·		27.0-27.8	Depth (m)			
Increm Vert. Height of Sample (cm) Vertical Strain (%) Void Rat No. Stress H H H e e e e 1 0.125 100 1 109 1 60 100 1 60 100 1 60 100 1 60 100 1 60 100 1 60 100 1 60 100 100 1 60 100 100 1 60 100 100 1 60 100 100 1 60 100 1.898 0.1 100 1.893 0.50 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.897 0.893 0.893 0.893 0.893 0.893 0.893	18-2-1993	Date:	SIH	6	Tested By					
No. Stress H H H H E * e e e 1 0.125 100 1 1898 0.1 100 1 100 1 50 100 1 100 1 50 100 1 100 1 50 100 1 100 1 50 100 1 100 1 50 100 1 100 1 50 100 1 100 1 50 100 1 50 100 1 50 100 1 50 100 1 50 1.89 1.899 0.5 0.6 0.897 0.894 0.794 0.794				. · · · · · · · · · · · · · · · · · · ·						
(hg/em) 50 100 f 100 f 60 100 1 0.125 1.894 1.891 1.898 0.1	0	Vold Ratio		Strain (%)	Vertical					
2 0.25 1.894 1.891 1.889 0.5 0.6 0.897 0.894 3 0.50 1.882 1.877 1.875 1.2 1.3 0.885 0.894 4 1.00 1.865 1.859 1.856 2.2 2.3 0.868 0.865 5 2.00 1.846 1.837 1.833 3.3 3.5 0.849 0.844 6 4.00 1.819 1.805 1.799 5.0 5.3 0.822 0.800 7 8.00 1.766 1.739 1.731 8.5 8.9 0.769 0.744 8 4.00 1.740 1.750 1.751 7.9 7.8 0.743 0.753 9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.764 10 4.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.6										Na.
3 0.50 1.882 1.877 1.875 1.2 1.3 0.885 0.884 4 1.00 1.865 1.859 1.856 2.2 2.3 0.868 0.865 5 2.00 1.846 1.837 1.833 3.3 3.5 0.849 0.844 6 4.00 1.819 1.805 1.799 5.0 5.3 0.822 0.800 7 8.00 1.766 1.739 1.731 8.5 8.9 0.769 0.743 8 4.00 1.740 1.750 1.751 7.9 7.8 0.743 0.753 9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.763 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.763 11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.702 1.	0.901			0.1		1.898			0.125	1
4 1.00 1.865 1.859 1.856 2.2 2.3 0.868 0.863 5 2.00 1.846 1.837 1.833 3.3 3.5 0.849 0.844 6 4.00 1.819 1.805 1.799 5.0 5.3 0.822 0.800 7 8.00 1.766 1.739 1.731 8.5 8.9 0.769 0.743 8 4.00 1.740 1.750 1.751 7.9 7.8 0.743 0.753 9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.783 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.763 11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.675 1.669 11.8 12.2 0.703 0.674 13 8.00 1.679 <td< td=""><td>0.892</td><td>0.894</td><td>0.897</td><td>0.6</td><td>0.5</td><td>1.889</td><td>1.891</td><td>1.894</td><td>0.25</td><td>2</td></td<>	0.892	0.894	0.897	0.6	0.5	1.889	1.891	1.894	0.25	2
5 2.00 1.846 1.837 1.833 3.3 3.5 0.849 0.844 6 4.00 1.819 1.805 1.799 5.0 5.3 0.822 0.800 7 8.00 1.766 1.739 1.731 8.5 8.9 0.769 0.743 8 4.00 1.740 1.750 1.751 7.9 7.8 0.743 0.753 9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.783 9 2.00 1.765 1.763 7.1 7.2 0.776 0.763 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.763 11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.675 1.669 11.8 122 0.703 0.674 13 8.00 1.679 1.688	0.878	0.880	0.885	1.3	1.2	1.875	1.877	1.882	0.50	3
6 4.00 1.819 1.805 1.799 5.0 5.3 0.822 0.800 7 8.00 1.766 1.739 1.731 8.5 8.9 0.769 0.743 8 4.00 1.740 1.750 1.751 7.9 7.8 0.743 0.753 9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.783 9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.783 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.763 11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.675 1.669 11.8 122 0.703 0.674 13 8.00 1.679 1.688 1.689 11.2 11.1 0.682 0.693 14 4.00 1.753 <	0.859	0.862	0.868	23	2.2	1.856	1,859	1.865	1.00	.4
7 8.00 1.766 1.739 1.731 8.5 8.9 0.769 0.743 8 4.00 1.740 1.750 1.751 7.9 7.8 0.743 0.755 9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.783 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.763 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.763 11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.675 1.669 11.8 12.2 0.703 0.674 13 8.00 1.679 1.688 1.689 11.2 11.1 0.682 0.693 14 4.00 1.702 1.717 1.719 9.6 9.5 0.705 0.726 15 1.00 1.753	0.836	0.840	0.849	3.5	3,3	1.833	1.837	1.846	2.00	5
8 4.00 1.740 1.750 1.751 7.9 7.8 0.743 0.755 9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.785 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.785 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.785 11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.675 1.669 11.8 12.2 0.703 0.674 13 8.00 1.679 1.688 1.689 11.2 11.1 0.682 0.695 14 4.00 1.702 1.717 1.719 9.6 9.5 0.705 0.726 15 1.00 1.753 1.787 1.792 5.9 5.7 0.756 0.796	0.802	0.808	0.822	5.3	5.0	1.799	1.805	1.819	4.00	6
9 2.00 1.766 1.779 1.714 6.4 9.8 0.769 0.783 10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.769 11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.675 1.669 11.8 122 0.703 0.674 13 8.00 1.679 1.688 1.689 11.2 11.1 0.682 0.694 14 4.00 1.702 1.717 1.719 9.6 9.5 0.705 0.724 15 1.00 1.753 1.787 1.792 5.9 5.7 0.756 0.794	0.734	0.742	0.769	8.9	8.5	1.731	1.739	1.766	8.00	7
10 4.00 1.773 1.765 1.763 7.1 7.2 0.776 0.766 11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.675 1.669 11.8 122 0.703 0.676 13 8.00 1.679 1.688 1.689 11.2 11.1 0.682 0.697 14 4.00 1.702 1.717 1.719 9.6 9.5 0.705 0.720 15 1.00 1.753 1.787 1.792 5.9 5.7 0.756 0.796	0.754	0.753	0.743	7.8	7.9	1.751	1.750	1.740	4.00	8 .
11 8.00 1.745 1.730 1.727 8.9 9.1 0.748 0.733 12 16.00 1.700 1.675 1.669 11.8 12.2 0.703 0.674 13 8.00 1.679 1.688 1.689 11.2 11.1 0.682 0.694 14 4.00 1.702 1.717 1.719 9.6 9.5 0.705 0.724 15 1.00 1.753 1.787 1.792 5.9 5.7 0.756 0.794	0.717	0.782	0.769	9.8	6.4	1.714	1.779	1.766	200	9
12 16.00 1.700 1.675 1.669 11.8 12.2 0.703 0.674 13 8.00 1.679 1.688 1.689 11.2 11.1 0.682 0.694 14 4.00 1.702 1.717 1.719 9.6 9.5 0.705 0.724 15 1.00 1.753 1.787 1.792 5.9 5.7 0.756 0.794	0.766	0.768	0.776	7.2	7.1	1.763	1.765	1.773	4.00	10
13 8.00 1.679 1.688 1.689 11.2 11.1 0.682 0.69 14 4.00 1.702 1.717 1.719 9.6 9.5 0.705 0.720 15 1.00 1.753 1.787 1.792 5.9 5.7 0.756 0.790	0.730	0.733	0.748	9.1	8.9	1.727	1.730			11
14 4.00 1.702 1.717 1.719 9.6 9.5 0.705 0.720 15 1.00 1.753 1.787 1.792 5.9 5.7 0.756 0.790	0.672	0.678	0.703	122	11.8	1.669	1.675	1.700		12
15 1.00 1.753 1.787 1.792 5.9 5.7 0.756 0.790	0.692	0.691	0.682	11.1	11.2	1.689				13
	0.722	0.720	0.705	9.5	9.6					
16 0.50 1.828 3.8	0.795	0.790	0.756	5.7	5.9	1.792	1.787	1.753	1.00	15
	0.831			3.8		1.828			0.50	16
ncrem Vert: Time (minutes) Conticient of Consolidation (cm2/e)				n (cm²/s)	Consolidatio	Coefficient of	ninutes)	Time (n	Vert	ncrem

increm	vert 1	·····)me.(THRUTES)	Coefficient o	f Consolidatio	in (om¥/s)	a de la constanción d	
No.	Stress (kg/cm [*])	1 10	t 50	Л	log t	Average	x 10 ^{- 8} cm/s	CR (%)
1	0.125							
2	0.25	21	0.1	0.00604	0.02945	0.01774	52.44	1.2
3	0.50	21	0.9	0.00596	0.00323	0.00459	13.66	2.4
4	1.00	* .						3.1
5	200	4.4	0.7	0.00274	0.00400	0.00337	4.01	3.8
6	4.00	29	1.0	0.00403	0.00272	0.00337	2.96	5.6
7	8.00	5.7	1.9	0.00193	0.00135	0.00164	1.53	11.5
8	4.00	17.7	4.5	0.00060	0.00055	0.00058	0.16	3.3
9	2.00	25.0	10.0	0.00044	0.00026	0.00035	0.29	5.1
10	4.00	16.1	3.0	0.00069	0.00086	0.00077	0.31	24
11	8.00	16.8	3.9	0.00064	0.00064	0,00064	0.32	6.1
12	16.00	31.4	13.0	0.00033	0.00018	0.00025	0.10	9.6
13	8.00	22.7	11.5	0.00044	0.00020	0.00032	0.05	3.3
14	4.00	52.3	14.0	0.00020	0.00017	0.00018	0.08	5.1
15	1.00	96.0	30,0	0.00011	0.00008	0.00010	0.13	6.1
16	0.50							

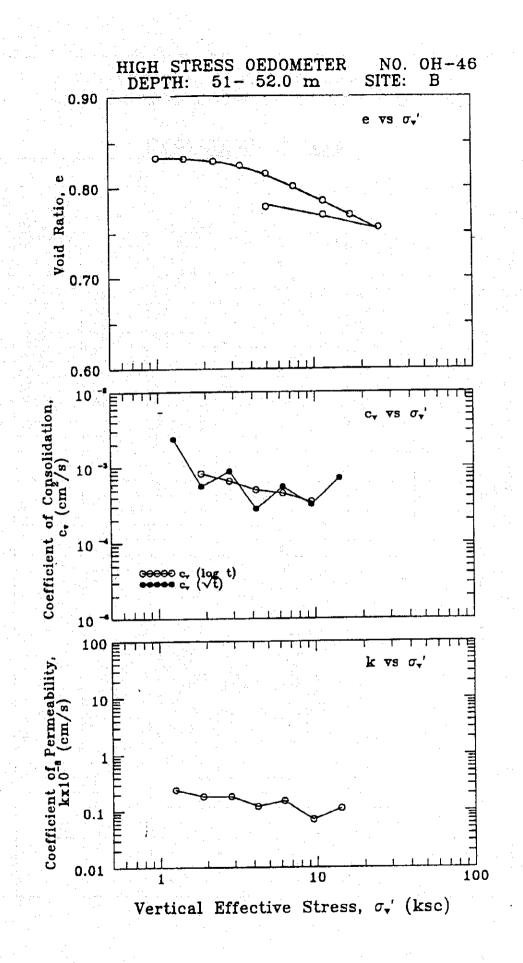


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CONSOLIDATION

Borehole Soil Desc	No.: pription:	nce in Bangl B	_ Depth (m)	51-52	Sample No. Tested By:			Test No.: Date:	OH-46 5-93
Height of	f Solids (†		1.092	¢m	Height of Sar			2.010	cm
increm.	Vert.		ht of Sample	A	Vertical St	rain (%)		Void Ratio	
No.	Stress (kg/cm ²)	H so	Η ₁₀₀	H	6 100	• • • • •	e 50	e 100	e _f
1	0.1			2.004		0.3	1		0.835
2	1.0			2.002		0.4			0.833
3	1.5			2.001		0.4			0.832
4	2.3			1,997		0.6			0.829
5	3.4			1.992		0.9			0.824
6	5.0			1.982		1.4			0.81
7	7.5			1.967		2.1			0.80
8	11.5			1.950		3.0			0.785
9	17.0			1.932		3.9			0.770
10	25.6		-	1,918		4.6			0.75
11	11.5			1.933		3.9			0.770
12	5.0		1.943	1.944	3.4	3.3	I	0,779	0.780
13	11.5							1 	
14	25.6								
15	38.5								
16	60.0								
17	25.6								
18	5.0		1				1		
19	1.0				1		1		

