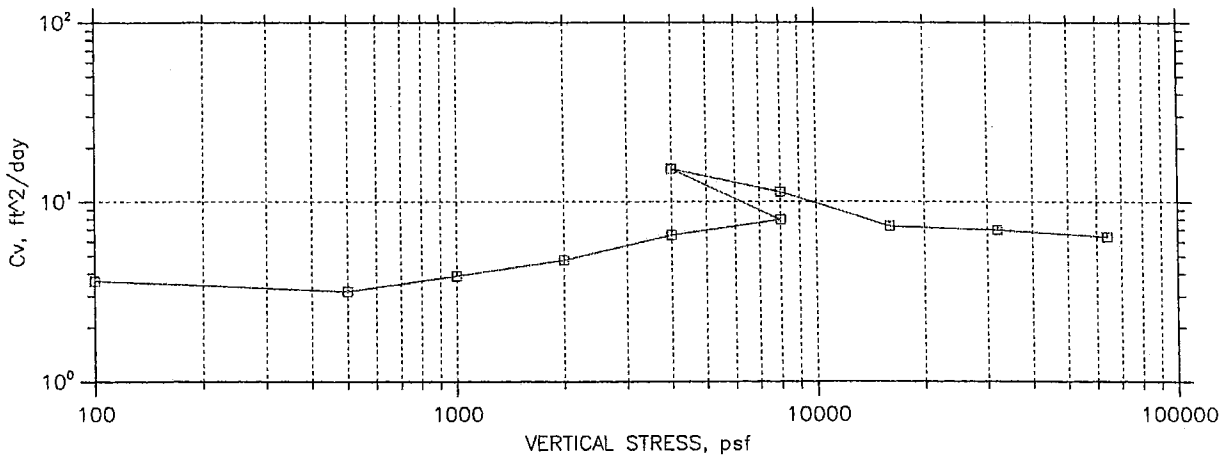
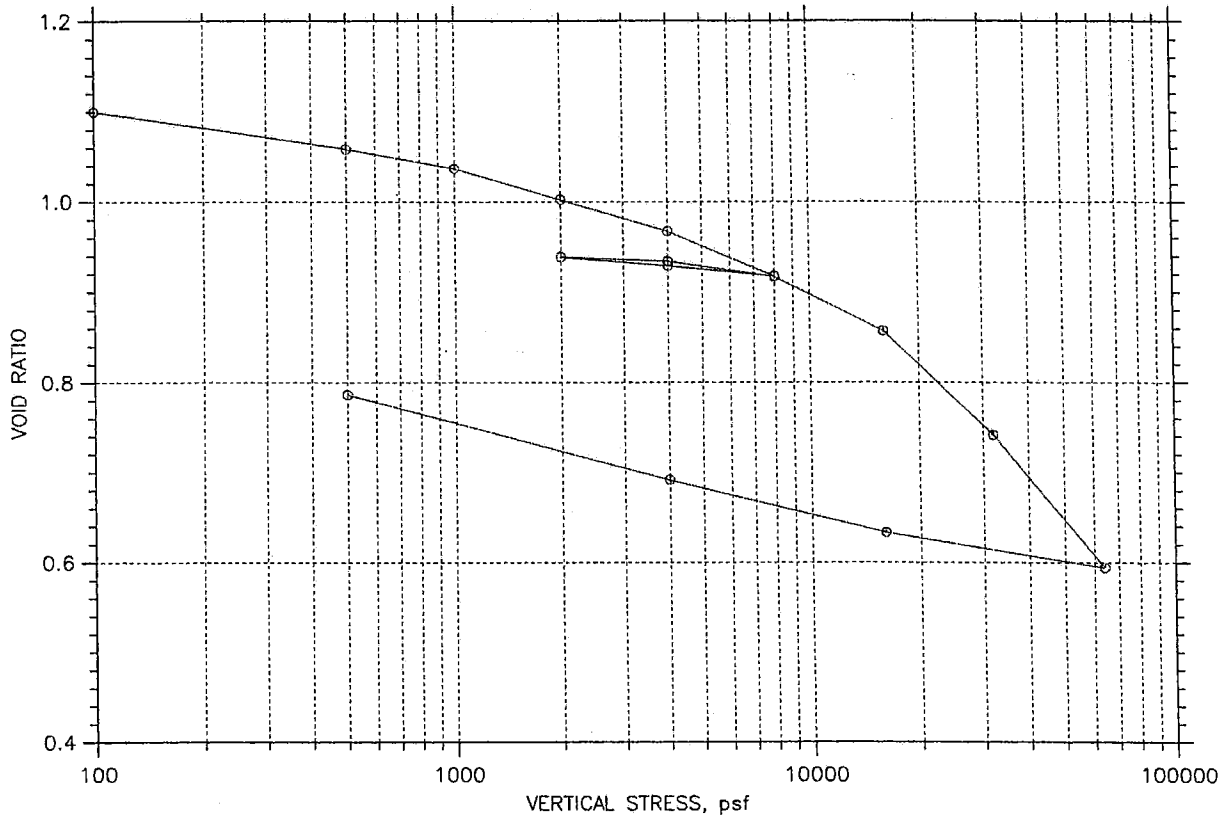


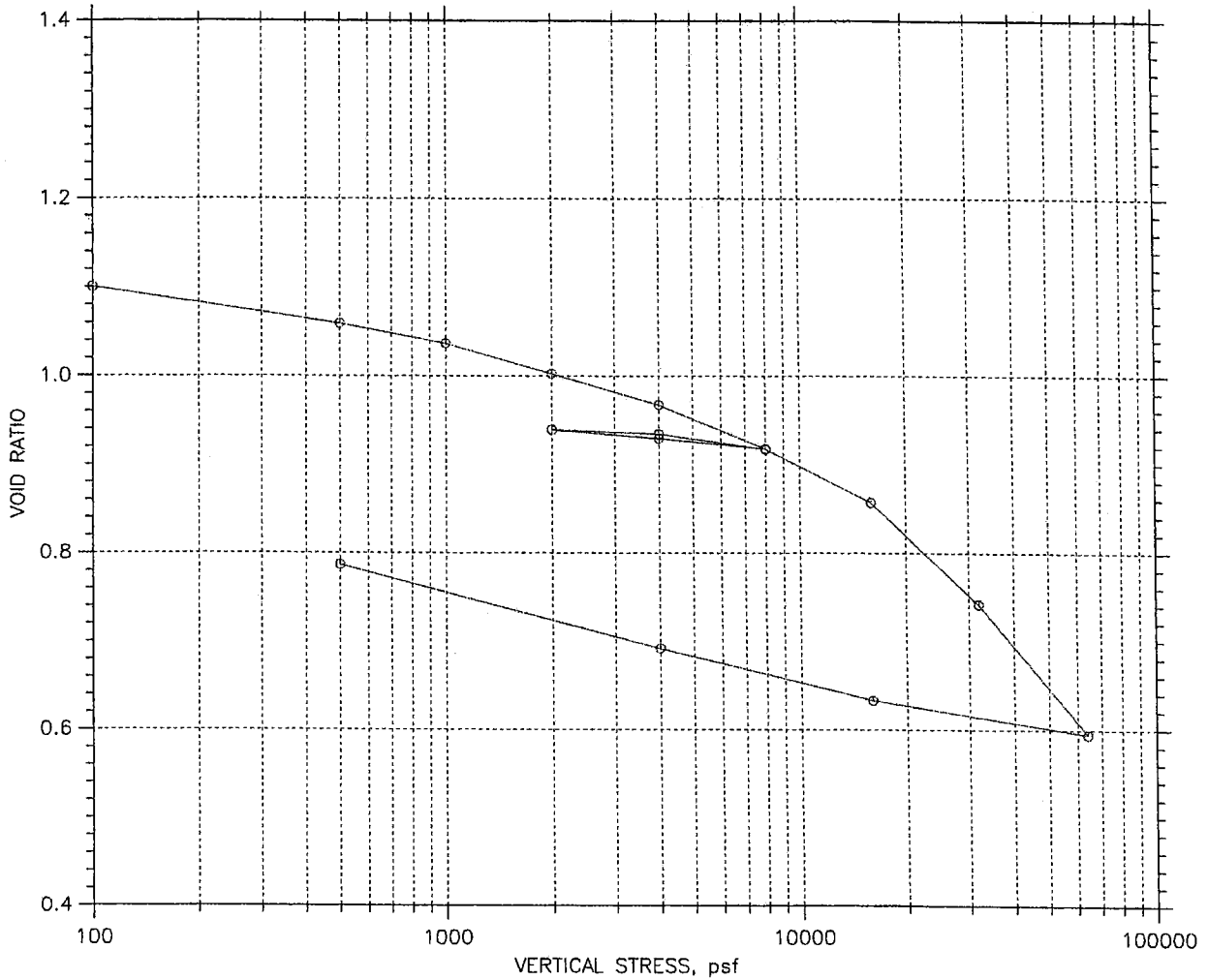
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf				Water Content, %	24.10 / 26.48
Preconsolidation Pressure: 2.034e+004 psf				Dry Unit Weight, pcf	87.44 / 103.1
Compression Index: 0.492				Saturation, %	64.25 / 99.33
Diameter: 2.5 in		Height: 1 in		Void Ratio	1.11 / 0.79
LL: NP	PL: NP	PI: NP	GS: 2.95		

MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-204
 Sample No.: UD-3
 Test No.: 5360

Location:
 Tested By: HJ
 Test Date: 8/25/06
 Sample Type: Shelby Tube

Project No.: 6234063534S
 Checked By: JL
 Depth: 28.5 Ft.
 Elevation:

Soil Description: Silty Sand
 Remarks: Cr = 0.06

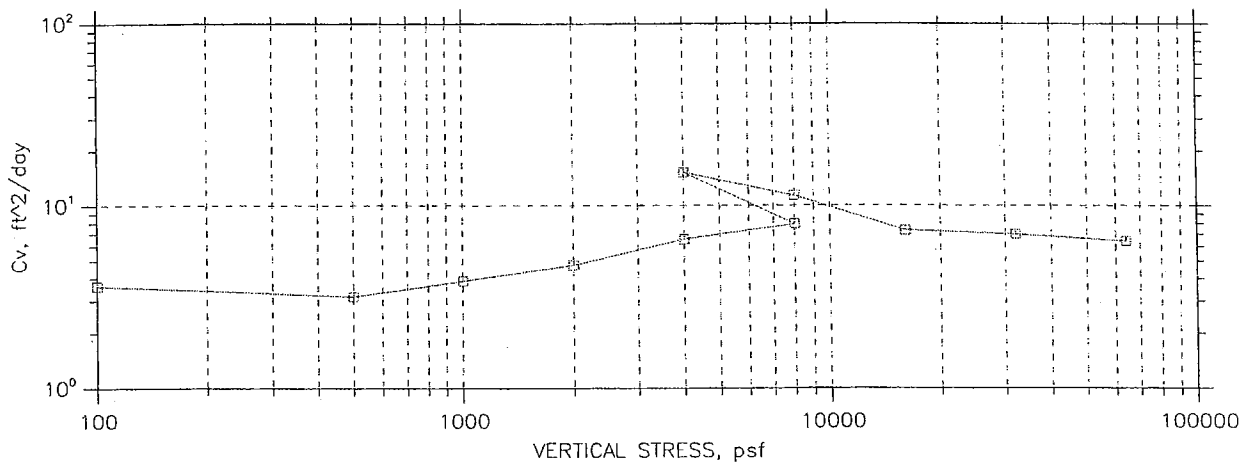
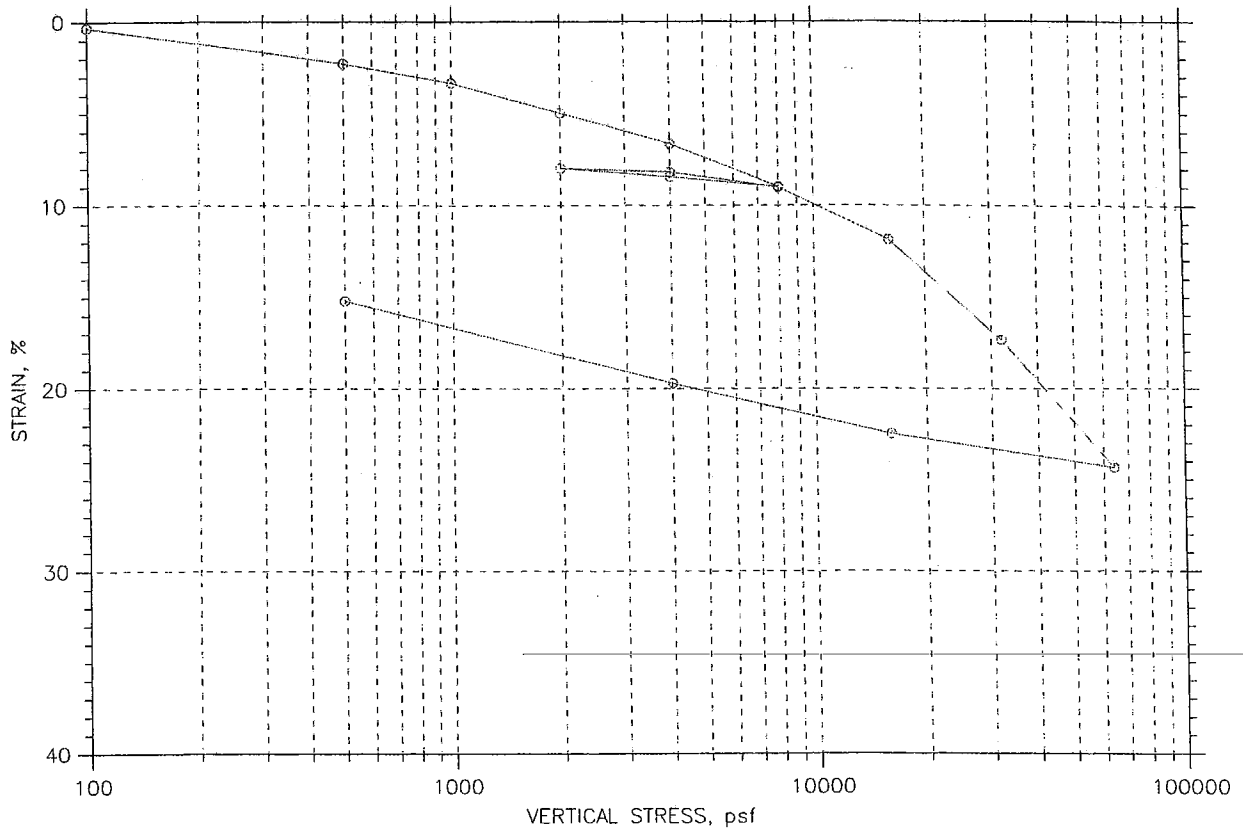
Measured Specific Gravity: 2.95
 Initial Void Ratio: 1.11
 Final Void Ratio: 0.79

Liquid Limit: NP
 Plastic Limit: NP
 Plasticity Index: NP

Initial Height: 1.00 in
 Specimen Diameter: 2.50 in

Container ID	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
		RING		
Wt. Container + Wet Soil, gm	139.82	285.74	288.42	288.42
Wt. Container + Dry Soil, gm	112.67	258.59	258.59	258.59
Wt. Container, gm	0	145.92	145.92	145.92
Wt. Dry Soil, gm	112.67	112.67	112.67	112.67
Water Content, %	24.10	24.10	26.48	26.48
Void Ratio	---	1.11	0.79	---
Degree of Saturation, %	---	64.25	99.33	---
Dry Unit Weight, pcf	---	87.441	103.12	---

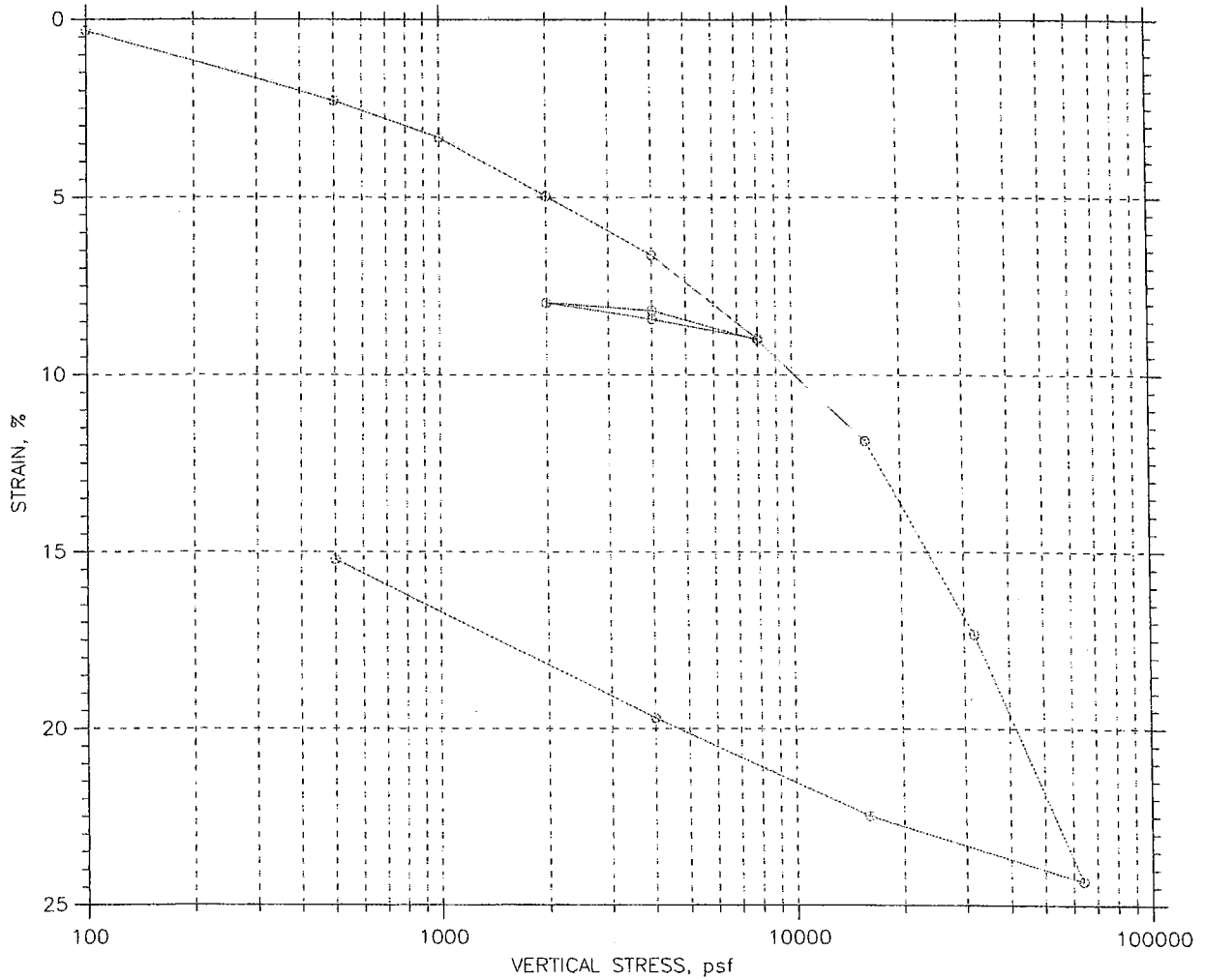
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL <i>JLF</i> 11/24/06
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

SUMMARY REPORT



		Before Test	After Test
Overburden Pressure: 0 psf		24.10	26.48
Preconsolidation Pressure: 2.034e+004 psf		87.44	103.1
Compression Index: 0.492		64.25	99.33
Diameter: 2.5 in		Void Ratio 1.11 0.79	
Height: 1 in			
LL: NP	PL: NP	PI: NP	GS: 2.95

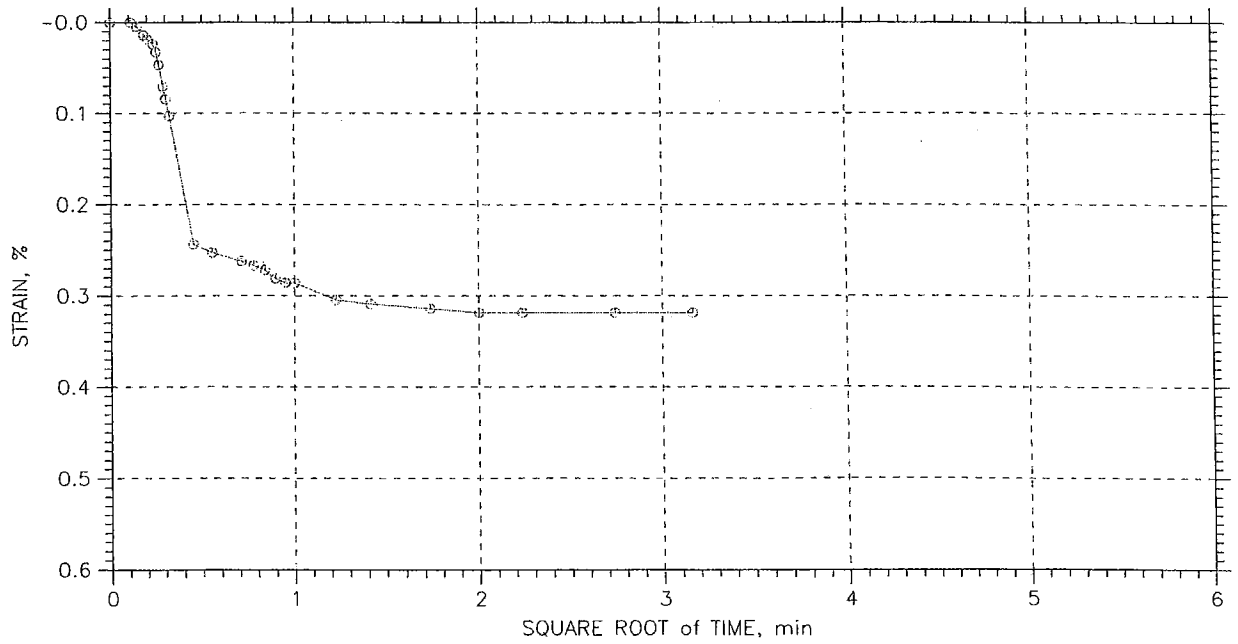
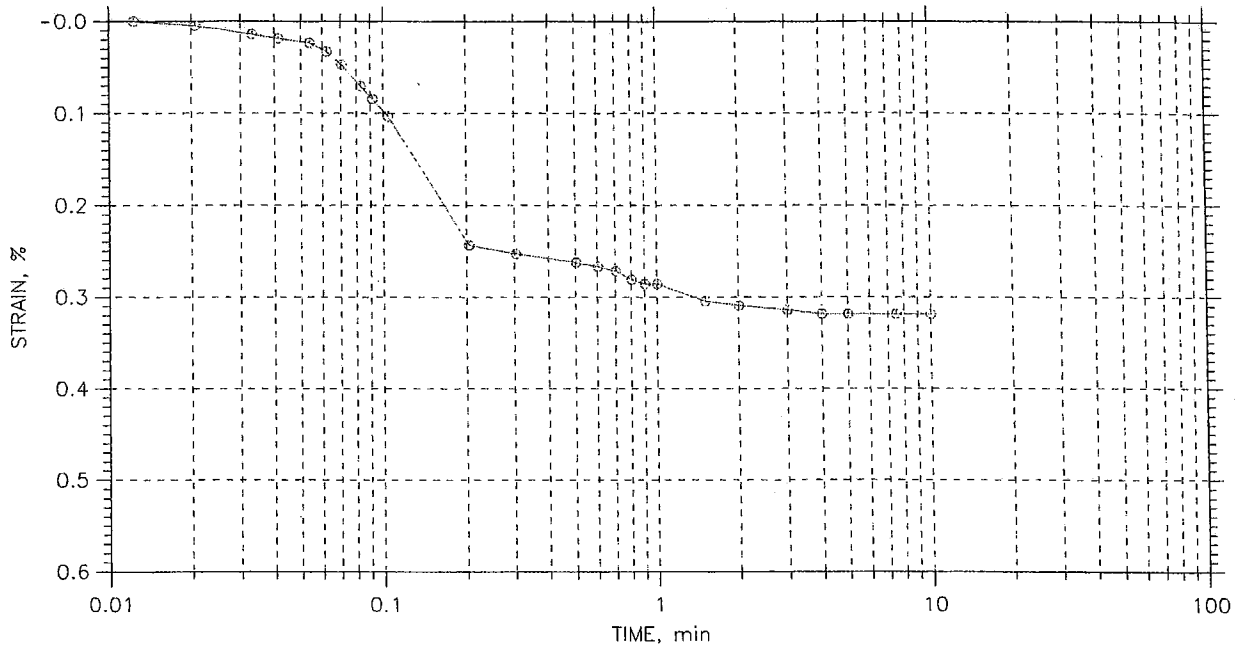
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 16

Stress: 100. psf



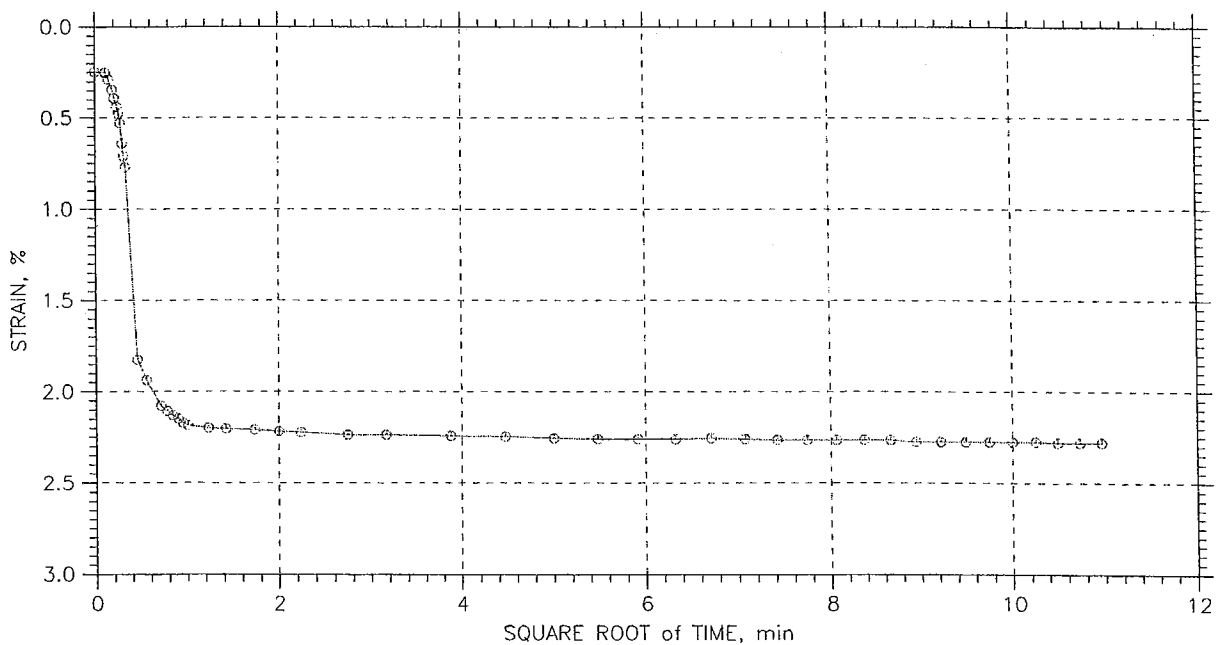
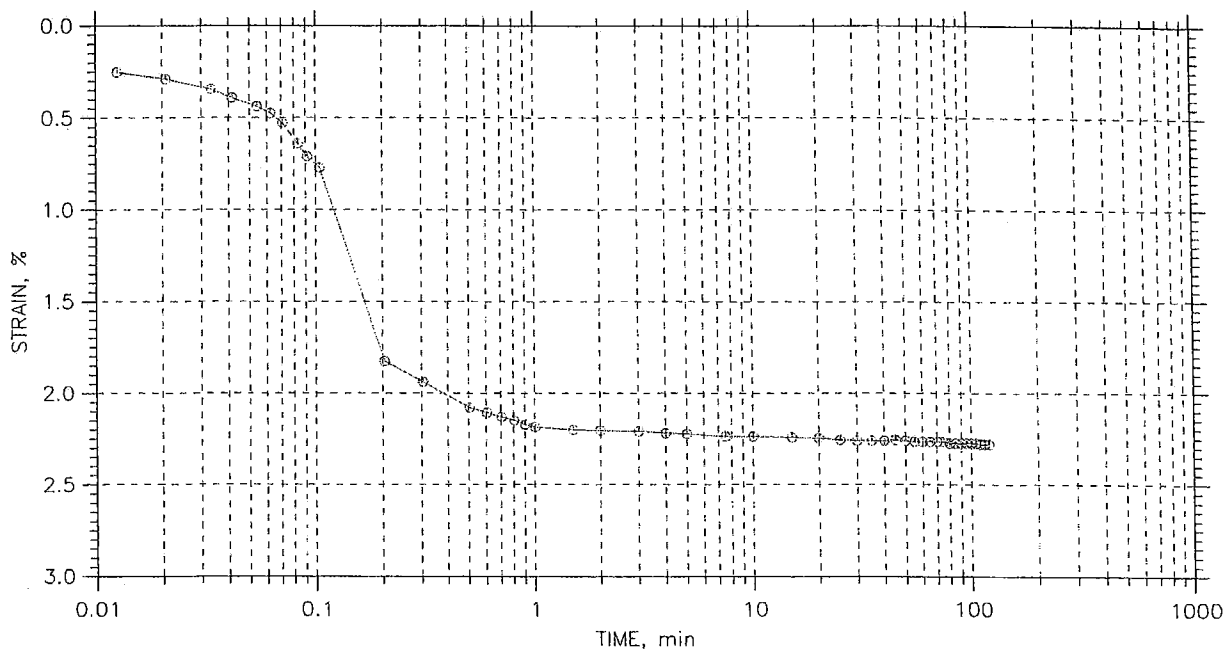
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 16

Stress: 500. psf



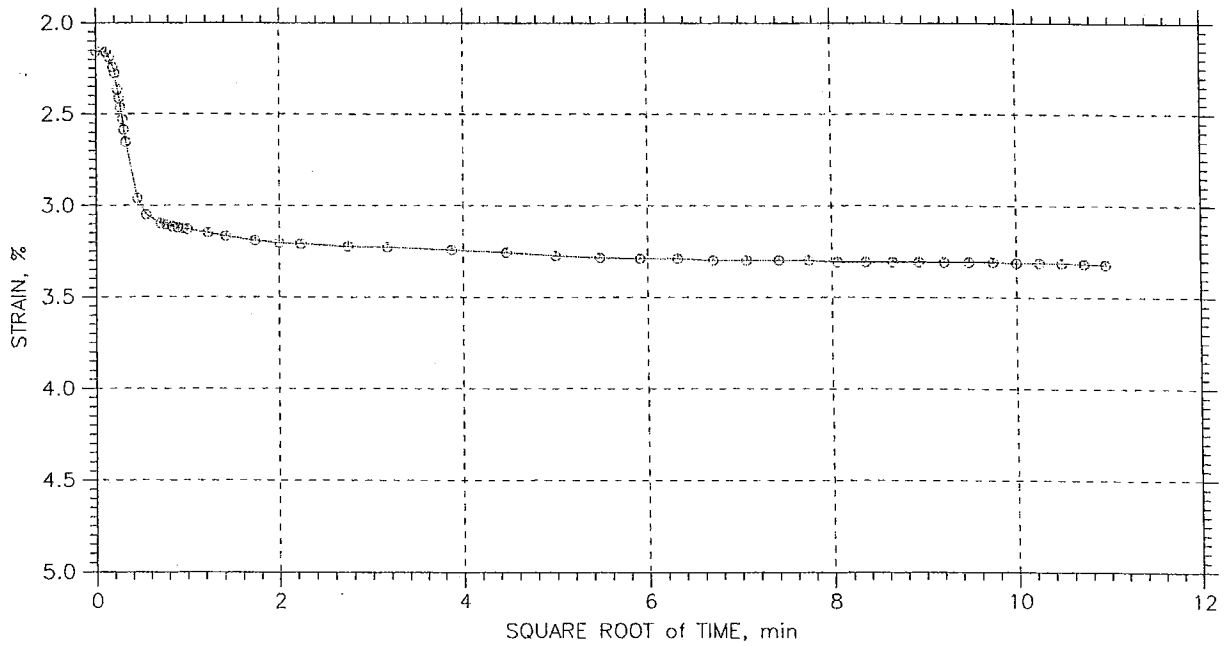
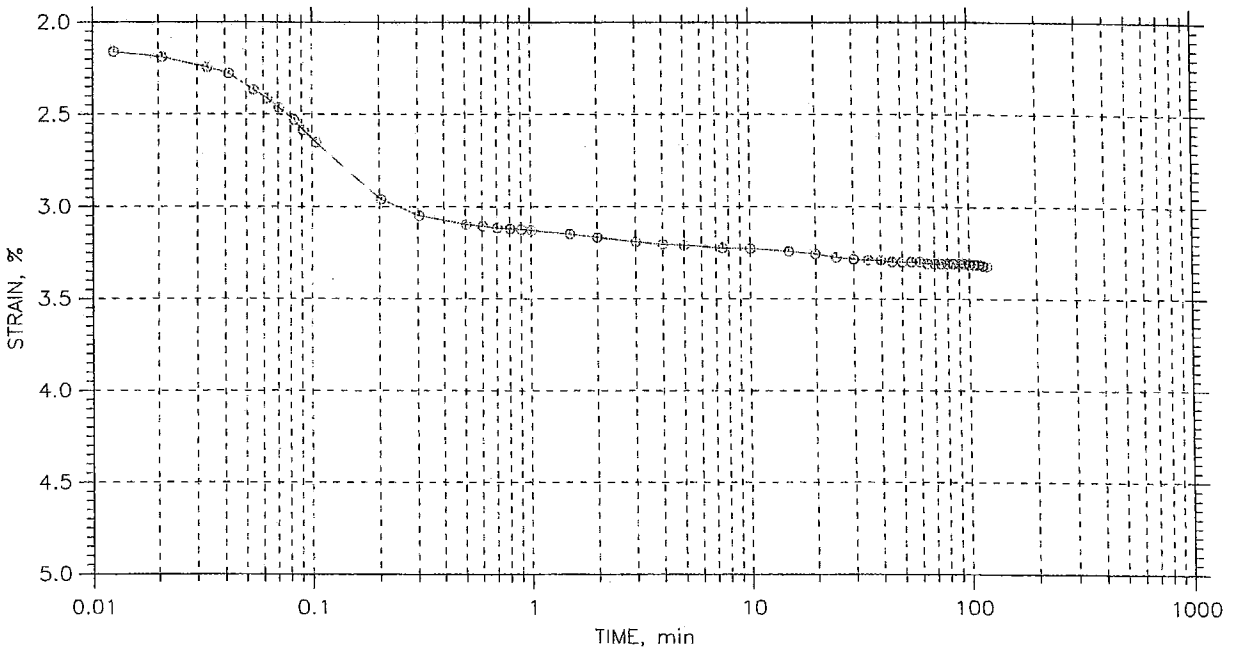
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 16

Stress: 1000. psf



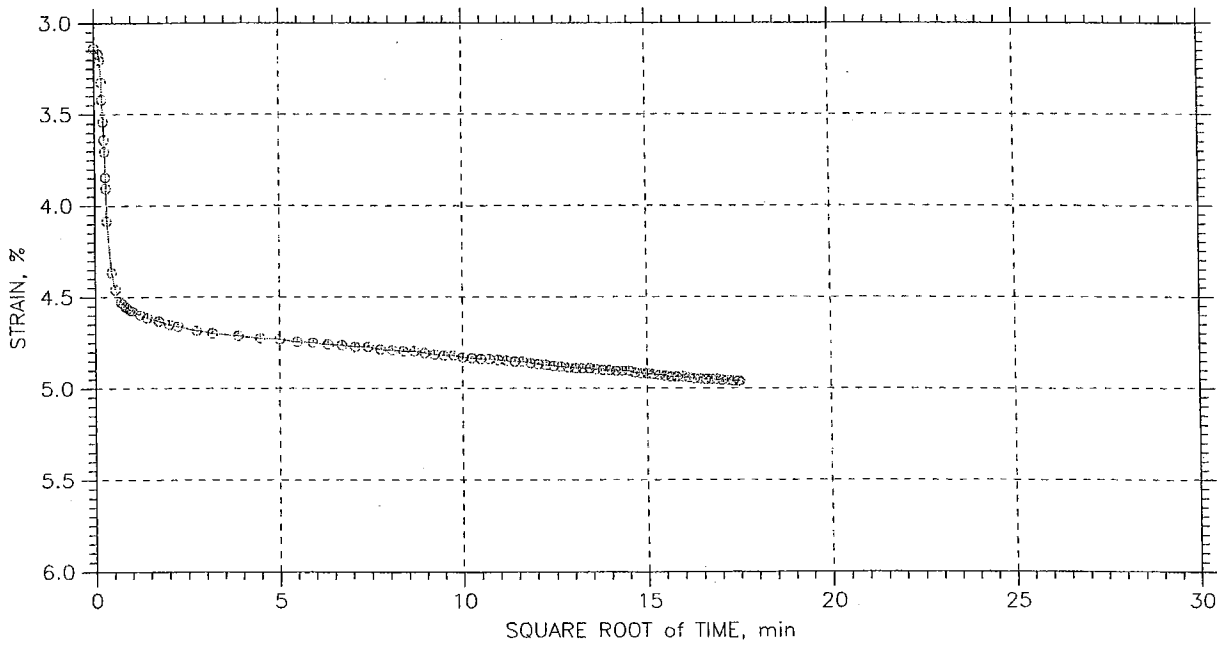
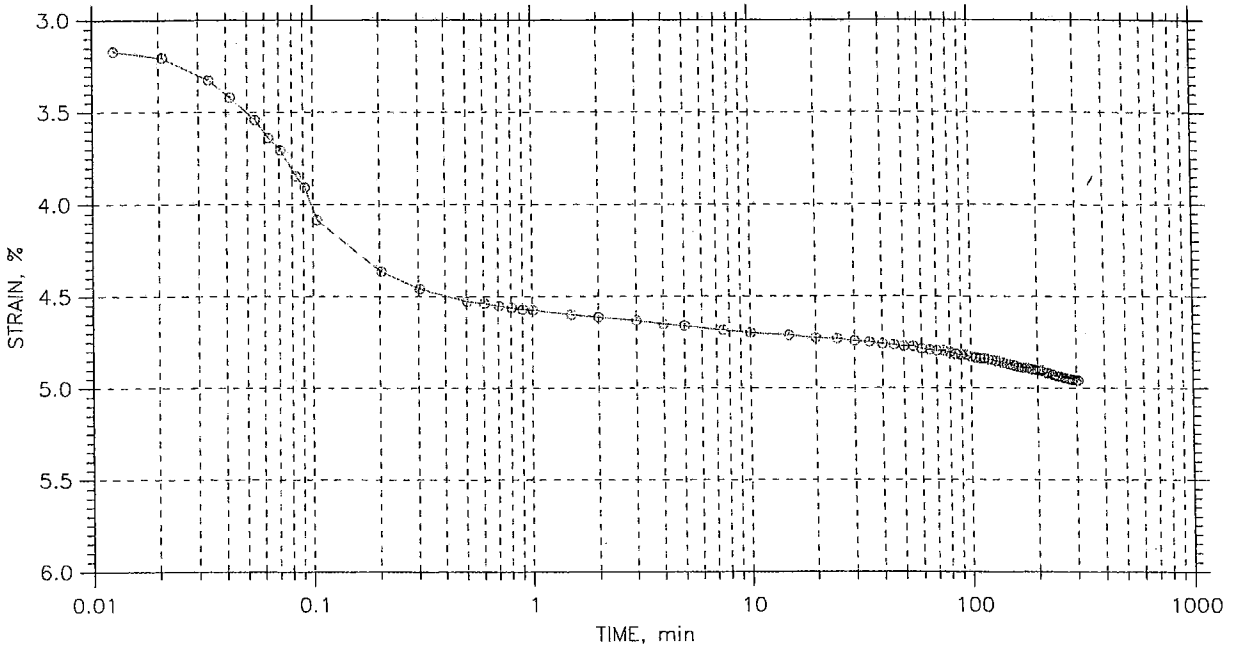
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 16

Stress: 2000. psf



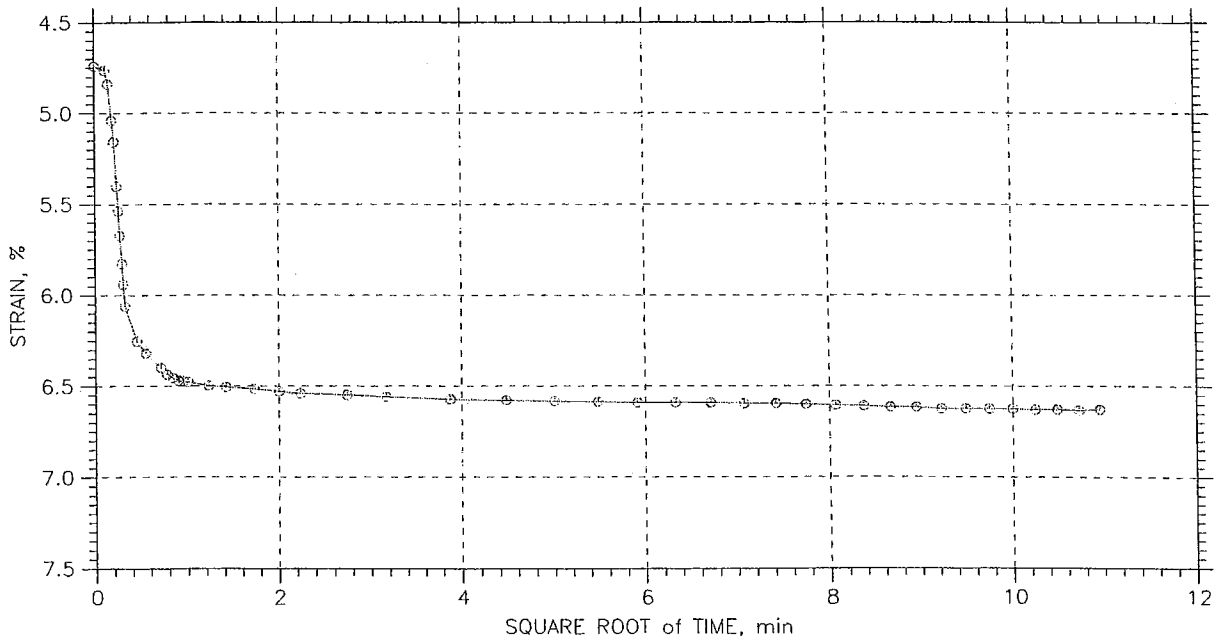
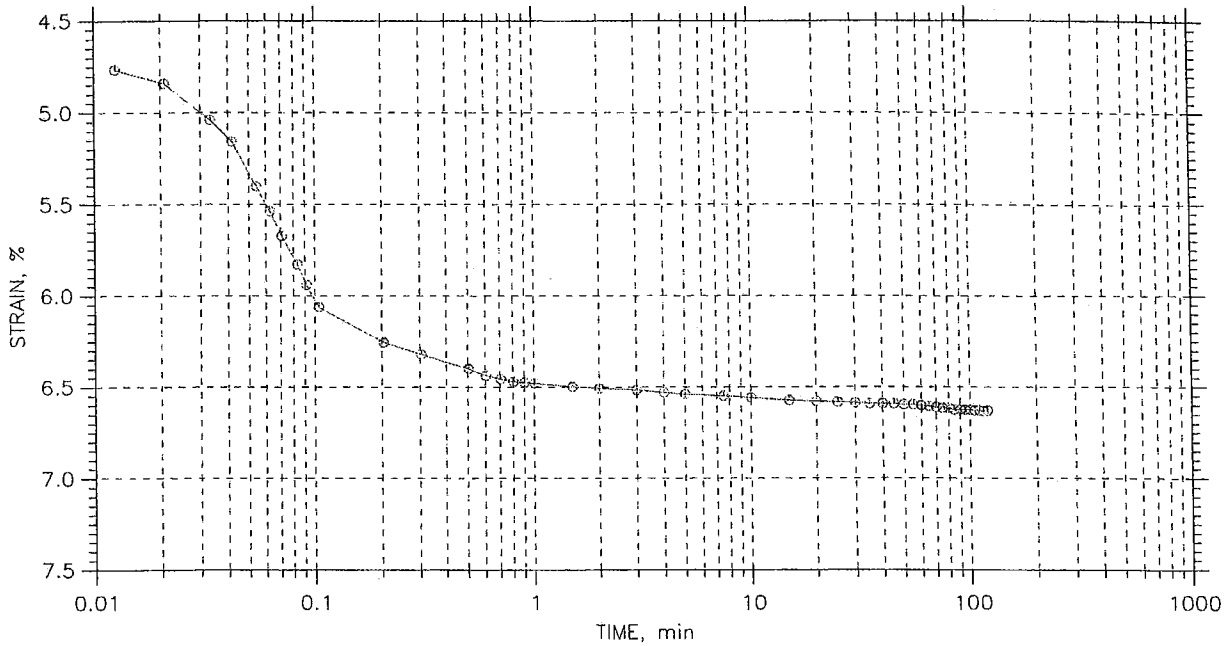
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 16

Stress: 4000. psf



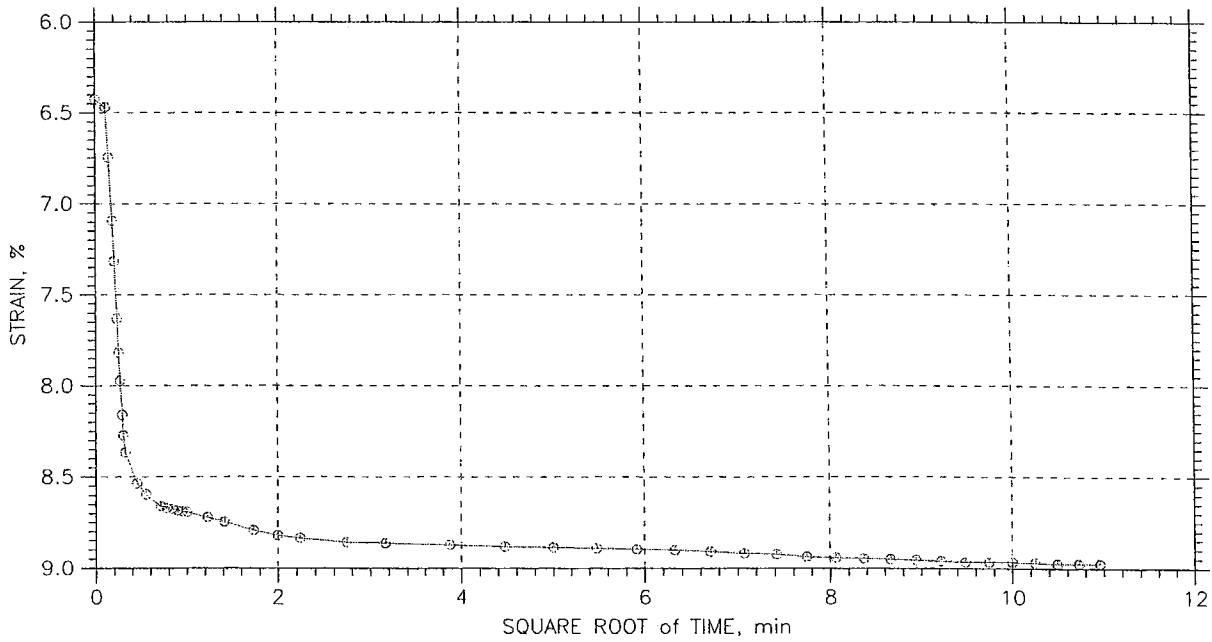
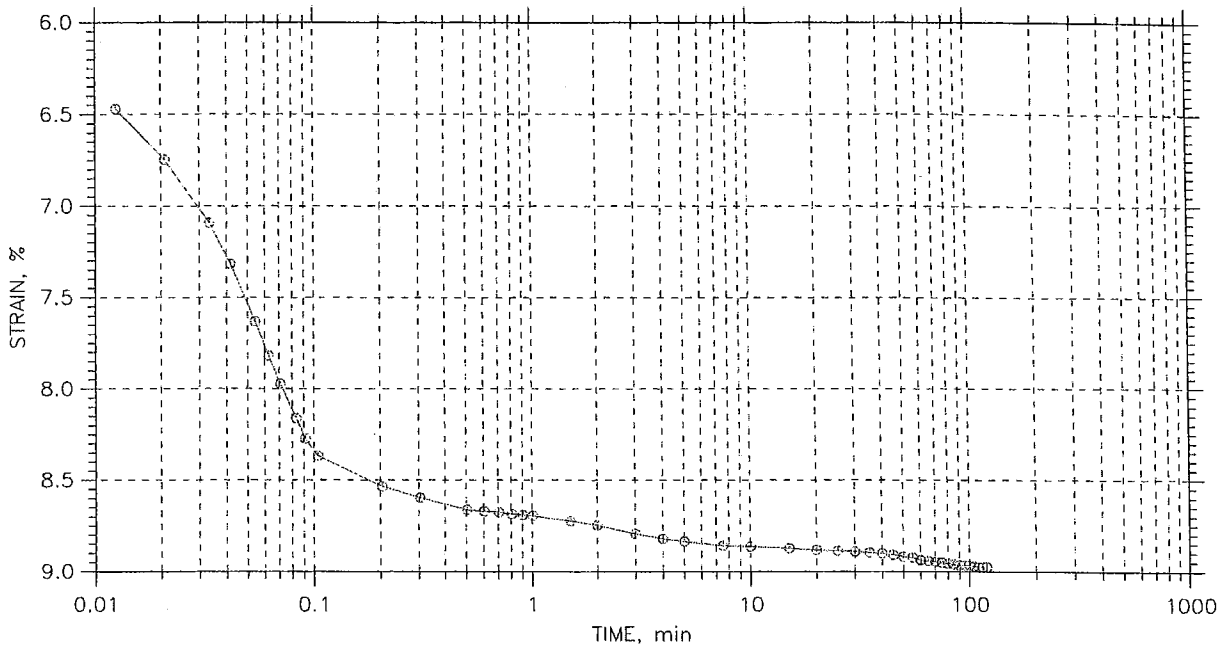
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 16

Stress: 8000. psf



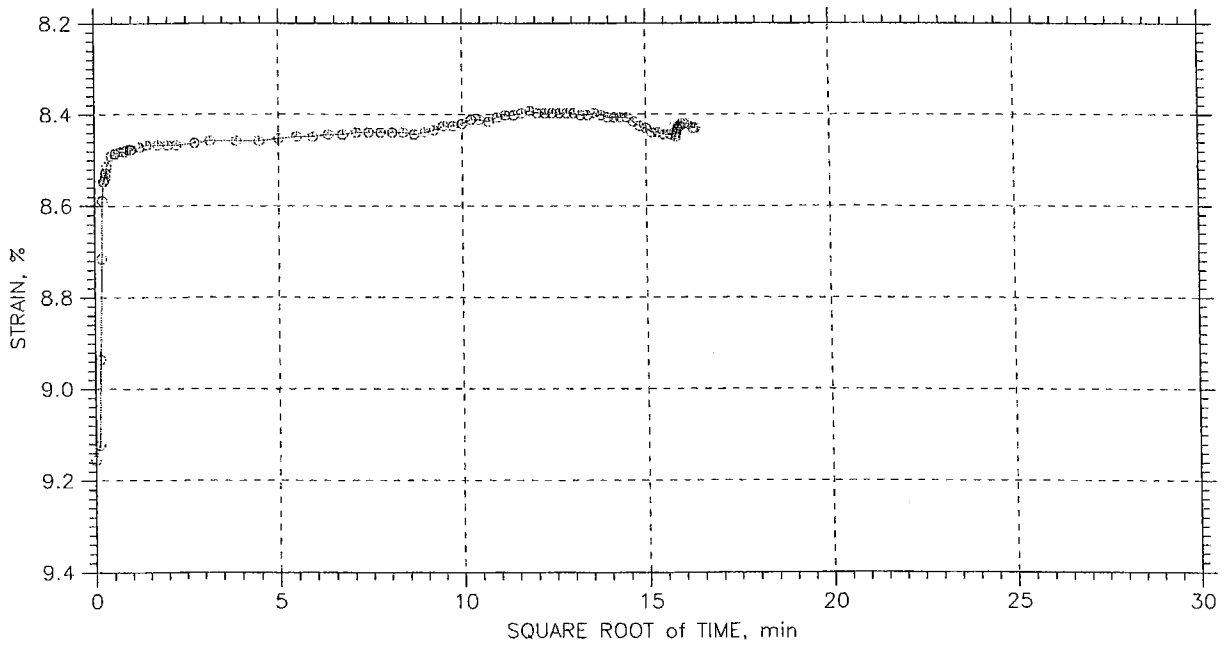
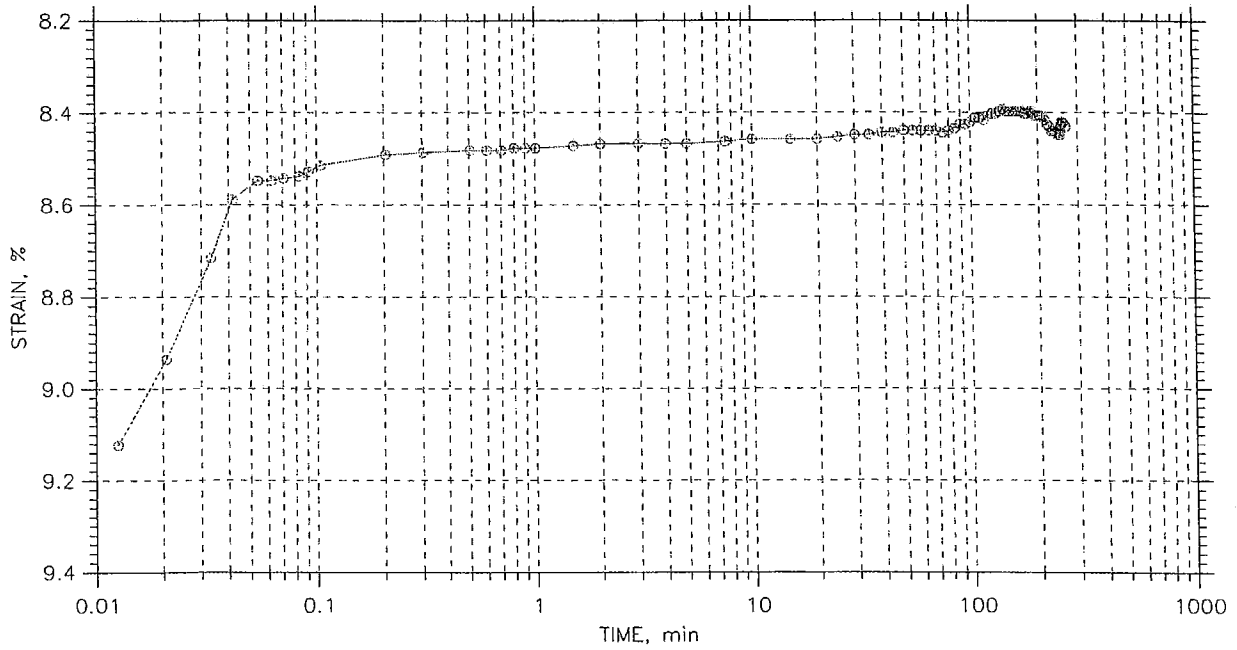
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 16

Stress: 4000. psf



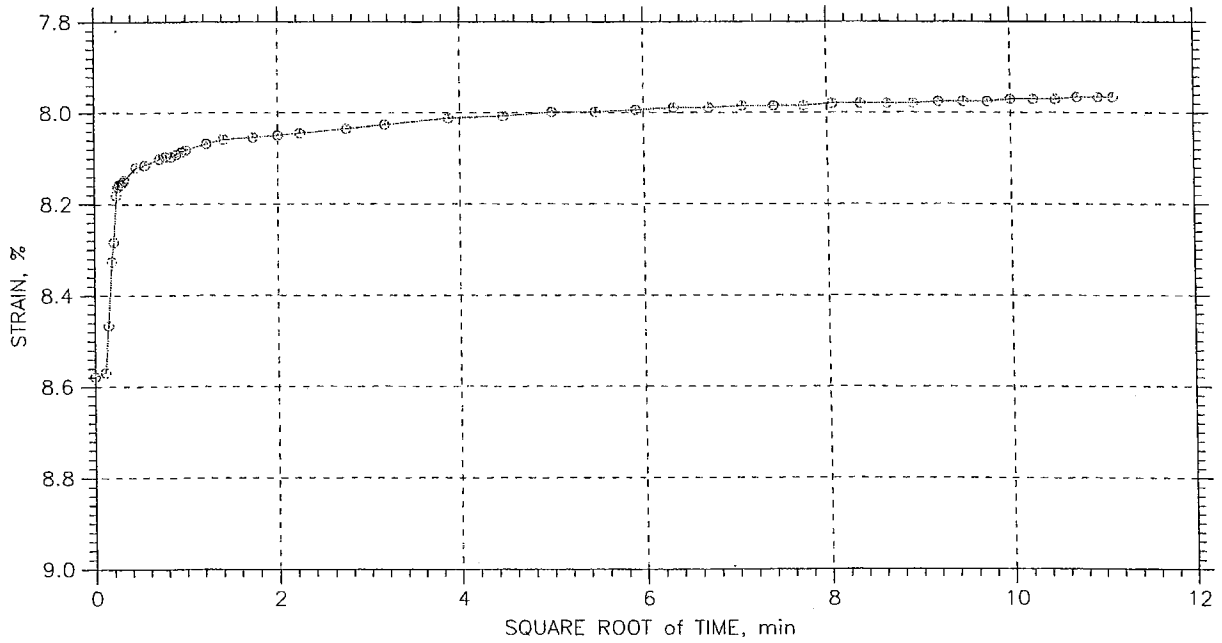
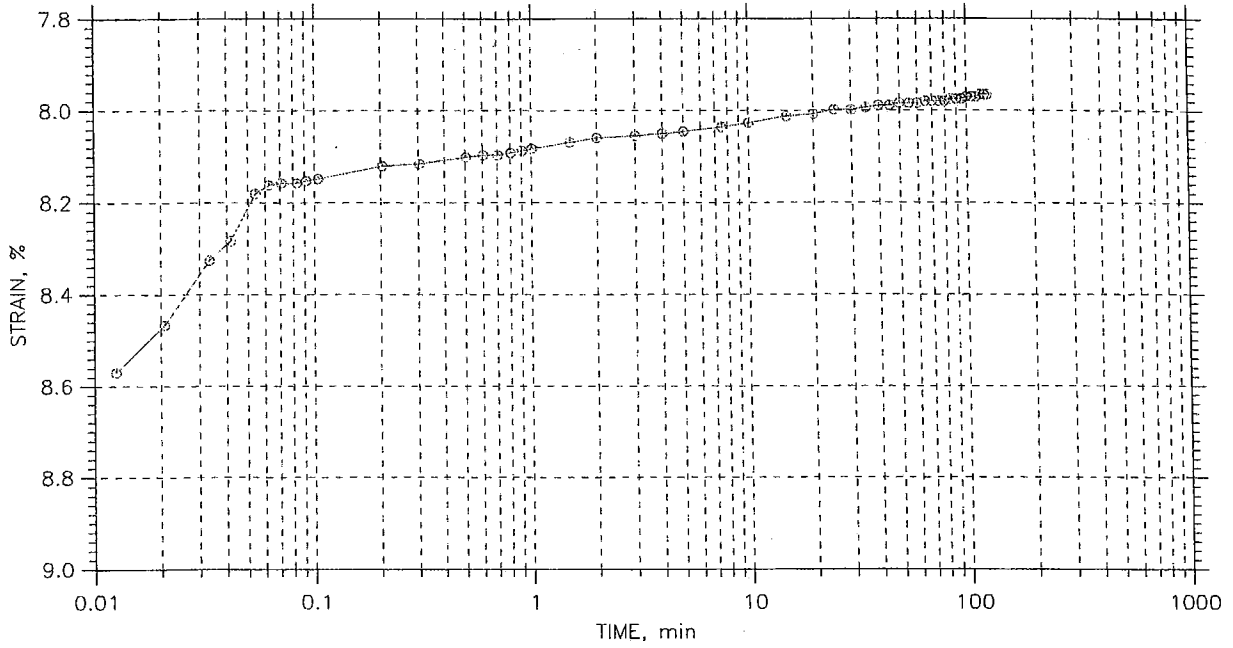
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 16

Stress: 2000. psf



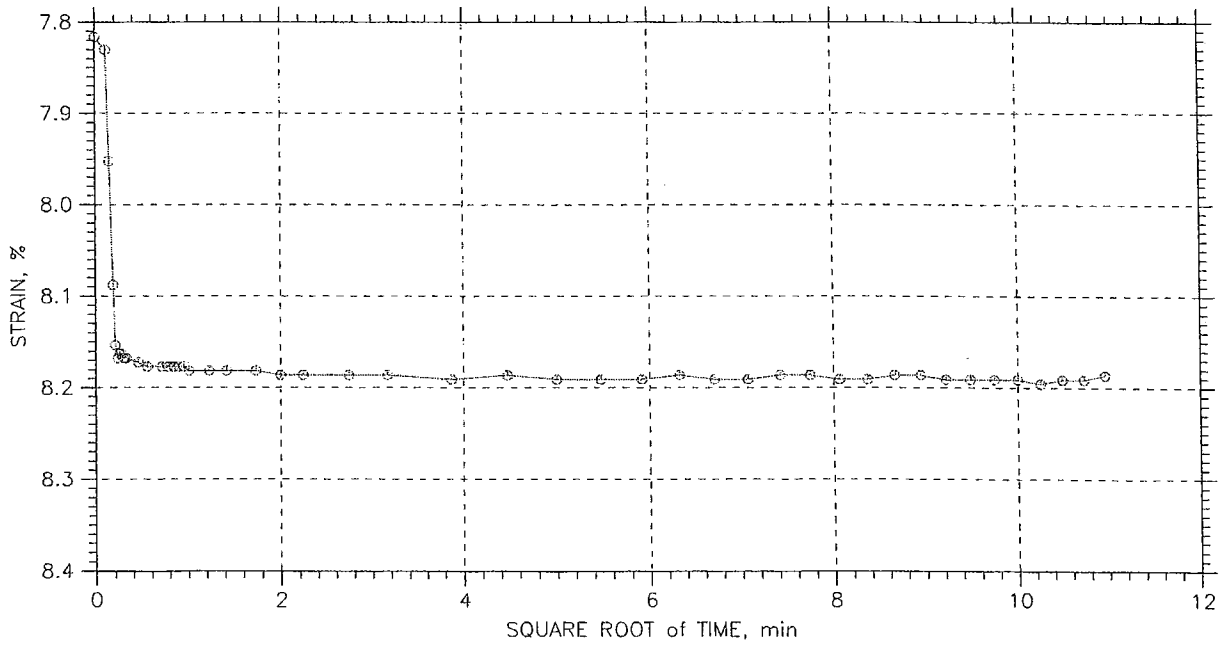
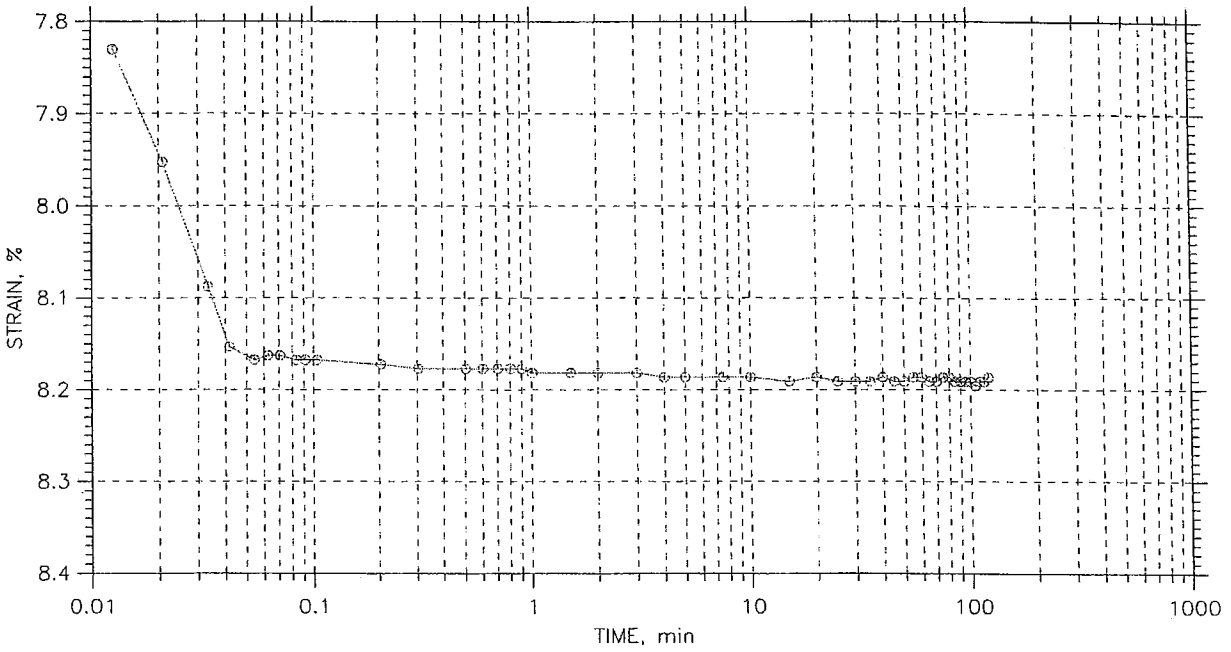
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 16

Stress: 4000. psf



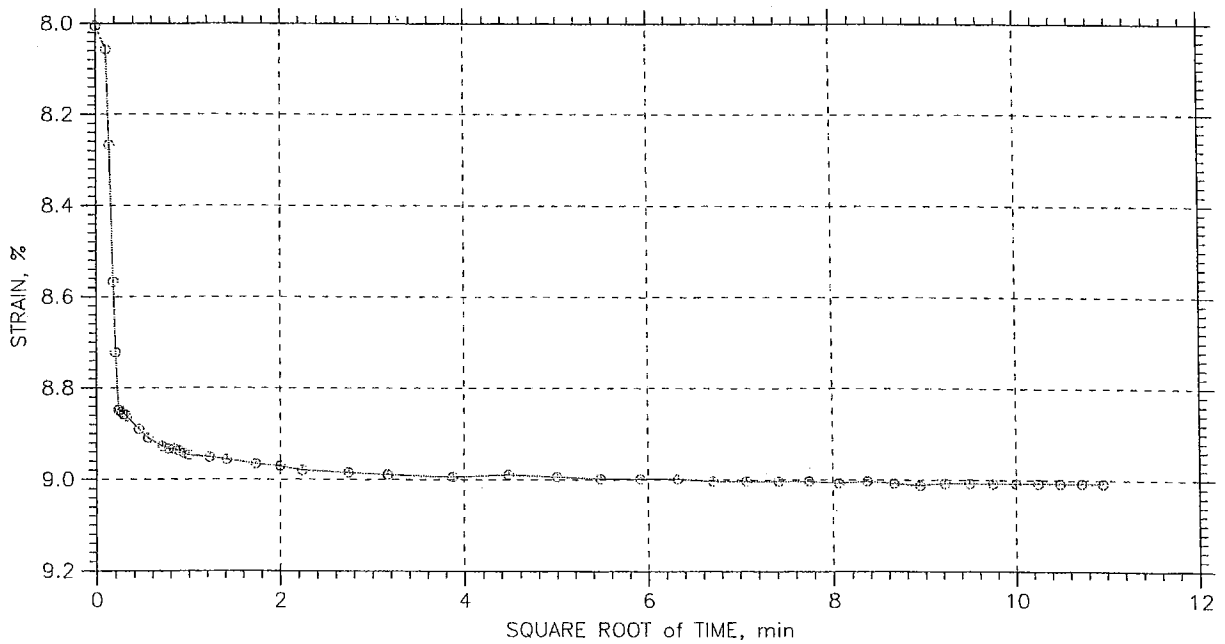
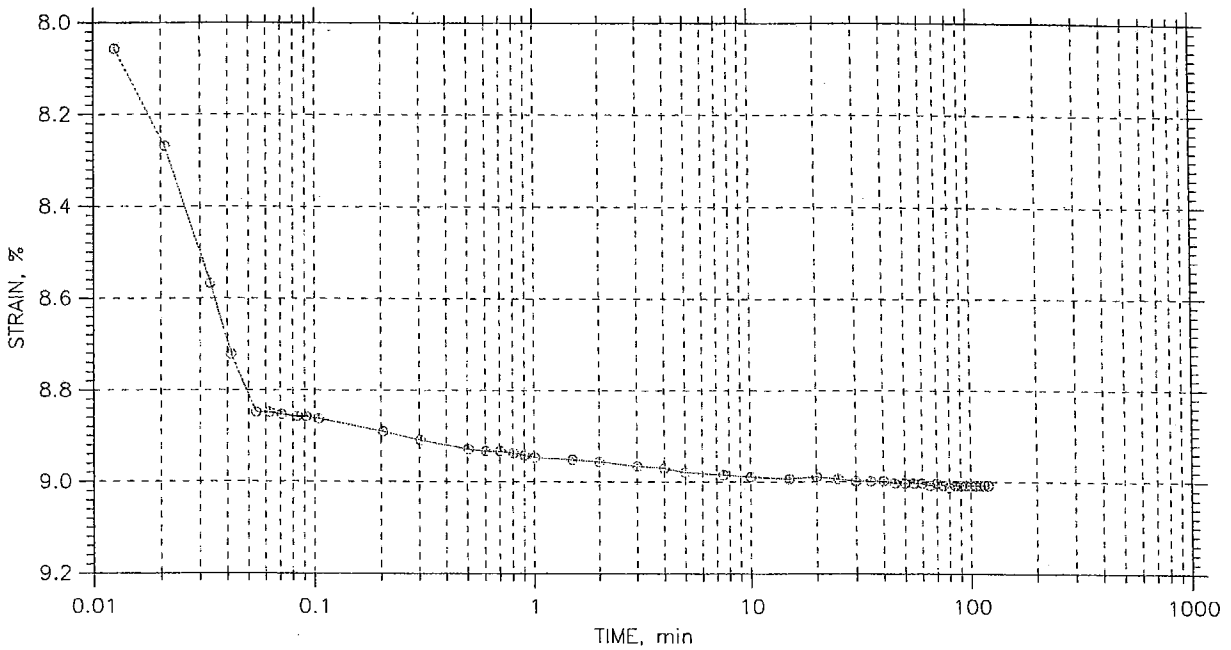
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 16

Stress: 8000. psf



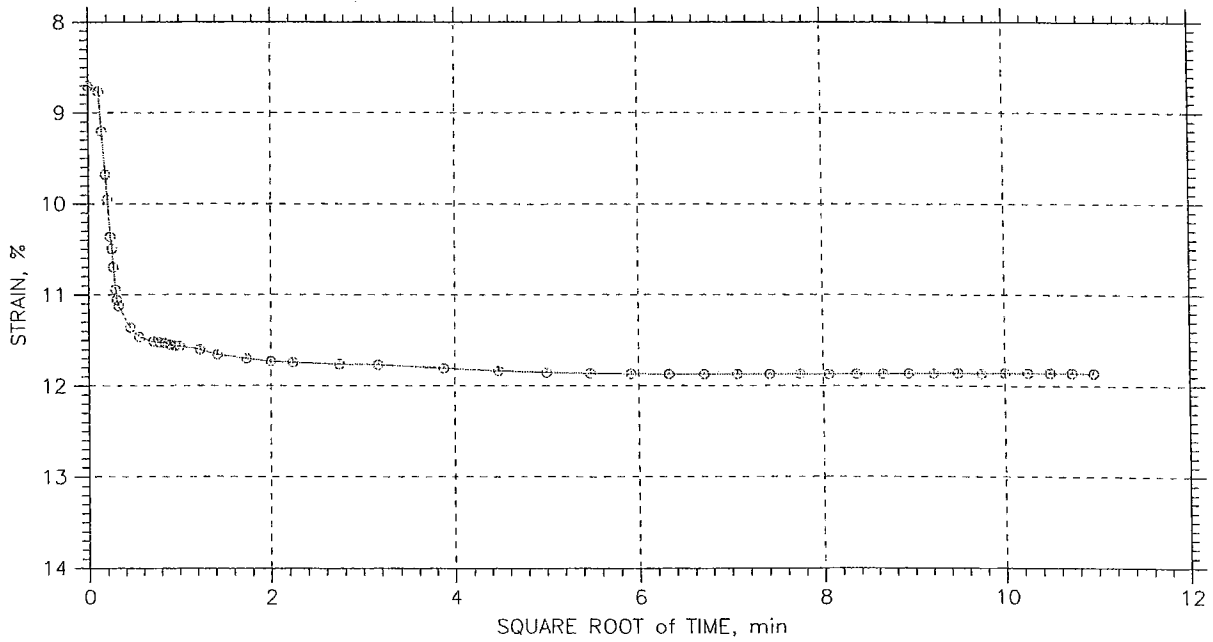
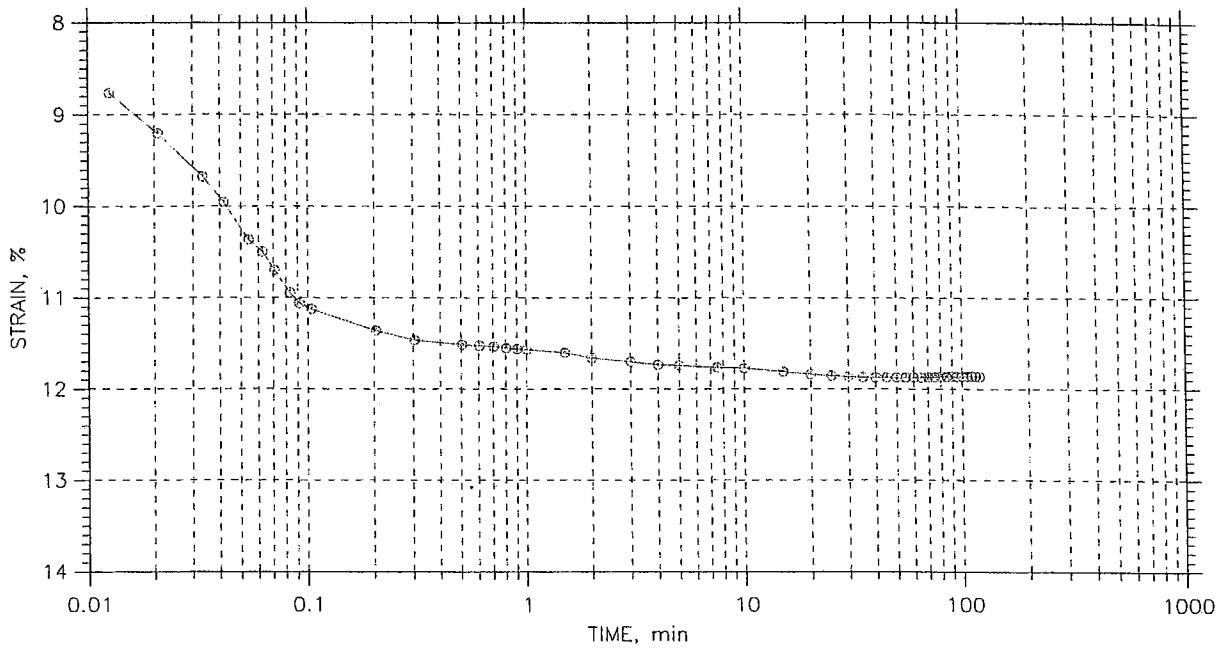
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 16

Stress: 16000 psf



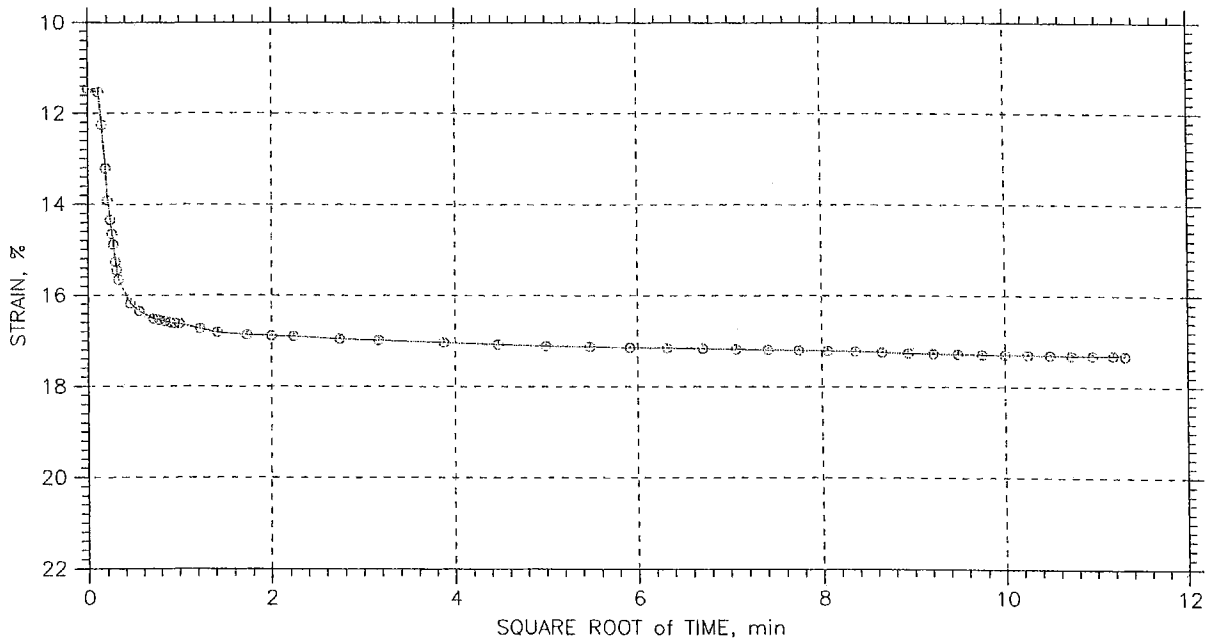
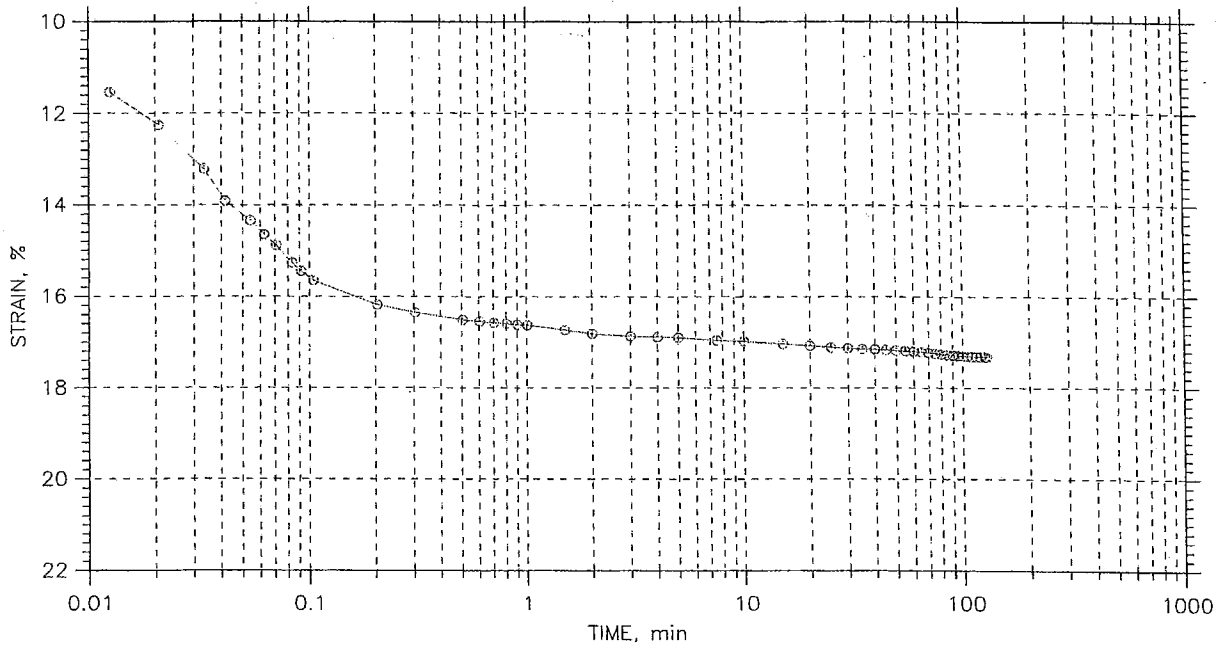
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 16

