



SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Land Subsidence Siem Reab
 Location: Cambodia
 Tested by: THS Date: May-97

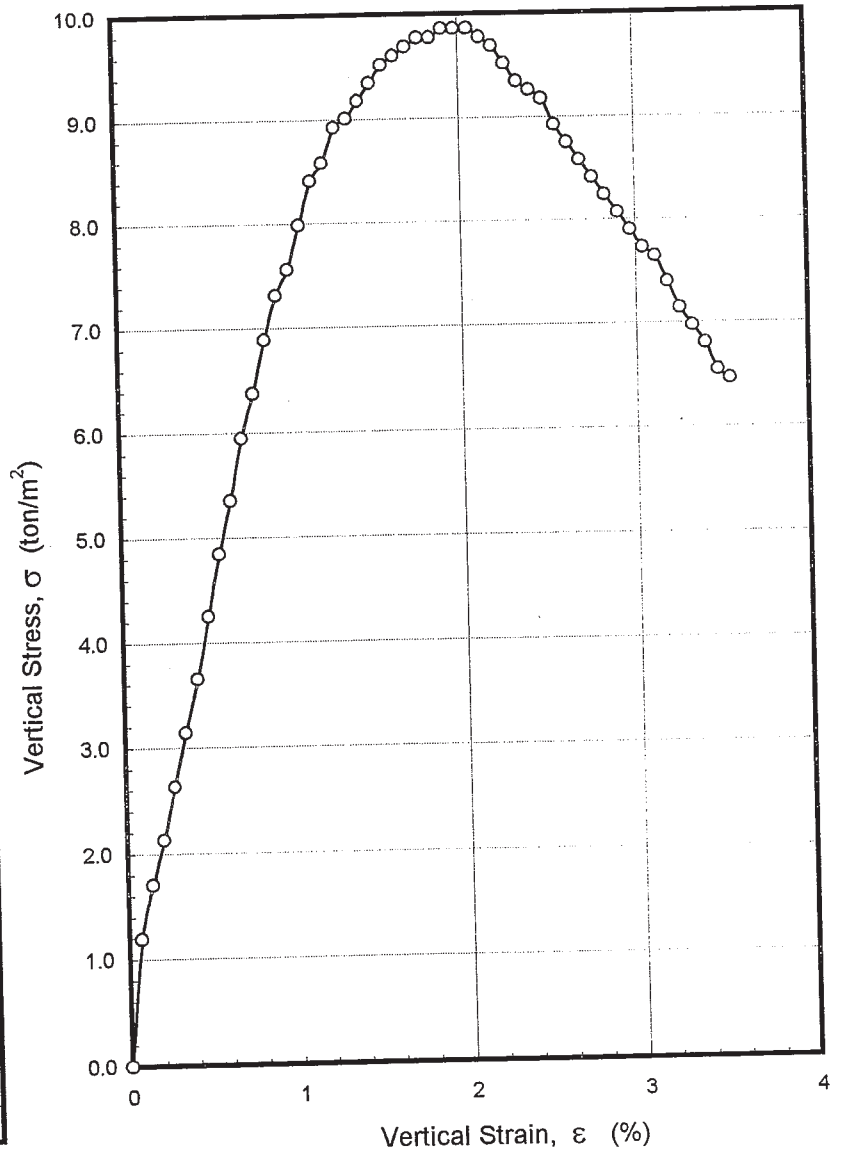
Borehole No: WT-7
 Sample No: DB-1 B
 Depth (m.): 13.60 - 14.00

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	2.62	8.75
0.07	1.19	2.69	8.58
0.14	1.70	2.76	8.41
0.21	2.12	2.83	8.24
0.28	2.63	2.90	8.07
0.35	3.14	2.97	7.90
0.42	3.65	3.05	7.73
0.50	4.25	3.12	7.65
0.57	4.84	3.19	7.39
0.64	5.35	3.26	7.14
0.71	5.95	3.33	6.97
0.78	6.37	3.40	6.80
0.85	6.88	3.47	6.54
0.92	7.31	3.54	6.46
0.99	7.56		
1.06	7.99		
1.13	8.41		
1.20	8.58		
1.27	8.92		
1.35	9.00		
1.42	9.17		
1.49	9.34		
1.56	9.51		
1.63	9.60		
1.70	9.68		
1.77	9.77		
1.84	9.77		
1.91	9.85		
1.98	9.85		
2.05	9.85		
2.12	9.77		
2.20	9.68		
2.27	9.51		
2.34	9.34		
2.41	9.26		
2.48	9.17		
2.55	8.92		



Failure Mode

Test Summary		
Soil Description:	Clayey SAND	
Water Content, w _n	12.2	%
Total Unit Weight, γ _t	2.26	ton/m ³
Unconfined Compressive Strength, q _u	9.9	ton/m ²
Undrained Shear Strength, c _u	4.9	ton/m ²
Strain at Failure, ε _f	2.1	%
Modulus at 50% Stress Level, E ₅₀	855	ton/m ²





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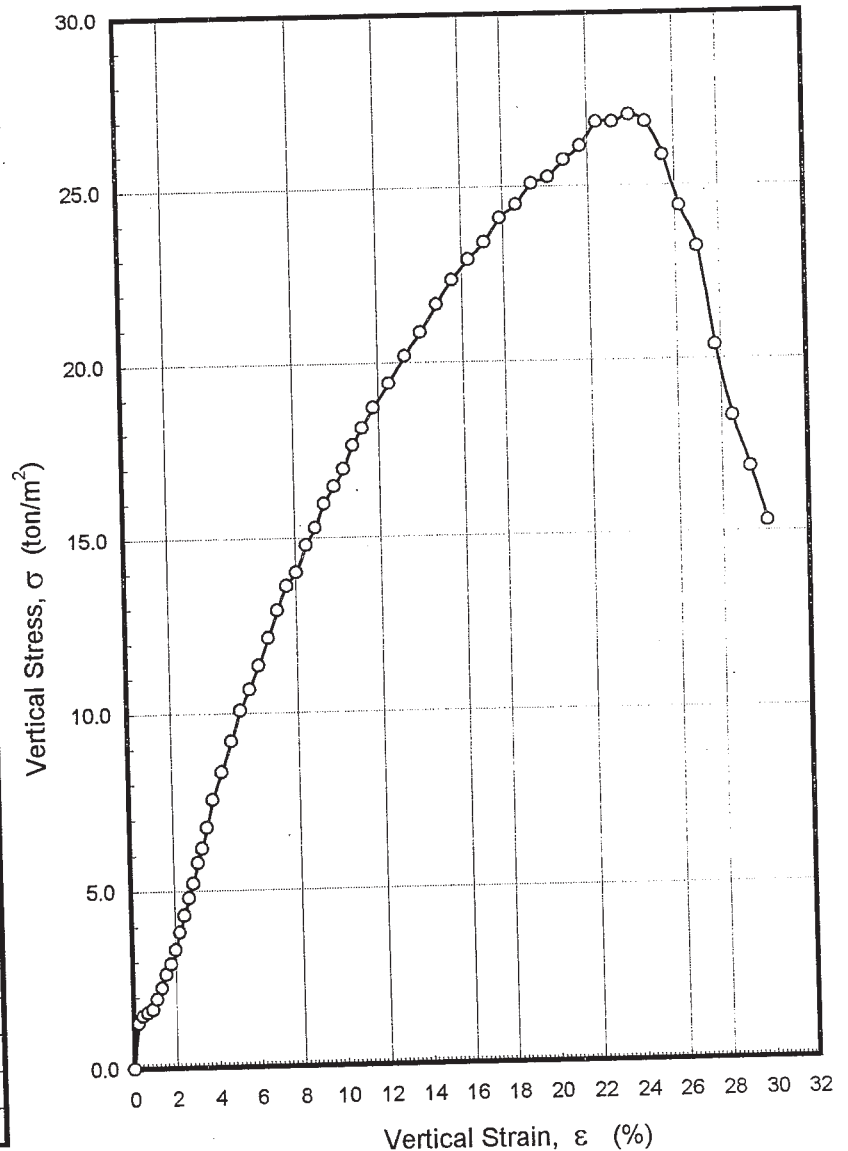
Borehole No: WT-7
 Sample No: DB-2 A
 Depth (m.): 19.00 - 19.60

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	14.08	20.86
0.23	1.27	14.84	21.64
0.46	1.47	15.60	22.33
0.68	1.57	16.36	22.92
0.91	1.66	17.12	23.41
1.14	1.96	17.88	24.09
1.37	2.25	18.65	24.48
1.60	2.64	19.41	25.07
1.83	2.94	20.17	25.27
2.05	3.33	20.93	25.76
2.28	3.82	21.69	26.15
2.51	4.31	22.45	26.83
2.74	4.80	23.21	26.83
2.97	5.19	23.97	27.03
3.20	5.78	24.73	26.83
3.42	6.17	25.49	25.85
3.65	6.76	26.26	24.39
3.96	7.54	27.02	23.21
4.41	8.32	27.78	20.37
4.87	9.21	28.54	18.31
5.33	10.09	29.30	16.84
5.78	10.67	30.06	15.28
6.24	11.36		
6.70	12.14		
7.15	12.93		
7.61	13.61		
8.07	14.00		
8.52	14.79		
8.98	15.28		
9.44	15.96		
9.89	16.45		
10.35	16.94		
10.81	17.63		
11.26	18.12		
11.80	18.71		
12.56	19.39		
13.32	20.17		



Failure Mode

Test Summary		
Soil Description:	Clayey SAND	
Water Content, w_n	13.0	%
Total Unit Weight, γ_t	2.30	ton/m ³
Unconfined Compressive Strength, q_u	27.0	ton/m ²
Undrained Shear Strength, c_u	13.5	ton/m ²
Strain at Failure, ϵ_f	24.0	%
Modulus at 50% Stress Level, E_{50}	181	ton/m ²





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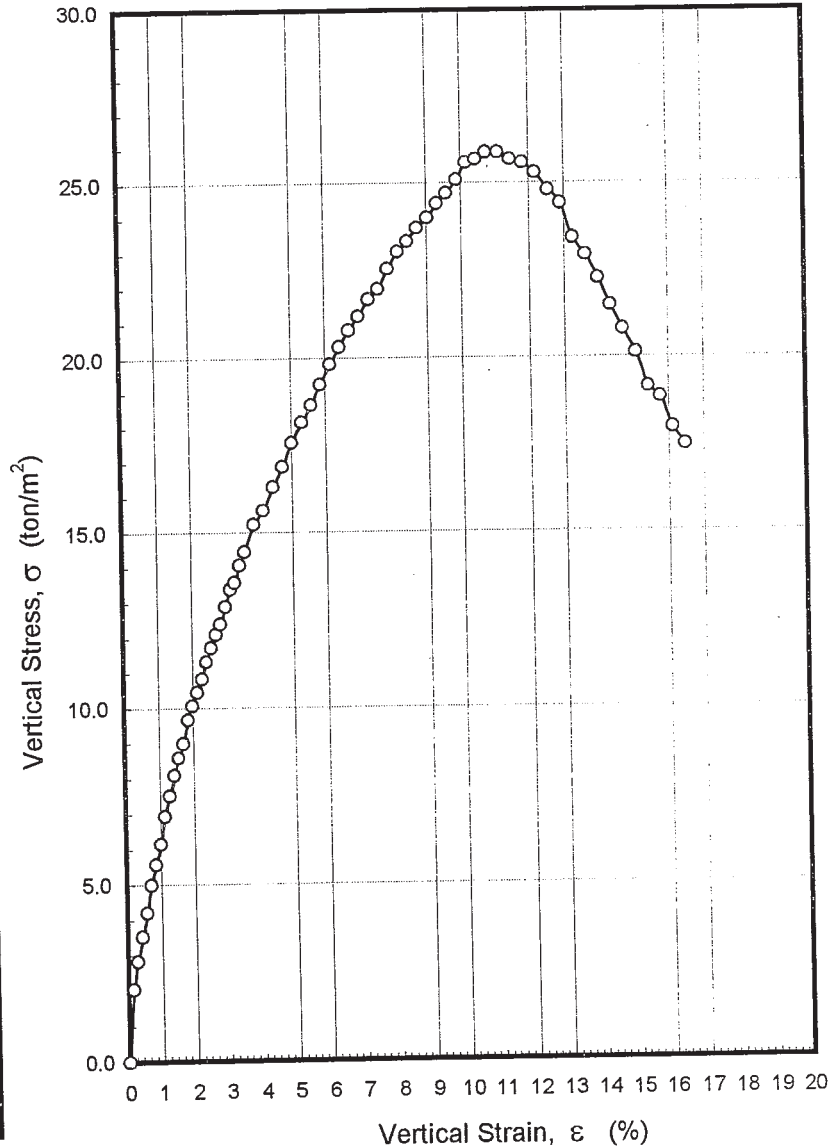
Borehole No: WT-7
 Sample No: DB-2 B
 Depth (m.): 19.00 - 19.60

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	7.03	21.18
0.14	2.05	7.31	21.66
0.29	2.83	7.60	21.96
0.43	3.51	7.89	22.54
0.57	4.20	8.17	23.03
0.72	4.98	8.46	23.32
0.86	5.56	8.75	23.71
1.00	6.15	9.03	24.01
1.15	6.93	9.32	24.40
1.29	7.51	9.61	24.69
1.43	8.10	9.89	25.08
1.58	8.59	10.18	25.57
1.72	8.98	10.47	25.67
1.86	9.66	10.75	25.86
2.01	10.05	11.11	25.86
2.15	10.44	11.47	25.67
2.29	10.83	11.83	25.57
2.44	11.32	12.19	25.28
2.58	11.71	12.54	24.79
2.72	12.10	12.90	24.40
2.87	12.39	13.26	23.42
3.01	12.88	13.62	22.93
3.15	13.37	13.98	22.25
3.30	13.56	14.34	21.47
3.44	14.05	14.70	20.79
3.58	14.44	15.05	20.10
3.87	15.22	15.41	19.13
4.16	15.61	15.77	18.83
4.44	16.30	16.13	17.96
4.73	16.88	16.49	17.47
5.02	17.57		
5.30	18.15		
5.59	18.64		
5.88	19.23		
6.16	19.81		
6.45	20.30		
6.74	20.79		



Failure Mode

Test Summary		
Soil Description:	Clayey SAND	
Water Content, w_n	12.7	%
Total Unit Weight, γ_t	2.35	ton/m ³
Unconfined Compressive Strength, q_u	25.9	ton/m ²
Undrained Shear Strength, c_u	12.9	ton/m ²
Strain at Failure, ϵ_f	11.1	%
Modulus at 50% Stress Level, E_{50}	428	ton/m ²