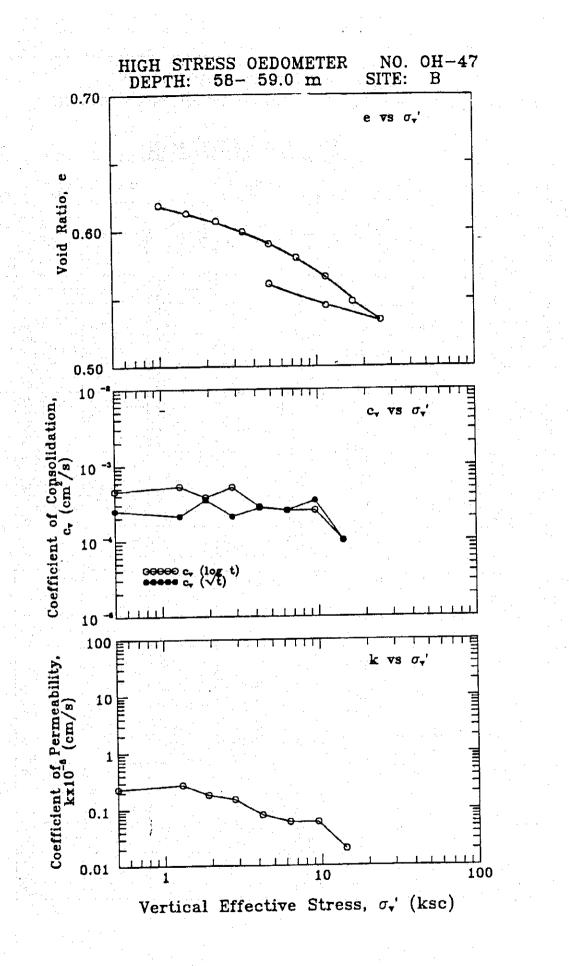
Increm.	· Vert.	Time (mir	utes)	Coefficient of C	Consolidation (c	к _{.в}		
No.	Stress (kg/cm ²)	t 90	t .50	_/t	log t.	Average	x 10 cm/s	CR (%)
1	0.1							
2	1.0				and a second second			0.1
3	1.5	6.0		0.00236		0.00236	0.24	0.3
4	2.3	25.0	4.0	0.00056	0.00082	0.00069	0.18	1.1
5	3.4	16.0	5.0	0.00088	0.00065	0.00076	0.18	1.5
6	5.0	49.0	6.5	0.00028	0.00050	0.00039	0.12	2.8
7	7.5	25.0	7.0	0.00055	0.00045	0.00050	0.15	4.2
8	11.5	42.3	9.0	0.00032	0.00035	0.00033	0.07	4.7
9	17.0	18.5		0.00071		0.00071	0.11	5.0
10	25.6							4.0
11	11.5							2.1
12	5.0							1.5
13	11.5							
14	25.6				· ·			
15	38.5		<i>I</i>			·	1. A.	
16	60.0							
17	25.6							
18	5.0				:.			
19	1.0							



CONSOLIDATION

Borehole		e in Bangko 3	Depth (m)	58-59	Location: Sample No.:		1425	Test No.:	OH-47	
Soil Description:				Tested By:		SIH	Date:	5-93		
	f Solids (Hs	s) :	1.219	cm	Height of Sam	ple (Hi) :		2.000	cm	
Increm.	Vert.	Heigh	t of Sample	(ст)	Vertical Str			Void Ratio		
No.	Stress (kg/cm ²)	H _{so}	H ₁₀₀	H 1	* 190	e f	e so	e 100	e ,	
1	0.1	:	i e de la companya d	1.986		0.7		5	0.629	
2	1.0	1.978	1.974	1.973	1.3	1.3	0.623	0.619	0.619	
3	1.5	1.968	1.966	1.966	1.7	1.7	0.615	0.613	0.613	
4	2.3	1.961	1.958	1.958	2.1	2.1	0.608	0.607	0.606	
5	3.4	1.952	1.949	1.948	2.5	2.6	0.601	0.599	0.598	
6	5.0	1.942	1.939	1.938	3.1		0.593	0.590	0.590	
7	7.5	1.930	1.927	1.925	3.7	3.8	0.583	0.580	0.579	
8	11.5	1.915	1.909	1.908	4.5	4 6	0.571	0.566	0.565	
9	17.0	1.895	1.888	1.885	5.6	5.8	0.555	0.548	0.546	
10	25.6		-	1.870	· ·	6.5			0.534	
11	11.5			1.683		5.9			0.545	
12	5.0			1.903		4.9			0.561	
13	11 5								h	
14	25.6									
15	38.5		•					· · · · · · · · · · · · · · · · · · ·		
16	60.0									
17	25.6			· · · · · · · · · · · · · · · · · · ·						
18	5.0					·····				
19	1.0									

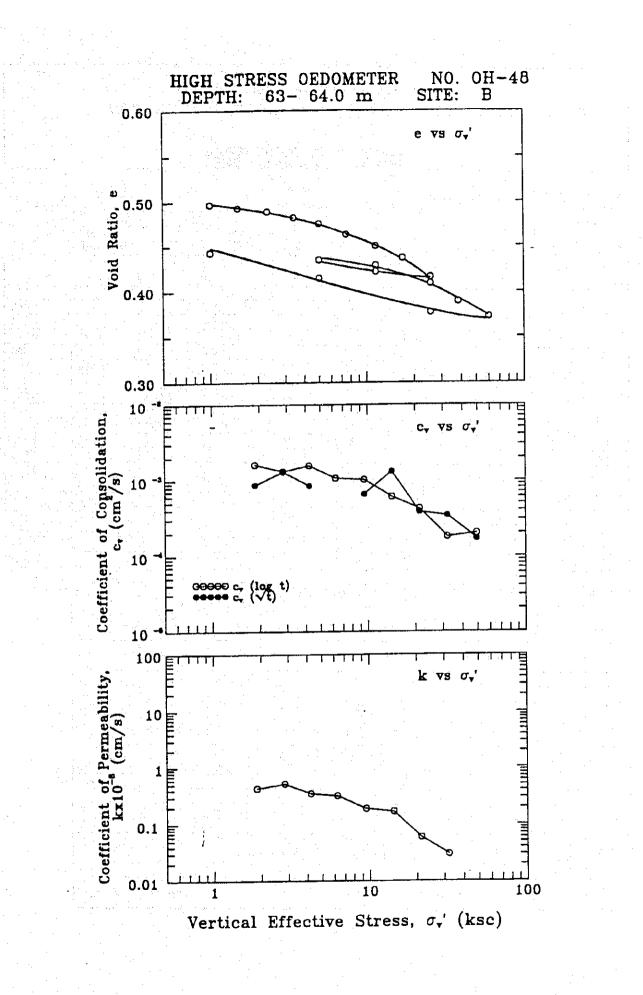
íncrem. No.	VerL	Vert. Time (minutes)		Coefficient of C	ionsolidation (c	k _8		
	Stress (kg/cm ²)	t 90	t 50	√t	log t	Average	x 10 cm/s	CR (%)
1	0.1							
2	1.0	55.2	7.0	0.00025	0.00046	0.00035	0.23	0.5
3	1.5	64.0	6.0	0.00021	0.00053	0.00037	0.27	2.2
4	2.3	39.1	8.2	0.00035	0.00038	0.00037	0.18	2.2
5	3.4	64.0	6.0	0.00021	0.00052	0.00037	0.15	2.6
6	5.0	49.0	11.0	0.00027	0.00028	0.00028	0.08	3.0
7	7.5	52.6	12.0	0.00025	0.00025	0.00025	0.06	3.5
8	11.5	38.4	12.0	0.00034	0.00025	0.00029	0.06	4.7
9	17.0	121.0	30.0	0.00010	0.00010	0.00010	0.02	6.3
10	25.6							4.2
11	11.5							1.8
12	5.0							2.7
13	11.5							
14	25.6							
15	38.5		}					
16	60.0			· · · · · · · · ·				
17	25.6							
18	5.0							
19	1.0					· · · ·		All and a second



CONSOLIDATION

		nce in Bangkol		62.64	Location:		AIT	T	011.40
Borehole No.: B Depth (m) <u>63-64</u> Soil Description:		Sample No.:		SIH	Test No.:	OH-48 5-93			
		<u></u>						Tested By:	
	f Solids (H		1.328	cm	Height of Sam			2.000	¢m
Increm.	Vert.	Height of Sample (cm)			Vertical Str	ain (%)	Void Ratio		
No.	Stress (kg/cm ²)	H _{so}	H ₁₀₀	H	6 ₁₀₀	f.	e 50	e 100	e t
1	0.1			1.999		0.0			0.505
2	1.0		1	1.988		0.6			0.497
S	1.5			1,983		0.9			0.49
4	2.3	1.988	1.978	1,977	1.1	11	0,497	0.489	0.48
5	3.4	1.970	1.968	1.968	1.6	1.6	0.484	0.482	0.48
6	5.0	1.961	1.959	1.958	2.1	2.1	0.477	0.475	0.47
7	7.5	1.947	1.944	1.943	2.8	2.9	0.466	0.463	0.46
8	11.5	1.932	1.925	1.928	3.7	3.6	0.455	0.450	0.45
9	17.0	1.914	1.909	1.906	4.6	4.7	0.441	0.437	0.43
10	25.6	1.888	1.880	1.878	6.0	6.1	0.422	0.416	0.41
11	11.5		1.888	1.889	5.6	5.6	1 · · · ·	0.422	0.42
12	5.0		1.906	1.907	4.7	4.7		0.435	0.43
13	11.5		1.898	1.898	5.1	5.1		0.429	0,42
. 14	25.6		1.872	1.870	6.4	6.5		0.409	0.40
15	38.5	1,853	1.844	1.843	7.8	7.9	0.395	0.389	0.38
16	60.0	1.832	1.822	1,819	8.9	9.1	0.379	0.372	0.36
17	25.6		1.828	1.829	8.6	8.6		0.377	0.37
18	5.0		1.879	1.880	6.1	6.0		0.415	0.41
19	1.0		1.916	1.920	4.2	4.0		0.443	0.44

Increm. No.	Vert. Stress (kg/cm ²)	Time (minutes)		Coefficient of C	Consolidation (ci	. к ₋₈		
		t 90	t ₅₀	√t	log t	Average	x 10 cm/s	CR (%)
1	0.1			1				
2	1.0	the state of the					. 7414	0.5
3	1.5							1.4
4	2.3	16.0	. 2.0	0.00087	0.00162	0.00125	0.43	1.5
5	3.4	10.6	2.4	0.00130	0.00133	0.00131	0.52	2.5
6	5.0	16.0	2.0	0.00085	0.00158	0.00121	0.35	2.8
7	7.5		2.9		0.00107	0.00107	0.32	4.4
.8	11.5	20.3	3.0	0.00065	0.00102	0.00084	0.19	4.9
9	17.0	9.8	5.0	0.00132	0.00060	0.00096	0.17	4.9
10	25.6	33.1	7.0	0.00038	0.00042	0.00040	0.06	8.1
11	11.5							1.6
12	5.0							2.5
13	11.5							1.1
14	25.6							3.8
15	38.5	36.0	,16.0	0.00034	0.00018	0.00026	0.03	7.8
16	60.0	68.1	14.0	0.00017	0.00020	0.00019	0.01	5.7
17	25.6							1.4
18	5.0				Î			3,6
19	1.0							2.9

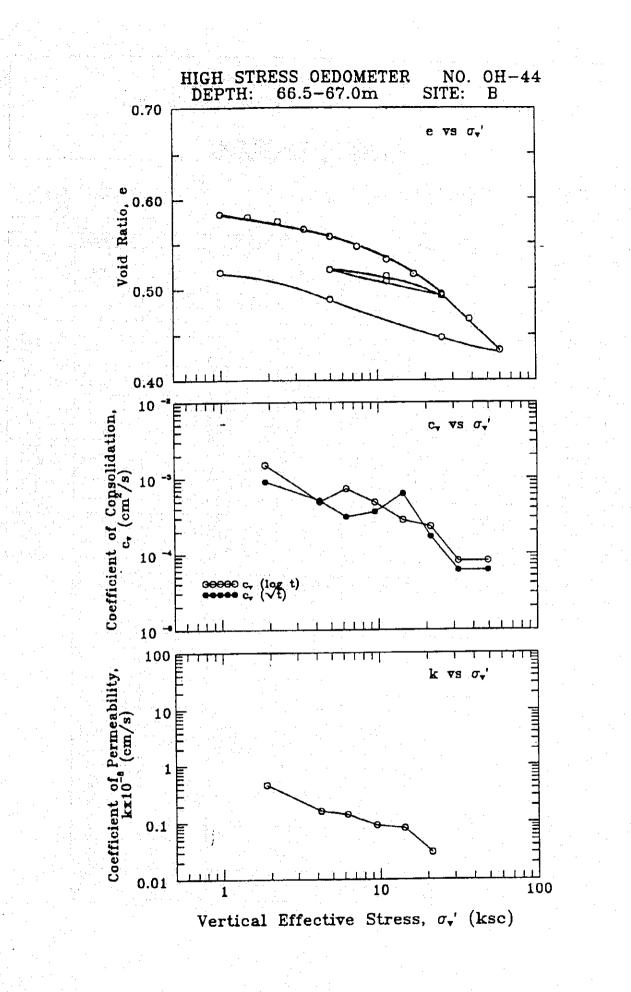


CONSOLIDATION

Borehole	No.:	B	Depth (m)	66.5-67	Sample No.:	المراجع والمراجع		Test No.:	OH-44
Soil Desc	ription:				Tested By:		SIH	Date:	5-93
	Solids (⊢	is) :	1.212	cm	Height of Sam	ple (Hi) :		1.930	cm
Increm.	Vert.		t of Sample	(cm)	Vertical Stra	ain (%)		Void Ratio	
No.	Stress (kg/cm [*])	H 50	H 100	H	С 100	е 1	e so	e 100	e
1	0.1			1.924		0.3			0.587
2	1.0			1.918		0.6			0.583
3	1.5		1	1.915		0.8			0.580
. 4	2.3	1.911	1.909	1.908	1.1	1.1	0.577	0,575	0.574
- 5	3.4			1.898		1.7			0.566
6	5.0	1.892	1.888	1.887	2.2	2.2	0.561	0.558	0.557
7	7.5	1.879	1.875	1.875	2.8	2.9	0.551	0.547	0.547
8	11.5	1.864	1.858	1.857	3.7	3.8	0.538	0.533	0.532
9	17.0	1.845	1.838	1.836	4.8	4.9	0.522	0.517	0.515
10	25.6	1.821	1.812	1.811	6.1	6.2	0.502	0.495	0.494
11	11.5		1.829	1.829	5.3	5.3		0.509	0.509
12	5.0	f	1.844	1.845	4.4	4 4		0.522	0.522
13	11.5		1.836	1.836	4.9	4.9		0.515	0.514
14	25.6		1.809	1.808	6.3	6.3		0.493	0.492
15	38.5	1.789	1,778	1.774	7.9	6.1	0.476	0.467	0.463
16	60.0	1.752	1.737	1.732	10.0	10.3	0.446	0.433	0.429
17	25.6		1,754	1.754	9.1	9.1		0.447	0.447
18	5.0			1.805		6.5			0.489
19	1.0			1.842		4.6			0.519