Stress: 32000 psf



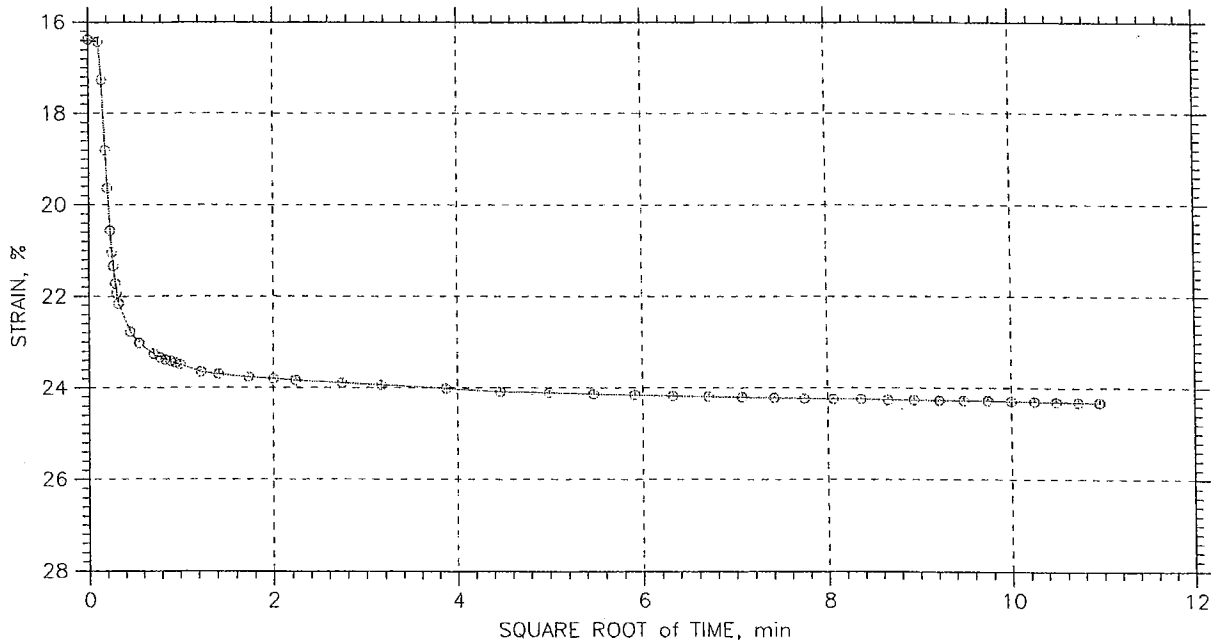
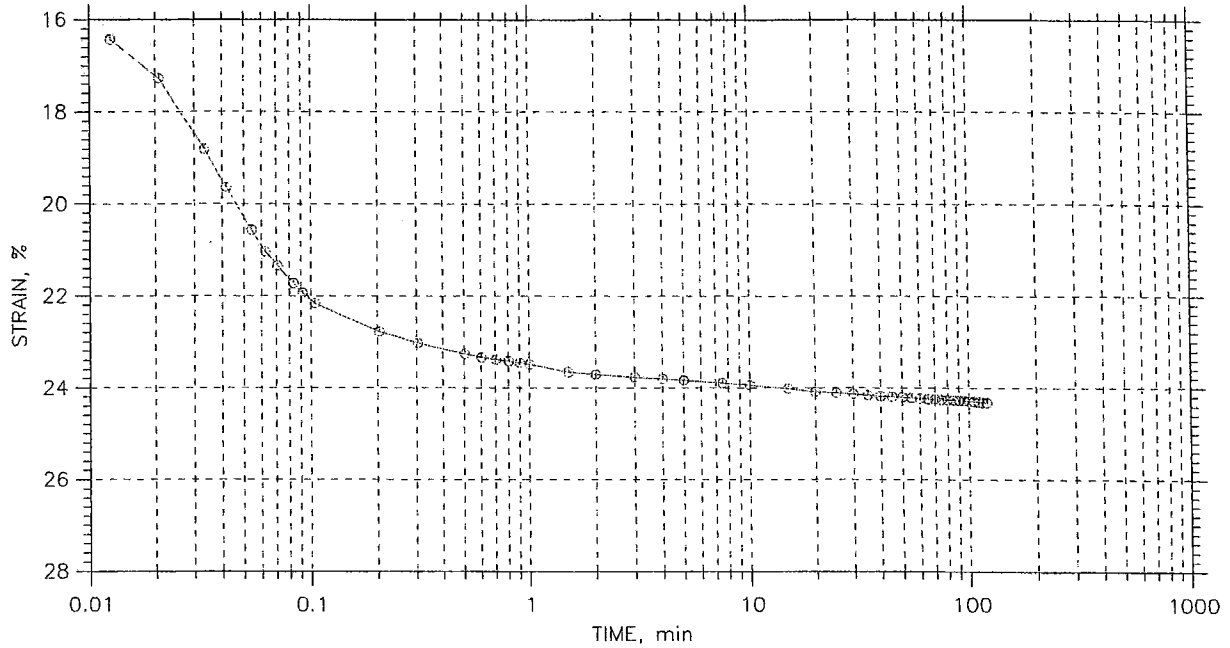
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 16

Stress: 64000 psf



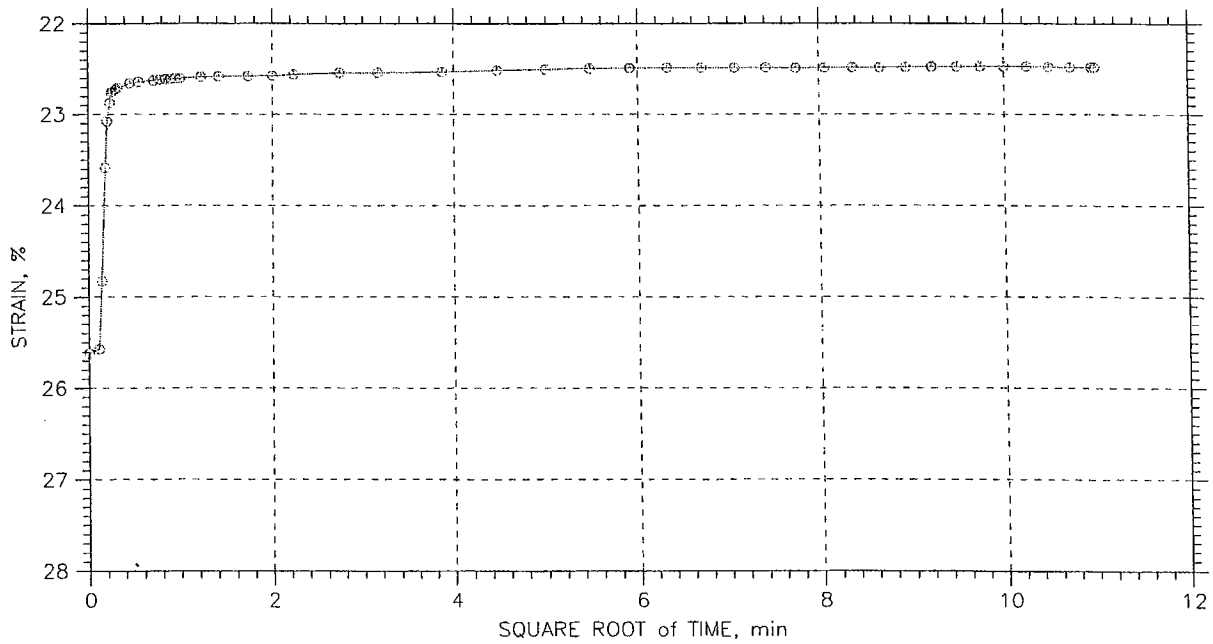
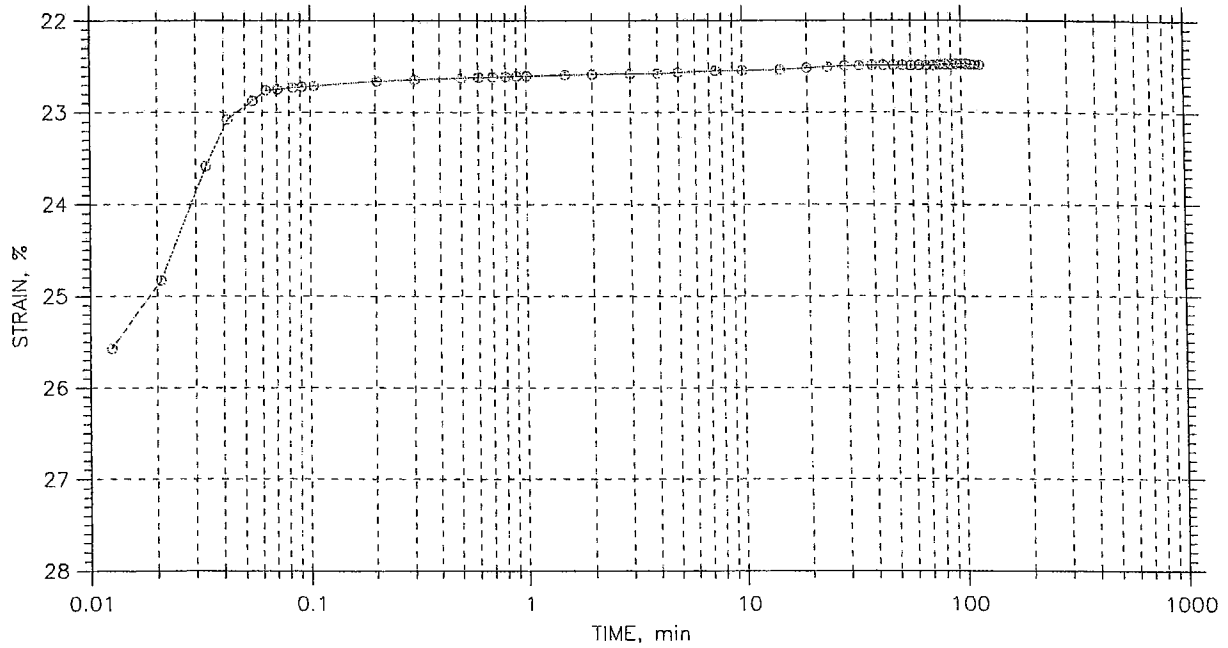
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 16

Stress: 16000 psf



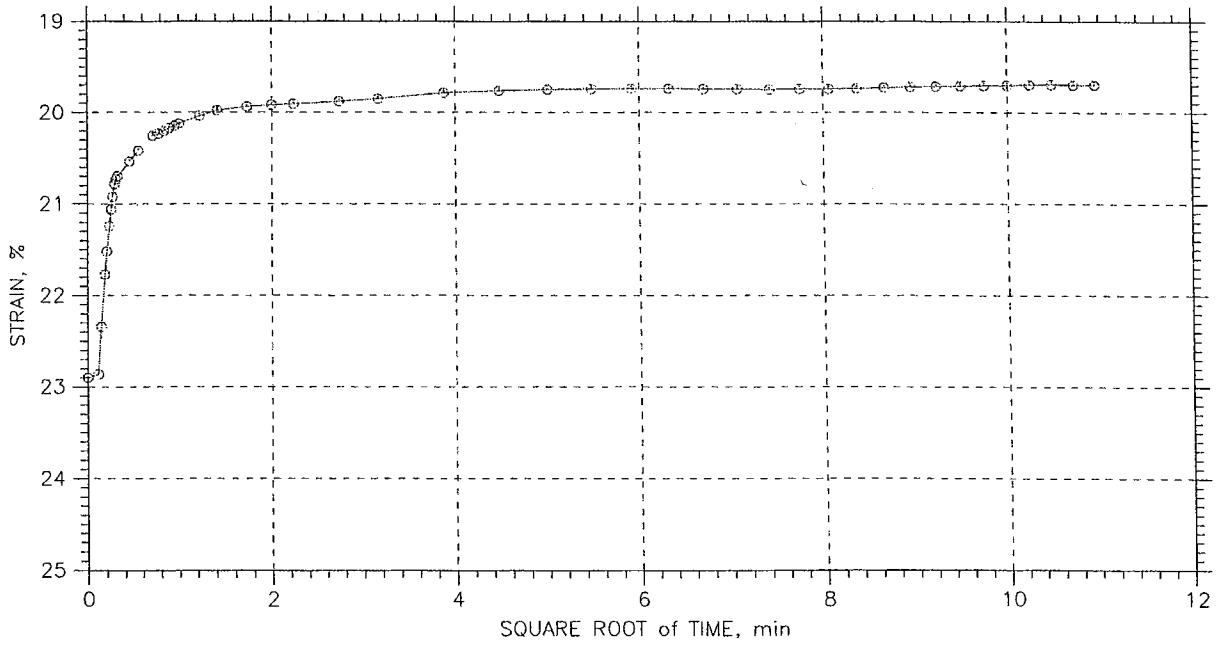
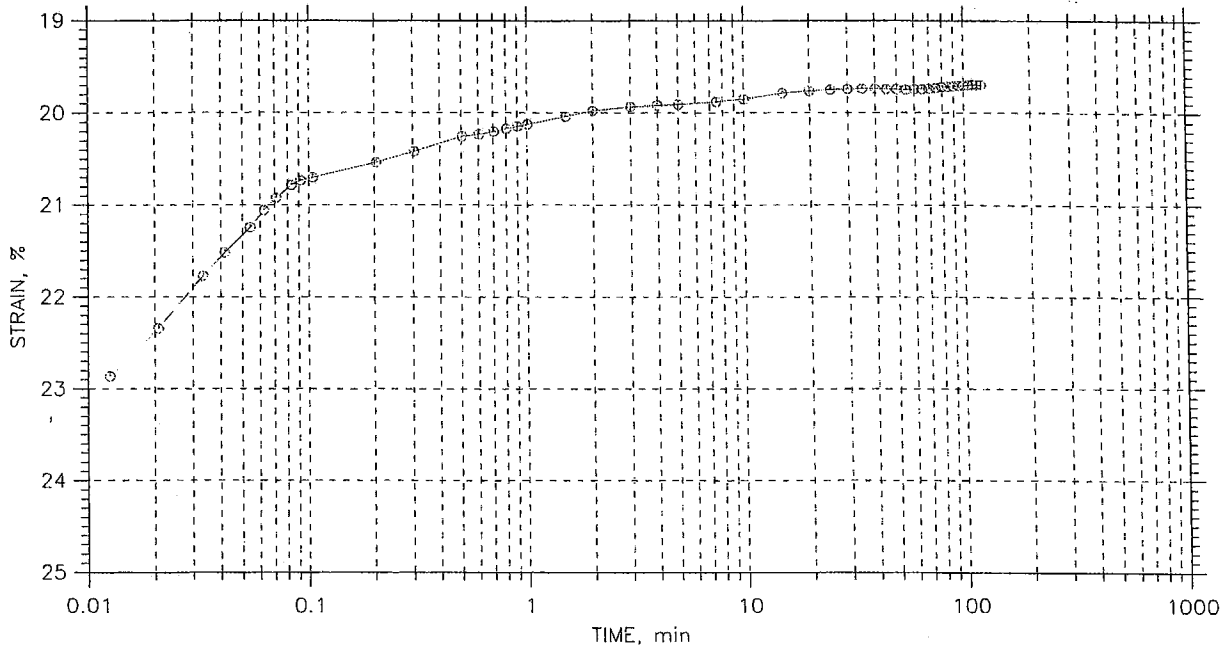
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 16

Stress: 4000. psf



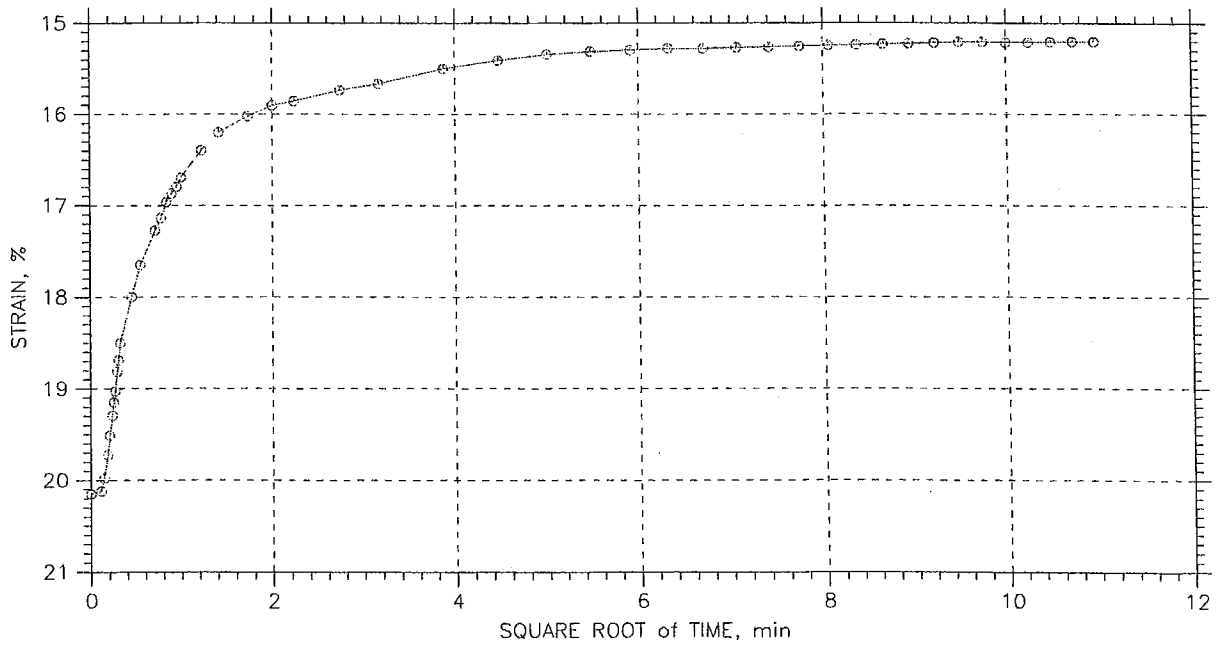
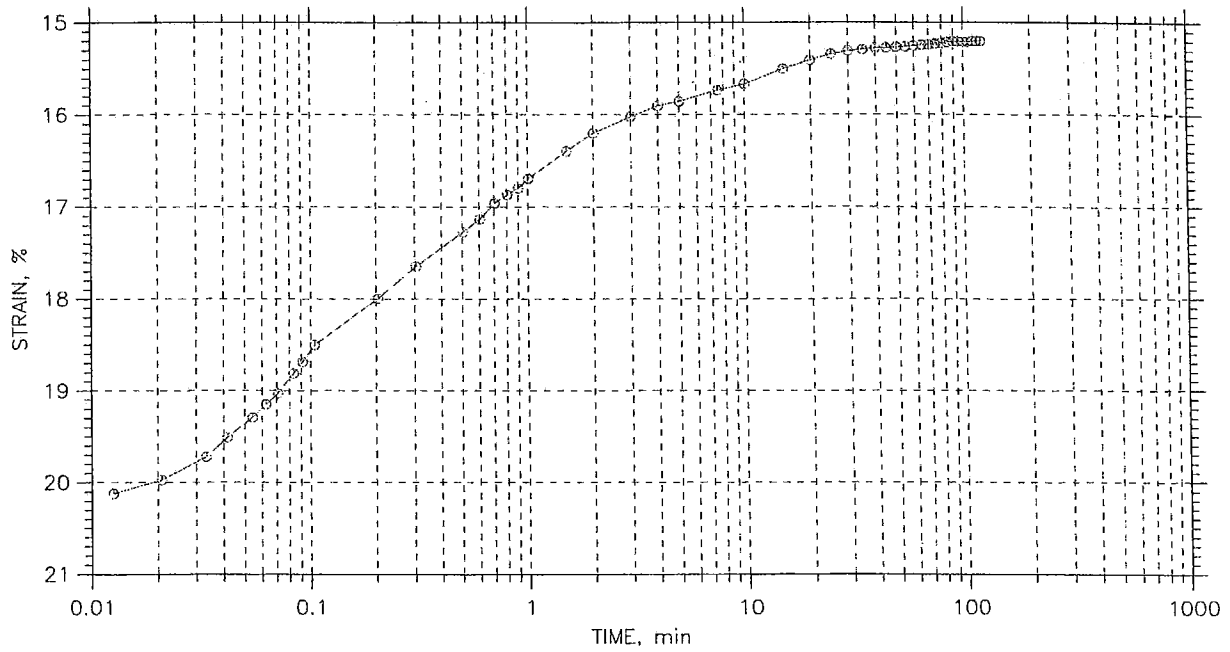
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 16 of 16

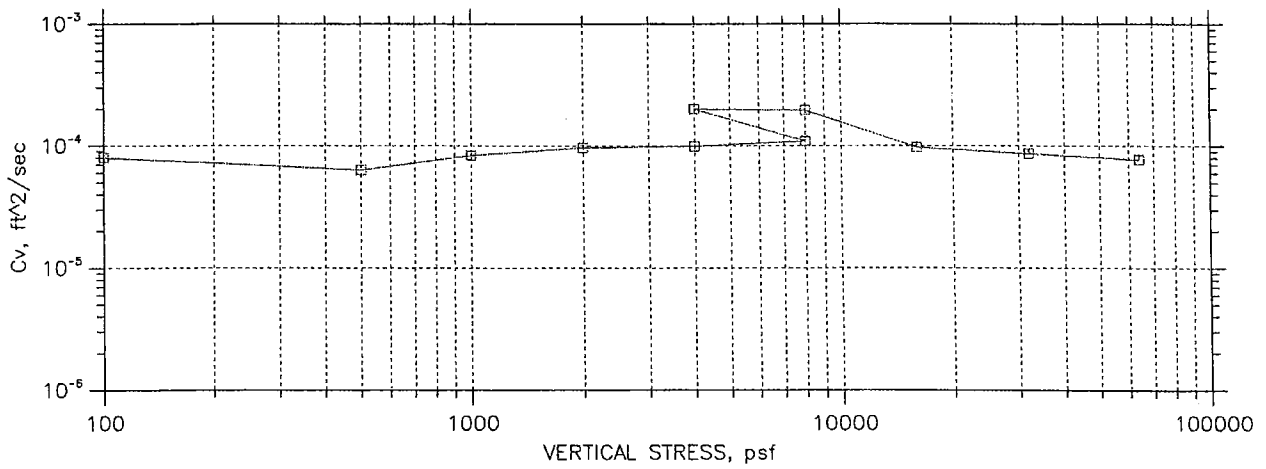
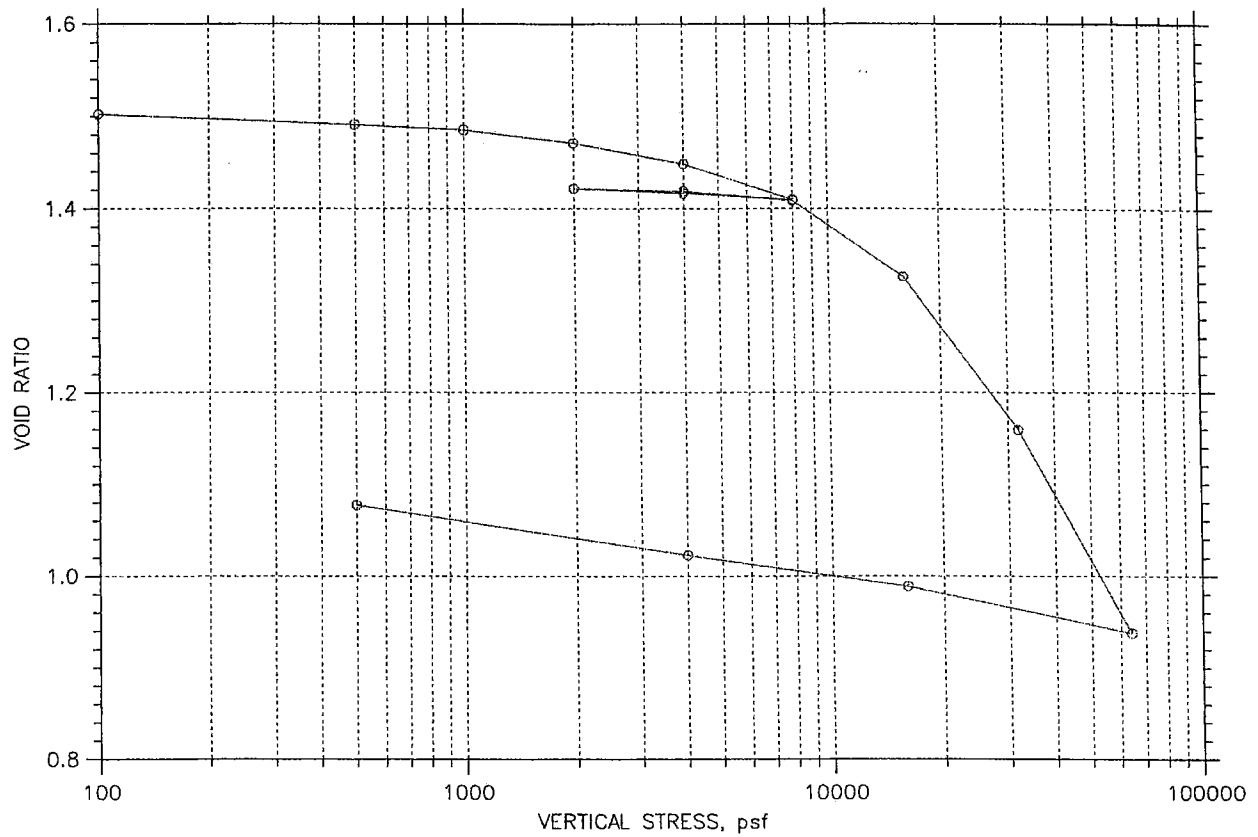
Stress: 500. psf



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-204	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 8/25/06	Depth: 28.5 Ft.
	Test No.: 5360	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

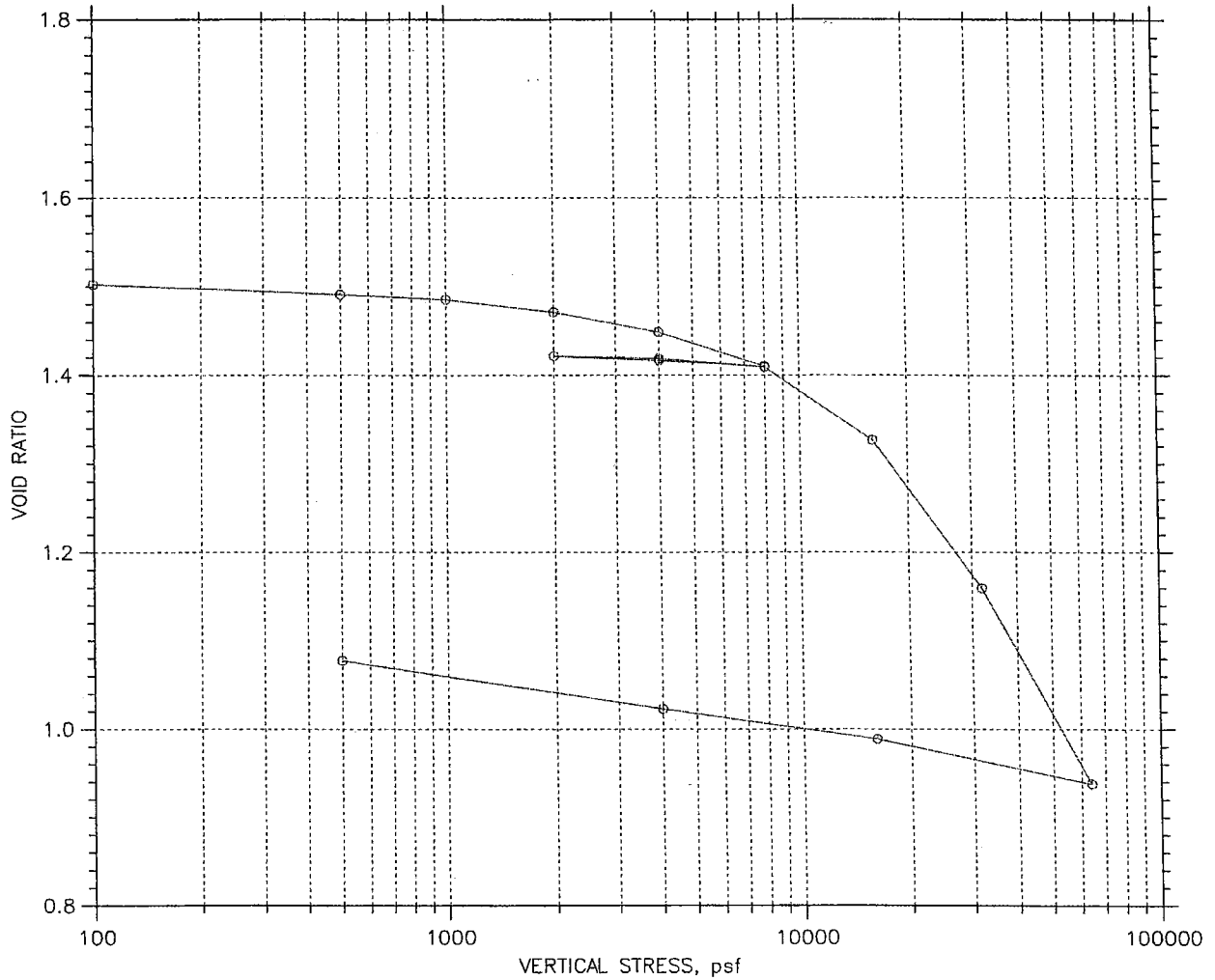
CONSOLIDATION TEST DATA

SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JLL <i>[Signature]</i> 4/24/06
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf				42.86	37.48
Preconsolidation Pressure: 1.967e+004 psf				69.95	84.42
Compression Index: 0.734				79.89	97.73
Diameter: 2.5 in		Height: 1 in		1.51	1.08
LL: 56	PL: 45	PI: 11	GS: 2.81		

MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-209
 Sample No.: UD-1
 Test No.: 5365

Location:
 Tested By: HJ
 Test Date: 8/25/06
 Sample Type: Shelby Tube

Project No.: 6234063534
 Checked By: JL
 Depth: 8.5 Ft.
 Elevation: N/A

Soil Description: Sandy Elastic Silt
 Remarks: Cr = 0.04

Measured Specific Gravity: 2.81
 Initial Void Ratio: 1.51
 Final Void Ratio: 1.08

Liquid Limit: 56
 Plastic Limit: 45
 Plasticity Index: 11

Initial Height: 1.00 in
 Specimen Diameter: 2.50 in

Container ID	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
		RING		
Wt. Container + Wet Soil, gm	128.76	274.39	269.54	269.54
Wt. Container + Dry Soil, gm	90.13	235.76	235.76	235.76
Wt. Container, gm	0	145.63	145.63	145.63
Wt. Dry Soil, gm	90.13	90.13	90.13	90.13
Water Content, %	42.86	42.86	37.48	37.48
Void Ratio	---	1.51	1.08	---
Degree of Saturation, %	---	79.89	97.73	---
Dry Unit Weight, pcf	---	69.948	84.418	---

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-209
 Sample No.: UD-1
 Test No.: 5365

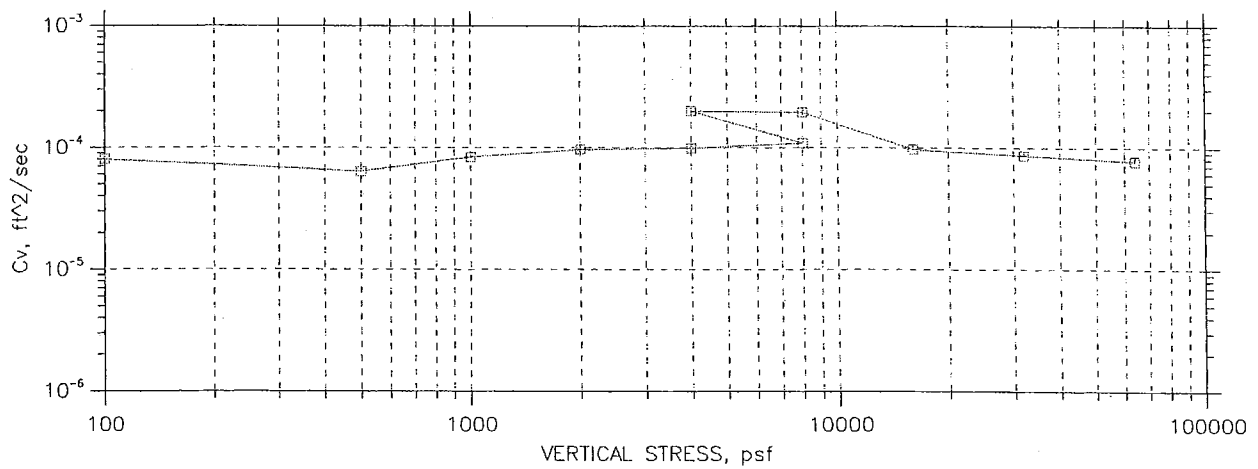
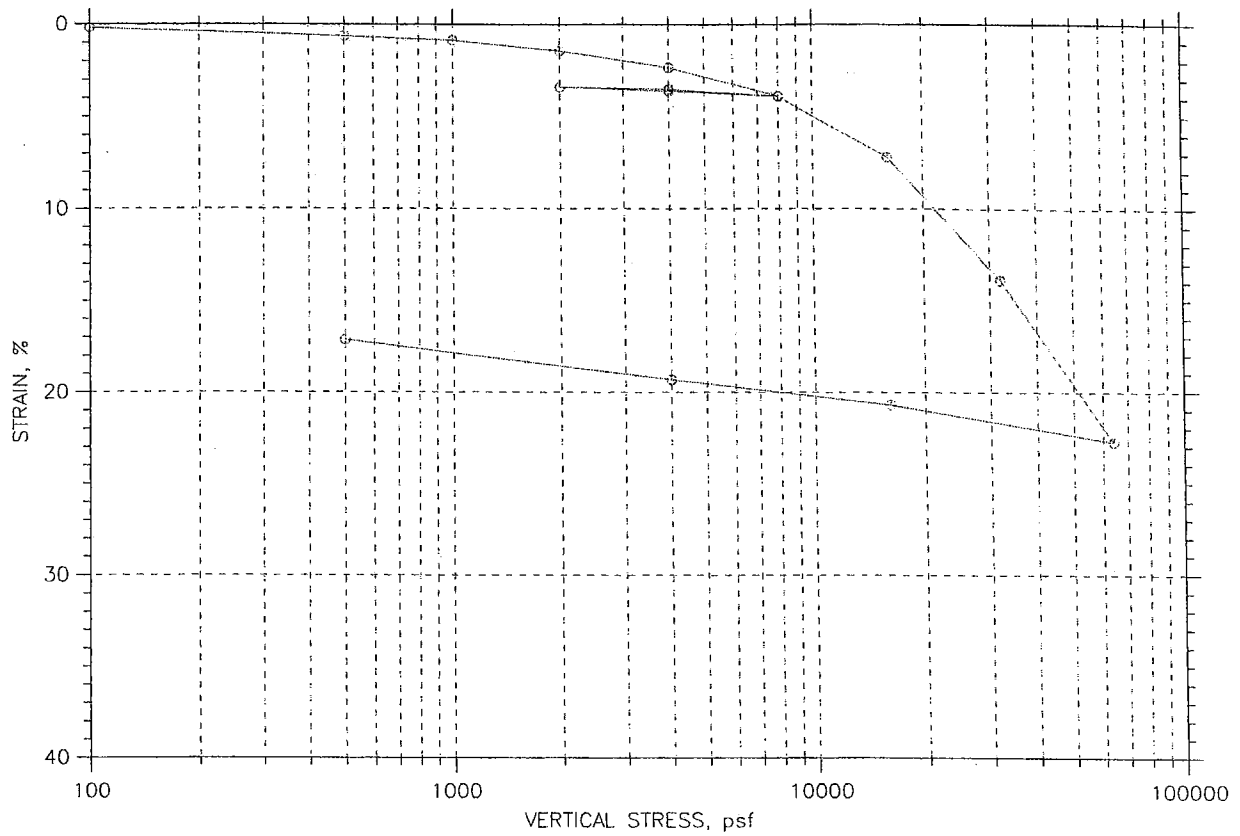
Location:
 Tested By: HJ
 Test Date: 8/25/06
 Sample Type: Shelby Tube

Project No.: 6234063534
 Checked By: JL
 Depth: 8.5 Ft.
 Elevation: N/A

Soil Description: Sandy Elastic Silt
 Remarks: Cr = 0.04

	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.001887	1.502	0.19	0.1	0.0	8.01e-005	0.00e+000	8.01e-005
2	500	0.006385	1.491	0.64	0.1	0.1	5.93e-005	6.83e-005	6.35e-005
3	1e+003	0.008606	1.485	0.86	0.1	0.0	8.35e-005	0.00e+000	8.35e-005
4	2e+003	0.01431	1.471	1.43	0.1	0.1	1.02e-004	9.24e-005	9.68e-005
5	4e+003	0.0233	1.449	2.33	0.1	0.0	8.12e-005	1.28e-004	9.93e-005
6	8e+003	0.03876	1.410	3.88	0.1	0.0	9.91e-005	1.23e-004	1.10e-004
7	4e+003	0.0361	1.416	3.61	0.0	0.0	2.66e-004	0.00e+000	2.66e-004
8	2e+003	0.03409	1.422	3.41	0.0	0.0	1.29e-004	1.49e-004	1.38e-004
9	4e+003	0.03525	1.419	3.53	0.0	0.0	2.01e-004	0.00e+000	2.01e-004
10	8e+003	0.03913	1.409	3.91	0.0	0.0	1.96e-004	0.00e+000	1.96e-004
11	1.6e+004	0.07199	1.327	7.20	0.1	0.0	9.10e-005	1.04e-004	9.73e-005
12	3.2e+004	0.1386	1.159	13.86	0.1	0.1	8.51e-005	8.81e-005	8.66e-005
13	6.4e+004	0.227	0.938	22.70	0.1	0.0	7.14e-005	8.44e-005	7.74e-005
14	1.6e+004	0.2068	0.989	20.68	0.0	0.0	1.31e-004	0.00e+000	1.31e-004
15	4e+003	0.1931	1.023	19.31	0.1	0.0	7.21e-005	0.00e+000	7.21e-005
16	500	0.1714	1.077	17.14	0.7	0.2	5.64e-006	2.51e-005	9.21e-006

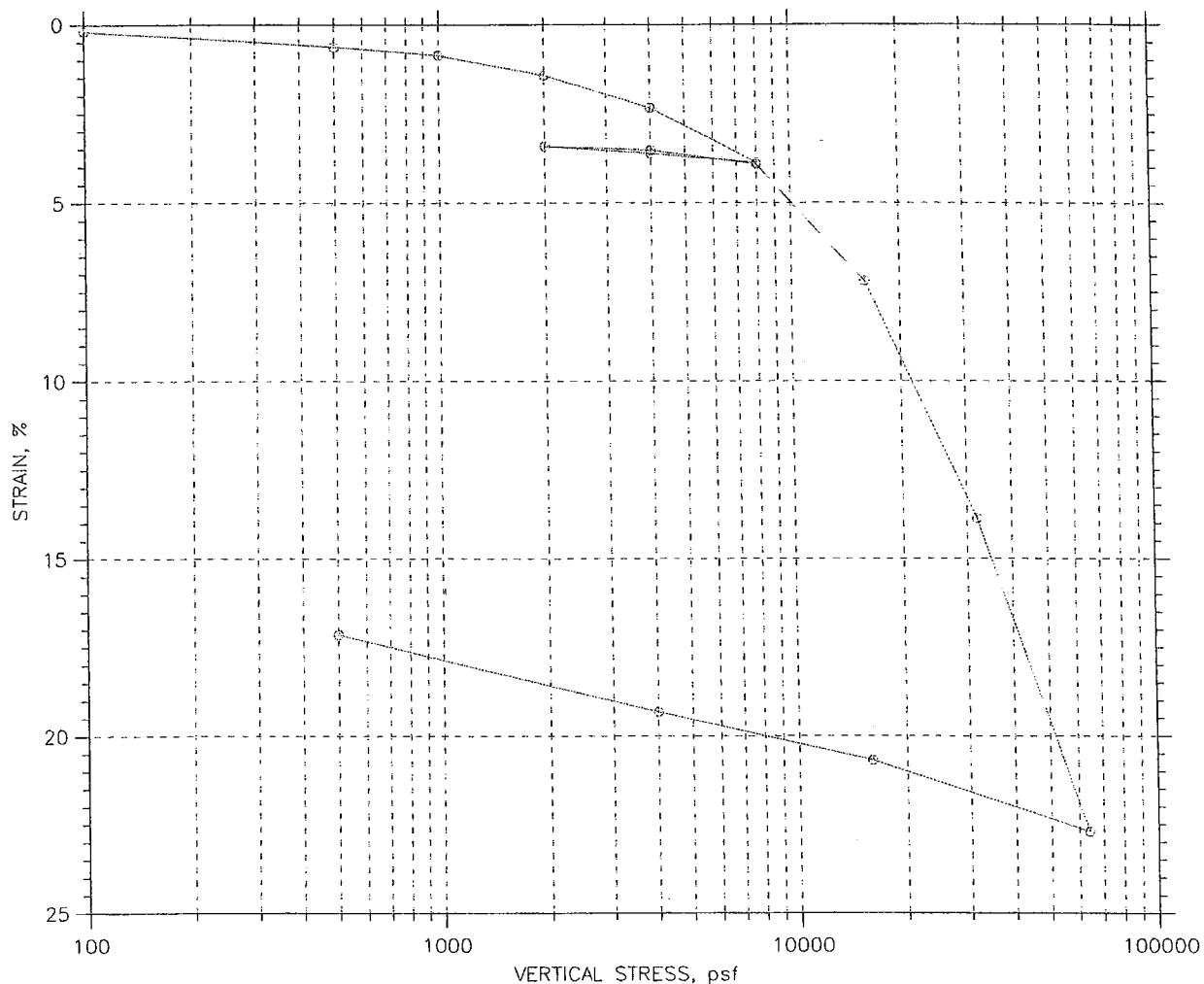
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf				Water Content, %	42.86 37.48
Preconsolidation Pressure: 1.967e+004 psf				Dry Unit Weight, pcf	69.95 84.42
Compression Index: 0.734				Saturation, %	79.89 97.73
Diameter: 2.5 in		Height: 1 in		Void Ratio	1.51 1.08
LL: 56	PL: 45	PI: 11	GS: 2.81		

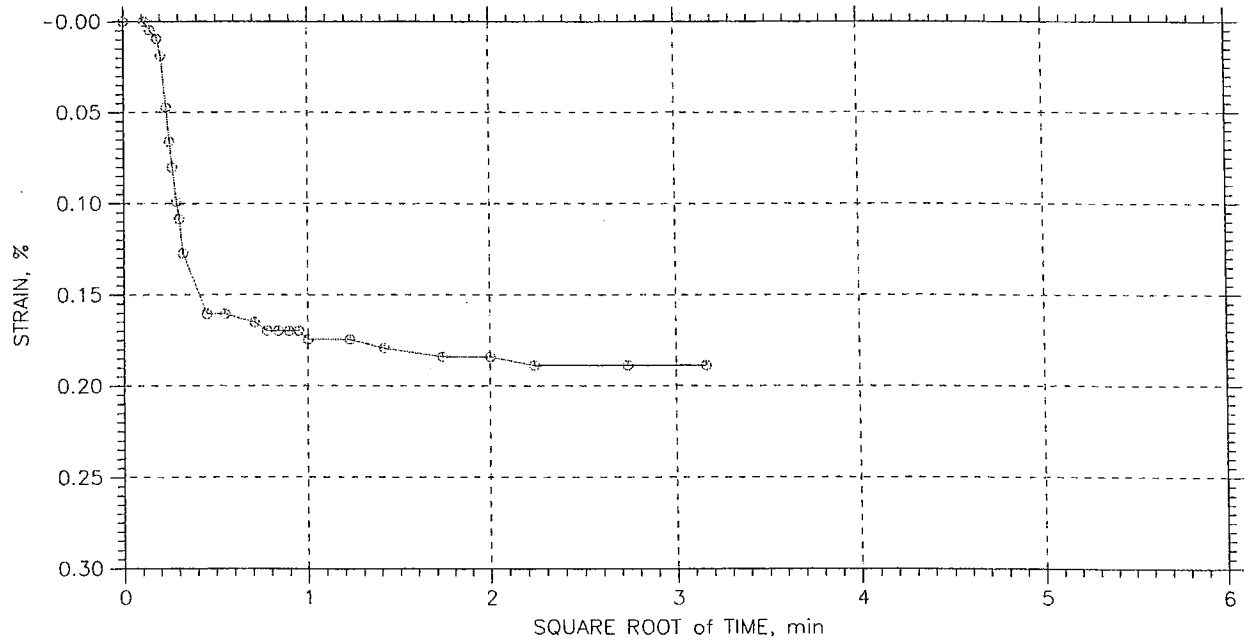
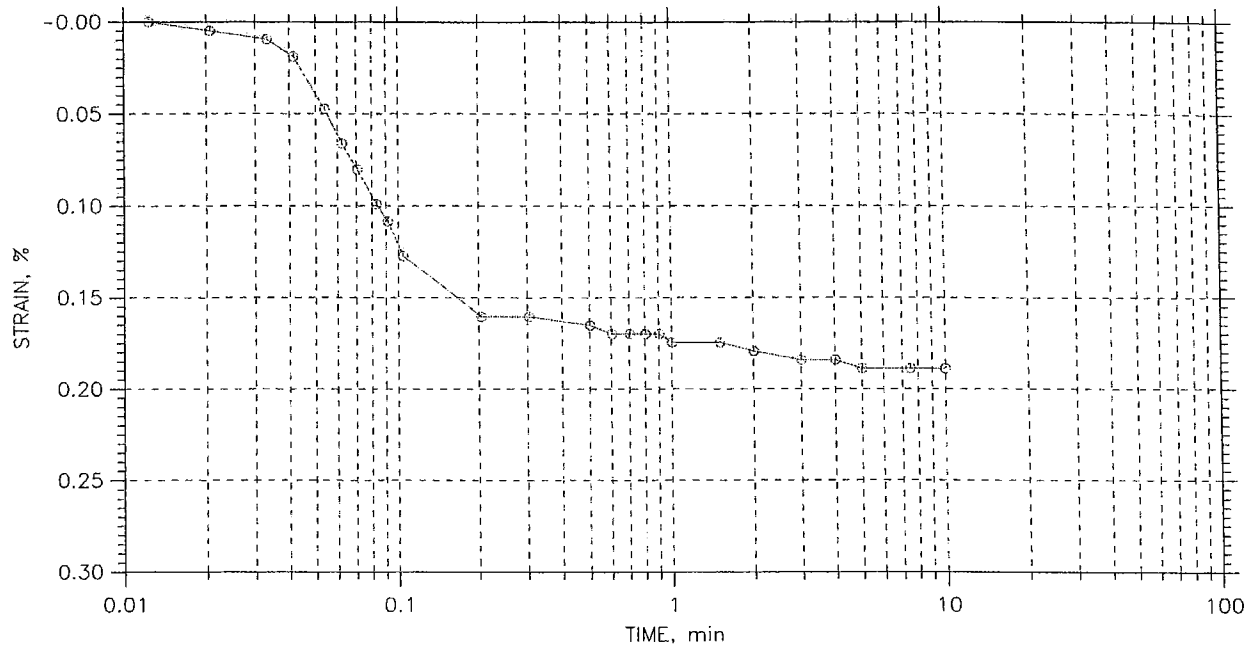
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/21/06
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 16

Stress: 100. psf



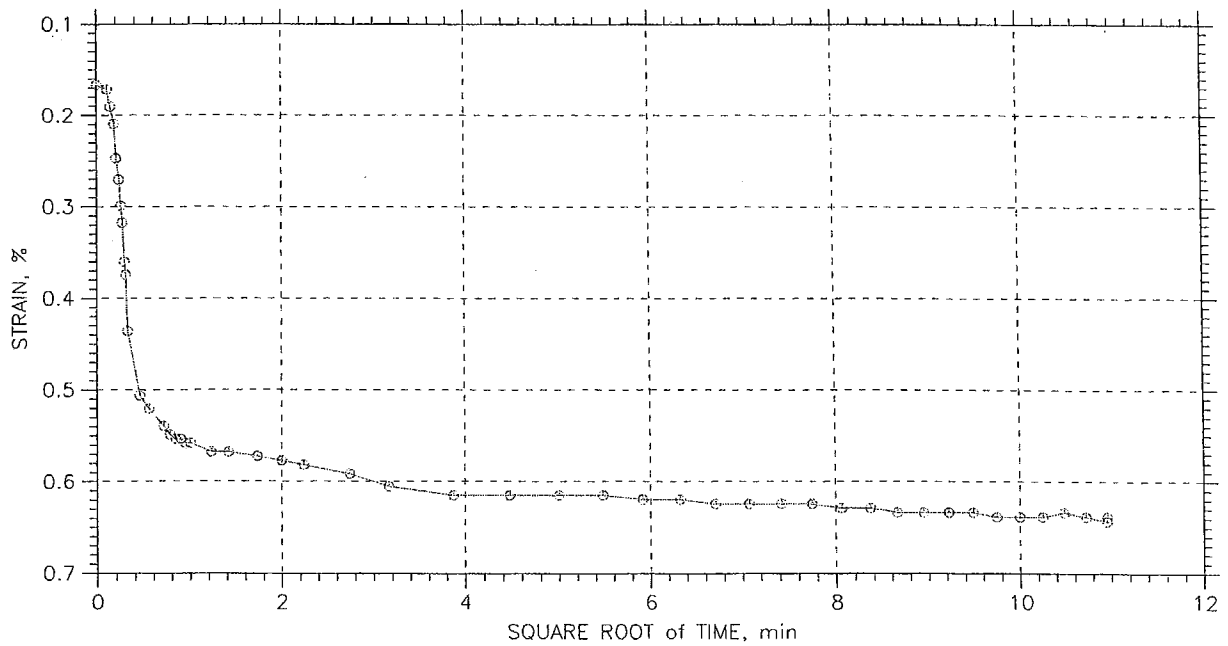
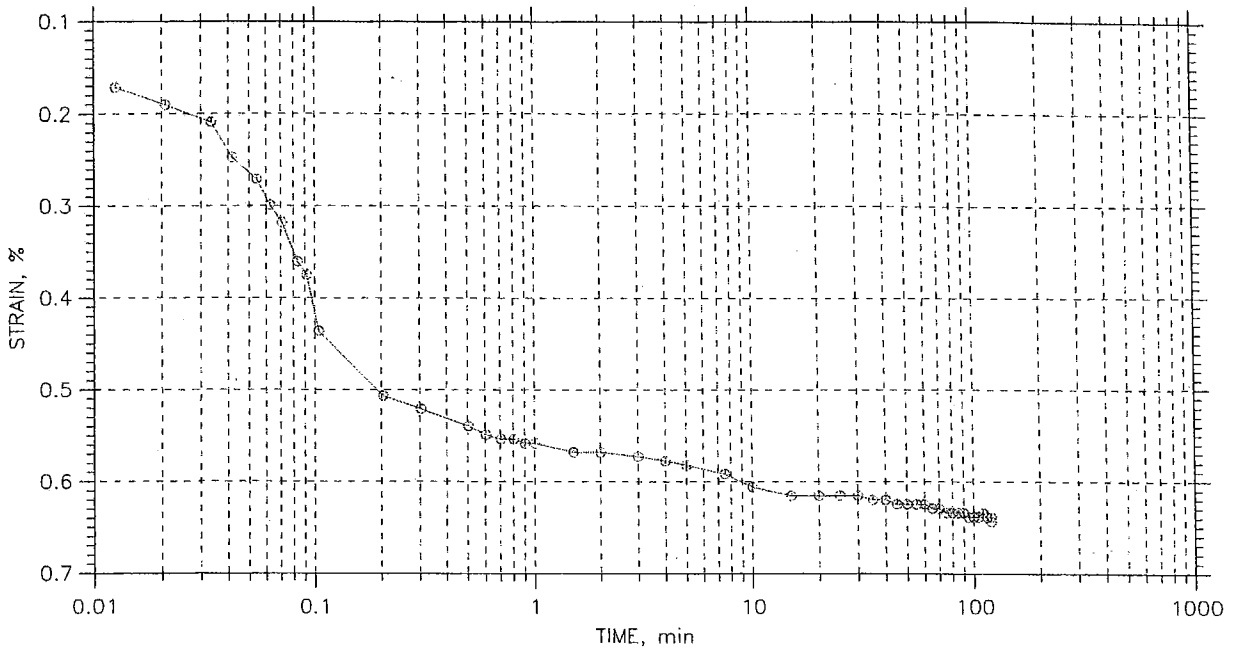
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 16

Stress: 500. psf



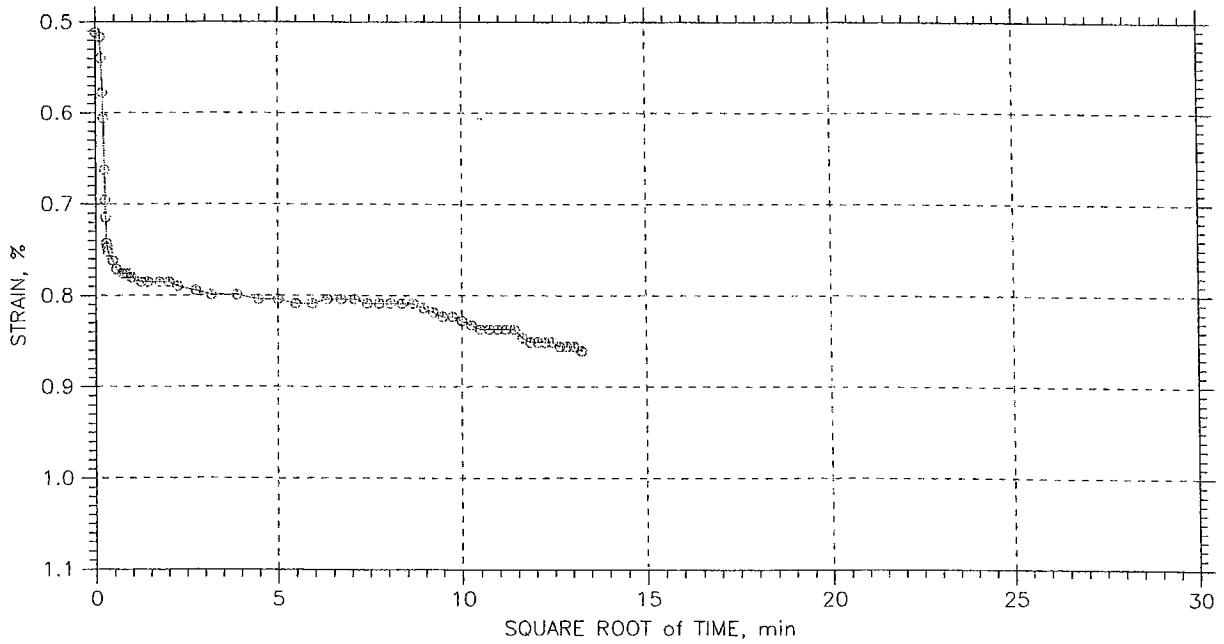
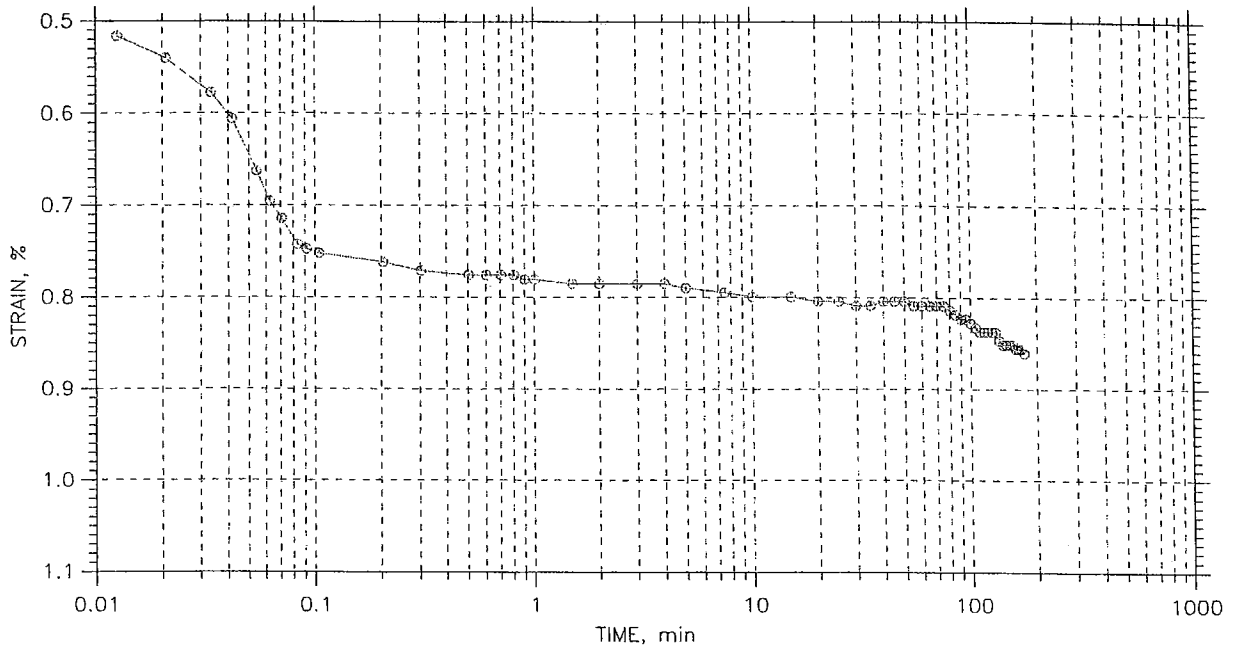
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 16

Stress: 1000. psf



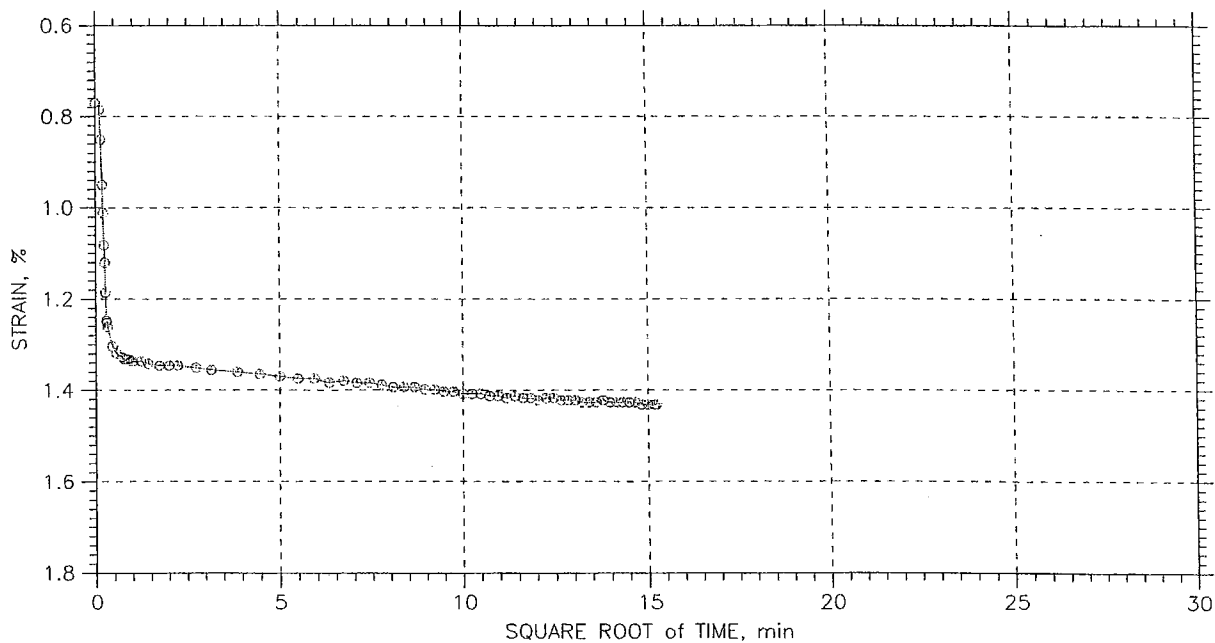
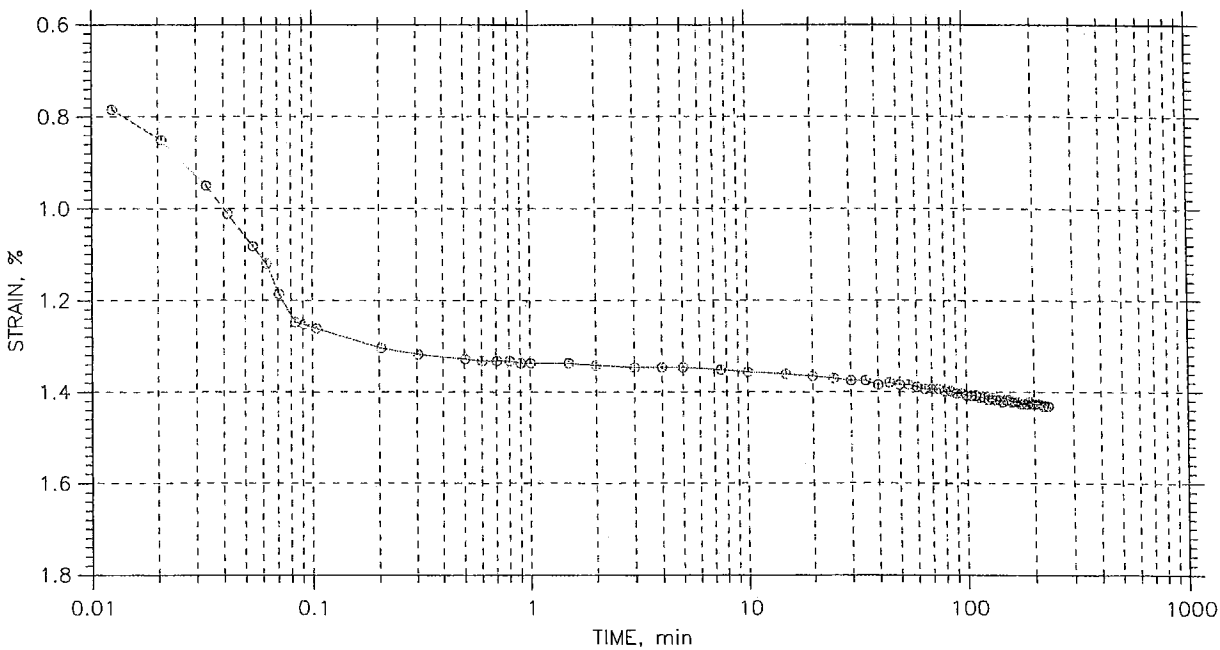
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 16

Stress: 2000. psf



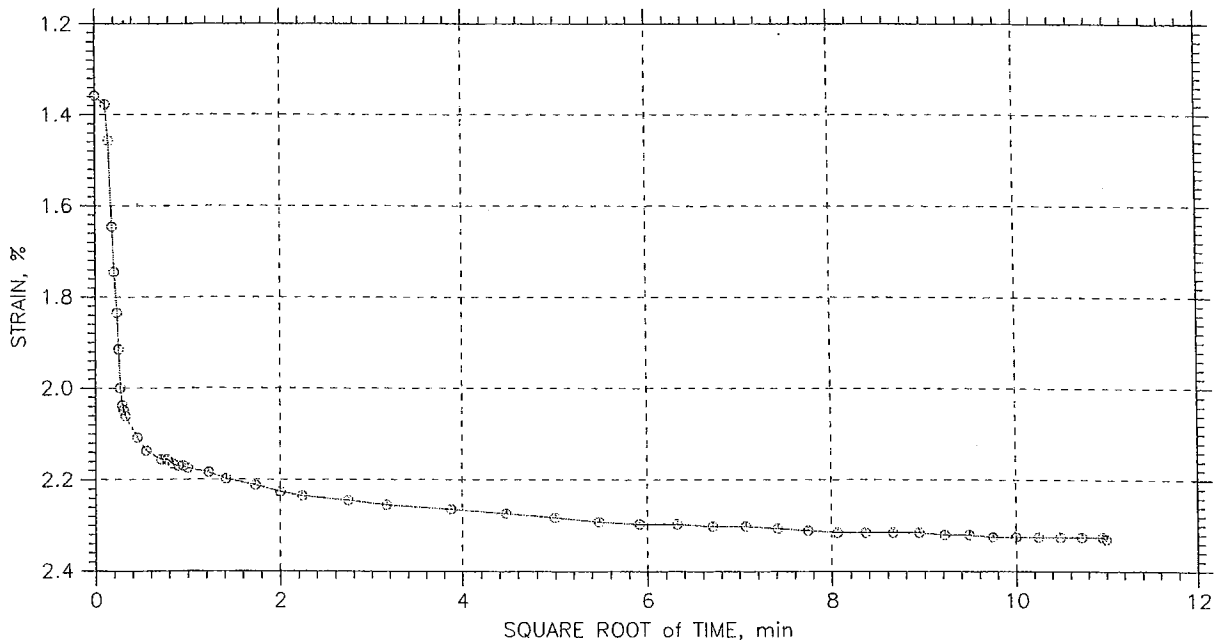
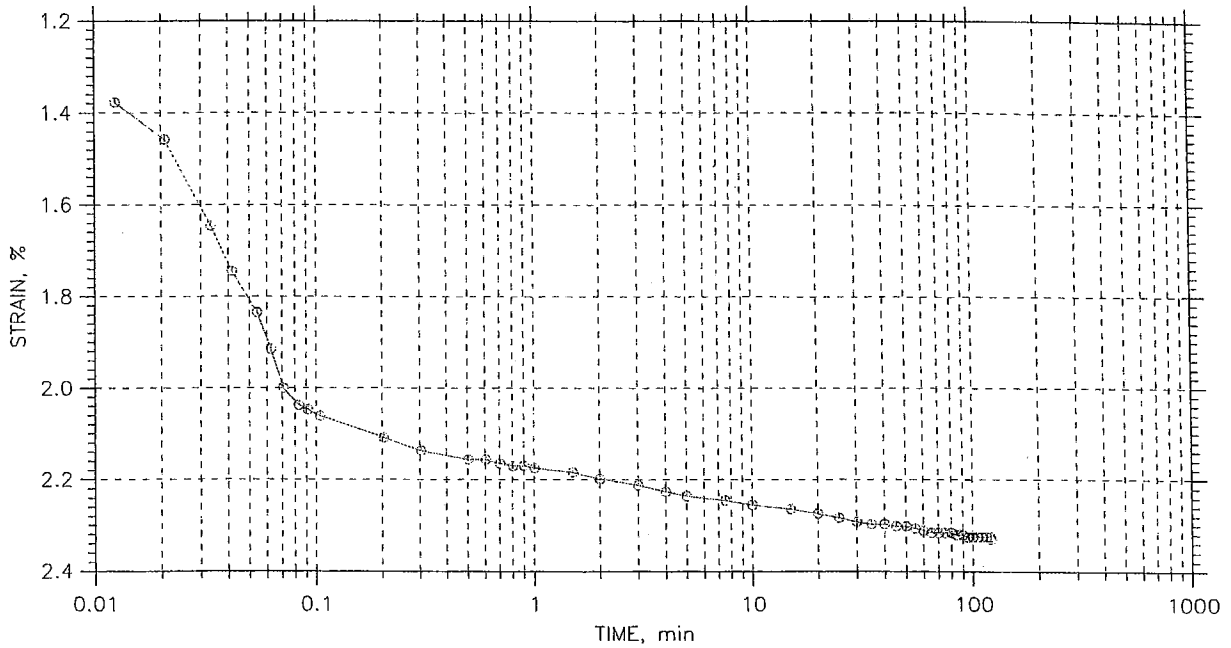
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 16

Stress: 4000. psf



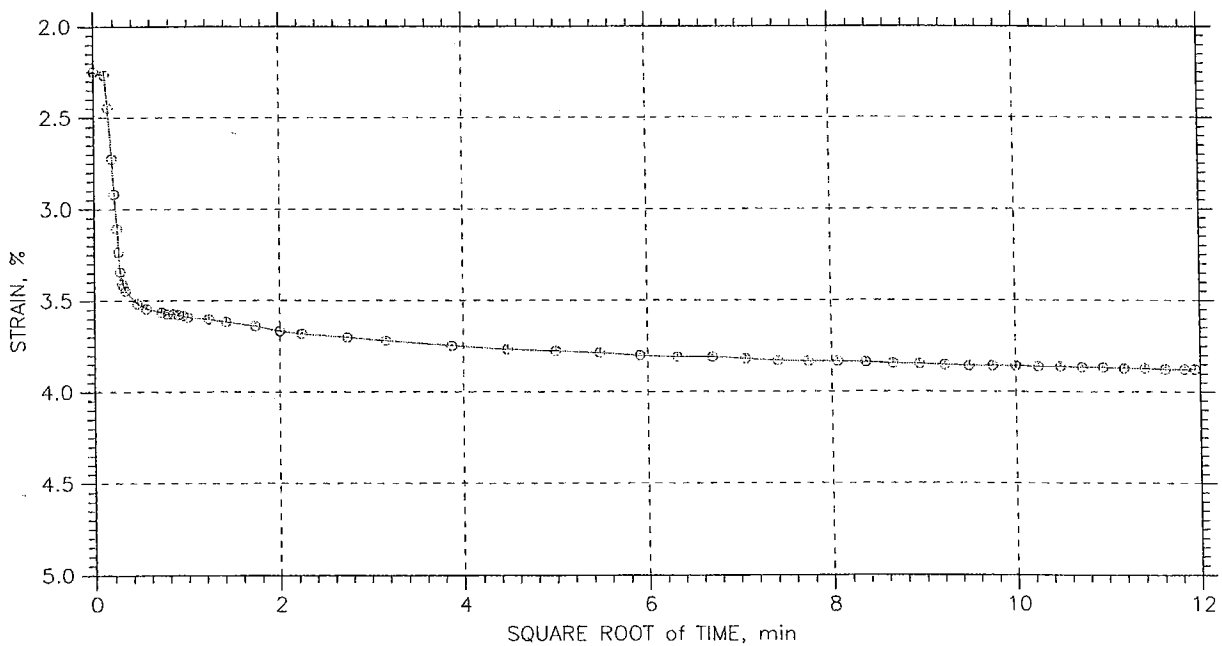
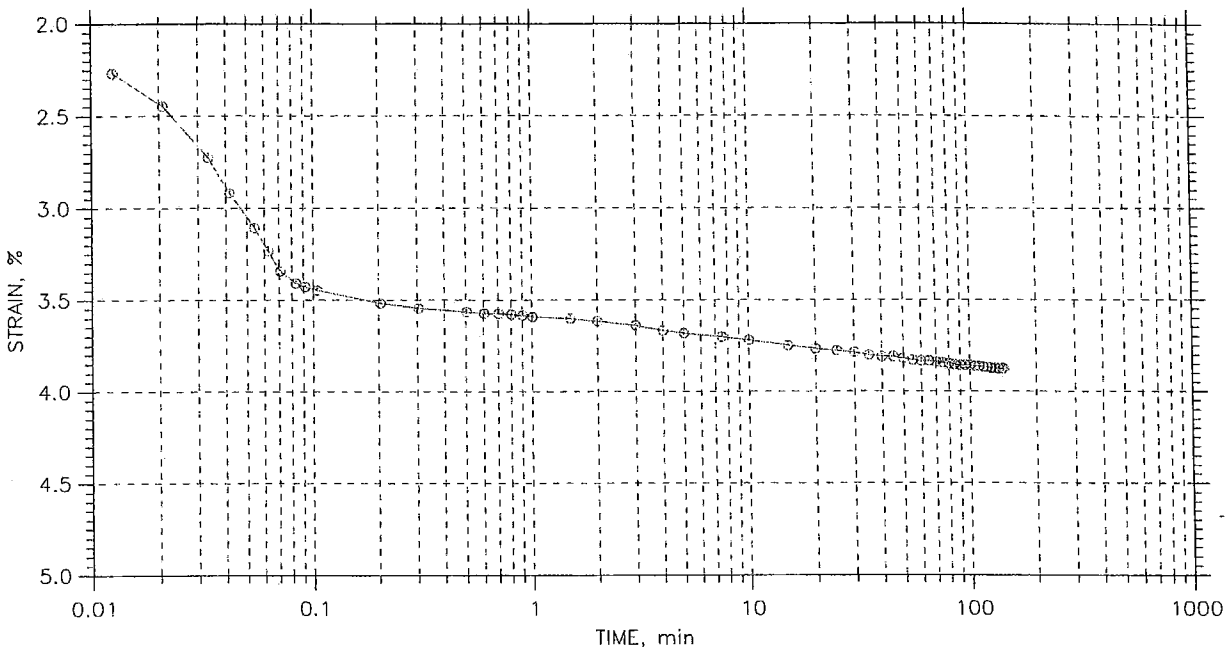
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 16

Stress: 8000. psf



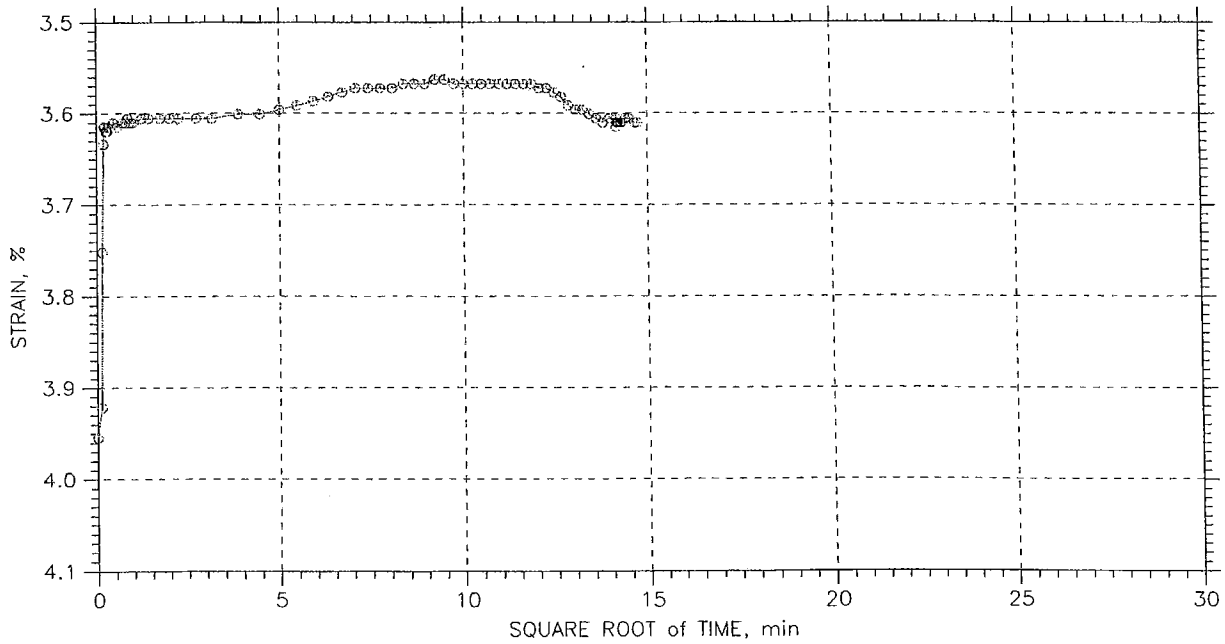
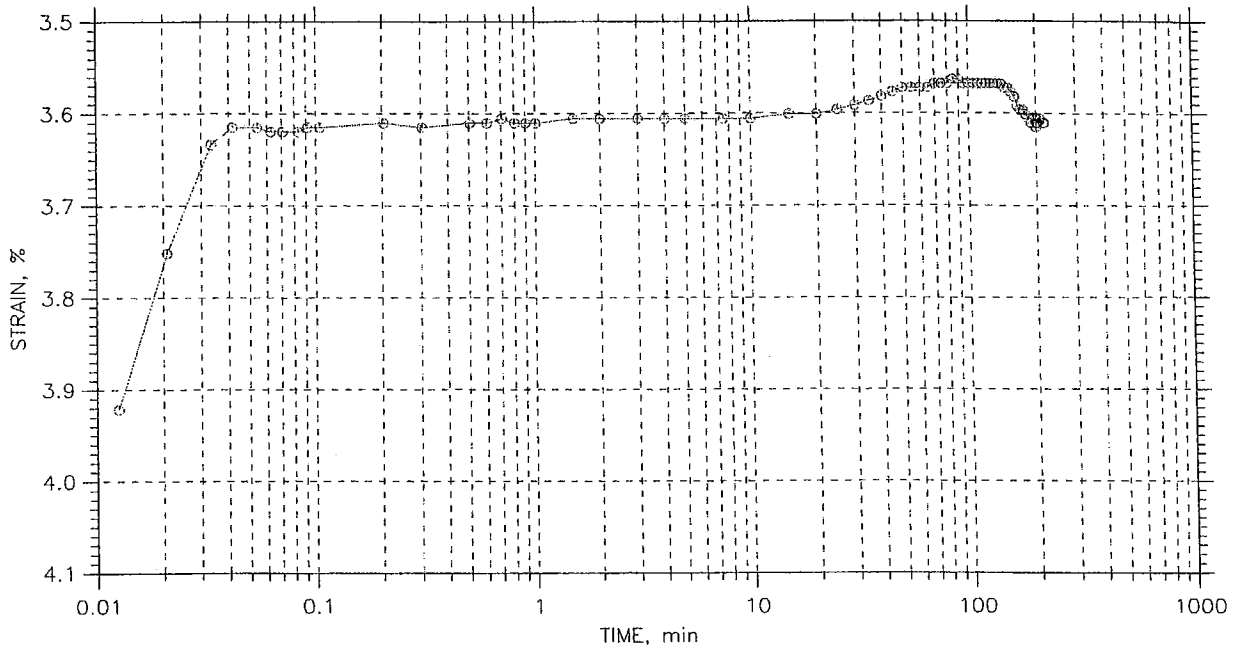
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 16