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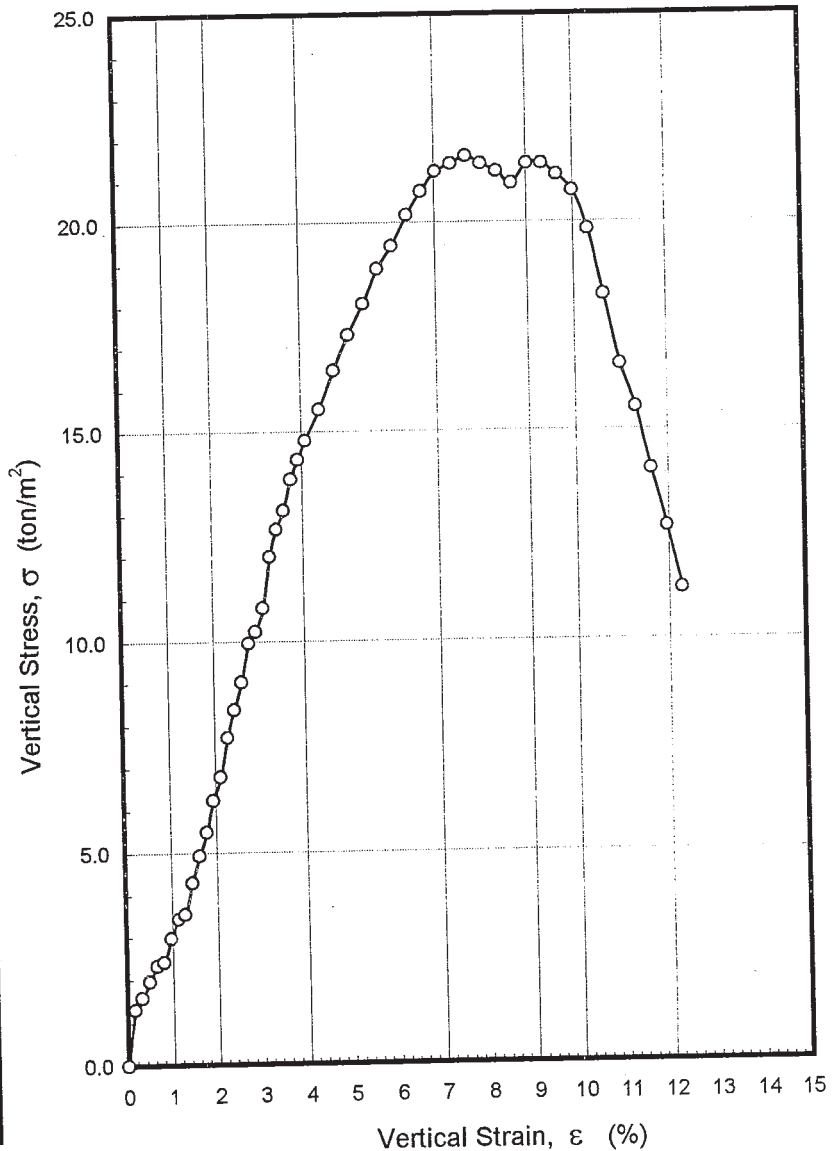
Borehole No: WT-7
 Sample No: DB-3
 Depth (m.): 23.00 - 23.40

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	8.03	21.38
0.16	1.30	8.36	21.20
0.33	1.58	8.69	20.92
0.49	1.95	9.02	21.38
0.66	2.32	9.34	21.38
0.82	2.42	9.67	21.11
0.98	2.98	10.00	20.73
1.15	3.44	10.33	19.80
1.31	3.53	10.66	18.22
1.48	4.28	10.98	16.55
1.64	4.93	11.31	15.53
1.80	5.49	11.64	14.04
1.97	6.23	11.97	12.64
2.13	6.79	12.30	11.16
2.30	7.72		
2.46	8.37		
2.62	9.02		
2.79	9.95		
2.95	10.23		
3.11	10.79		
3.28	11.99		
3.44	12.64		
3.61	13.11		
3.77	13.85		
3.93	14.32		
4.10	14.78		
4.43	15.53		
4.75	16.46		
5.08	17.29		
5.41	18.04		
5.74	18.87		
6.07	19.43		
6.39	20.18		
6.72	20.73		
7.05	21.20		
7.38	21.38		
7.70	21.57		



Failure Mode

Test Summary		
Soil Description:	Clayey SAND	
Water Content, w_n	14.1	%
Total Unit Weight, γ_t	2.19	ton/m ³
Unconfined Compressive Strength, q_u	21.6	ton/m ²
Undrained Shear Strength, c_u	10.8	ton/m ²
Strain at Failure, ϵ_f	7.7	%
Modulus at 50% Stress Level, E_{50}	346	ton/m ²





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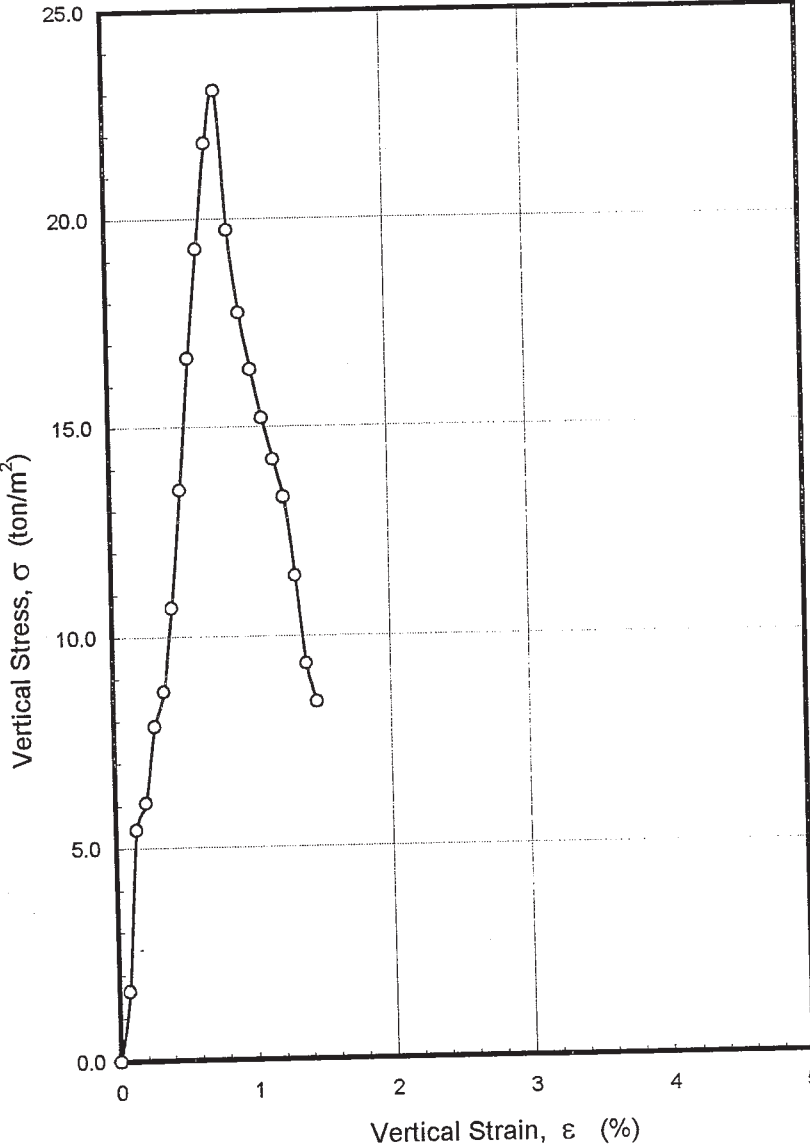
Borehole No: WT-7
 Sample No: DB-4 A
 Depth (m.): 27.15 - 27.50

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00		
0.07	1.63		
0.15	5.43		
0.22	6.06		
0.30	7.87		
0.37	8.69		
0.44	10.68		
0.52	13.48		
0.59	16.65		
0.66	19.27		
0.74	21.81		
0.81	23.07		
0.89	19.73		
0.96	17.73		
1.03	16.38		
1.11	15.20		
1.18	14.21		
1.25	13.30		
1.33	11.40		
1.40	9.32		
1.48	8.41		



Failure Mode

Test Summary			
Soil Description:	Clayey SAND		
Water Content, w _n	11.5	%	
Total Unit Weight, γ _t	2.22	ton/m ³	
Unconfined Compressive Strength, q _u	23.1	ton/m ²	
Undrained Shear Strength, c _u	11.5	ton/m ²	
Strain at Failure, ε _f	0.8	%	
Modulus at 50% Stress Level, E ₅₀	2,411	ton/m ²	





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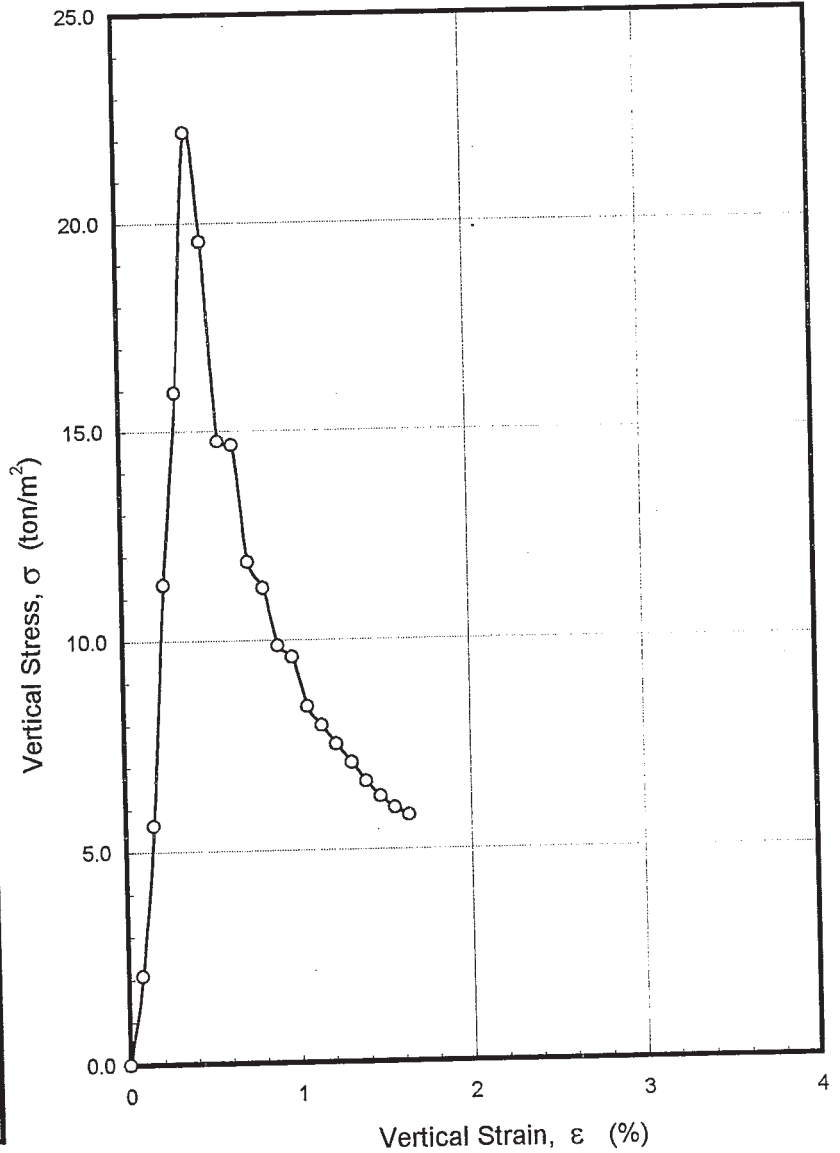
Borehole No: WT-7
 Sample No: DB-4 B
 Depth (m.): 27.15 - 27.50

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00		
0.08	2.08		
0.16	5.61		
0.25	11.31		
0.33	15.92		
0.41	22.17		
0.49	19.54		
0.58	14.75		
0.66	14.66		
0.74	11.85		
0.82	11.22		
0.90	9.86		
0.99	9.59		
1.07	8.41		
1.15	7.96		
1.23	7.51		
1.32	7.06		
1.40	6.61		
1.48	6.24		
1.56	5.97		
1.64	5.79		



Failure Mode

Test Summary		
Soil Description:	Clayey SAND	
Water Content, w_n	10.6	%
Total Unit Weight, γ_t	2.18	ton/m ³
Unconfined Compressive Strength, q_u	22.2	ton/m ²
Undrained Shear Strength, c_u	11.1	ton/m ²
Strain at Failure, ϵ_f	0.4	%
Modulus at 50% Stress Level, E_{50}	3,411	ton/m ²





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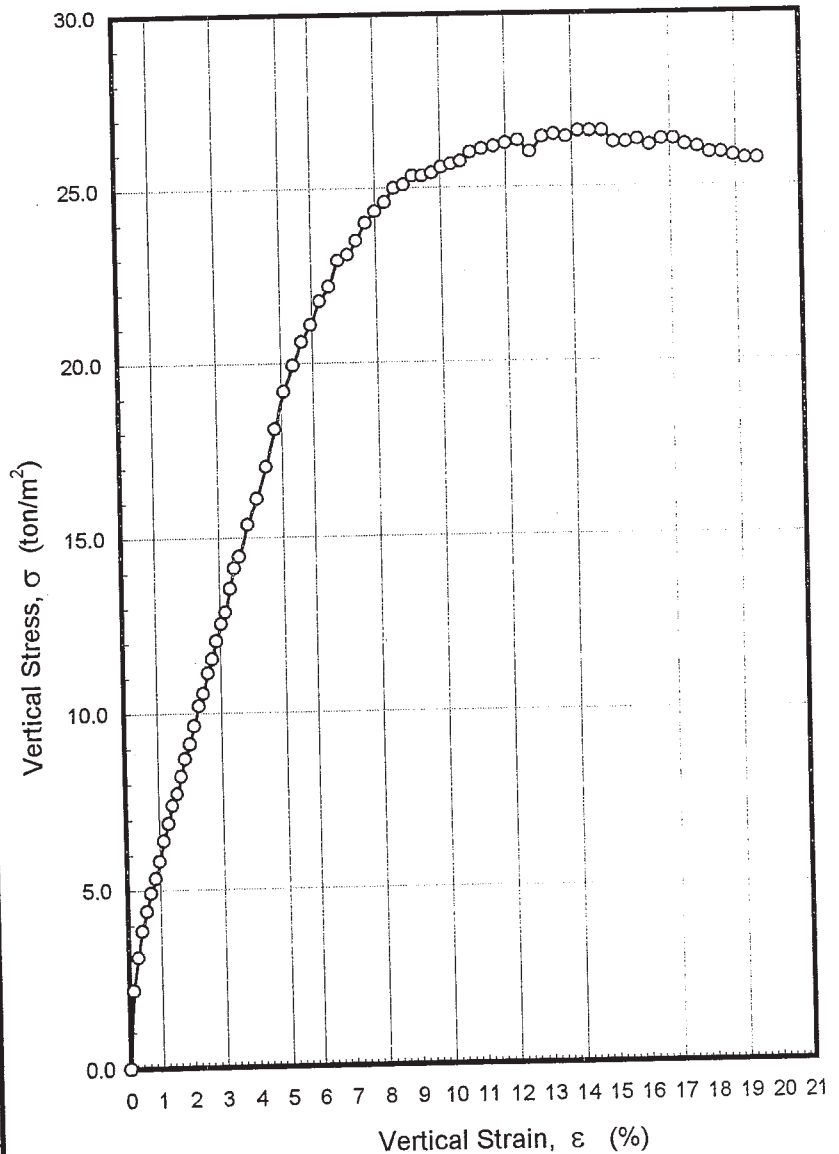
Borehole No: WT-7
 Sample No: DB-5 A
 Depth (m.): 35.50 - 35.80