increm.	Vert.	Time (mini	ites)	Coefficient of (Consolidation (c	an [‡] /s)	K -8	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
No.	Stress (kg/cm ²)	t	t 50	_/t	log t	Average	x 10 ⁻⁹ cm/s	CR (%)
1	0,1							(14)
2	1.0							0.3
3	1.5	÷						0.9
4	2.3	14.4	2.0	0.00090	0.00150	0.00120	0.46	2.0
5	3.4							2.9
6	5.0	25.0	6.0	0.00051	0.00049	0.00050	0,16	3.3
7	7.5	40.0	4.0	0.00031	0.00072	0.00052	0.14	3.8
8	11.5	34.5	6.0	0.00036	0,00048	0.00042	0.09	4.7
9	17.0	19.4	10.0	0.00062	0.00028	0.00045	0.08	6.1
10	25.6	70.0	12.0	0.00017	0.00023	0.00020	0.03	7.5
11	11.5							2.6
12	5.0			, in the second s				2.4
. 13	11.5							1.2
14	25,6							4.(
_ 15	38,5	177.8	35.0	0.00006	0.00008	0.00007	0.01	9.
16	60.0	186.8	30.0	0.00006	80000.0	0.00007	0.01	11.2
17	25.6							3.1
18	5.0							3.7
19	1.0						1	2.7





CONSOLIDATION

Borehole		nce in Bangko B	Depth (m)	75,3-75,7	Sample No.			Test No.:	OH-29
	ription:				Tested By:		SIH	Date:	5-93
	Solids (F		1.406	cm	Height of Sar	nple (Hi) :	ea Sector	2.012	cm
ncrem.	Vert.	Heigh	t of Sample	cm)	Vertical St	rain (%)		Void Ratio	
No.	Stress	н	H	H	E	6.6	e	e	19. e _ 11
	(kg/cm ²)	50 ⁻	100, 1		100	1	50	100	t t
1	0.1	1						<u> </u>	
2	1.0								
3	1.5								
4	2.3						1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		· ·
5	3.4			2.012	· .				0.43
6	5.0			2.011		0.0			0.43
7	7.5			2.006		0.3			0.42
8	11.5	1.991	1.981	.1,968	1.5	2.2	0.416	0.409	0.39
9	17.0	1.947	1,939	1,939	3.6	3.6	0.385	0.379	0.37
10	25.6			1.918		4.7			0.36
11	11.5	1.925	1.932	1.941	4.0	3.5	0.369	0.374	0.38
12	5.0	1		1.983		1.5			0.41
13	11.5	1.974	1.965	1. 96 4	2.3	2.4	0.404	0.398	0.39
14	25.6	1.942	1.920	1.914	4.6	4.9	0.381	0.366	0.36
15	38.5		•	1,885		6.3			0.34
16	60.0			1.842		8.5			0.31
17	25.6	1.851	1.860	1.861	7.5	7.5	0.317	0.323	0.32
18	5.0			1.935		3.8			0.37
19	1.0			1,965		2.3	<u></u>		0.39
								4	.
ncrem.	Vert:	Time (m	7		Consolidation (c		KB		
No.	Stress	t	t	<u>/t</u>	log t	Average	x 10 ⁻⁸	CR	· ·
	(kg/cm ²)	90	50	l			cm/s	(%)	
1	0.1		·		ee ee		16 J. C.		4
2	1.0			ļ					4
3	1.5	1						Į	- ·
4	2.3		ļ	ļ					
5	3.4	<u> </u>	<u> </u>	<u> </u>	·				- 1 i ka
6	5.0	1	ļ	Į	ļ			0.3	
7	7.5	<u> </u>	L	1			0.40	1.3	4 19 8 8 8
		18,9	1.6	0.00074	0.00181	0.00127	0.40	10.4	- · ·
8	11.5			1					
	17.0	20.0	4.0	0.00067	0.00078	0.00072	0,19	12.3	-
8 9 10	17.0 25.6			0.00067	0.00078	0.00072	0,19	5.8	
8 9 10 11	17.0 25.6 11.5			0.00067	0.00078	0.00072	0,19	5.8 3.3	-
8 9 10 11 12	17.0 25.6 11.5 5.0			0.00067	0.00078	0.00072	0,19	5.8 3.3 5.7	
8 9 10 11 12 13	17.0 25.6 11.5 5.0 11.5			0.00067	0.00078	0.00072	0,19	5.8 3.3 5.7 2.6	
8 9 10 11 12	17.0 25.6 11.5 5.0 11.5 25.6			0.00067	0.00078	0.00072	0,19	5.8 3.3 5.7 2.6 6.4	
8 9 10 11 12 13	17.0 25.6 11.5 5.0 11.5			0.00067	0.00078	0.00072	0.13	5.8 3.3 5.7 2.6	

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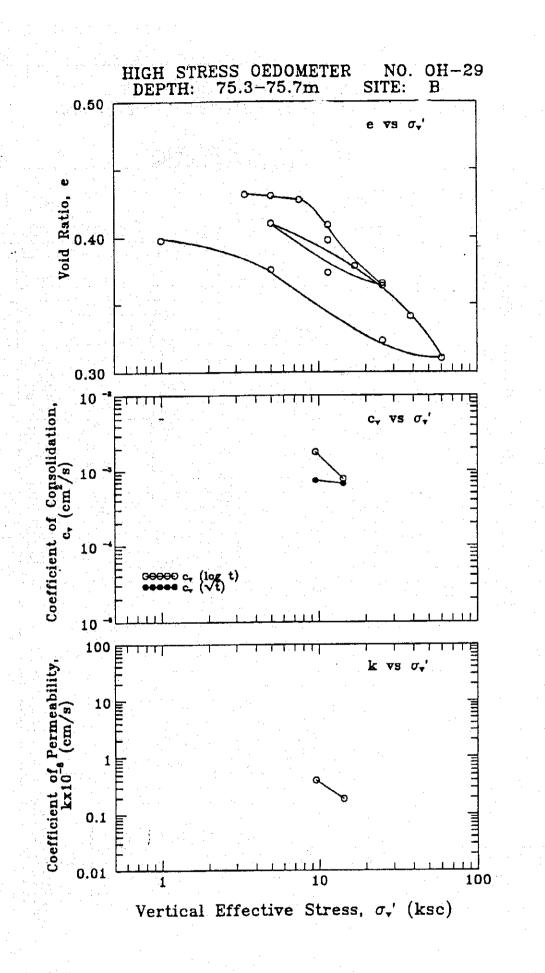
1.0

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CONSOLIDATION

Borehole Soil Des		8	Depth (m)	78-78.7	Sample No	h.:		Test No.:	OH-43
		1-1	1.004		Tested By:		SIH	Date:	5-93
Increm.	f Solids (H Vert.		1.204	cm	Height of Sa			1.960	
No.	Stress		t of Sample		Vertical S	1		Void Ratio	
NQ,		H M	H.	H	19 6 19 19	C .	e	• • • • • • • •	e
	(kg/cm ²)	. \$ 0	100	1	100	1	50	100	t
	0.1								
2	1.0								
3	1.5								
4	2.3		<u></u>	1.956		0.2	<u> </u>		0.62
5	3.4			1.955		0.3			0.62
6	5.0	1.954	1.953	1.952	0.4	0.4	0.623	0.622	0.62
7	7.5	1.948	1.945	1.944	0.8	0.8	0.618	0.615	0.61
8	11.5	1.937	1.931	1.930	1.5	1.5	0.608	0.604	0.60
9	17.0	1.921	1.915	1.912	2.3	2,4	0.596	0.590	0.58
10	25.6	1.901	1.893	1.891	3.4	3.5	0.579	0.572	0.57
11	11.5		1.900	1.901	3.1	3.0		0.578	0.57
12	5.0		1.918	1.920	2.1	2.0		0.593	0,59
13	11.5			1.916		2.3			0.59
14	25.6		1.893	1.892	3.4	3.5		0.573	0.57
15	38.5	1.881	1.873	1.871	4.5	4.5	0.562	0.555	0.554
16	60.0	1.854	1.839	1.837	6.2	6.3	0.540	0.527	0.52
17	25.6		1.849	1.850	5.7	5.6		0.536	0.537
18	5.0		1.900	1.906	3.1	2.8		0.578	0.583
19	1.0		1.933	1.935	1.4	1.3		0.606	0.607
	March I							tea de la	
ncrem. No.	Vert.	Time (mii			oneolidation (cr		k_	and the second second	
NO.	Stress		t i	_/t	log t	Average	∴ x 10 ^{−5}	CR	
	(kg/cm ²)	90	\$0				cm/s	(%)	. *
1	0.1		<u> </u>						
2	1.0								
3	1.5				·			a ser a	
_4	2.3		<u> </u>					1.2	•
5	3.4							0.3	
_6	5.0	12.0	2.0	0.00113	0.00157	0.00135	0.08	0.9	
7	7.5	30.0	10.0	0.00045	0.00031	0.00038	0.06	2.3	
8	_11.5	210.9	14.0	0.00006	0.00022	0.00014	0.02	3.8	
9	17.0	203.0	25.0	0.00006	0.00012	0.00009	0.01	4.8	
10	25.6	261.6	40.0	0.00005	0.00007	0.00006	0.01	6.3	
11	11.5							1.5	
12	5.0							2.6	
13	11.5 📲	·						0.6	~

0.00007

0.00005

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14

15

16

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18

19

25.6

38.5

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0.00010

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3.4

6.0

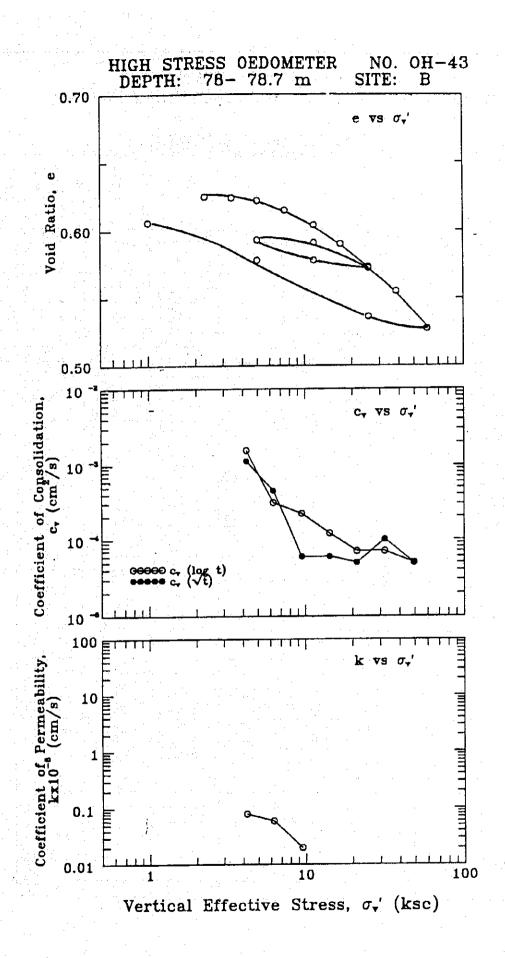
9.0

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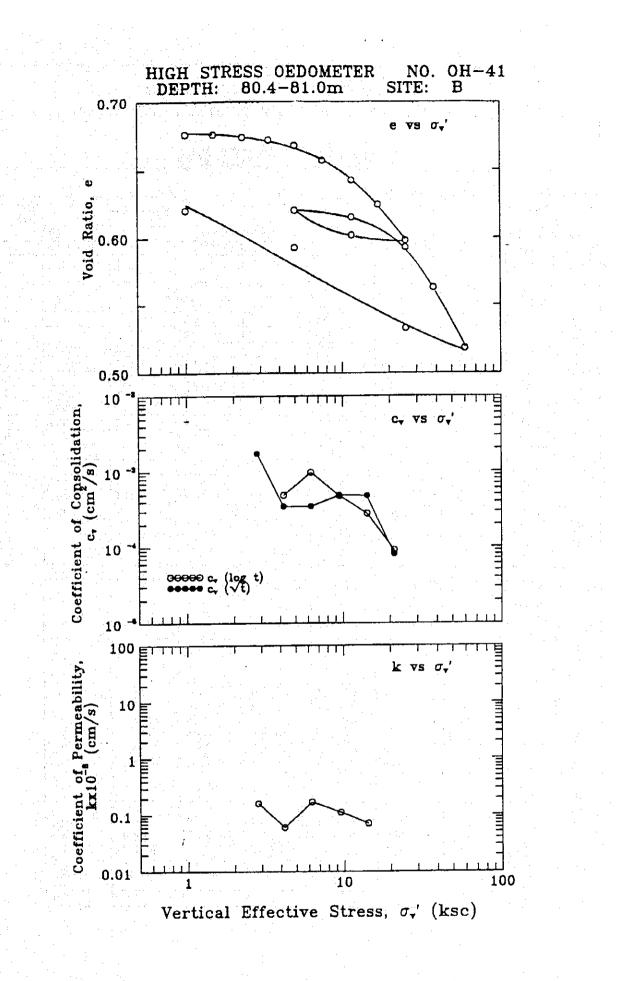