Stress: 4000. psf



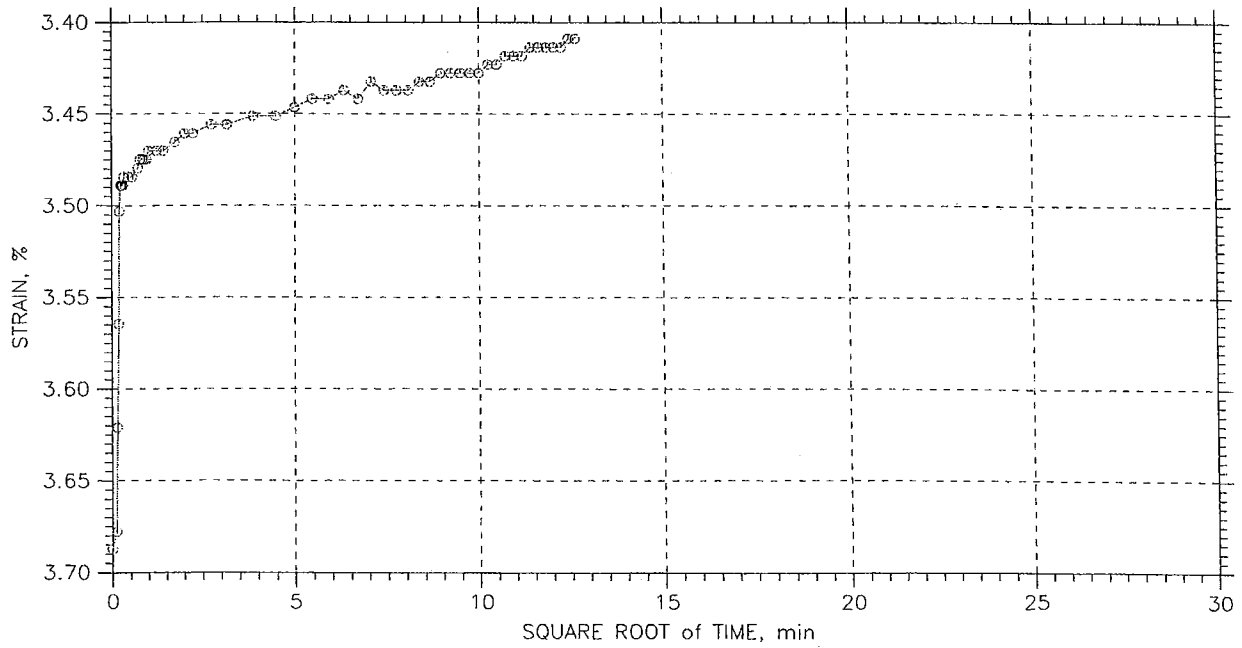
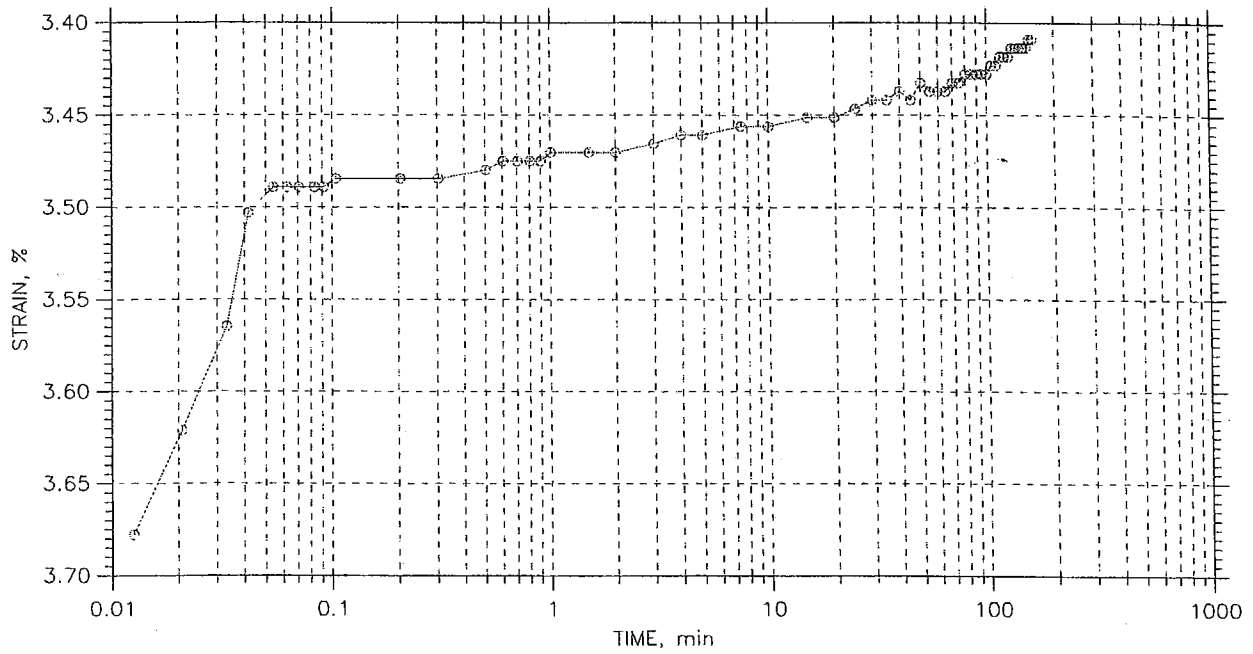
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 16

Stress: 2000. psf



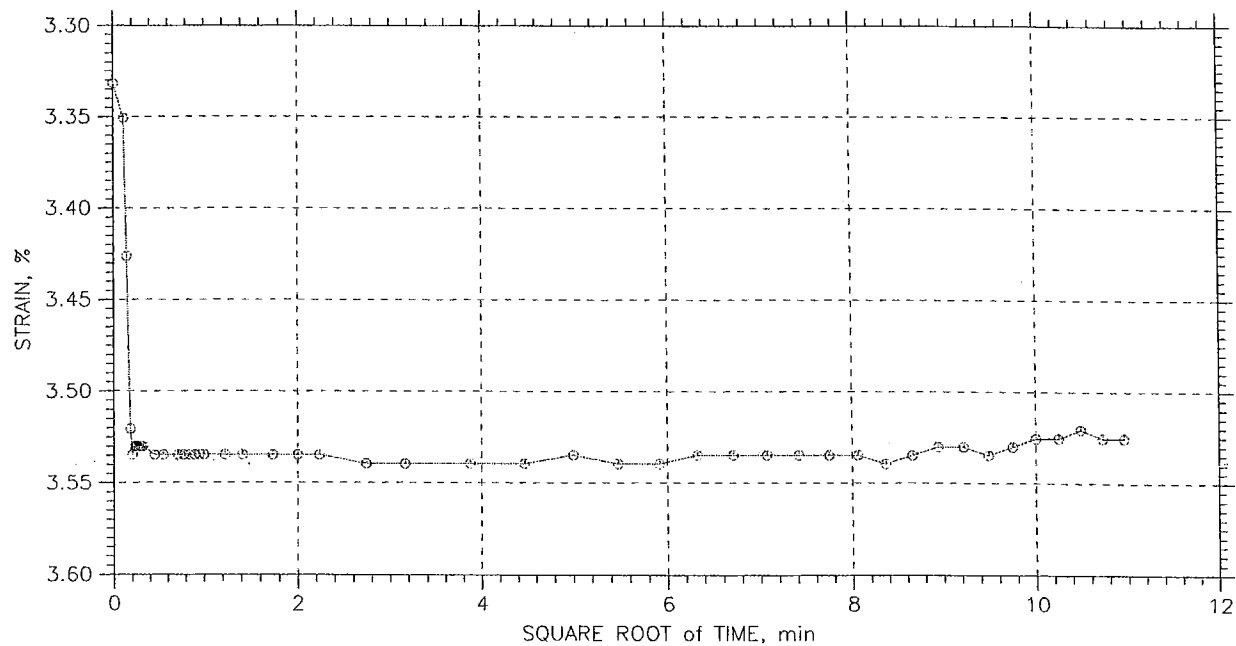
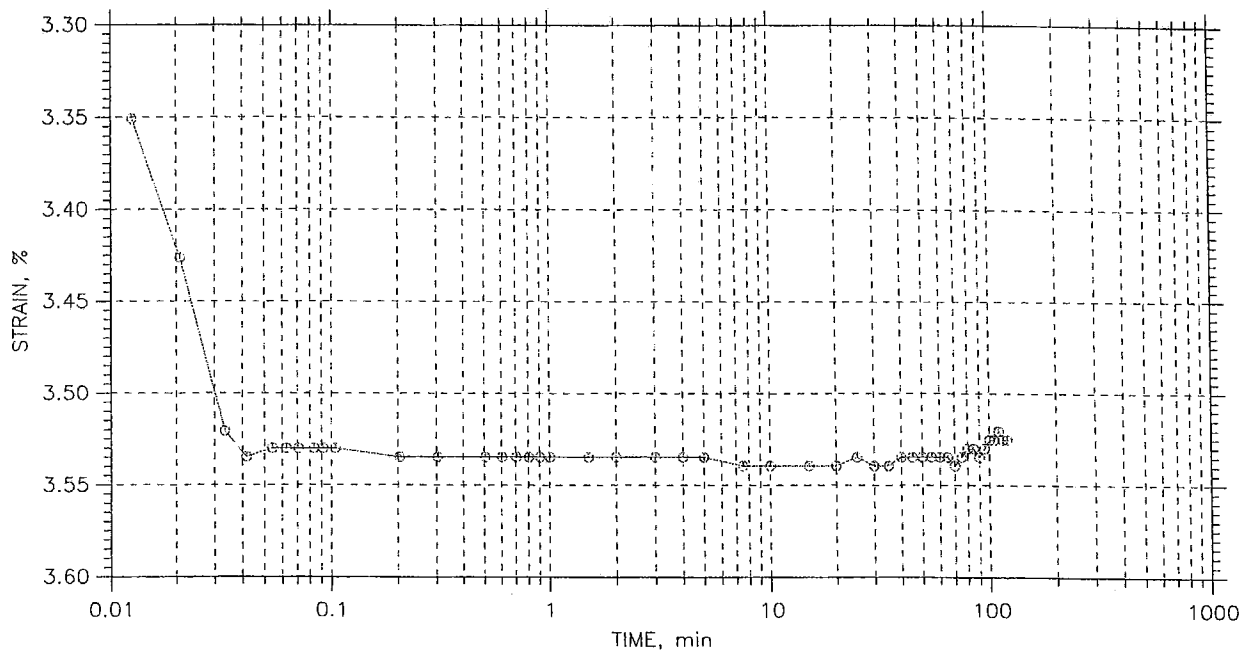
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 16

Stress: 4000. psf



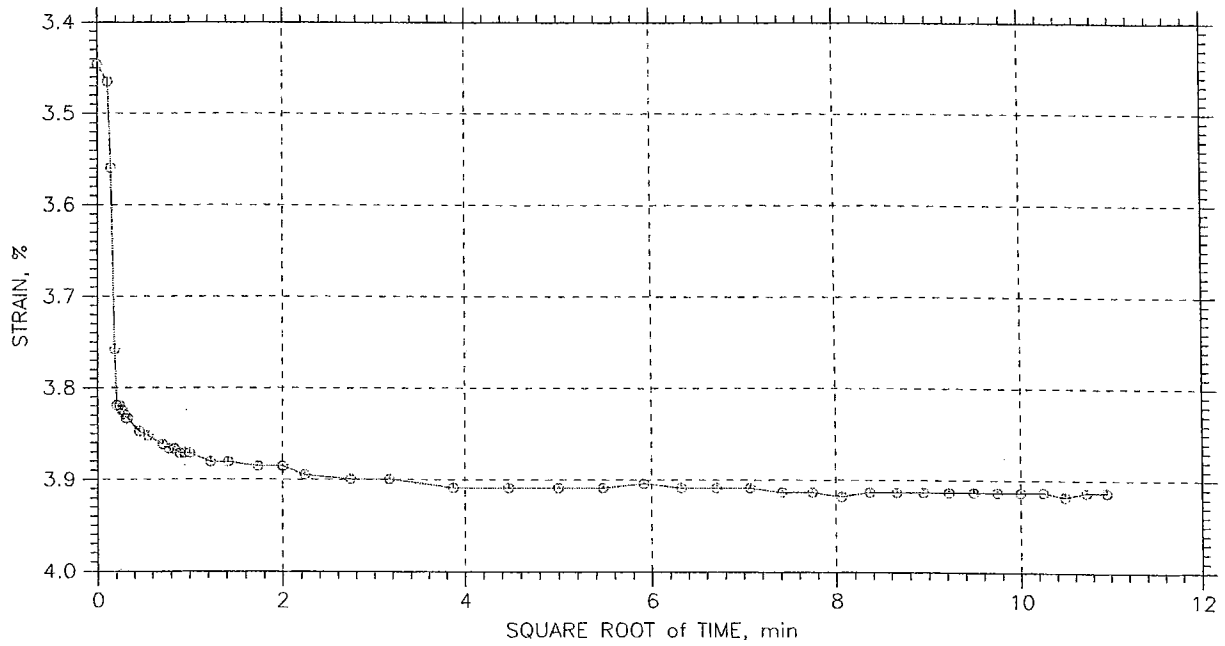
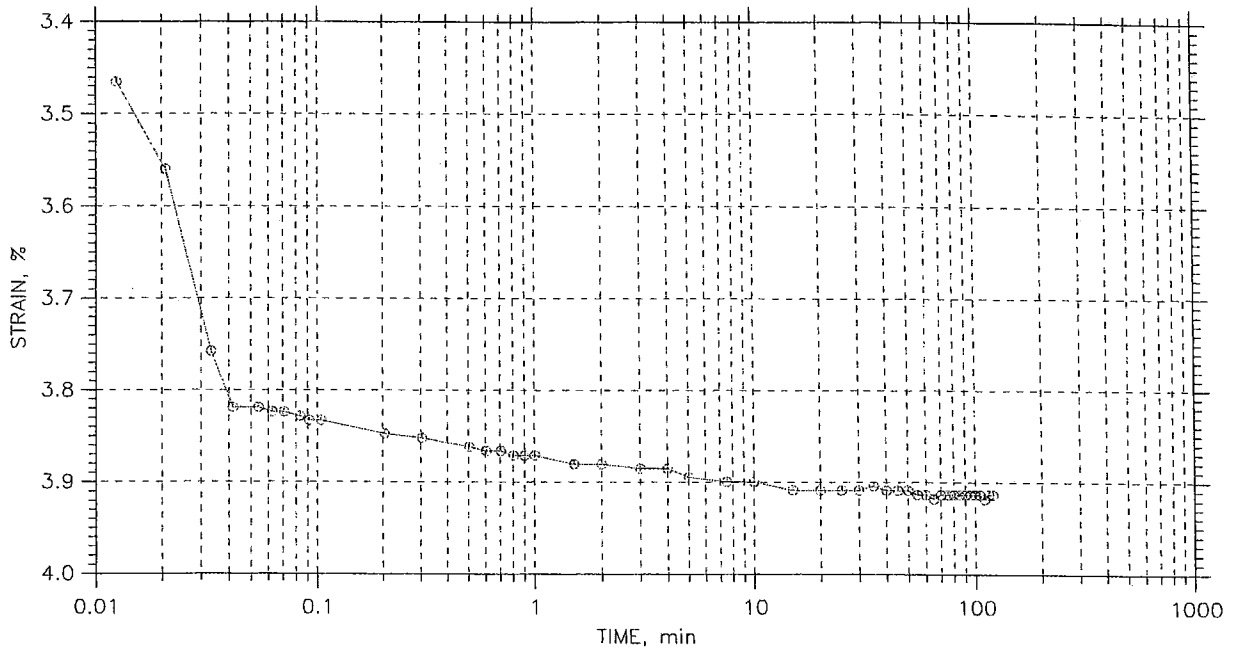
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 16

Stress: 8000. psf



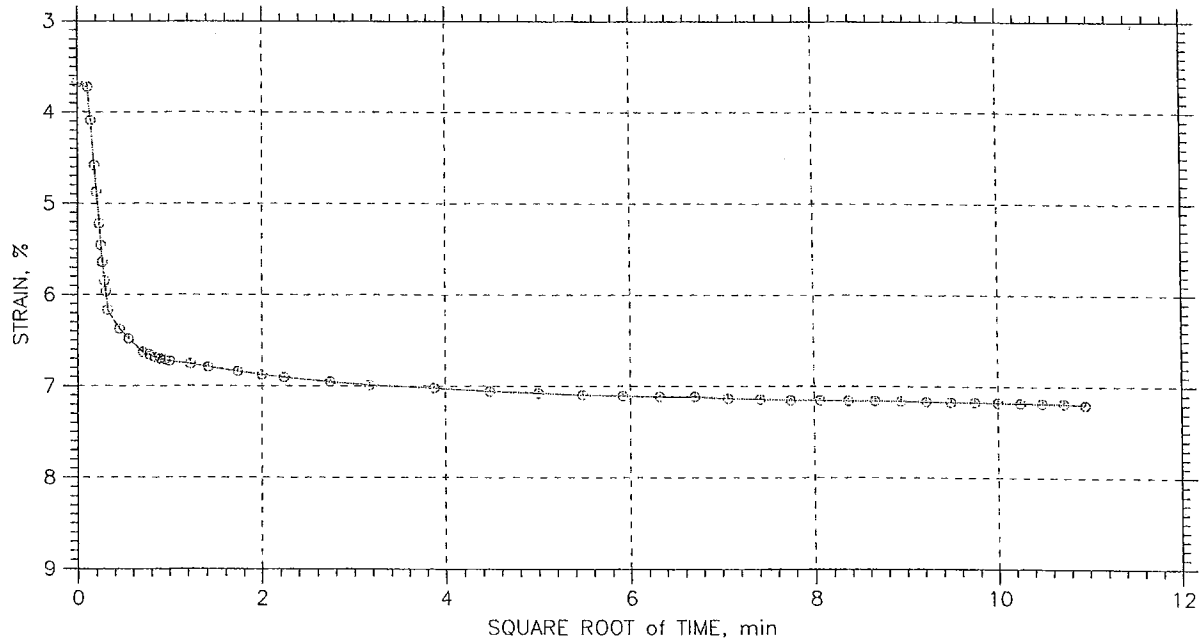
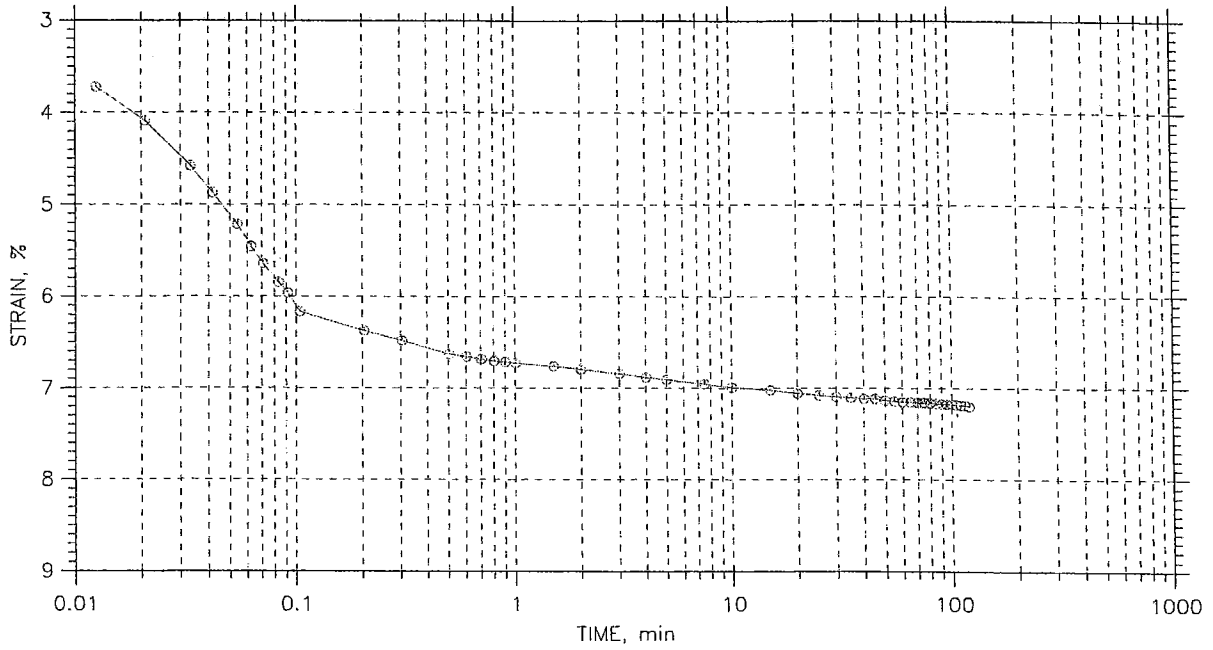
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 16

Stress: 16000 psf



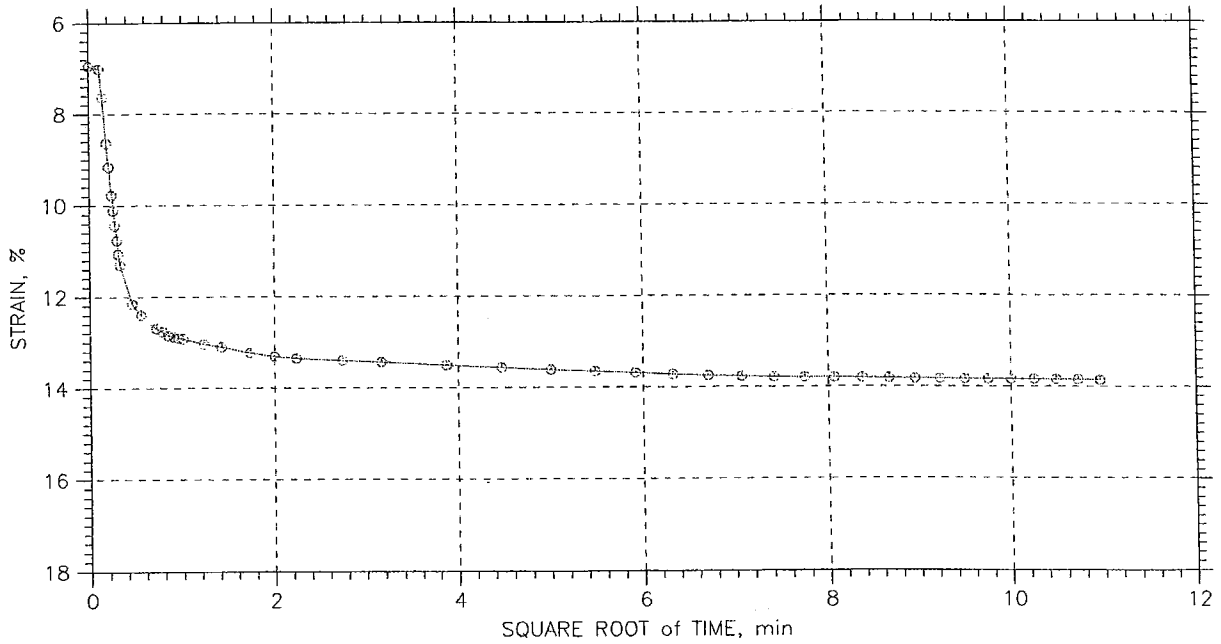
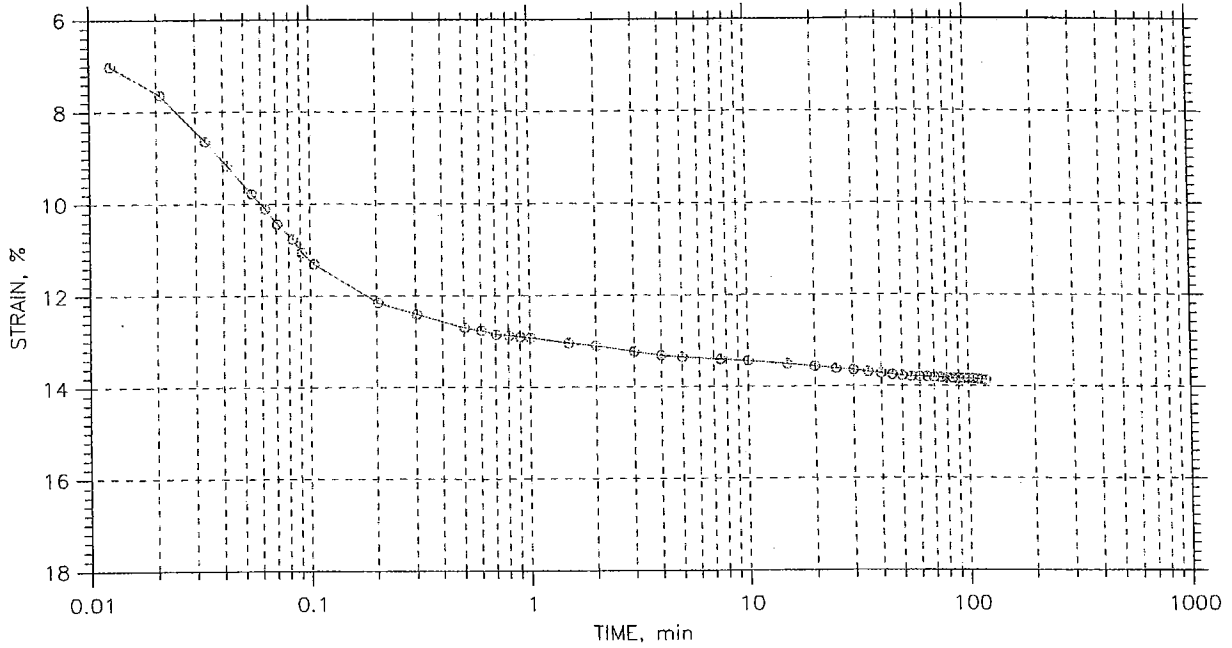
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 16

Stress: 32000 psf



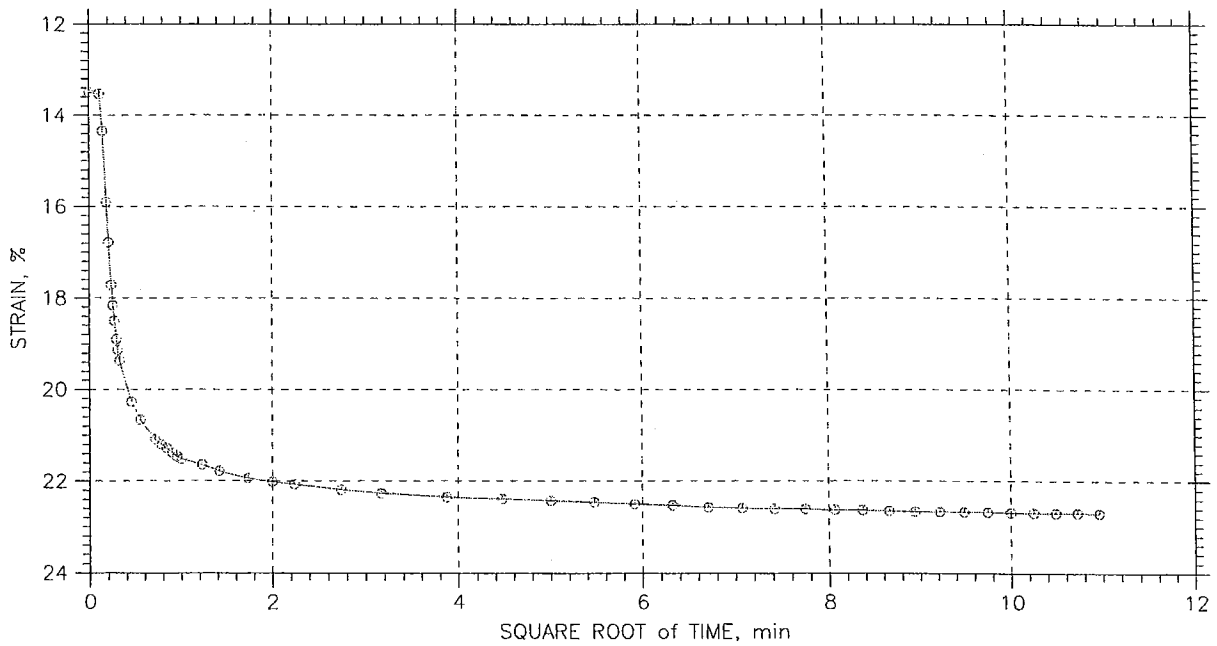
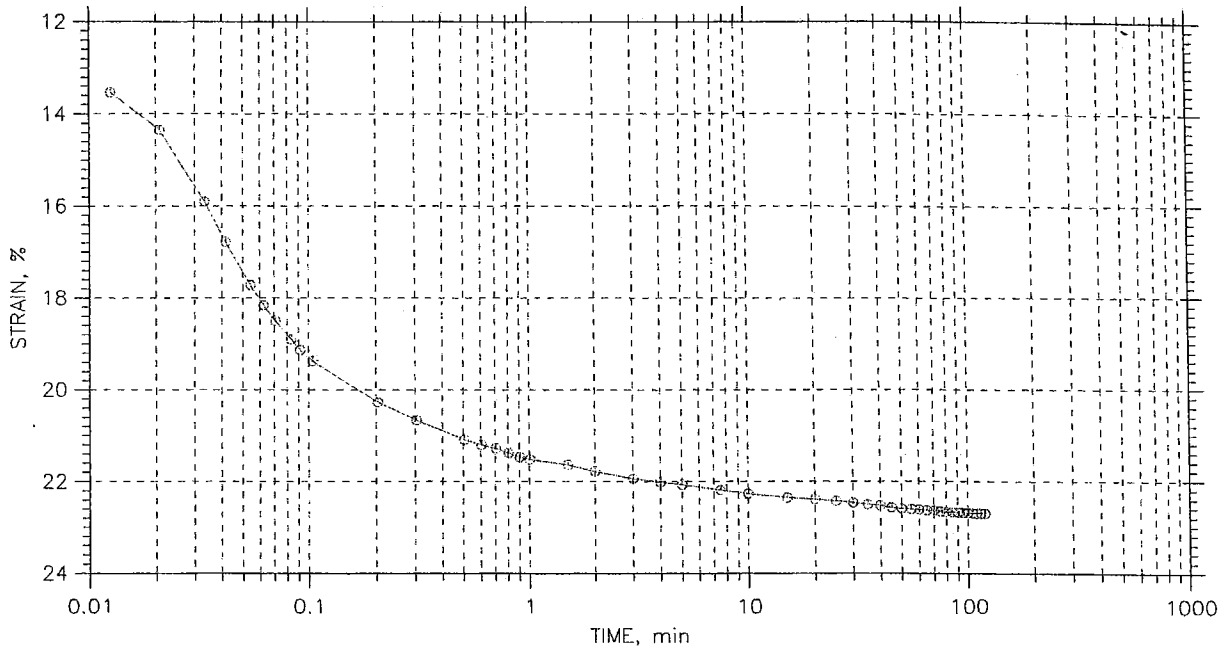
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 16

Stress: 64000 psf



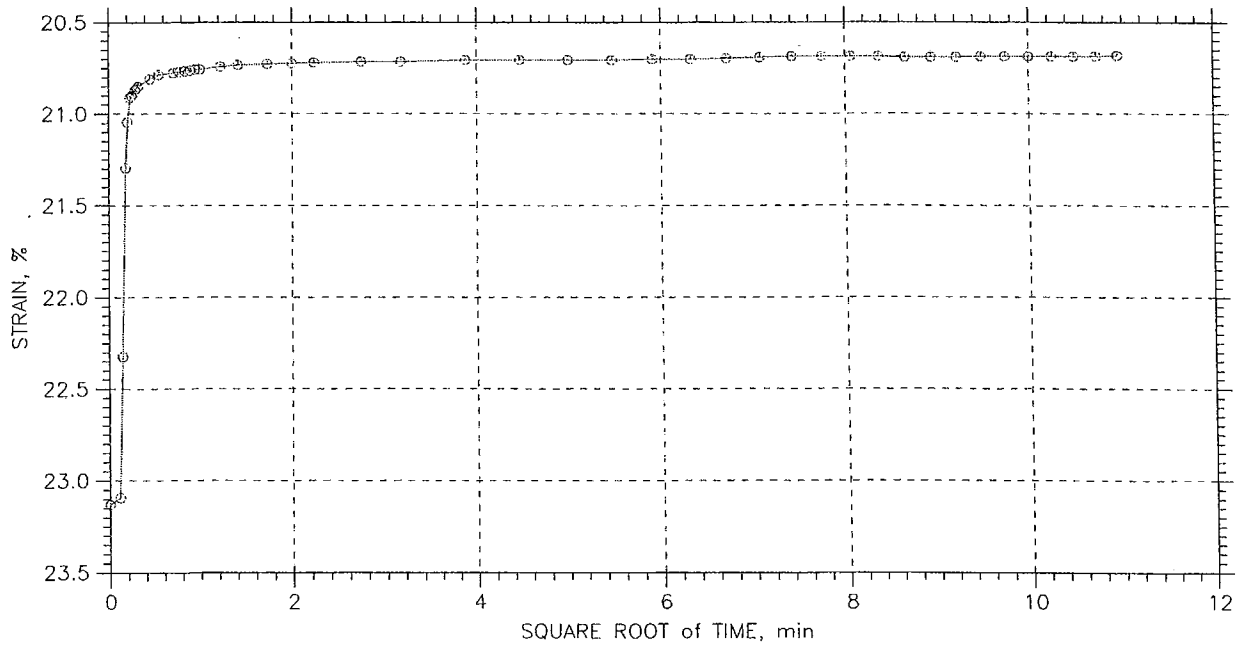
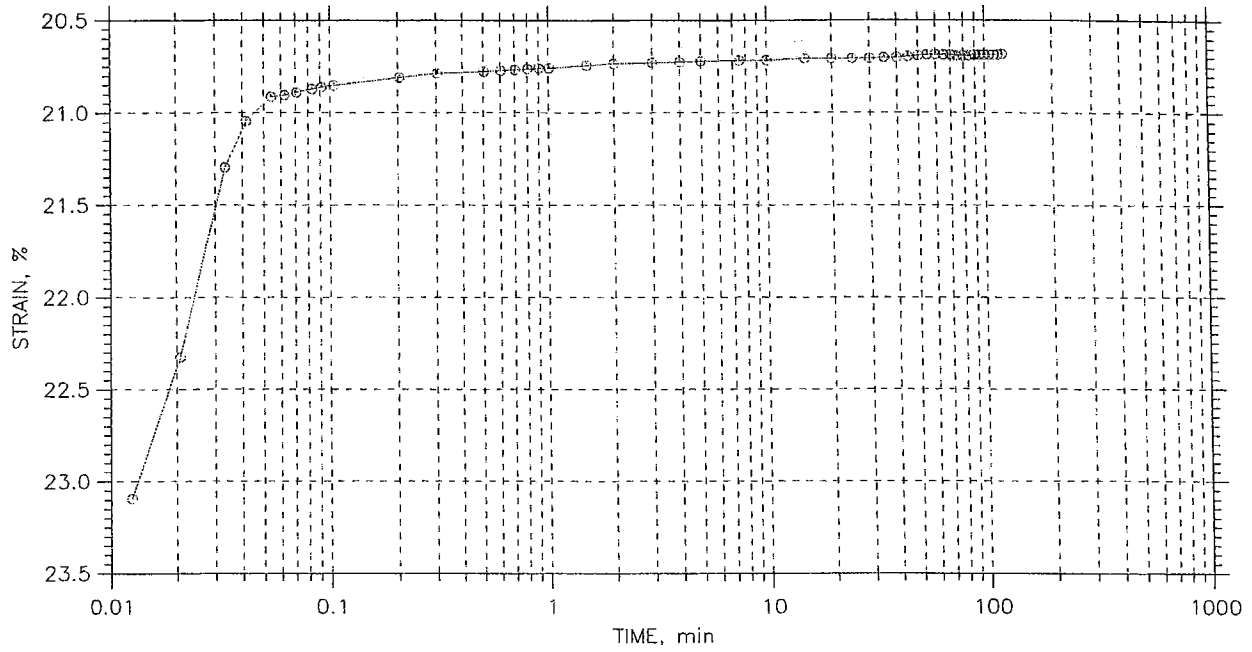
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 16

Stress: 16000 psf



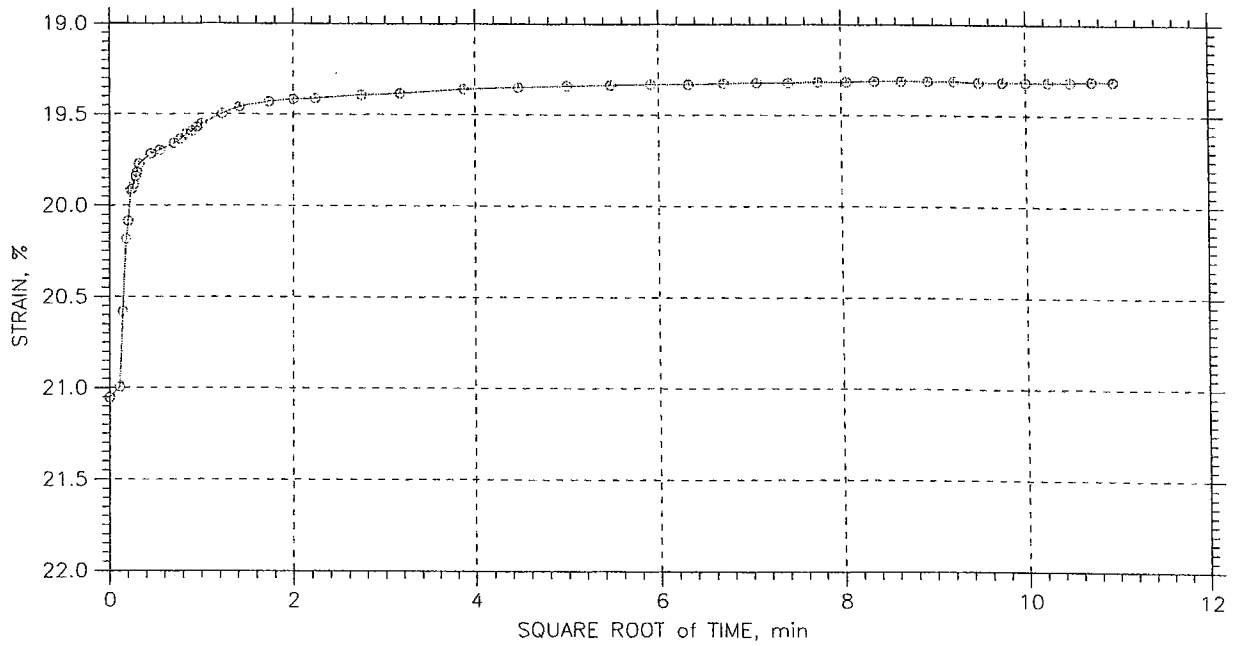
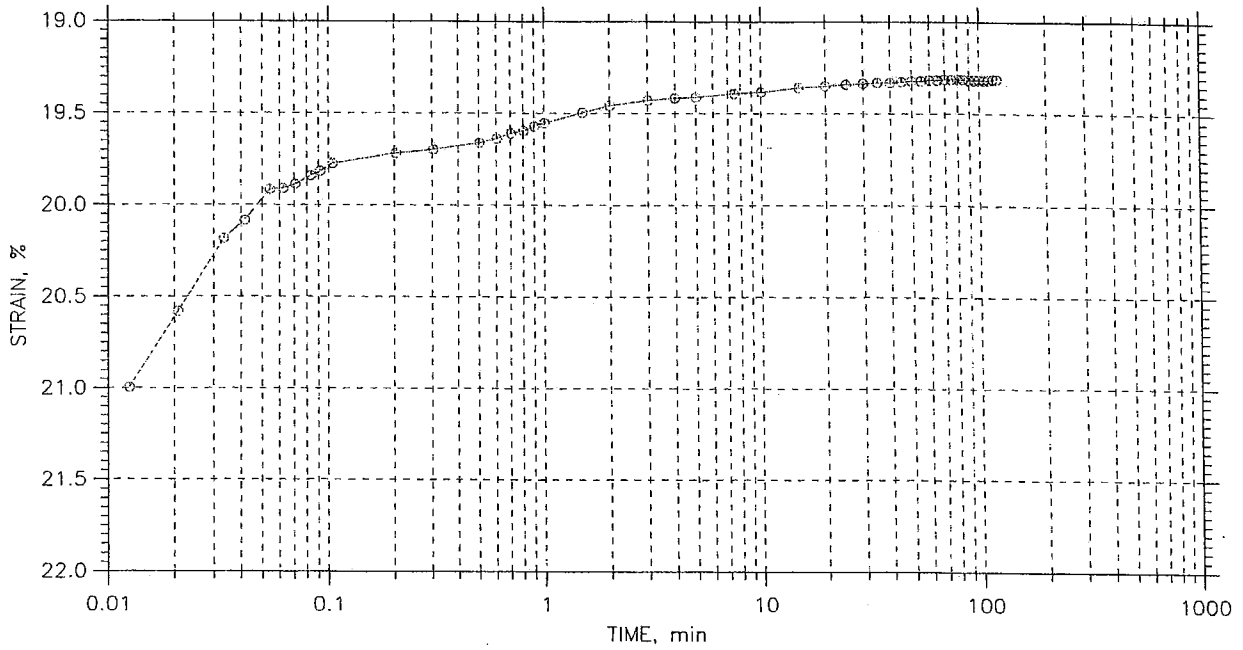
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 16

Stress: 4000. psf



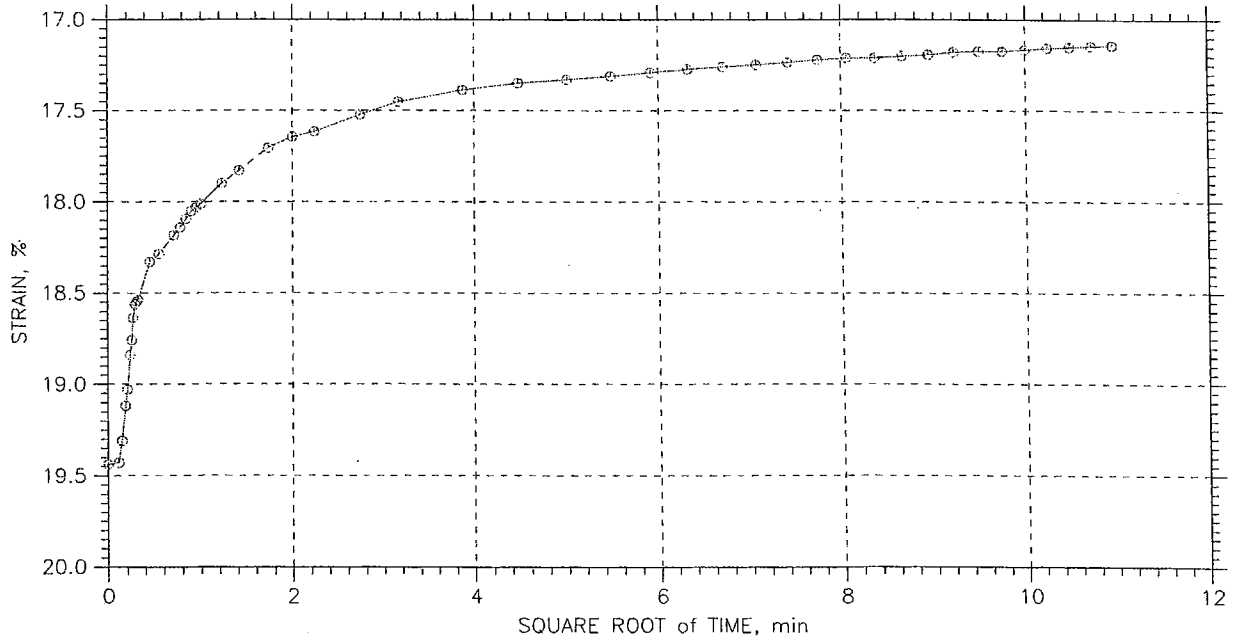
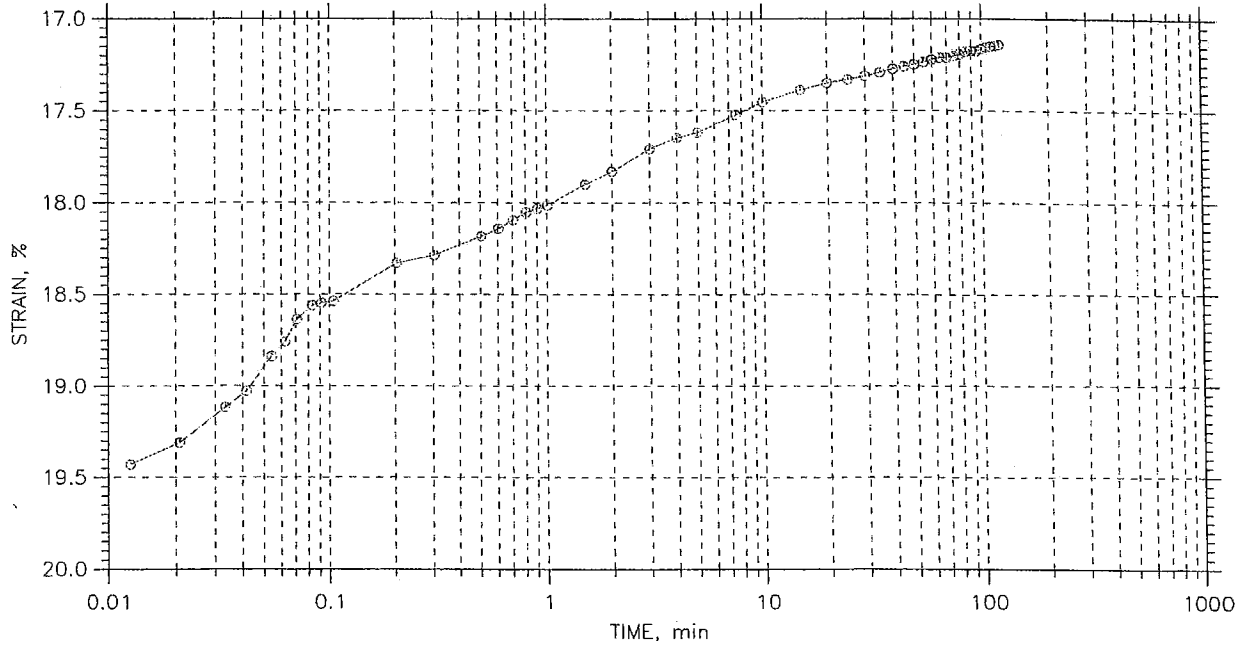
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

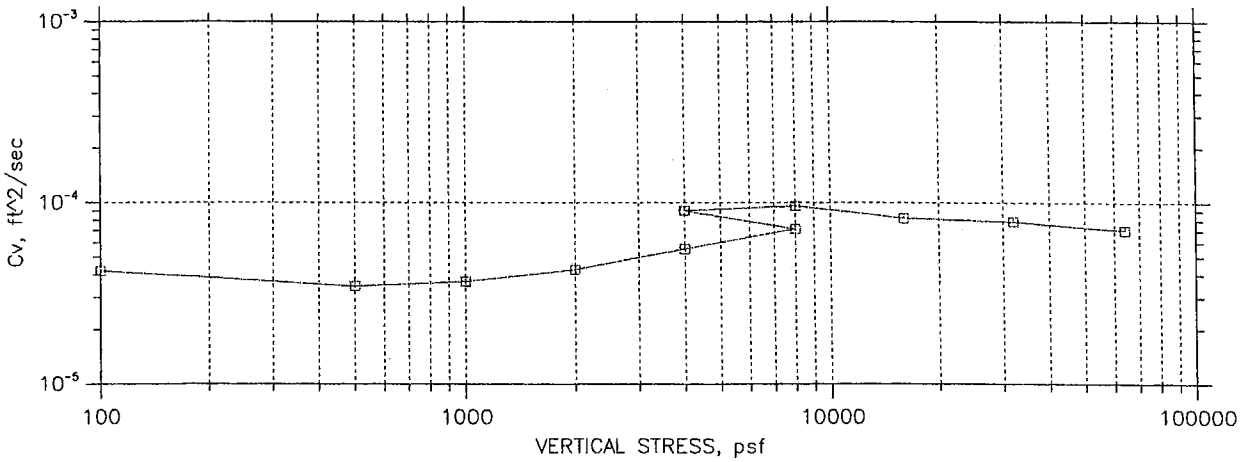
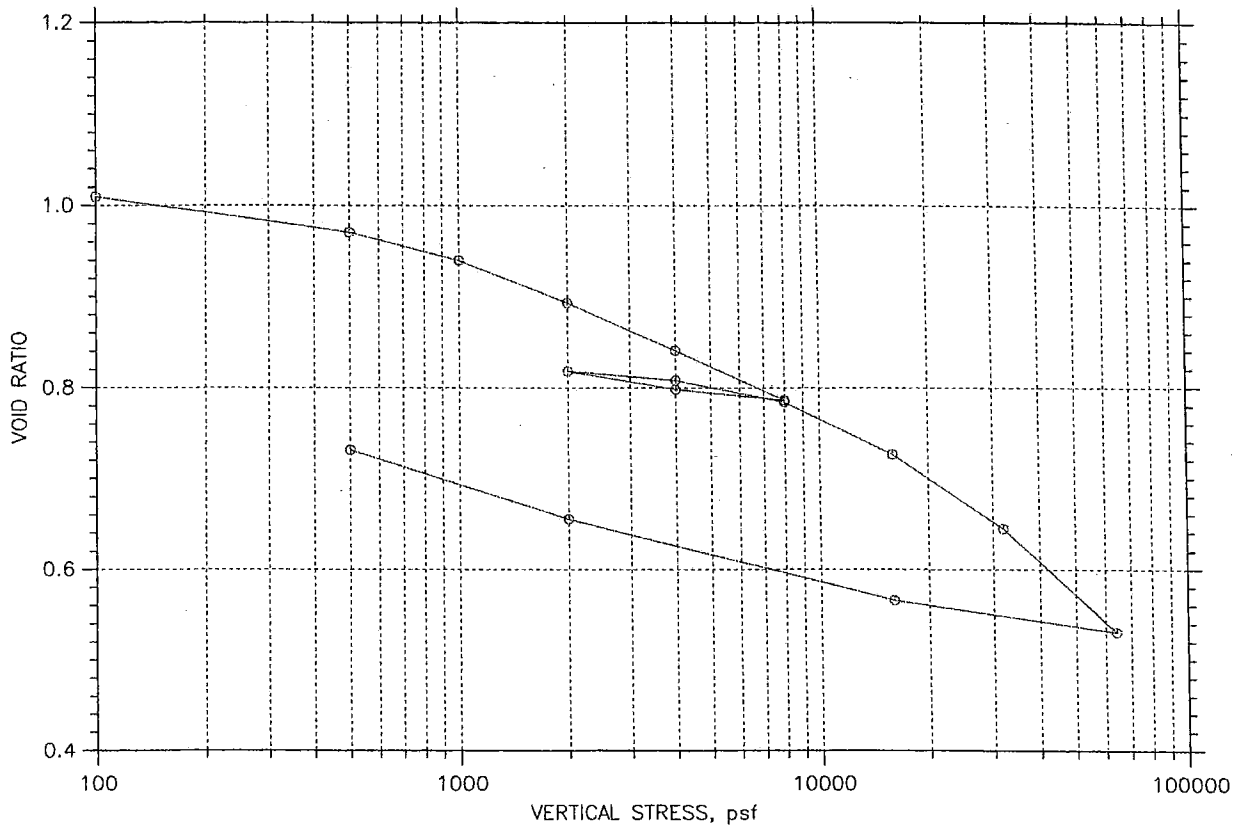
Constant Load Step: 16 of 16

Stress: 500. psf



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-1	Test Date: 8/25/06	Depth: 8.5 Ft.
	Test No.: 5365	Sample Type: Shelby Tube	Elevation: N/A
	Description: Sandy Elastic Silt		
	Remarks: Cr = 0.04		

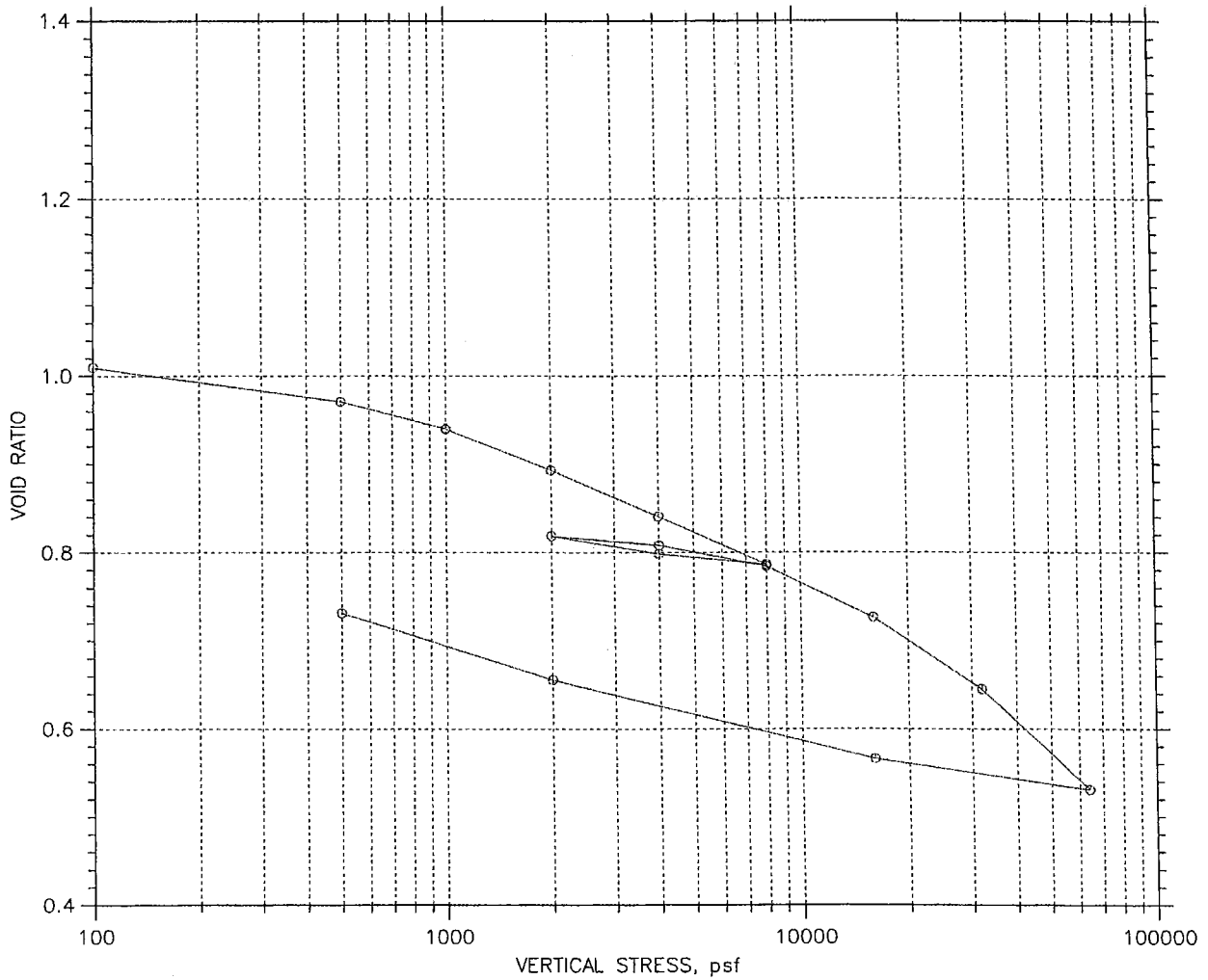
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-209	Tested By: HJ	Checked By: JL <i>JL</i> 11/29/06
	Sample No.: UD-4	Test Date: 8/29/06	Depth: 38.5 Ft.
	Test No.: 5368	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.07		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf				30.71	25.37
Preconsolidation Pressure: 3.33e+004 psf				88.77	103.2
Compression Index: 0.379				86.79	99.29
Diameter: 2.5 in		Height: 1 in		1.01	0.73
LL: NP	PL: NP	PI: NP	GS: 2.86		

MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-209	Tested By: HJ	Checked By: JL <i>JL 11/24/06</i>
	Sample No.: UD-4	Test Date: 8/29/06	Depth: 38.5 Ft.
	Test No.: 5368	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.07		

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-209
 Sample No.: UD-4
 Test No.: 5368

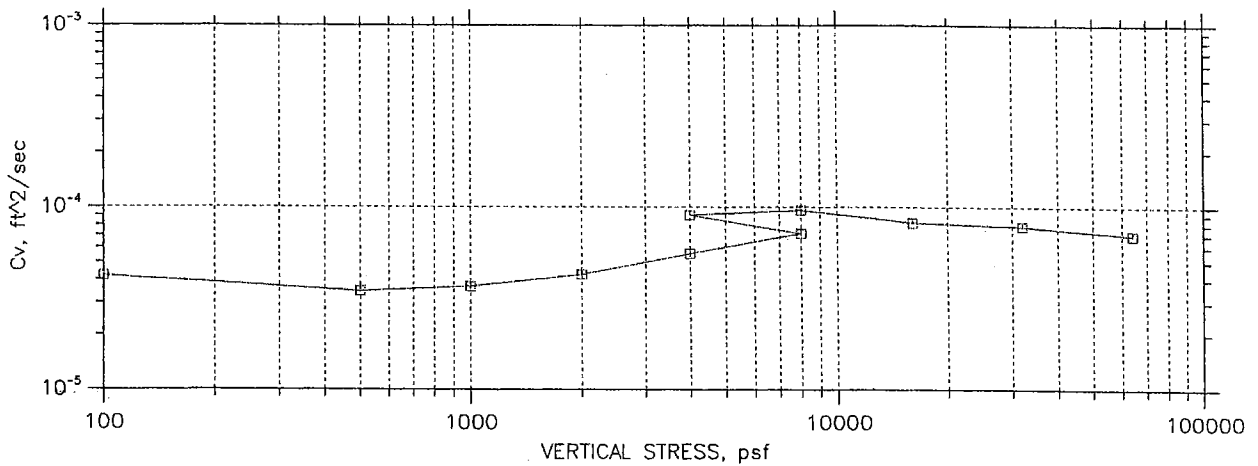
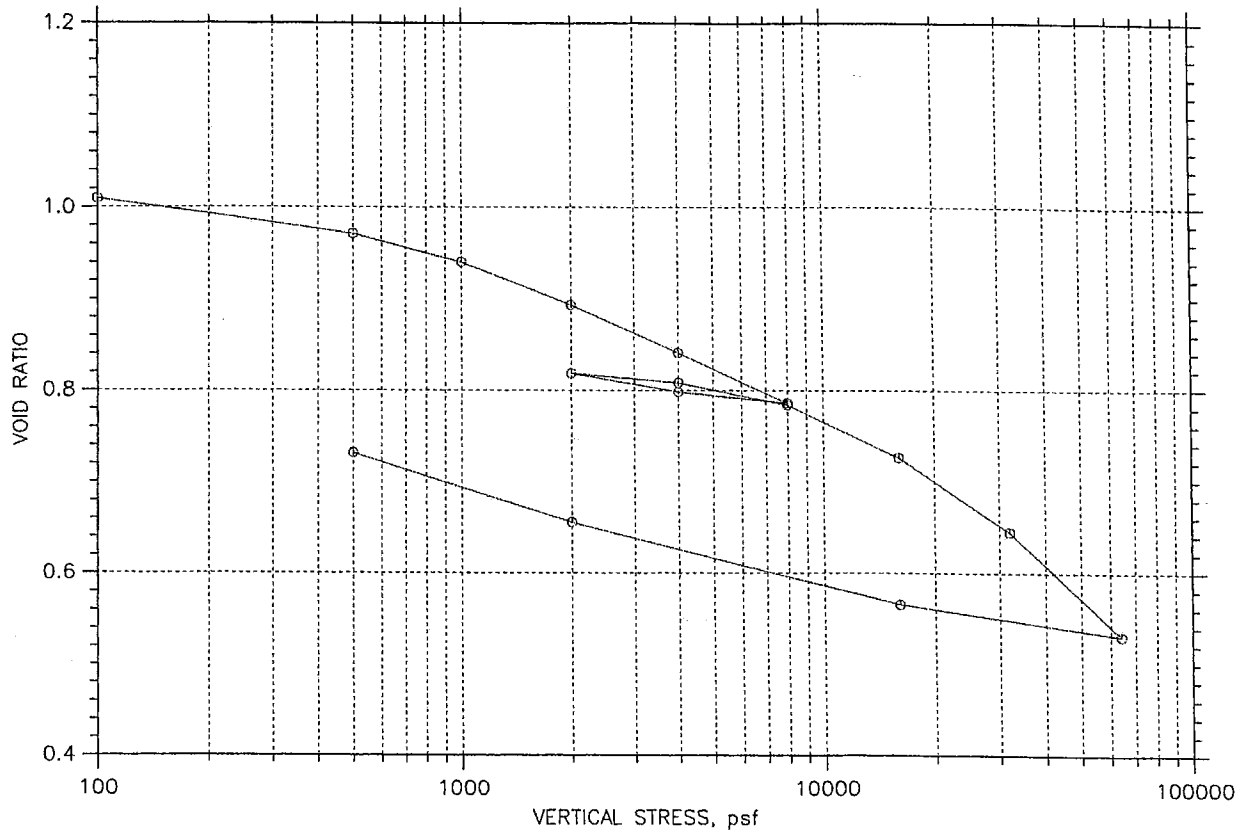
Location:
 Tested By: HJ
 Test Date: 8/29/06
 Sample Type: Shelby Tube

Project No.: 6234063534S
 Checked By: JL
 Depth: 38.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.07

	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.001681	1.009	0.17	0.1	0.0	4.20e-005	0.00e+000	4.20e-005
2	500	0.02094	0.971	2.09	0.2	0.2	3.24e-005	3.70e-005	3.46e-005
3	1e+003	0.03622	0.940	3.62	0.2	0.1	3.48e-005	3.87e-005	3.67e-005
4	2e+003	0.05938	0.893	5.94	0.1	0.1	4.22e-005	4.31e-005	4.27e-005
5	4e+003	0.08538	0.841	8.54	0.1	0.1	5.02e-005	6.18e-005	5.54e-005
6	8e+003	0.1125	0.786	11.25	0.1	0.1	6.62e-005	7.81e-005	7.17e-005
7	4e+003	0.1065	0.798	10.65	0.0	0.0	1.17e-004	0.00e+000	1.17e-004
8	2e+003	0.09649	0.819	9.65	0.1	0.1	7.40e-005	7.64e-005	7.52e-005
9	4e+003	0.1016	0.808	10.16	0.1	0.0	9.04e-005	0.00e+000	9.04e-005
10	8e+003	0.1134	0.784	11.34	0.1	0.0	8.98e-005	1.03e-004	9.61e-005
11	1.6e+004	0.1422	0.726	14.22	0.1	0.0	6.84e-005	1.03e-004	8.23e-005
12	3.2e+004	0.1827	0.645	18.27	0.1	0.0	6.52e-005	9.95e-005	7.88e-005
13	6.4e+004	0.2393	0.531	23.93	0.1	0.0	5.81e-005	8.89e-005	7.03e-005
14	1.6e+004	0.222	0.566	22.20	0.0	0.0	1.05e-004	0.00e+000	1.05e-004
15	2e+003	0.1775	0.656	17.75	0.1	0.1	3.68e-005	5.13e-005	4.28e-005
16	500	0.1398	0.731	13.98	0.4	0.4	9.35e-006	1.12e-005	1.02e-005

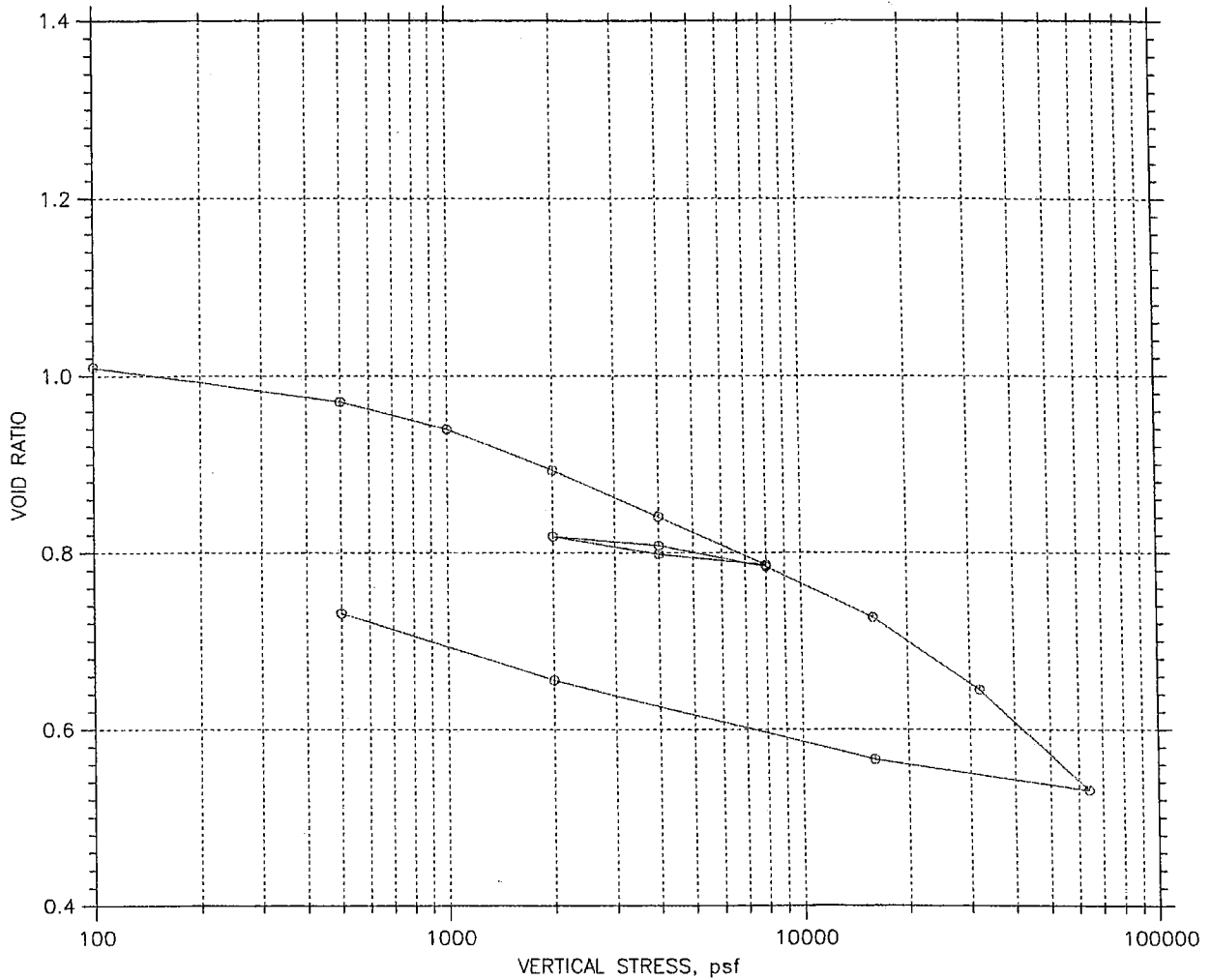
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-209	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-4	Test Date: 8/29/06	Depth: 38.5 Ft.
	Test No.: 5368	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.07		

CONSOLIDATION TEST DATA

SUMMARY REPORT



		Before Test	After Test
Overburden Pressure: 0 psf		30.71	25.37
Preconsolidation Pressure: 3.33e+004 psf		88.77	103.2
Compression Index: 0.379		86.79	99.29
Diameter: 2.5 in	Height: 1 in	1.01	0.73
LL: NP	PL: NP		
PI: NP	GS: 2.86		

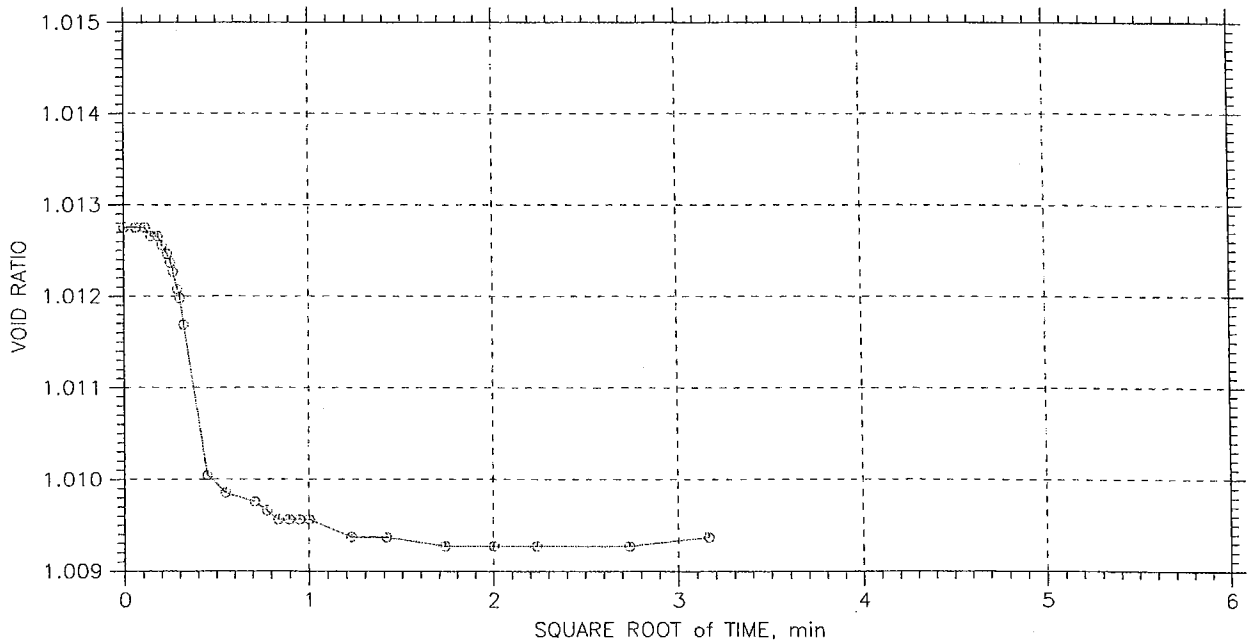
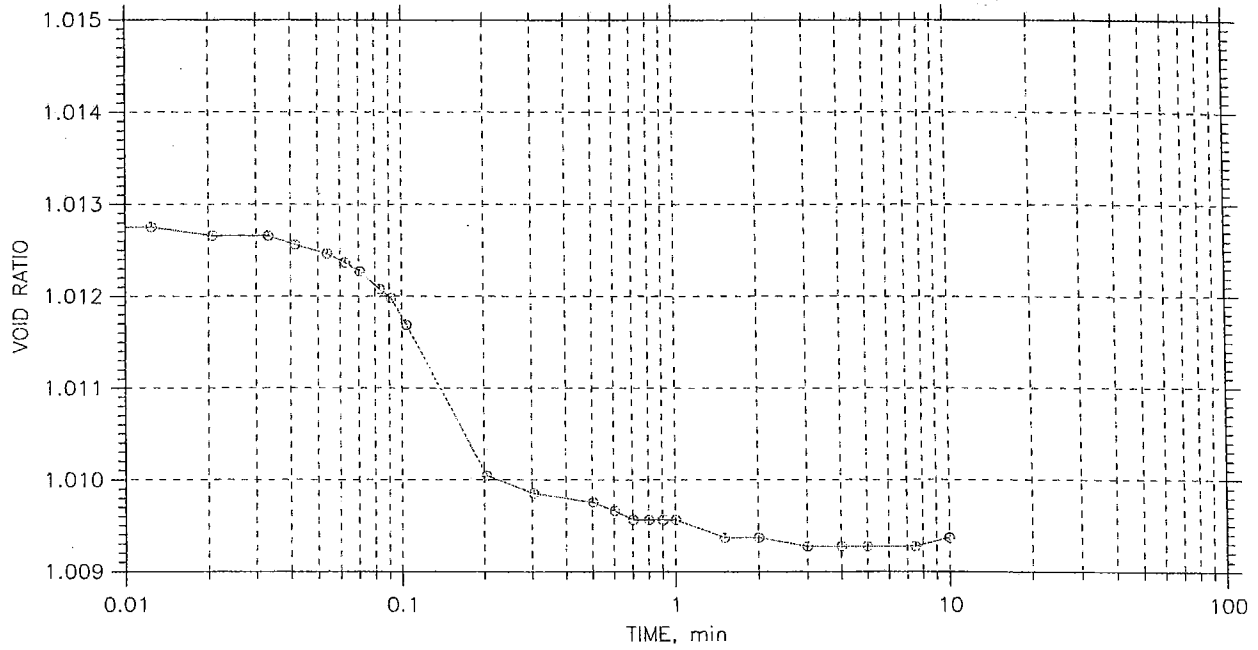
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-209	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/29/06
	Sample No.: UD-4	Test Date: 8/29/06	Depth: 38.5 Ft.
	Test No.: 5368	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.07		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 16

Stress: 100. psf



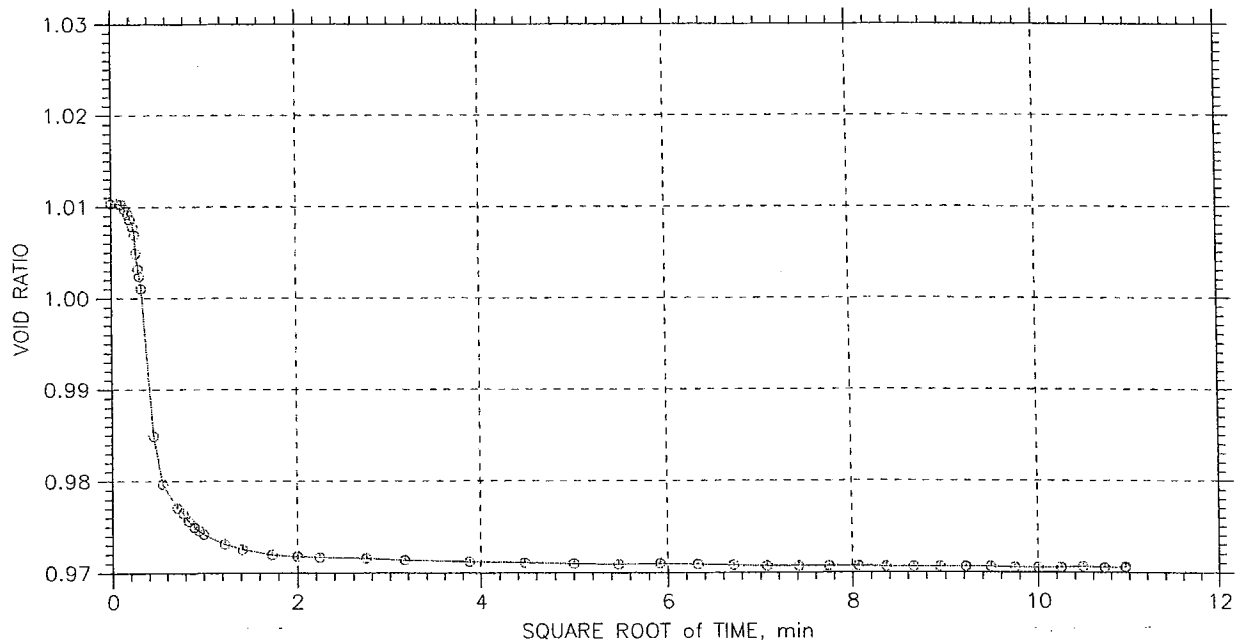
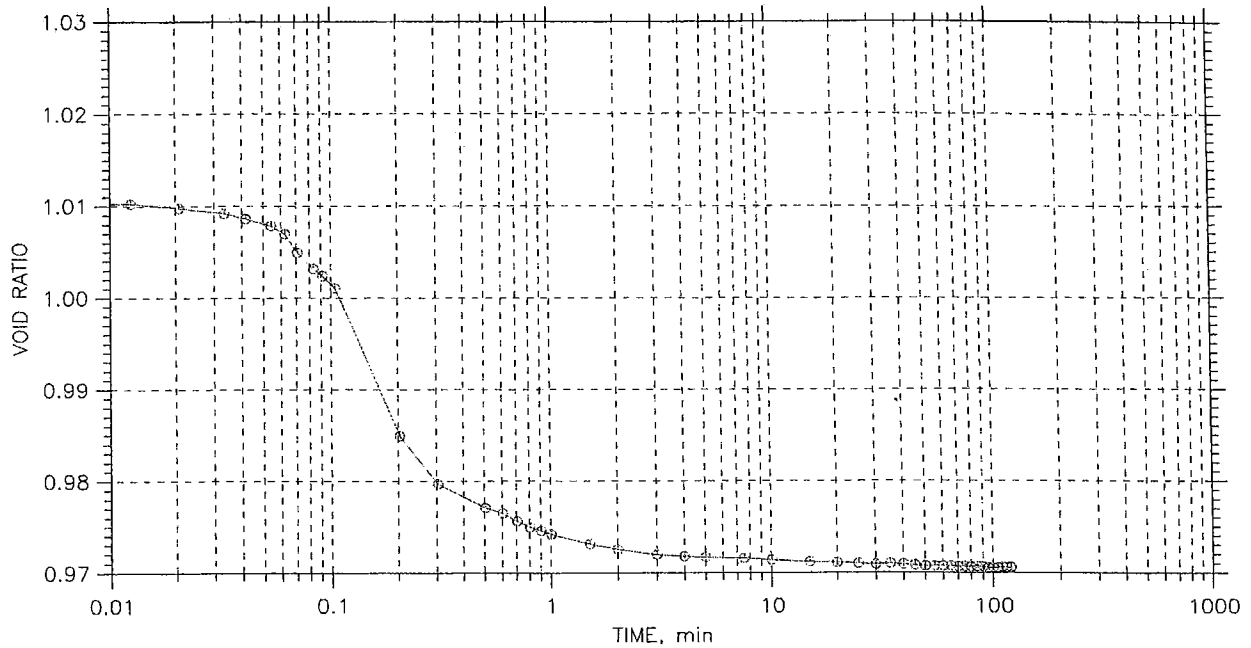
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 8/29/06	Depth: 38.5 Ft.
	Test No.: 5368	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.07		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 16