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	7.14	23.09
0.15	2.16	7.43	23.50
0.29	3.07	7.73	24.00
0.44	3.82	8.02	24.33
0.58	4.40	8.31	24.58
0.73	4.90	8.60	25.00
0.87	5.31	8.89	25.08
1.02	5.81	9.18	25.33
1.17	6.39	9.48	25.33
1.31	6.89	9.77	25.41
1.46	7.39	10.06	25.58
1.60	7.72	10.35	25.66
1.75	8.22	10.64	25.74
1.90	8.72	10.93	25.99
2.04	9.13	11.30	26.07
2.19	9.63	11.66	26.16
2.33	10.21	12.03	26.24
2.48	10.55	12.39	26.32
2.62	11.13	12.76	25.99
2.77	11.54	13.12	26.41
2.92	12.04	13.48	26.49
3.06	12.54	13.85	26.41
3.21	12.87	14.21	26.57
3.35	13.54	14.58	26.57
3.50	14.12	14.94	26.57
3.64	14.45	15.31	26.24
3.94	15.36	15.67	26.24
4.23	16.11	16.03	26.32
4.52	17.02	16.40	26.16
4.81	18.10	16.76	26.32
5.10	19.18	17.13	26.32
5.39	19.93	17.49	26.16
5.69	20.59	17.86	26.07
5.98	21.09	18.22	25.91
6.27	21.76	18.59	25.91
6.56	22.17	18.95	25.83
6.85	22.92	19.31	25.74
		19.68	25.74



Failure Mode

Test Summary			
Soil Description:	Sandy CLAY		
Water Content, w_n	13.6	%	
Total Unit Weight, γ_t	2.25	ton/m ³	
Unconfined Compressive Strength, q_u	26.6	ton/m ²	
Undrained Shear Strength, c_u	13.3	ton/m ²	
Strain at Failure, ϵ_f	14.9	%	
Modulus at 50% Stress Level, E_{50}	401	ton/m ²	





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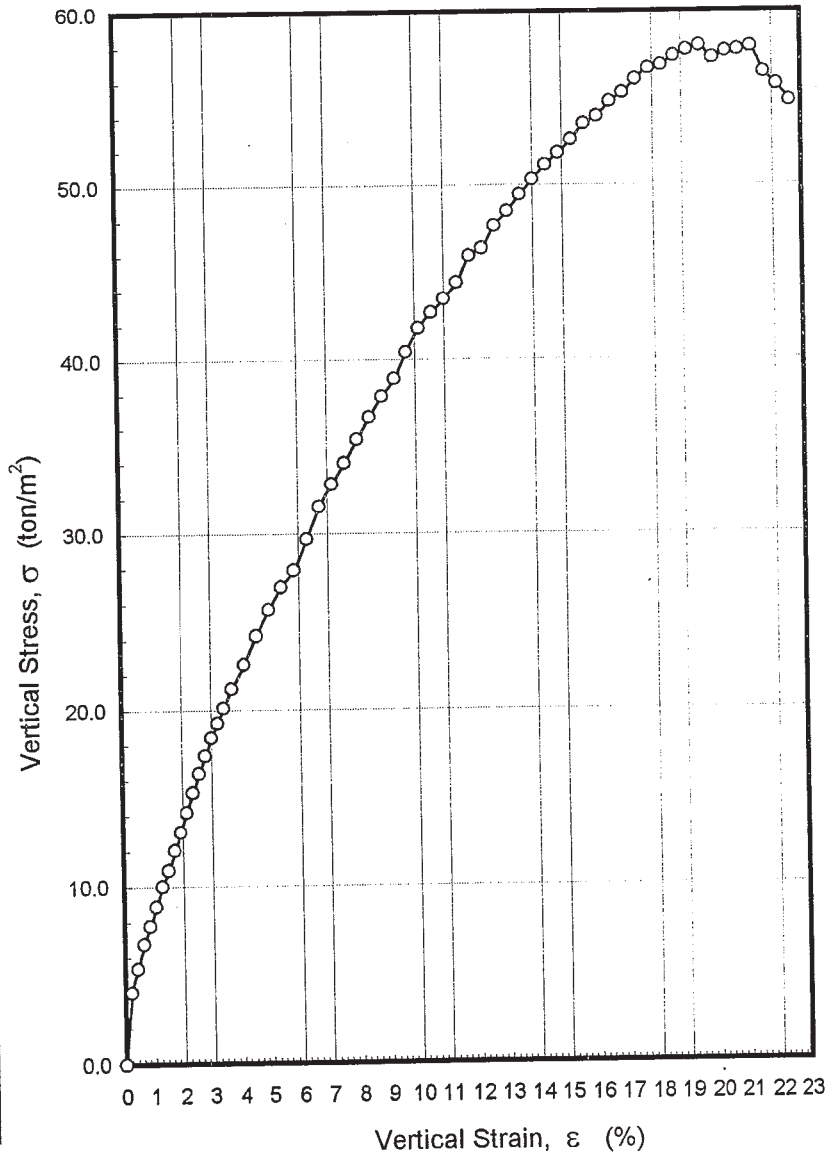
Borehole No: WT-7
 Sample No: DB-5 B
 Depth (m.): 35.50 - 35.80

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	12.31	46.37
0.21	4.01	12.74	47.64
0.43	5.37	13.17	48.50
0.64	6.73	13.60	49.43
0.86	7.76	14.03	50.29
1.07	8.86	14.46	51.14
1.29	9.97	14.89	51.82
1.50	10.91	15.32	52.59
1.72	12.02	15.75	53.52
1.93	13.04	16.18	53.95
2.15	14.15	16.61	54.80
2.36	15.26	17.04	55.31
2.58	16.36	17.47	56.08
2.79	17.39	17.90	56.68
3.01	18.41	18.32	56.85
3.22	19.26	18.75	57.36
3.44	20.11	19.18	57.70
3.72	21.22	19.61	57.96
4.15	22.59	20.04	57.27
4.58	24.21	20.47	57.62
5.01	25.65	20.90	57.70
5.44	26.93	21.33	57.87
5.87	27.87	21.76	56.42
6.30	29.66	22.19	55.74
6.73	31.54	22.62	54.80
7.16	32.81		
7.59	34.01		
8.02	35.37		
8.45	36.65		
8.88	37.84		
9.31	38.86		
9.74	40.40		
10.16	41.76		
10.59	42.70		
11.02	43.47		
11.45	44.40		
11.88	45.94		



Failure Mode

Test Summary			
Soil Description:	Sandy CLAY		
Water Content, w_n	12.7	%	
Total Unit Weight, γ_t	2.23	ton/m ³	
Unconfined Compressive Strength, q_u	58.0	ton/m ²	
Undrained Shear Strength, c_u	29.0	ton/m ²	
Strain at Failure, ϵ_f	19.6	%	
Modulus at 50% Stress Level, E_{50}	475	ton/m ²	





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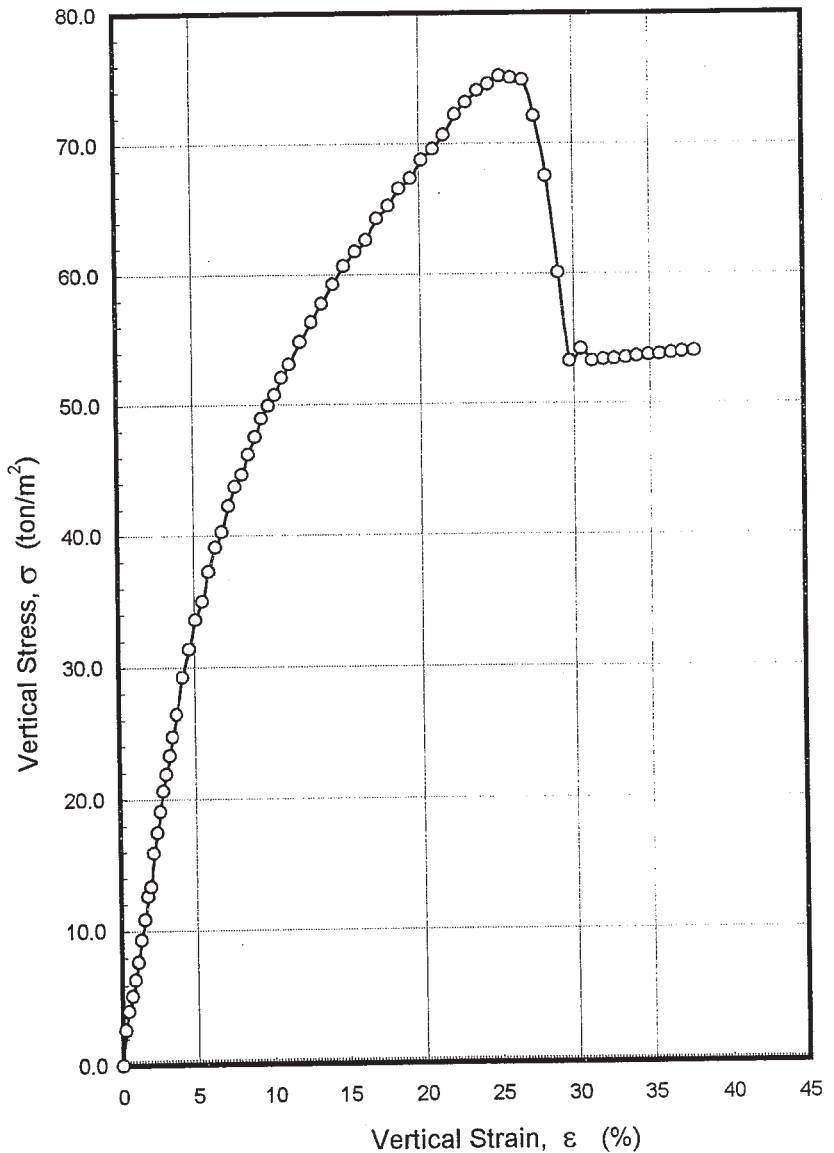
Borehole No: WT-7
 Sample No: DB-6 A
 Depth (m.): 46.20 - 46.75

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	13.60	57.69
0.22	2.65	14.34	59.18
0.44	4.06	15.07	60.59
0.66	5.13	15.81	61.75
0.88	6.37	16.54	62.58
1.10	7.70	17.28	64.23
1.32	9.35	18.01	65.23
1.54	10.84	18.75	66.55
1.76	12.58	19.49	67.29
1.99	13.33	20.22	68.70
2.21	15.89	20.96	69.53
2.43	17.47	21.69	70.61
2.65	19.04	22.43	72.18
2.87	20.61	23.16	73.09
3.09	21.85	23.90	74.00
3.31	23.26	24.63	74.50
3.53	24.67	25.37	75.16
3.82	26.40	26.10	74.99
4.26	29.22	26.84	74.83
4.71	31.37	27.57	72.01
5.15	33.61	28.31	67.46
5.59	35.01	29.04	60.01
6.03	37.25	29.78	53.22
6.47	39.07	30.51	54.13
6.91	40.23	31.25	53.22
7.35	42.21	31.99	53.31
7.79	43.70	32.72	53.39
8.24	44.61	33.46	53.47
8.68	46.19	34.19	53.55
9.12	47.51	34.93	53.64
9.56	48.92	35.66	53.72
10.00	49.91	36.40	53.80
10.44	50.74	37.13	53.89
10.88	52.06	37.87	53.97
11.40	53.06		
12.13	54.80		
12.87	56.29		



Failure Mode

Test Summary		
Soil Description:	Sandy CLAY	
Water Content, w _n	11.7	%
Total Unit Weight, γ _t	2.26	ton/m ³
Unconfined Compressive Strength, q _u	75.2	ton/m ²
Undrained Shear Strength, c _u	37.6	ton/m ²
Strain at Failure, ε _f	25.4	%
Modulus at 50% Stress Level, E ₅₀	618	ton/m ²