CONSOLIDATION

Borehole	No.:	8	Depth (m)	80.4-81	Sample No.:	÷		Test No.:	OH-41
Soil Desc	ription:				Tested By:		SIH	Date:	5-93
	Solids (H	is) :	1.134	cm .	Height of Sam	ple (Hi) :		1.900	cm
increm,	Vert		it of Sample	(cm)	Vertical Stra	ain (%)	1	Void Ratio	
No.	Stress (kg/cm ¹)	H 50	H 100	H t	C 100	C t	e 50	e 100	e
1	0.1								
2.1	1.0			1.901		-0.0			0.676
3	1.5			1.900		-0.0			0.676
4	2.3			1.898		0.1			0.674
5	3.4			1,896		0.2			0.672
6	5.0	1.893	1.892	1,891	0.4	0.5	0.669	0.668	0.668
7	75	1,683 -	1.879	1.879	11	1.1	0.661	0.657	0.657
8	11.5	1,868	1.862	1.861	2.0	2.0	0.647	0.642	0.641
9	17.0	1.849	1,842	1.839	3.1	3.2	0.631	0.624	0.622
10	25.6	1.823	1.813	1.809	4.6	4.8	0.607	0.598	0.595
11 -	11.5		1.816	1.817	4.4	4.4		0.602	0.602
12	5.0		1.837	1.838	3.3	3.3		0.620	0.621
13	11.5		1.832	1,832	3.6	3.6		0.615	0.615
14	25.6		1.807	1.805	4.9	5.0		0.593	0.591
15	38.5	to e di serie		1.772		6.7			0.563
16	60.0			1.722		9.4			0.518
17	25.6		1.739	1.740	8.5	8.4		0.533	0.534
18	5.0		1,807	1.810	4.9	4.7		0.593	0.596
19	1.0		1,837	1.839	3.3	3.2		0,620	0.621

Increm.	Vert.	Time (mi	inutes)	Coefficient of C	onsolidation (c	m ^a /s)	k	
No.	Stress	t	t	_/t	log t	Average	x 10 ⁻⁹	CR
	(kg/cm)	90	50			-	cm/s	(%)
1	0.1							
2	1.0					and the second second		0.0
3	1.5				_			0.2
4	2.3		-					0.6
5	3.4	7.3		0.00174		0.00174	0.16	0.6
6	5.0	36.0	6.0	0.00035	0.00049	0.00042	0.06	1.5
7	7.5	36.0	3.0	0.00035	0.00097	0.00066	0.17	3.7
8	11.5	25.0	6.0	0.00049	0.00048	0.00049	0.11	4.9
9	17.0	25.0	10.2	0.00048	0.00028	0.00038	0.07	6.3
10	25.6	152.5	30.0	0.00008	0.00009	0.00008	0.01	8.7
11	11.5							1.3
12	5.0	·						3.1
13	11.5							0.7
14	25.6	·						3.8
15	38.5		i					9.7
16	60.0							13.8
17	25.6				N		an a na a	2.6
18	5.0	1						5.2
19	1.0							2.1





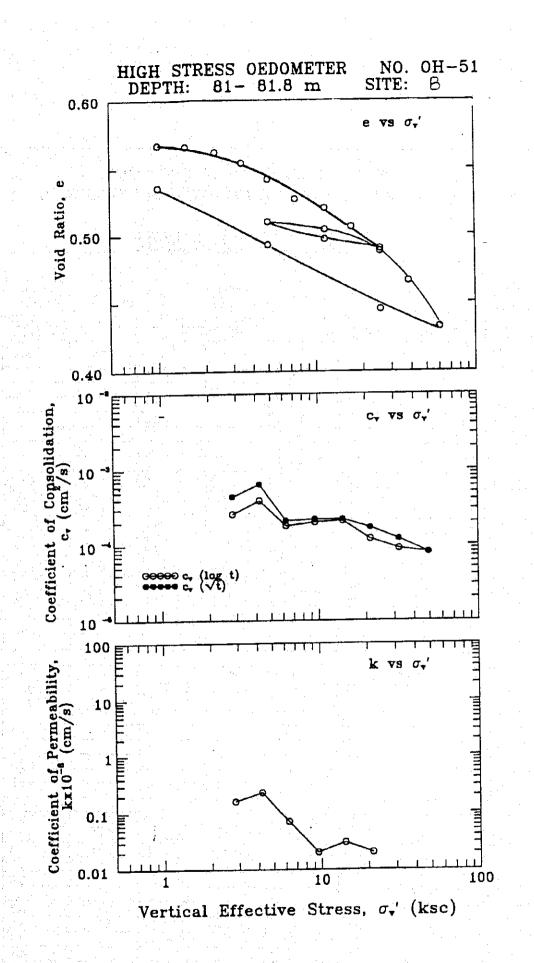
CONSOLIDATION

Borehole	Subside No.:	В	Depth (m)	81-81.8	Sample No.:			Test No.:	OH-51
Soil Desc			-		Tested By:		SIH	Date:	5-93
	Solids (I	Hs) :	1.261	CIT .	Height of Sam	ble (Hi) :		1.980	cm
ncrem.	Vert	Helg	ht of Sample	(cm)	Vertical Stra	ain (%)		Void Ratio	
No.	Stress (kg/cm ²)	H ₅₀	H ₁₀₀	H,	е ₁₀₀	¢ 1	e 50	e 100	e 1
-1	0.1			1.980					0.570
2	1.0			1.976		0.2		· · · · ·	0.567
3	1.5			1.974		0.3		<u> </u>	0.566
4	2.3			1,969		0.5			0.562
-5	3.4	1.962	1.959	1.959	1.1	1.1	0.556	0.554	0.553
6	5.0	1.950	1.945	1.943	1.8	1.9	0.547	0.542	0.541
7	7.5	1.932	1.925	1.925	2.8	2.8	0.532	0.527	0.527
8	11.5	1.921	1.917	1,916	3.2	3.2	0.523	0.520	0.519
9	17.0	1.907	1.899	1.898	4.1	4.1	0.512	0.506	0.505
10	25.6	1.886	1.879	1.879	5.1	5.1	0.496	0,490	0.490
11	11.5			1.888		4.6		a strategie	0,497
12	5.0	8		1,904		3.8		1.55	0.510
13	11.5	Î		1.896		4.2			0.504
14	25.6	1.883	1.876	1.876	5.3	5.3	0.493	0.488	0.488
15	38.5	1.860	1.848	1.845	6.7	6.8	0.475	0.466	0.463
16	60.0	1.824	1.806	1.804	8.8	8.9	0.446	0.432	0.43
17	25.6	1		1.822		8.0			0.445
18	5.0	1		1.883		4.9			0.49
19	1.0	1		1.937	1	2.2			0.536

Increm.	Vert.	Time (minu	ites)	Coefficient of C	ionsolidation (ci	m³/a)	k _{-e}	
No.	Stress (kg/cm ²)	1 90	t 50	_/t	log t	Average	x 10 cm/s	CR (%)
1	0.1							
2	1.0	×	••••••					0.2
3	1.5							0.5
4	2.3							1.5
5	3.4	31.0	12.0	0.00044	0.00026	0.00035	0,16	3.0
6	5.0	21.2	8.0	0.00064	0.00039	0.00051	0.23	44
7	7.5	62.0	17.0	0.00021	0.00018	0.00020	0.07	5.6
8	11.5	60.5	.15.0	0.00022	0.00020	0.00021	0.02	2.2
9	17.0	59.3	14.0	0.00022	0.00021	0.00021	0.03	5.3
10	25.6	74.0	25.0	0.00017	0.00012	0.00014	0.02	5.7
11	11.5	· · .						1.4
12	5.0		•					2.2
13	11.5				:			1
14	25.6	67.0	25.0	0.00019	0.00012	0.00015	0.01	3.0
15	38.5	104.0	33.0	0.00012	0.00009	0.00010	0.01	8.0
16	60.0	144.0	34.0	0.00008	0.00008	0.00008	0.01	11.0
17	25.6				<u></u>			2.5
18	5.0	1						4 :
19	1.0	i i						3.9



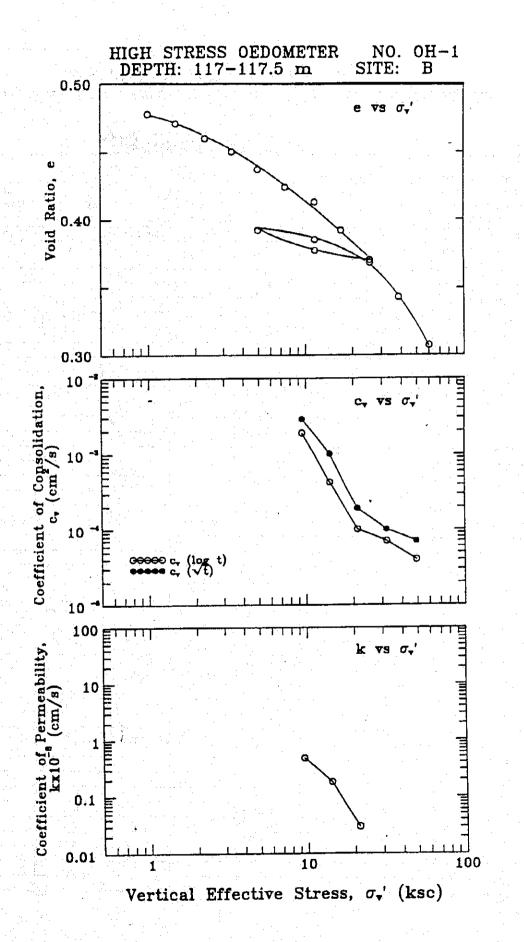




CONSOLIDATION

Borehole	No.:	nce in Bangko B	Depth (m)	117-117.5	Sample No.	•		Test No.:	OH-1
Soil Des			<u> </u>		Tested By:	1997 - 1997 1997 - 1997 - 1997	SIH	Date:	5-93
	f Solids (H		1.269		Height of Sar			1.900	cm
Increm.	Vert.	Heigh	nt of Sample		Vertical St	train (%)		Void Ratio	
No.	Stress (kg/cm ²)	H 50	H ₁₀₀	H	с ₁₀₀	e f	e 50	e 100	e t
1	0.1			1.894		0.3			0.493
2	1.0			1.876		1.3			0.478
3	1.5			1.867		1.7			0.471
4	2.3			1.853		2.5			0.460
5	3.4			1.840		3.2			0.450
6	5.0			1.823		4.1			0.437
7	7.5			1.807		4.9			0.424
8	11.5	1.795	1.793	1.790	5.7	5.8	0.414	0.413	0.411
9	17.0	1.772	1.766	1.765	7.1	7.1	0.396	0.392	0.391
10	25.6	1.748	1.738	1.735	8.5	8.7	0.377	0.370	0.367
11	11.5		the second second	1.748		8.0		•	0.377
12	5.0			1.766		7.1			0.392
13	11.5			1.758		7.5			0.385
14	25.6	1.744	1.736	1.734	8,6	8.7	0.374	0.368	0.366
15	38.5	1.716	1.704	1.702	10.3	10.4	0.352	0.343	0.341
16	60.0	1.681	1.659	1.660	12.7	12.6	0.325	0.307	0.308
17	25.6								
18	5.0								
19	1.0		1						
ncrem.	Vert.	Time (m	nutes).	Coefficient of	Consolidation (cr	n ² /e).	k_8		1
No.	Stress (kg/cm ²)	t 90	t so	/t	log t	Average	x 10 cm/s	CR (%)	
1	0.1] · · · ·
2	1.0						1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	0.B	