Stress: 500. psf



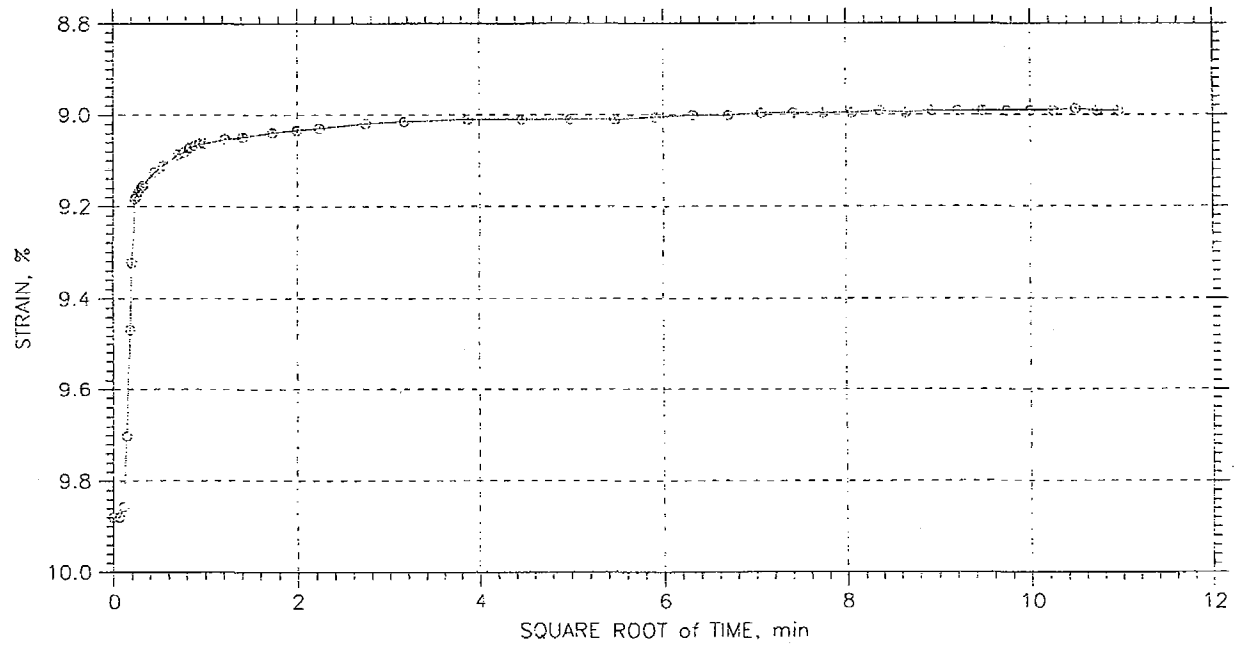
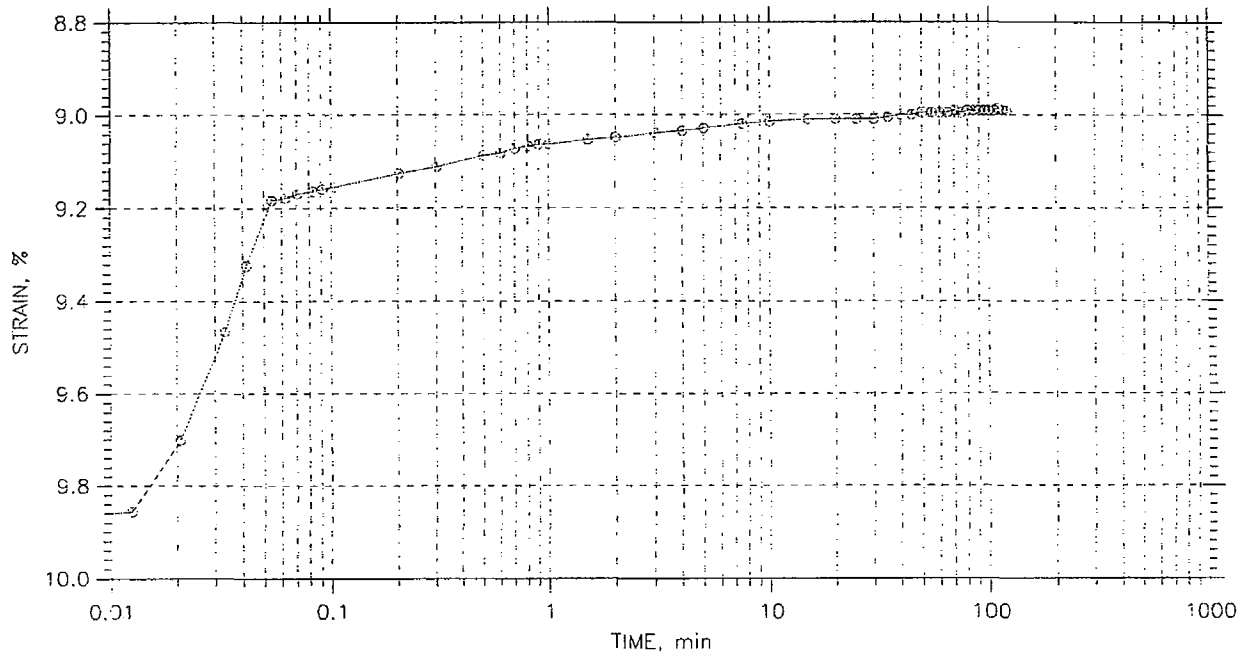
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-209	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 8/29/06	Depth: 38.5 Ft.
	Test No.: 5368	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.07		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 16

Stress: 4000. psf



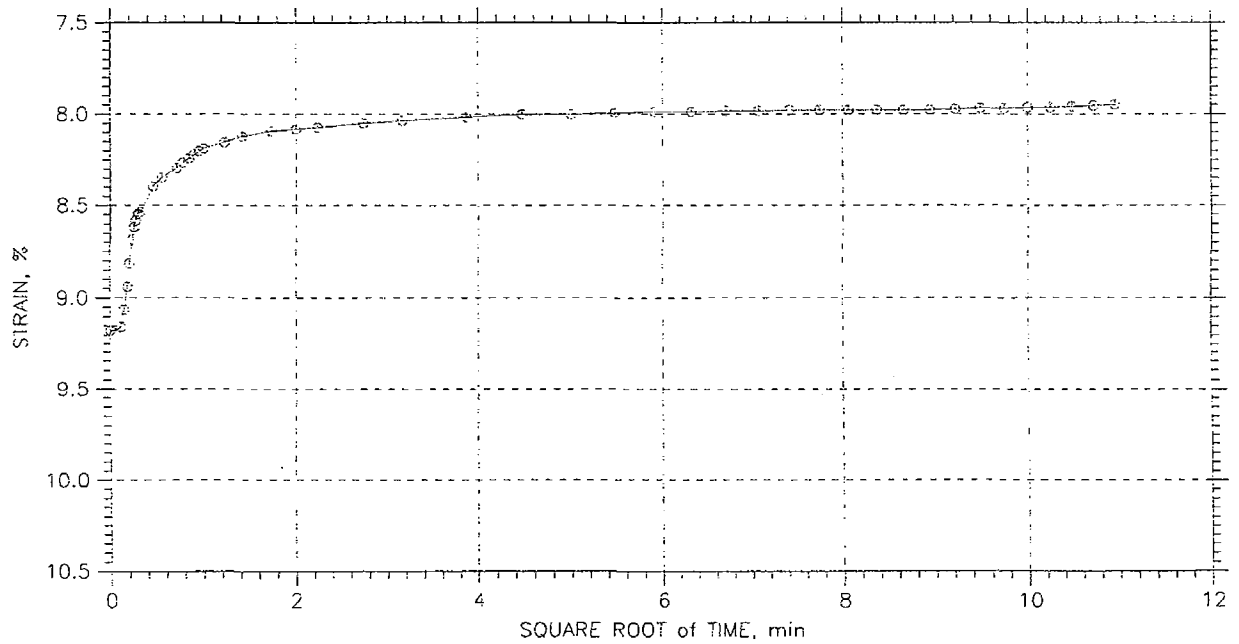
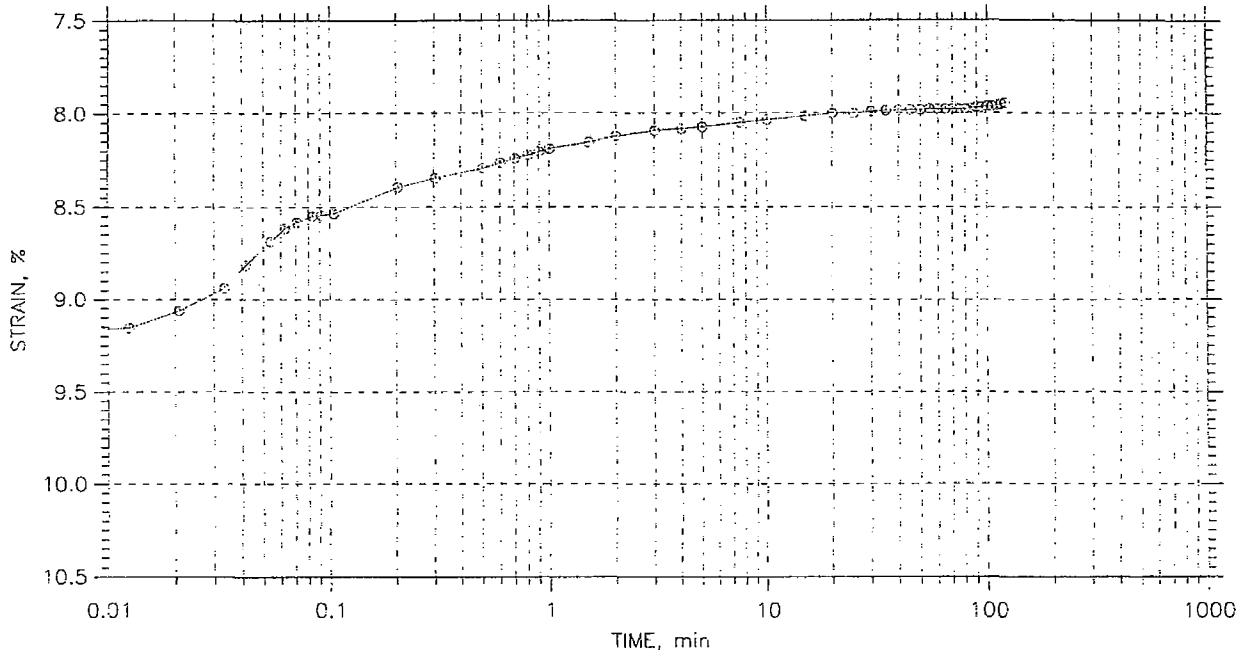
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 16

Stress: 2000. psf



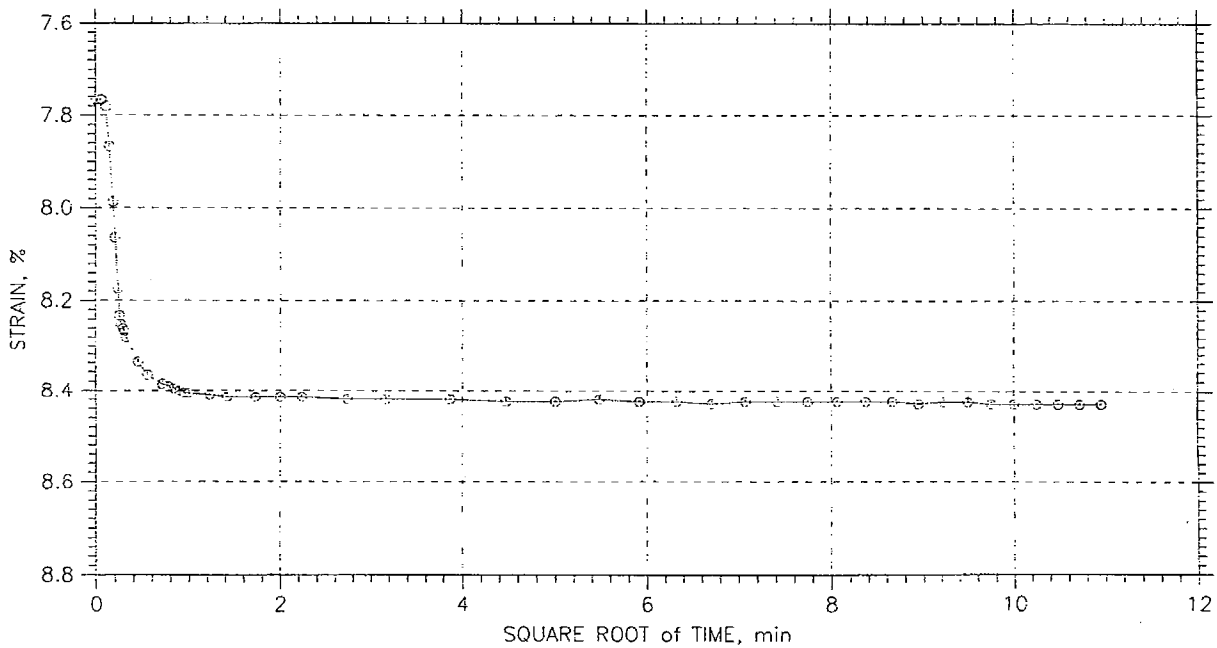
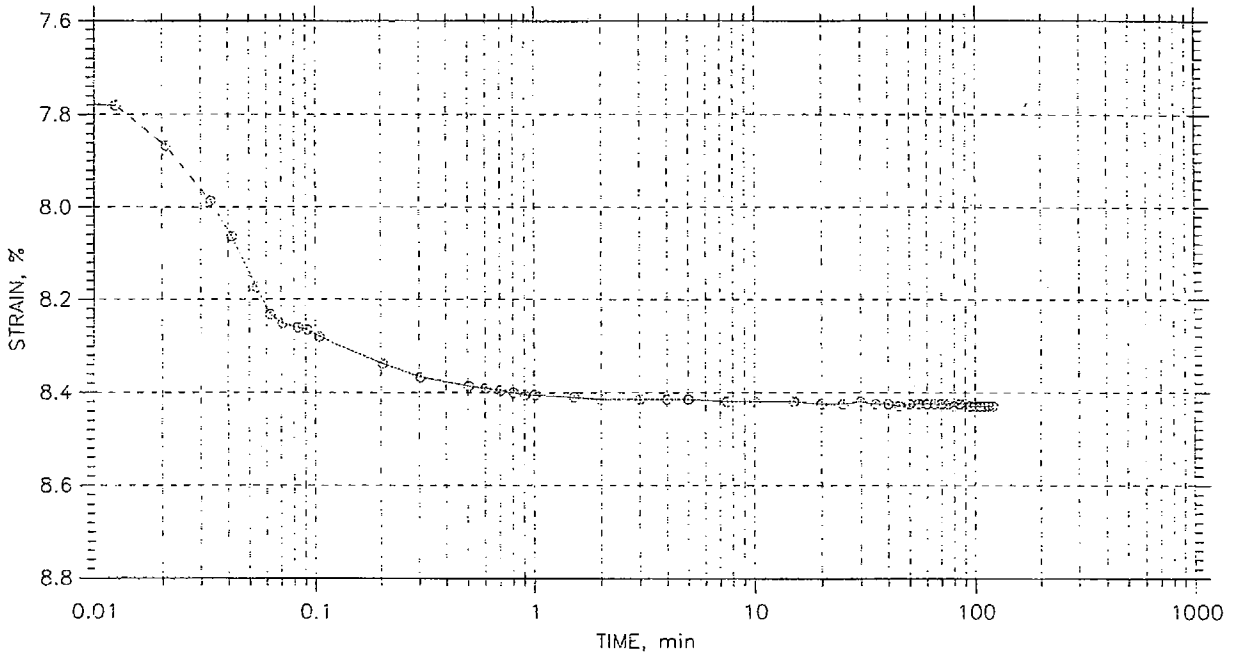
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 16

Stress: 4000. psf



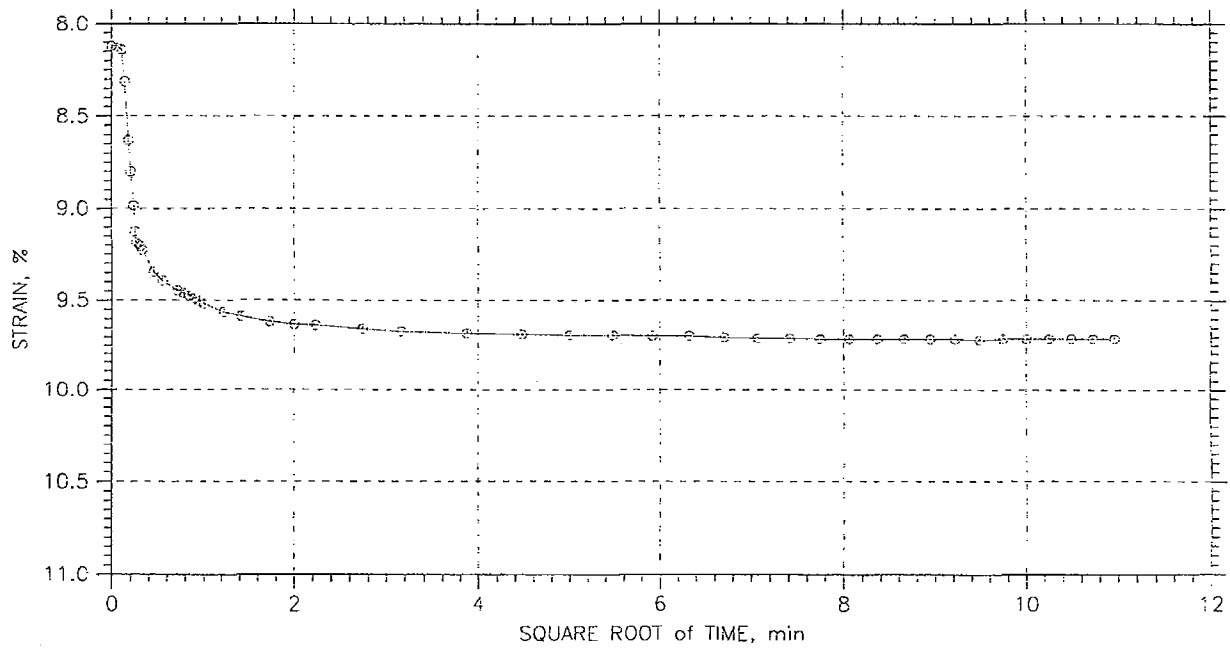
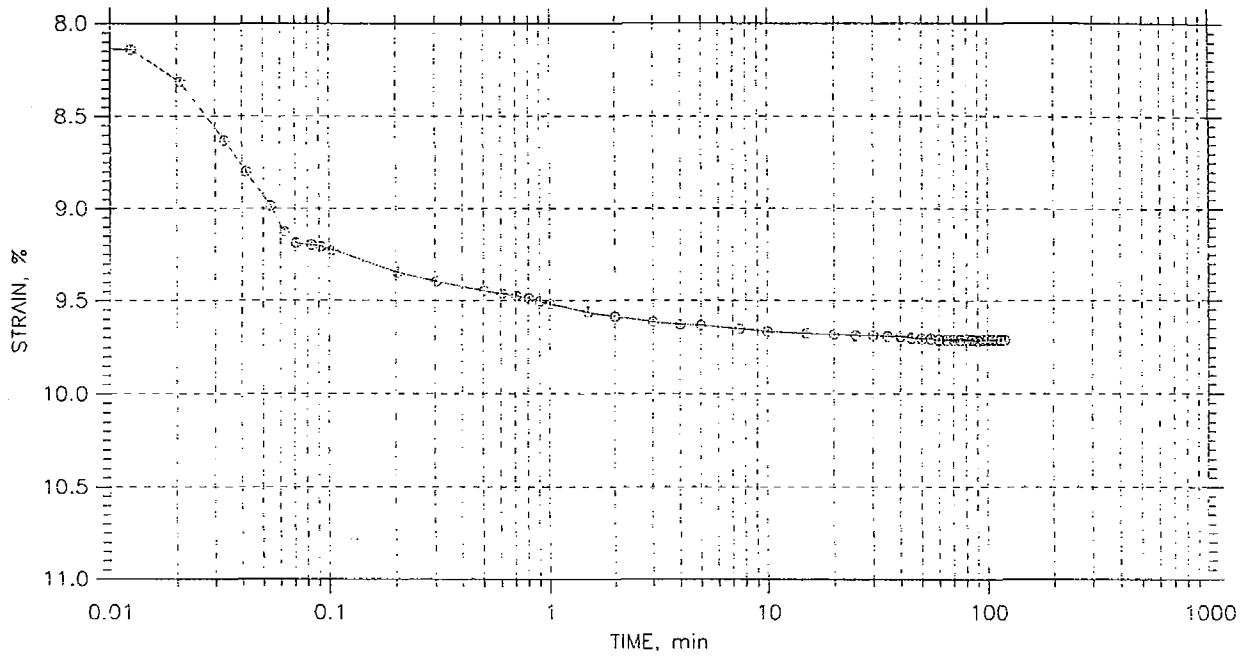
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

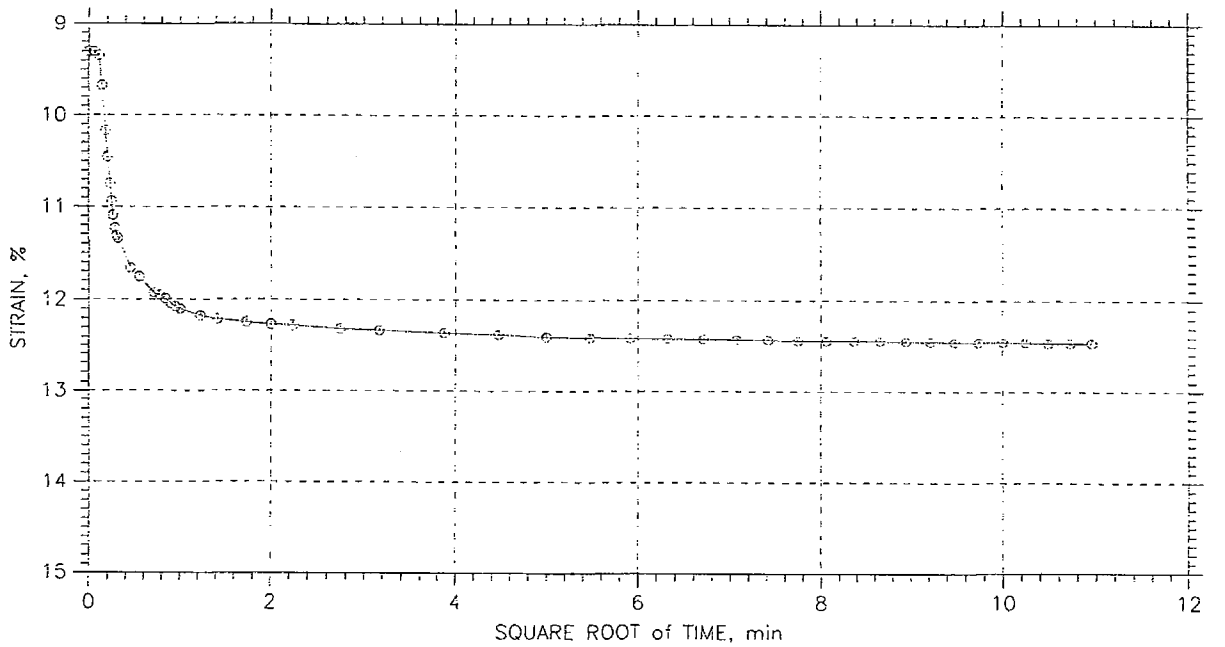
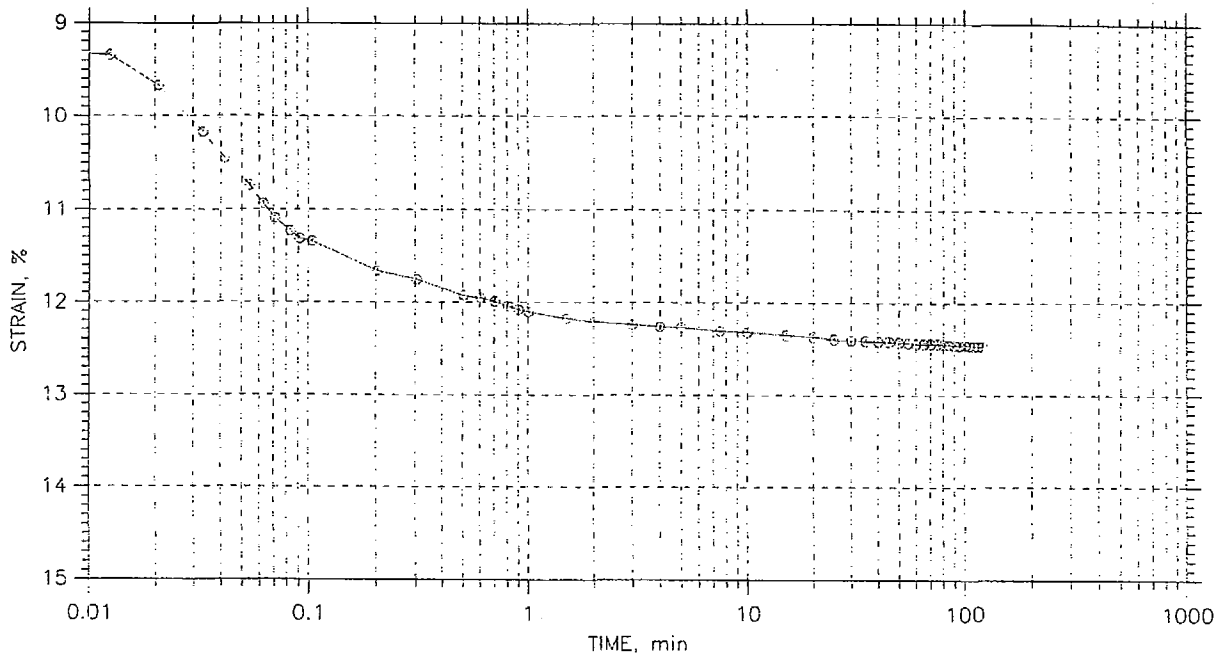
Constant Load Step: 10 of 16

Stress: 8000. psf



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA
TIME CURVES
 Constant Load Step: 11 of 16
 Stress: 16000 psf



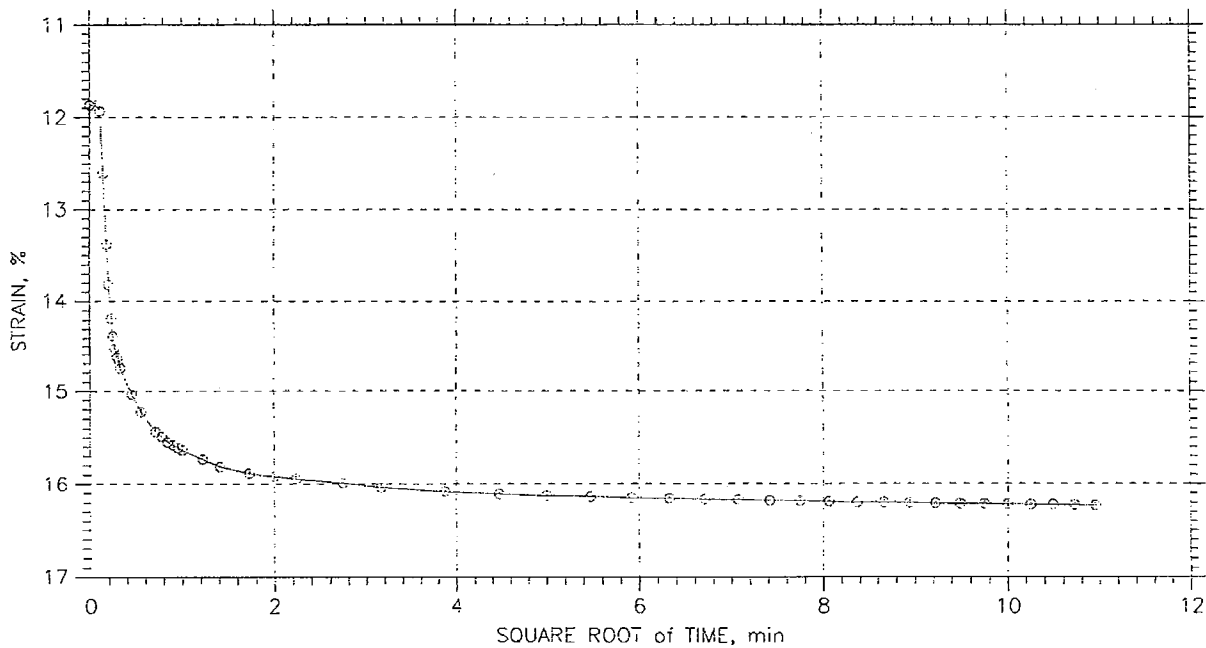
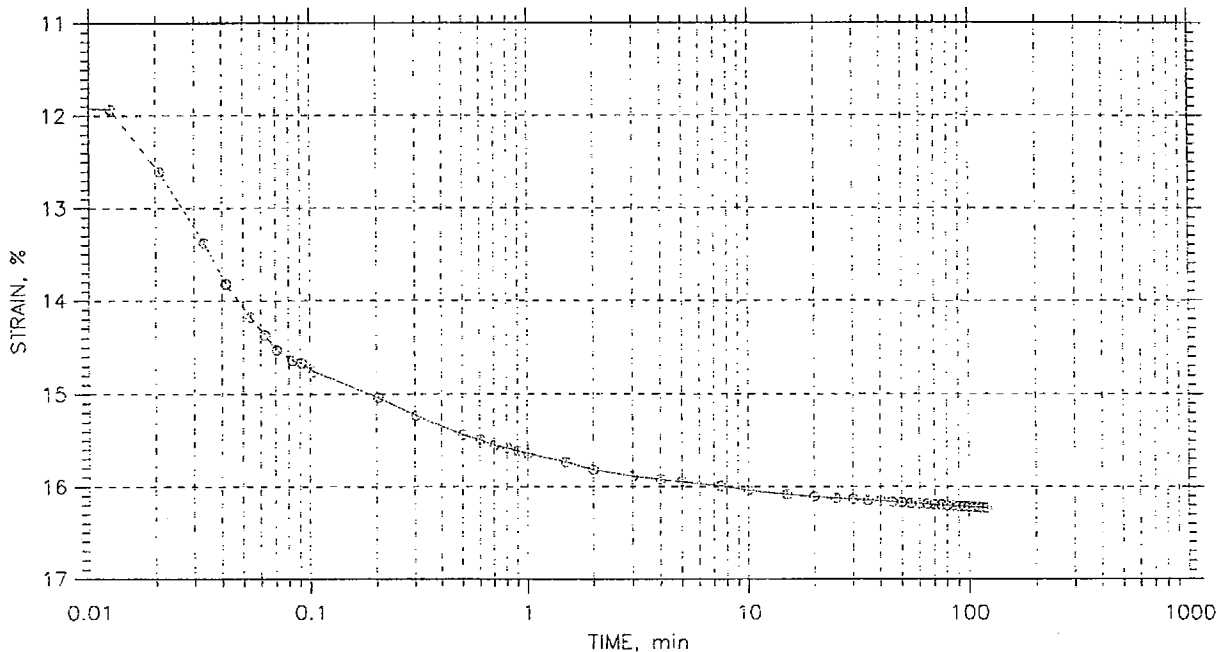
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 16

Stress: 32000 psf



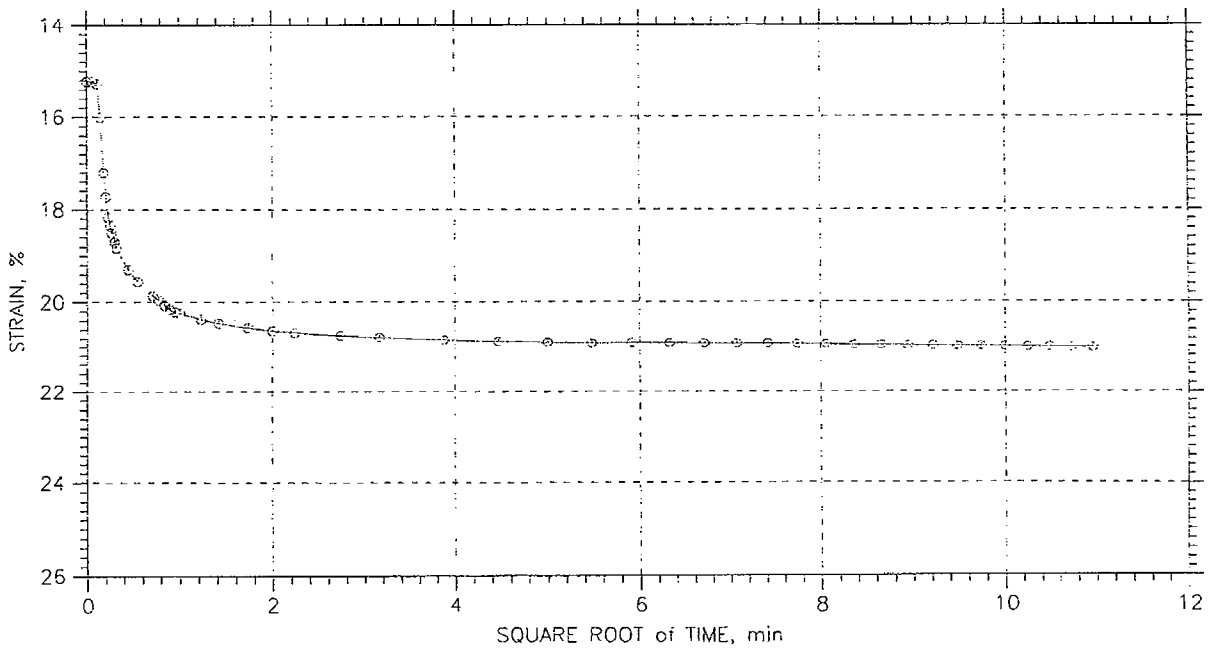
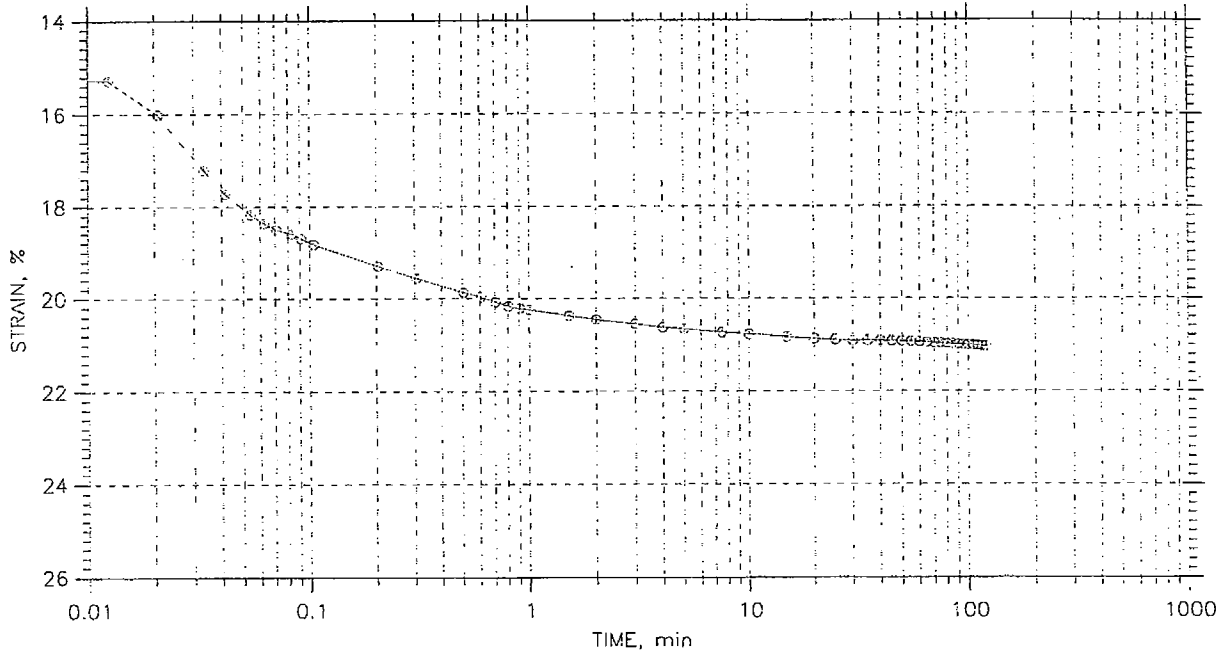
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 16

Stress: 64000 psf



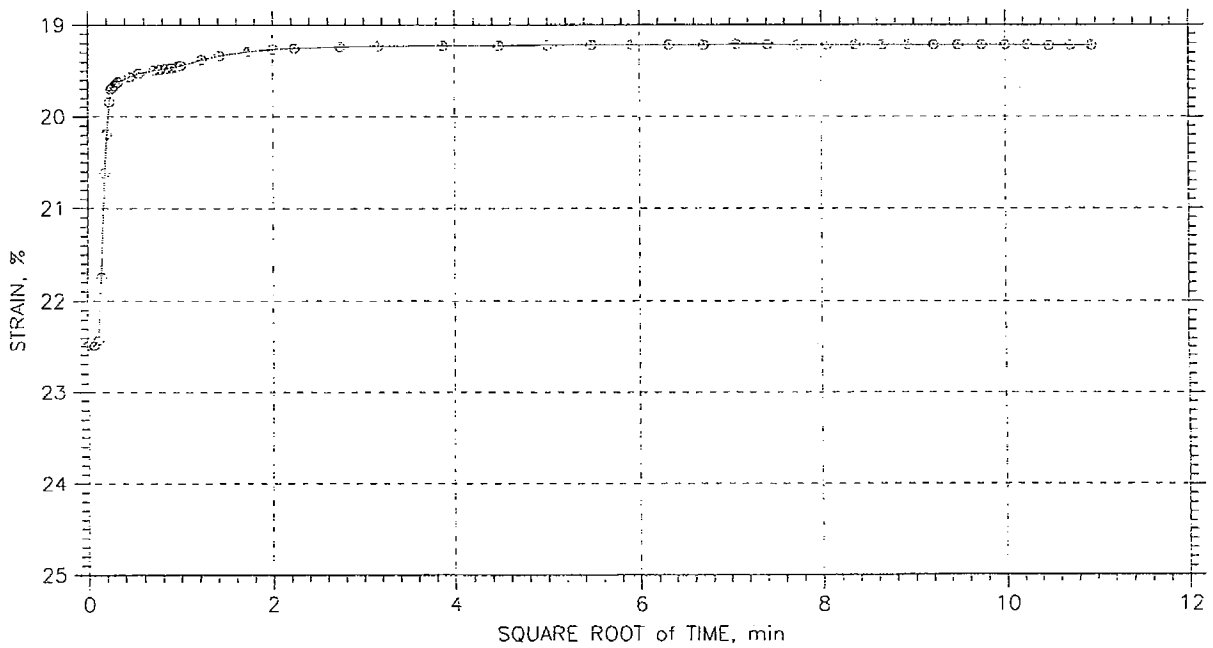
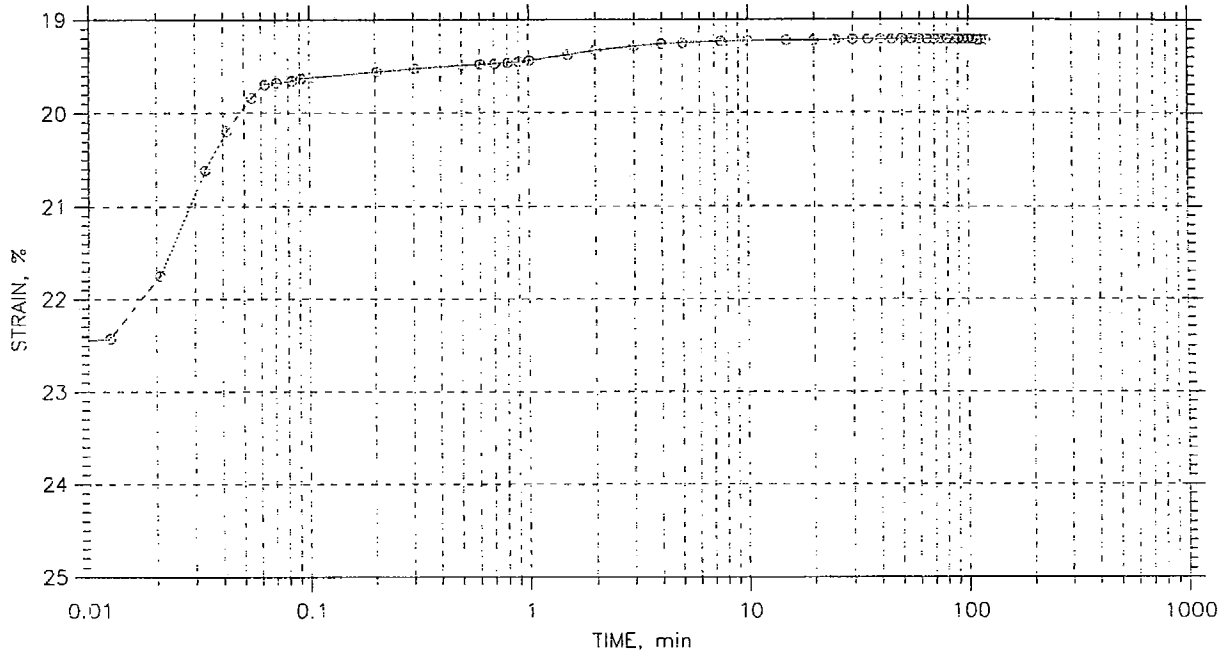
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 16

Stress: 16000 psf



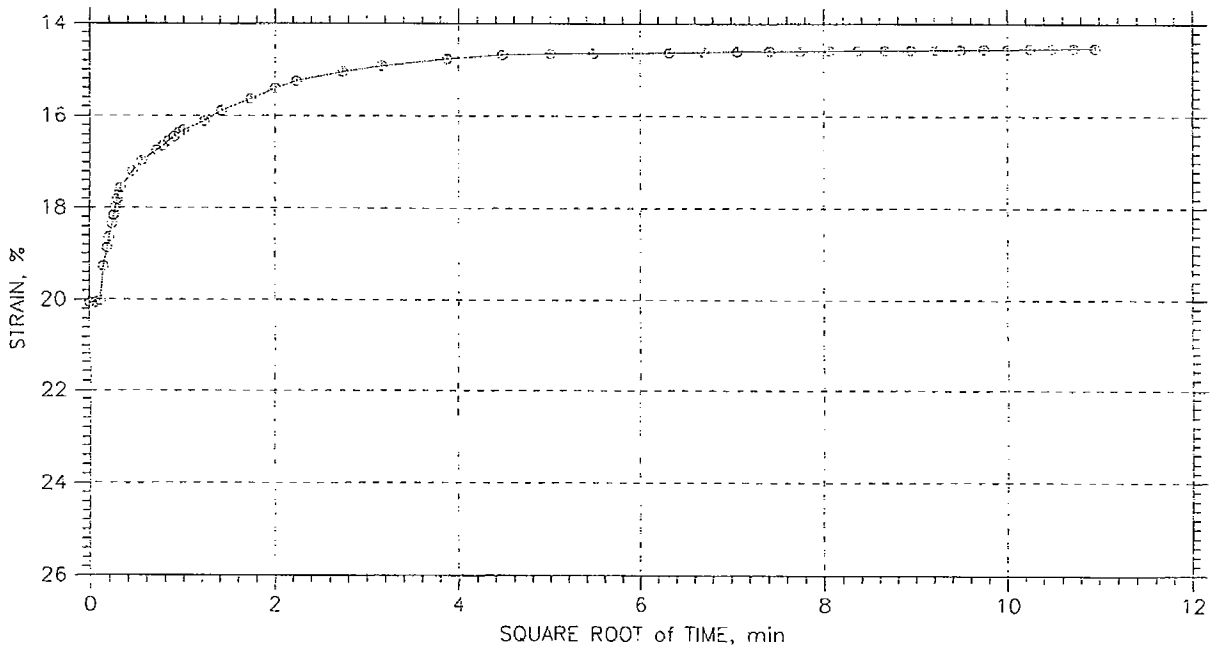
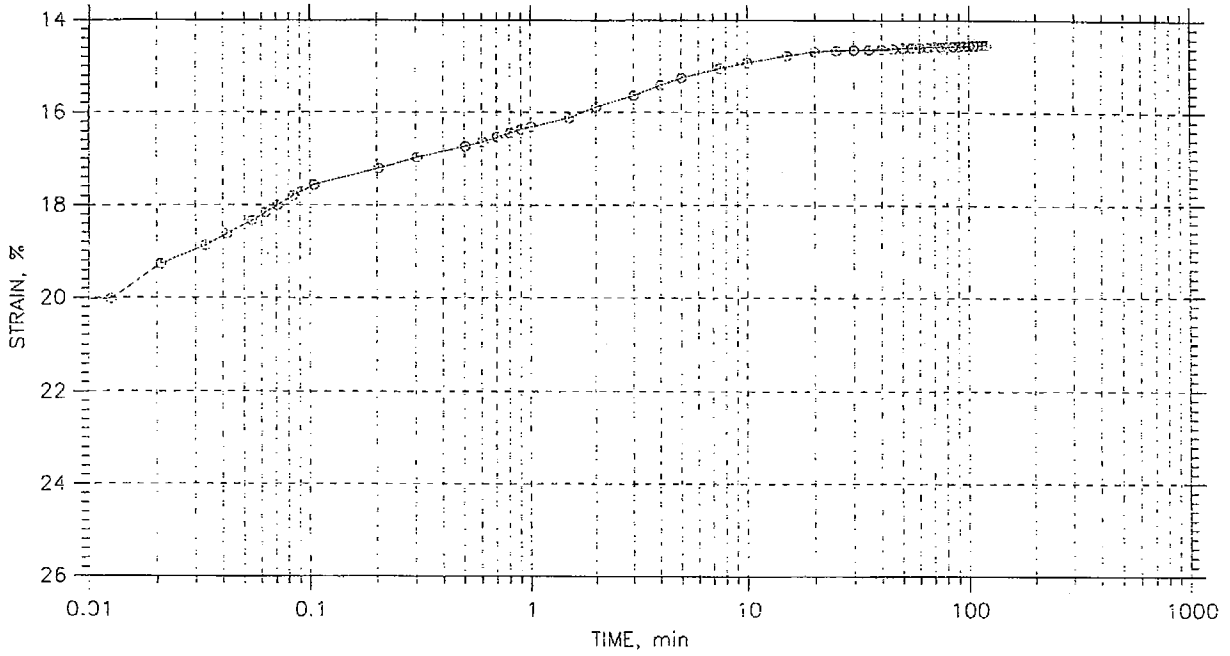
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 16

Stress: 2000. psf



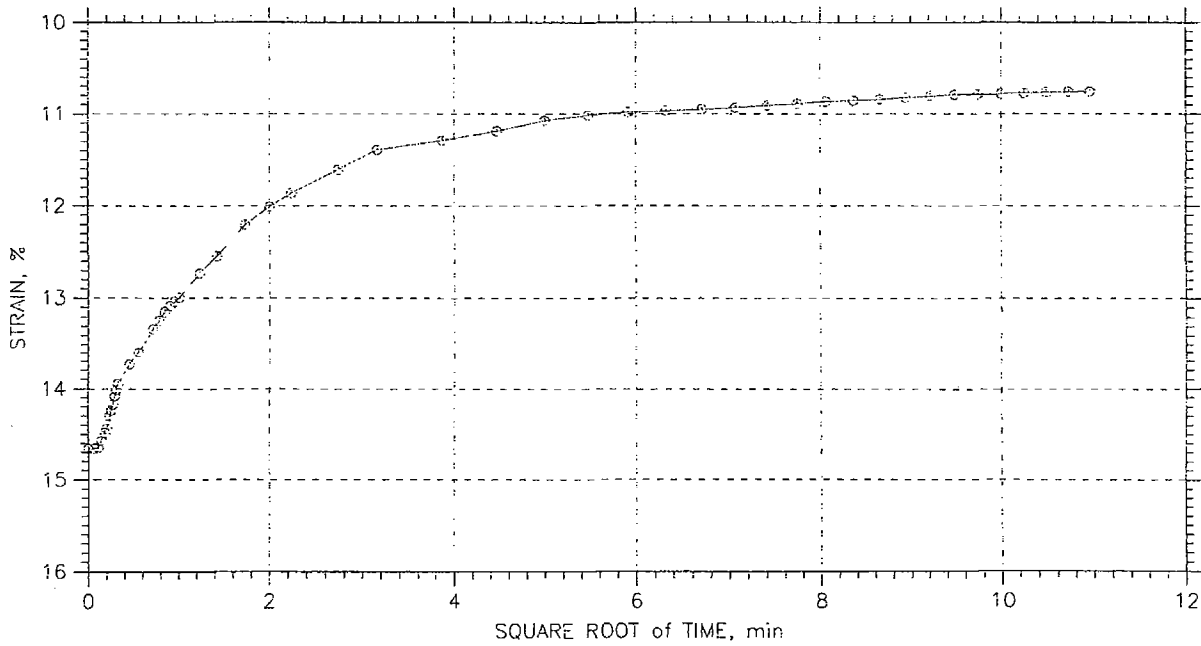
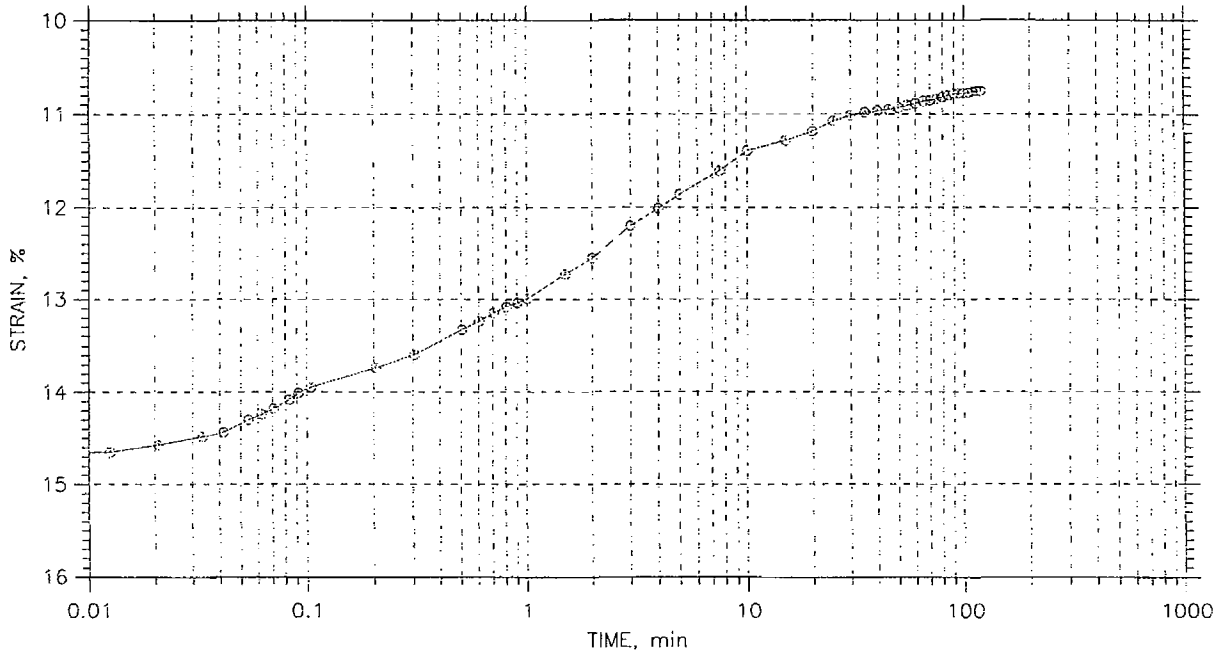
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

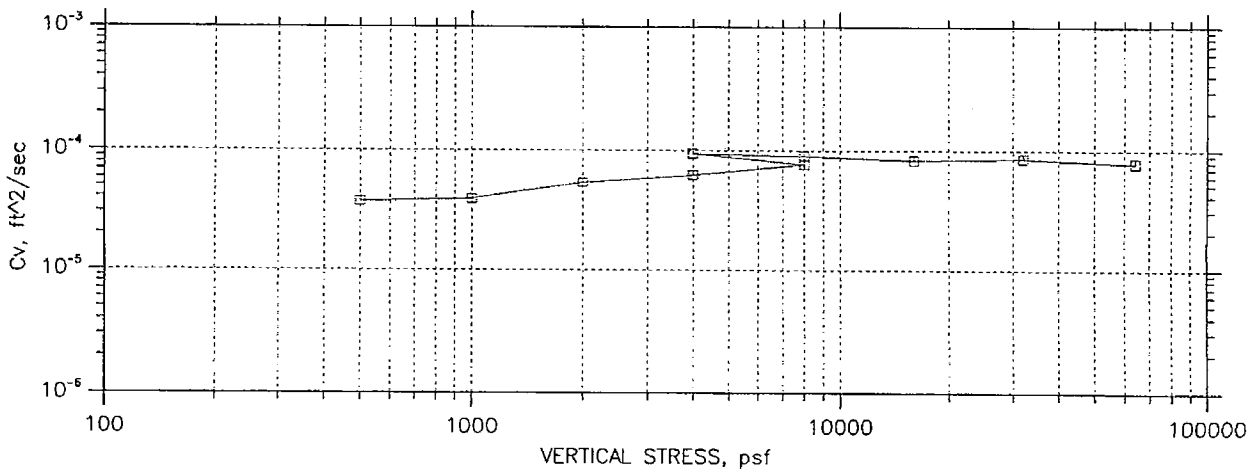
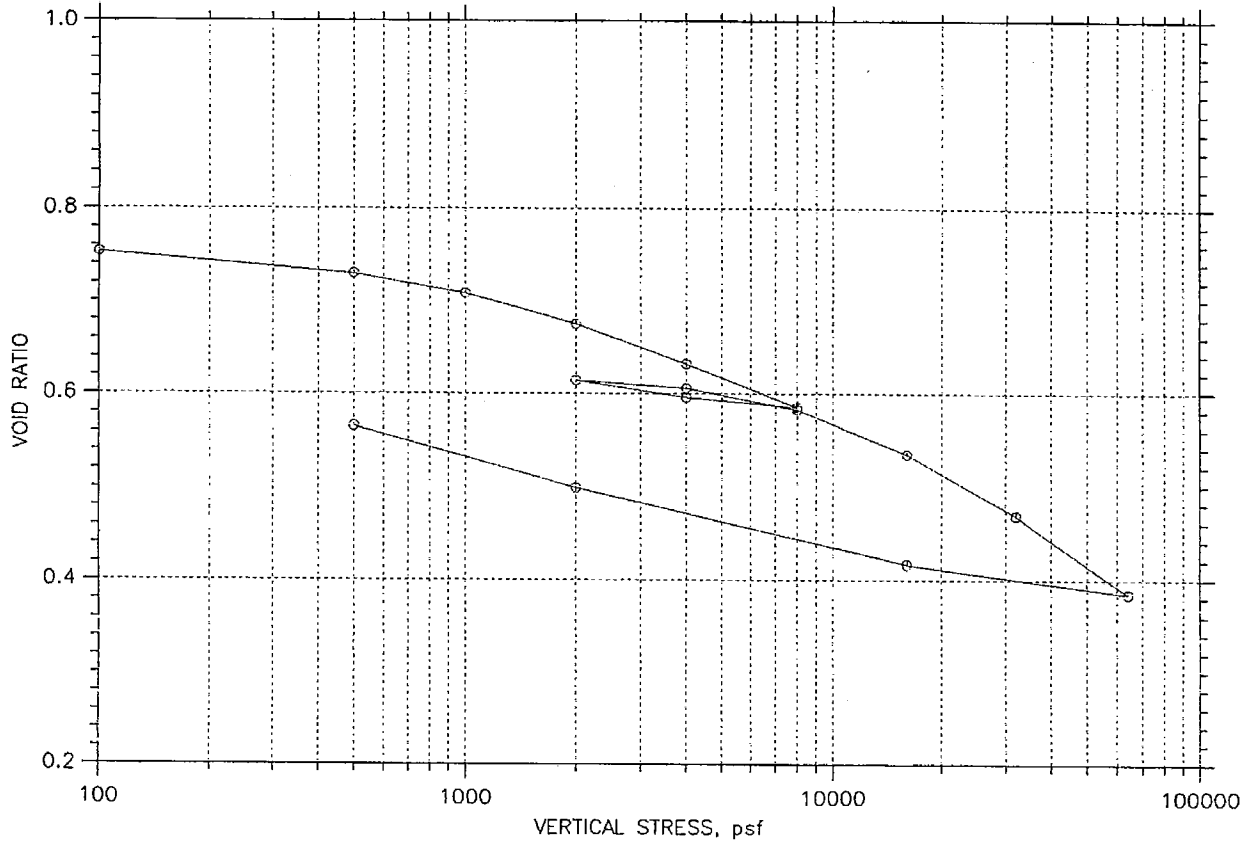
Constant Load Step: 16 of 16

Stress: 500. psf



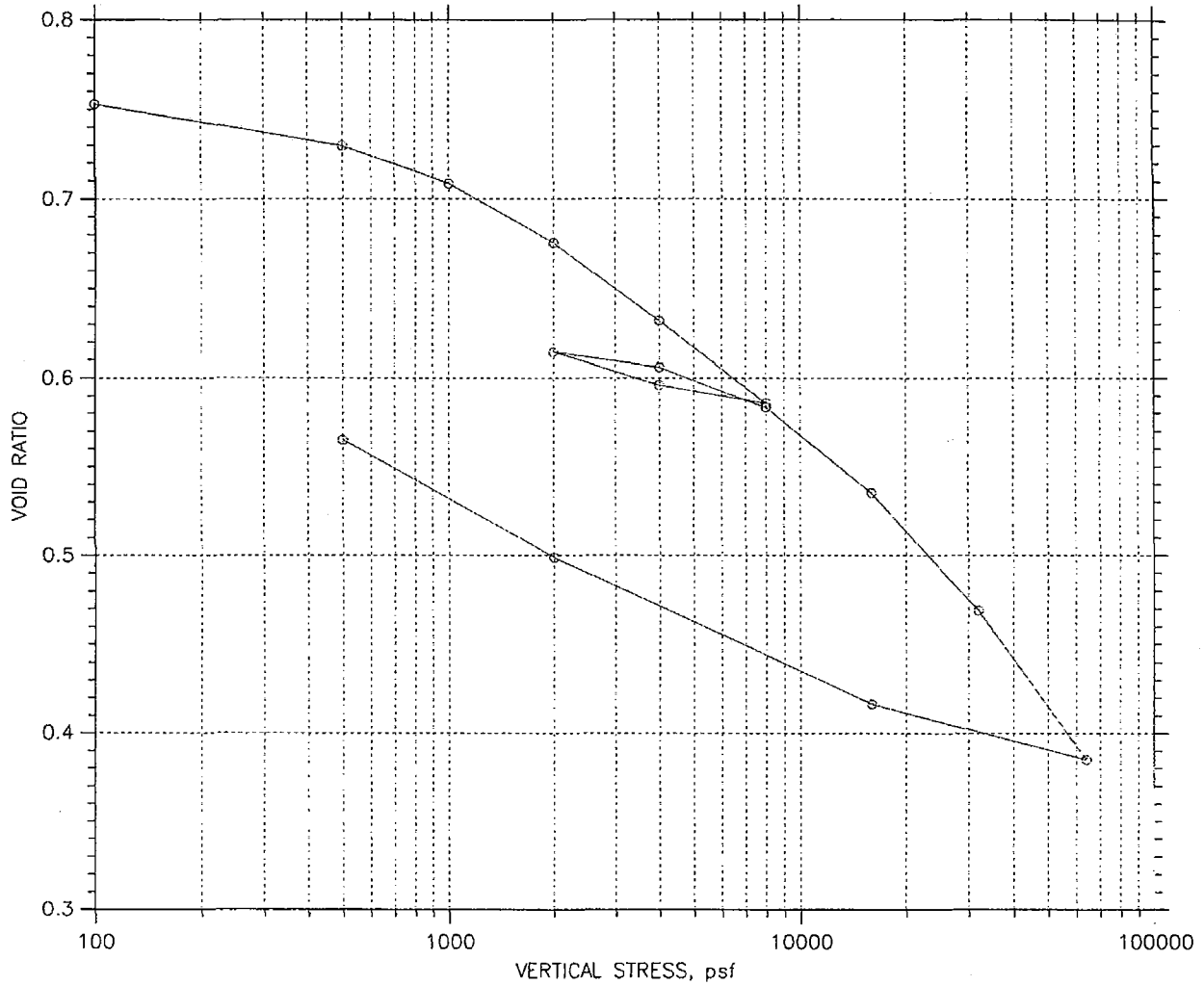
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf		Water Content, %		26.76	21.27
Preconsolidation Pressure: 2.912e+004 psf		Dry Unit Weight, pcf		94.34	105.7
Compression Index: 0.279		Saturation, %		94.10	99.78
Diameter: 2.5 in	Height: 1 in	Void Ratio		0.75	0.57
LL: NP	PL: NP	PI: NP	GS: 2.65		

MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/29/06
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-319
 Sample No.: UD-3
 Test No.: 5394

Location:
 Tested By: HJ
 Test Date: 9/20/06
 Sample Type: Shelby Tube

Project No.: 62340635348
 Checked By: JL
 Depth: 28.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.06

Estimated Specific Gravity: 2.65
 Initial Void Ratio: 0.75
 Final Void Ratio: 0.57

Liquid Limit: NP
 Plastic Limit: NP
 Plasticity Index: NP

Initial Height: 1.00 in
 Specimen Diameter: 2.50 in

Container ID	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
		RING		
Wt. Container + Wet Soil, gm	154.09	300.32	293.65	293.65
Wt. Container + Dry Soil, gm	121.56	267.79	267.79	267.79
Wt. Container, gm	0	146.23	146.23	146.23
Wt. Dry Soil, gm	121.56	121.56	121.56	121.56
Water Content, %	26.76	26.76	21.27	21.27
Void Ratio	---	0.75	0.57	---
Degree of Saturation, %	---	94.10	99.78	---
Dry Unit Weight, pcf	---	94.341	105.71	---

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-319
 Sample No.: UD-3
 Test No.: 5394

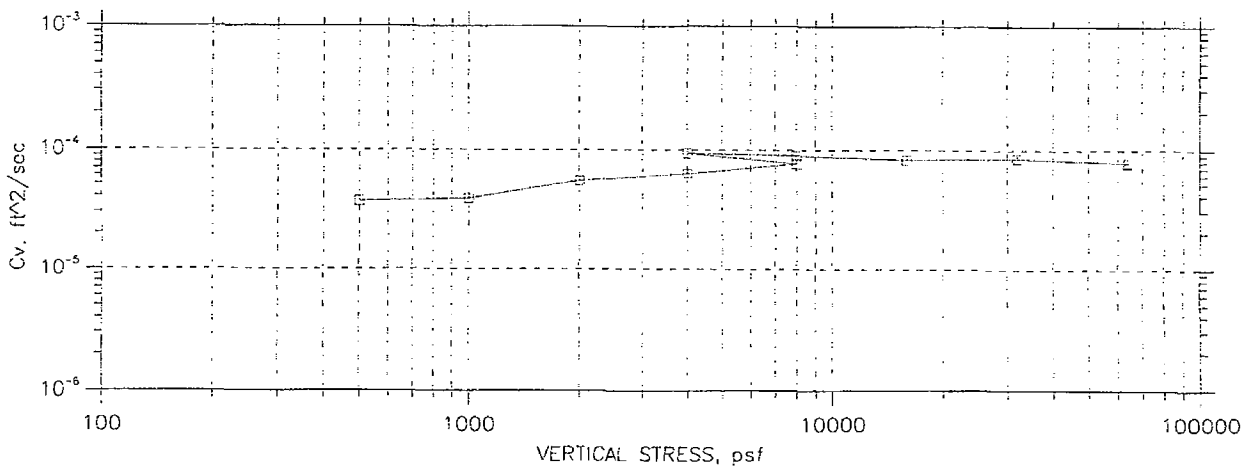
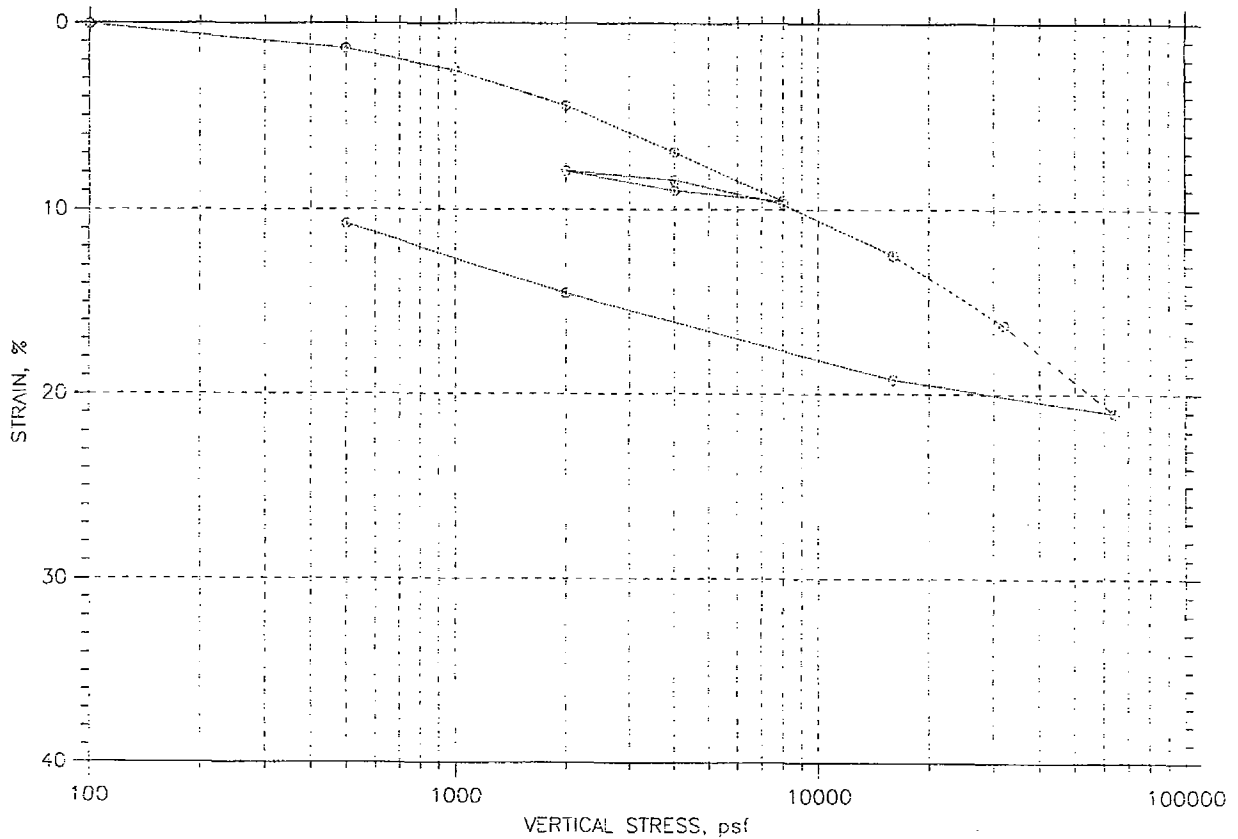
Location:
 Tested By: HJ
 Test Date: 9/20/06
 Sample Type: Shelby Tube

Project No.: 6234063534S
 Checked By: JL
 Depth: 28.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.06

	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.0004323	0.753	0.04	0.0	0.0	0.00e+000	0.00e+000	0.00e+000
2	500	0.01368	0.730	1.37	0.2	0.0	3.63e-005	0.00e+000	3.63e-005
3	1e+003	0.02575	0.708	2.58	0.2	0.1	3.45e-005	4.27e-005	3.81e-005
4	2e+003	0.04459	0.675	4.46	0.1	0.1	5.36e-005	5.41e-005	5.39e-005
5	4e+003	0.06933	0.632	6.93	0.1	0.1	5.88e-005	6.78e-005	6.30e-005
6	8e+003	0.09571	0.586	9.57	0.1	0.1	7.49e-005	7.96e-005	7.72e-005
7	4e+003	0.08991	0.596	8.99	0.0	0.0	1.35e-004	0.00e+000	1.35e-004
8	2e+003	0.07949	0.614	7.95	0.1	0.1	5.75e-005	7.68e-005	6.58e-005
9	4e+003	0.08429	0.606	8.43	0.1	0.0	9.43e-005	0.00e+000	9.43e-005
10	8e+003	0.09711	0.583	9.71	0.1	0.0	9.01e-005	0.00e+000	9.01e-005
11	1.6e+004	0.1246	0.535	12.46	0.1	0.0	7.33e-005	9.66e-005	8.33e-005
12	3.2e+004	0.1623	0.469	16.23	0.1	0.0	7.08e-005	1.09e-004	8.59e-005
13	6.4e+004	0.2102	0.385	21.02	0.1	0.0	6.42e-005	1.02e-004	7.87e-005
14	1.6e+004	0.1922	0.417	19.22	0.0	0.0	1.11e-004	0.00e+000	1.11e-004
15	2e+003	0.1453	0.499	14.53	0.4	0.2	9.49e-006	2.08e-005	1.30e-005
16	500	0.1075	0.565	10.75	1.1	1.1	3.80e-006	3.80e-006	3.80e-006

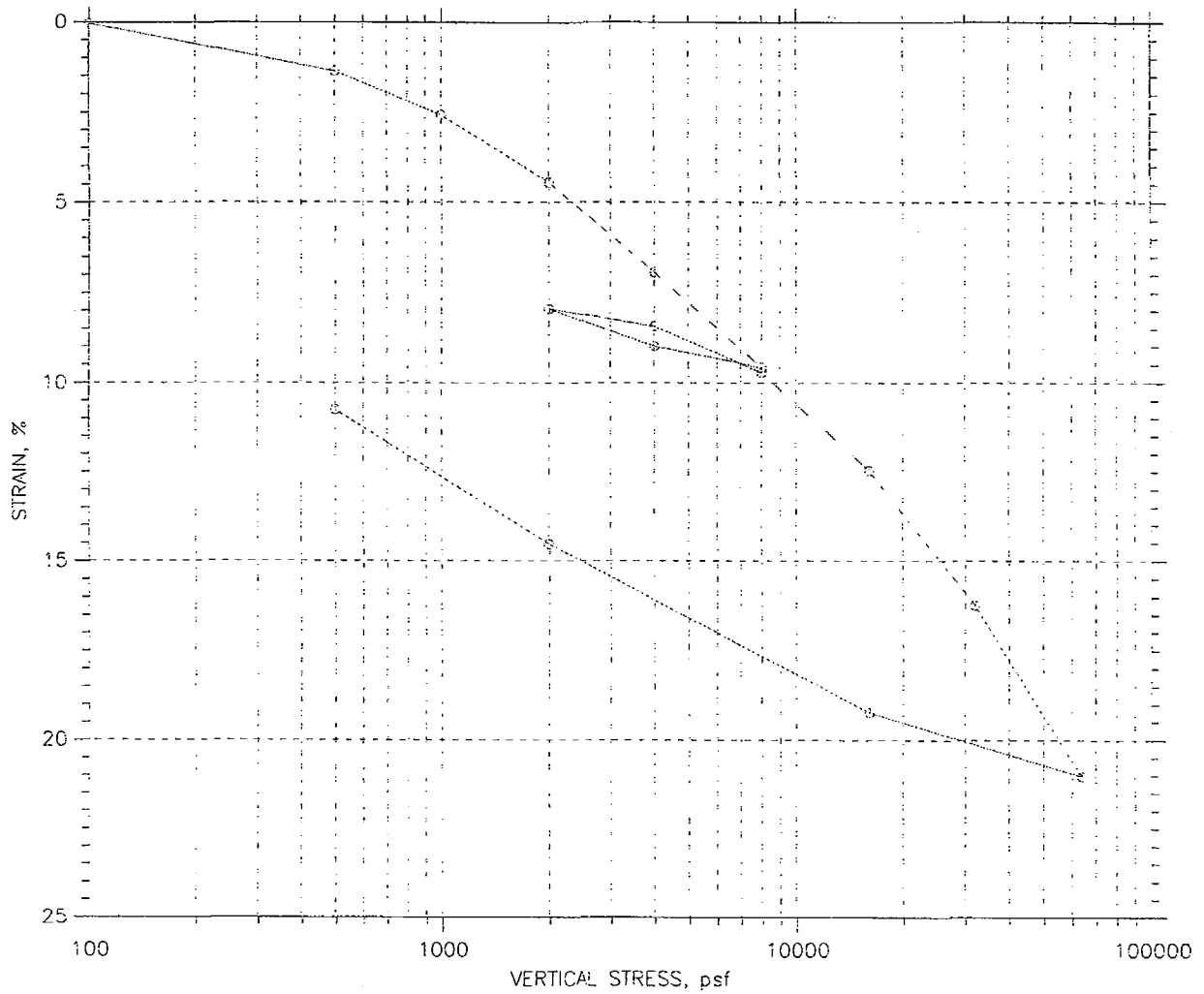
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

SUMMARY REPORT



		Before Test	After Test
Overburden Pressure: 0 psf		26.76	21.27
Preconsolidation Pressure: 2.912e+004 psf		94.34	105.7
Compression Index: 0.279		94.10	99.78
Diameter: 2.5 in	Height: 1 in	0.75	0.57
LL: NP	PL: NP		
PI: NP	GS: 2.65		

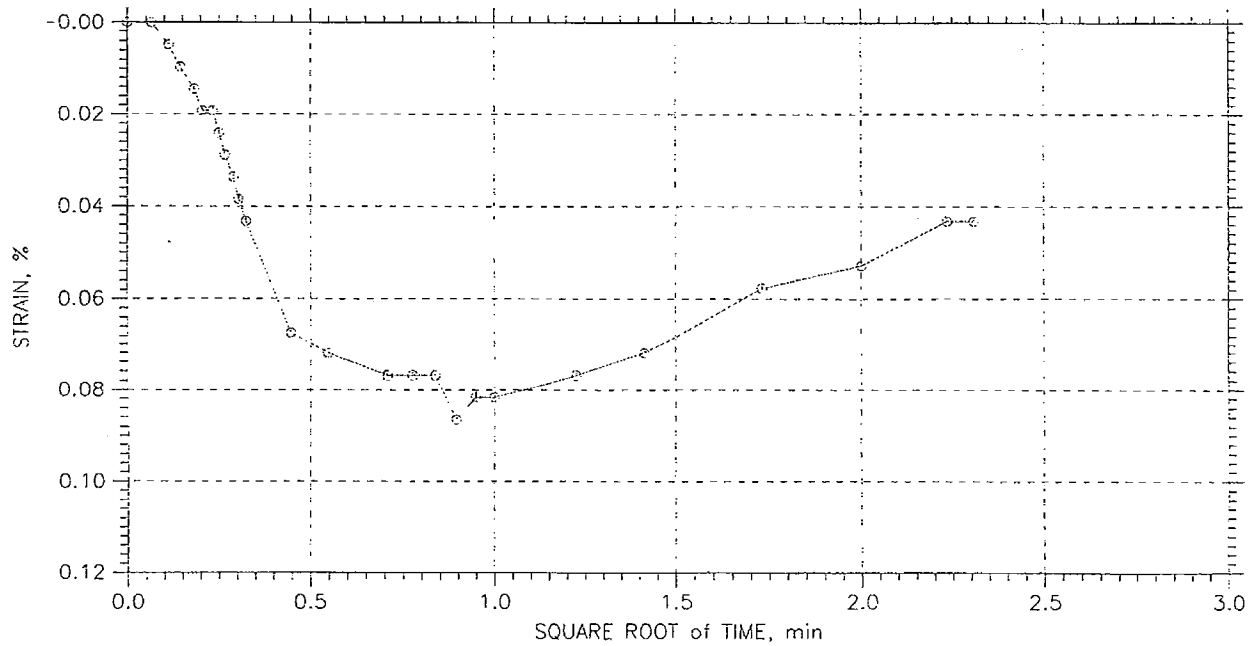
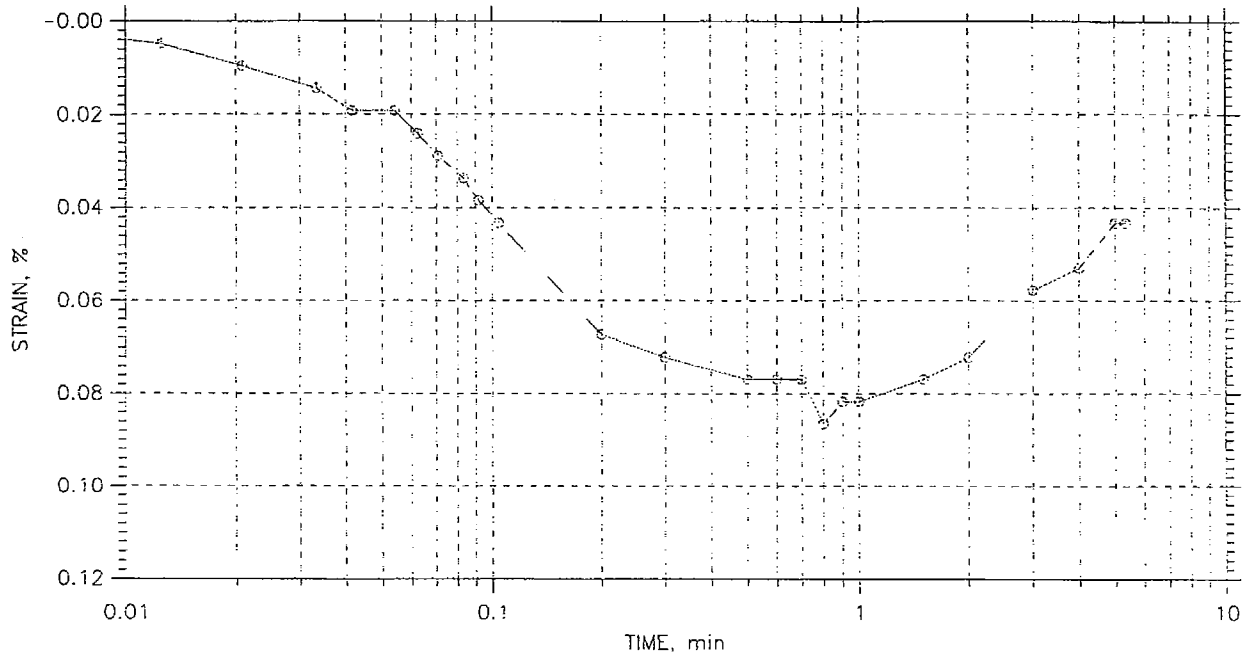
MACTEC	Project: SCE&G CO.	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 16

Stress: 100. psf



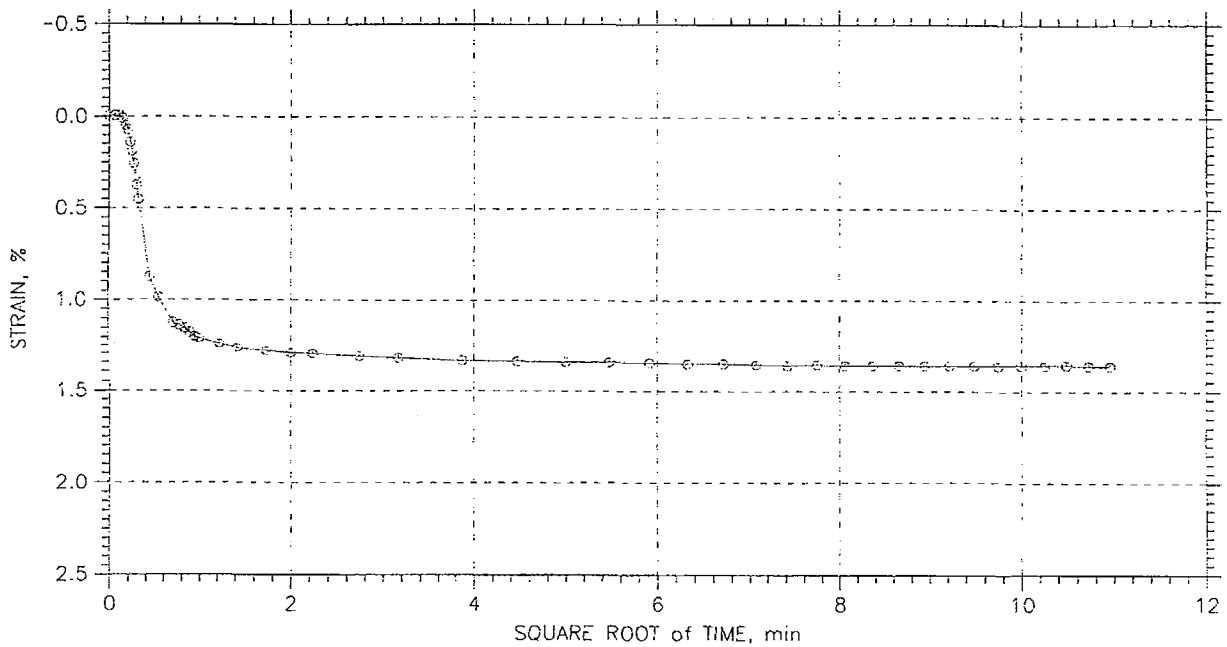
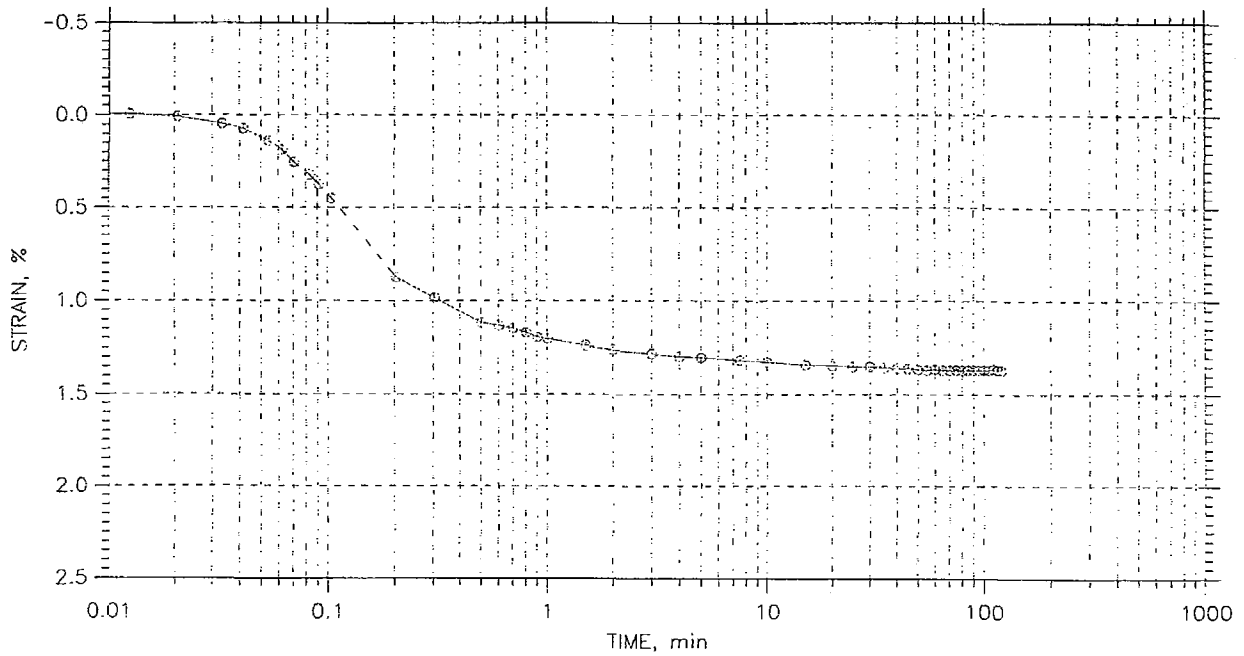
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 16