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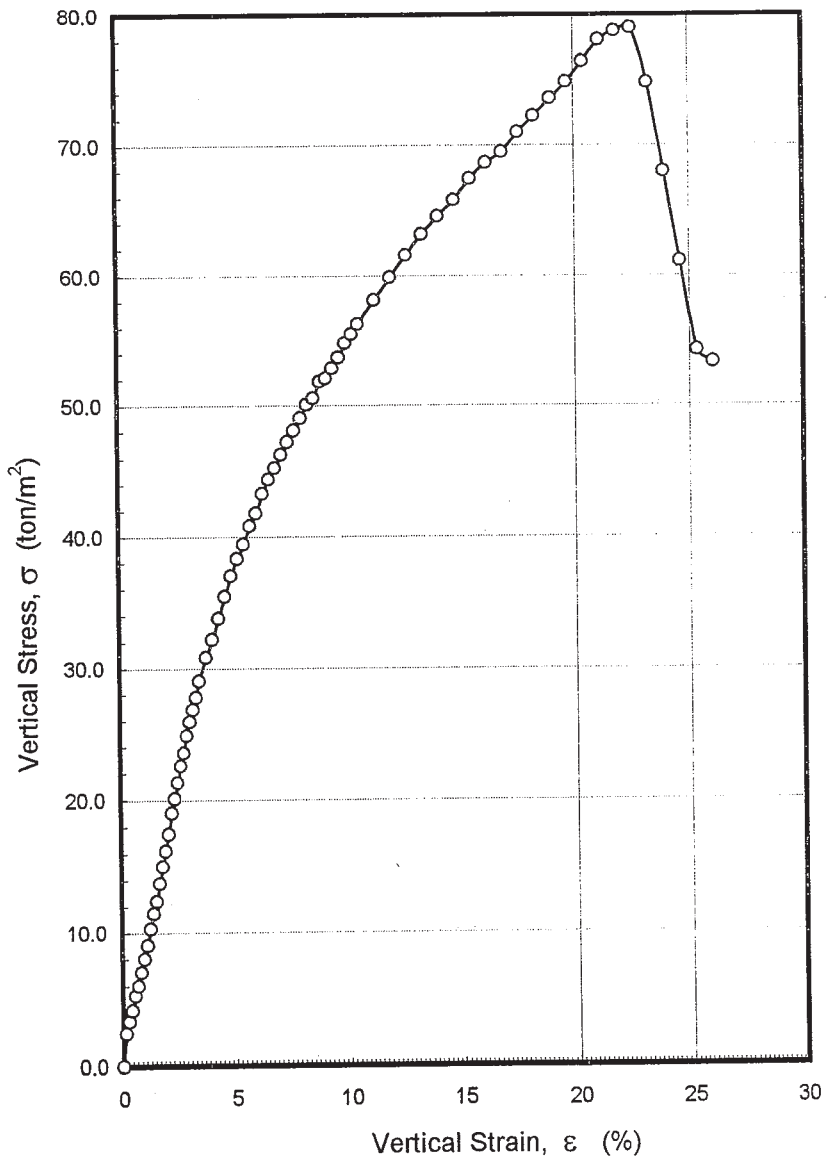
Borehole No: WT-7
 Sample No: DB-6 B
 Depth (m.): 46.20 - 46.75

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	6.90	45.24
0.14	2.45	7.18	46.25
0.28	3.29	7.46	47.26
0.42	4.14	7.75	48.11
0.56	5.23	8.03	49.04
0.70	5.99	8.31	50.05
0.85	7.01	8.59	50.56
0.99	8.02	8.87	51.82
1.13	9.03	9.15	52.07
1.27	10.30	9.44	52.83
1.41	11.48	9.72	53.68
1.55	12.41	10.00	54.78
1.69	13.76	10.28	55.45
1.83	15.02	10.56	56.21
1.97	16.20	11.27	58.07
2.11	17.47	11.97	59.84
2.25	18.99	12.68	61.53
2.39	20.09	13.38	63.13
2.54	21.27	14.08	64.48
2.68	22.53	14.79	65.75
2.82	23.55	15.49	67.44
2.96	24.81	16.20	68.62
3.10	25.91	16.90	69.46
3.24	26.84	17.61	70.98
3.38	27.77	18.31	72.25
3.52	29.03	19.01	73.60
3.80	30.81	19.72	74.86
4.08	32.16	20.42	76.38
4.37	33.76	21.13	78.07
4.65	35.45	21.83	78.74
4.93	36.97	22.54	79.00
5.21	38.32	23.24	74.78
5.49	39.41	23.94	67.94
5.77	40.85	24.65	61.02
6.06	41.78	25.35	54.18
6.34	43.30	26.06	53.26
6.62	44.39		



Failure Mode

Test Summary		
Soil Description:	Sandy CLAY	
Water Content, w_n	11.4	%
Total Unit Weight, γ_t	2.31	ton/m ³
Unconfined Compressive Strength, q_u	79.0	ton/m ²
Undrained Shear Strength, c_u	39.5	ton/m ²
Strain at Failure, ϵ_f	22.5	%
Modulus at 50% Stress Level, E_{50}	718	ton/m ²





SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Land Subsidence Siem Reab
 Location: Cambodia
 Tested by: THS Date: May-97

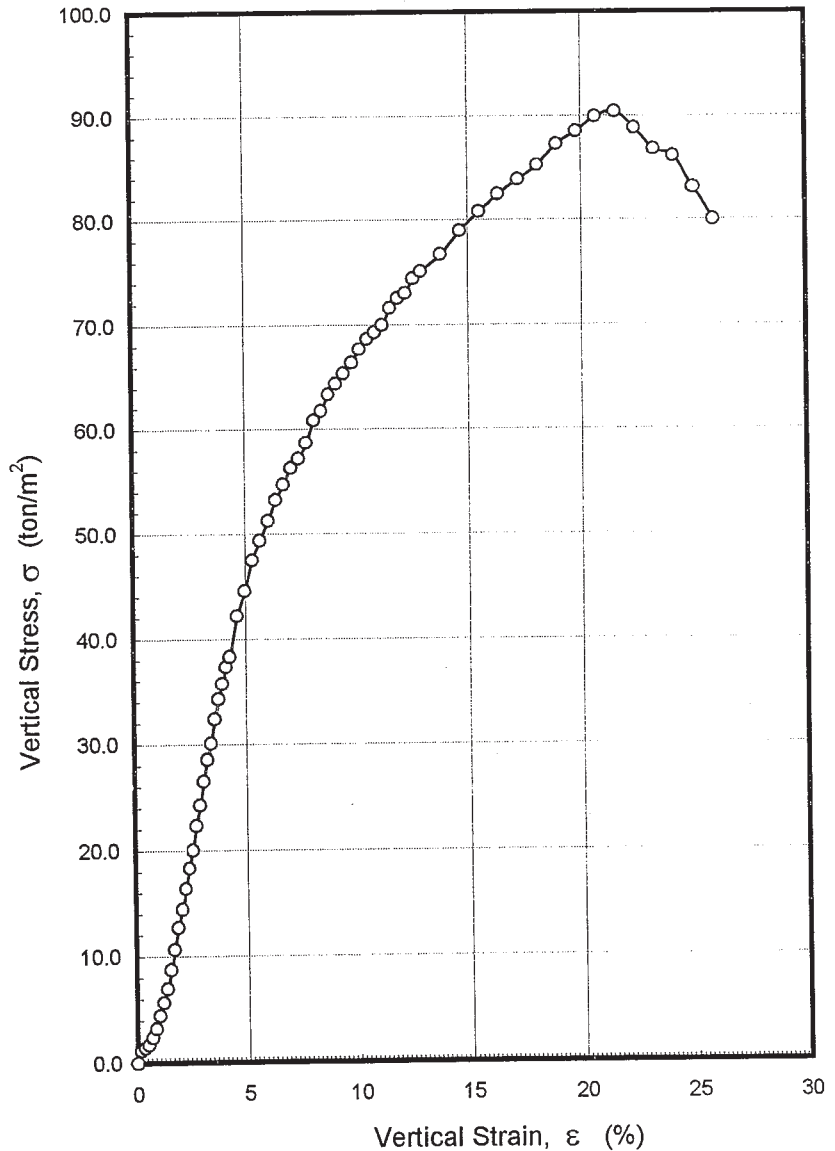
Borehole No: WT-7
 Sample No: DB-7
 Depth (m.): 48.25 - 48.50

Vertical Strain (%)	Vertical Stress (ton/m ²)	Vertical Strain (%)	Vertical Stress (ton/m ²)
0.00	0.00	8.46	61.73
0.17	1.15	8.80	63.29
0.35	1.39	9.15	64.35
0.52	1.72	9.49	65.34
0.69	2.38	9.84	66.32
0.86	3.20	10.18	67.63
1.04	4.43	10.53	68.62
1.21	5.66	10.87	69.27
1.38	6.97	11.22	69.93
1.55	8.77	11.56	71.57
1.73	10.66	11.91	72.47
1.90	12.71	12.25	72.96
2.07	14.43	12.60	74.35
2.24	16.31	12.94	75.01
2.42	18.28	13.81	76.65
2.59	20.00	14.67	78.95
2.76	22.30	15.53	80.75
2.93	24.27	16.39	82.47
3.11	26.48	17.26	83.86
3.28	28.53	18.12	85.26
3.45	30.09	18.98	87.22
3.62	32.38	19.84	88.45
3.80	34.27	20.71	89.85
3.97	35.74	21.57	90.34
4.14	37.30	22.43	88.78
4.31	38.28	23.30	86.73
4.66	42.14	24.16	86.08
5.00	44.51	25.02	83.04
5.35	47.47	25.88	79.93
5.69	49.35		
6.04	51.24		
6.38	53.20		
6.73	54.68		
7.08	56.24		
7.42	57.14		
7.77	58.70		
8.11	60.83		



Failure Mode

Test Summary		
Soil Description:	Sandy CLAY	
Water Content, w_n	11.2	%
Total Unit Weight, γ_t	2.30	ton/m ³
Unconfined Compressive Strength, q_u	90.3	ton/m ²
Undrained Shear Strength, c_u	45.2	ton/m ²
Strain at Failure, ϵ_f	21.6	%
Modulus at 50% Stress Level, E_{50}	890	ton/m ²






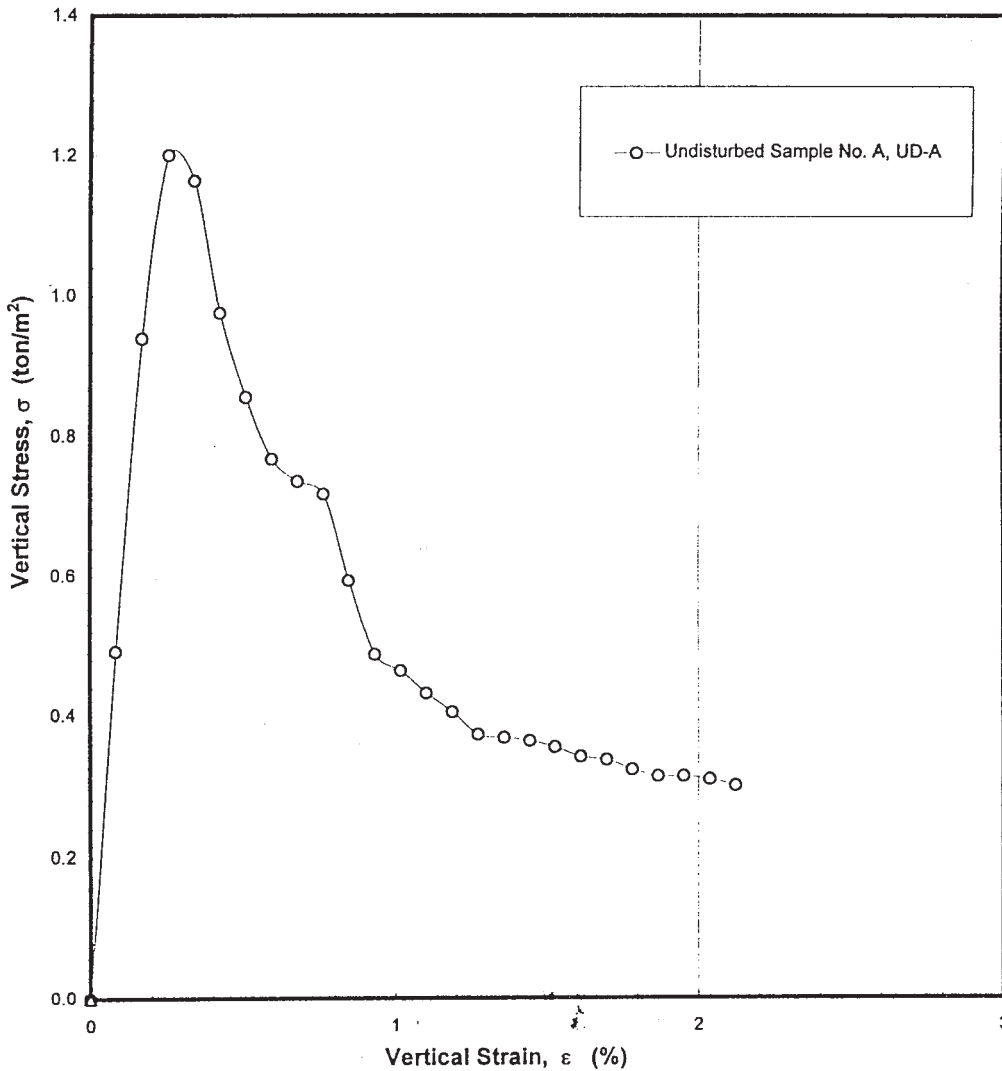
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubside at Siem Reap
Location: Cambodia
Tested by: Jintana
Date: Aug-97

Borehole No: WT-1
Sample No.: DB-1
Depth: 21.70 - 22.00 m.

Test Summary		
Soil Description:	Silty SAND	
Test No.	UD-A	
Water Content, w_n	7.6	%
Total Unit Weight, γ_t	1.99	ton/m ³
Unconfined Compressive Strength, q_u	1.2	ton/m ²
Undrained Shear Strength, c_u	0.6	ton/m ²
Strain at Failure, ϵ_f	0.3	%
Modulus at 50% Stress Level, E_{50}	579	ton/m ²
Failure Mode		





SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsideance at Siem Reap

Borehole No: WT-1


Location: Cambodia

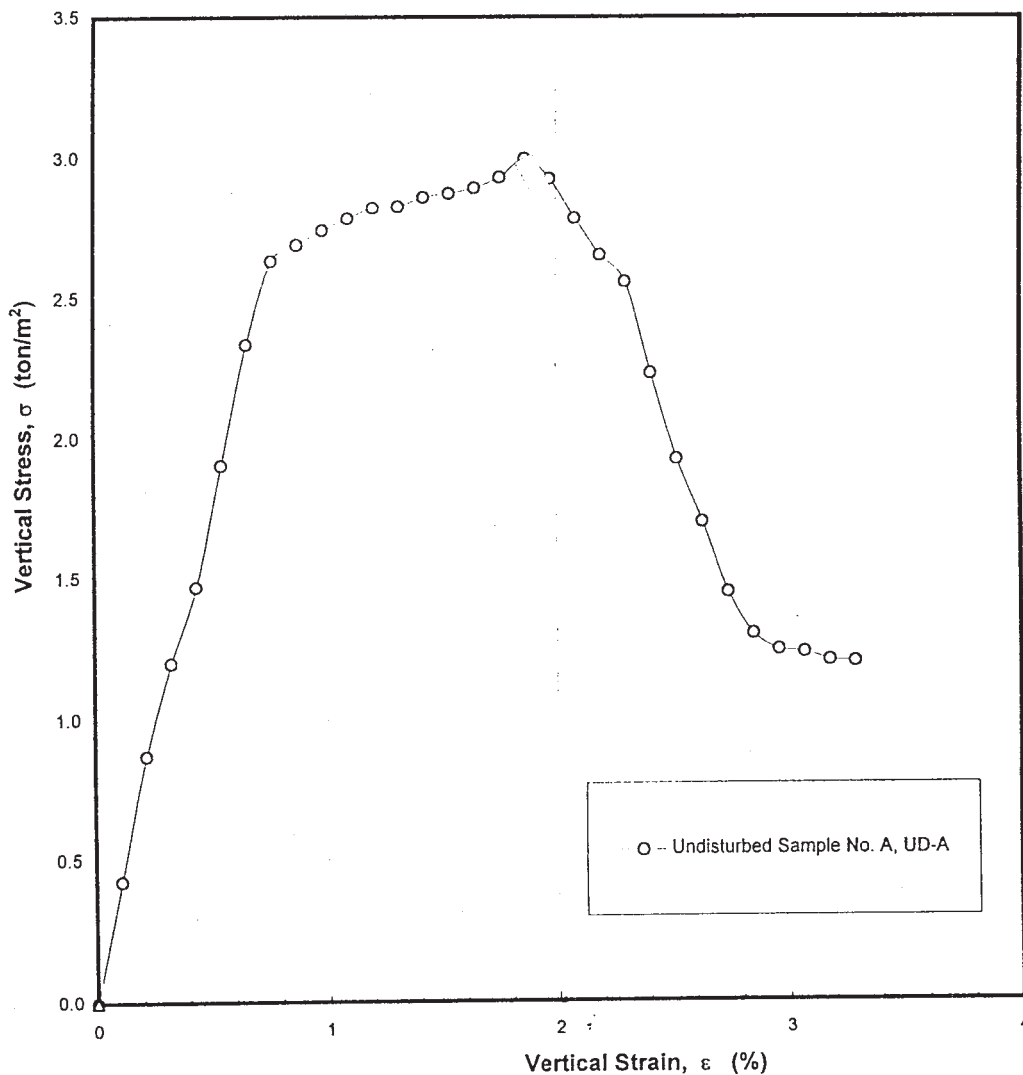
Sample No.: DB-2

Tested by: Jintana

Depth: 23.30 - 23.60

Date: Aug-97

Test Summary		
Soil Description:	Silty SAND	
Test No.	UD-A	
Water Content, w_n	4.6	%
Total Unit Weight, γ_t	1.94	ton/m ³
Unconfined Compressive Strength, q_u	3.0	ton/m ²
Undrained Shear Strength, c_u	1.5	ton/m ²
Strain at Failure, ϵ_f	1.9	%
Modulus at 50% Stress Level, E_{50}	335	ton/m ²
Failure Mode		







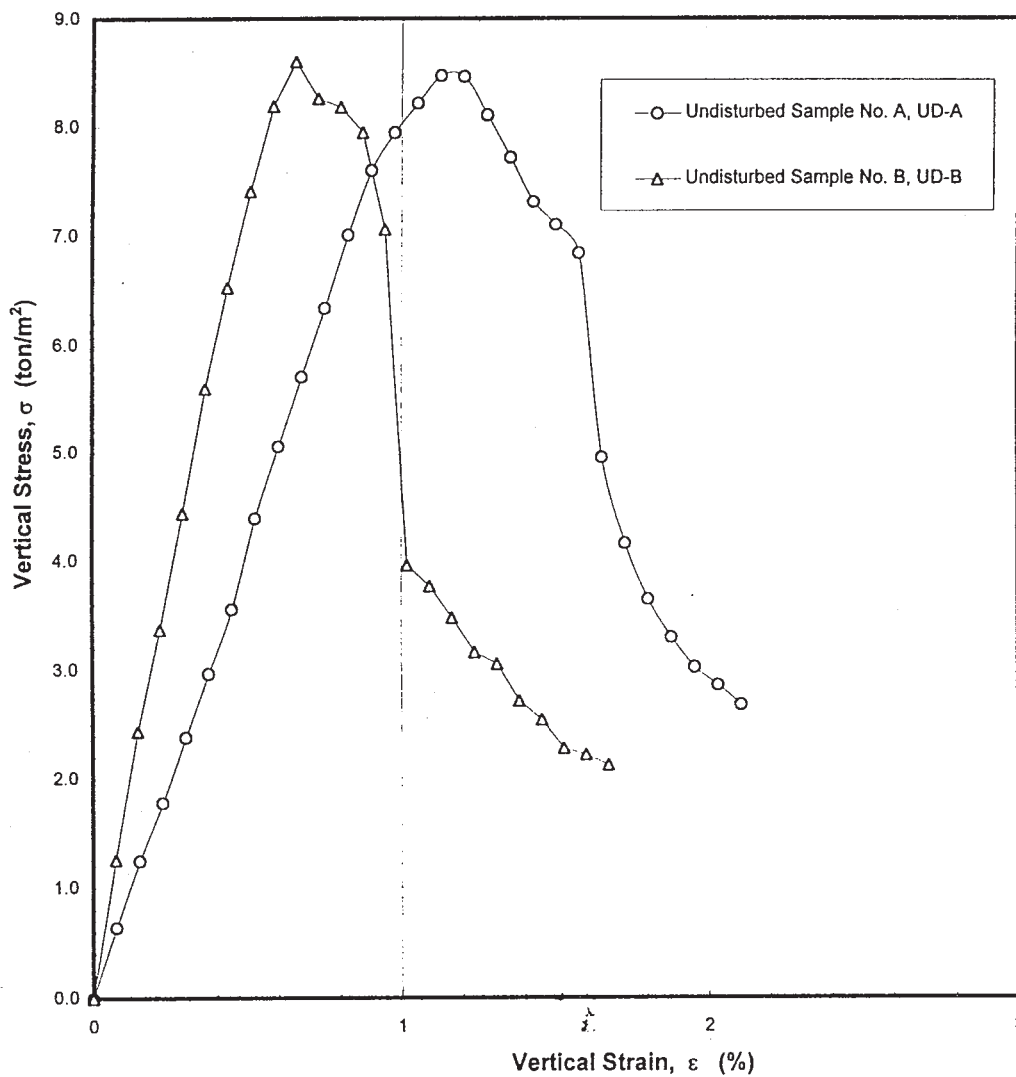
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubside at Siem Reap
 Location: Cambodia
 Tested by: Jintana
 Date: Aug-97

Borehole No: WT-1
 Sample No.: DB-4
 Depth: 46.00 - 46.30 m.

Test Summary			
Soil Description:	Sandy CLAY		
Test No.	UD-A	UD-B	
Water Content, w_n	8.5	7.6	%
Total Unit Weight, γ_t	2.20	1.81	ton/m ³
Unconfined Compressive Strength, q_u	8.5	8.6	ton/m ²
Undrained Shear Strength, c_u	4.2	4.3	ton/m ²
Strain at Failure, ϵ_f	1.1	0.7	%
Modulus at 50% Stress Level, E_{50}	788	1430	ton/m ²
Failure Mode			







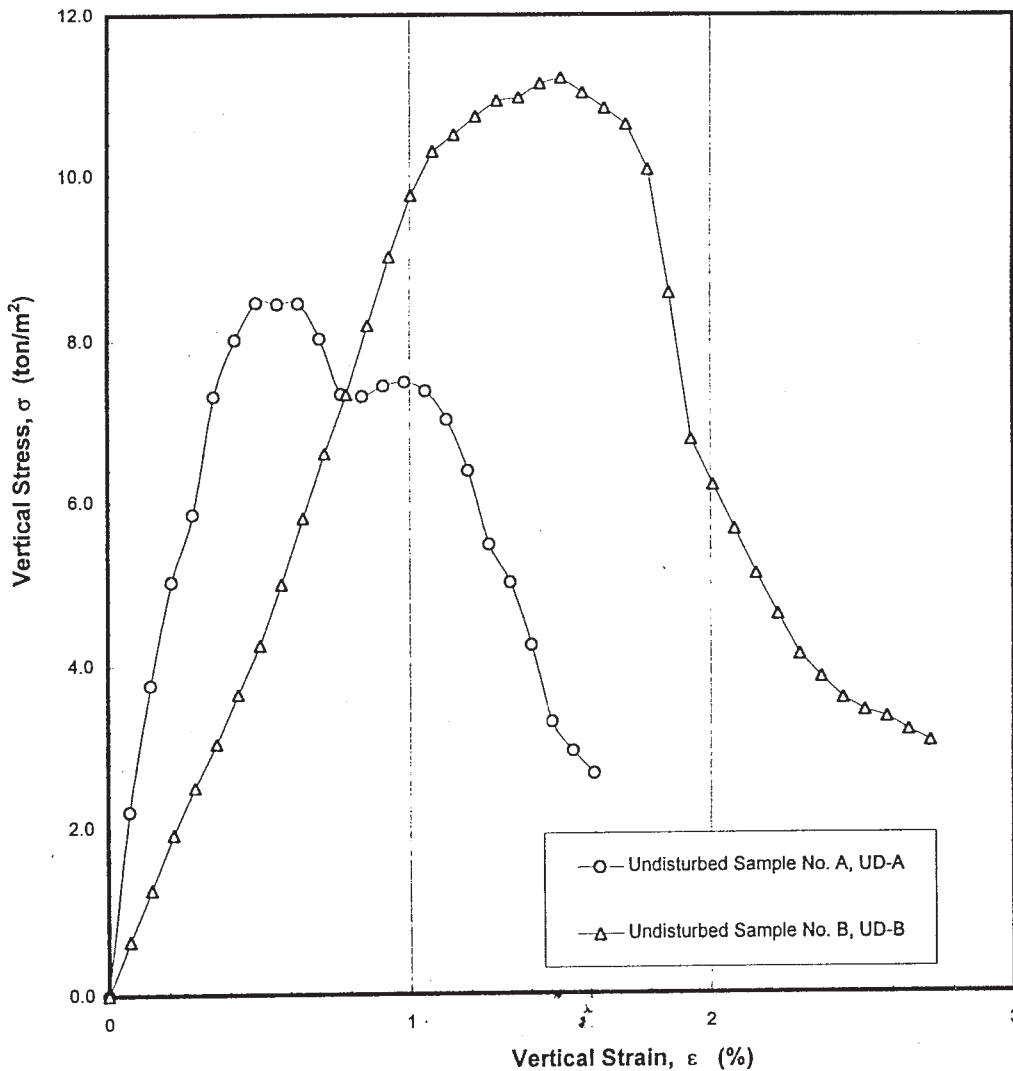
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubside at Siem Reap
 Location: Cambodia
 Tested by: Jintana
 Date: Aug-97

Borehole No: WT-1
 Sample No.: DB-5
 Depth: 49.50 - 50.00 m.

Test Summary			
Soil Description:	Sandy CLAY		
Test No.	UD-A	UD-B	
Water Content, w_n	7.8	8.0	%
Total Unit Weight, γ_t	2.29	1.90	ton/m ³
Unconfined Compressive Strength, q_u	8.5	11.2	ton/m ²
Undrained Shear Strength, c_u	4.2	5.6	ton/m ²
Strain at Failure, ϵ_f	0.5	1.5	%
Modulus at 50% Stress Level, E_{50}	2682	271	ton/m ²
Failure Mode			







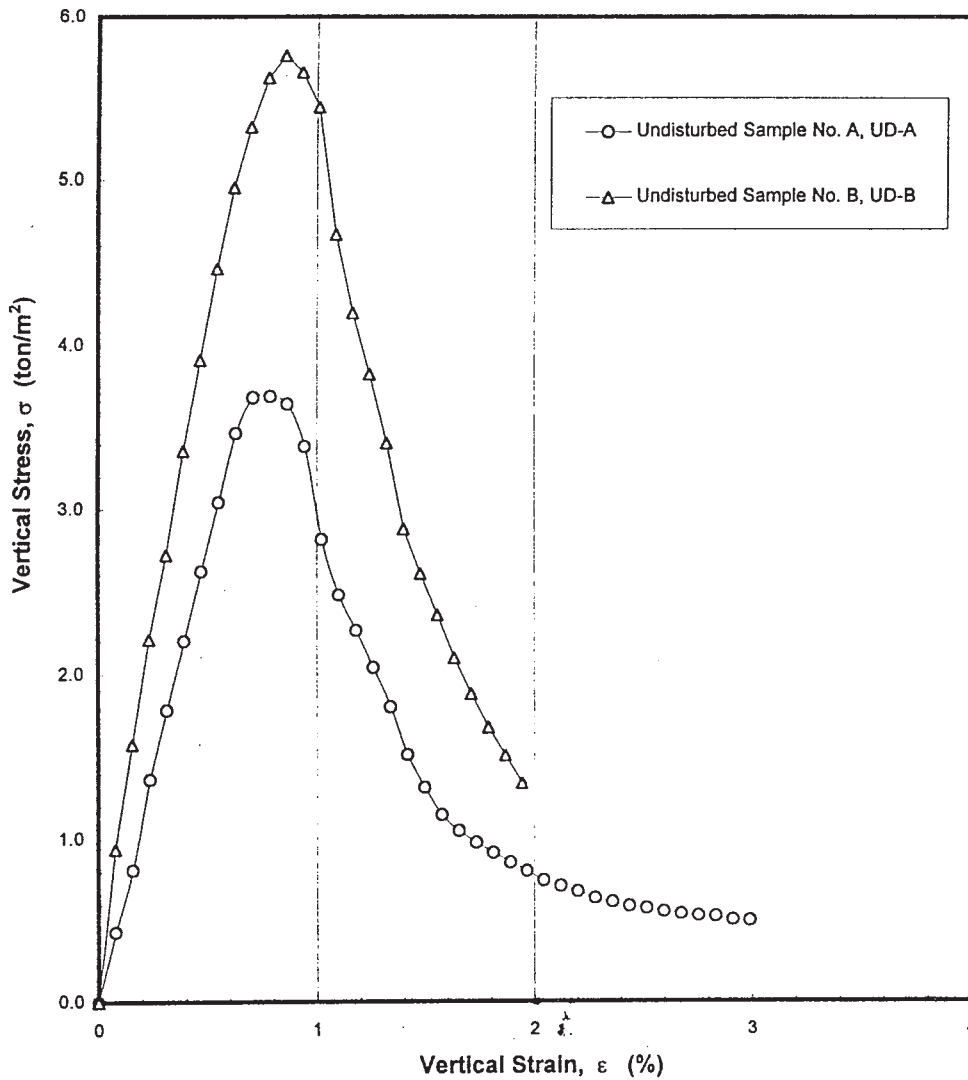
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidence at Siem Reap
 Location: Cambodia
 Tested by: Jintana
 Date: Aug-97

Borehole No: WT-1
 Sample No.: DB-6
 Depth: 54.30 - 54.70 m.