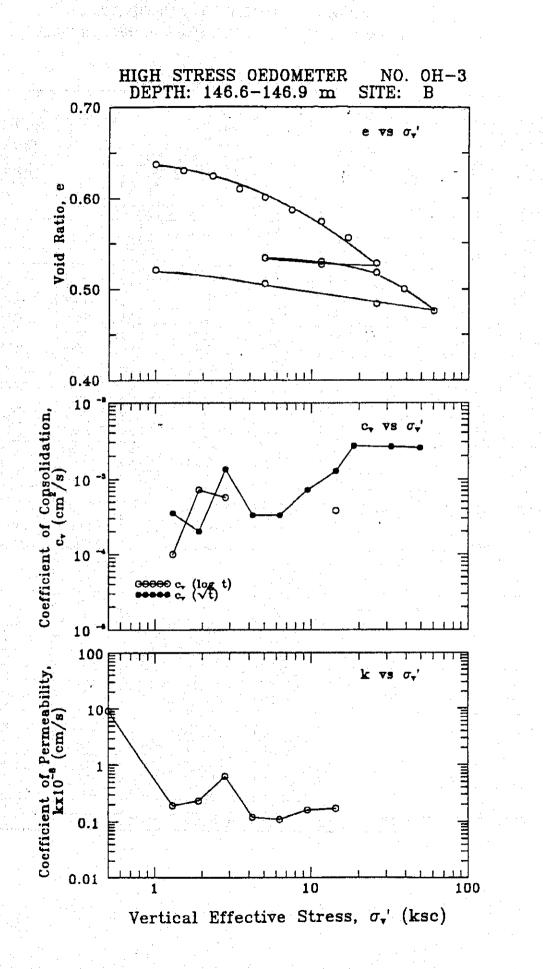
	1 1	•	-					H
No.	Stress (kg/cm ²)	t 90	t 50		log t	Average	x 10 cm/s	CR (%)
- 1	0.1							
2	1.0							0,B
3	1.5							2.7
4	2.3							4.2
5	3.4							3.8
6	5.0							5.3
7	7.5				· · · · ·			4,8
8	11.5	4.0	1.4	0.00285	0.00189	0.00237	0.48	4.8
9	17.0	11.0	6.0	0.00101	0.00043	0.00072	0.18	8.2
10	25.6	56.3	25.0	0.00019	0.00010	0.00015	0.03	8.3
11	11.5							2.0
12	5.0			$46_{10} \leq 10$				2.6
13	11.5							1.2
14	25.6	72.2	25.0	0.00015	0.00010	0.00012	0.01	3.6
15	38,5	104.0	36.0	0.00010	0.00007	0.00008	0.01	9.5
16	60.0	144.0	60.0	0.00007	0.00004	0.00005	0.01	12.3
17	25.6							34.1
18	5.0		· · · · · · · · · · · · · · · · · · ·					
19	1.0	i i i i i i i i i i i i i i i i i i i				1		I



CONSOLIDATION

Borehole	No.:	nce in Bangko B	Depth (m)	146-146.9	Sample No.:	se toto		Test No.:	OH-3
Soil Des	cription:				Tested By:	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	SIH	Date:	5-93
Height of	f Solids (H	ls) :	1.149	cm	Height of Sam	ple (Hi) :		1.900	cm
Increm.	Vert.	Heigh	t of Sample	(cm)	Vertical Str	ain (%)		Void Ratio	
No.	Stress (kg/cm ²)	H ₅₀	H ₁₀₀	H	6 ₁₀₀	¢ į	e so	e ₁₀₀	e ,
1	0.1			1.894		0.3			0.648
2	1.0			1.881		1.0			0.637
3	1.5	1.877	1.873	1.873	1.4	1.4	0.634	0.630	0.630
4	2.3	1.870	1.866	1,864	1.8	1.9	0.628	0.624	0.622
5	3.4	1 856	1.850	1.850	2.6	2.6	0.615	0.610	0.610
6	5.0		- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	1.639		3.2			0.601
7	7.5			1.824		4.0			0.587
8	11.5			1.808		4.8			0.574
9	17.0	1.796	1.788	1.787	5.9	5.9	0.563	0.556	0.555
10	25.6		-	1.756		7.6		- 1	0.528
11	11.5			1,755		7.6			0.527
12	5.0			1.763		7.2			0.534
13	11.5			1.758		7.5			0.530
14	25.6			1.744		8.2			0.518
15	38.5			1.724		9.3			0.500
16	60.0			1.696		10.7		· · · · ·	0,476
17	25.6			1.705		10.3			0.484
18	5.0			1.730		8.9			0.506
19	1.0			1.748		8.0			0.521

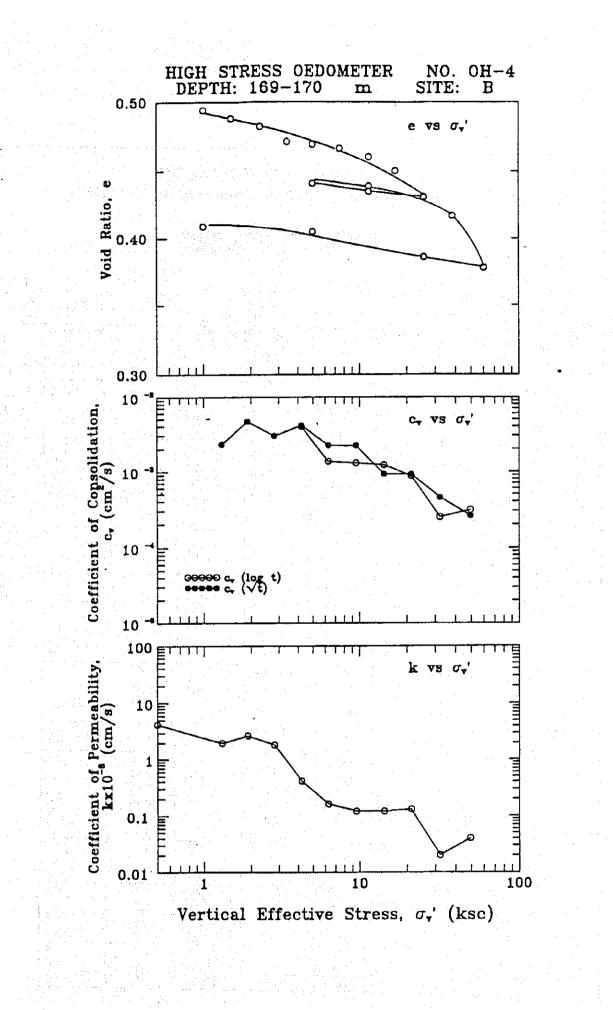
Increm.	Vert.	Time (min	iutes)	Coefficient of Co	onsolidation (cr	m ¹ /€)	K_8	
No.	Stress (kg/cm ²)	t 90 .	t 50	/t	log t	Average	x 10 cm/s	CR (%)
١	0.1							
2	1.0	1.0		0.01250		0.01250	9.16	0.6
3	1.5	36.0	28.0	0.00035	0.00010	0.00022	0.19	2.4
4	2.3	63.0	4.0	0.00020	0.00072	0.00046	0.23	2.1
5	3.4	9.0	5.0	0.00135	0.00057	0.00096	0.63	4.7
6	5.0	36.0		0.00033		0.00033	0.12	3.5
7	7.5	36.0		0.00033		0.00033	0.11	4.5
8	11,5	16.0		0.00072		0.00072	0.16	4.5
9	17.0	9.0	7.0	0.00127	0.00038	0.00082	0.17	6.5
10	25.6						i i	9.2
11	11.5							
12	5.0							1.2
13	11.5							0.7
14	25.6	4.0		0.00269		0.00269	0.15	2.1
15	38.5	4.0	· · · · · · · · · · · · · · · · · · ·	0.00263		0.00263	0.23	5.9
16	60.0	4.0		0.00254		0.00254	0.19	7.6
17	25.6							. 1.3
18	50	<u> </u>			11 A. 1			1.9
19	1.0							1.4



CONSOLIDATION

		ce in Bangko B	Depth (m)	169-170	Sample No.:			Test No.:	OH-4
Soil Desc	ription:		and the second second		Tested By:		SIH	Date:	5-93
	Solids (H	s) :	1.25		Height of Samp			1.900	cm .
ncrem.	Vert.	Height	t of Sample (cm)	Vertical Stra	lin (%)		Void Ratio	l ar
No.	Stress (kg/cm ²)	H ₅₀	H ₁₀₀	H	6 ₁₀₀	e f	e 50	e ₁₀₀	e
1	0.1			1.874		1.4			0.499
2	1.0			1.868		1.7			0.494
3	1.5			1.860		2.1			0.48
4	2.3			1.852		2.5		<u> </u>	0.48
5	3.4			1.839		3.2		<u> </u>	0.47
6	5.0	1.838	1.836	1.836	3.4	3.4	0.470	0.469	0.46
7	7.5	1.833	1.832	1.830	3.6	3.7	0.466	0.466	0.46
8	11.5	1.828	1.825	1.823	3.9	4.1	0.462	0.460	0.45
9	17.0	1.818	1.812	1.811	4.6	4.7	0.454	0.450	0.44
10	25.6	1.797	1.789	1.786	5.8	6.0	0.438	0.431	0.42
11	11.5			1.794	1 1	5.6			0.43
12	5.0			1.801		5.2			0.44
13	11.5	1,800	1.799	1.798	5.3	5.4	0.440	0.439	0.43
14	25.6	1.790	1.789	1.787	5.8	5.9	0.432	0.431	0.43
15	38.5	1.777	1.771	1.770	6.8	6.8	0.422	0.417	0.41
16	60.0	1,746	1.723	1.720	9.3	9.5	0.397	0.378	0.37
17	25.6	1.73	1.732	1.732	8.8	8.8	0.384	0.386	0.38
18	5.0	1.751	1,756	1.757	7.6	7.5	0.401	0,405	0.40
19	1.0	1.759	1,761	1.762	7.3	7.3	0.407	0.409	0.41

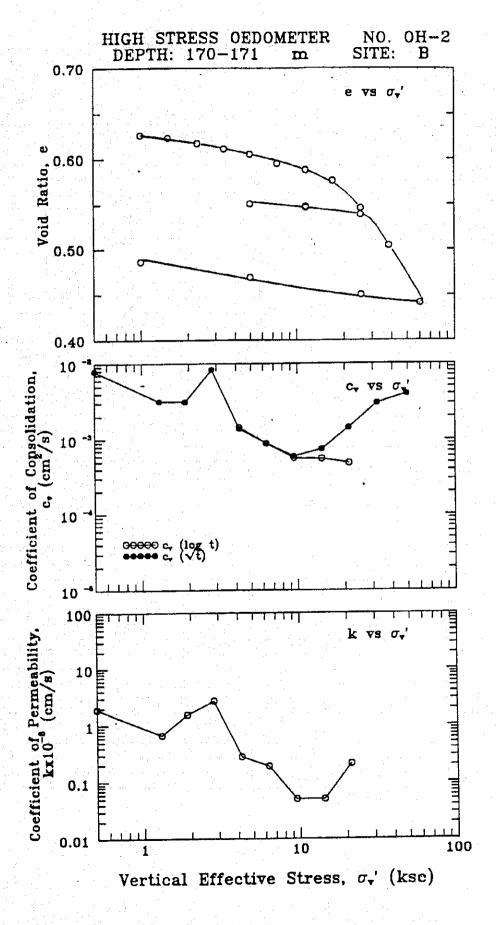
Increm.	Vert.	Time (mi	nutes)	Coefficient of C	onsolidation (ci	m²/s)	к	
No.	Stress (kg/cm ²)	t 90	t so		log t	Average	x 10 cm/s	CR (%)
.1	0.1	0.2						
2	1.0	1.0		0.01233		0.01233	4.21	0.3
3	1.5	5.3		0.00231		0.00231	1.98	24
4	2.3	2.6		0.00466		0.00466	2.68	2.4
5	3.4	4.0	· .	0.00299		0.00299	1.83	3.8
6	5.0	2.9	0.7	0.00412	0.00396	0.00404	0.41	0.9
7	7.5	5.3	2.0	0.00224	0.00138	0.00181	0.16	1.2
8	11.5	5.3	2.1	0.00223	0.00131	0.00177	0.12	2.0
9	17.0	12.6	2.2	0.00093	0.00123	0.00108	0.12	4.0
10	25.6	12.3	3.0	0.00093	0.00088	0.00091	0,13	6.8
11	11.5							1.2
12	5.0							1.0
13	11.5	4.0	0.4	0.00286	0.00665	0.00476	0.08	0.4
14	25.6	4.0	0.4	0.00283	0.00658	0.00470	0.17	1.5
15	38.5	25.0	10.5	0.00045	0.00025	0.00035	0.02	5.3
16	60.0	41.2	8.0	0.00026	0.00031	0.00029	0.04	13.1
17	25.6	16	7	0.00066	0.00035	0.00051	0.01	. 1.7
18	5.0							1.9
19	1.0	9	- 3	0.00121	0.00085	0.00103	0.06	0.4



CONSOLIDATION

orehole		ice in Bangko B	Depth (m)	170-171	Sample No.:		<u></u>	Test No.:	<u>OH-2</u>
Soil Desc	ription:	100 A. 100 A. 100 A.	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		Tested By:		SIH	Date:	5-93
leight of	Solids (H		1.166	ćm	Height of Samp		- 1.1.	1.900	cm
ncrem.	Vert	Heigh	t of Sample		Vertical Stra			Void Ratio	
No.	Stress (kg/cm ²)	Н ₅₀	H ₁₀₀	H _f	C ₁₀₀	C f	e so	e ₁₀₀	e r
1	0.1			1.899		0.1	ala étas		0.629
2	1.0	1.897	1.896	1.894	0.2	0.3	0.627	0.626	0.624
3	1.5			1.892		0.4			0.623
4	2.3			1.885		0.8			0.617
5	3.4		•	1.878		1.2		<u> </u>	0.61
6	5.0	1.874	1.872	1.870	1.5	1.6	0.607	0,605	0.60
7	7.5	1.862	1,860	1.859	2.1	2.2	0.597	0.595	0.59
8	11.5	1.856	1.852	1.846	2.5	2.8	0.592	0.588	0.58
9	17.0	1.842	1.838	1.837	3.3	3.3	0.580	0.576	0.57
10	25.6		-	1.803		- 5.1			0,54
11	11.5			1.804		5.1		<u>a an an</u>	0.54
12	5.0	1		1.808		4.8			0.55
13	11.5			1.805		5.0			0.54
14	25.6			1.794		5.6			0.53
15	38.5			1.754		7.7			0.50
16	60.0			1.680		11.6			0.44
17	25.6		1	1.691		11.0			0.45
18	5.0	· · · · · · · · · · · · · · · · · · ·		1.713		9.8			0.46
19	1.0	1.727	1,733	1.733	8.8	8.8	0.481	0.486	0.48