Stress: 500. psf



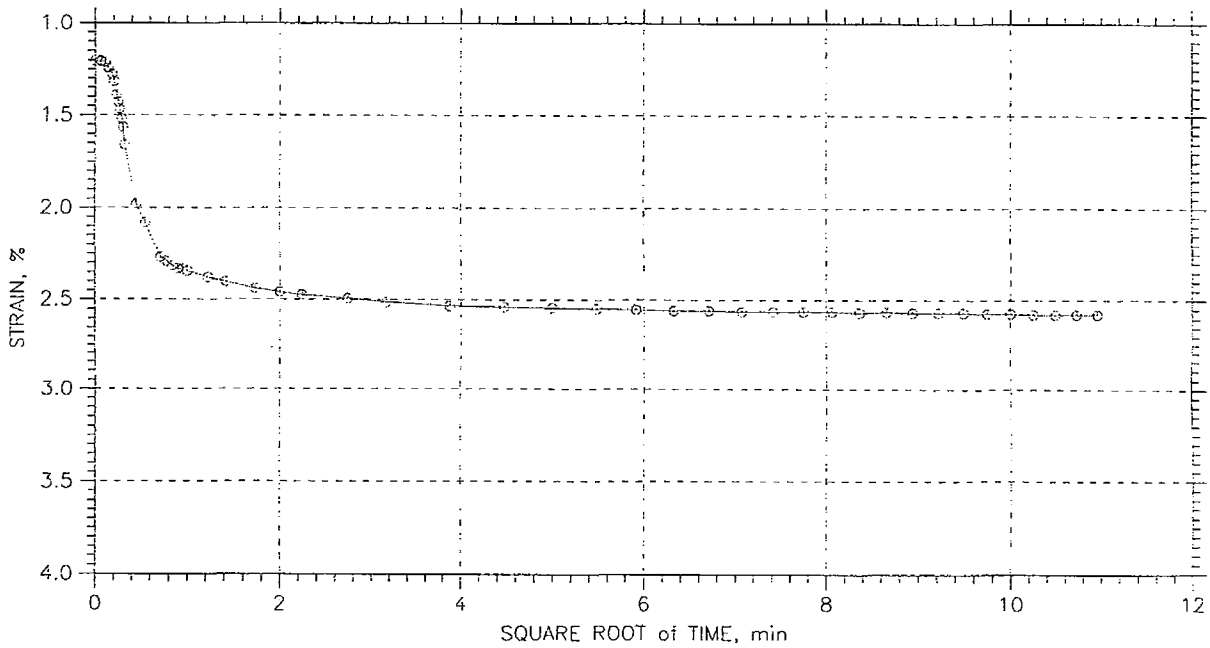
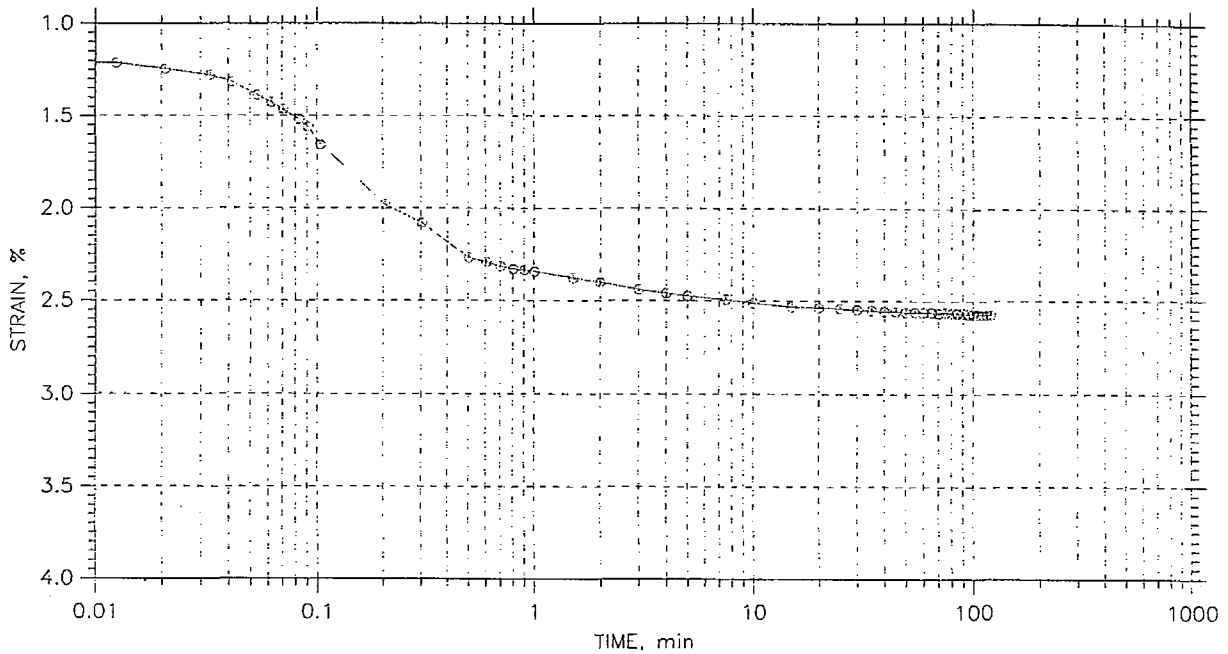
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 16

Stress: 1000. psf



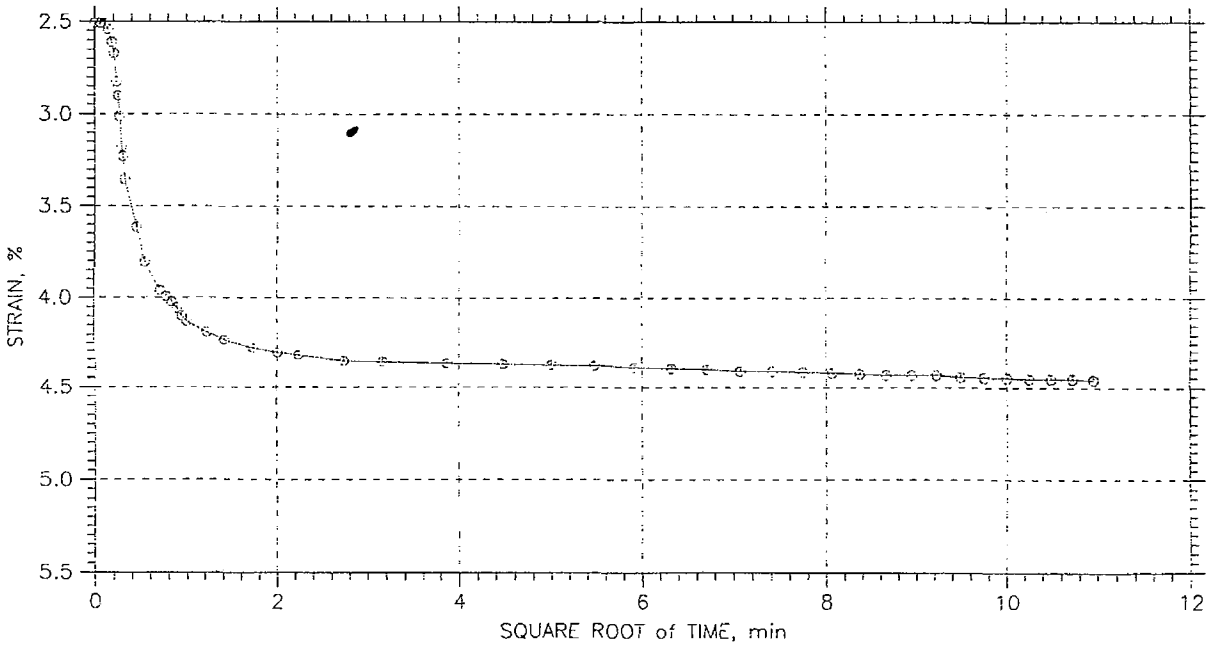
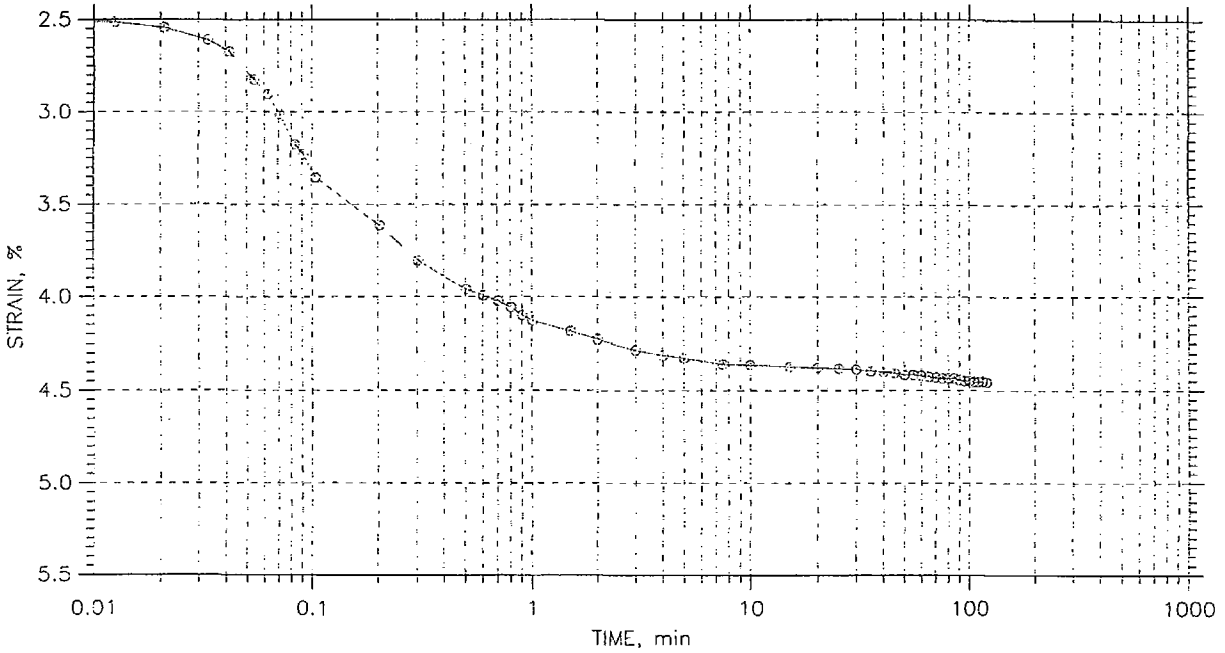
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 16

Stress: 2000. psf



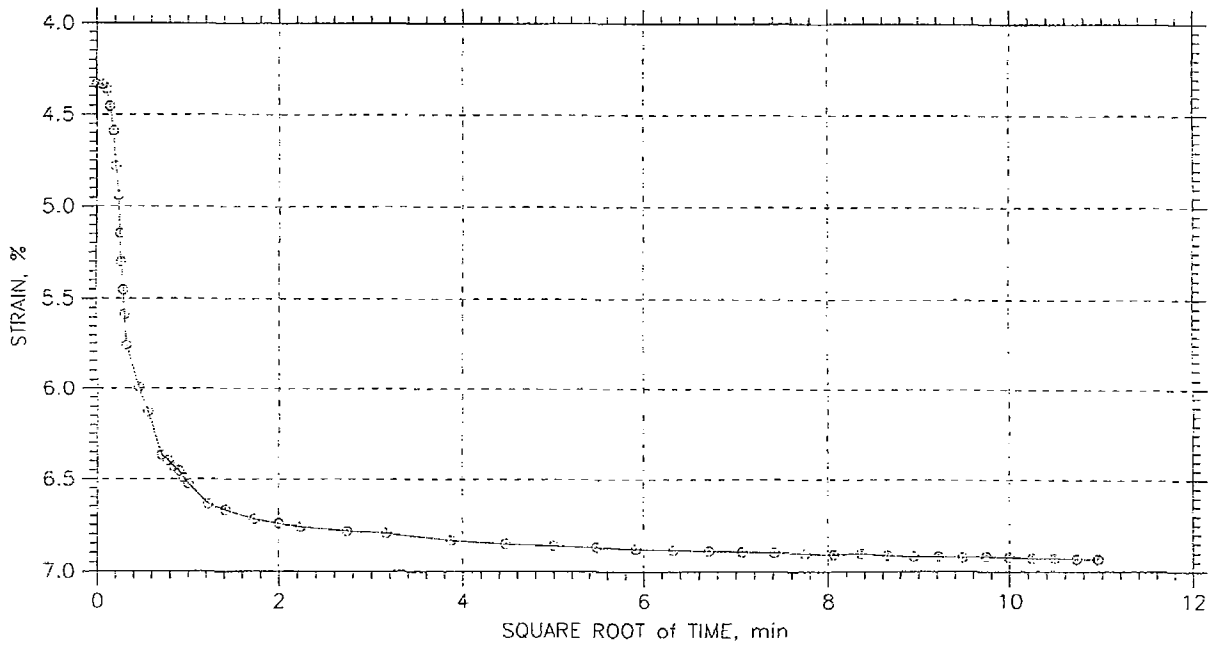
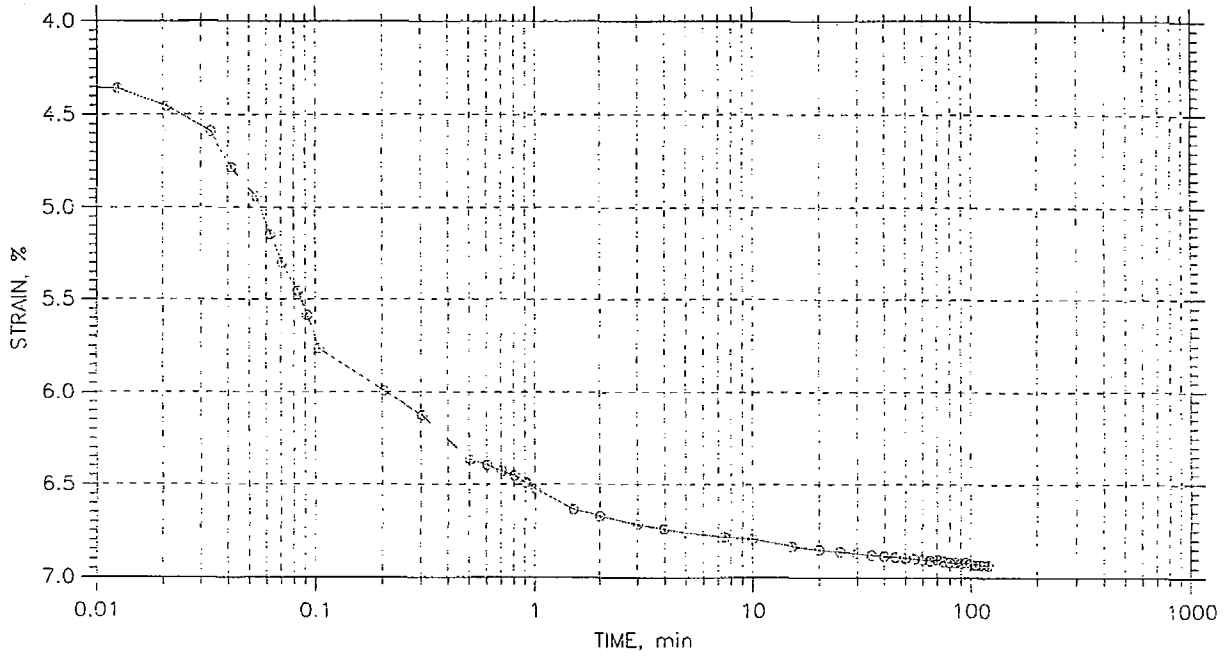
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 16

Stress: 4000. psf



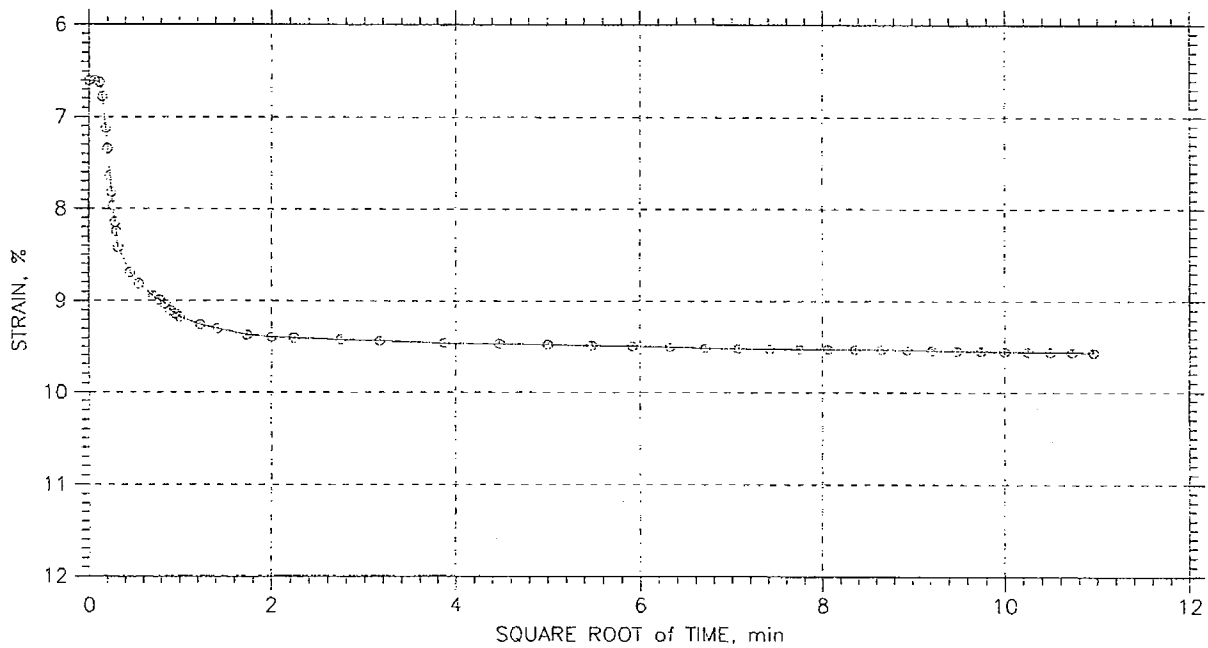
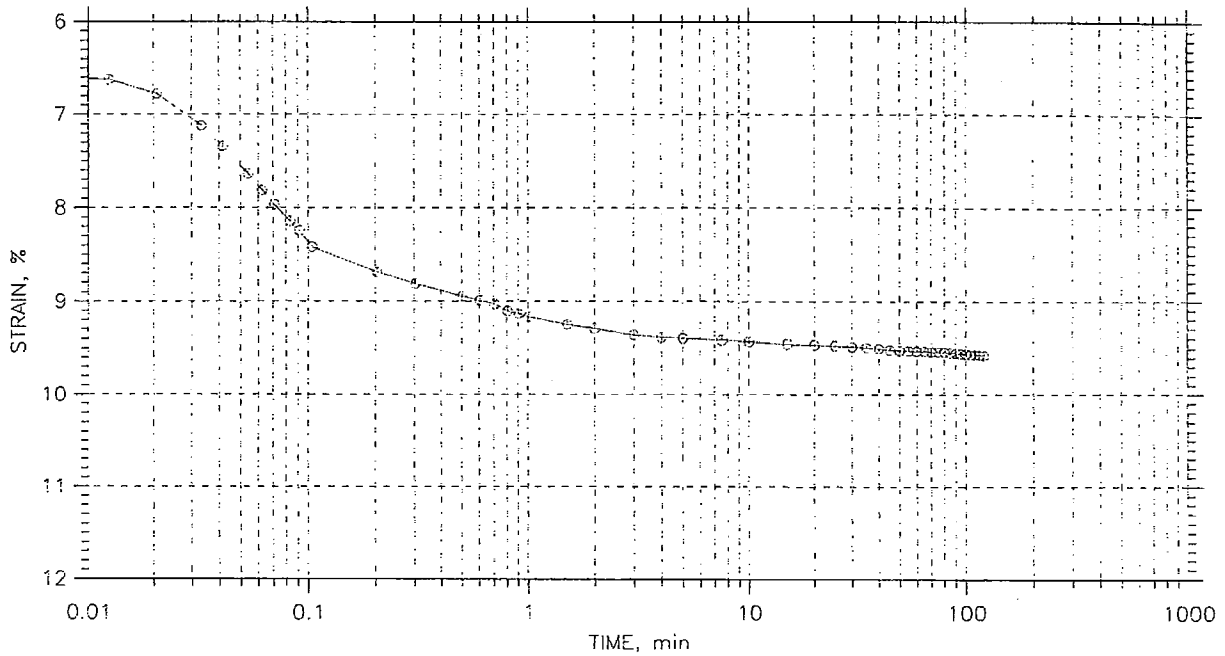
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 16

Stress: 8000. psf



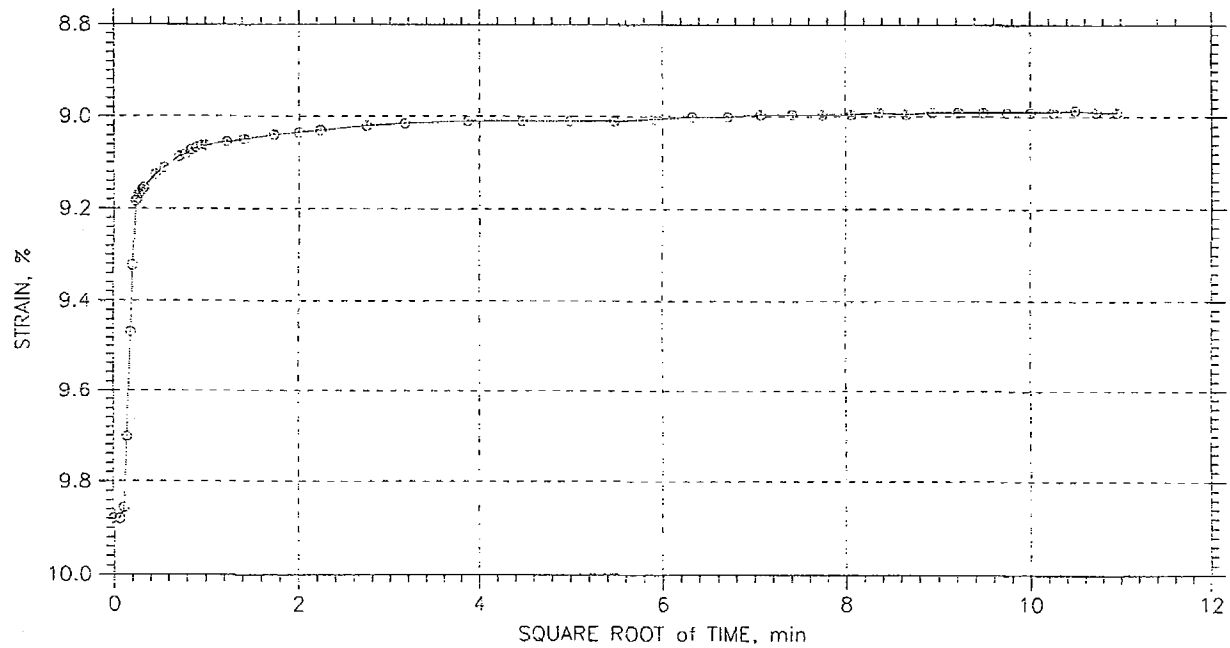
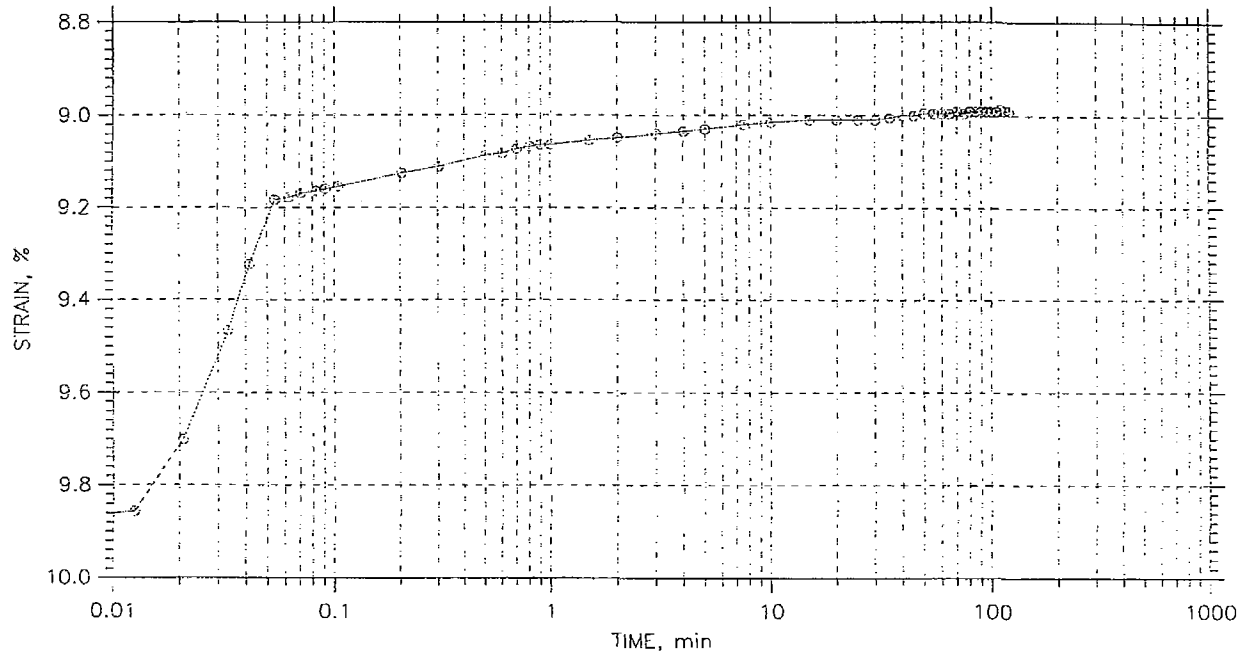
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 16

Stress: 4000. psf



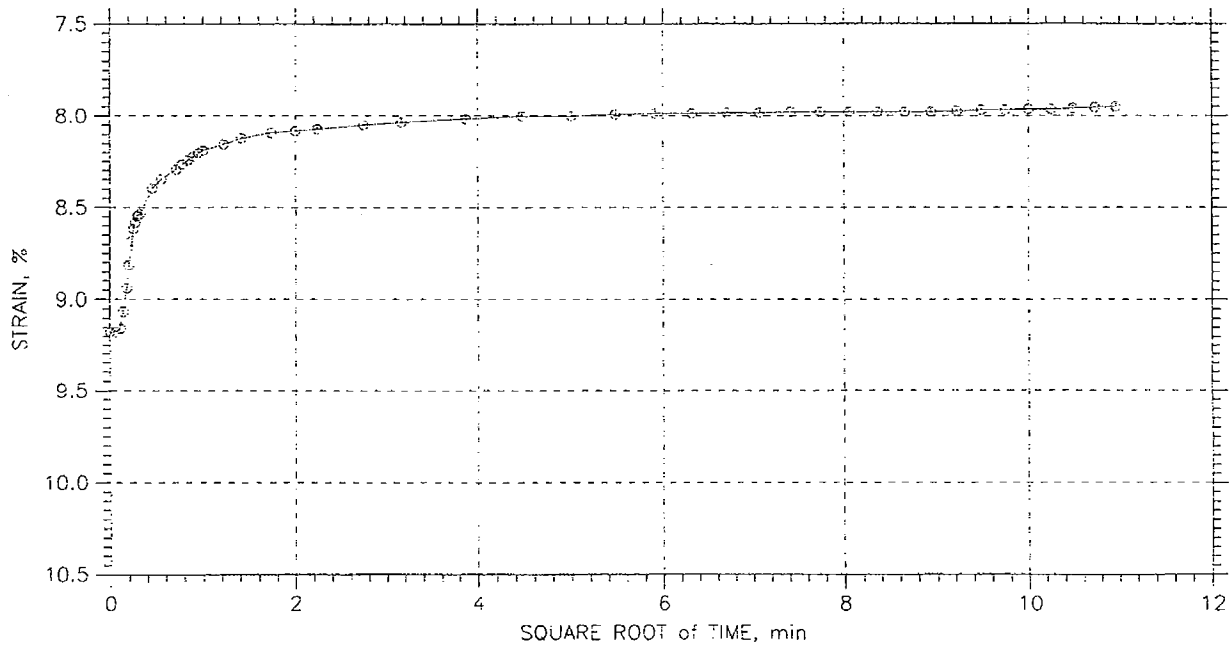
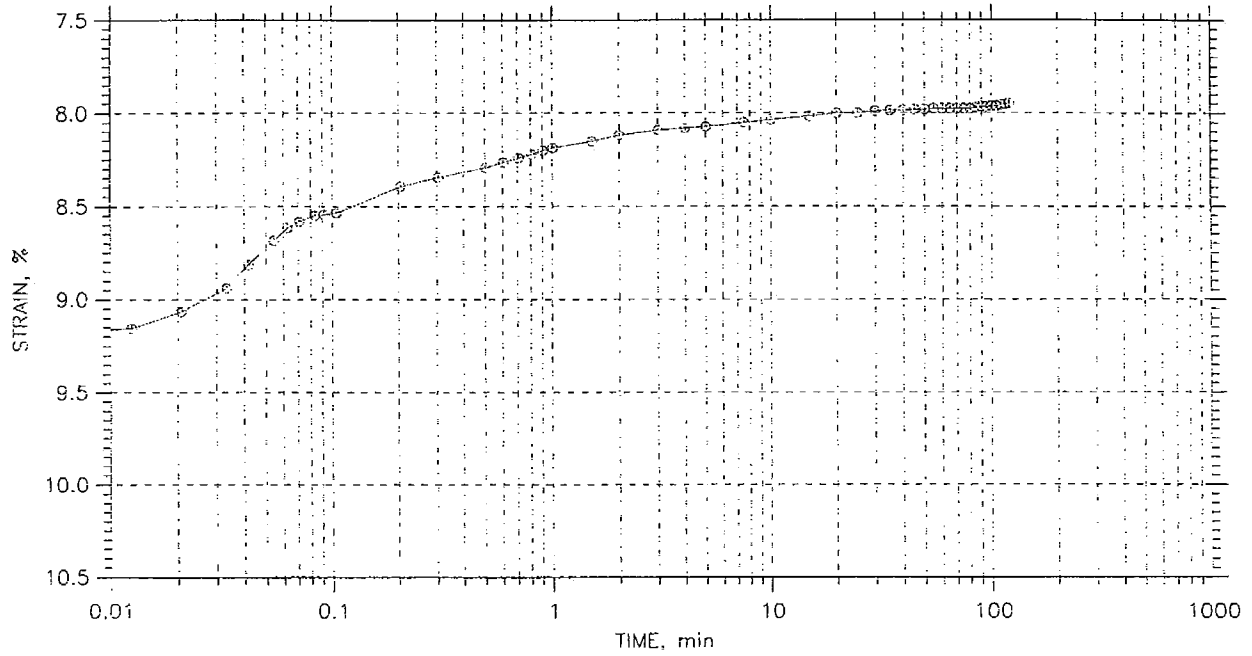
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 16

Stress: 2000. psf



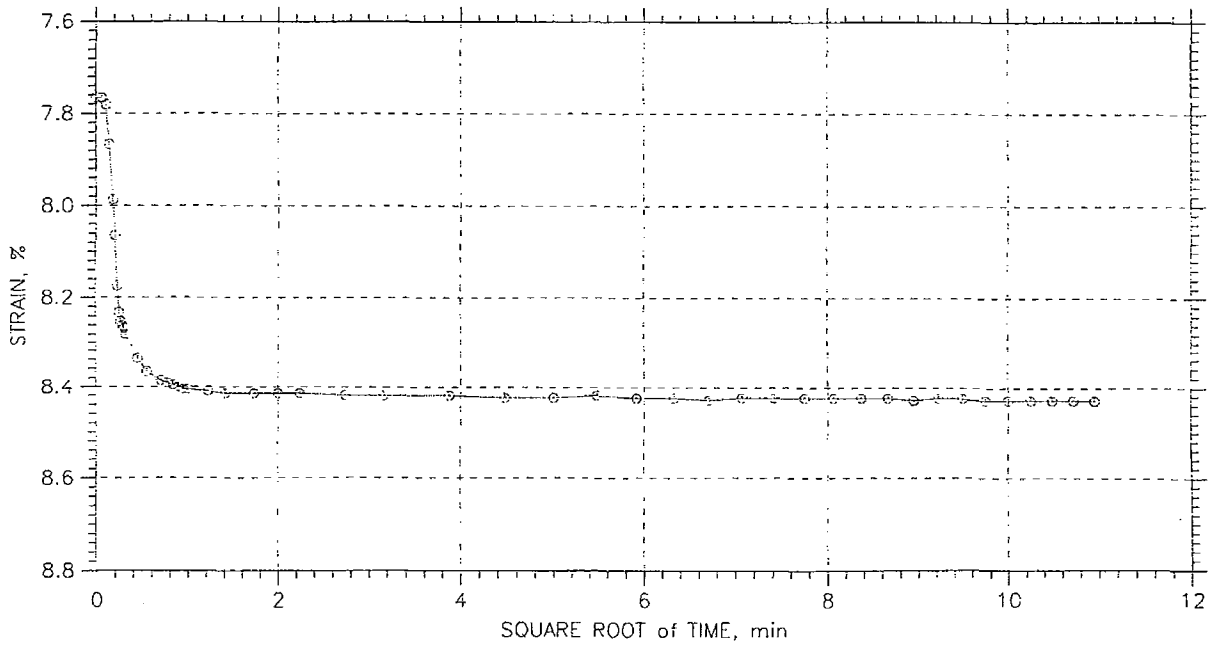
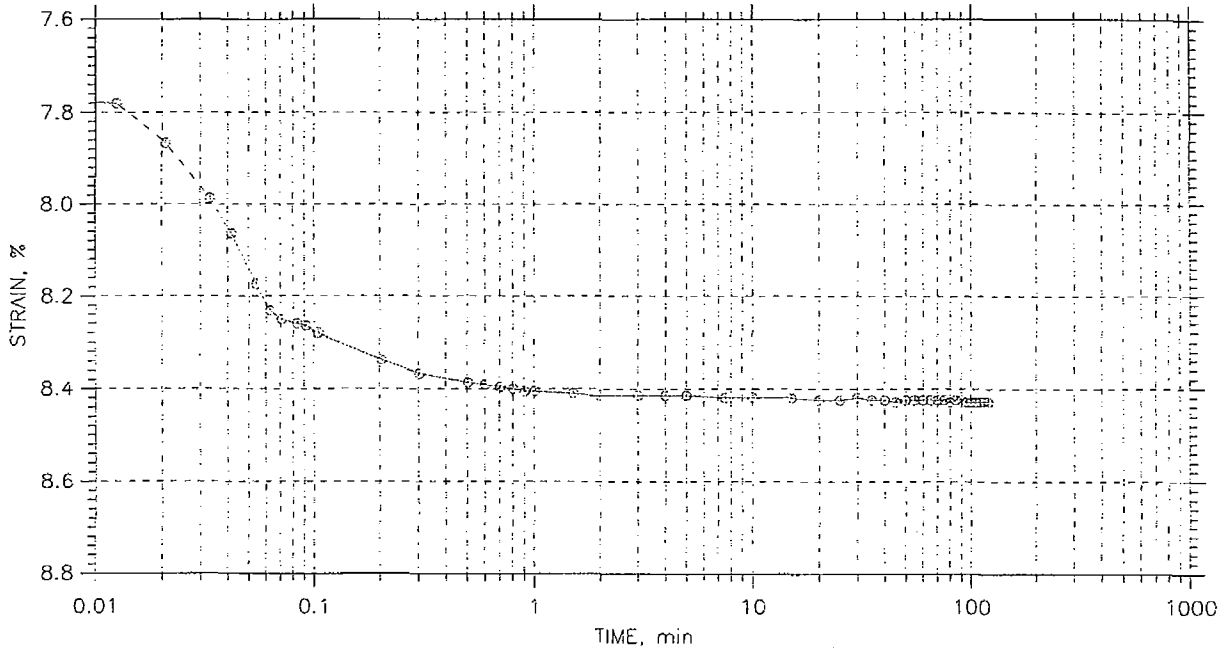
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 16

Stress: 4000. psf



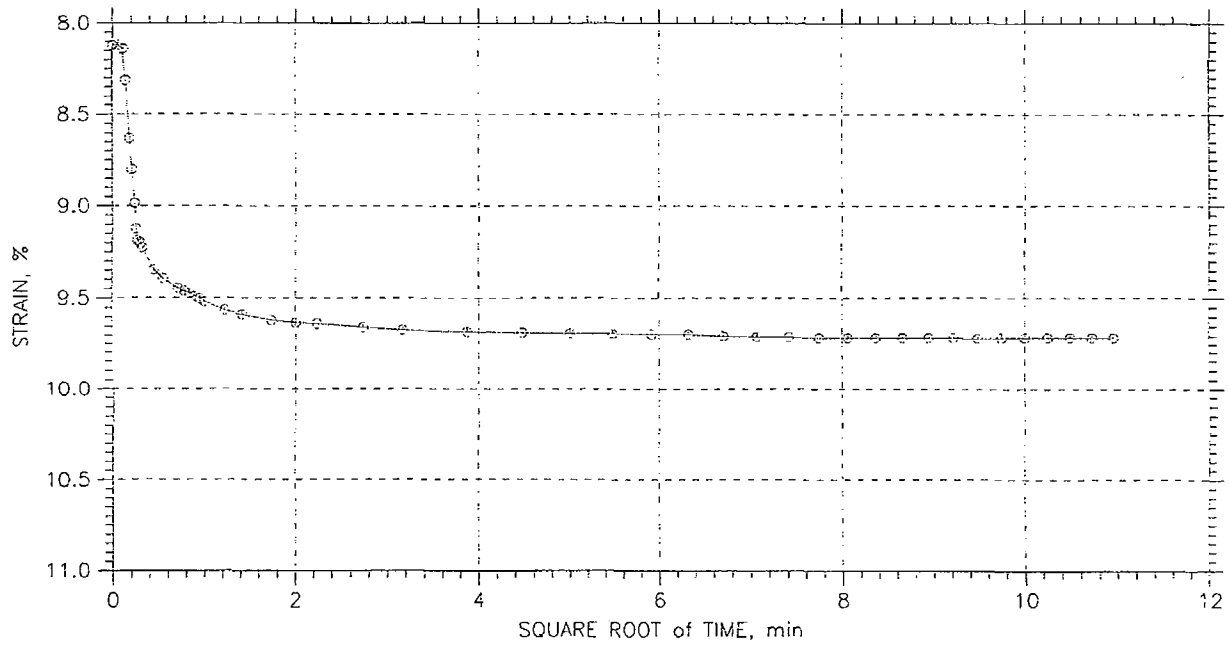
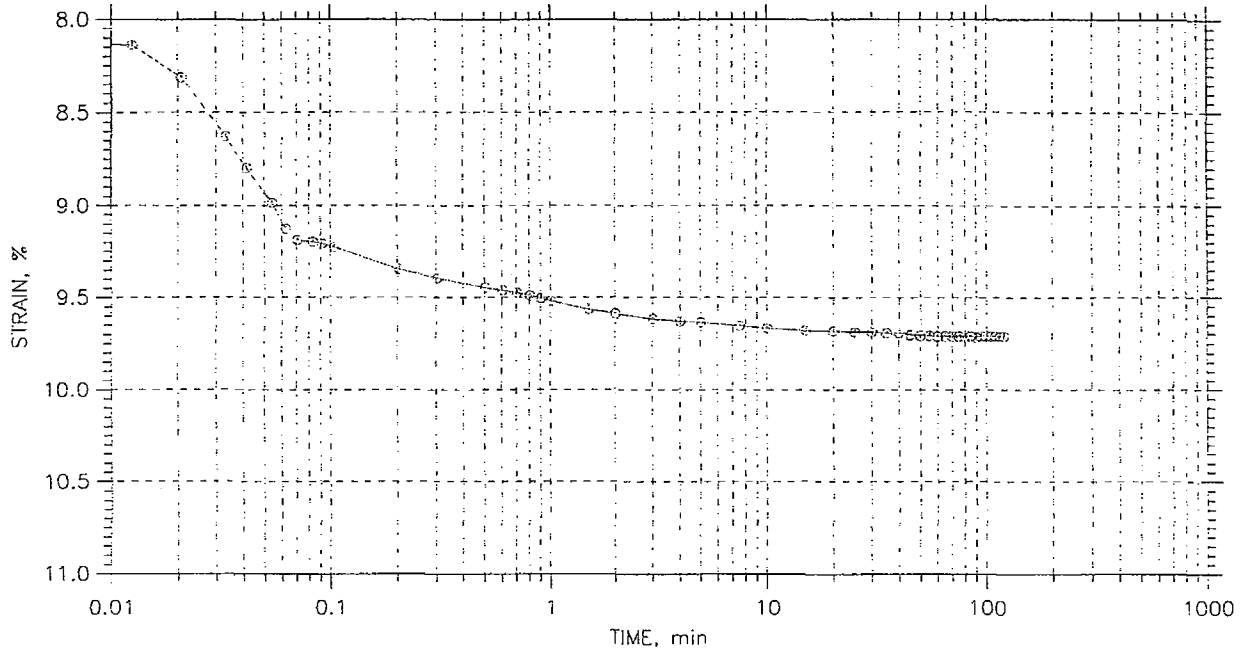
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 16

Stress: 8000. psf



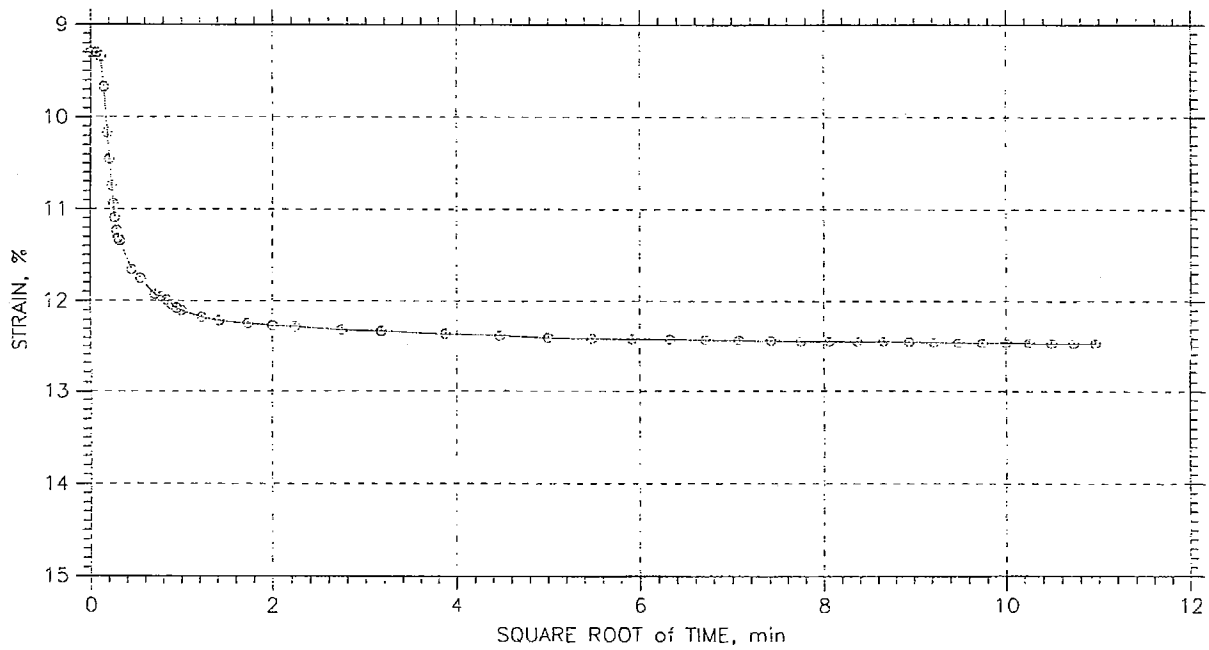
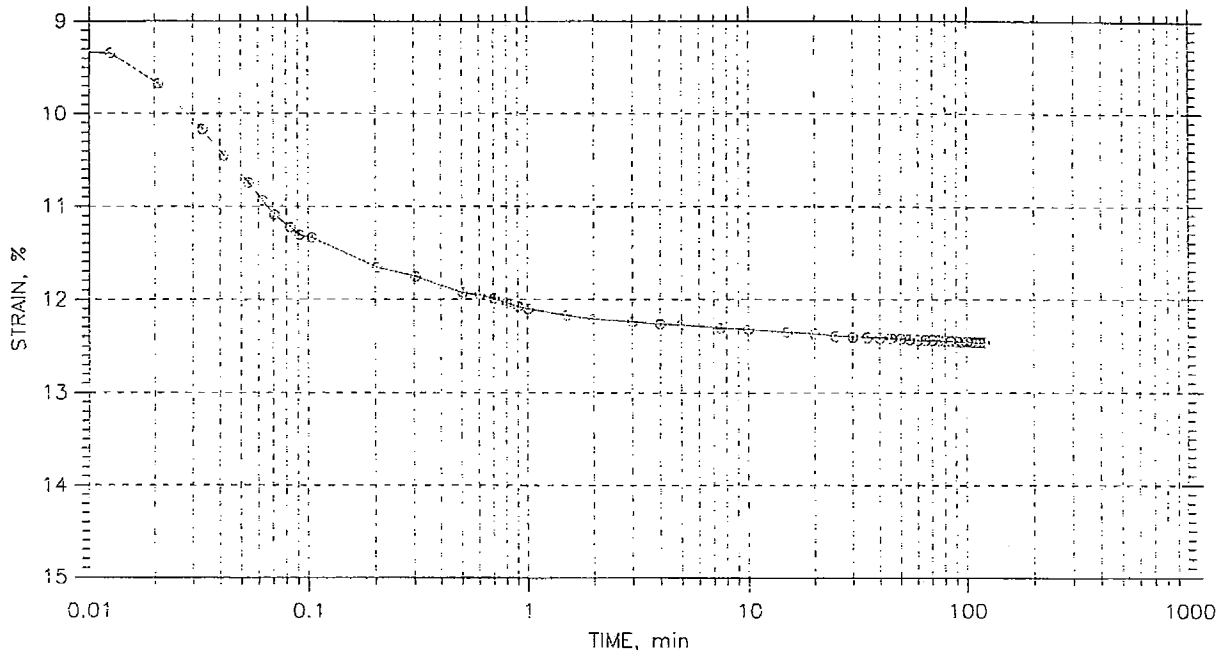
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 16

Stress: 16000 psf



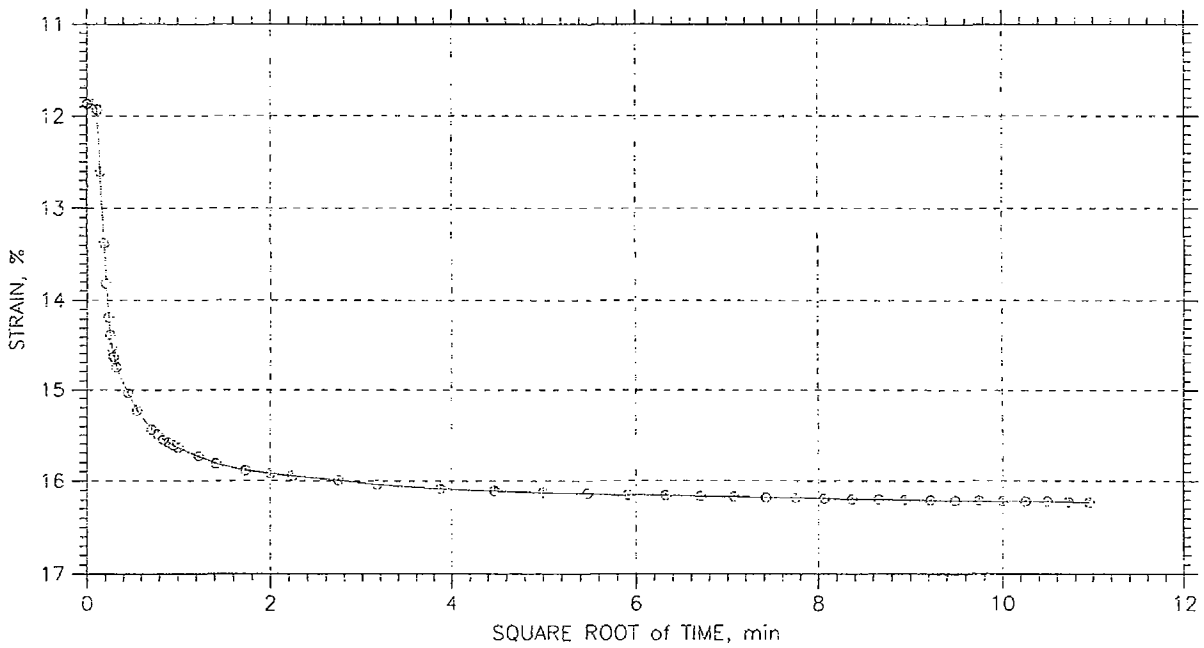
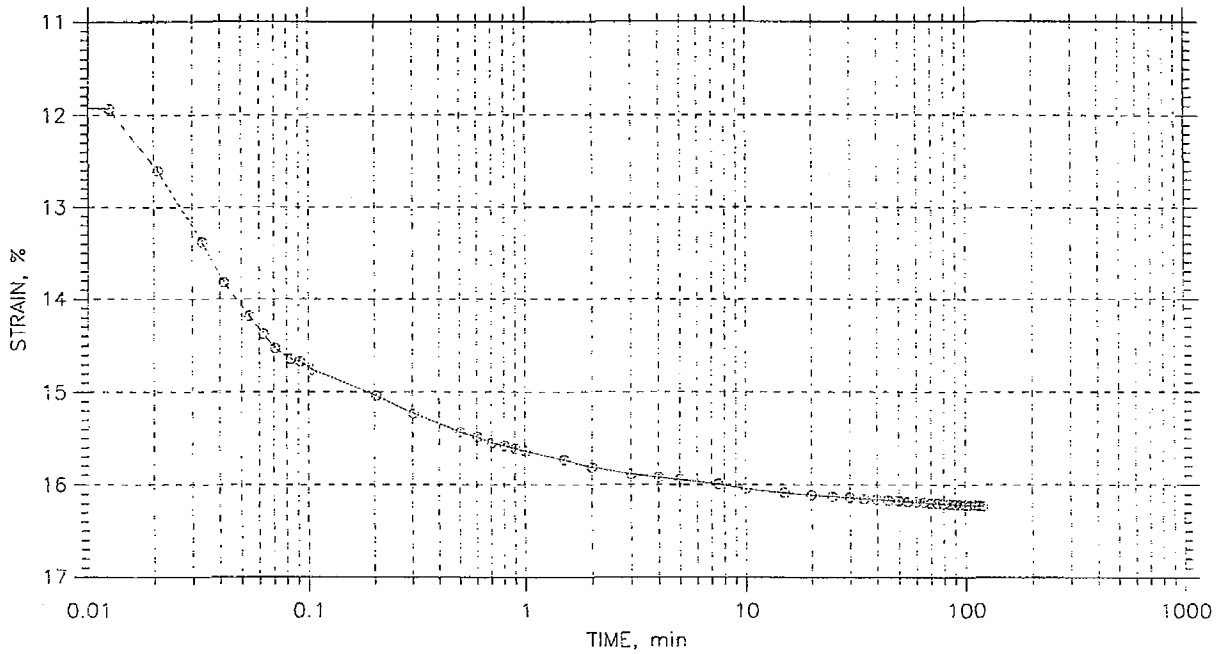
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 16

Stress: 32000 psf



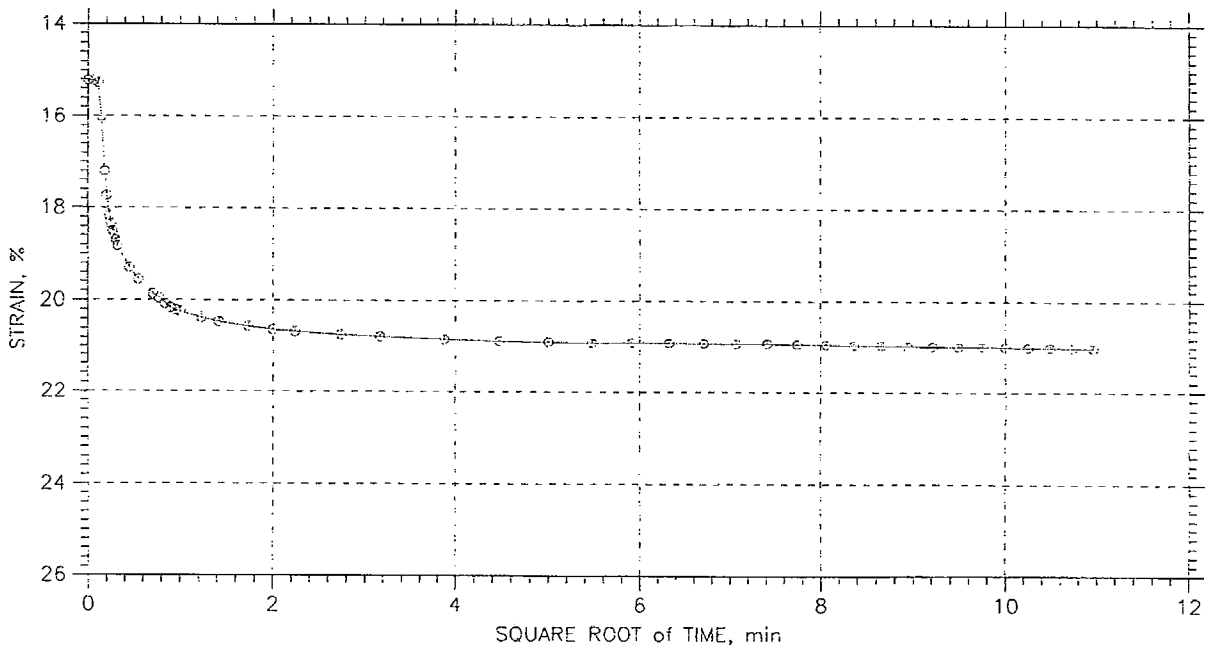
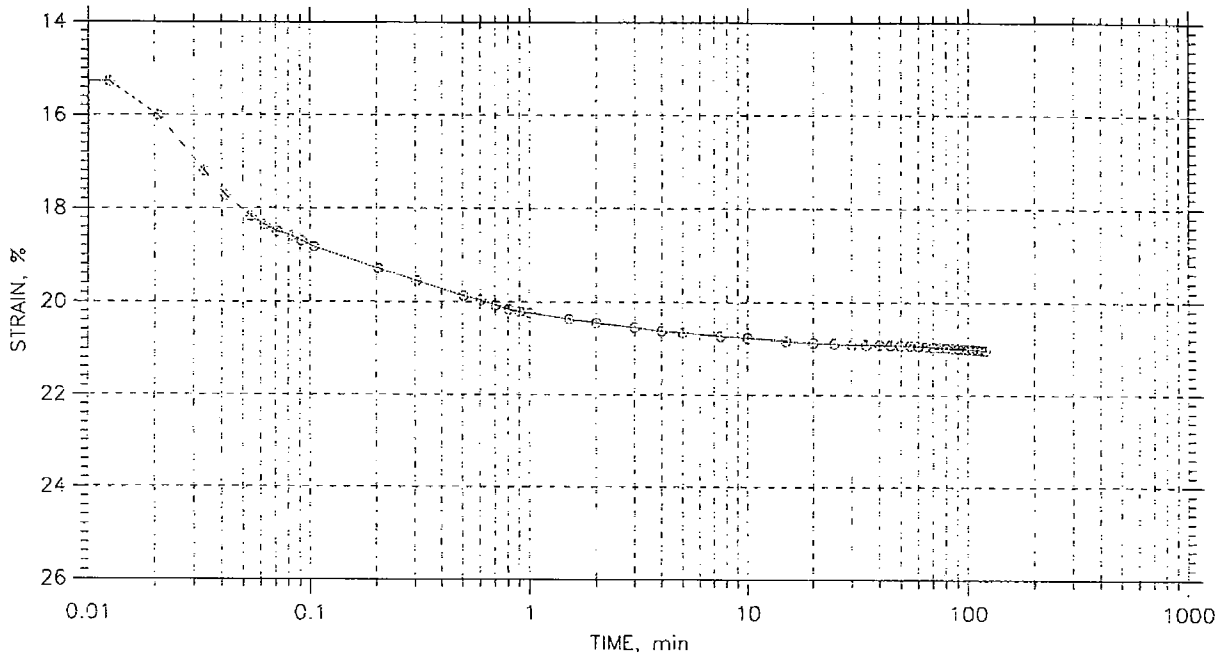
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 16

Stress: 64000 psf



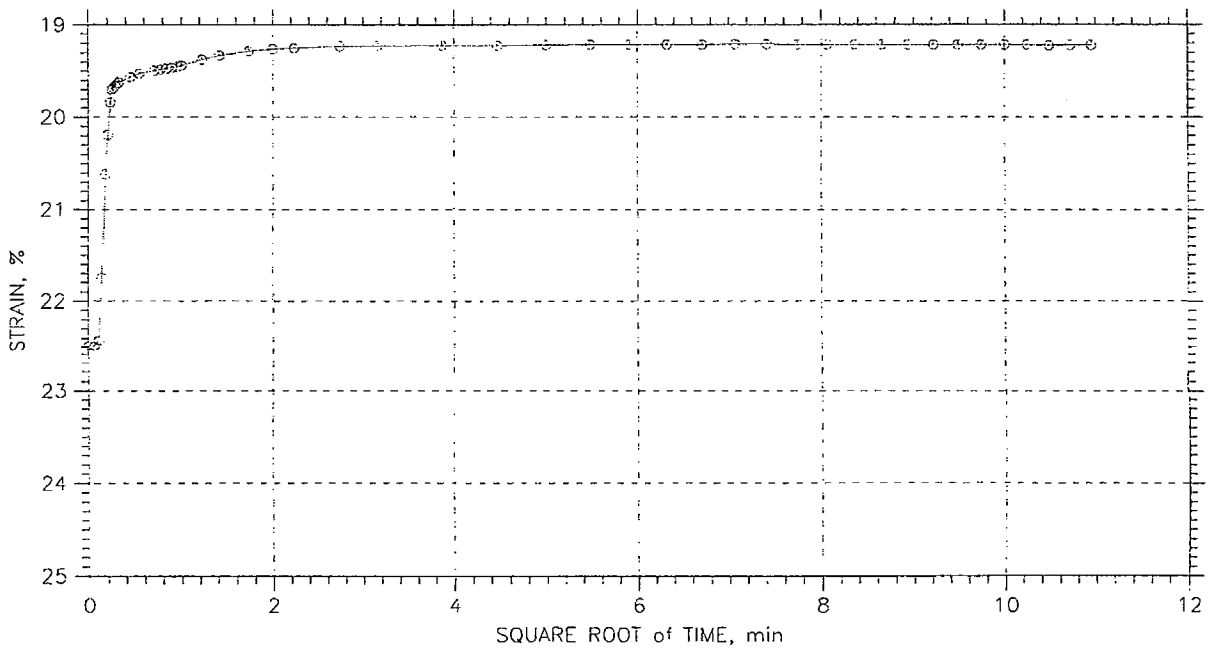
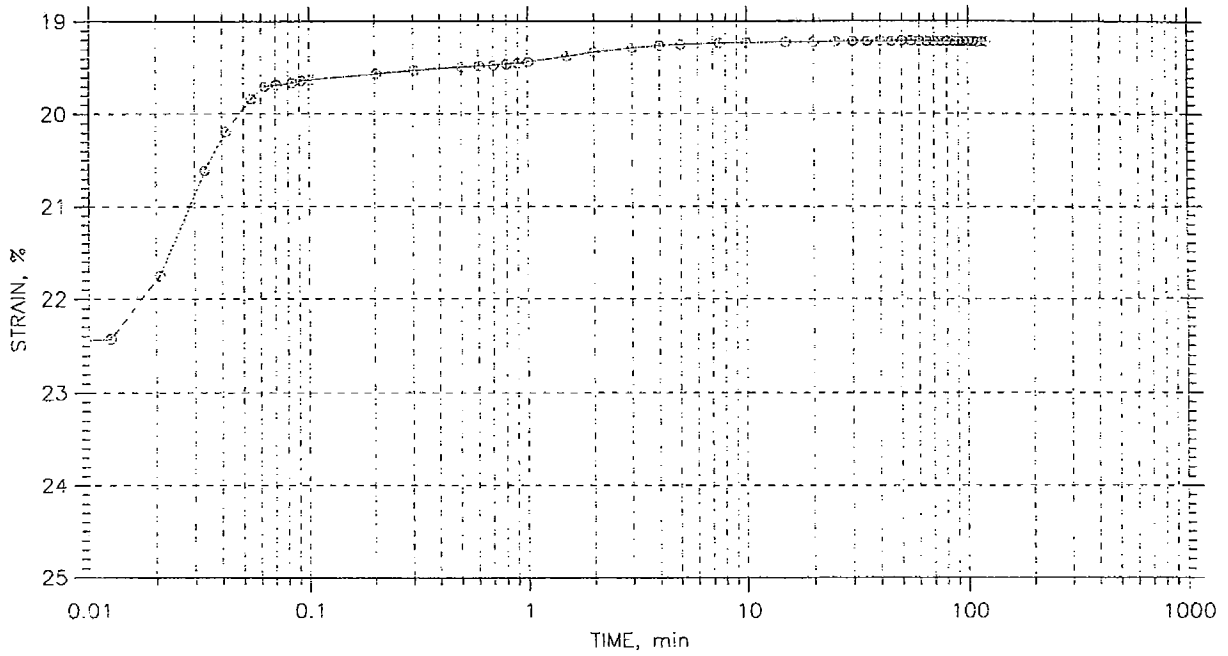
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 16

Stress: 16000 psf



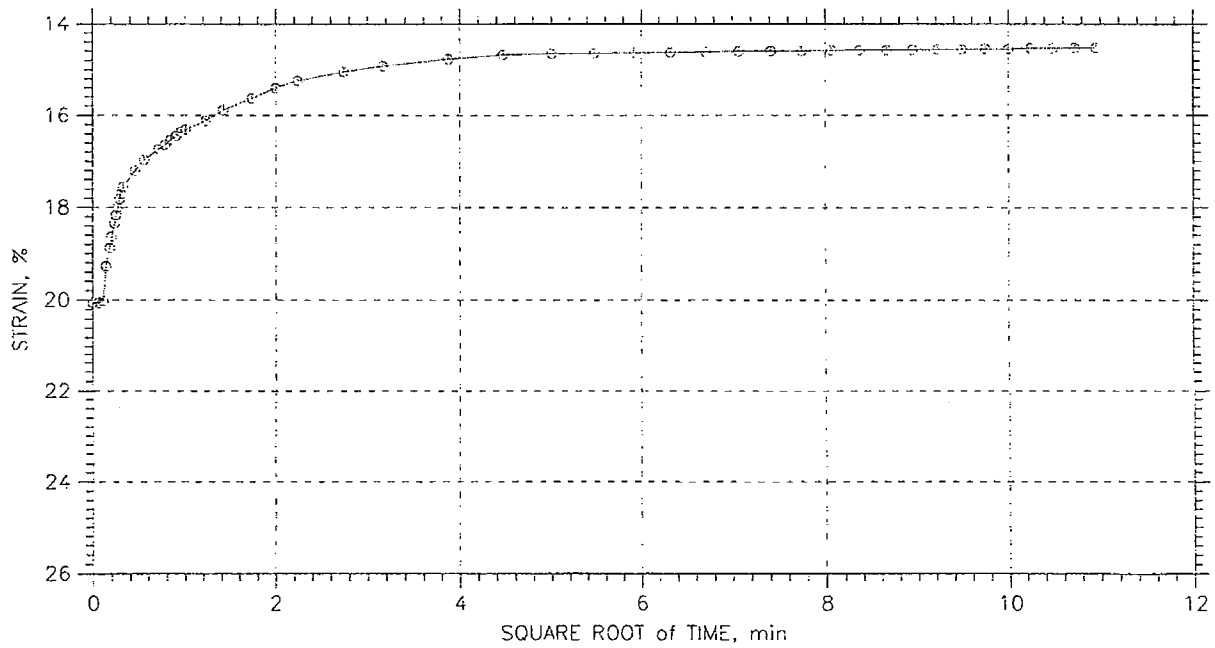
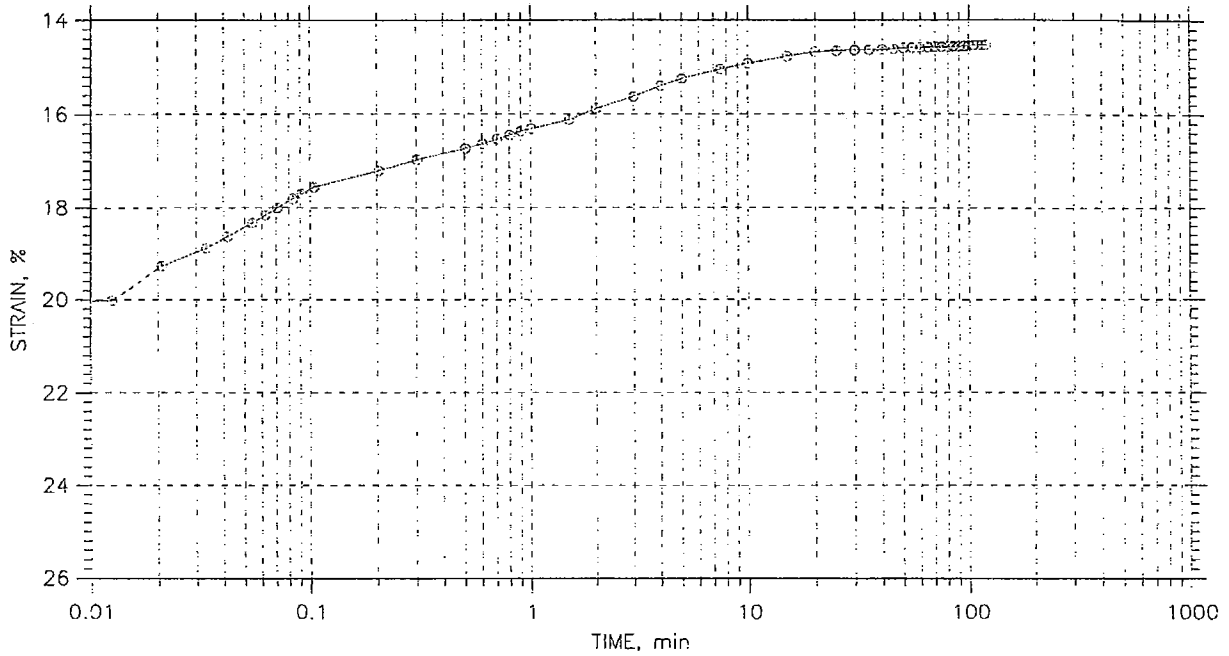
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 16

Stress: 2000. psf



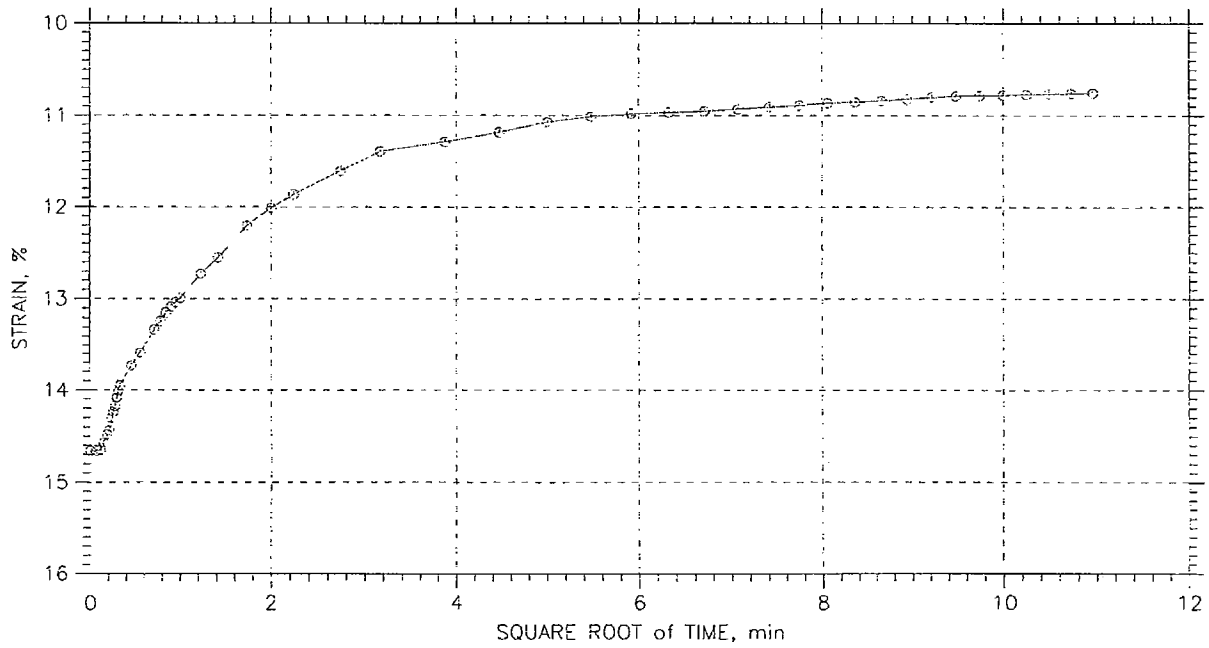
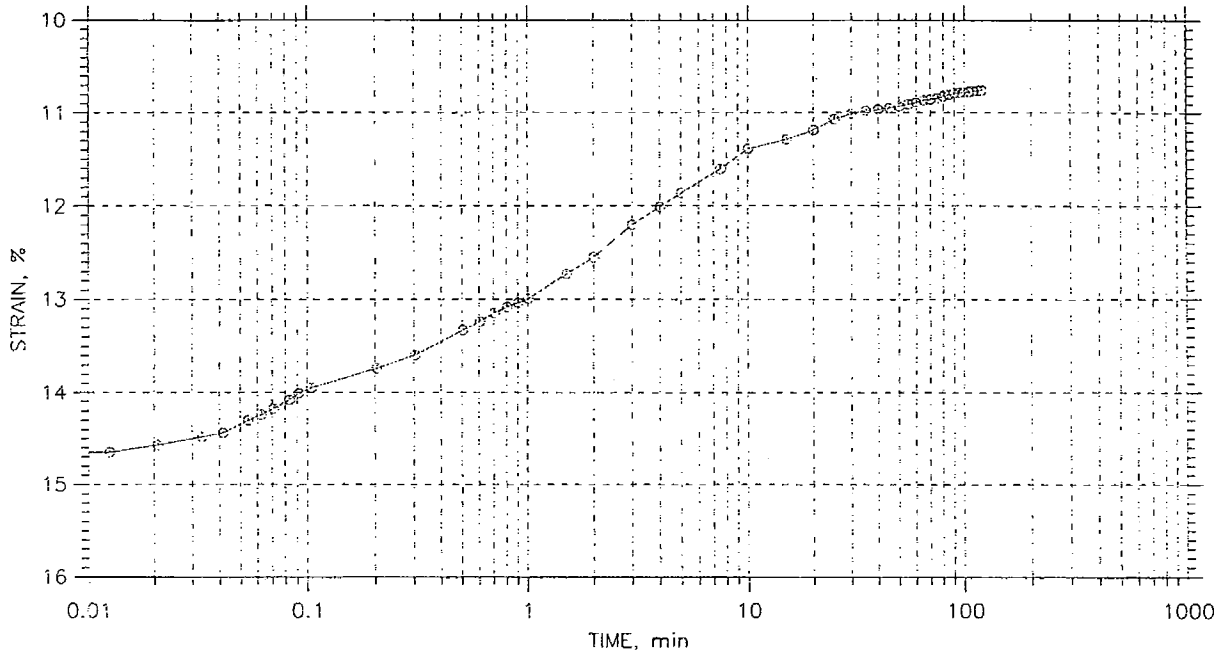
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

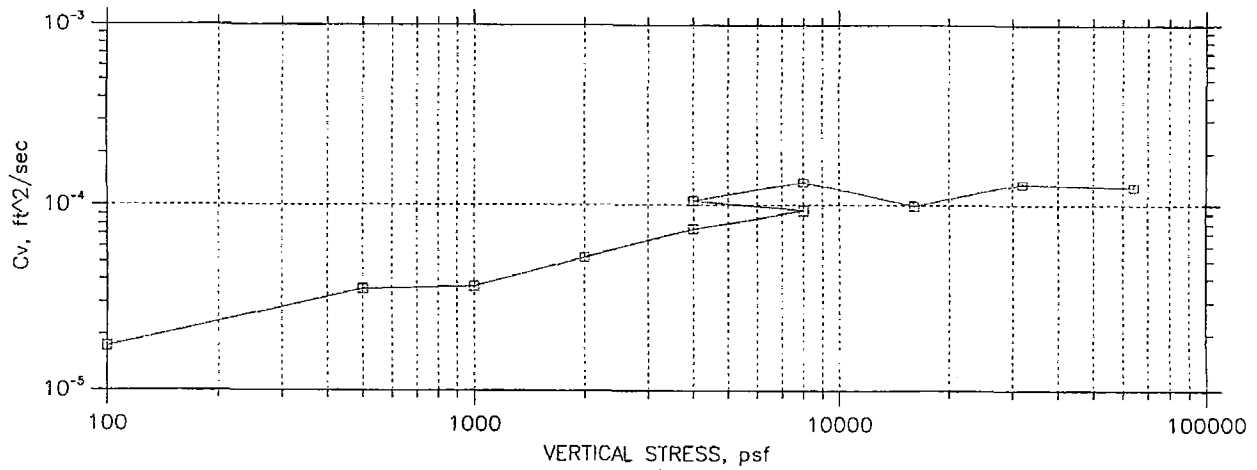
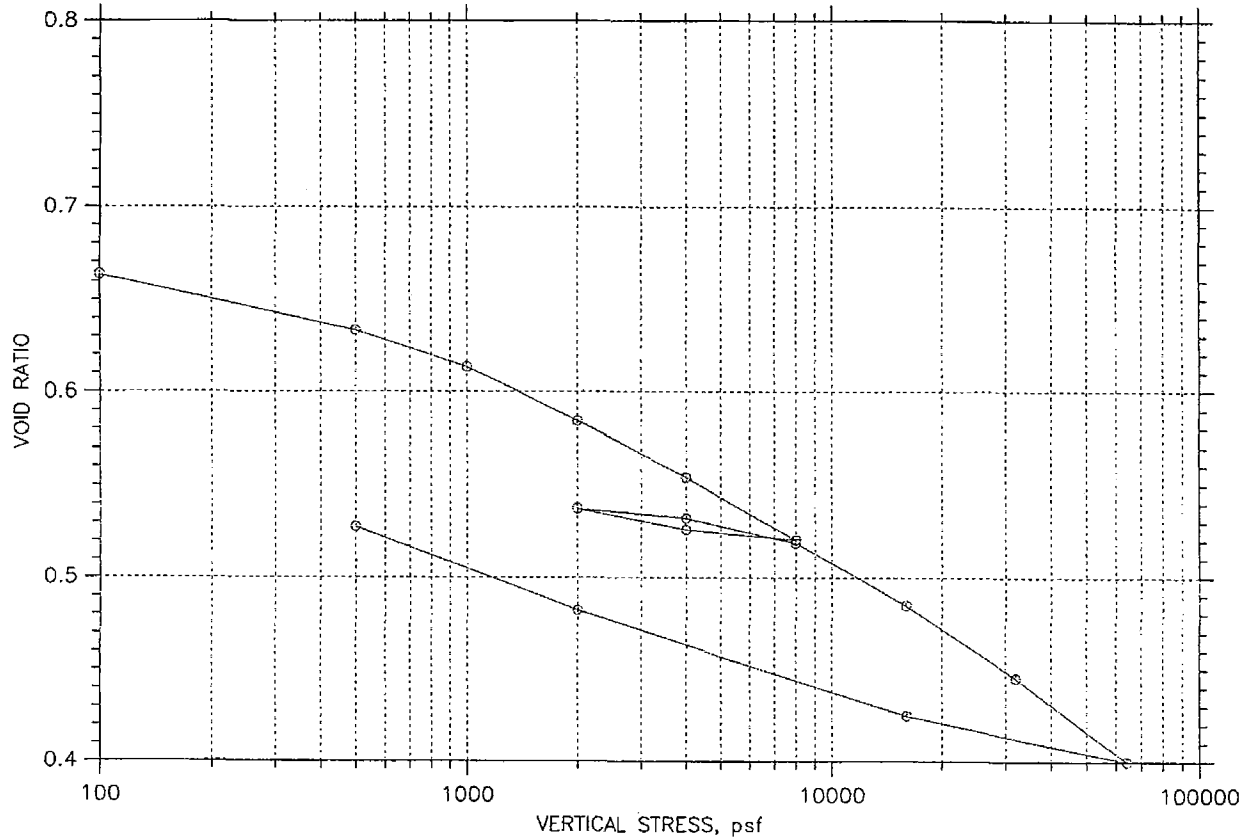
Constant Load Step: 16 of 16