Test Summary			
Soil Description:	Sandy CLAY		
Test No.	UD-A	UD-B	
Water Content, w_n	9.2	8.4	%
Total Unit Weight, γ_t	2.22	2.21	ton/m ³
Unconfined Compressive Strength, q_u	3.7	5.8	ton/m ²
Undrained Shear Strength, c_u	1.8	2.9	ton/m ²
Strain at Failure, ϵ_f	0.8	0.9	%
Modulus at 50% Stress Level, E_{50}	568	206	ton/m ²
Failure Mode			





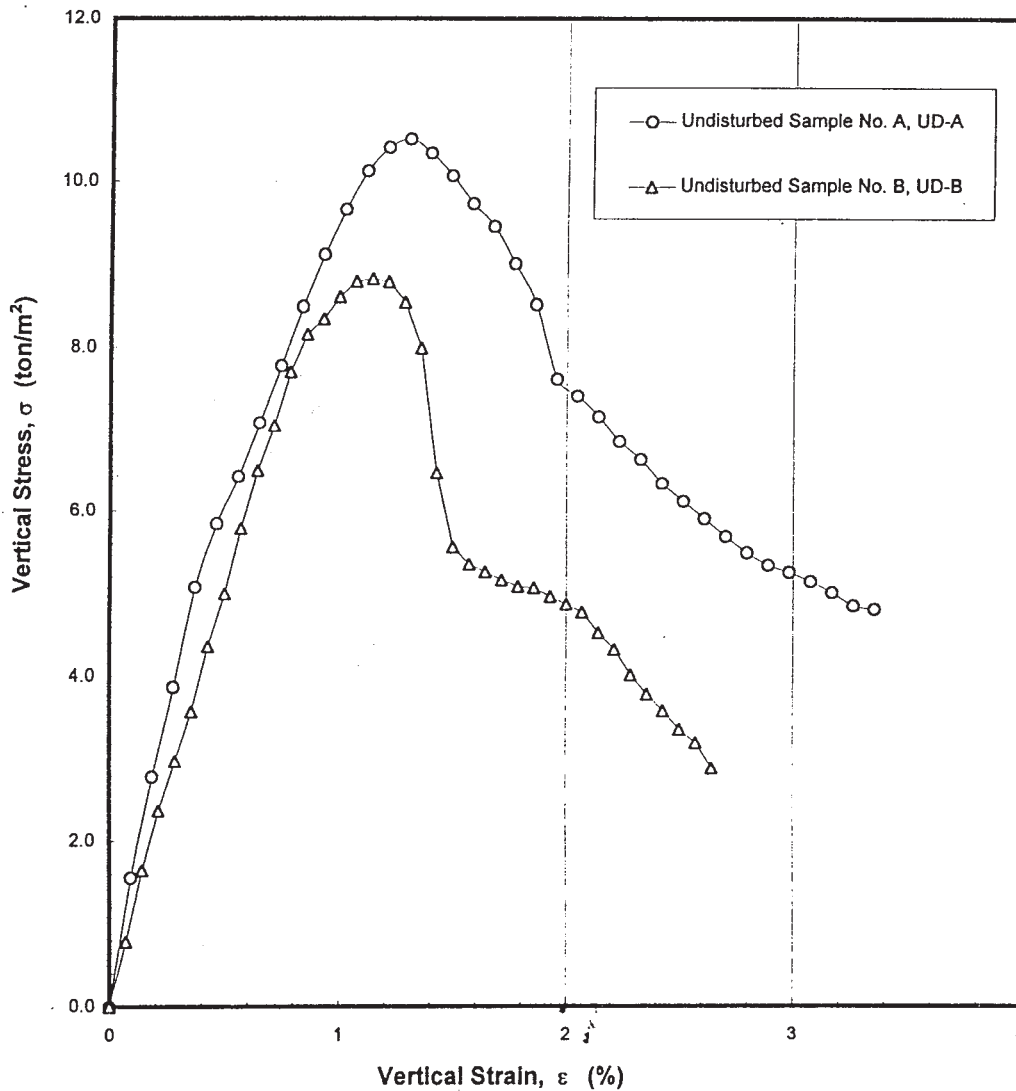
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidece at Siem Reap
 Location: Cambodia
 Tested by: Jintana
 Date: Aug-97

Borehole No: WT-1
 Sample No.: DB-7
 Depth: 62.00 - 62.30 m.

Test Summary			
Soil Description:	Sandy CLAY		
Test No.	UD-A	UD-B	
Water Content, w_n	7.7	9.1	%
Total Unit Weight, γ_t	2.19	2.21	ton/m ³
Unconfined Compressive Strength, q_u	10.5	8.8	ton/m ²
Undrained Shear Strength, c_u	5.3	4.4	ton/m ²
Strain at Failure, ϵ_f	1.3	1.1	%
Modulus at 50% Stress Level, E_{50}	1359	1015	ton/m ²
Failure Mode			






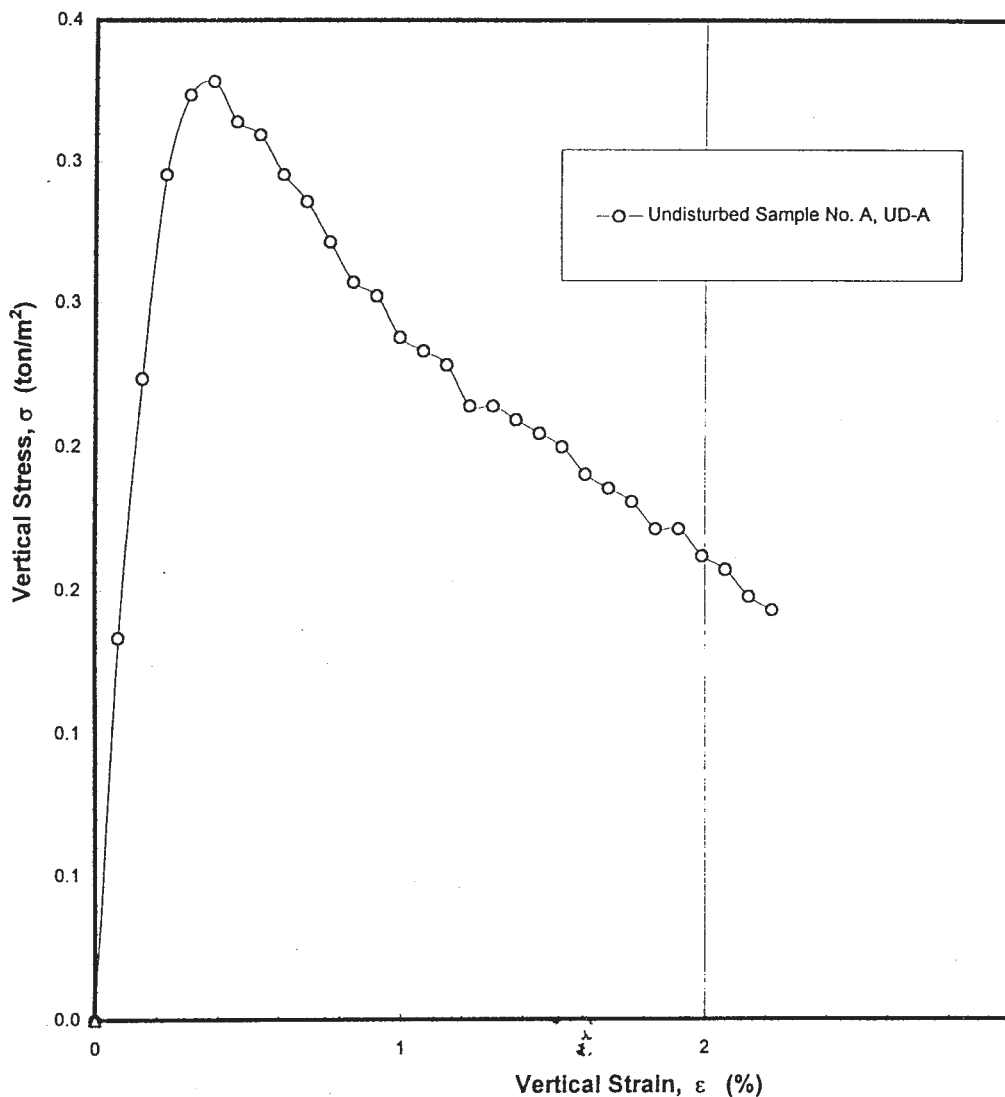
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubside at Siem Reap
Location: Cambodia
Tested by: Jintana
Date: Aug-97

Borehole No: WT-2
Sample No: DB-1
Depth: 6.85 - 7.00 m.

Test Summary		
Soil Description:	Clayey SAND	
Test No.	UD-A	
Water Content, w_n	13.1	%
Total Unit Weight, γ_t	2.15	ton/m ³
Unconfined Compressive Strength, q_u	0.3	ton/m ²
Undrained Shear Strength, c_u	0.2	ton/m ²
Strain at Failure, ϵ_f	0.4	%
Modulus at 50% Stress Level, E_{50}	174	ton/m ²
Failure Mode		






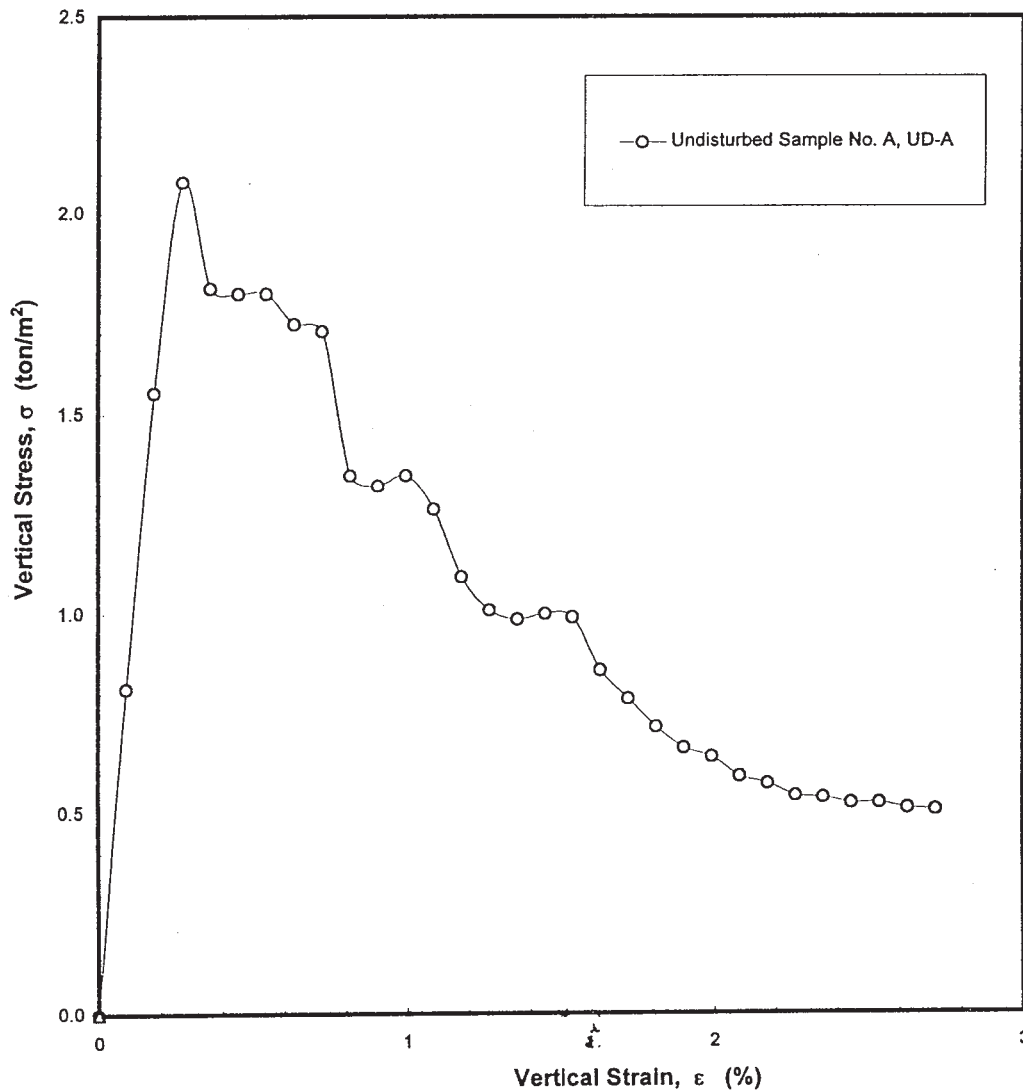
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidence at Siem Reap
 Location: Cambodia
 Tested by: Jintana

Borehole No: WT-2
 Sample No: DB-3
 Depth: 25.50 - 25.80 m.