Increm.	Vert.	Time (mln	utes)	Coefficient of C	onsolidation (cr	n ¹ /s)	K	
• No.	Stress (kg/cm ²)	t 90	t sa	л	log t	Average	x 10 cm/s	CR (%)
1	0.1						the second second	1
2	1.0	1.6	0.2	0.00795	0.01477	0.01136	1.91	0.2
3	1.5	4.0		0.00316		0,00316	0.67	0.6
4	2.3	4.0		0.00314	-	0.00314	1.55	2.1
5	3.4	1.5		0.00831		0.00831	2,69	2.1
6	5.0	9.0	2.0	0.00138	0.00144	0.00141	0.28	2.5
7	7.5	13.7	3.2	0.00089	0.00089	0.00089	0.19	3.6
8	11.5	20.3	5.0	0.00060	0.00057	0.00058	0.05	2.3
9	17.0	16.0	: 5.0	0.00075	0.00056	0.00065	0.05	4.3
10	25.6	8.0	5.5	0.00144	0.00049	0.00096	0.21	10.1
11	11.5		······································					0.2
12	5.0	3.6		0.00321		0.00321	0.11	0.6
13	11.5	4.0		0.00288		0.00288	0.07	0.4
14	25.6	1.7	· · · ·	0.00669		0.00669	0.29	1.7
15	38.5	3.6		0.00302		0.00302	0,53	11.9
16	60.0	2.5		0.00399		0.00399	0.80	20.2
17	25.6	23		0.00044	·	0.00044	0.01	1.6
18	5.0	25		0.00041		0.00041	0.03	1.6
19	1.0	2.6	1.7		0,00144	0.00275	0.80	1.5



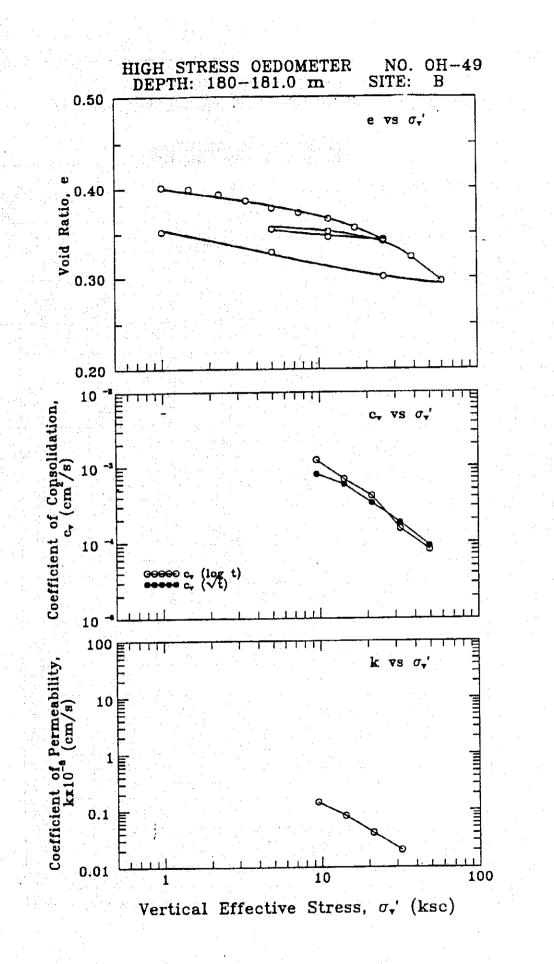
CONSOLIDATION

Borehole	No.:	B	Depth (m)	180-181	Sample No.:			Test No.:	OH-49
Soil Desc	ription:		•		Tested By:		SIH	Date:	5-93
	Solids (H	ts) :	1.345	cm	Height of Sam	ole (Hi) :	in the second	1,900	cm
Increm.	Vert.	Heigh	t of Sample (cm)	Vertical Stra	in (%)		Void Ratio	
No.	Stress (kg/cm ²)	Hso	H ₁₀₀	н,	e 100	e 1	e 50	e ₁₀₀	e _t
1 1	0.1			1.898		0.1			0.411
2	1.0			1.885		0.8			0.40
3	1.5			1.882		0.9		8 <u>1</u> 8 1	0.39
4	2.3			1.874		1.4		<i></i>	0.39:
5	3,4			1.864		1.9			0.386
6	5.0			1.853		: 2.5		· · · · ·	0.37
7	7.5	1		1.847		2.8			0.37
8	11.5	1.840	1.837	1.836	3.3	3.4	0,368	0.366	0.36
9	17.0	1.827	1.824	1.823	4.0	4.1	0.358	0.356	0.35
10	25.6	1.812	1.807	1.806	4.9	4.9	0.347	0.343	0.343
11	11.5			1.811		4.7			0.346
12	5.0	at a second		1.822		4 1			0.355
13	11.5			1.818		4.3			0.352
14	25.6	1.807	1.803	1.803	5.1	5.1	0.343	0.341	0.340
15	38.5	1.789	1.780	1.780	6.3	6.3	0.330	0.323	0.323
16	60.0	1.758	1.743	1.740	8.3	8.4	0.307	0.296	0.294
17	25.6			1.750		7.9			0.301
18	5.0			1.788		5.9			0.329
19	1.0		.	1.818		4.3			0.352

increm.	Vert.	Time (min	utes)	Coefficient of (Consolidation (c	m ²/=)	К	
No.	Stress (kg/cm ²)	t 90	t 50	√t	log t	Average	x 10 cm/s	CR (%)
1	0.1							
2	1.0							0.6
3	1.5							0.9
4	2.3					e da servici		2.4
5	3.4			2				2.9
6	5.0							3.5
7	7.5							1.8
8	11.5	15.2	2.3	0.00079	0.00121	0.00100	0.14	3.1
9	17.0	20.2	4.0	0.00058	0.00068	0.00063	0.08	4.0
10	25.6	34.8	6.5	0.00033	0,00041	0.00037	0.04	5.0
11	11.5							0.8
12	5.0							1.6
13	11.5							0.6
14	25.6	17.6	3.0	0.00066	0.00089	0.00077	0.05	2.3
15	38.5	64.0	17.0	0.00018	0.00015	0.00017	0.02	6.8
16	60.0	125.4	30.0	0.00009	0.00008	0.00009	0.01	10.1
17	25.6							1.4
18	5.0						the second second	2.8
19	1.0							2.3





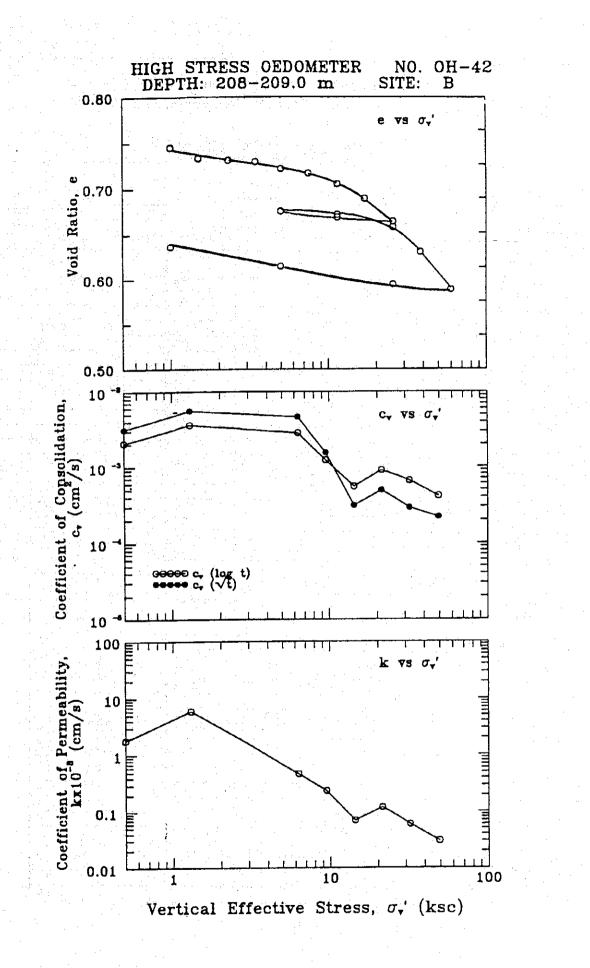


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CONSOLIDATION

		nce in Bangk			Location:	and the second	AIT	·	<u> </u>
Borehole		8	Depth (m)	208-209	Sample No.;		1. A.	Test No.	OH-42
Soil Des	•				Tested By:		SIH	Date:	5-93
	f Solids (I		1.082	cm	Height of San	nple (Hi) :		1.900	cm
Increm.	Vert.	Heigi	nt of Sample	(cm)	Vertical St	rain (%)		Void Ratio	ter and the second
No.	Stress (kg/cm ²)	H _{so}	H ₁₀₀	H ₁	¢ ₁₀₀	¢ 1	e 50	e 100	e,
1	0.1			1.900					0.756
2	1.0	1.889	1.888	1.888	0.6	0.7	0.746	0.745	0.744
3	1.5	1.877	1.875	1.874	1.3	1,4	0.735	0.733	0.732
4	2.3			1.873		1,4			0.73
. 5 .	3.4			1.871		1.5			0.729
6	5.0			1.862		2.0		· · · · ·	0.721
7	7.5			1.857		2.3		na a chuir a chuir ann an chuir a	0.716
8	11.5	1.847	1.844	1.843	3.0	3.0	0.707	0.704	0.703
9	17.0	1,831	1.826	1.825	3.9	3.9	0.692	0.688	0.687
10	25.6	1.807	1.799	1.797	5.3	5,4	0.670	0.663	0.661
11	11.5			1.805		5.0			0.668
12	5.0		1.813	1.813	4.6	4.6		0.675	0.675
13	11.5	3		1.808		4.8			0.671
14	25.6	1.796	1.793	1.793	5.6	5.6	0.660	0.657	0.657
15	38.5	1.773	1.764	1,760	7.2	7,4	0,639	0.630	0.627
16	60.0	1.733	1.719	1,714	9.5	9.8	0.601	0.588	0.584
17	25.6		1.725	1.725	9.2	9.2		0.594	0.594
18	5.0		1.747	1.748	8.0	8.0		0.615	0.615
19	1.0		1.771	1.773	6.8	6.7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.637	0.638

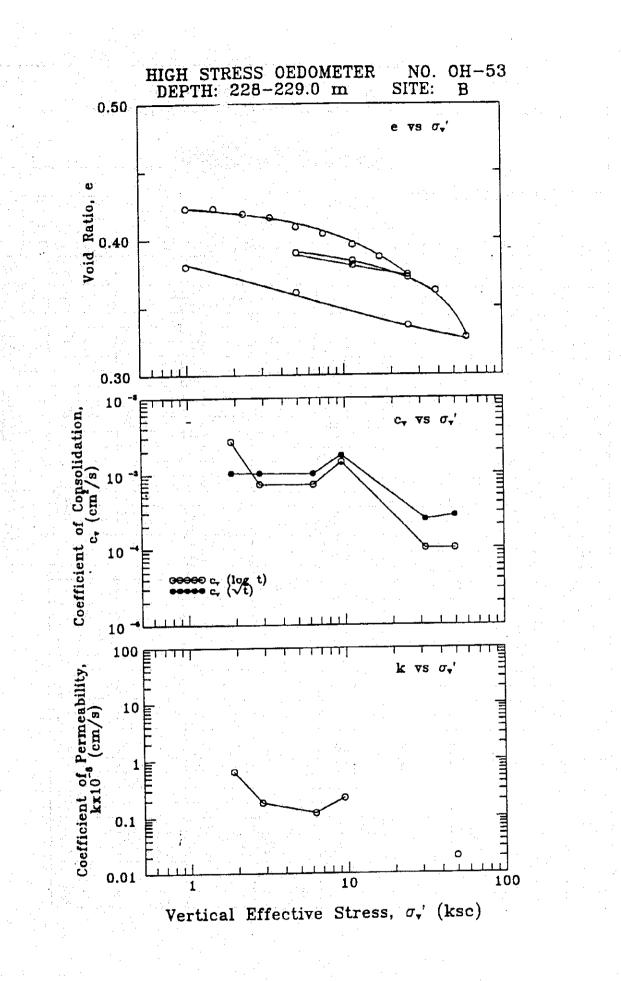
increm.	Vert.	Time (min	utes)	Coefficient of C	onsolidation (c	m ⁴ /s)	k	
No.	Stress (kg/cm ²)	t 90	, ^t	<i>.</i> , <i>R</i>	log t	Average	x 10 cm/s	CR (%)
1	0.1							<u> </u>
2	1.0	4.0	1.4	0.00315	0.00209	0.00262	1.80	0.5
_ 3	1.5	2.3	0.8	0.00553	0.00362	0.00457	5.98	3.8
4	2.3	-						0.3
5	3.4							0.7
6	5.0							2.6
7	7.5	2.6	1.0	0.00461	0.00283	0.00372	0.47	1.8
8	11.5	7.8	2.3	0.00154	0.00122	0.00138	0.24	3.8
9	17.0	38.7	5.0	0.00031	0.00055	0.00043	0.07	5.4
10	25.6	23.7	3.0	0.00049	0.00089	0.00069	0.12	8.1
11	11.5			· · · · · · · · · · · · · · · · · · ·				1.1
12	5.0							1.1
13	11.5							0.6
14	25.6							2.3
15	38.5	38.0	4.0	0.00029	0.00065	0.00047	0.06	8.6
16	60.0	49.0	6.0	0.00022	0.00041	0.00031	0.03	12.4
17	25.6							1.5
18	5.0	· · ·						1.7
19	1.0	·						1.9