Stress: 500. psf



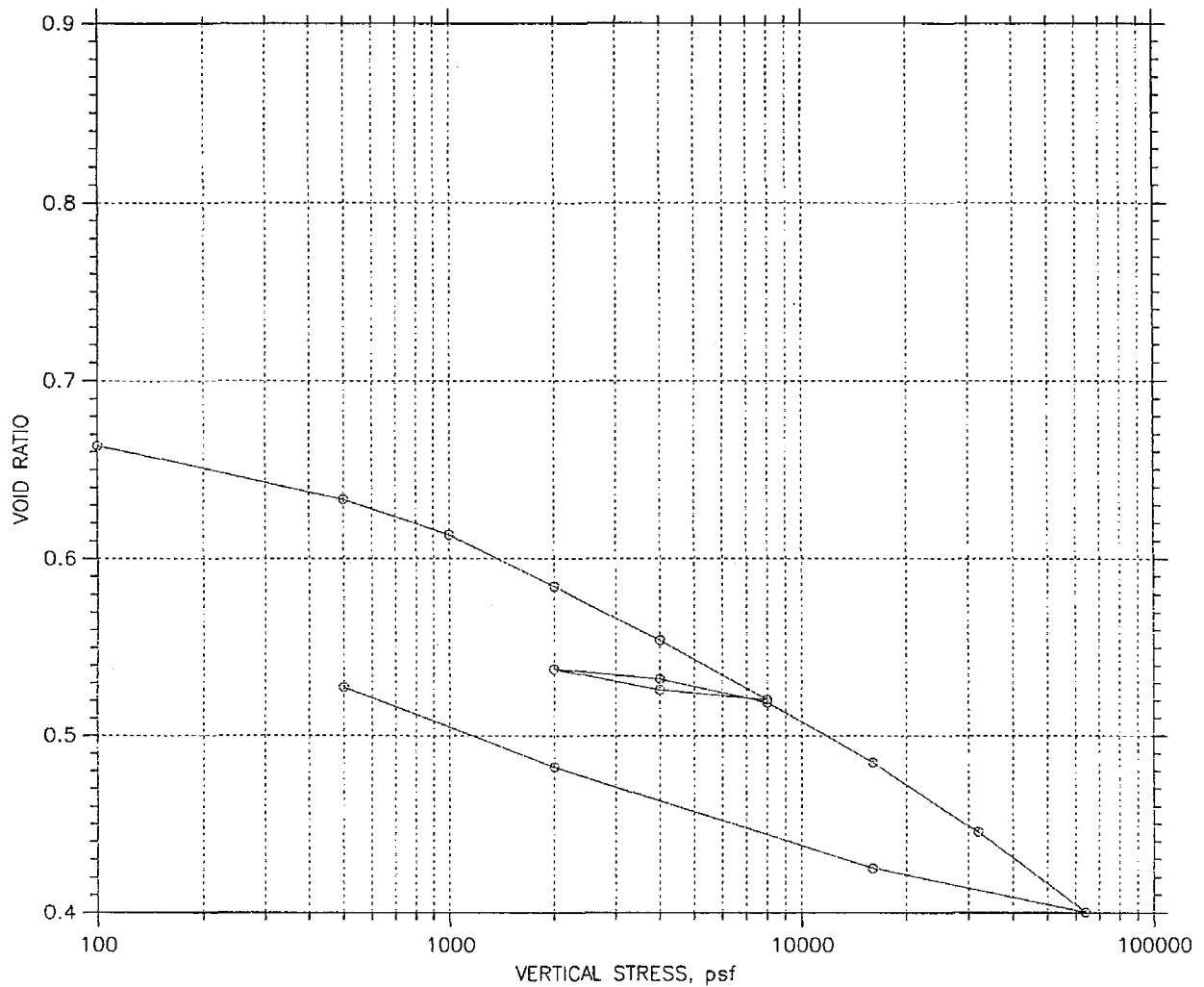
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/20/06	Depth: 28.5 Ft.
	Test No.: 5394	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf		Water Content, %		19.63	19.14
Preconsolidation Pressure: 3550 psf		Dry Unit Weight, pcf		102.8	112.2
Compression Index: 0.15		Saturation, %		80.77	99.59
Diameter: 2.5 in	Height: 1 in	Void Ratio		0.67	0.53
LL: NP	PL: NP	PI: NP	GS: 2.75		

MACTEC	Project: SCE&G COL		Location:	Project No.: 6234063534S	
	Boring No.: B-319		Tested By: HJ		Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-4		Test Date: 9/22/06		Depth: 38.5 Ft.
	Test No.: 5395		Sample Type: Shelby Tube		Elevation: N/A
	Description: Silty Sand				
	Remarks: Cr = 0.04				

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-319
 Sample No.: UD-4
 Test No.: 5395

Location:
 Tested By: HJ
 Test Date: 9/22/06
 Sample Type: Shelby Tube

Project No.: 6234063534S
 Checked By: JL
 Depth: 38.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.04

Measured Specific Gravity: 2.75
 Initial Void Ratio: 0.67
 Final Void Ratio: 0.53

Liquid Limit: NP
 Plastic Limit: NP
 Plasticity Index: NP

Initial Height: 1.00 in
 Specimen Diameter: 2.50 in

Container ID	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
		RING		
Wt. Container + Wet Soil, gm	158.44	304.65	304	304
Wt. Container + Dry Soil, gm	132.44	278.65	278.65	278.65
Wt. Container, gm	0	146.21	146.21	146.21
Wt. Dry Soil, gm	132.44	132.44	132.44	132.44
Water Content, %	19.63	19.63	19.14	19.14
Void Ratio	---	0.67	0.53	---
Degree of Saturation, %	---	80.77	99.59	---
Dry Unit Weight, pcf	---	102.78	112.18	---

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-319
 Sample No.: UD-4
 Test No.: 5395

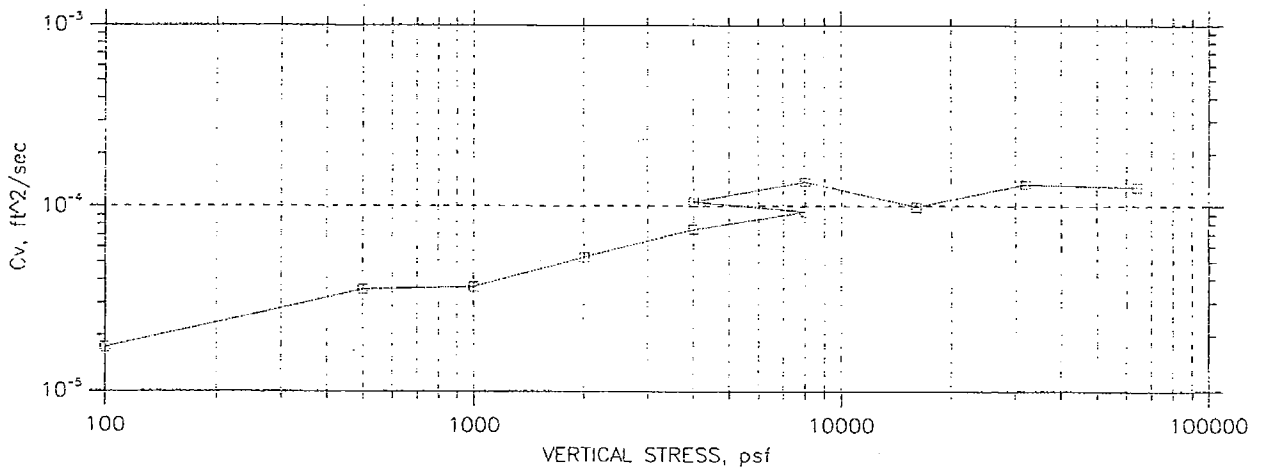
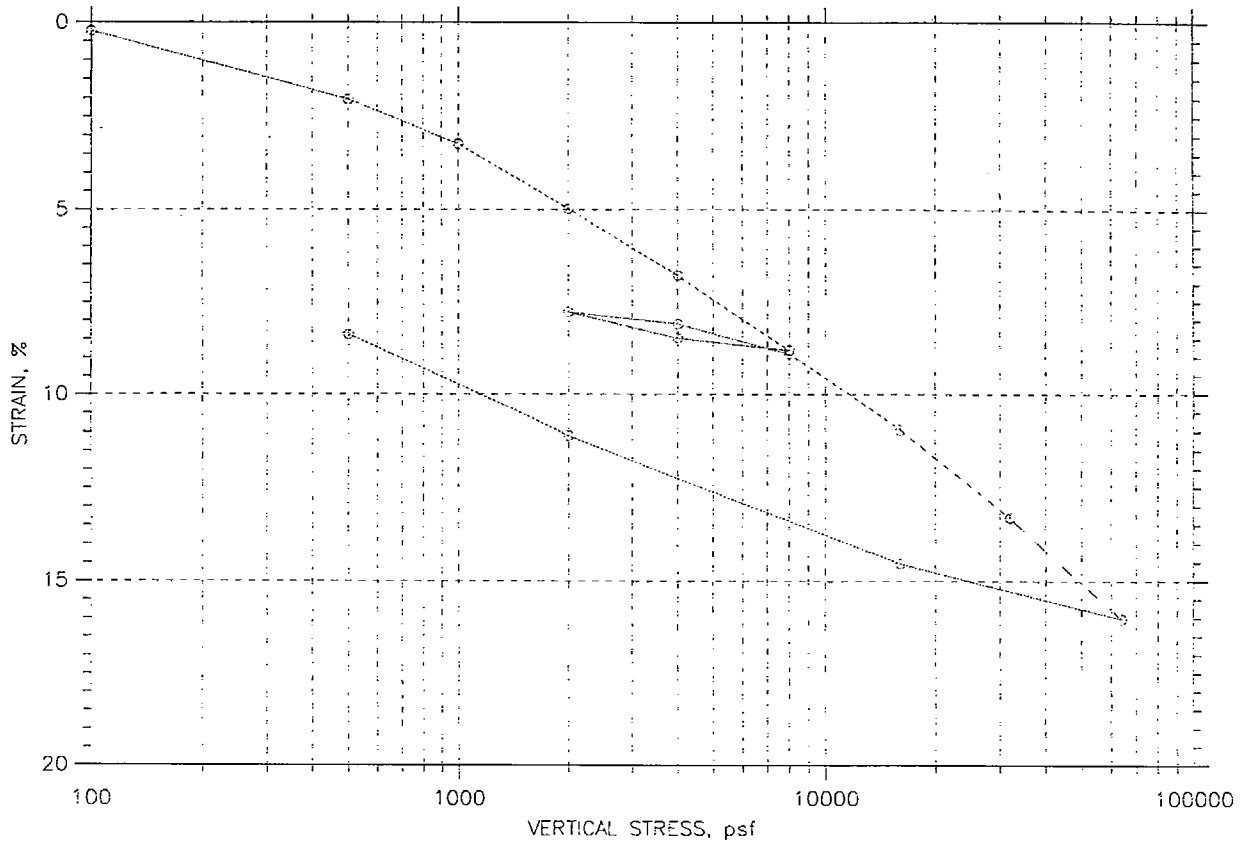
Location:
 Tested By: HJ
 Test Date: 9/22/06
 Sample Type: Shelby Tube

Project No.: 6234063534S
 Checked By: JL
 Depth: 38.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.04

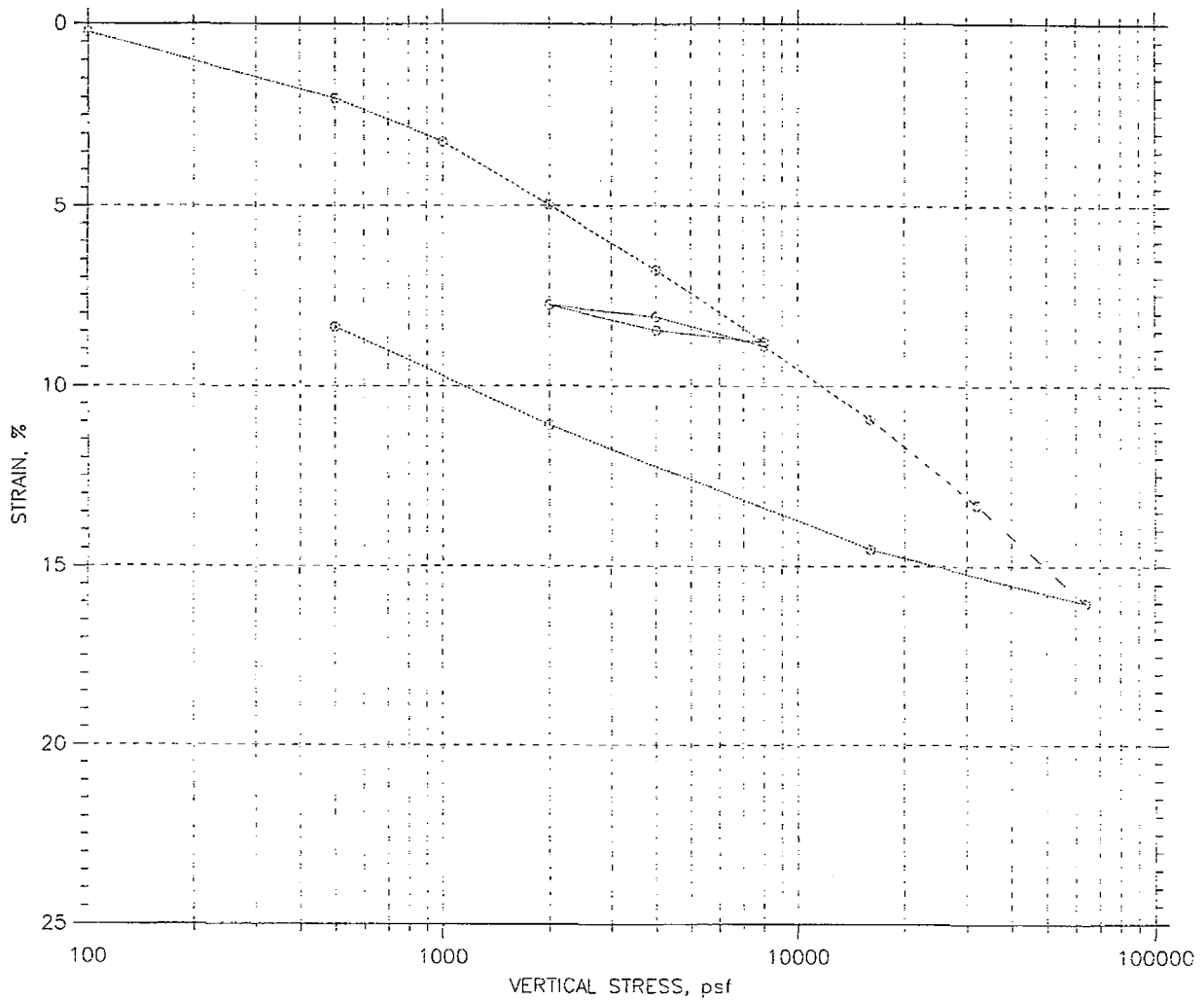
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.002258	0.663	0.23	0.3	0.3	1.78e-005	1.68e-005	1.73e-005
2	500	0.02041	0.633	2.04	0.2	0.1	3.36e-005	3.73e-005	3.54e-005
3	1e+003	0.03233	0.613	3.23	0.2	0.1	3.22e-005	4.19e-005	3.64e-005
4	2e+003	0.04973	0.584	4.97	0.1	0.1	5.40e-005	5.12e-005	5.26e-005
5	4e+003	0.06785	0.554	6.78	0.1	0.1	7.11e-005	7.83e-005	7.45e-005
6	8e+003	0.08798	0.521	8.80	0.1	0.0	8.97e-005	9.89e-005	9.41e-005
7	4e+003	0.08467	0.526	8.47	0.0	0.0	1.40e-004	0.00e+000	1.40e-004
8	2e+003	0.07766	0.538	7.77	0.1	0.0	7.64e-005	0.00e+000	7.64e-005
9	4e+003	0.08093	0.532	8.09	0.0	0.0	1.05e-004	0.00e+000	1.05e-004
10	8e+003	0.08899	0.519	8.90	0.0	0.0	1.37e-004	0.00e+000	1.37e-004
11	1.6e+004	0.1094	0.485	10.94	0.1	0.0	8.75e-005	1.14e-004	9.91e-005
12	3.2e+004	0.133	0.445	13.30	0.0	0.0	1.33e-004	0.00e+000	1.33e-004
13	6.4e+004	0.1602	0.400	16.02	0.0	0.0	1.28e-004	0.00e+000	1.28e-004
14	1.6e+004	0.1453	0.425	14.53	0.0	0.0	1.28e-004	0.00e+000	1.28e-004
15	2e+003	0.1109	0.482	11.09	0.1	0.0	6.59e-005	8.87e-005	7.56e-005
16	500	0.08376	0.528	8.38	0.4	0.4	1.16e-005	1.24e-005	1.20e-005

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063524S
	Boring No.: B-319	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 0 psf				Water Content, %	19.63	19.14
Preconsolidation Pressure: 3550 psf				Dry Unit Weight, pcf	102.8	112.2
Compression Index: 0.15				Saturation, %	80.77	99.59
Diameter: 2.5 in		Height: 1 in		Void Ratio	0.67	0.53
LL: NP	PL: NP	PI: NP	GS: 2.75			

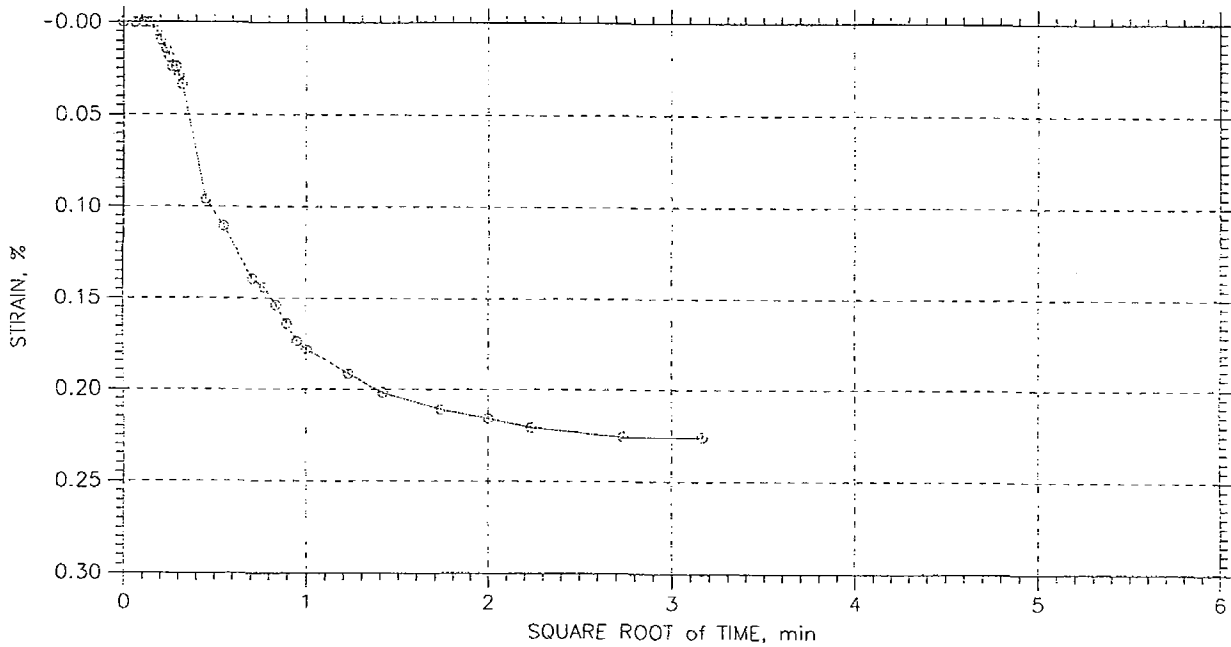
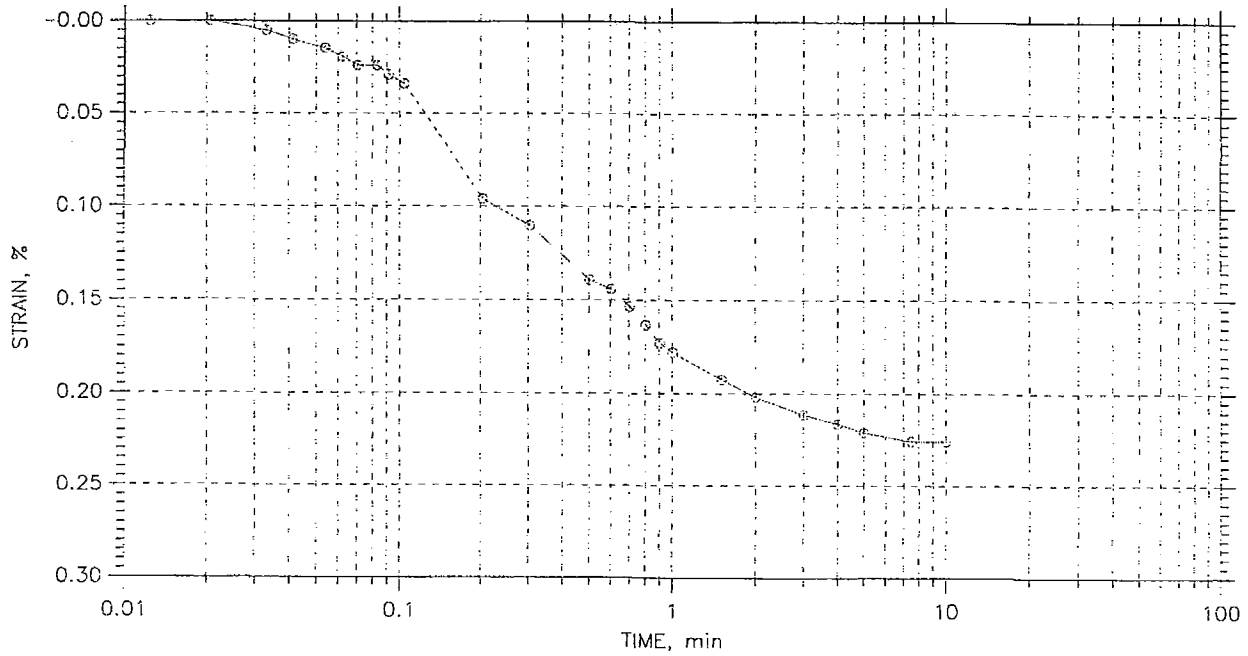
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063539S
	Boring No.: B-319	Tested By: HJ	Checked By: JL <i>JL 11/24/06</i>
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 16

Stress: 100. psf



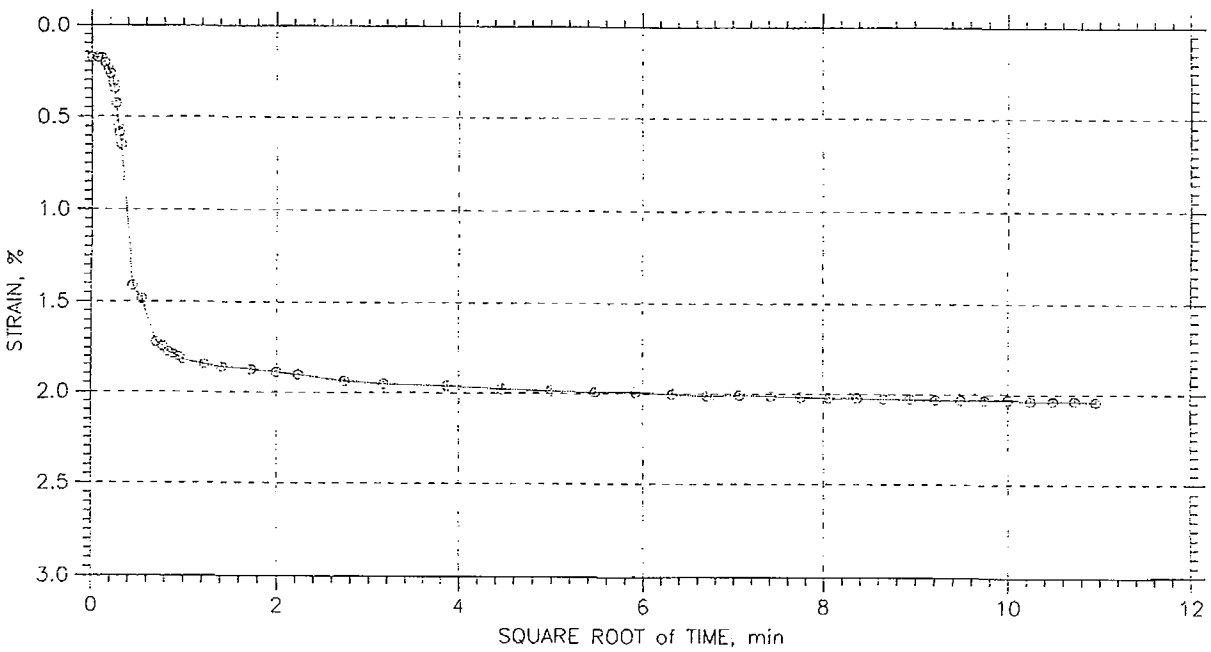
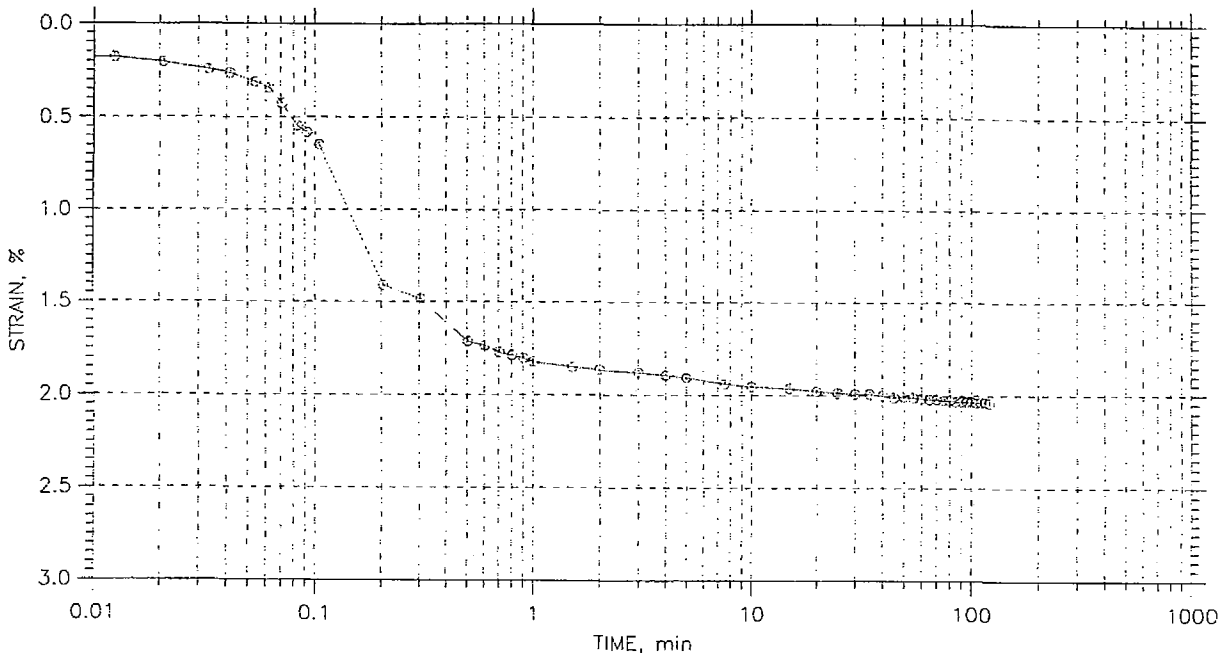
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 16

Stress: 500. psf



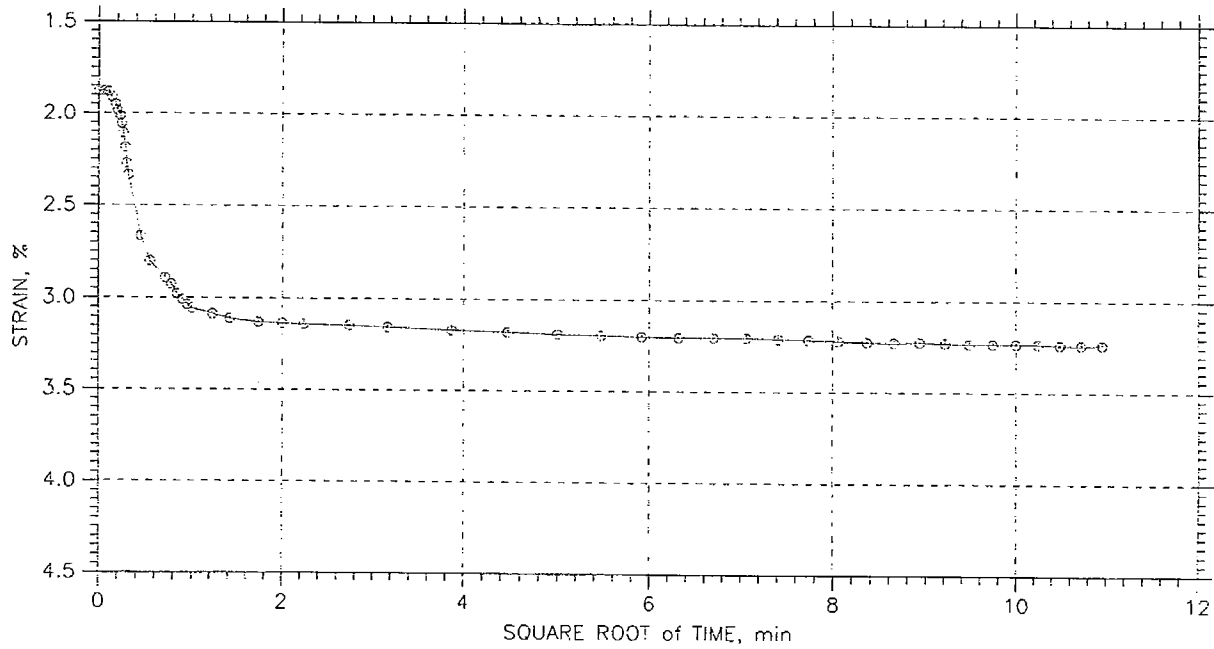
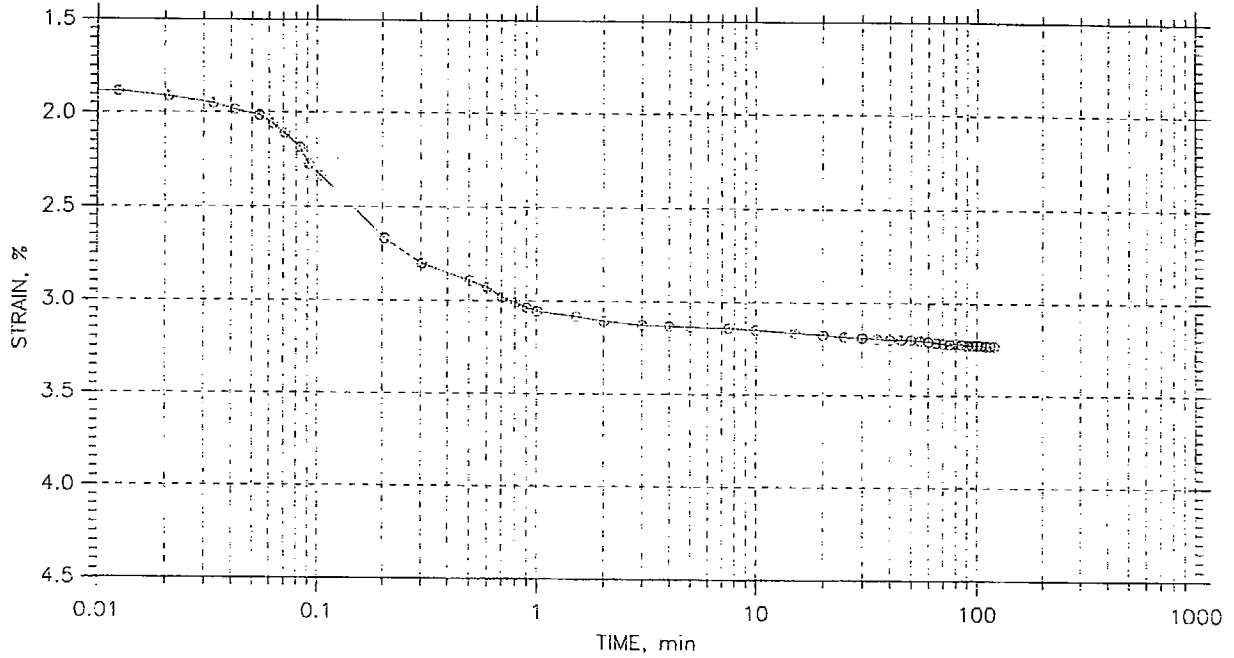
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 16

Stress: 1000. psf



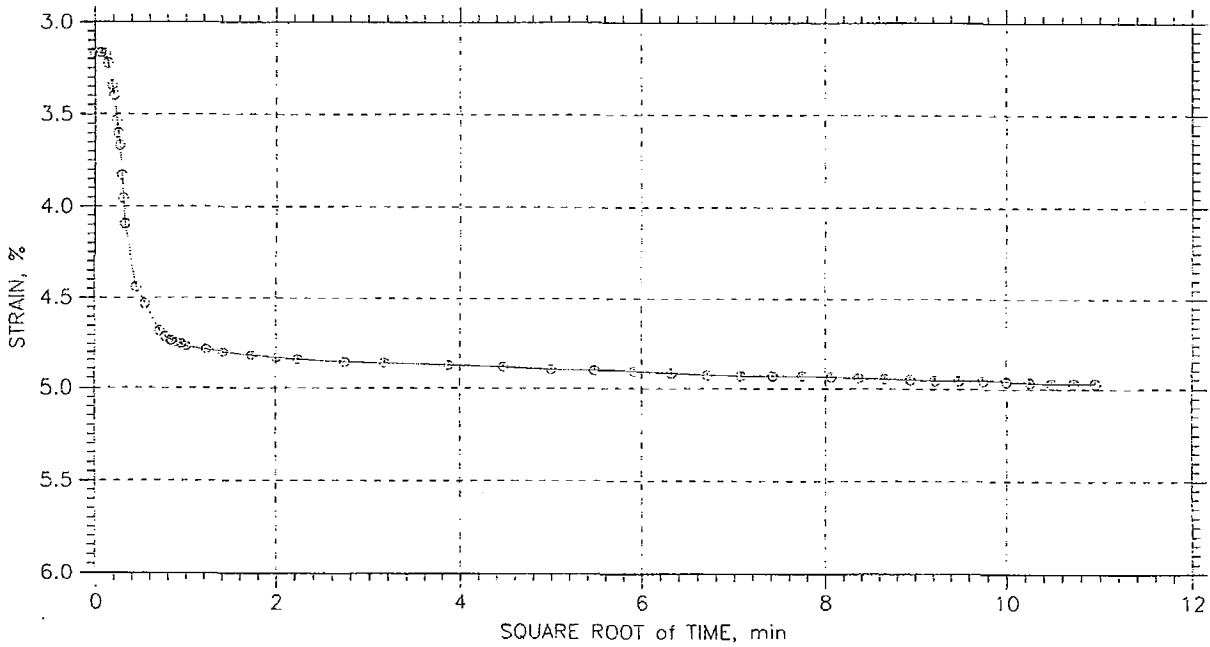
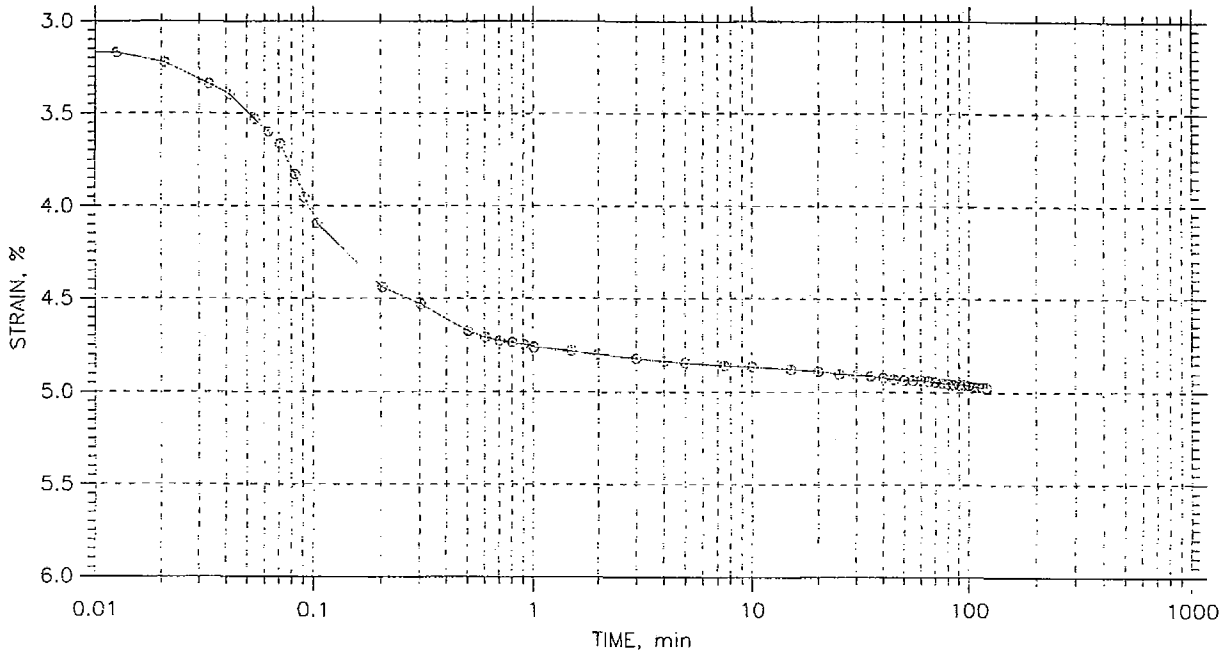
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 16

Stress: 2000. psf



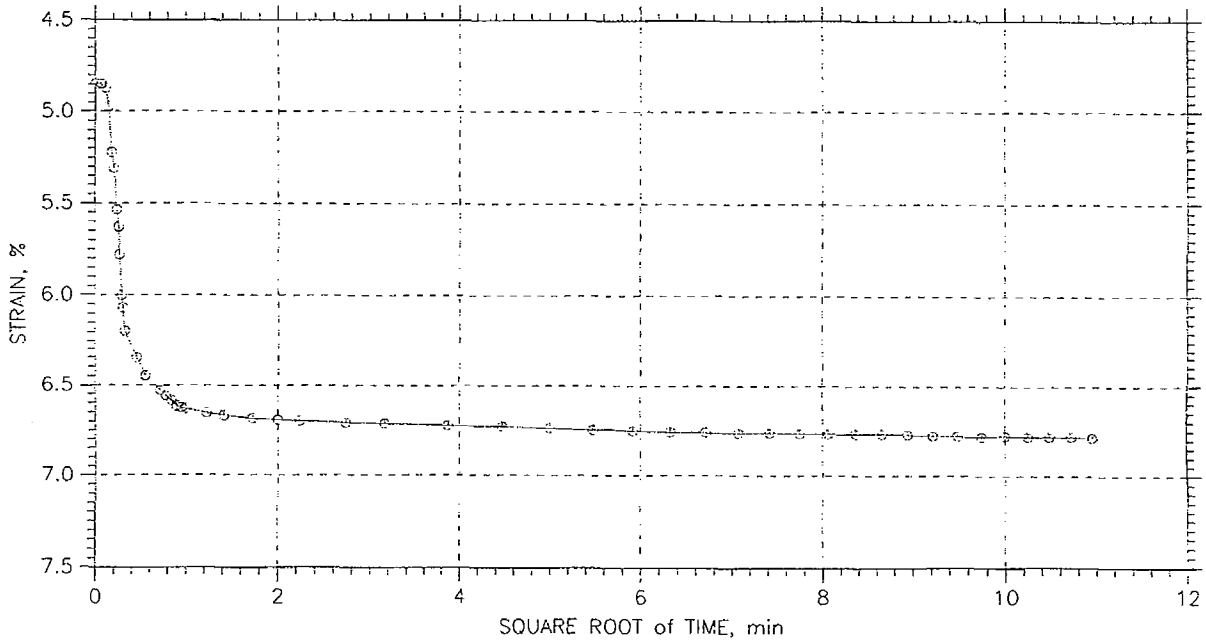
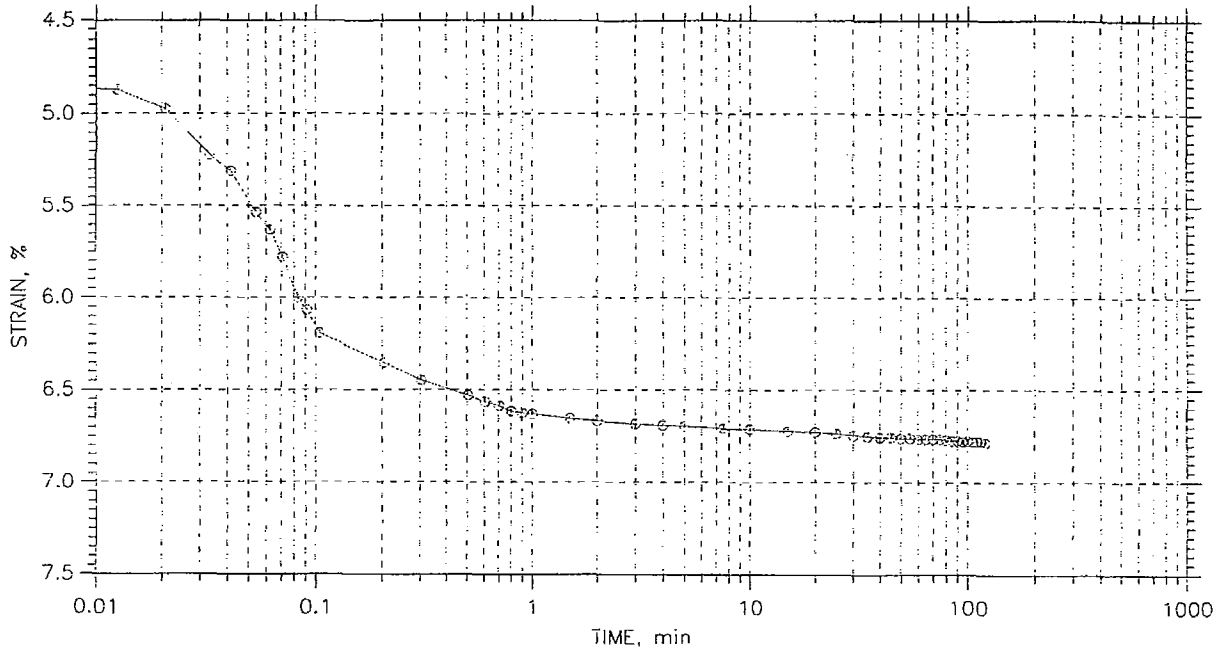
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 16

Stress: 4000. psf



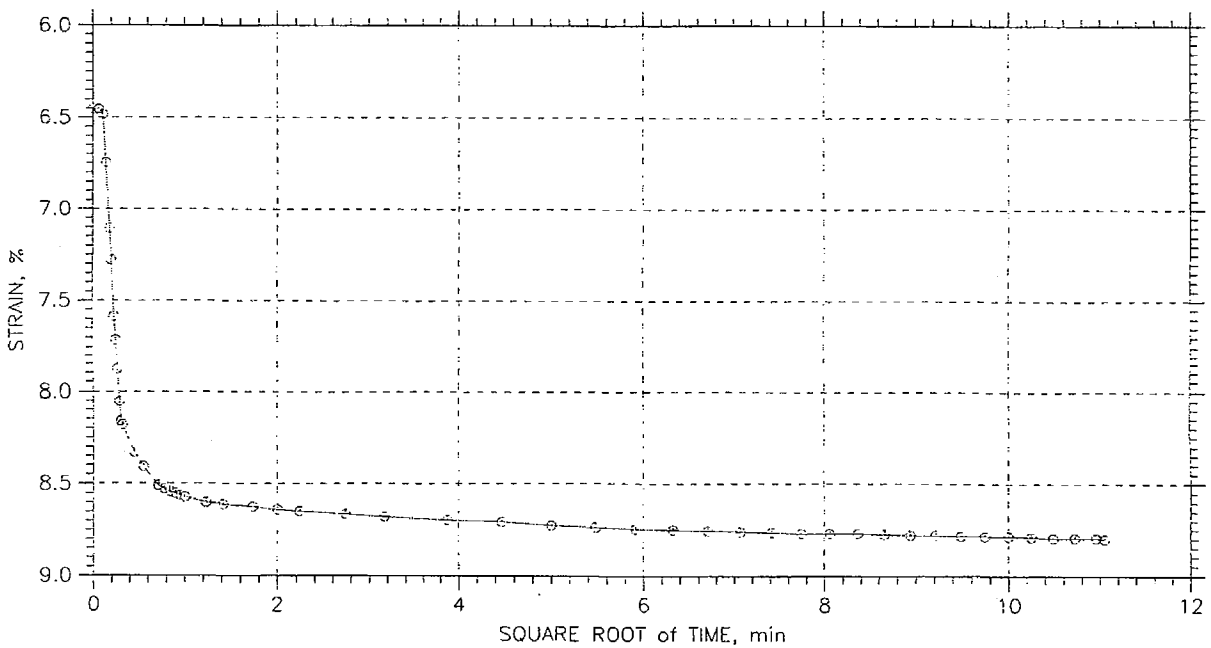
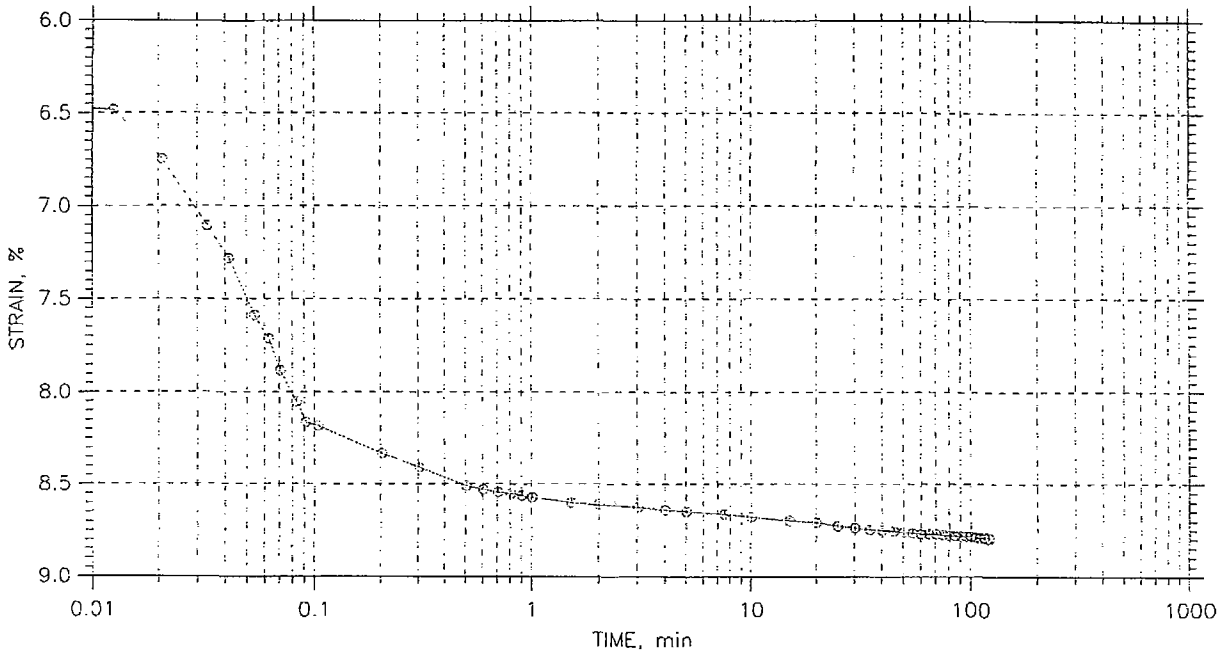
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 16

Stress: 8000. psf



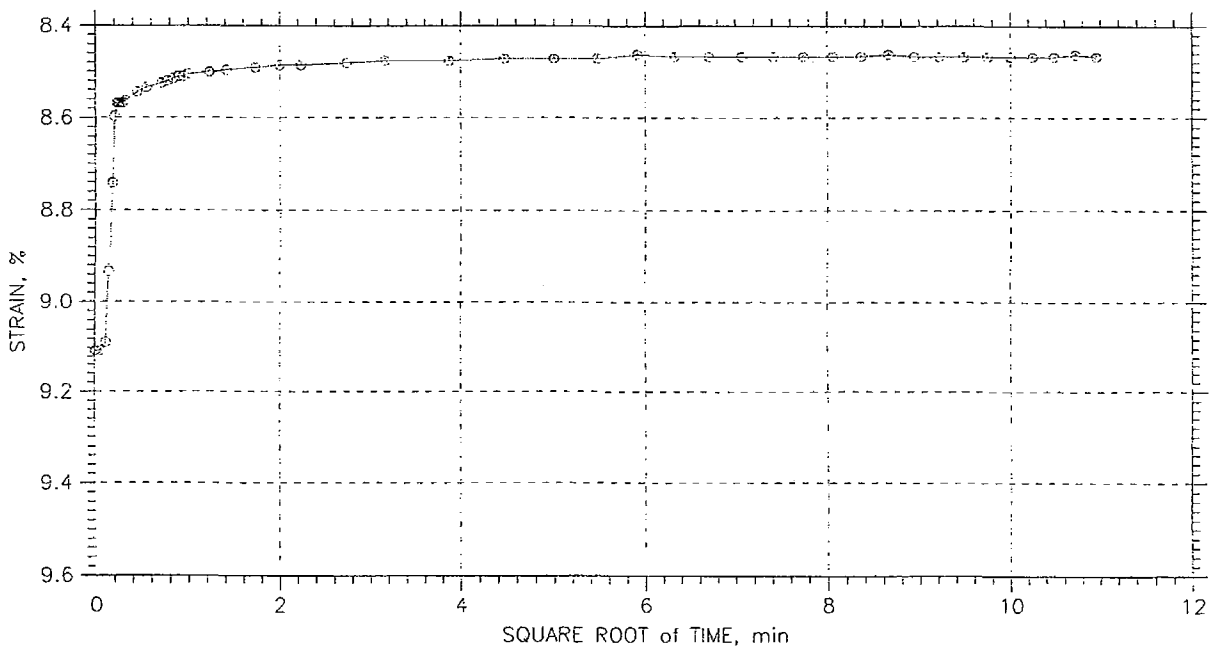
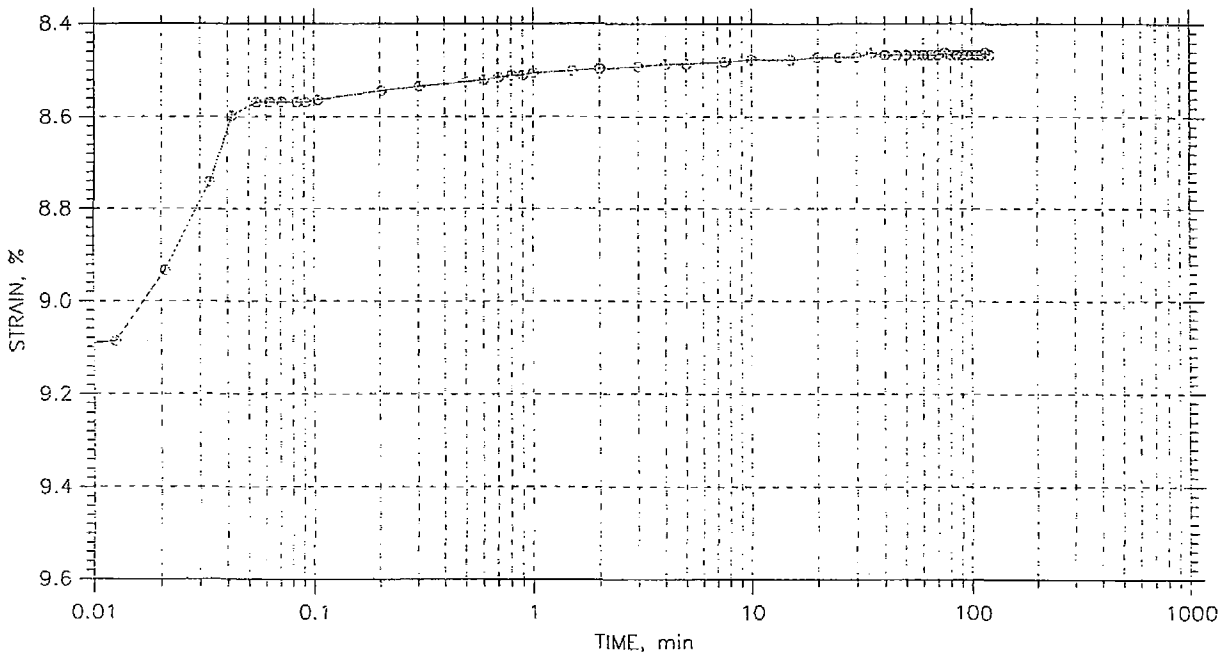
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 16

Stress: 4000. psf



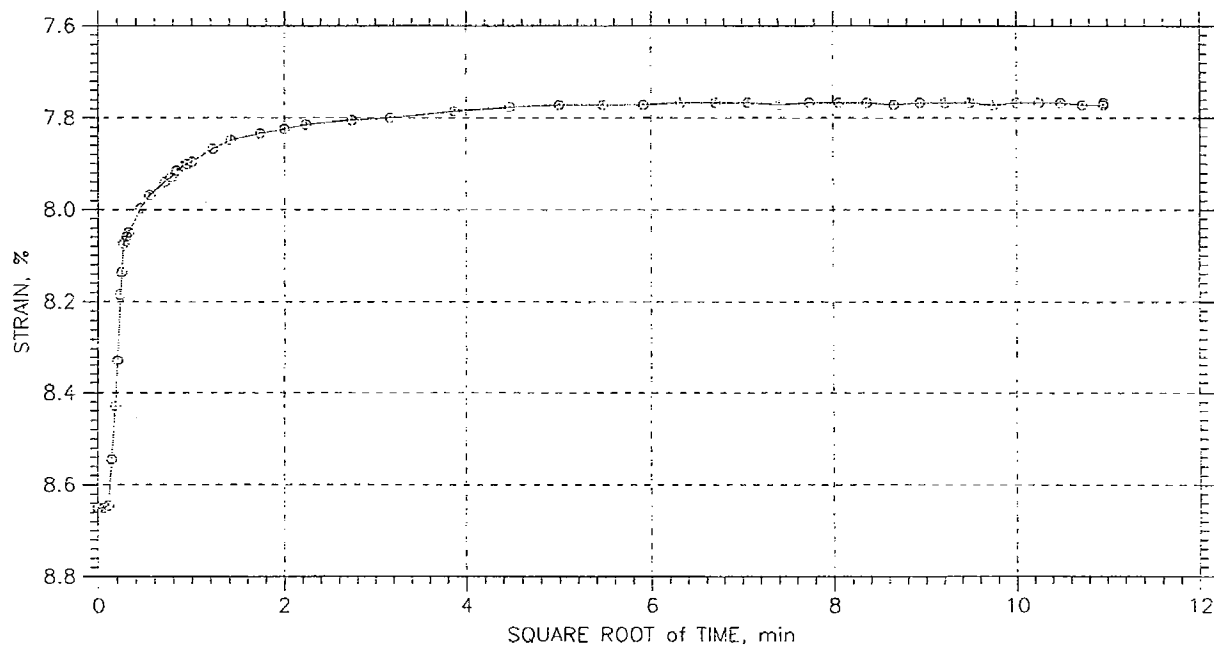
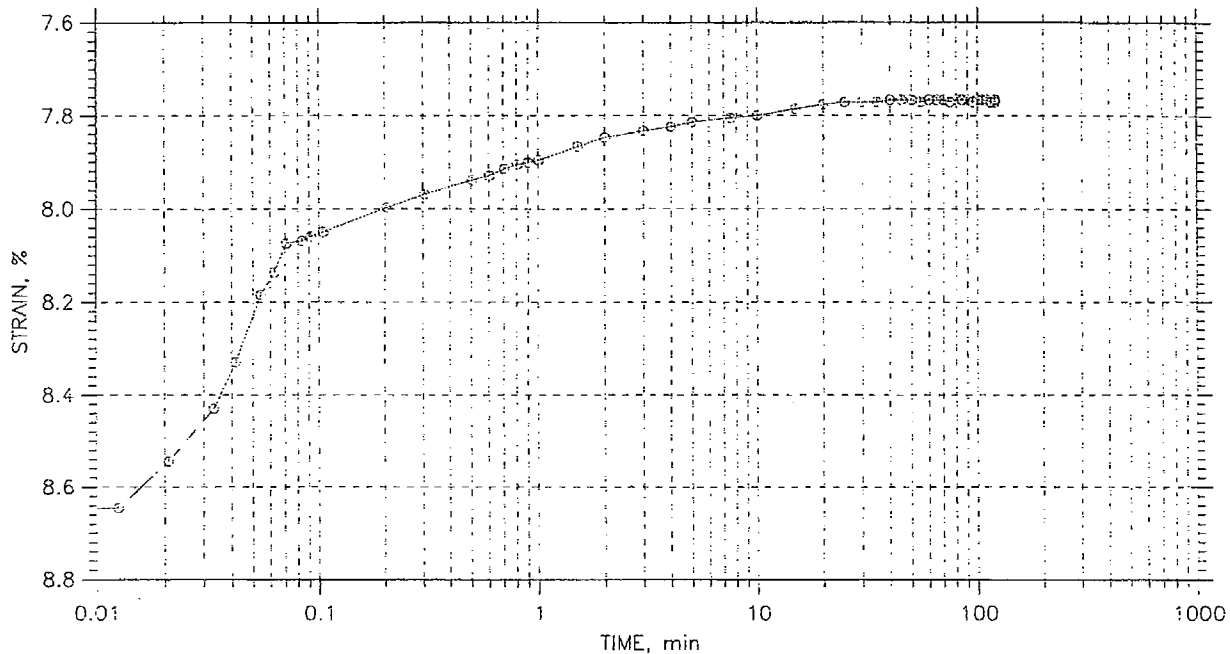
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 16

Stress: 2000. psf



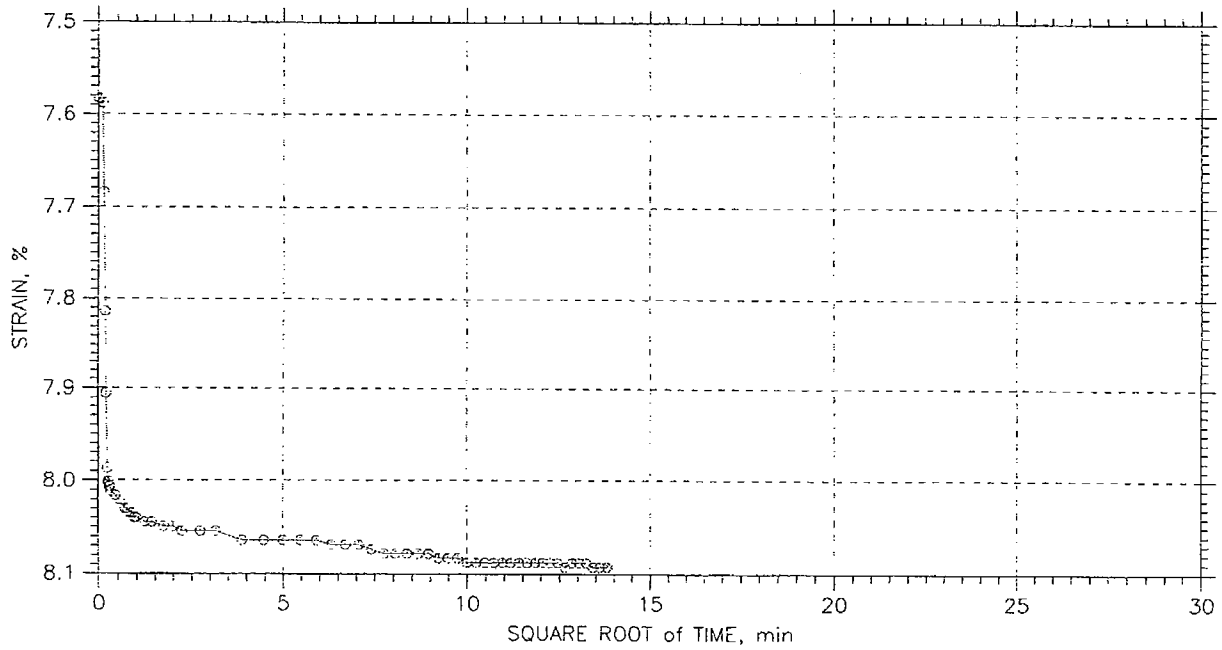
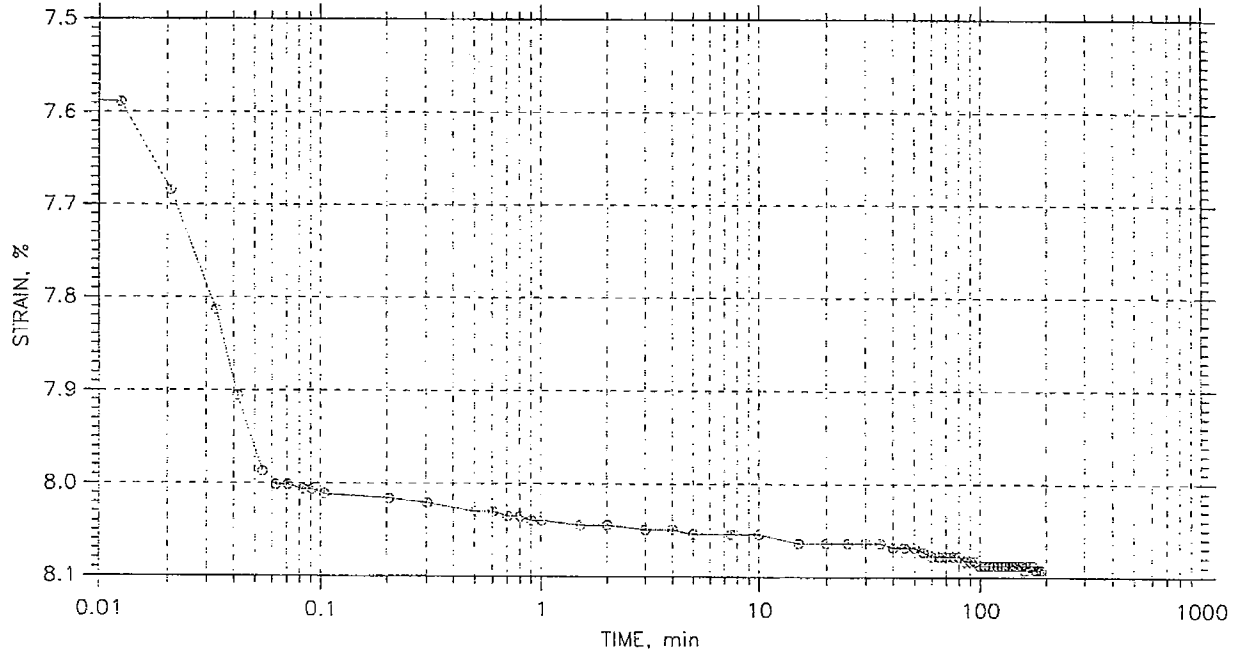
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 16

Stress: 4000. psf



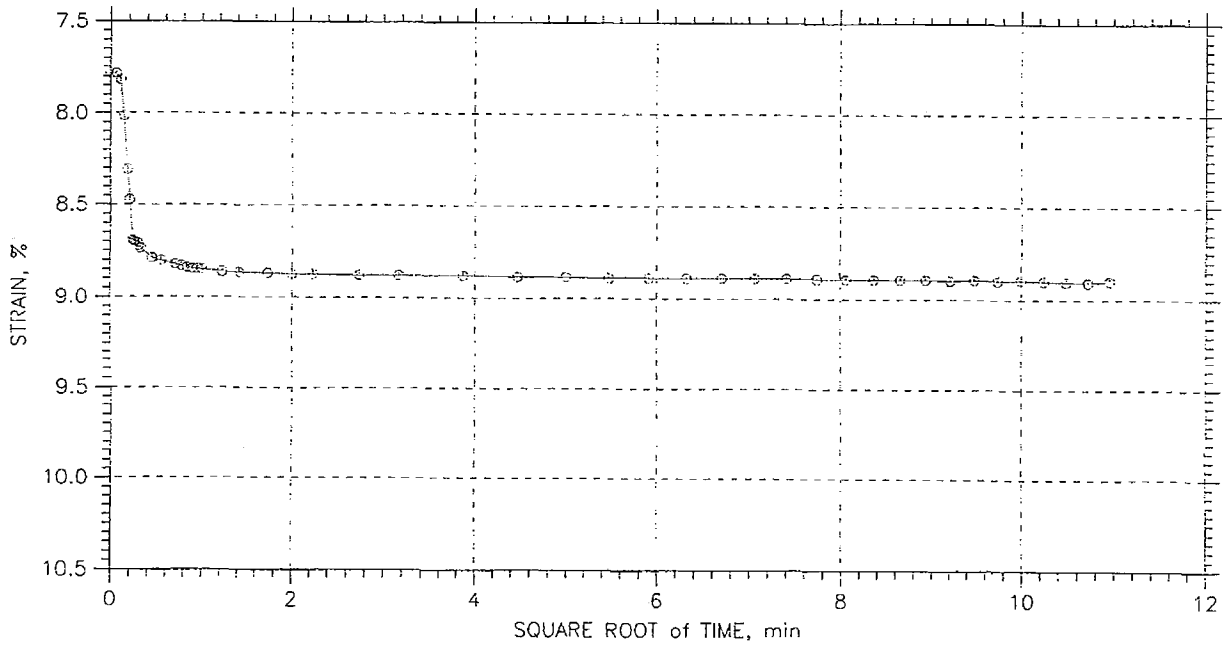
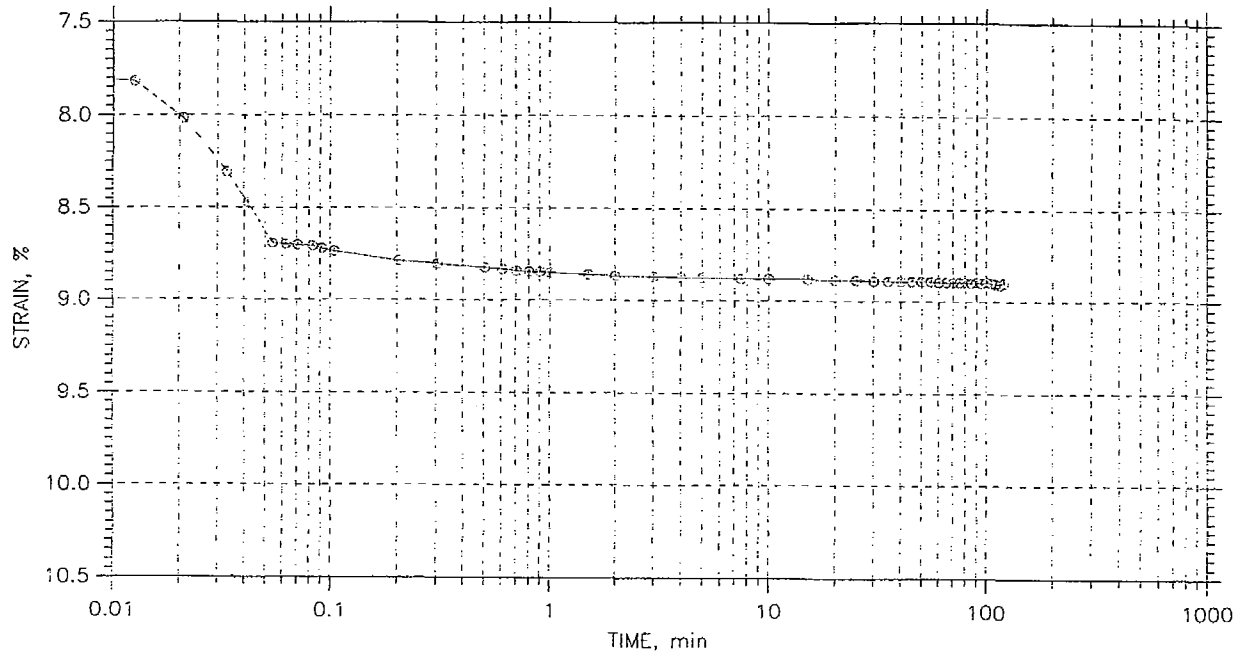
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 16

Stress: 8000. psf



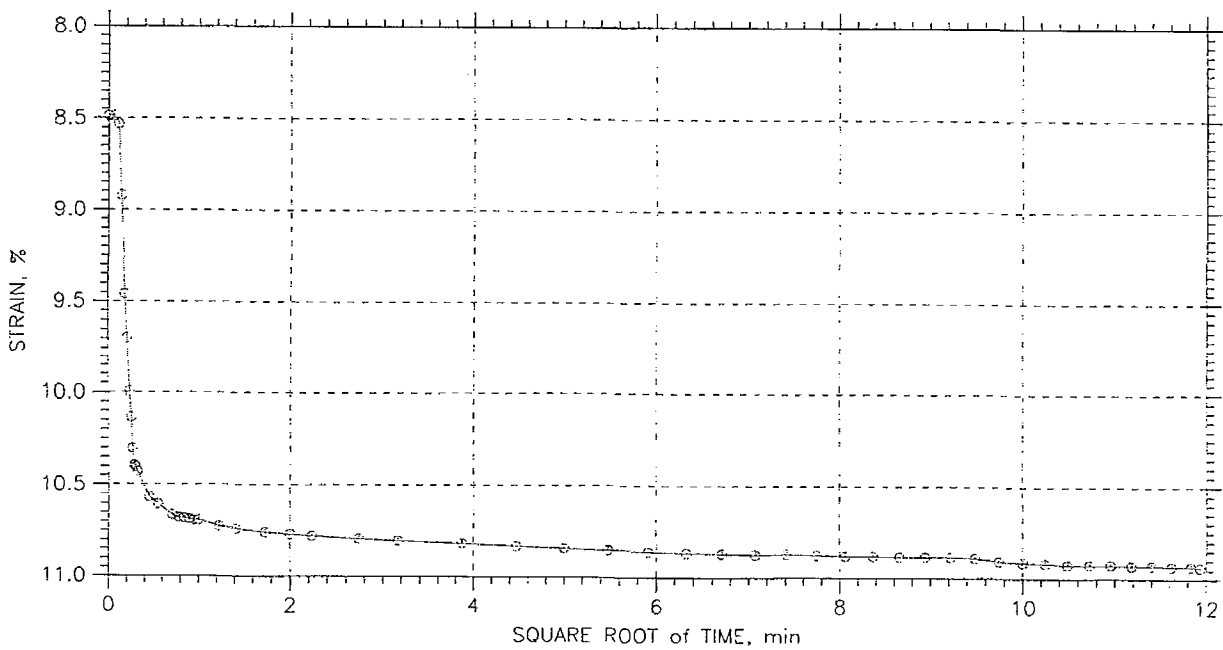
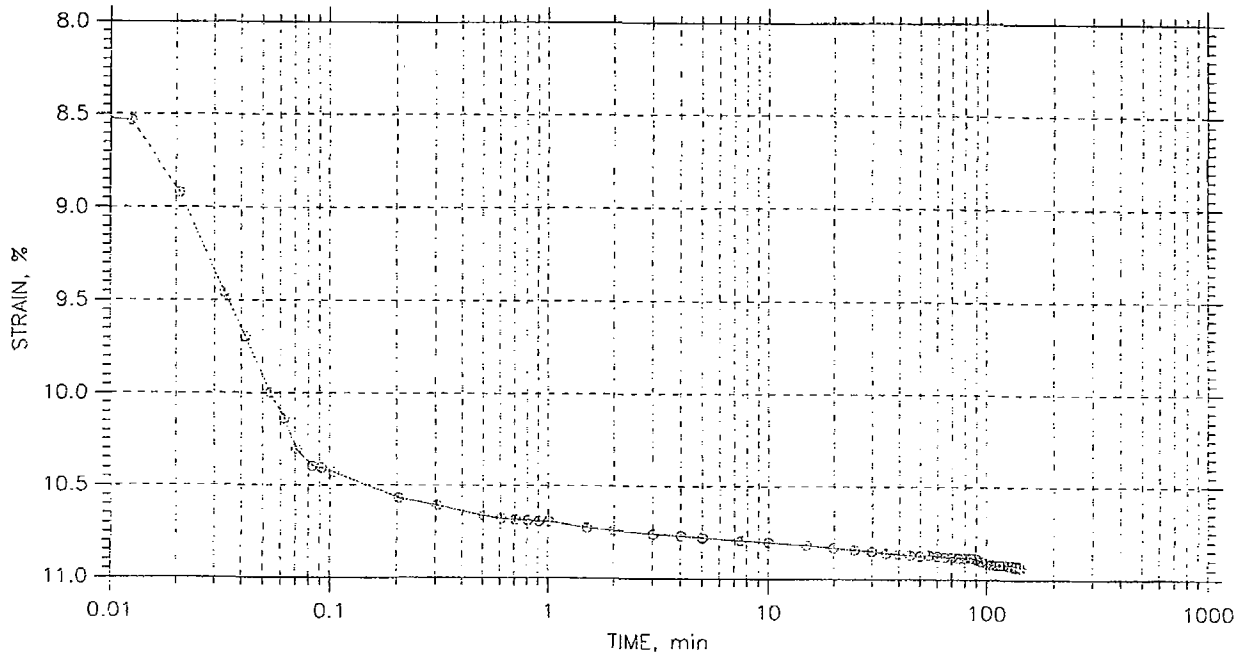
MACTEC	Project: SCE&G COL	Location:	Project No.: 62340635345
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 16

Stress: 16000 psf



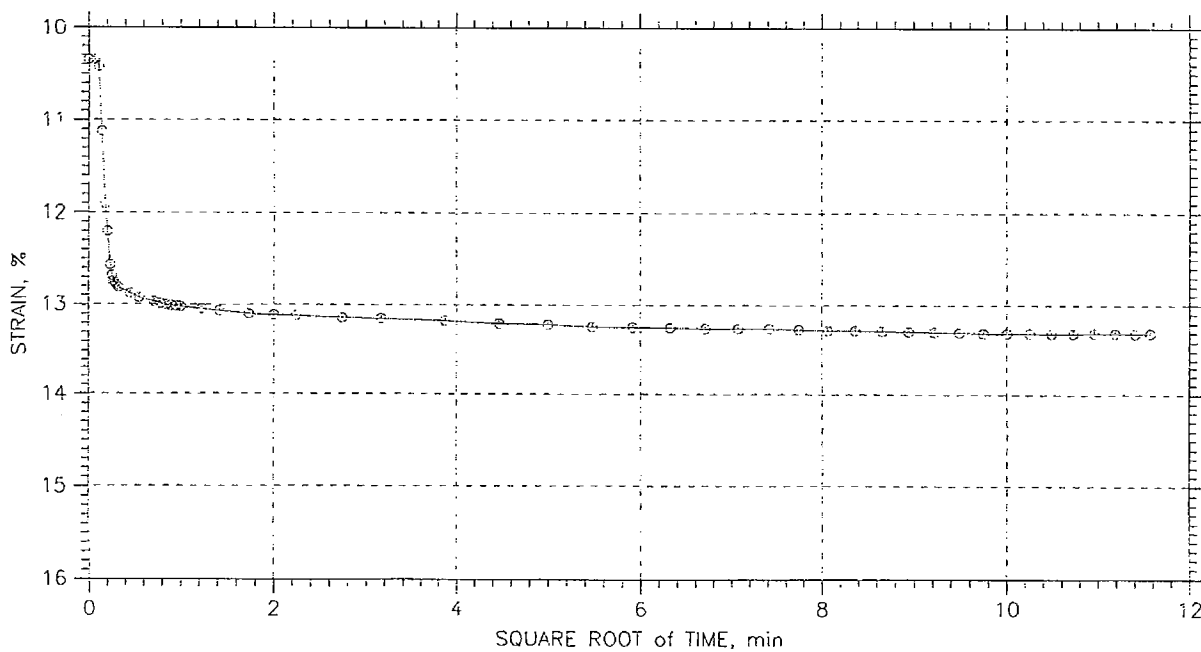
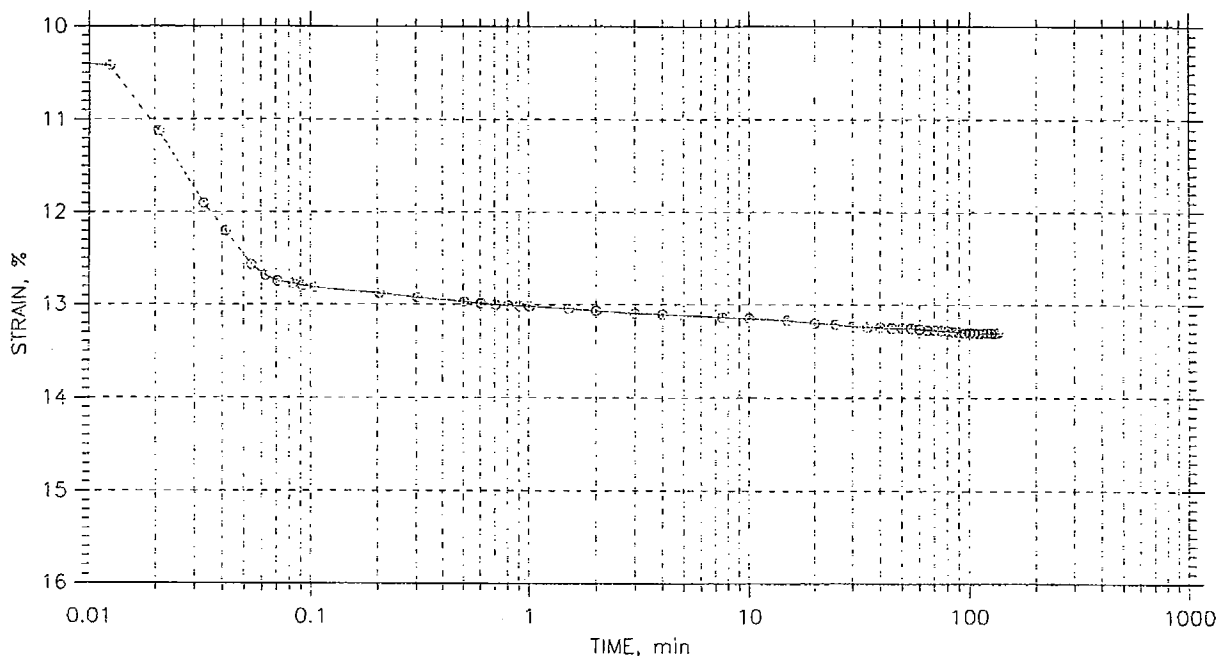
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 16