Test Summary		
Soil Description:	Clayey SAND	
Test No.	UD-A	
Water Content, w_n	8.0	%
Total Unit Weight, γ_t	2.13	ton/m ³
Unconfined Compressive Strength, q_u	2.1	ton/m ²
Undrained Shear Strength, c_u	1.0	ton/m ²
Strain at Failure, ϵ_f	0.3	%
Modulus at 50% Stress Level, E_{50}	896	ton/m ²
Failure Mode		






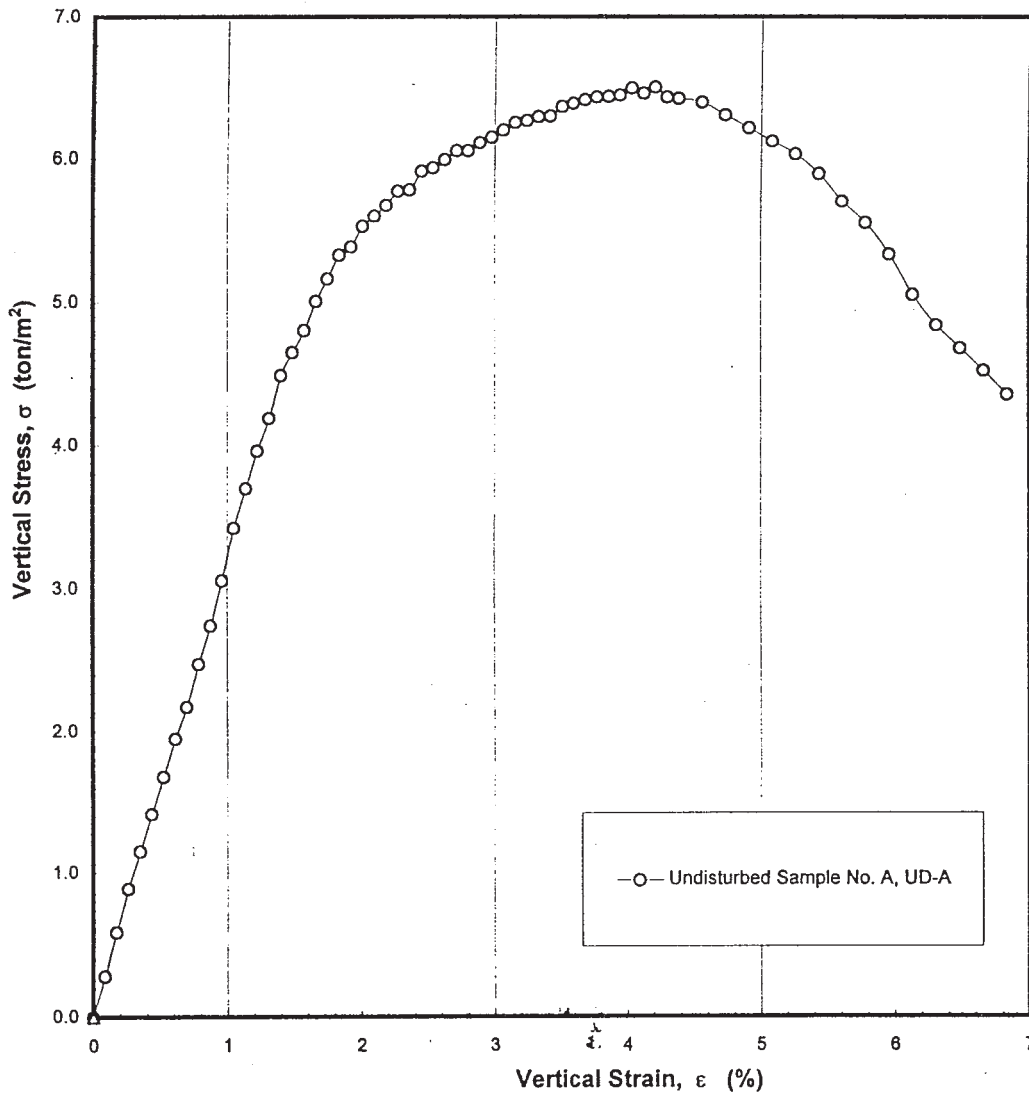
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubside at Siem Reap
Location: Cambodia
Tested by: Jintana Date: Aug-97

Borehole No: WT-2
Sample No: DB-4
Depth: 36.70 - 37.00 m.

Test Summary		
Soil Description:	Clayey SAND	
Test No.	UD-A	
Water Content, w_n	8.3	%
Total Unit Weight, γ_t	2.14	ton/m ³
Unconfined Compressive Strength, q_u	6.5	ton/m ²
Undrained Shear Strength, c_u	3.3	ton/m ²
Strain at Failure, ϵ_f	4.2	%
Modulus at 50% Stress Level, E_{50}	317	ton/m ²
Failure Mode		





SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidence at Siem Reap


Location: Cambodia

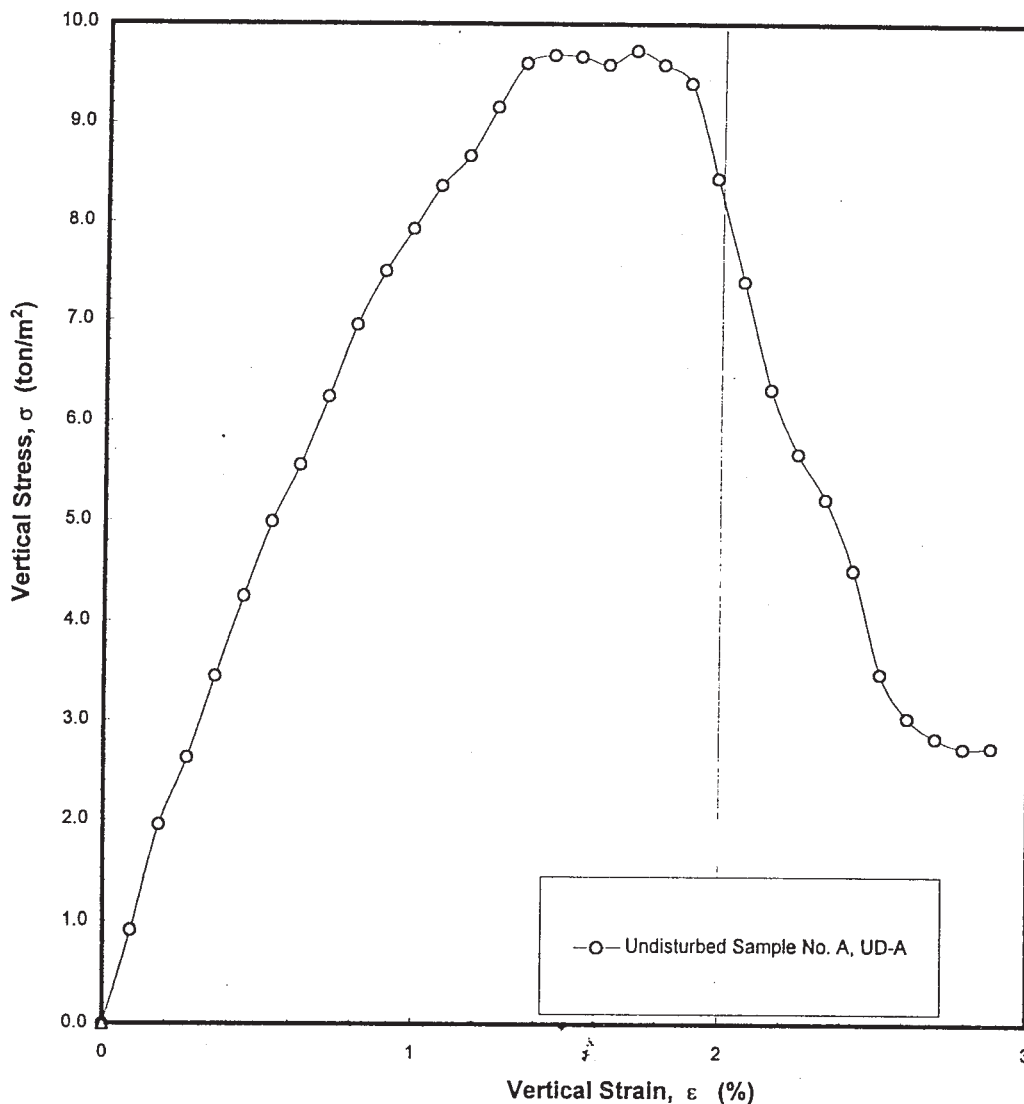
Tested by: Jintana Date: Aug-97

Borehole No: WT-2

Sample No: DB-5

Depth: 41.70 - 41.90 m.

Test Summary		
Soil Description:	Sandy CLAY	
Test No.	UD-A	
Water Content, w_n	6.5	%
Total Unit Weight, γ_t	2.18	ton/m ³
Unconfined Compressive Strength, q_u	9.7	ton/m ²
Undrained Shear Strength, c_u	4.9	ton/m ²
Strain at Failure, ϵ_f	1.7	%
Modulus at 50% Stress Level, E_{50}	944	ton/m ²
Failure Mode		







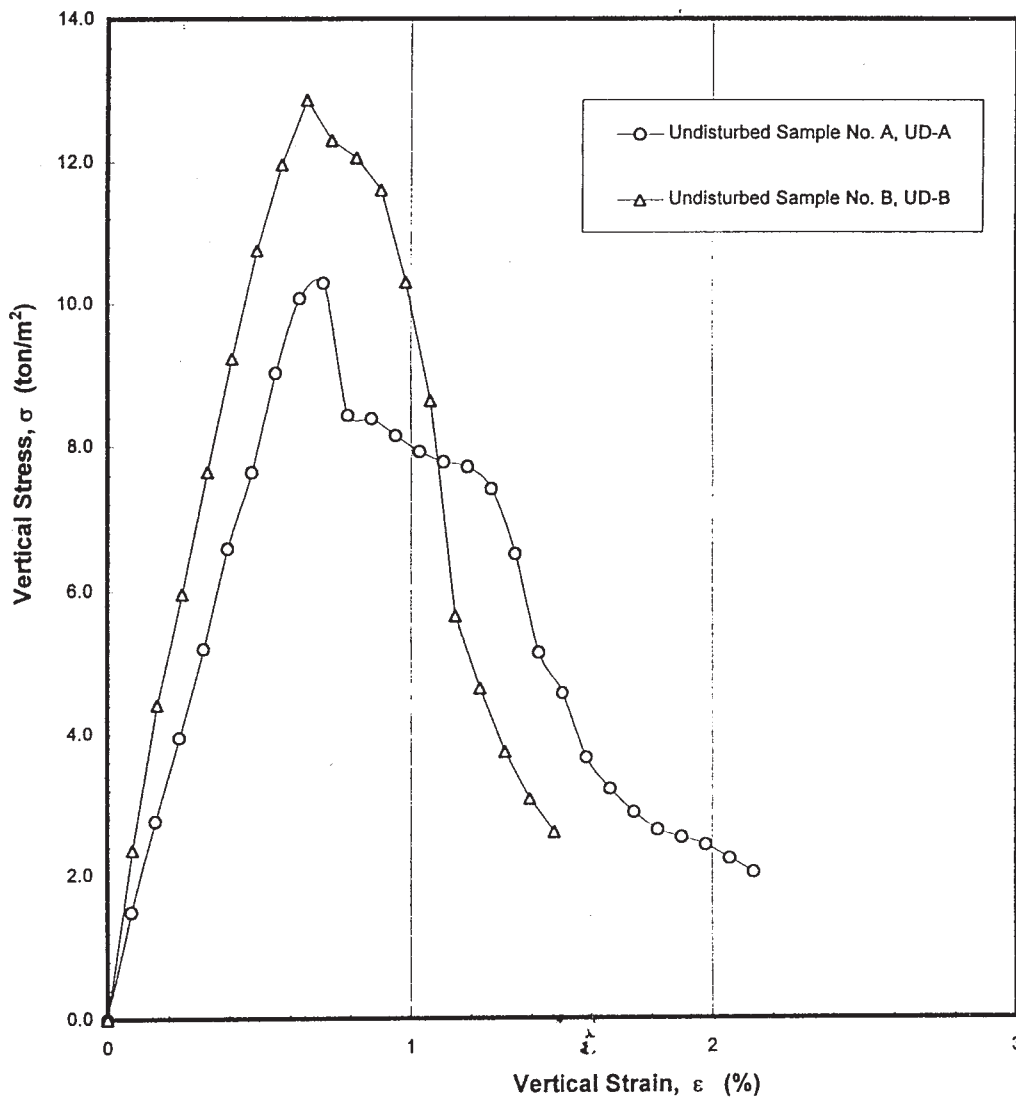
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidence at Siem Reap
 Location: Cambodia
 Tested by: Jintana Date: Aug-97

Borehole No: WT-2
 Sample No: DB-6
 Depth: 48.15 - 46.16 m.

Test Summary			
Soil Description:	Silty CLAY with sand		
Test No.	UD-A	UD-B	
Water Content, w_n	6.6	7.2	%
Total Unit Weight, γ_t	2.25	2.23	ton/m ³
Unconfined Compressive Strength, q_u	10.3	12.9	ton/m ²
Undrained Shear Strength, c_u	5.1	6.4	ton/m ²
Strain at Failure, ϵ_f	0.7	0.7	%
Modulus at 50% Stress Level, E_{50}	1662	2427	ton/m ²
Failure Mode			







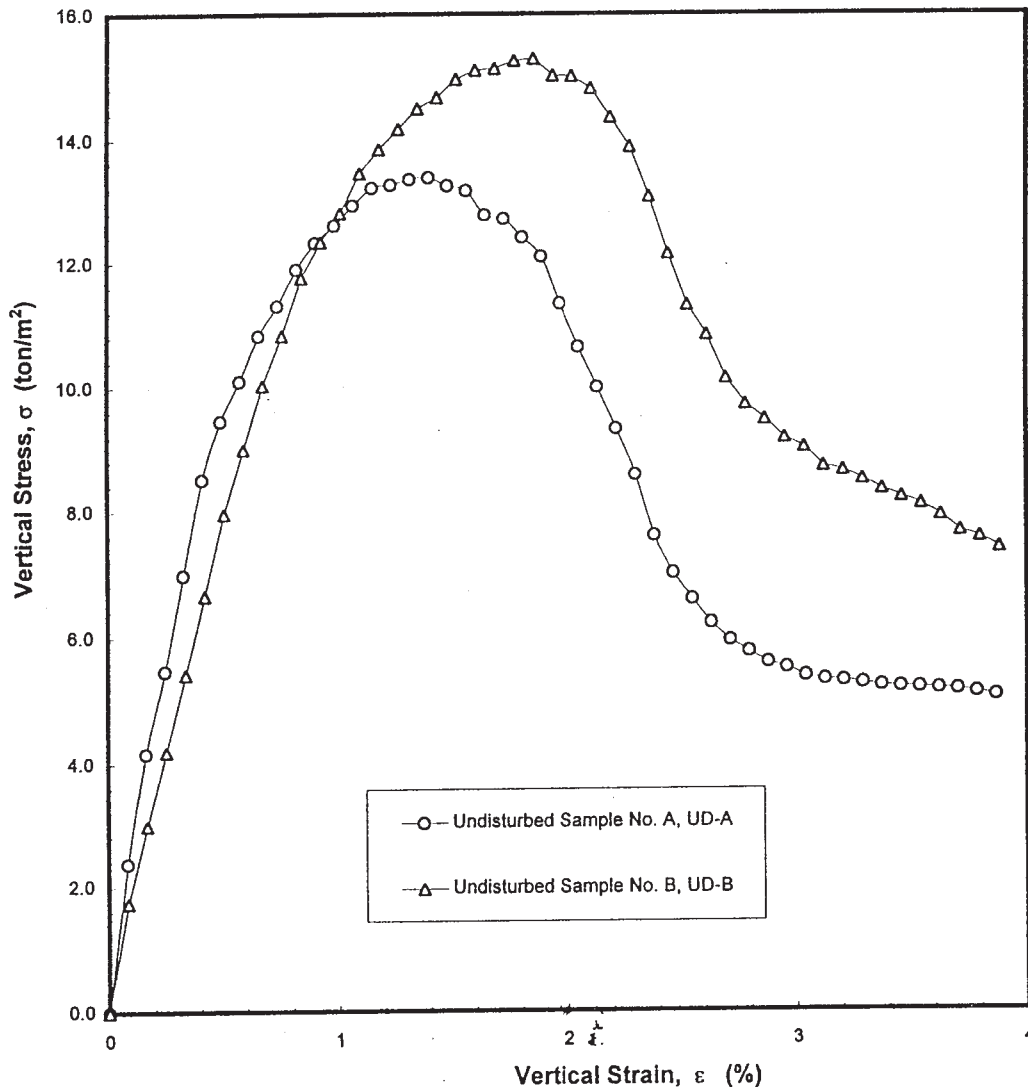
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidence at Siem Reap
 Location: Cambodia
 Tested by: Jintana Date: Aug-97

Borehole No: WT-2
 Sample No: DB-7
 Depth: 50.20 - 50.55 m.