CONSOLIDATION

Borehole		ice in Bangki B	Depth (m)	228-229	Sample No.:			Test No.:	OH-53
Soil Desc					Tested By:		SIH	Date:	5-93
	Solids (H	(s) :	1.335	сп	Height of Sam	ole (Hi) :		1.905	cm
increm.	Vert.		nt of Sample		Vertical Stra			Void Ratio	
No.	Stress (kg/cm ²)	H 50	H ₁₀₀	Η,	e ₁₀₀	e ,	e ₅₀	e 100	e t
1	0.1	1		1.902		0.2			0.424
2	1.0			1.900		0.3			0.423
3	1.5			1.899		0.3		<u></u>	0.423
4	2.3	1.896	1.894	1.894	0.6	0.6	0.420	0.419	0.419
5	3.4	1.891	1.890	1.889	0.8	0.8	0.416	0.416	0.415
6	5.0			1.881		1.3			0.40
7	7.5	1.876	1.874	1.874	1.6	1.6	0.405	0.404	0.404
8	11.5	1.866	1.864	1.864	2.2	2.2	0.398	0 396	0.396
9	17.0			1.852		2.8			0.38
10	25.6			1.834	I I	3.7			0.374
11	11.5			1.844	part and the fig	3.2	1		0.38
12	5.0			1.855		2.6			0.39
13	11.5		1,848	1,848	3.0	3.0		0.384	0.384
14	25.6			1.832		3.9			0.37
15	38.5		1.818	1.818	4.6	4.6		0.362	0.36
16	60.0	1.784	1.772	1.769	7.0	7.1	0.336	0.327	0,32
17	25.6		1.784	1.784	6.4	6.3		0.336	0.33
18	5.0		1.817	1.818	4.6	4.6		0.361	0.36
19	1.0		1,843		3.3	3.3		0.380	0.38

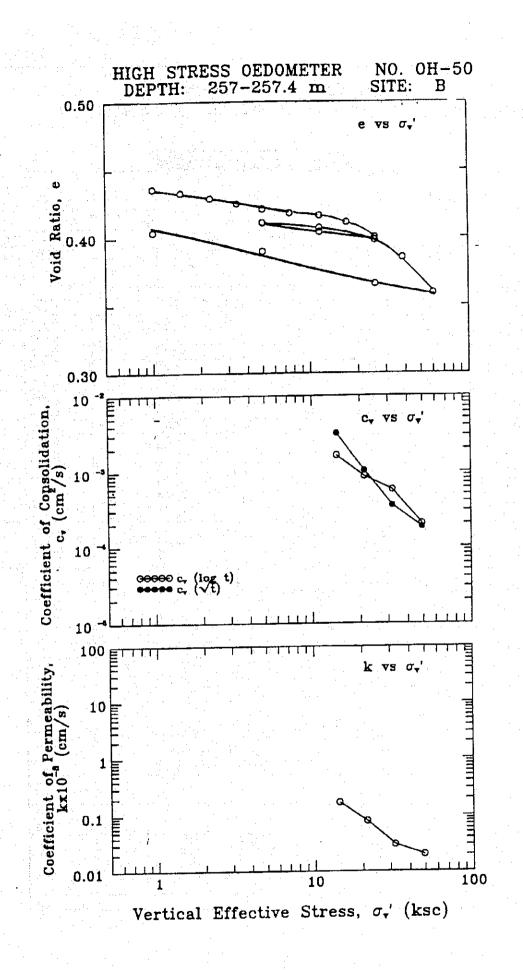
Increm.	Vert.	Time (mini	utes)	Coefficient of C	Consolidation (c	m ¹ /#)	k_8	- 1919. 1919
No.	Stress (kg/cm ²)	t 90	t 50	_jt	log t	Average	x 10 s	CR (%)
1	0.1							
2	1.0							0.1
3	1.5							0.3
4	2.3	12.3	. 1,1	0.00104	0.00268	0.00186	0.64	1.5
5	3.4	12.3	4.0	0.00103	0.00073	0.00088	0.16	1.4
6	5.0							2.6
7	7.5	12.3	4.0	0.00101	0.00072	0.00087	0.12	2.1
8	11.5	7.0	2.0	0.00176	0.00143	0.00159	0.22	2.9
9	17.0							3.6
10	25.6							5.3
11	11.5							1.5
12	5.0							1.6
13	11.5							1,1
14	25.6							2.4
15	38.5	49.0	27.5	0.00024	0.00010	0.00017	0.01	4.0
16	60.0	42.0	25,0	0.00027	0.00010	0.00019	0.02	12.7
17	25.6	1977 - 19	the second	et seres e				2.1
18	5.0	- · · ·						2.5
19	1.0	· · · · · · · · · · · · · · · · · · ·						1.9



CONSOLIDATION

Project:	Subside	nce in Bangk			Location:	a de la composición d	AIT		<u></u>
Borehole	No.:	В	Depth (m)	257-257.4	Sample No.:	an a		Test No.:	OH-50
Soil Desc	cription:		te et a		Tested By:		SIH	Date:	5-93
Height of	f Solids ()	- s) :	1.313	cm	Height of Sam	ple (Hi) :		1.900	cm
Increm.	Vert.	Heigi	nt of Sample	(cm)	Vertical Str	ain (%)	•	Void Ratio	
No.	Stress (kg/cm ²)	H ₅₀	H ₁₀₀	H I	e ₁₀₀	e f	e _{so}	e ₁₀₀	e 1
1	0.1			1.896		0.2			0.44
2	1.0			1.885		0.6			0.43
3	1.5			1,881		1.0		n de la composición de	0.43
4	2.3			1.876		1.3			0.42
5	3.4			1.871		1.5			0.42
6	5.0			1.866		1.8			0.42
7	7.5			1.862		2.0		A second	0,41
8	11.5	1		1,859		2.2			0.41
9	17.0	1.854	1,852	1.851	2.5	2.6	0.412	0.411	0.41
10	25.6	1.841	1.838	1.837	3.3	3.3	0.402	0.400	0.39
11	11.5			1.844		2.9			0.40
12	5.0			1.852		2.5			0.41
13	11.5			1.847		2.8			0.40
14	25.6	1.838	1.835	1.834	3.4	3,5	0.400	0.398	0.39
15	38.5	1.823	1.819	1.816	4.3	4,4	0.388	0.385	0.38
16	60.0	1.796	1,784	1.782	6.1	6.2	0.368	0.359	0.35
17	25.6			1.794		5.6			0.36
18	5.0			1.825		3,9			0.39
19	1.0			1,844		2.9	11 I.		0.404

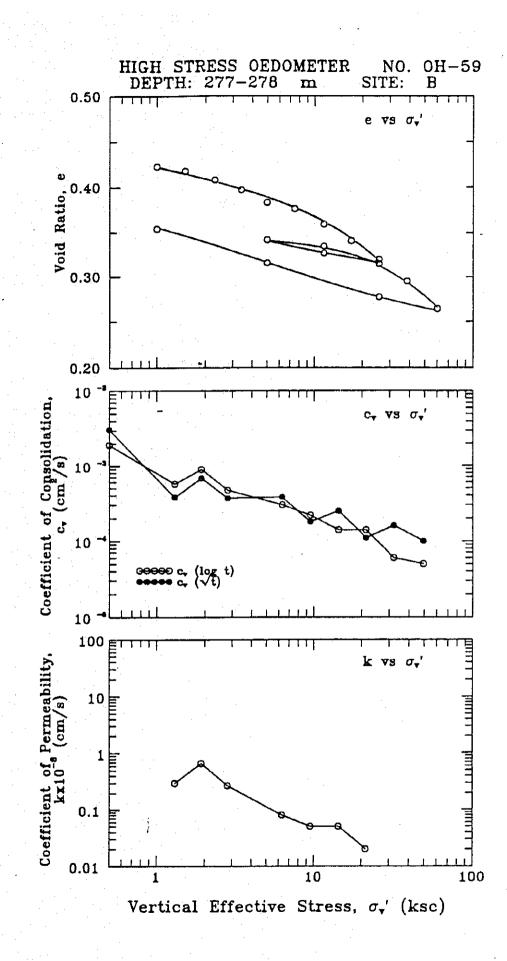
Increm.	Vert.	Time (mi	nutes)	Coefficient of	Consolidation (c	m [*] /a)	К ₋₈	
No.	Stress (kg/cm ²)	t 90	t 50	۲,	log t	Average	x 10 cm/s	CR (%)
1	0.1							
2	1.0							0.5
3	1.5							1.2
4	2.3							1.5
5	3.4							S-1.5
6	5.0							1.6
7	7,5							1.2
8	11.5							0.9
9	17.0	3.8	1.7	0.00320	0.00166	0.00243	0.17	2.9
10	25.6	11.5	3.2	0.00104	0.00087	0.00096	0.08	4.1
11	11.5	. [11
12	5.0							1.2
13	11.5							0.7
14	25.6	6.7	1.3	0.00178	0.00213	0.00196	0.09	2.0
15	38.5	33.6	4.8	0.00035	0.00057	0.00046	0.03	4 (
16	60.0	64.0	13.0	0.00018	0.00020	0.00019	0.02	9.6
17	25.6		·····					1.7
18	5.0							2.3
19	1.0							1.4



CONSOLIDATION

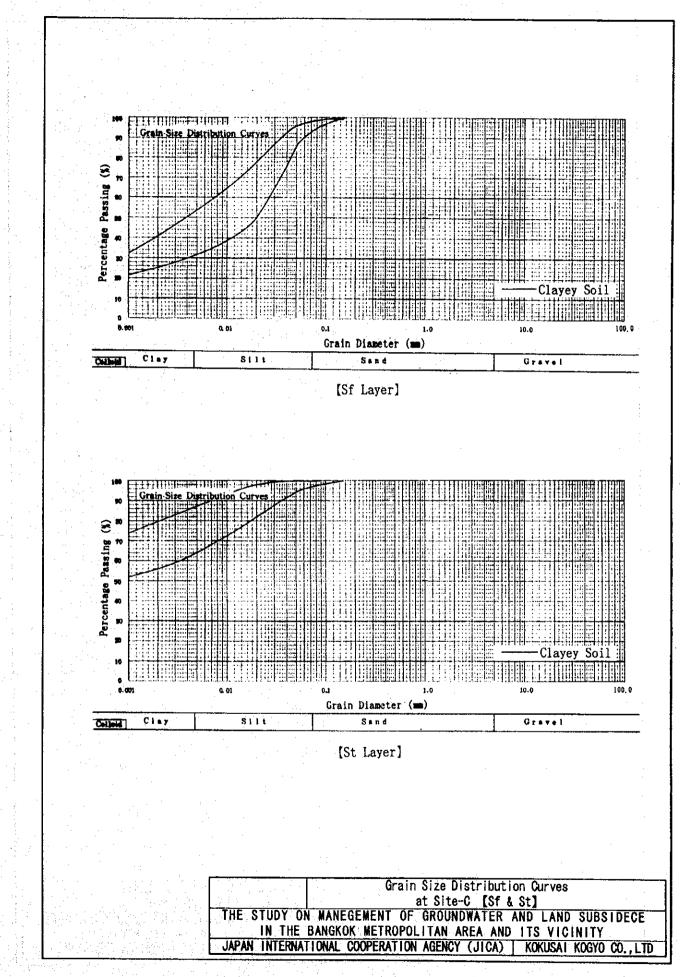
Project: <u>Subside</u> Borehole No.: Soil Description: Height of Solids (h				Depth (m)	277-278	Sample No.			Test No.:	OH-59
					Tested By:		SIH	Date:	5-93	
		rls): 1.317 cm			Height of Sal	mple (Hi) :		1.900	cm	
Increm.	Vert. Stress (kg/cm ²)	Height of Sample (cm)				Vertical S	train (%)	Void Ratio		
No.		29	H _{so}	H ₁₀₀	, Les H ypert	⁶ 100	6 1	e so	e ₁₀₀	• •
1	0.1									
2	1.0		1.879	1.874	1.873	1.4	1.4	0.427	0.423	0.422
3	1.5		1.870	1.868	1.867	1.7	1.8	0.420	0.418	0.417
4	2.3		1.859	1.855	1.854	2.4	2.4	0.411	0.408	0.407
- 5	3.4	1. A.	1.844	1.840	1.838	3.2	3.3	0.400	0.397	0.396
6	5.0				1.822		4,1			0.383
7	7.5		1.814	1.812	1.809	4.6	4.8	0.378	0.376	0.374
8	11.5		1.798	1.790	1.789	5.8	5.8	0.365	0.359	0.359
9	17.0		1.875	1.767	1.765	7.0	7.1	0.424	0.341	0.340
10	25.6		1.750	1.738	1.736	8.5	8.6	0.328	0.320	0.318
11	11.5			1.748	1.749	8.0	8.0	3	0.327	0.328
12	5.0			1.768	1.768	7.0	6.9		0.342	0.343
13	11.5			1.758	1.758	7.5	7.5		0.335	0.334
14	25.6			1.732	1.731	8.8	8.9		0.315	0.314
15	38.5		1.716	1.706	1.703	10.2	10.4	0.303	0.295	0.293
- 16	60.0		1.686	1.665	1.663	12.4	12.5	0.280	0,264	0.262
17	25.6			1.682	1.684	11.5	11.4		0.277	0.279
18	5.0			1.733	1.739	8.8	8.5		0.316	0.321
19	1.0			1 783	1.786	6.2	6.0		0.354	0.356