Stress: 32000 psf



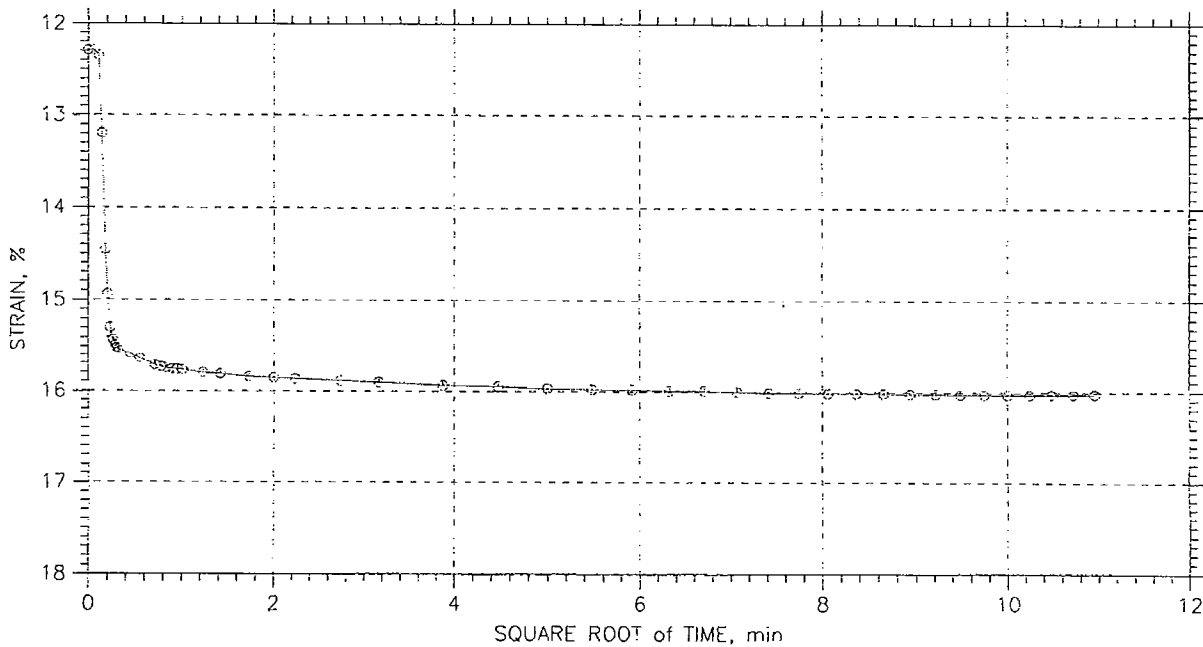
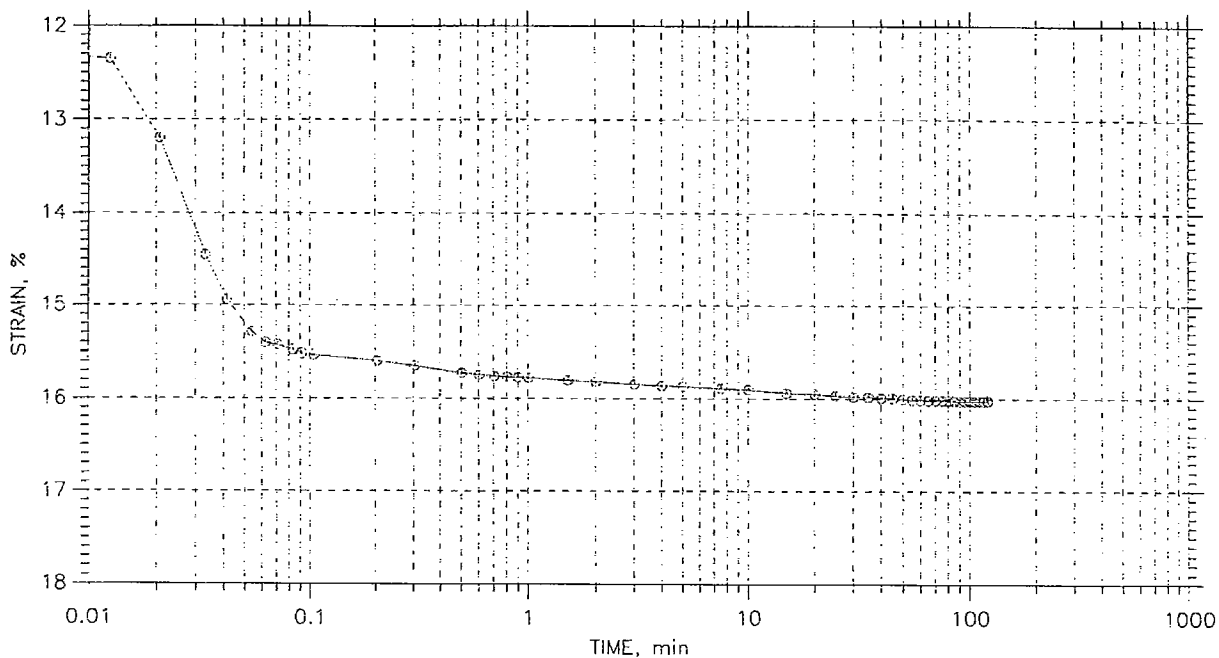
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 16

Stress: 64000 psf



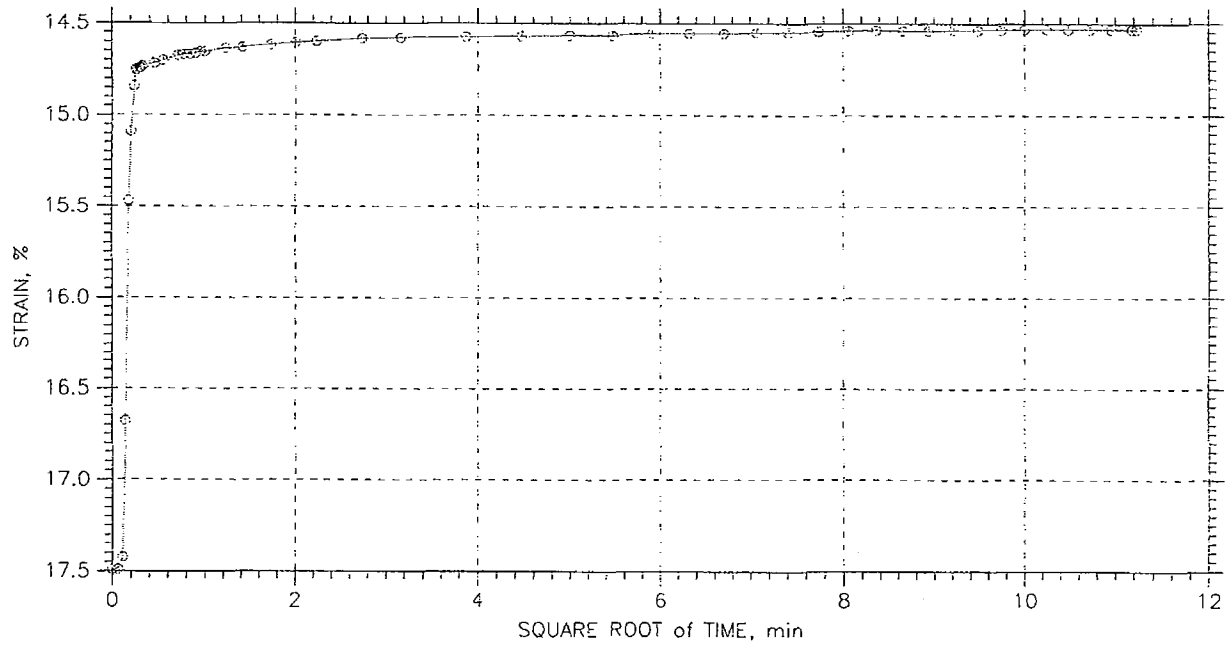
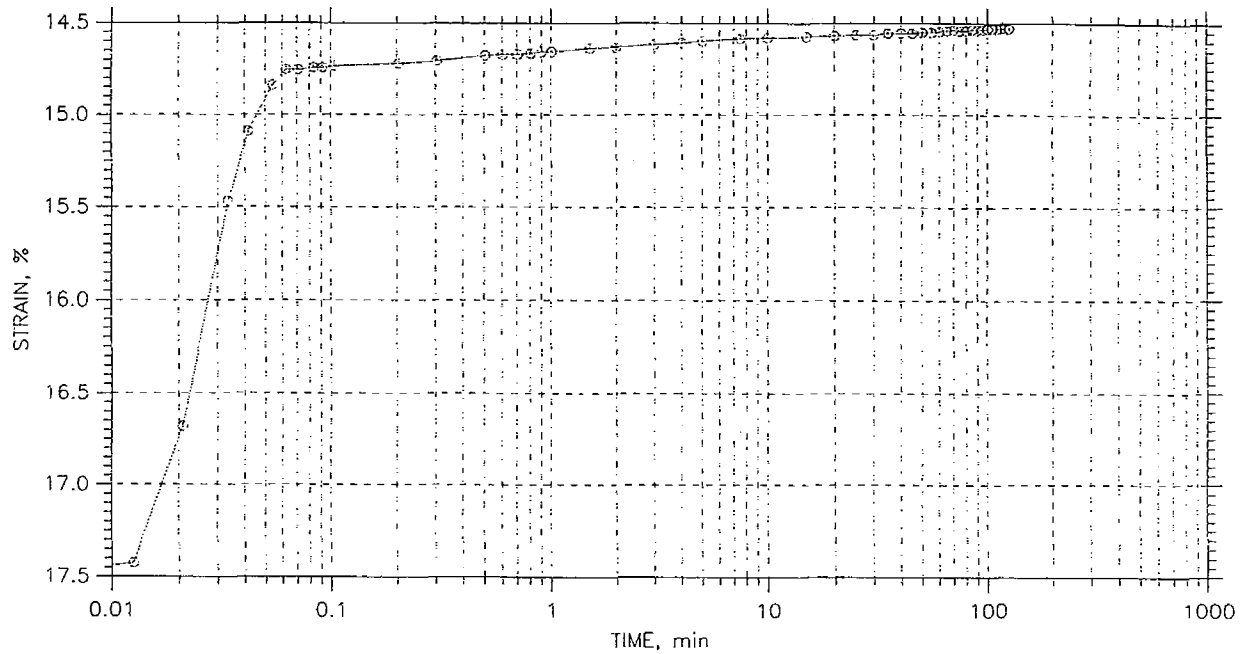
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 16

Stress: 16000 psf



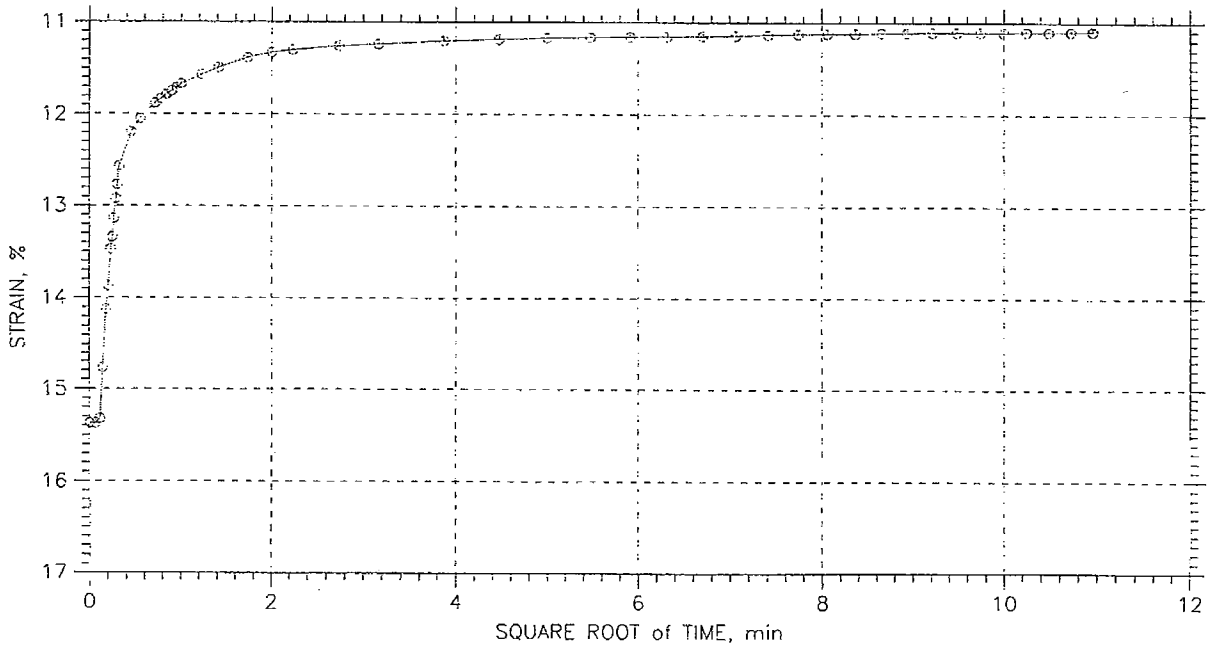
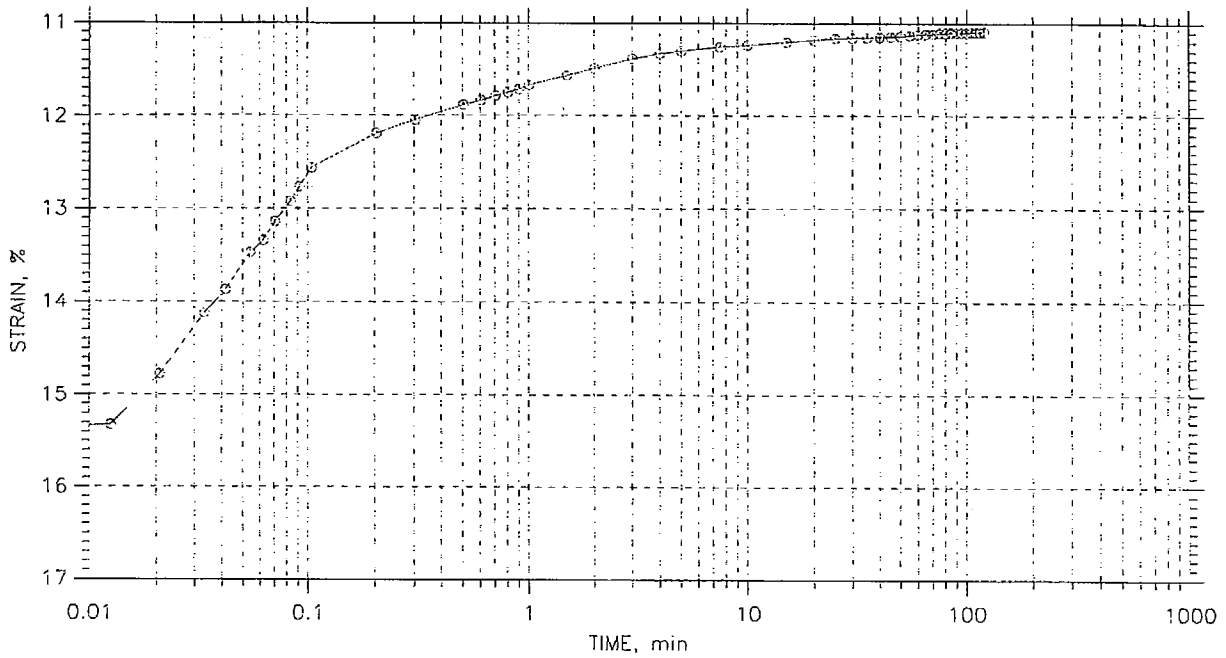
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 16

Stress: 2000. psf



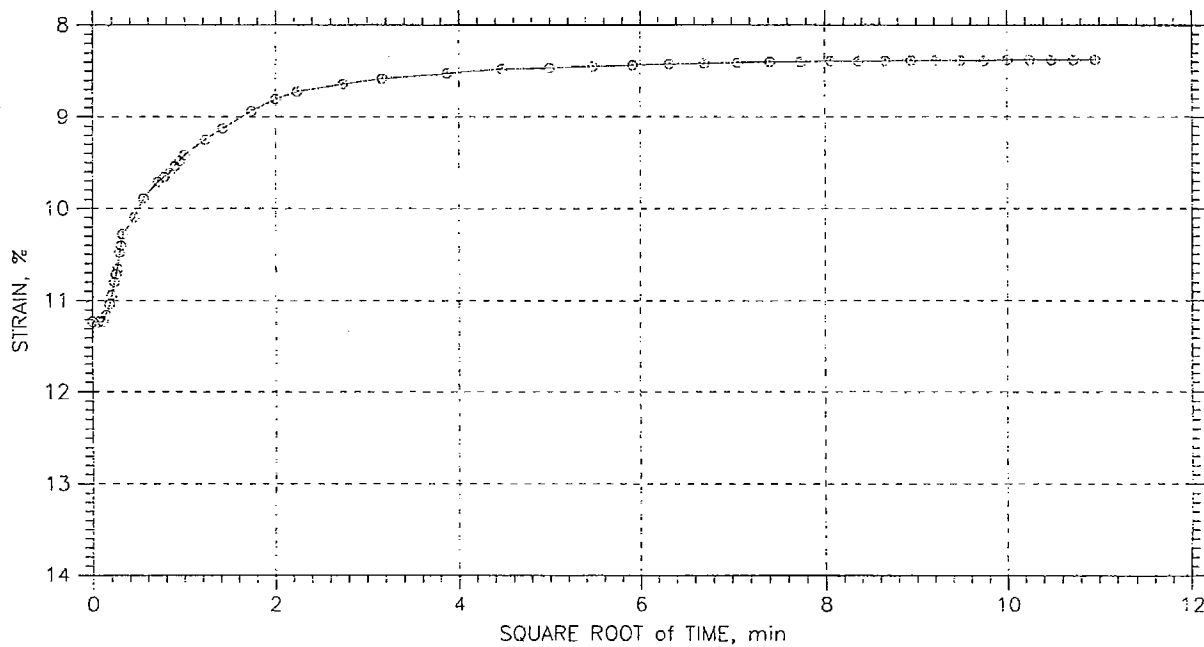
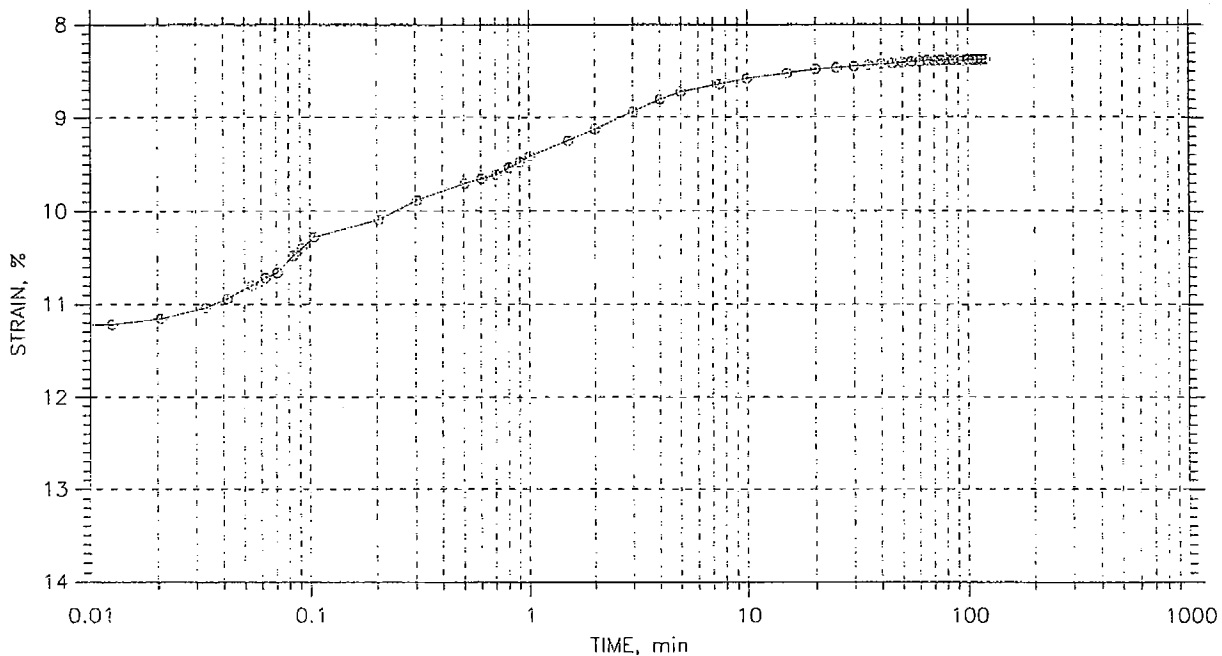
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA

TIME CURVES

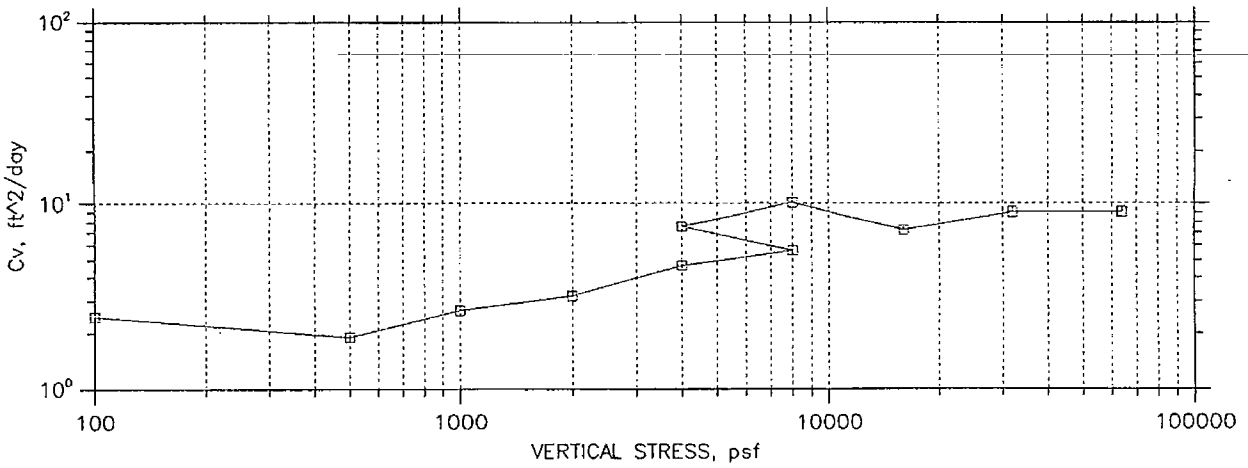
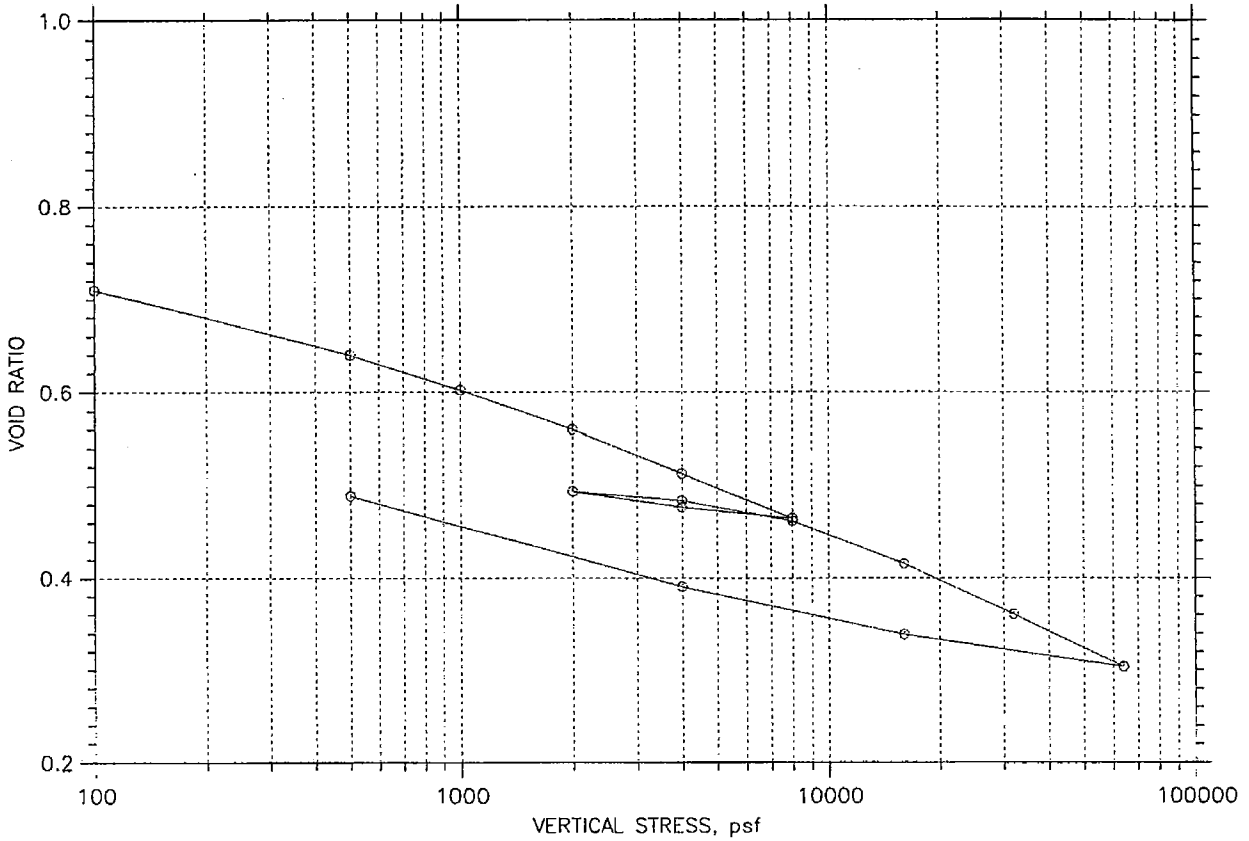
Constant Load Step: 16 of 16

Stress: 500. psf



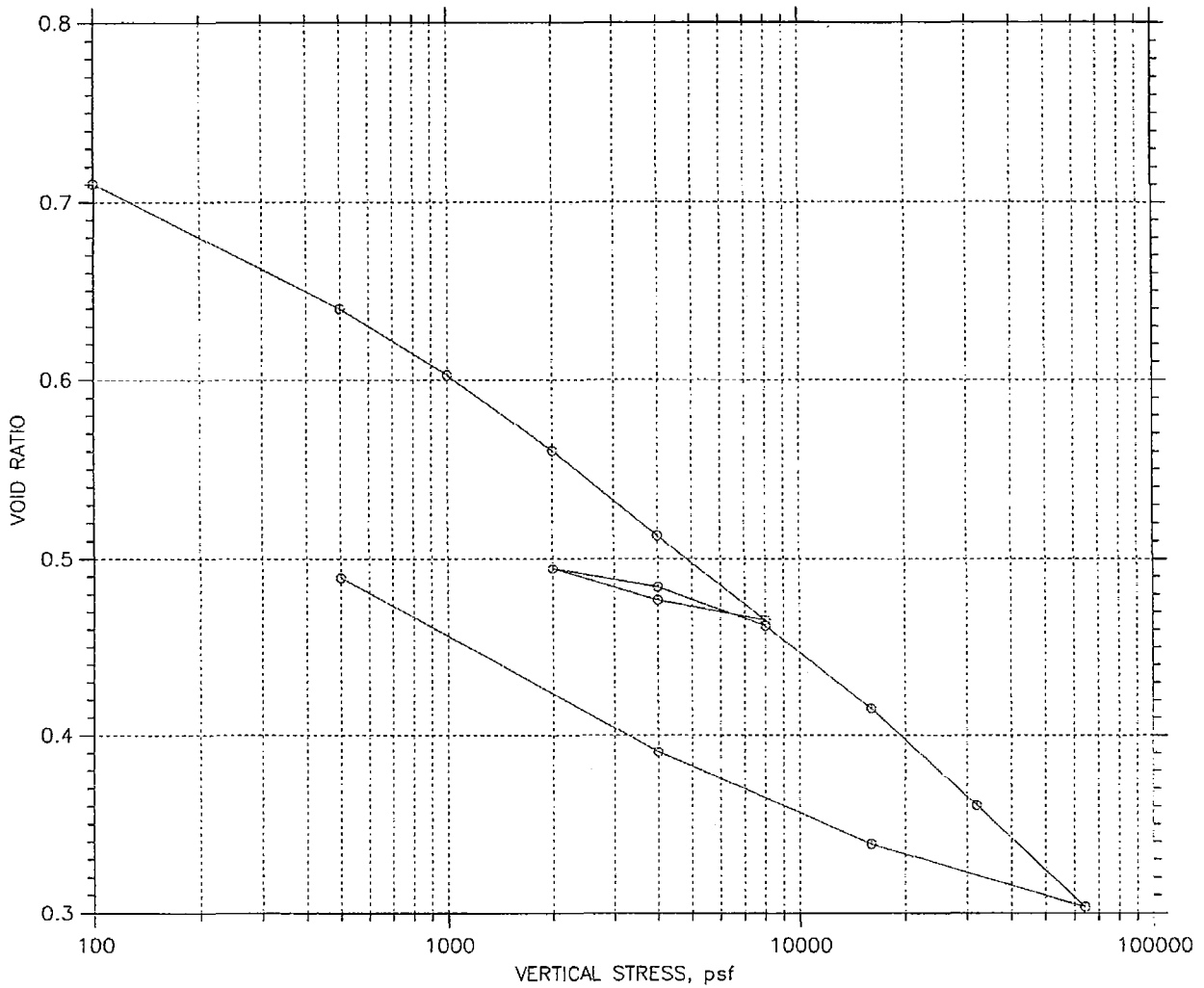
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-319	Tested By: HJ	Checked By: JL
	Sample No.: UD-4	Test Date: 9/22/06	Depth: 38.5 Ft.
	Test No.: 5395	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.04		

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 623406353AS
	Boring No.: B-321	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf				16.68	17.24
Preconsolidation Pressure: 1.673e+004 psf				102.6	118.5
Compression Index: 0.186				65.54	99.66
Diameter: 2.5 in		Height: 1 in		0.72	0.49
LL: NP	PL: NP	PI: NP	GS: 2.83		

MACTEC	Project: SCE&G COL		Location:		Project No.: 6234063574S	
	Boring No.: B-321		Tested By: HJ		Checked By: JL <i>[Signature]</i> 11/24/06	
	Sample No.: UD-3		Test Date: 9/22/06		Depth: 28.5 Ft.	
	Test No.: 5398		Sample Type: Shelby Tube		Elevation:	
	Description: Silty Sand					
	Remarks: Cr = 0.06					

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-321
 Sample No.: UD-3
 Test No.: 5398

Location:
 Tested By: HJ
 Test Date: 9/22/06
 Sample Type: Shelby Tube

Project No.: 6234063534S
 Checked By: JL
 Depth: 28.5 Ft.
 Elevation:

Soil Description: Silty Sand
 Remarks: Cr = 0.06

Measured Specific Gravity: 2.83
 Initial Void Ratio: 0.72
 Final Void Ratio: 0.49

Liquid Limit: NP
 Plastic Limit: NP
 Plasticity Index: NP

Initial Height: 1.00 in
 Specimen Diameter: 2.50 in

Container ID	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
		RING		
Wt. Container + Wet Soil, gm	154.31	299.91	300.65	300.65
Wt. Container + Dry Soil, gm	132.25	277.85	277.85	277.85
Wt. Container, gm	0	145.6	145.6	145.6
Wt. Dry Soil, gm	132.25	132.25	132.25	132.25
Water Content, %	16.68	16.68	17.24	17.24
Void Ratio	---	0.72	0.49	---
Degree of Saturation, %	---	65.54	99.66	---
Dry Unit Weight, pcf	---	102.64	118.52	---

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-321
 Sample No.: UD-3
 Test No.: 5398

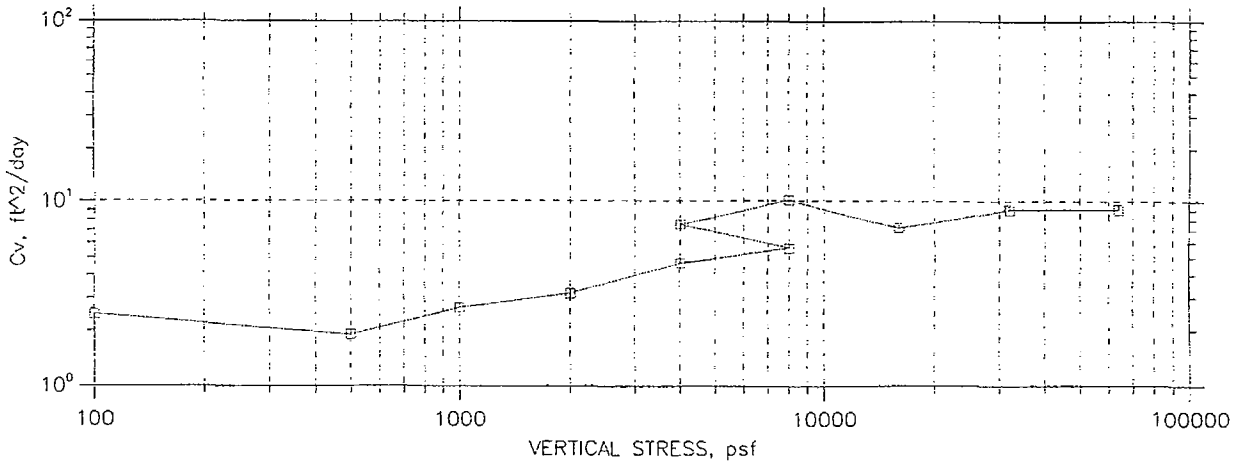
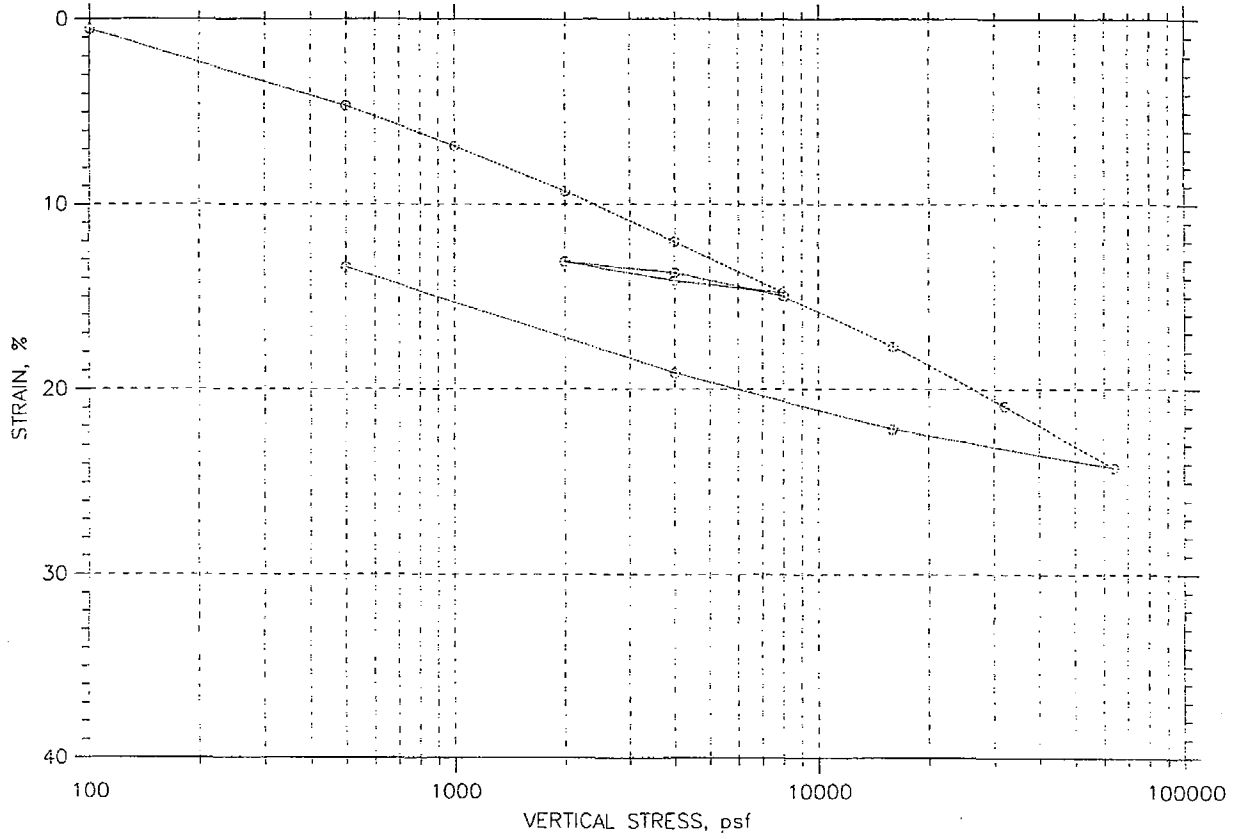
Location:
 Tested By: HJ
 Test Date: 9/22/06
 Sample Type: Shelby Tube

Project No.: 6234063534S
 Checked By: JL
 Depth: 28.5 Ft.
 Elevation:

Soil Description: Silty Sand
 Remarks: Cr = 0.06

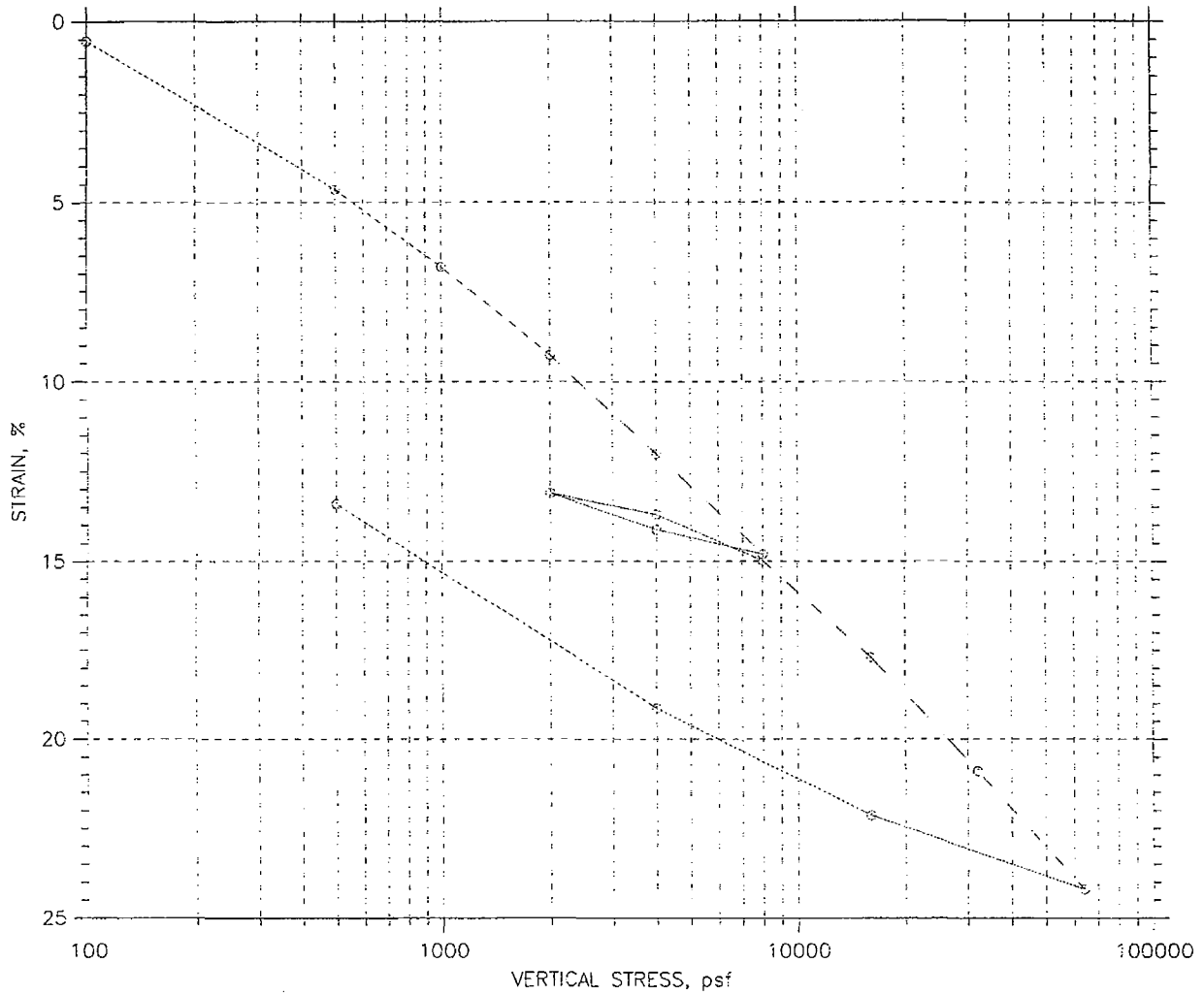
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /day	Log ft ² /day	Ave. ft ² /day
1	100	0.005386	0.710	0.54	0.2	0.2	2.33e+000	2.61e+000	2.46e+000
2	500	0.04639	0.640	4.64	0.3	0.2	1.82e+000	1.99e+000	1.90e+000
3	1e+003	0.06805	0.602	6.81	0.2	0.2	2.46e+000	2.91e+000	2.66e+000
4	2e+003	0.09273	0.560	9.27	0.1	0.1	3.04e+000	3.33e+000	3.18e+000
5	4e+003	0.1201	0.513	12.01	0.1	0.1	4.13e+000	5.29e+000	4.64e+000
6	8e+003	0.148	0.465	14.80	0.1	0.1	5.02e+000	6.31e+000	5.59e+000
7	4e+003	0.1412	0.477	14.12	0.0	0.0	1.01e+001	0.00e+000	1.01e+001
8	2e+003	0.1311	0.494	13.11	0.1	0.0	6.78e+000	7.80e+000	7.25e+000
9	4e+003	0.137	0.484	13.70	0.0	0.0	7.53e+000	0.00e+000	7.53e+000
10	8e+003	0.1498	0.462	14.98	0.0	0.0	1.01e+001	0.00e+000	1.01e+001
11	1.6e+004	0.177	0.415	17.70	0.1	0.0	6.40e+000	8.26e+000	7.21e+000
12	3.2e+004	0.2089	0.360	20.89	0.0	0.0	9.67e+000	8.54e+000	9.07e+000
13	6.4e+004	0.2419	0.304	24.19	0.0	0.0	9.08e+000	0.00e+000	9.08e+000
14	1.6e+004	0.2215	0.339	22.15	0.0	0.0	8.90e+000	0.00e+000	8.90e+000
15	4e+003	0.1913	0.391	19.13	0.1	0.0	5.69e+000	7.46e+000	6.46e+000
16	500	0.134	0.489	13.40	0.2	0.2	2.24e+000	1.86e+000	2.03e+000

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 0 psf				Water Content, %	16.68	17.24
Preconsolidation Pressure: 1.673e+004 psf				Dry Unit Weight, pcf	102.6	118.5
Compression Index: 0.186				Saturation, %	65.54	99.66
Diameter: 2.5 in		Height: 1 in		Void Ratio	0.72	0.49
LI: NP	PL: NP	PI: NP	GS: 2.83			

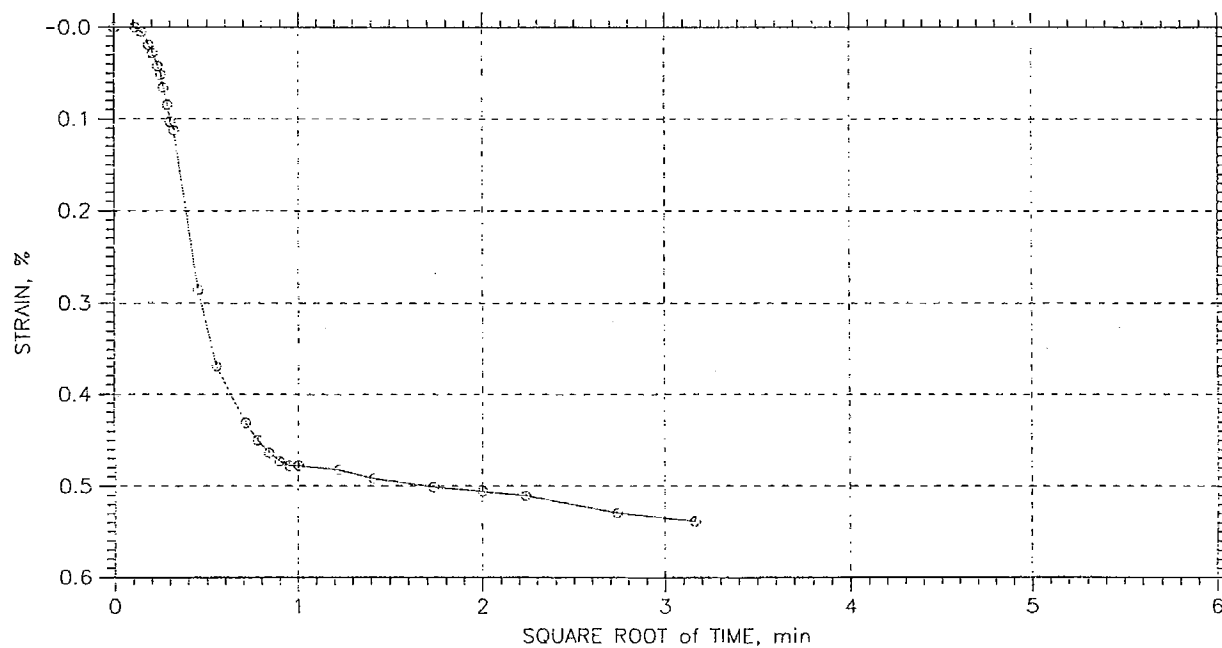
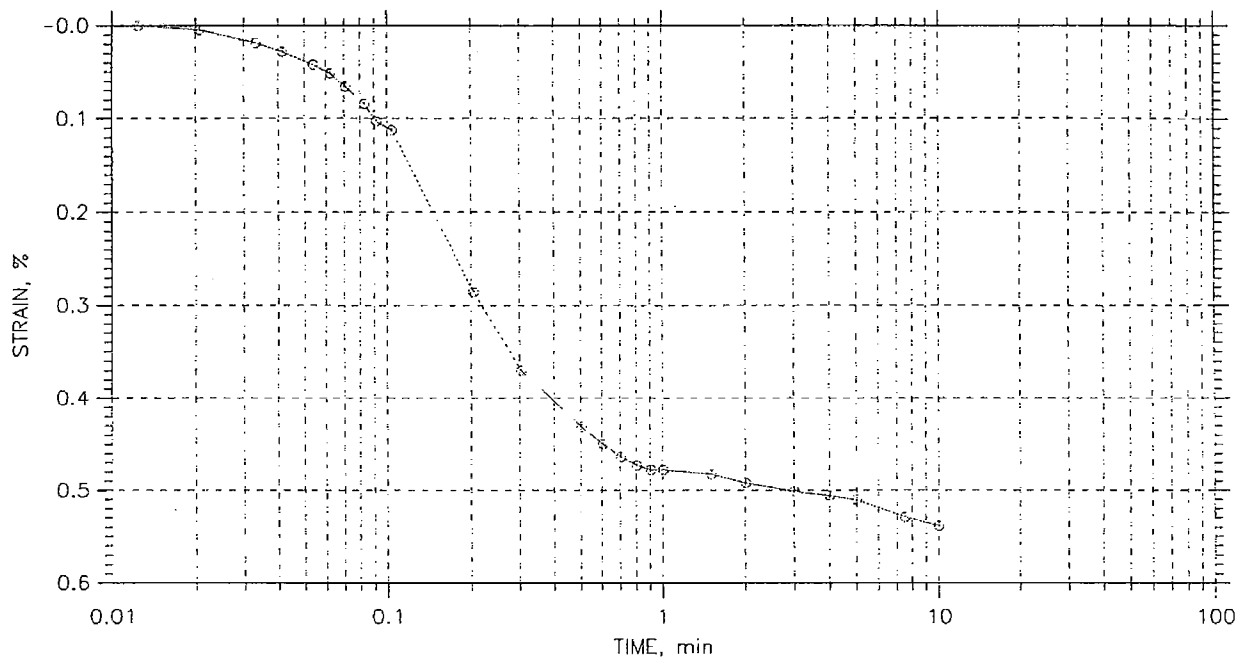
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL <i>[Signature]</i>
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 16

Stress: 100. psf



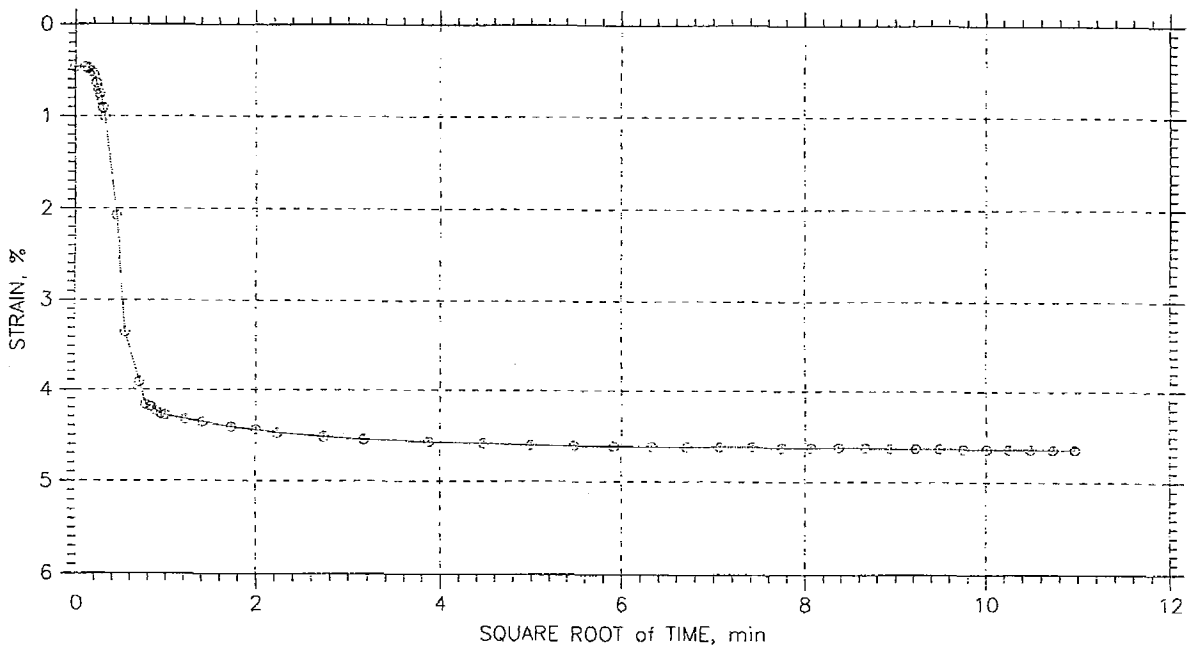
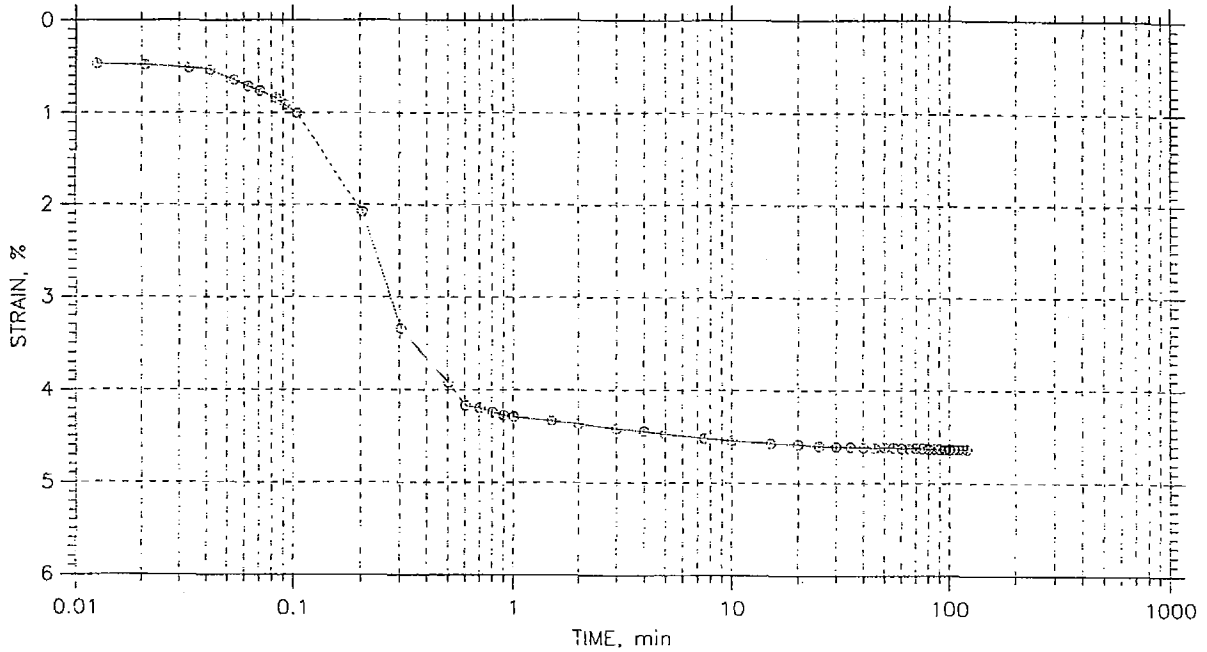
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 16

Stress: 500. psf



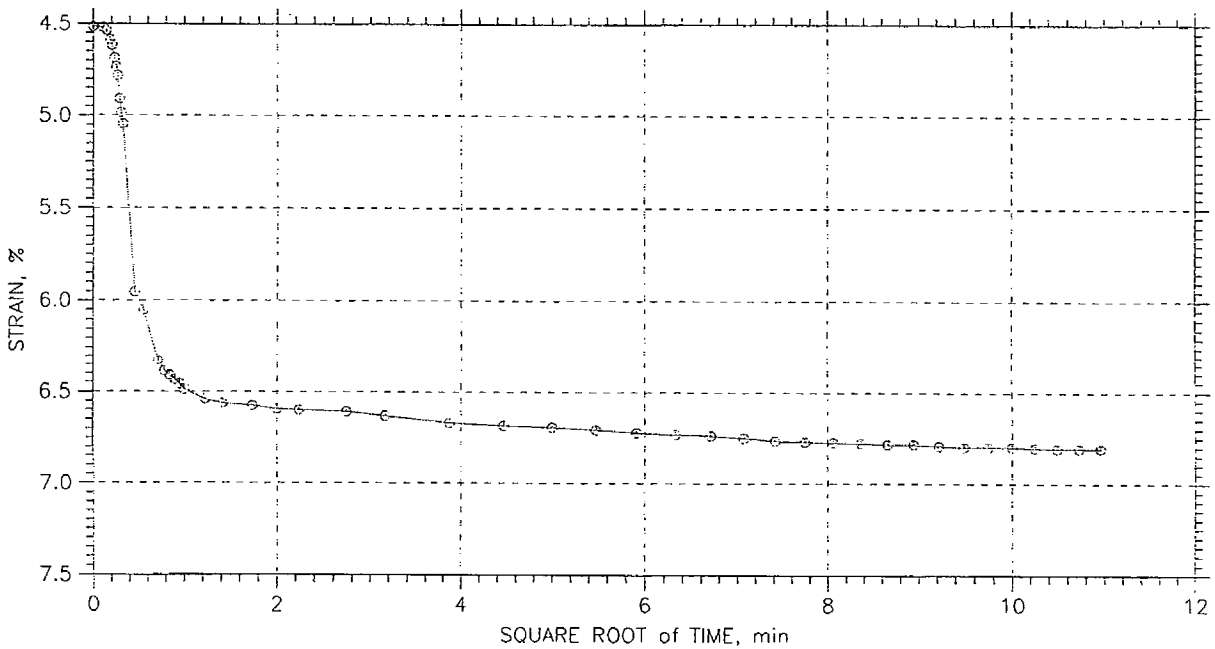
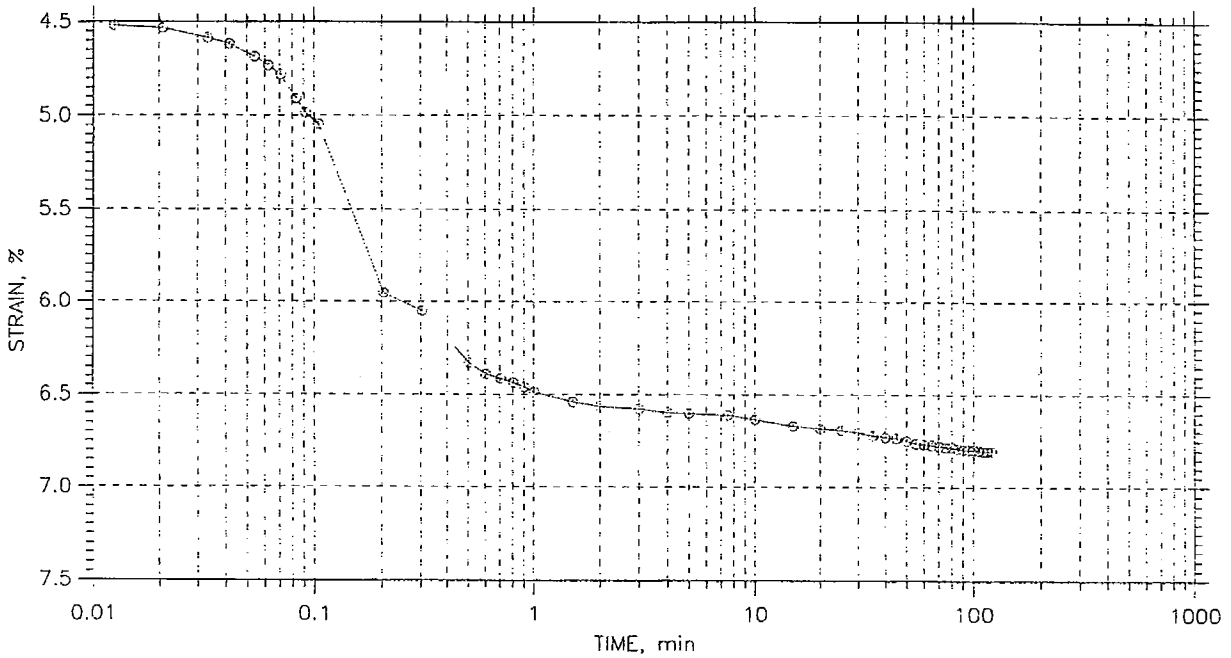
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 16

Stress: 1000. psf



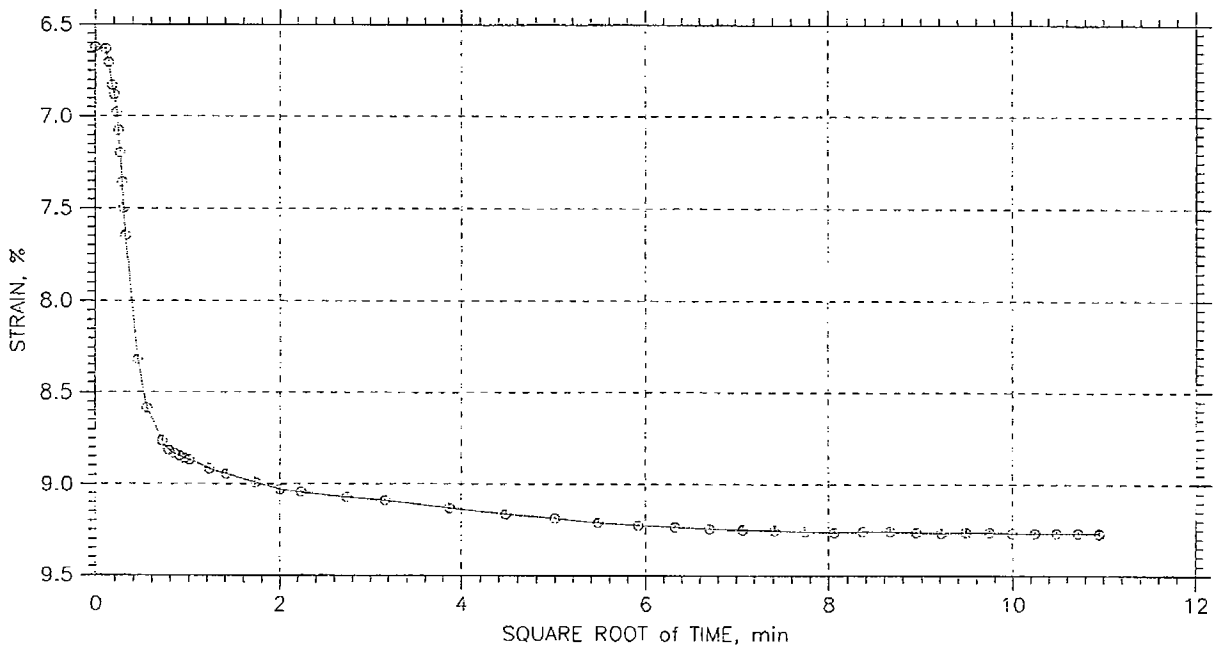
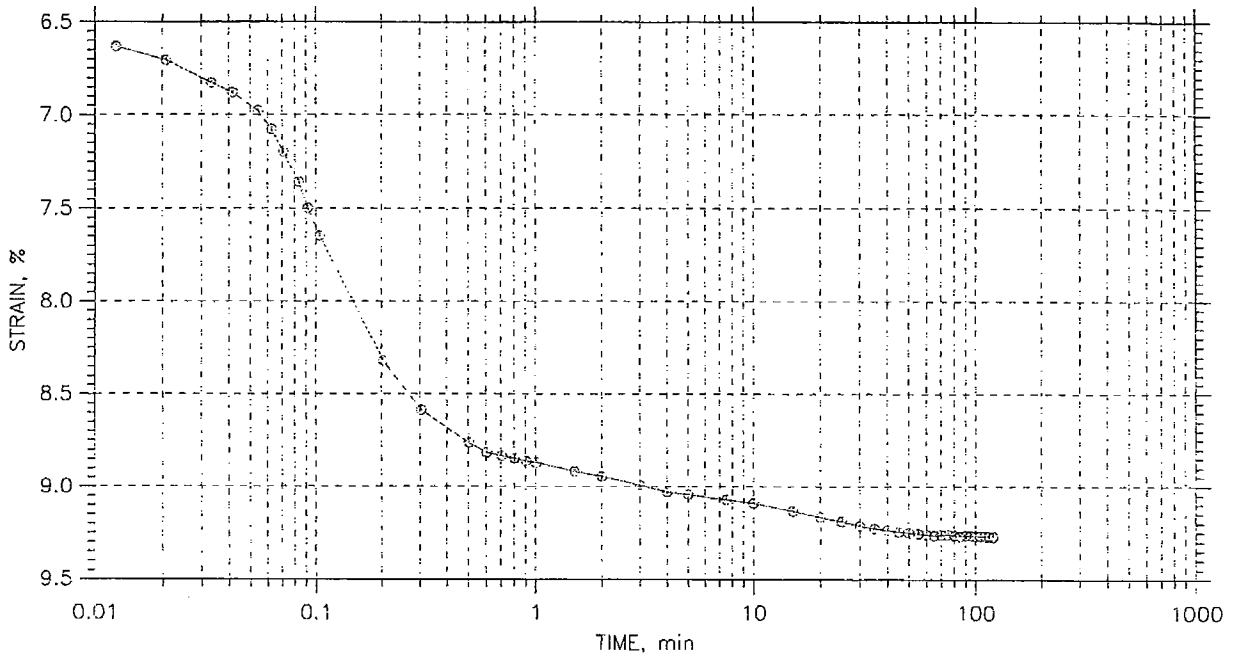
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 16

Stress: 2000. psf



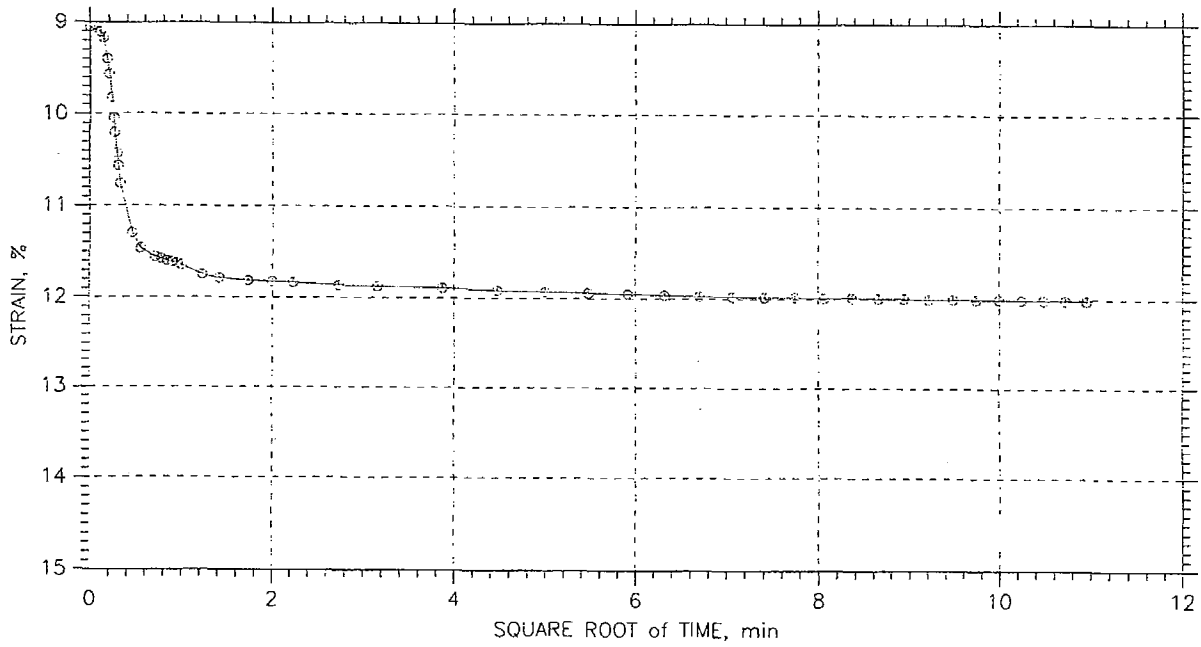
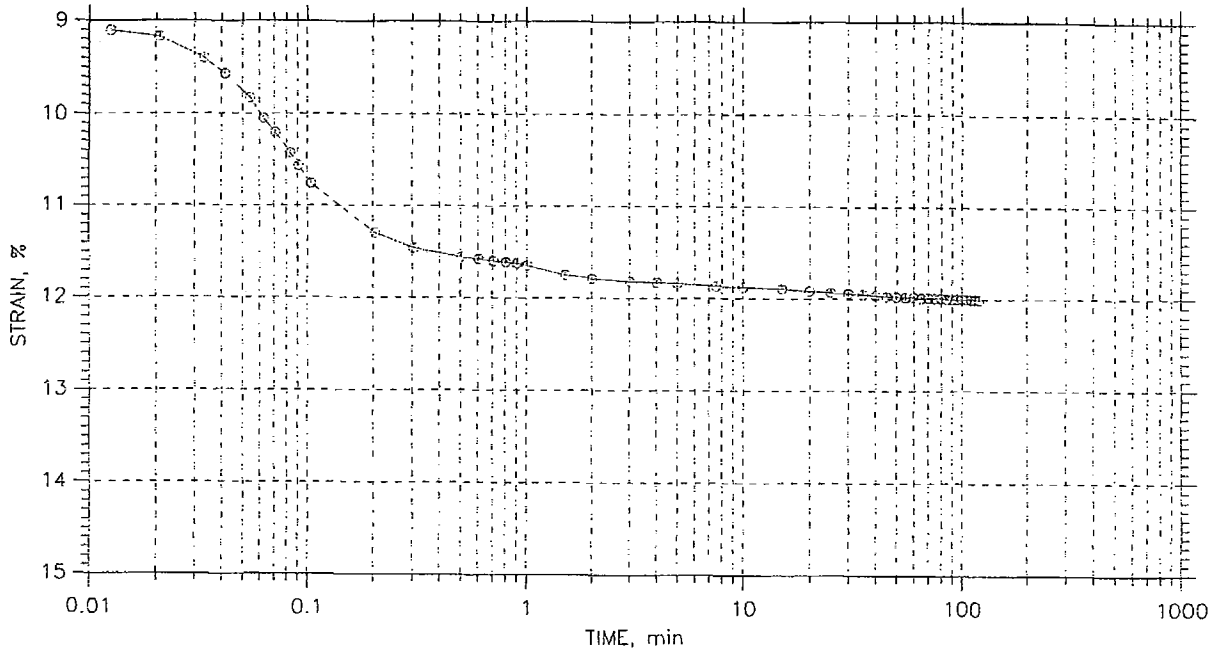
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 16

Stress: 4000. psf



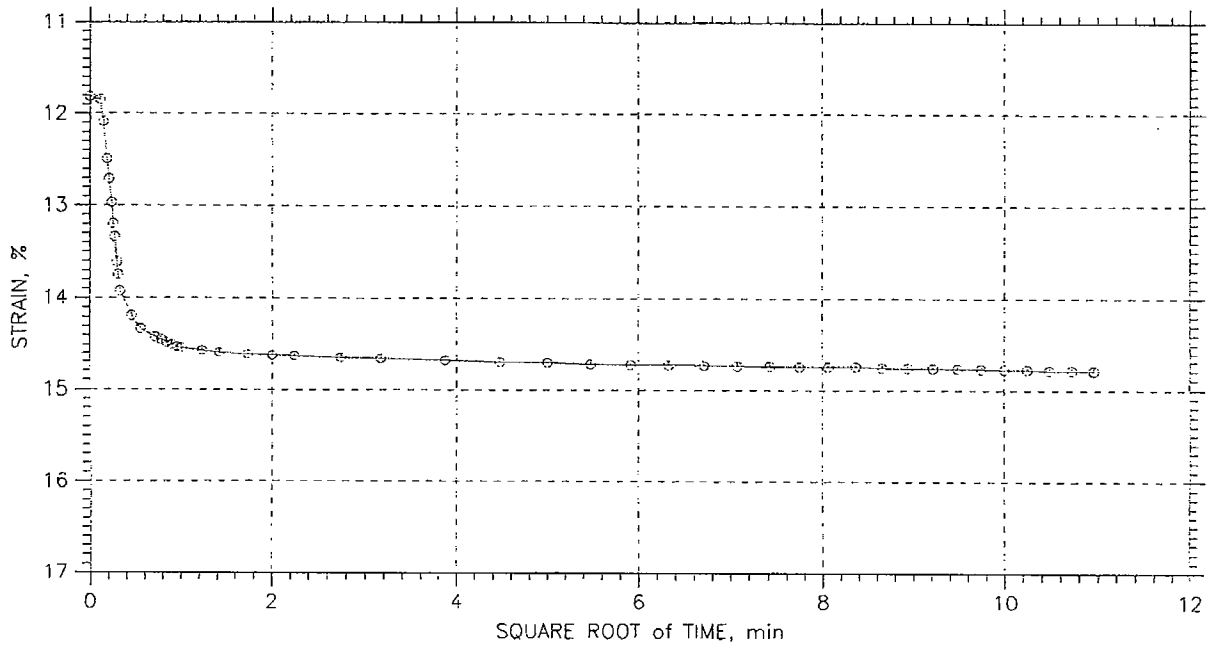
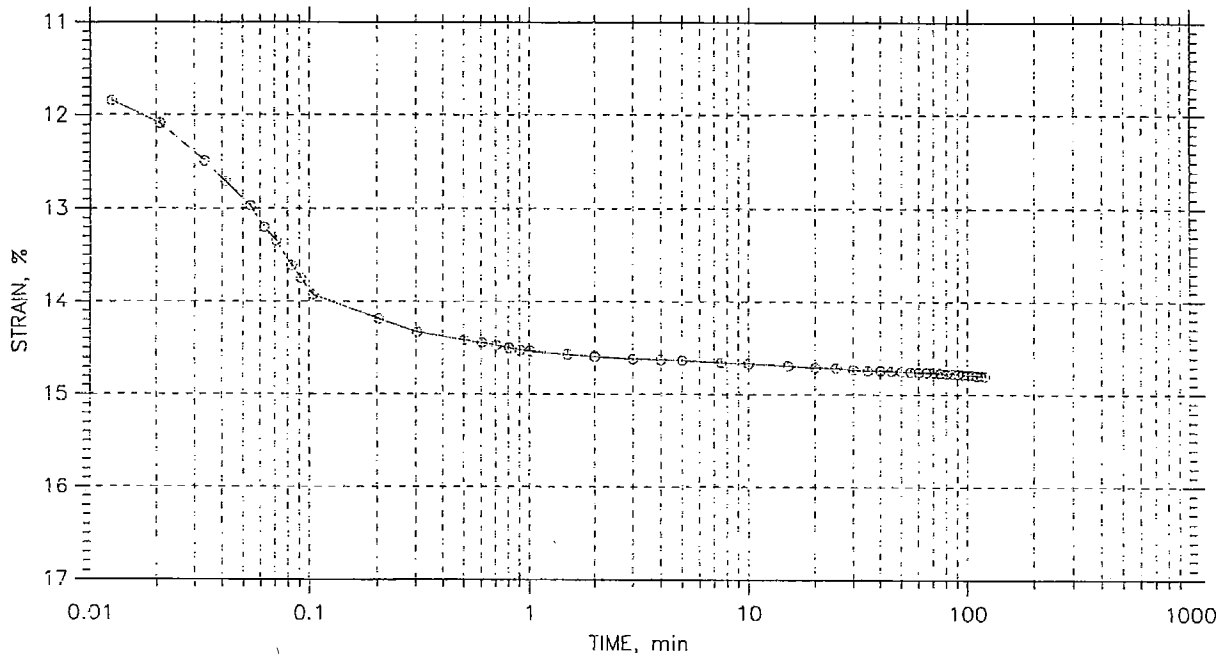
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 16

Stress: 8000. psf



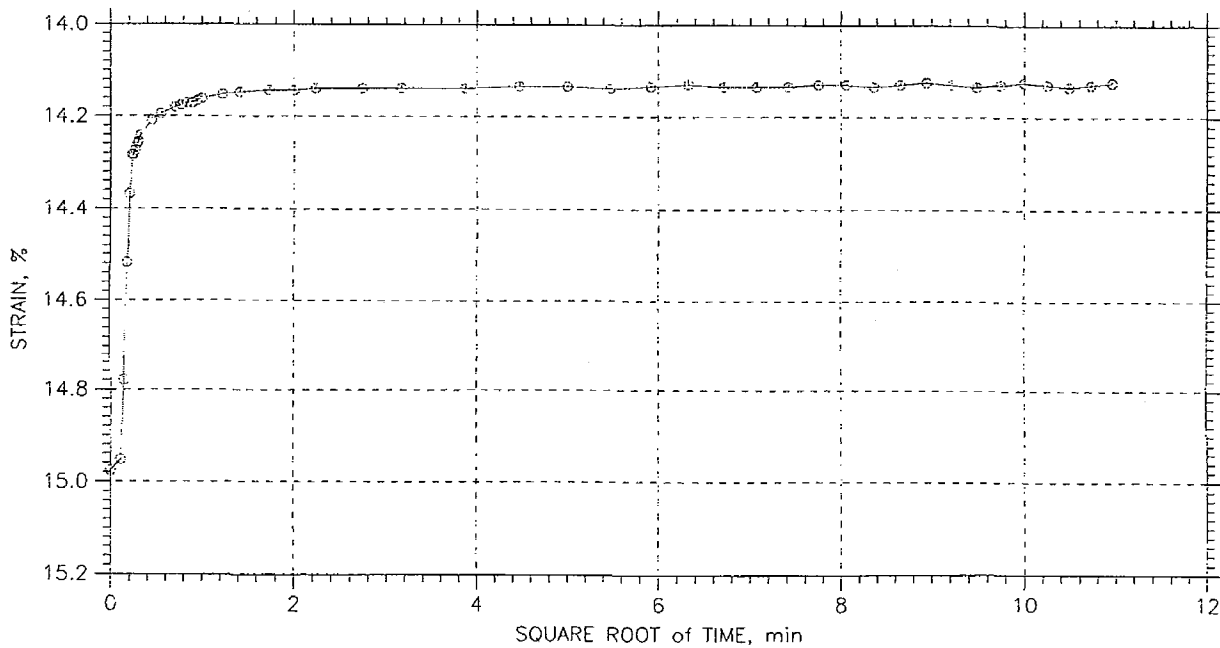
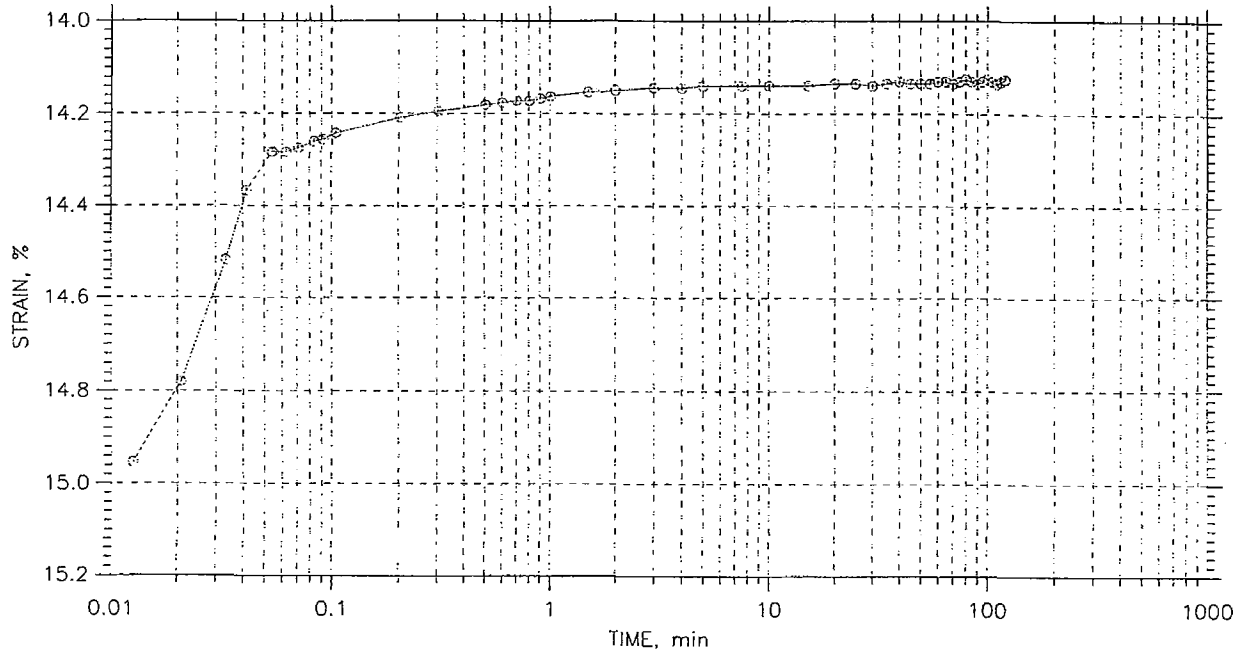
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 16