Test Summary			
Soil Description:	Sandy CLAY		
Test No.	UD-A	UD-B	
Water Content, w_n	9.7	8.2	%
Total Unit Weight, γ_t	2.26	2.29	ton/m ³
Unconfined Compressive Strength, q_u	13.4	15.3	ton/m ²
Undrained Shear Strength, c_u	6.7	7.6	ton/m ²
Strain at Failure, ϵ_f	1.4	1.9	%
Modulus at 50% Stress Level, E_{50}	2218	217	ton/m ²
Failure Mode			





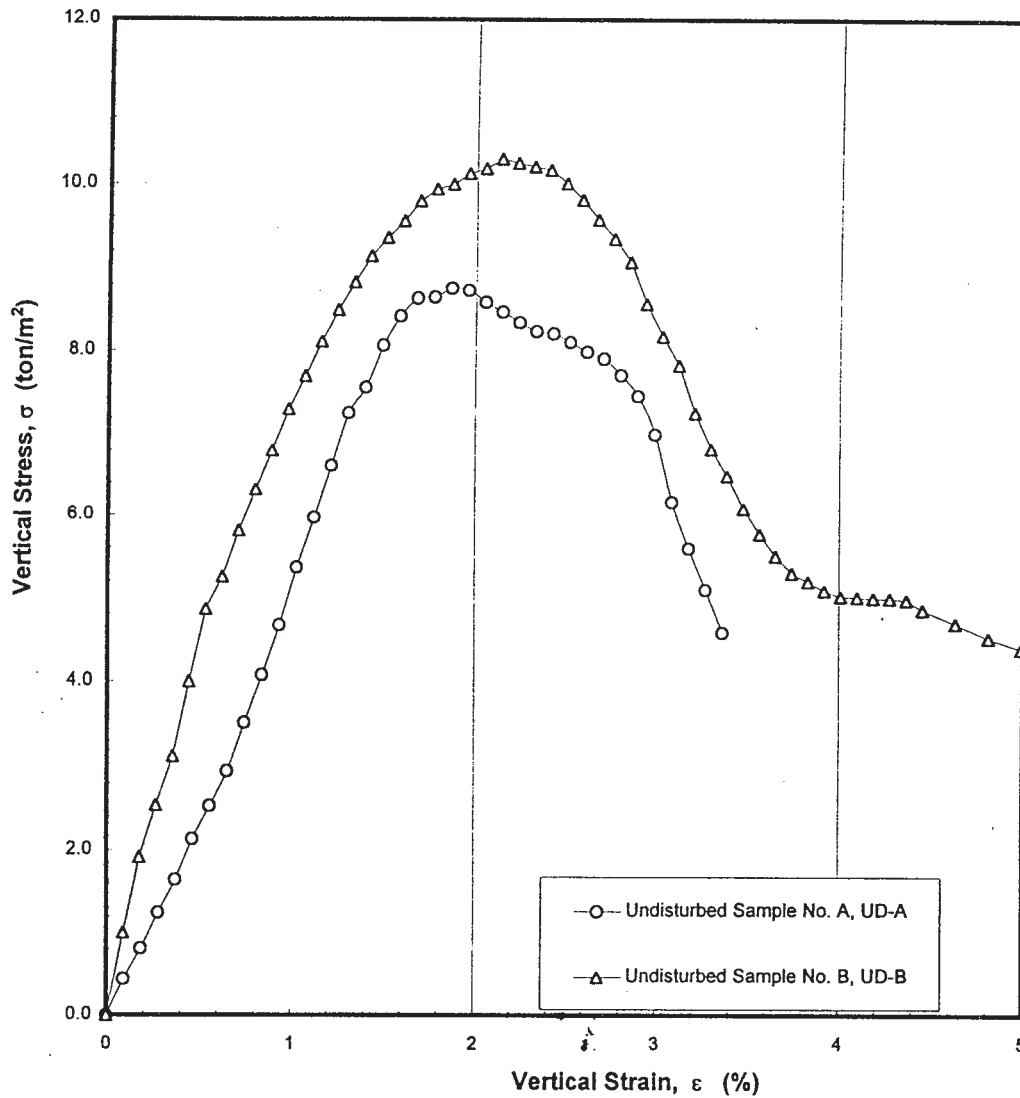
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidence at Siem Reap
 Location: Cambodia
 Tested by: Jintana Date: Aug-97

Borehole No: WT-2
 Sample No: DB-9
 Depth: 63.15 - 63.55 m.

Test Summary			
Soil Description:	Silty CLAY		
Test No.	UD-A	UD-B	
Water Content, w_n	11.5	10.5	%
Total Unit Weight, γ_t	2.19	1.88	ton/m ³
Unconfined Compressive Strength, q_u	8.7	10.3	ton/m ²
Undrained Shear Strength, c_u	4.4	5.2	ton/m ²
Strain at Failure, ϵ_f	1.9	2.1	%
Modulus at 50% Stress Level, E_{50}	484	430	ton/m ²
Failure Mode			





SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidence at Siem Reap

Location: Cambodia


Tested by: Jintana

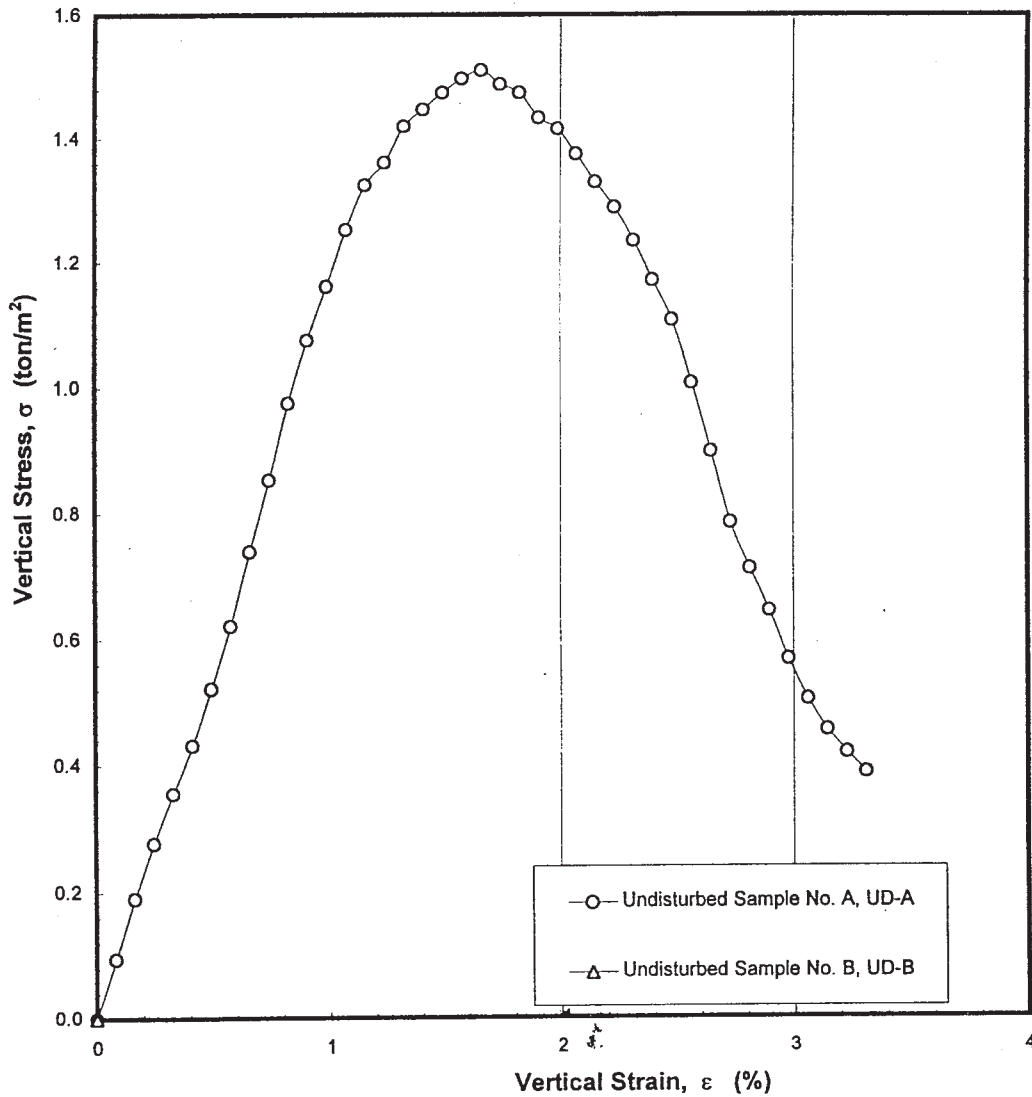
Date: Aug-97

WT-2

DB-10

70.70 - 70.90

Test Summary		
Soil Description:	Clayey SAND	
Test No.	UD-A	
Water Content, w_n	7.8	%
Total Unit Weight, γ_t	2.18	ton/m ³
Unconfined Compressive Strength, q_u	1.5	ton/m ²
Undrained Shear Strength, c_u	0.8	ton/m ²
Strain at Failure, ϵ_f	1.7	%
Modulus at 50% Stress Level, E_{50}	112	ton/m ²
Failure Mode		







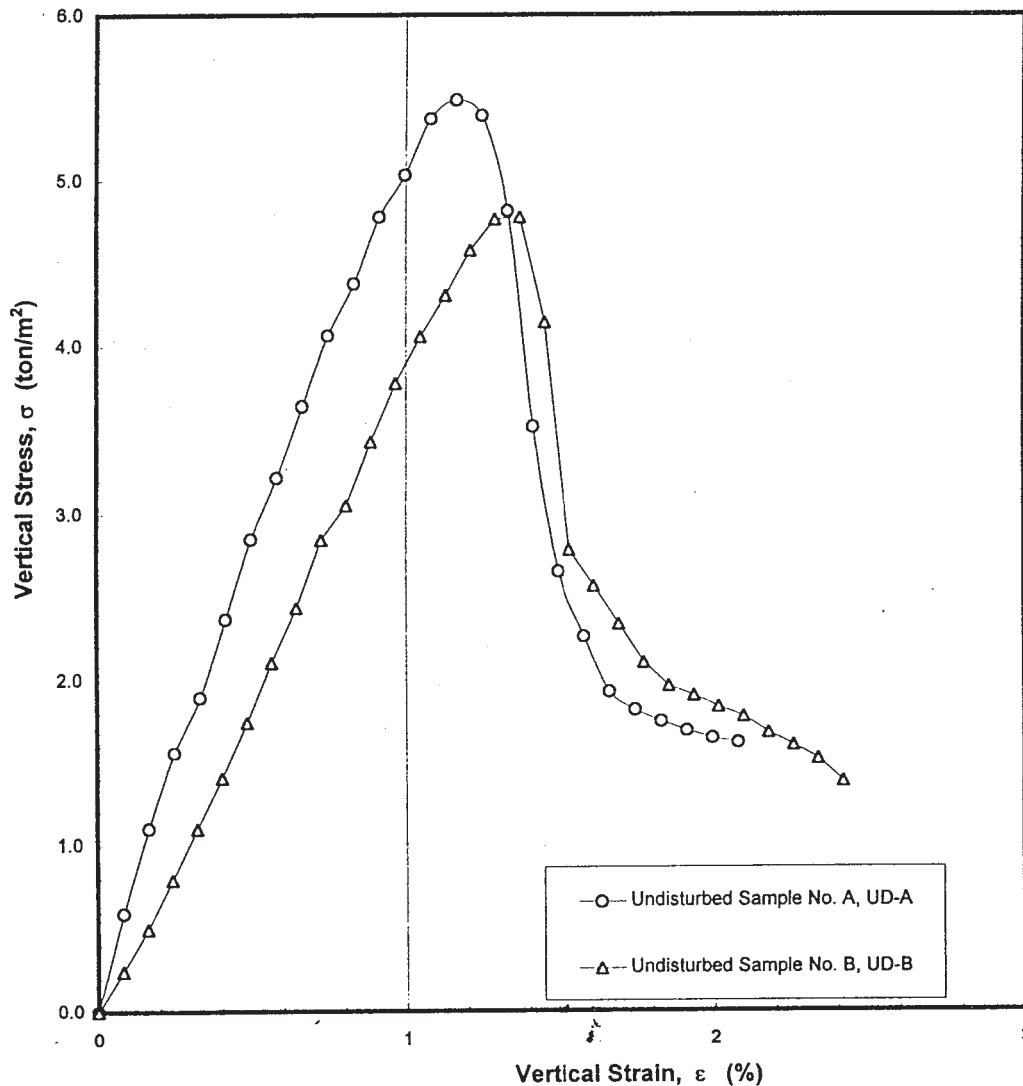
SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubside at Siem Reap
 Location: Cambodia
 Tested by: Jintana
 Date: Aug-97

Borehole No: WT-2
 Sample No: DB-11
 Depth: 75.00 - 75.40 m.

Test Summary			
Soil Description:	Silty CLAY		
Test No.	UD-A	UD-B	
Water Content, w_n	15.7	15.4	%
Total Unit Weight, γ_t	1.96	2.00	ton/m ³
Unconfined Compressive Strength, q_u	5.5	4.8	ton/m ²
Undrained Shear Strength, c_u	2.7	2.4	ton/m ²
Strain at Failure, ϵ_f	1.2	1.4	%
Modulus at 50% Stress Level, E_{50}	569	363	ton/m ²
Failure Mode			





SIAM TONE CO., LTD.

UNCONFINED COMPRESSION TEST

Project: Landsubsidence at Siem Reap Borehole No: WT-5
Location: Cambodia Sample No: DB-1
Tested by: Jintana Date: Aug-97 Depth (m.) 14.00 - 14.50

Test Summary		
Soil Description:	Sandy CLAY	
Test No.	UD-A	
Water Content, w_n	10.2	%
Total Unit Weight, γ_t	2.19	ton/m ³
Unconfined Compressive Strength, q_u	6.3	ton/m ²
Undrained Shear Strength, c_u	3.1	ton/m ²
Strain at Failure, ϵ_f	3.1	%
Modulus at 50% Stress Level, E_{50}	447	ton/m ²
Failure Mode	