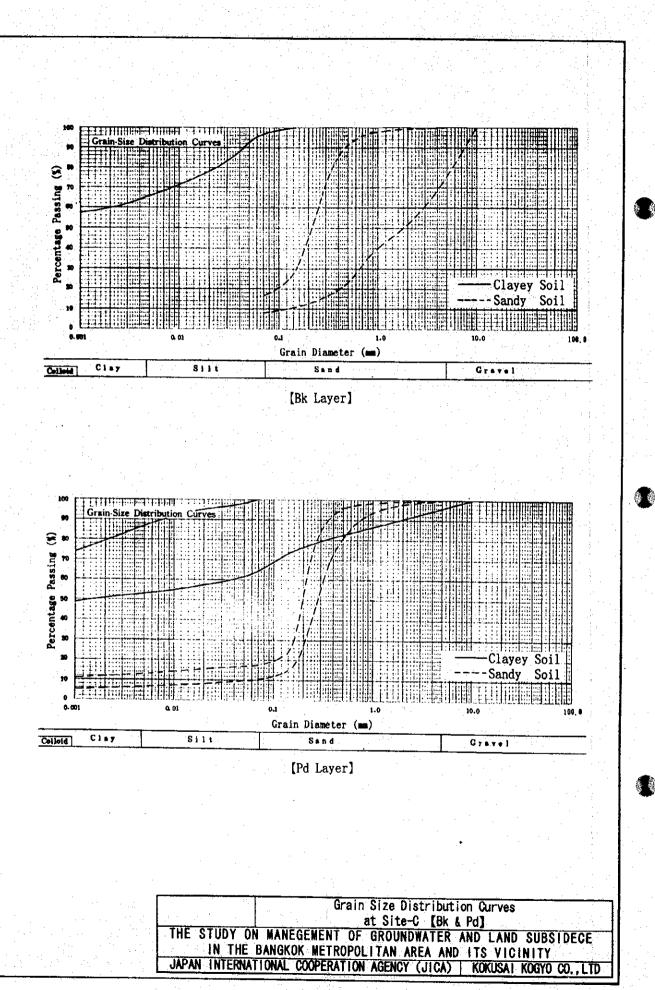
Increm. No.	Vert,	Time (m	inutes)	Coefficient of C	onsolidation (c	k_8		
	Stress (kg/cm ²)	t 90	t 50	12	log t	Average	x 10 cm/s	CR (%)
1	0.1							
2	1.0	4.0	1.5	0.00312	0.00193	0.00253		1.1
3	1.5	32.4	5.0	0.00038	0.00057	0.00048	0.30	2.0
4	2.3	17.9	· 3.2	0.00068	0.00089	0.00078	0.67	3.9
5	3.4	32.4	6.0	0.00037	0.00047	0.00042	0.27	4.3
6	5.0			· · ·				5.0
7	7.5	30.3	9.0	0.00038	0.00030	0.00034	0.08	3.8
8	11.5	62.4	12.0	0.00018	0.00022	0.00020	0.05	6.2
9	17.0	50.6	20.0	0.00025	0.00014	0.00019	0.05	7.3
10	25.6	100.0	18,0	0.00011	0.00014	0.00012	0.02	8.3
11	11.5	× .						1.9
12	5.0							2.8
13	11.5							1.4
14	25.6							4.0
15	38.5	64.0	40.0	0.00016	0.00006	0.00011	0.01	8.0
16	60.0	100.0	50.0	0.00010	0.00005	0.00007	0.01	11.1
17	25.6							3.1
18	5.0							4.1
19	1.0					ļ		3.6

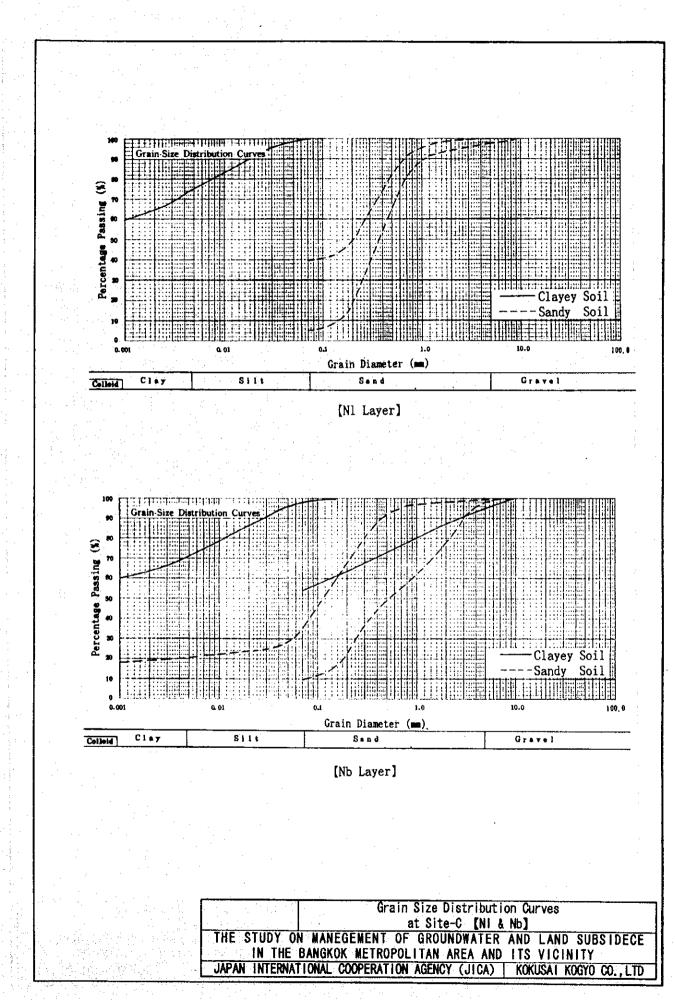


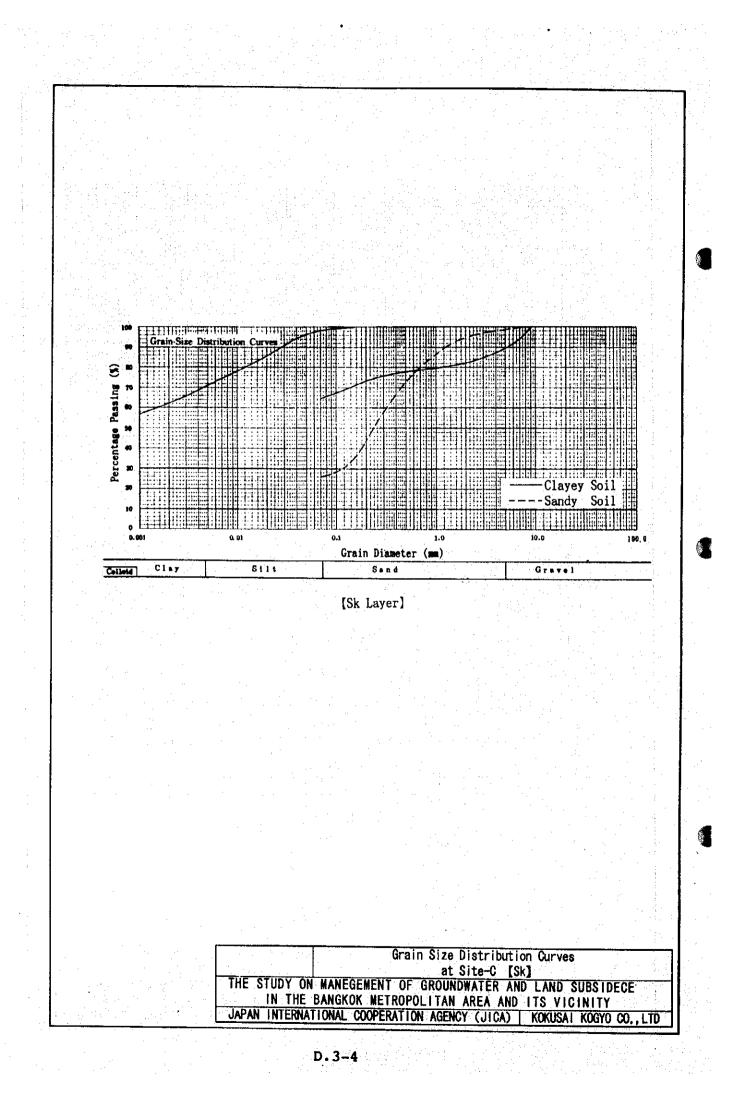
D. SOIL TESTS

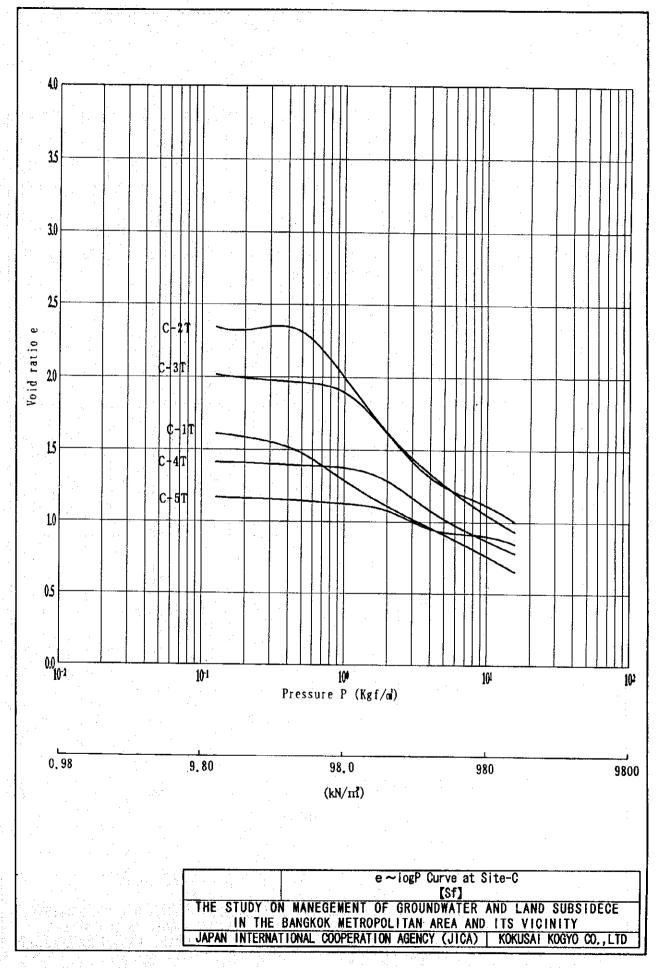
D.3 soil tests result of Site-C

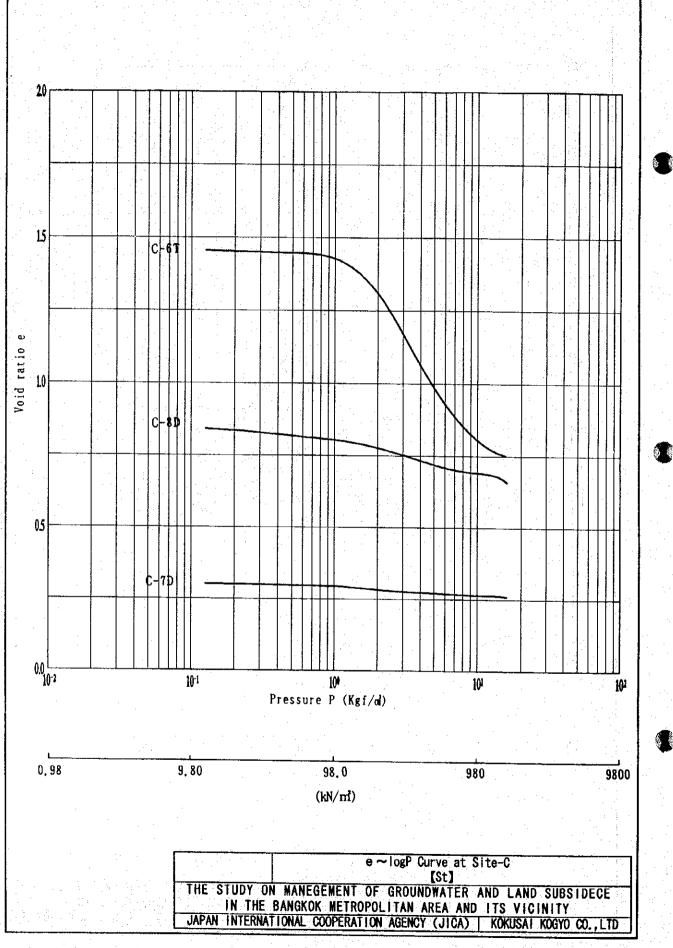












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