Stress: 4000. psf



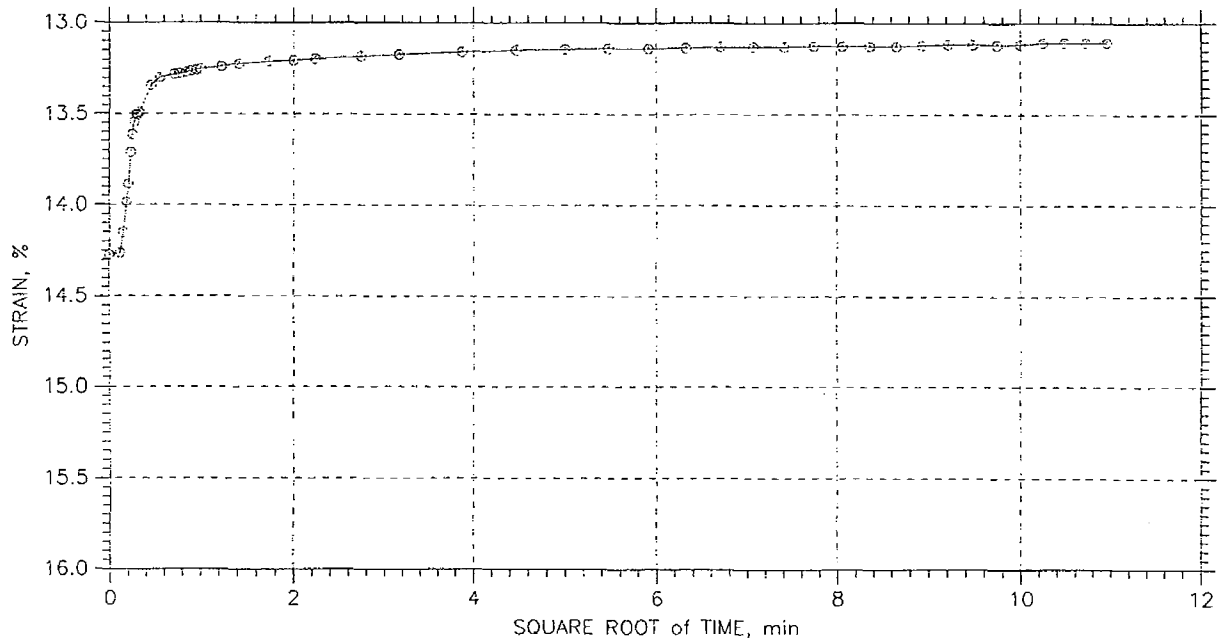
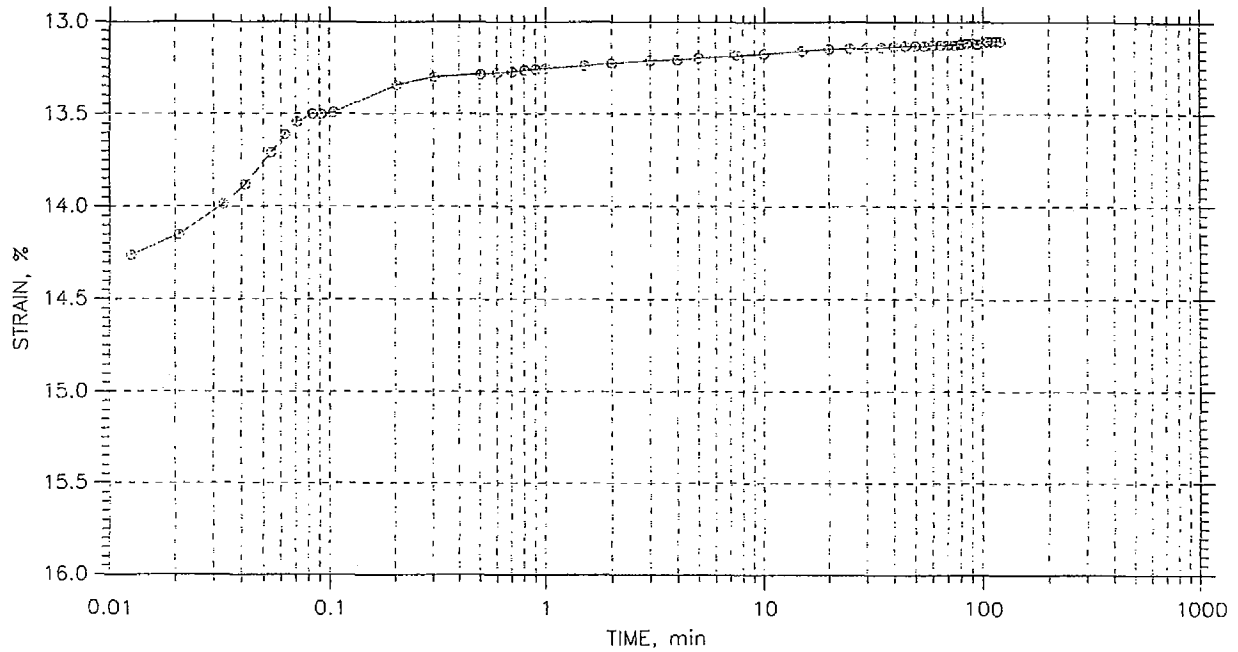
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 16

Stress: 2000. psf



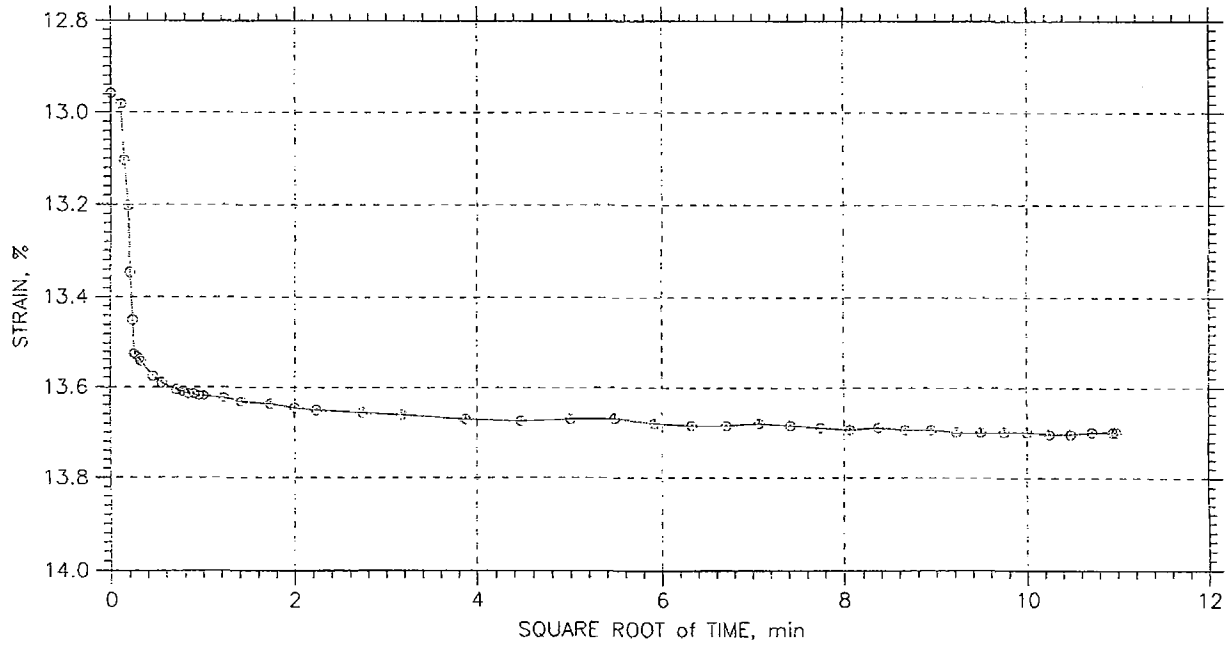
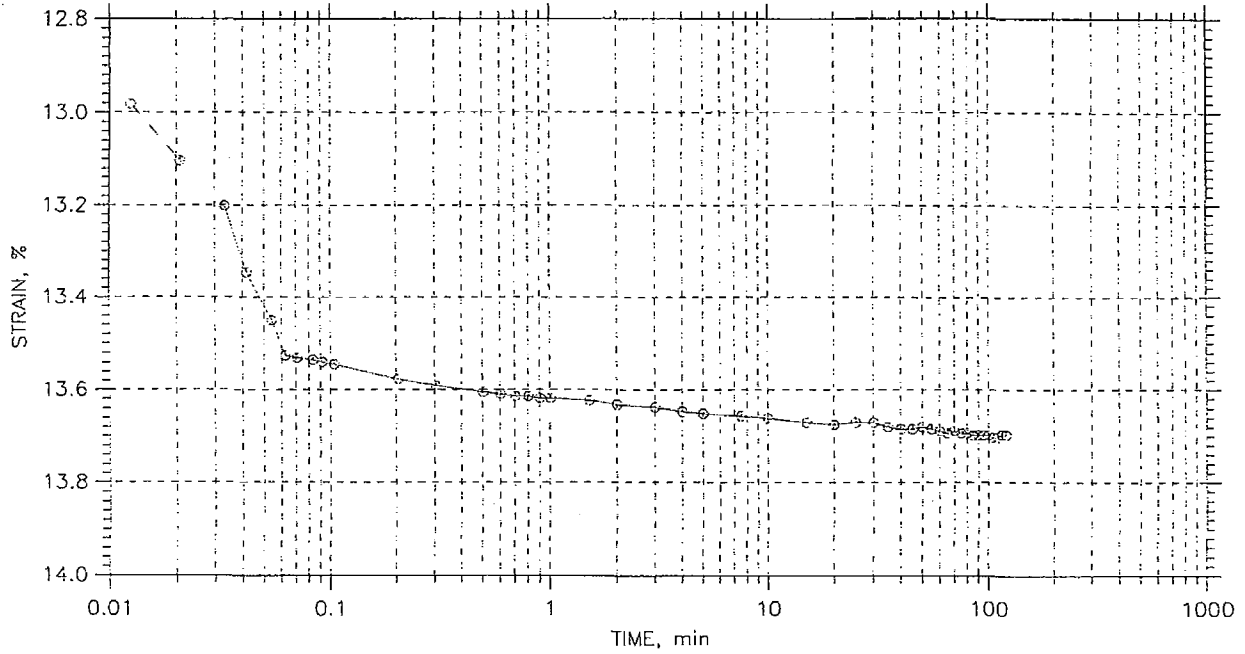
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 16

Stress: 4000. psf



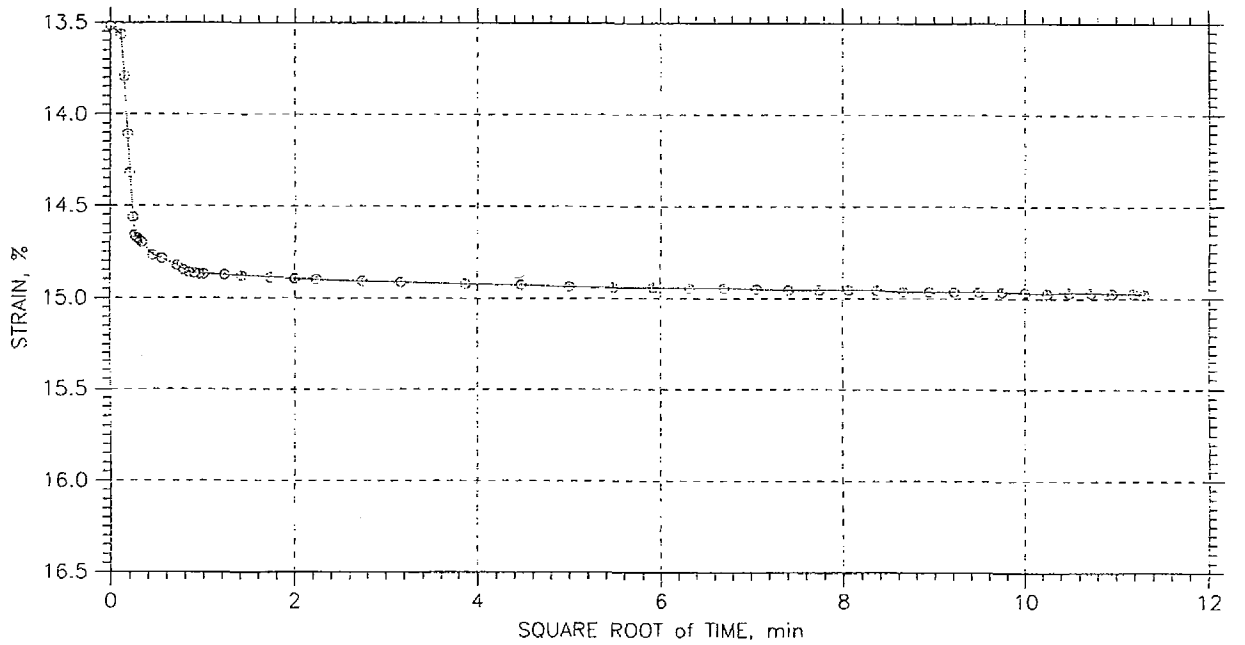
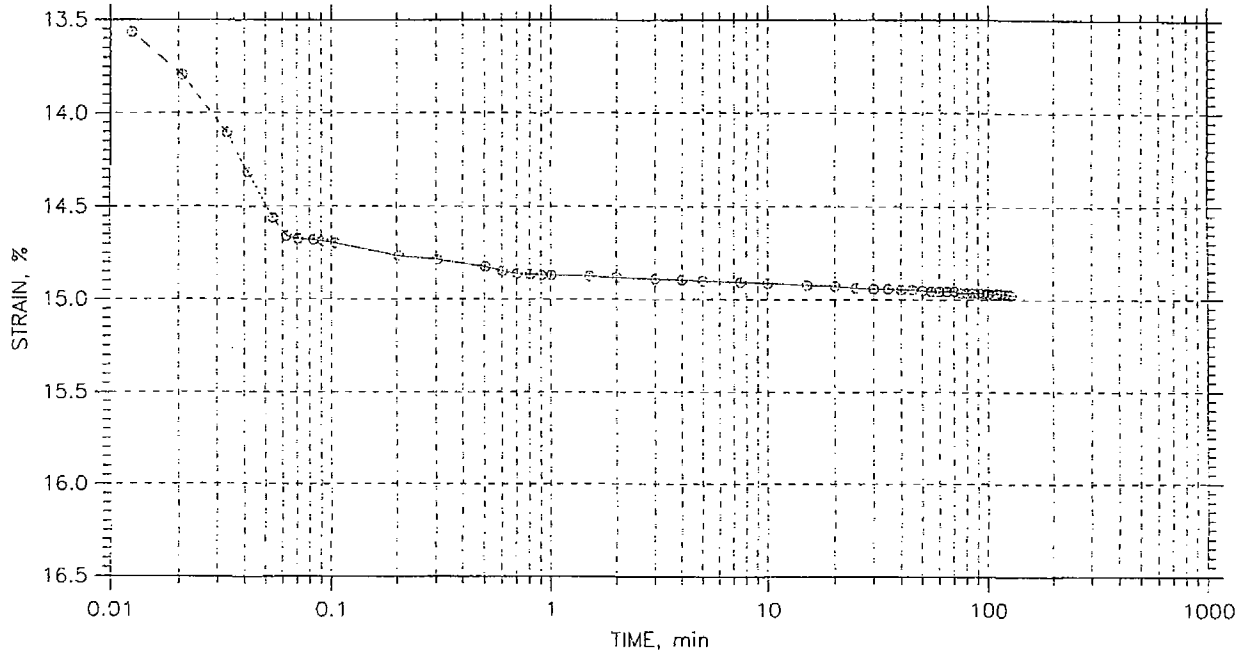
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 16

Stress: 8000. psf



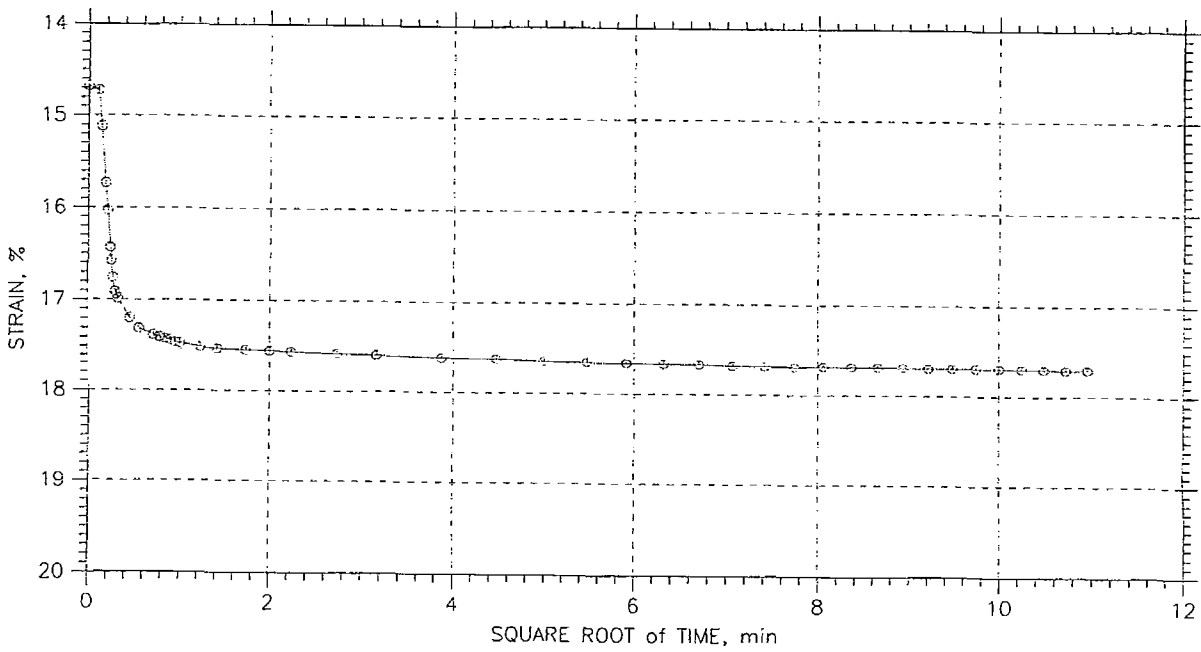
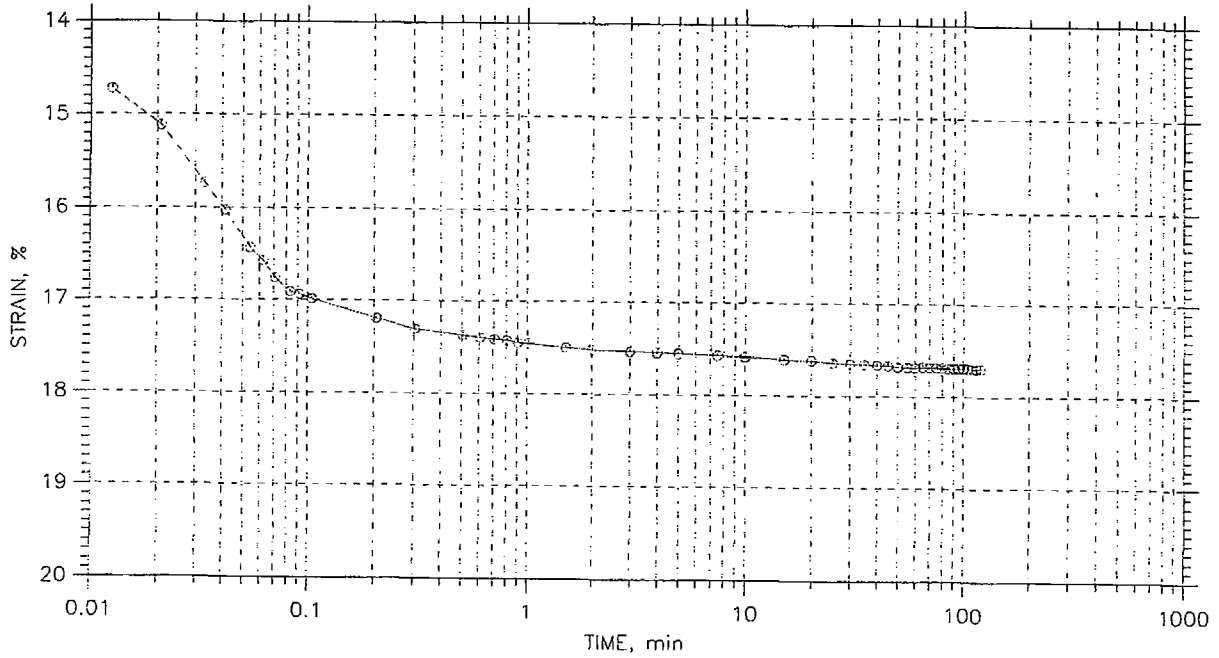
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 16

Stress: 16000 psf



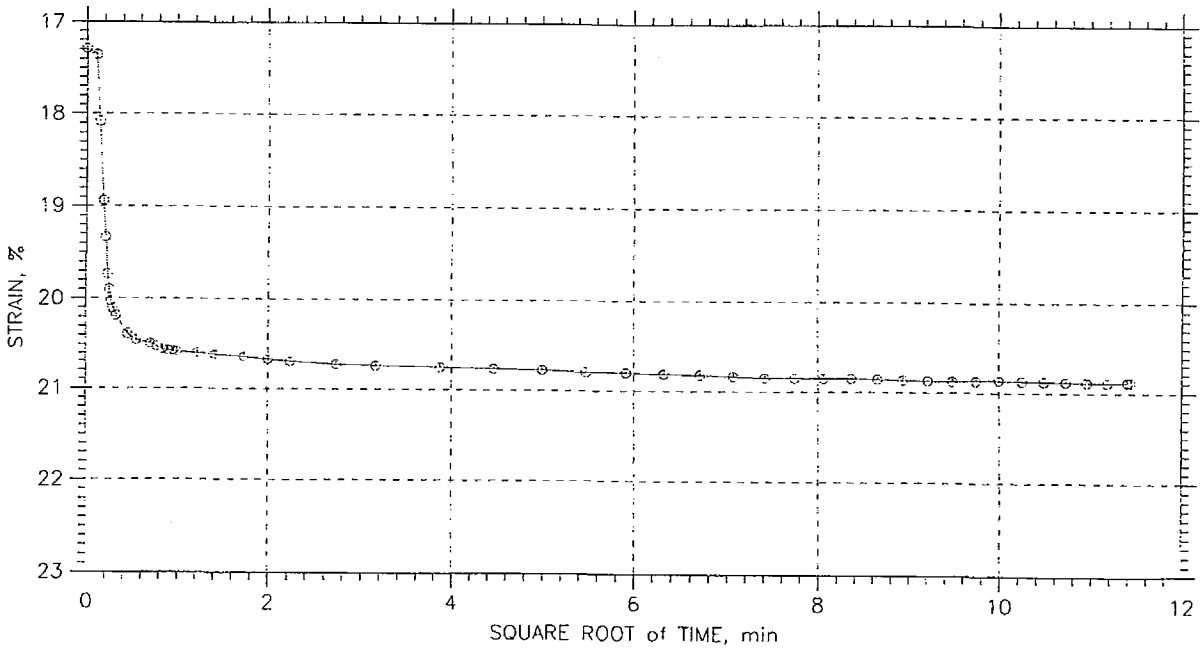
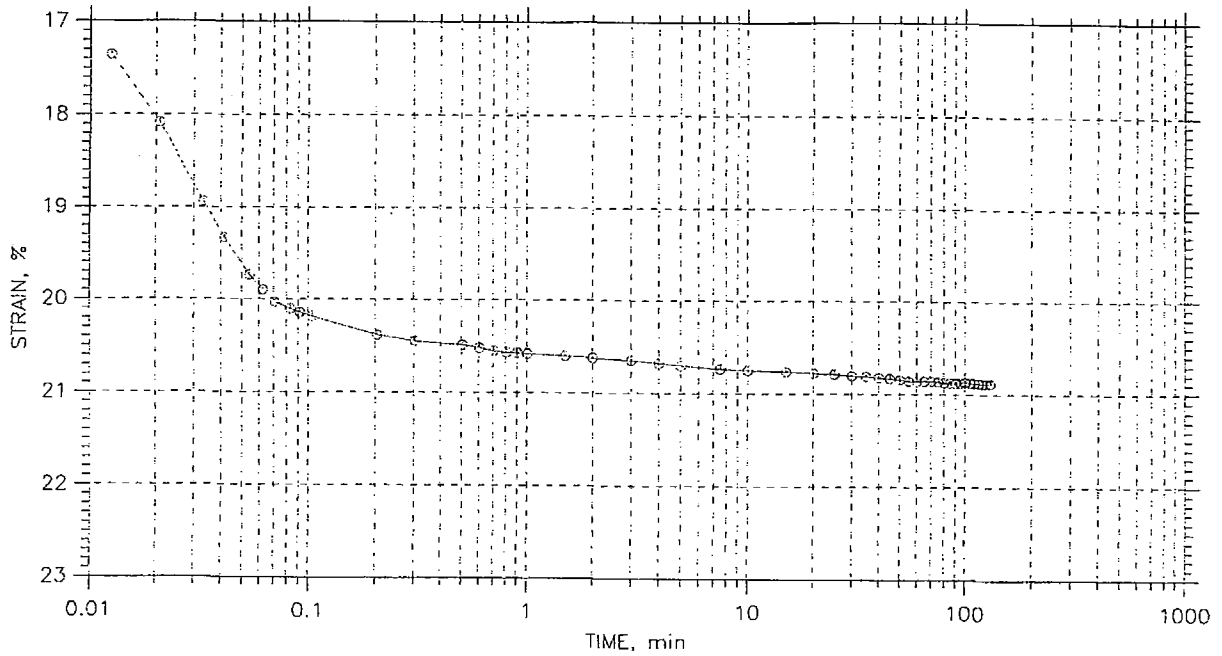
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 16

Stress: 32000 psf



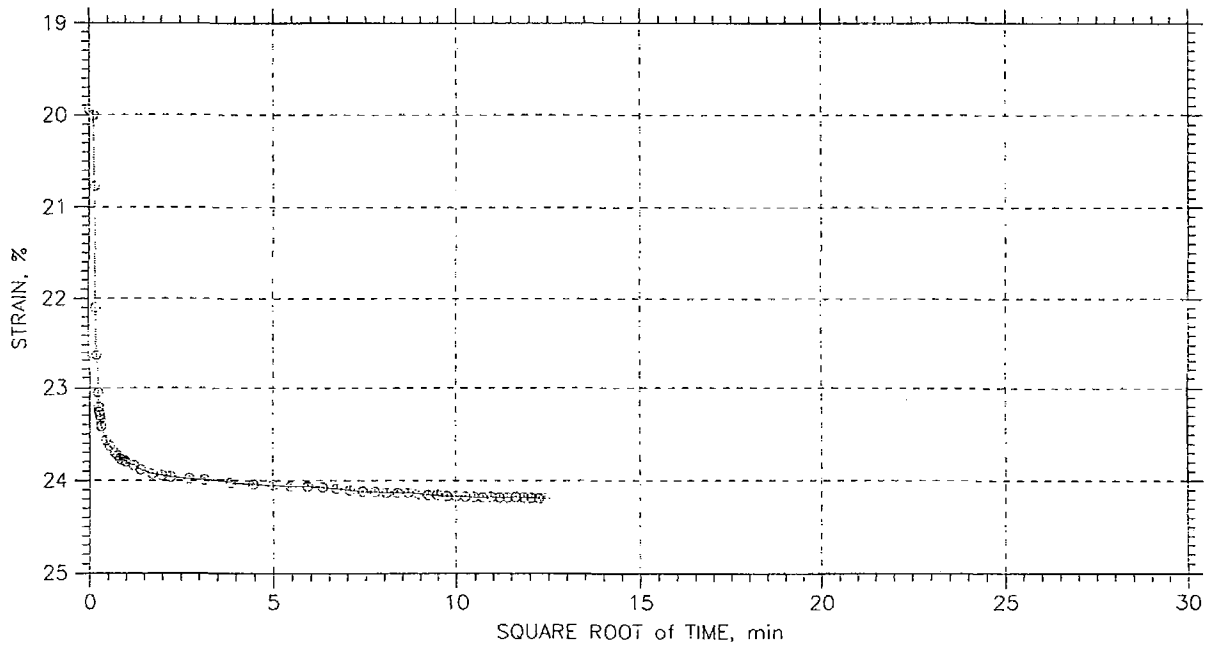
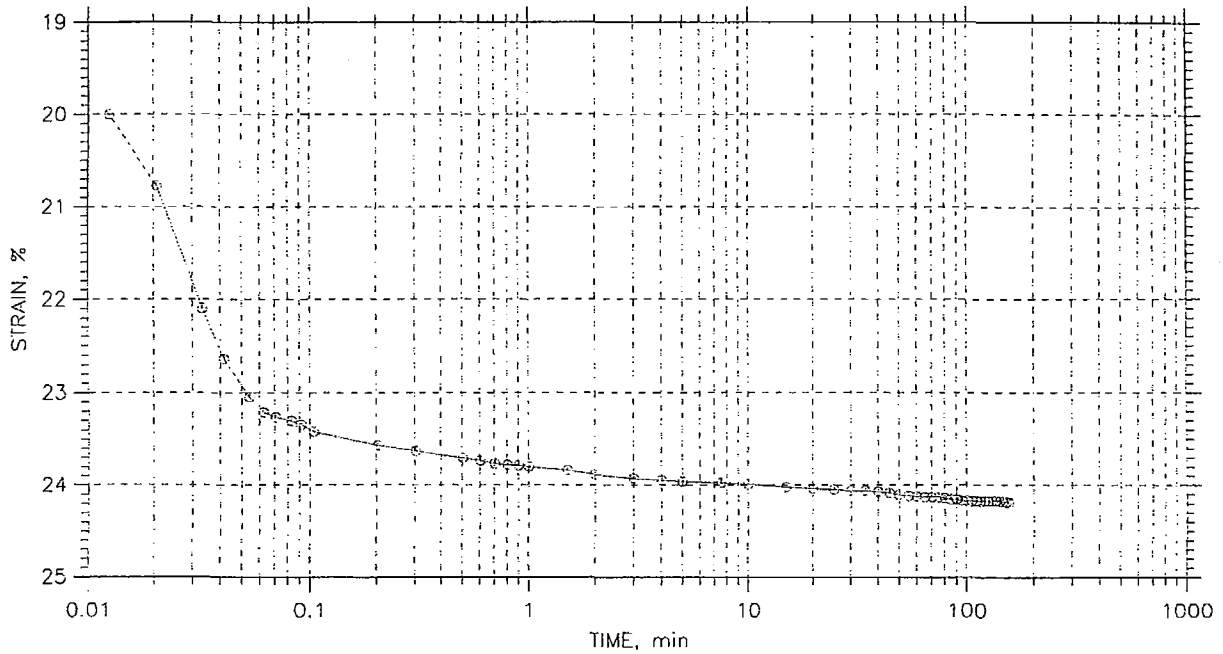
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 16

Stress: 64000 psf



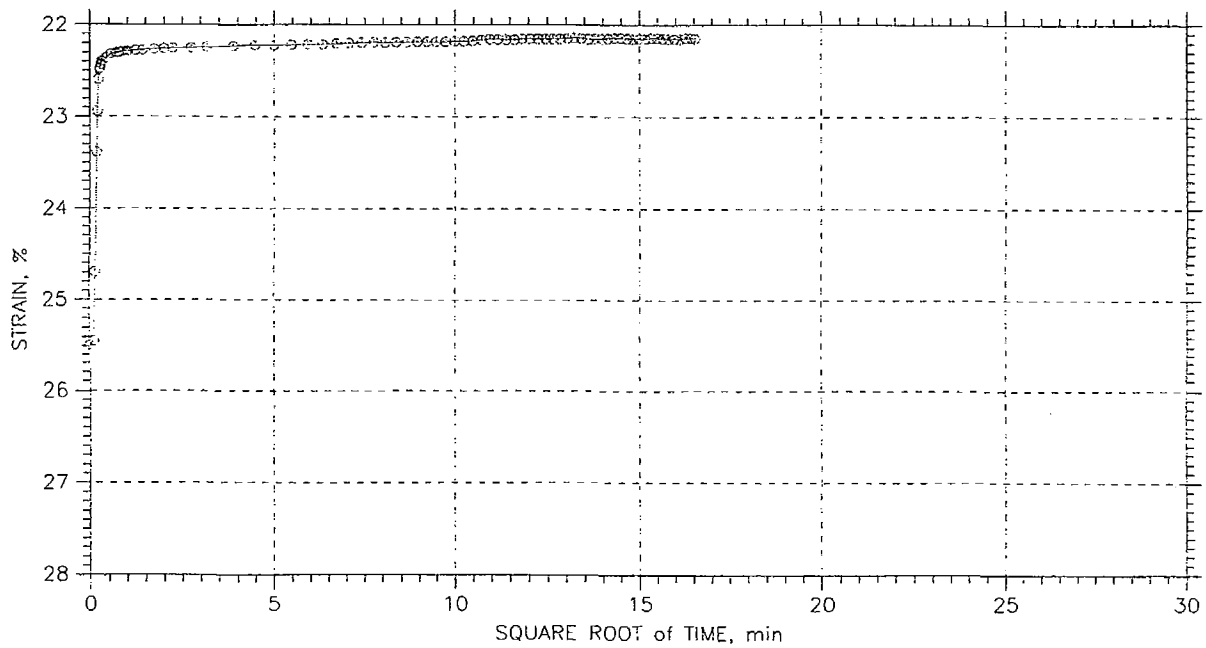
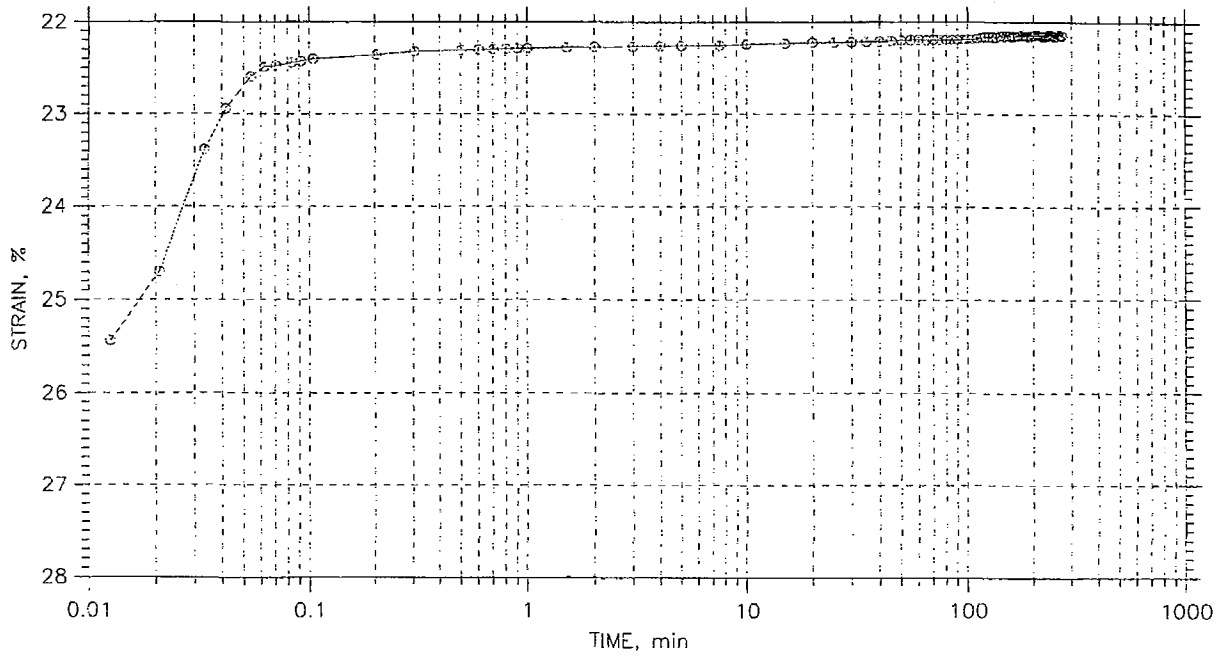
IMACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 16

Stress: 16000 psf



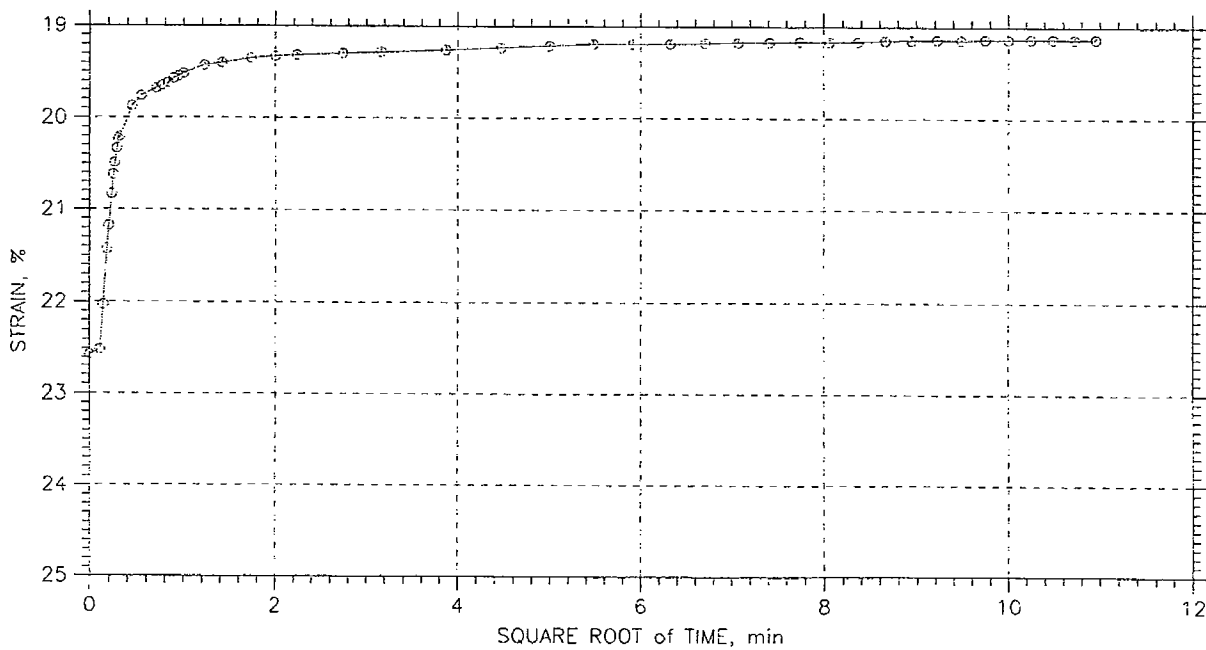
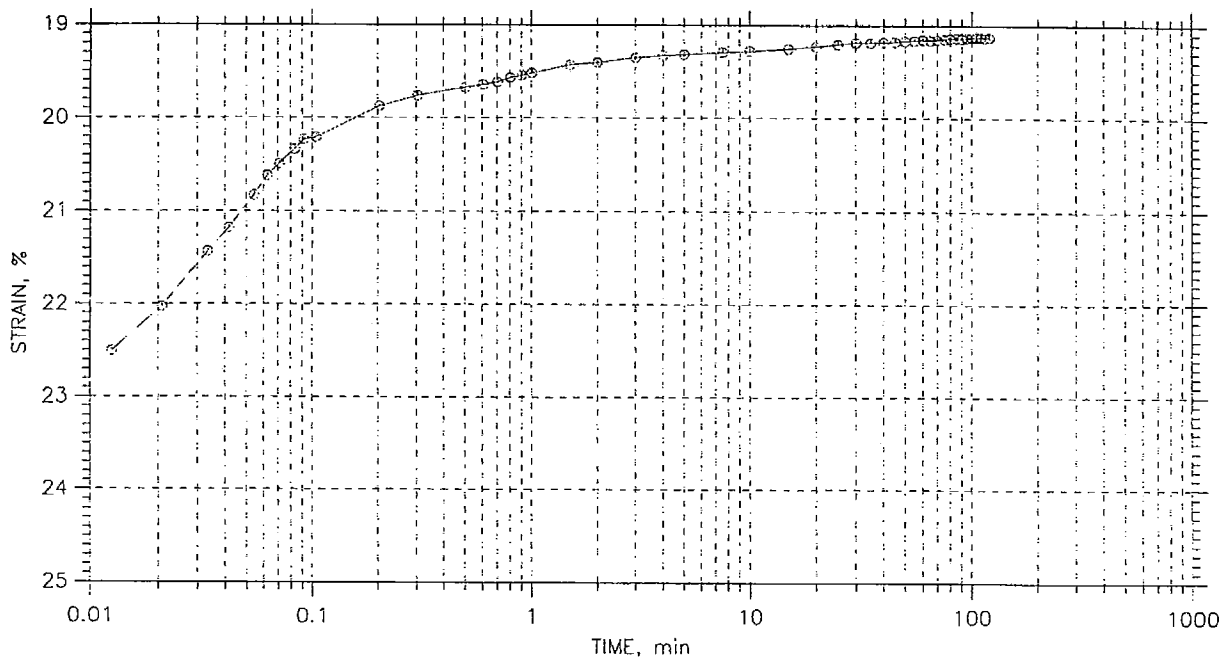
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 16

Stress: 4000. psf



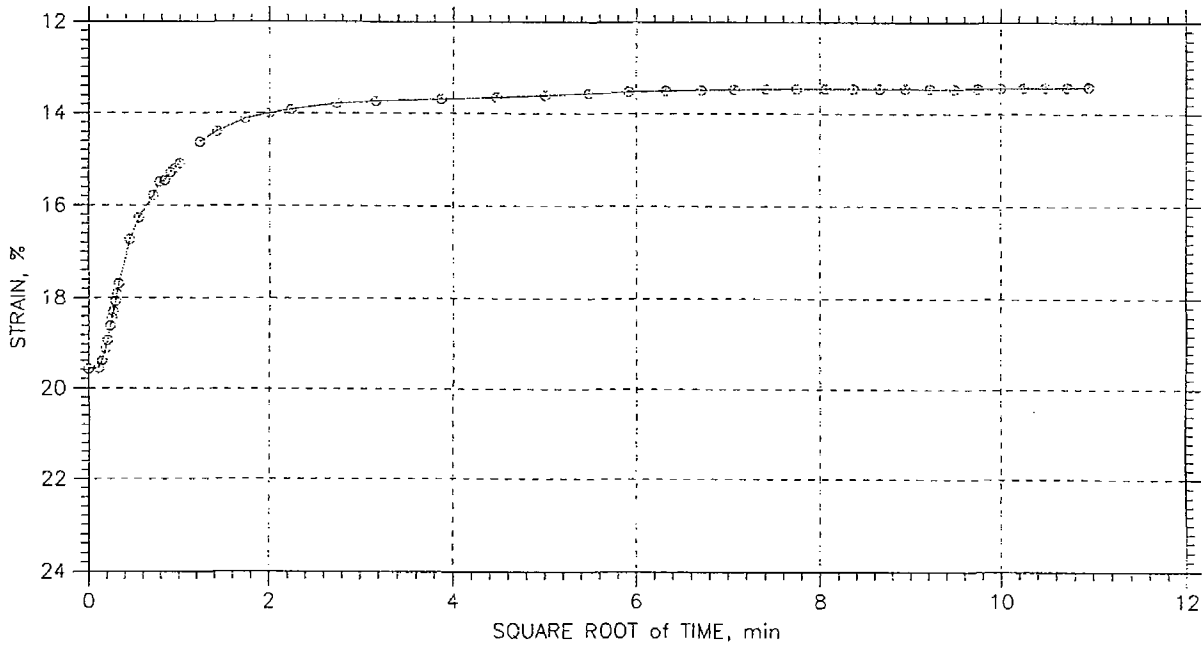
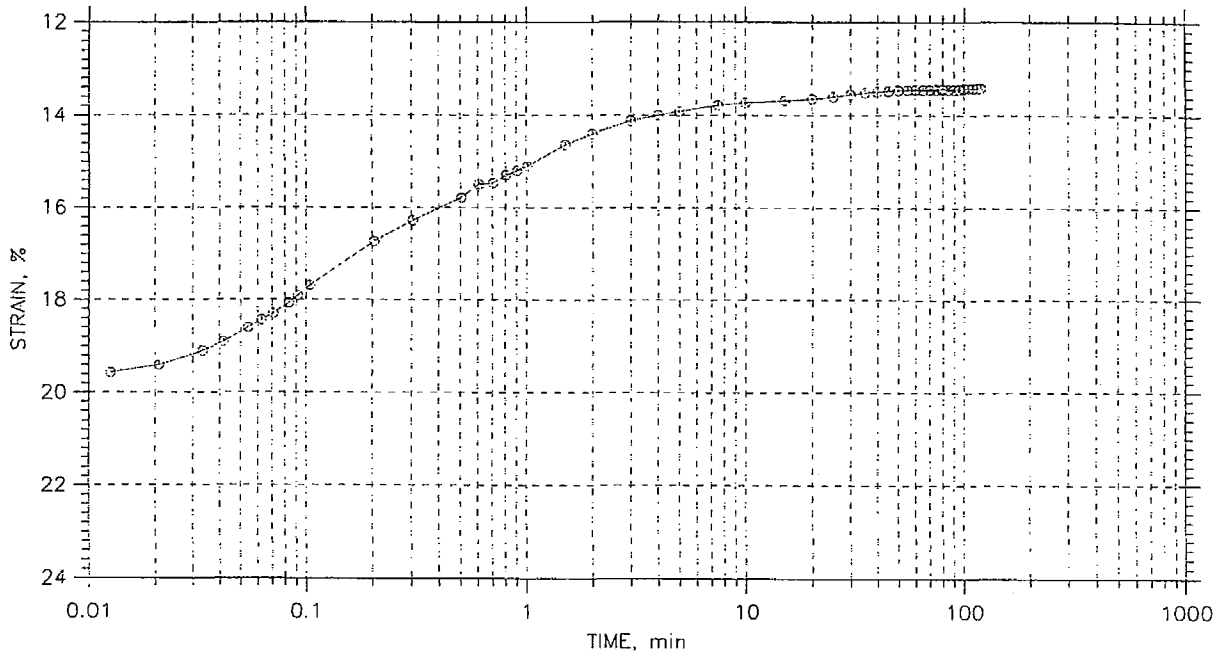
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA

TIME CURVES

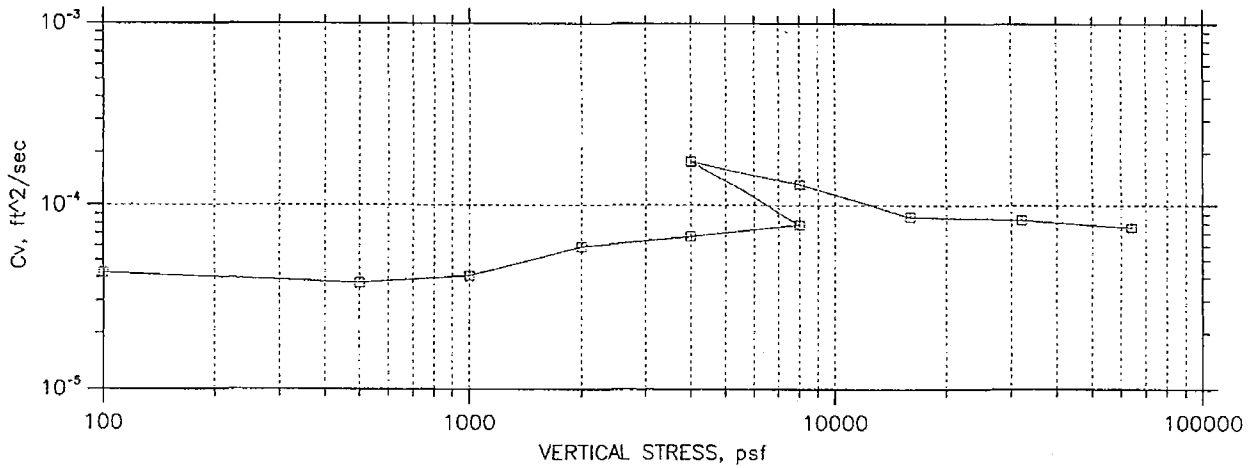
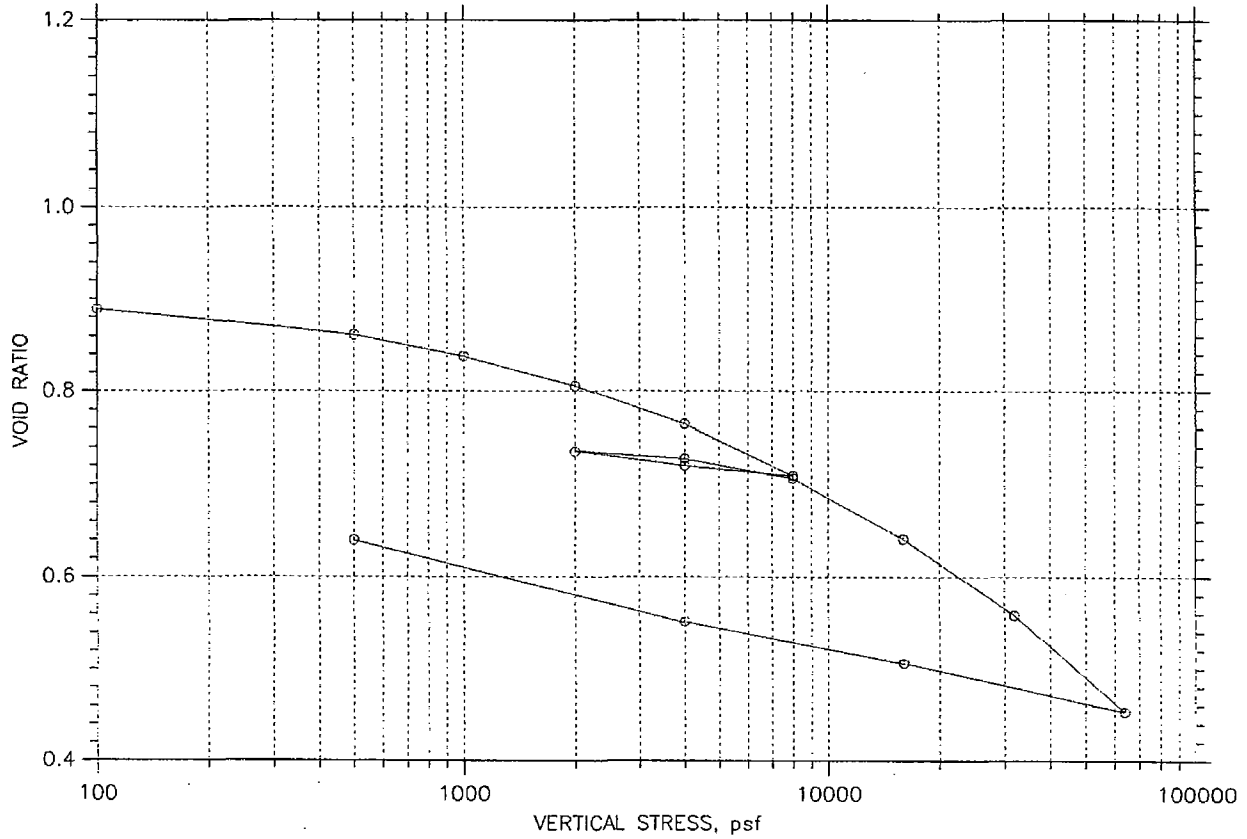
Constant Load Step: 16 of 16

Stress: 500. psf



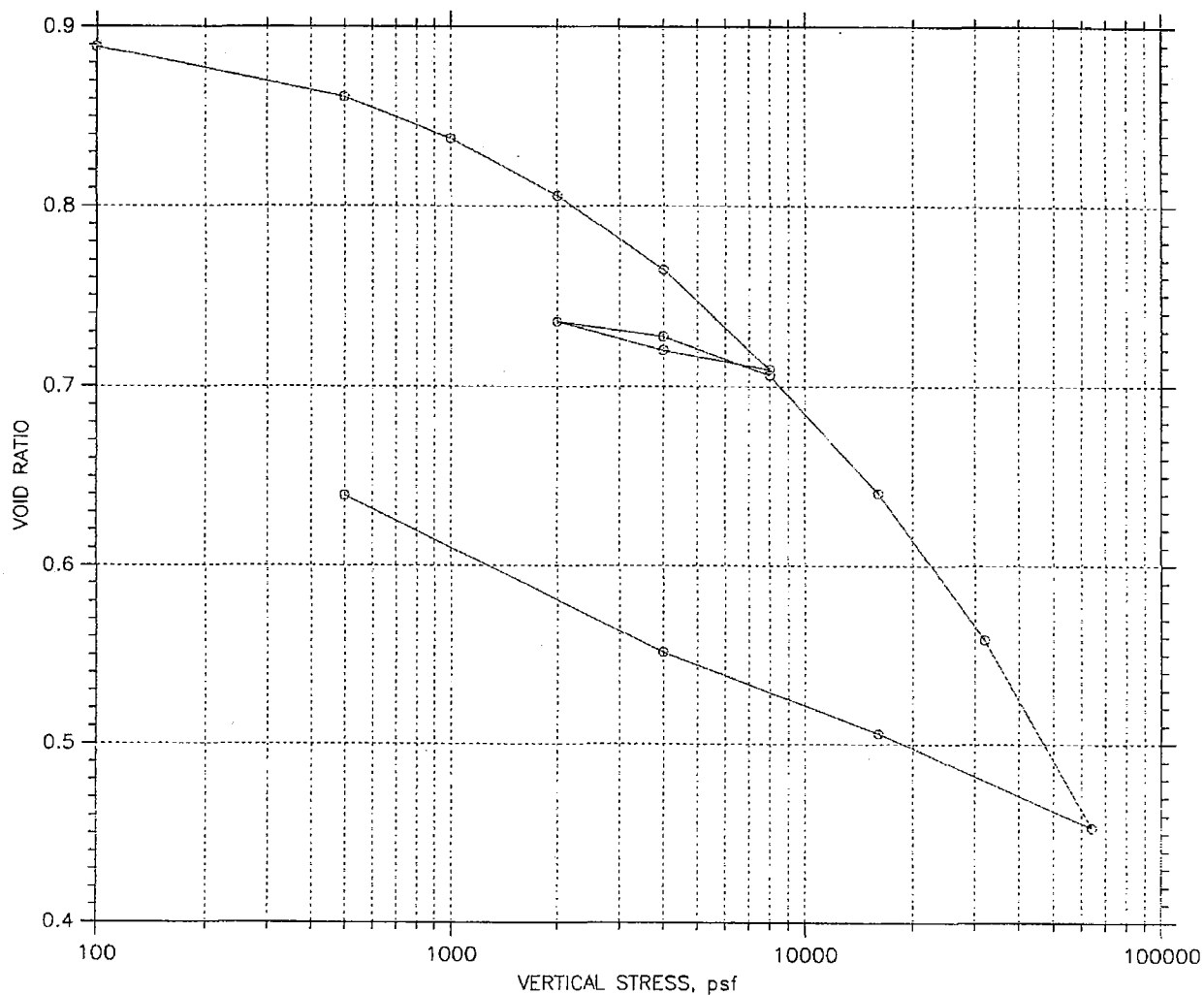
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-321	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 28.5 Ft.
	Test No.: 5398	Sample Type: Shelby Tube	Elevation:
	Description: Silty Sand		
	Remarks: Cr = 0.06		

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf		Water Content, %		20.89	20.78
Preconsolidation Pressure: 3.311e+004 psf		Dry Unit Weight, pcf		91.14	105.5
Compression Index: 0.352		Saturation, %		64.47	90.03
Diameter: 2.5 in	Height: 1 in	Void Ratio		0.90	0.64
LL: ---	PL: ---	Pt: ---	GS: 2.77		

MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/22/06
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-325
 Sample No.: UD-3
 Test No.: 5406

Location:
 Tested By: HJ
 Test Date: 9/22/06
 Sample Type: Shelby Tube

Project No.: 6234063534
 Checked By: JL
 Depth: 13.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.05

Measured Specific Gravity: 2.77
 Initial Void Ratio: 0.90
 Final Void Ratio: 0.64

Liquid Limit: ---
 Plastic Limit: ---
 Plasticity Index: ---

Initial Height: 1.00 in
 Specimen Diameter: 2.50 in

Container ID	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
		RING		
Wt. Container + Wet Soil, gm	141.96	287.88	287.75	287.75
Wt. Container + Dry Soil, gm	117.43	263.35	263.35	263.35
Wt. Container, gm	0	145.92	145.92	145.92
Wt. Dry Soil, gm	117.43	117.43	117.43	117.43
Water Content, %	20.89	20.89	20.78	20.78
Void Ratio	---	0.90	0.64	---
Degree of Saturation, %	---	64.47	90.03	---
Dry Unit Weight, pcf	---	91.135	105.49	---

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-325
 Sample No.: UD-3
 Test No.: 5406

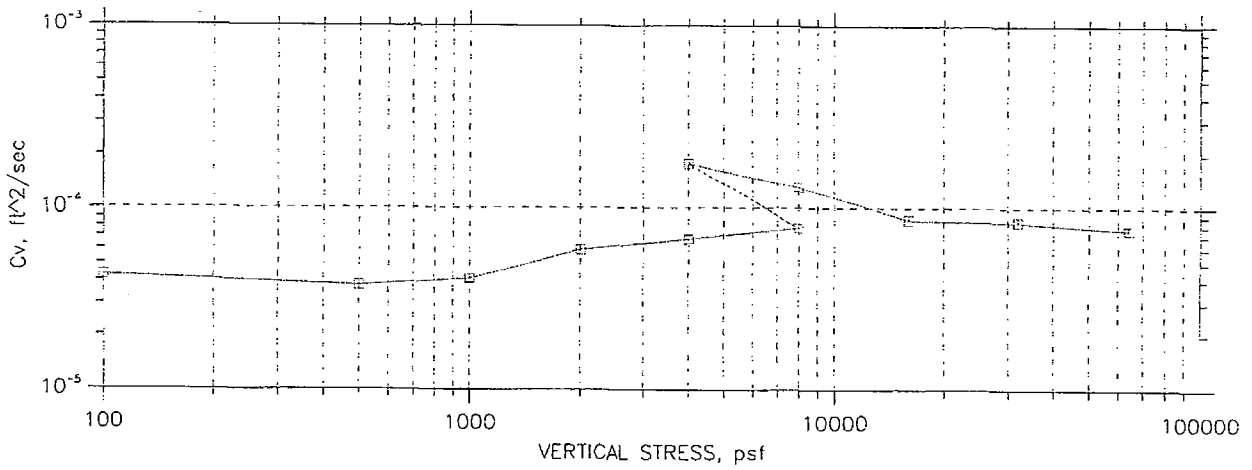
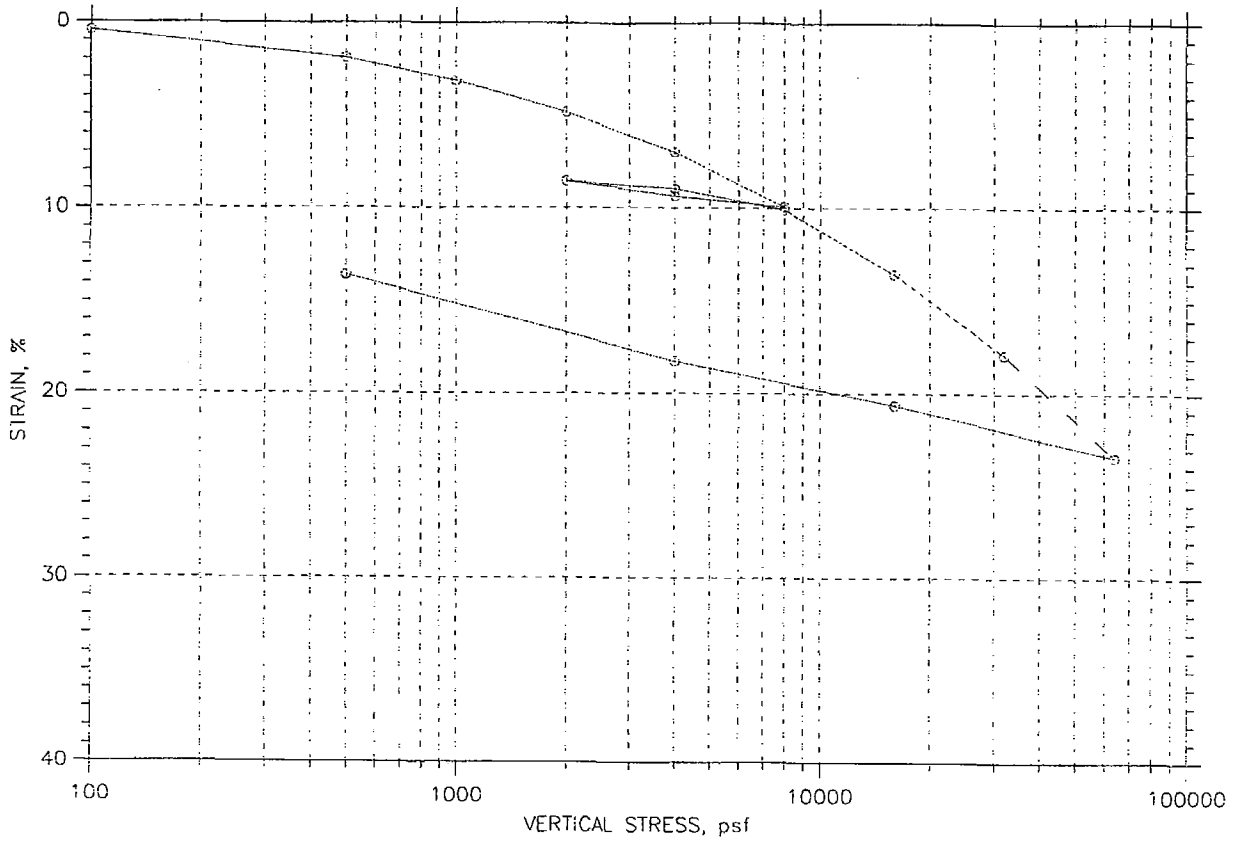
Location:
 Tested By: HJ
 Test Date: 9/22/06
 Sample Type: Shelby Tube

Project No.: 6234063534
 Checked By: JL
 Depth: 13.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.05

	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.004529	0.889	0.45	0.1	0.0	4.25e-005	0.00e+000	4.25e-005
2	500	0.01917	0.861	1.92	0.1	0.0	3.74e-005	0.00e+000	3.74e-005
3	1e+003	0.03144	0.838	3.14	0.1	0.0	4.07e-005	0.00e+000	4.07e-005
4	2e+003	0.04833	0.806	4.83	0.1	0.1	5.49e-005	6.40e-005	5.91e-005
5	4e+003	0.07001	0.765	7.00	0.1	0.1	6.26e-005	7.32e-005	6.75e-005
6	8e+003	0.09928	0.709	9.93	0.1	0.1	6.68e-005	9.49e-005	7.84e-005
7	4e+003	0.09366	0.720	9.37	0.0	0.0	1.73e-004	0.00e+000	1.73e-004
8	2e+003	0.08551	0.735	8.55	0.1	0.0	7.13e-005	0.00e+000	7.13e-005
9	4e+003	0.08965	0.727	8.96	0.0	0.0	1.79e-004	0.00e+000	1.79e-004
10	8e+003	0.1009	0.706	10.09	0.0	0.0	1.31e-004	0.00e+000	1.31e-004
11	1.6e+004	0.1353	0.641	13.53	0.1	0.0	7.90e-005	9.65e-005	8.69e-005
12	3.2e+004	0.1785	0.559	17.85	0.1	0.0	7.32e-005	1.01e-004	8.50e-005
13	6.4e+004	0.234	0.453	23.40	0.1	0.0	6.63e-005	9.01e-005	7.64e-005
14	1.6e+004	0.2063	0.506	20.63	0.0	0.0	9.70e-005	0.00e+000	9.70e-005
15	4e+003	0.1823	0.552	18.23	0.1	0.0	6.69e-005	1.07e-004	8.24e-005
16	500	0.1361	0.639	13.61	0.1	0.1	2.76e-005	3.59e-005	3.12e-005

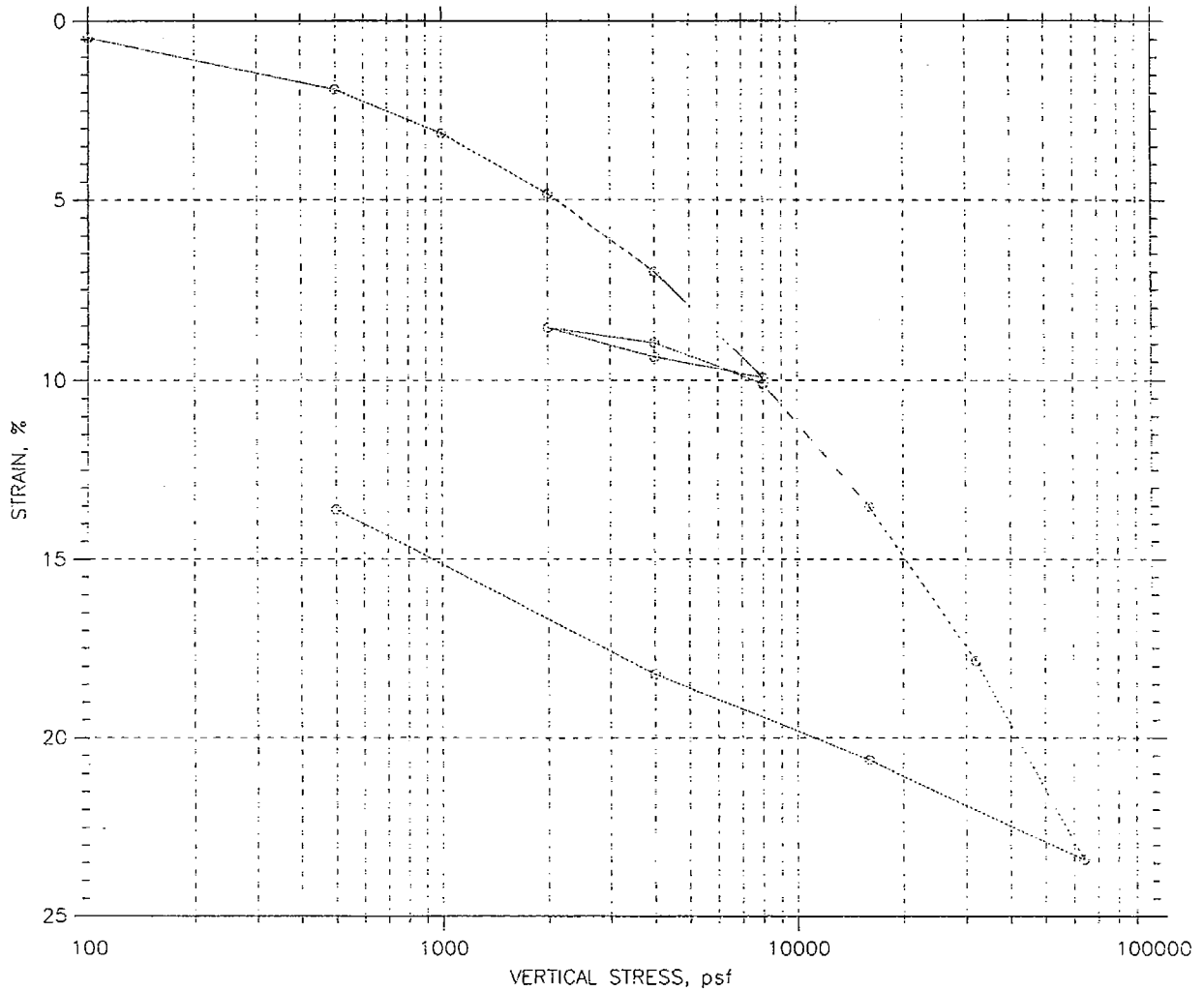
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/29/06
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 0 psf				Water Content, %	20.89	20.78
Preconsolidation Pressure: 3.311e+004 psf				Dry Unit Weight, pcf	91.14	105.5
Compression Index: 0.352				Saturation, %	64.47	90.03
Diameter: 2.5 in		Height: 1 in		Void Ratio	0.90	0.64
LL: ---	PL: ---	PI: ---	GS: 2.77			

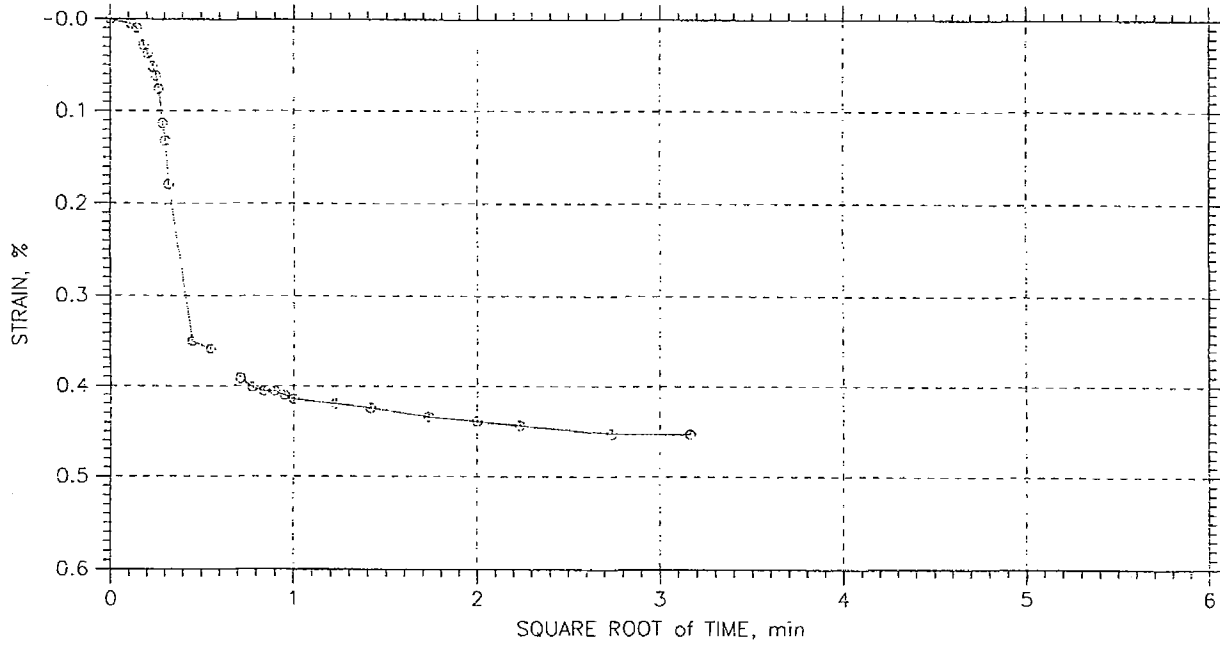
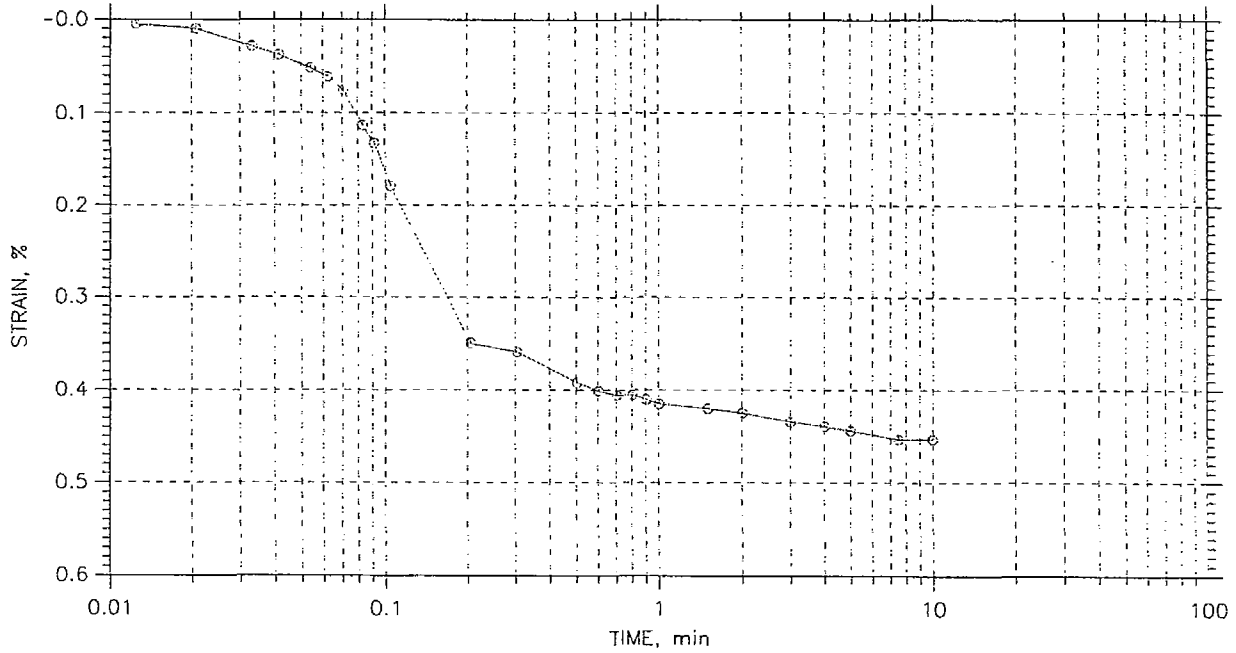
MACTEC	Project: SCE&G COL		Location:	Project No.: 6234063534
	Boring No.: B-325		Tested By: HJ	Checked By: JL <i>JL 11/24/06</i>
	Sample No.: UD-3		Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406		Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand			
	Remarks: Cr = 0.05			

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 16

Stress: 100. psf



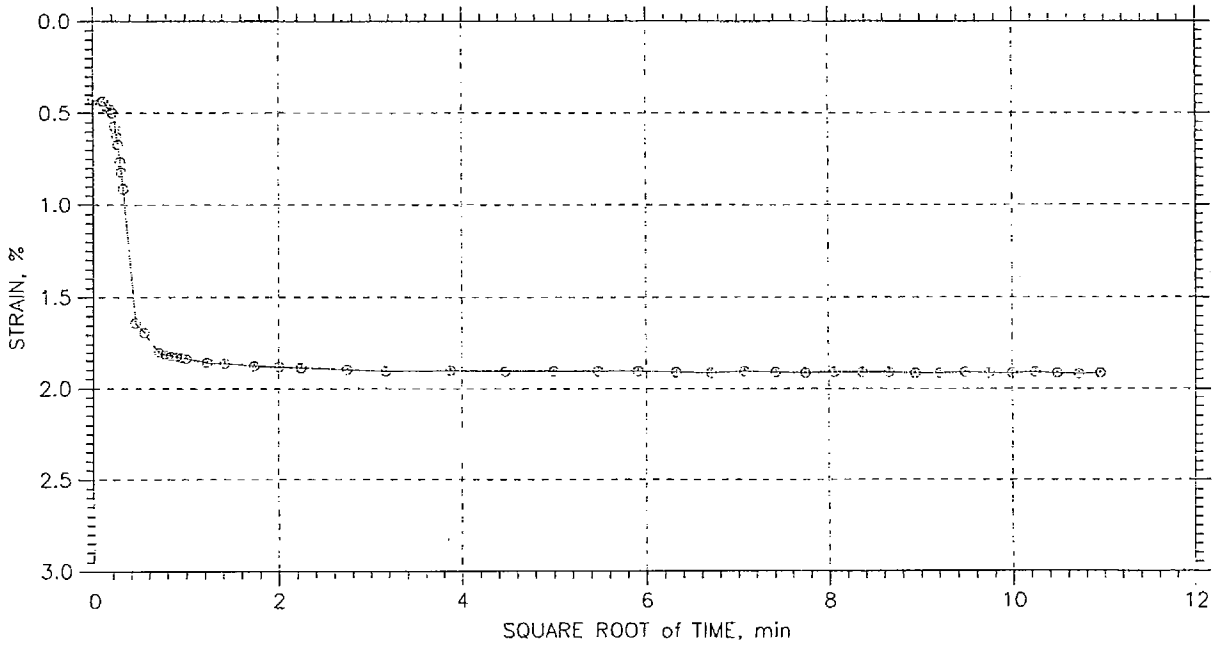
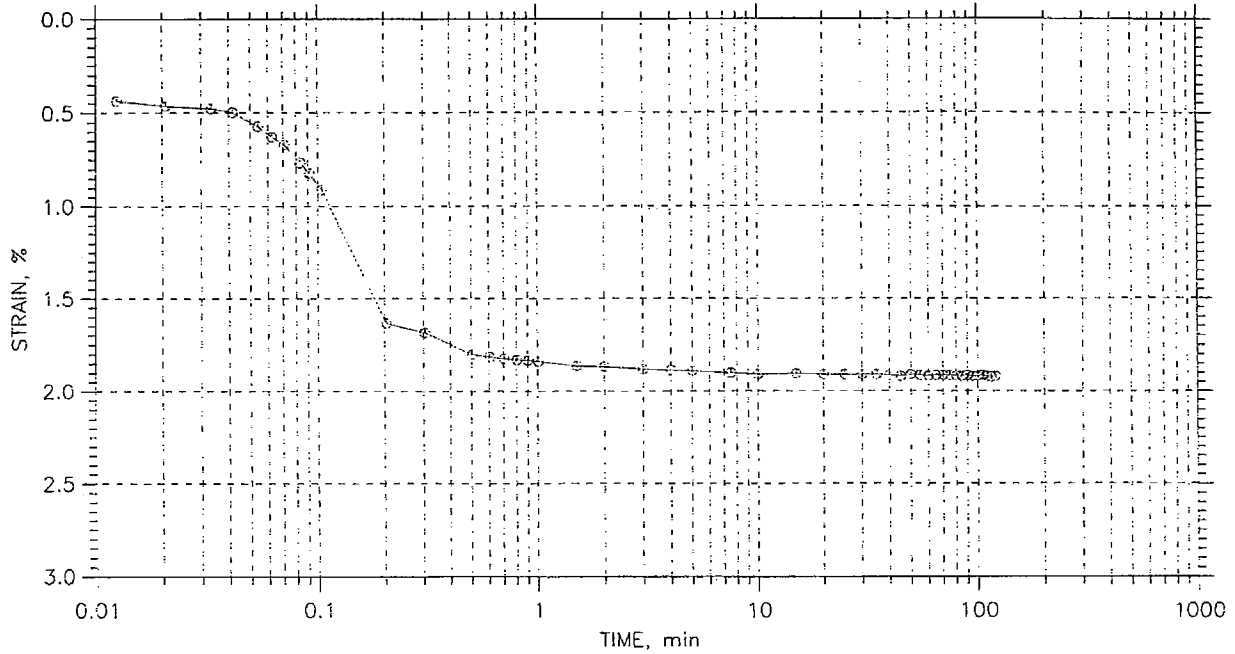
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 16

Stress: 500. psf



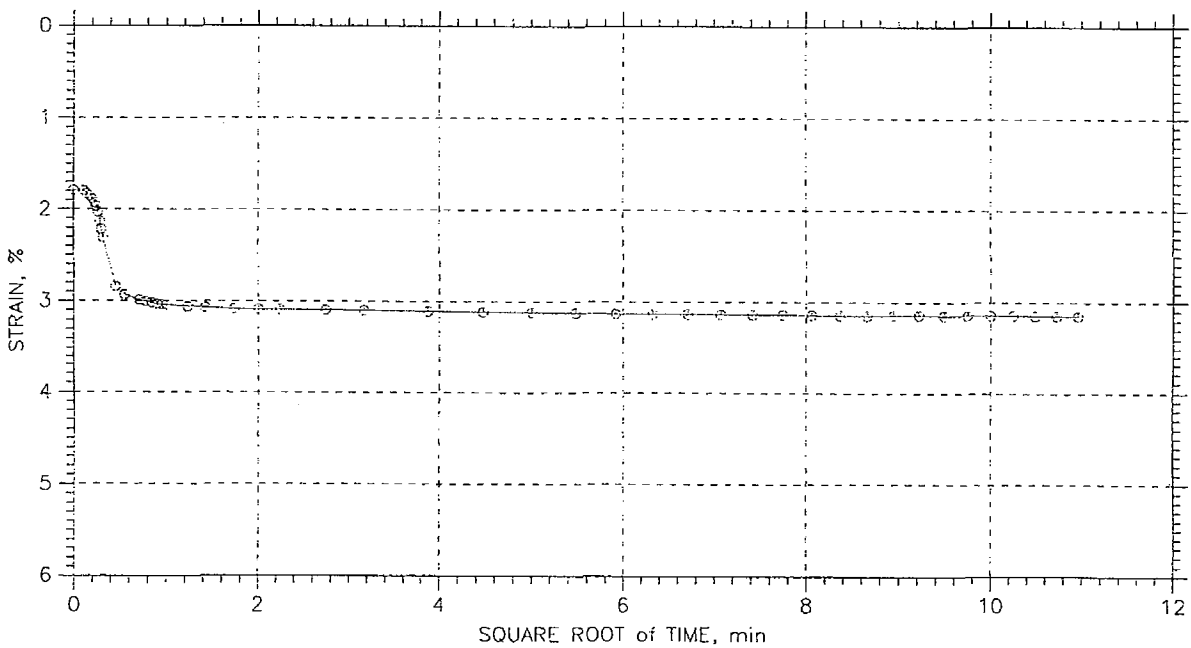
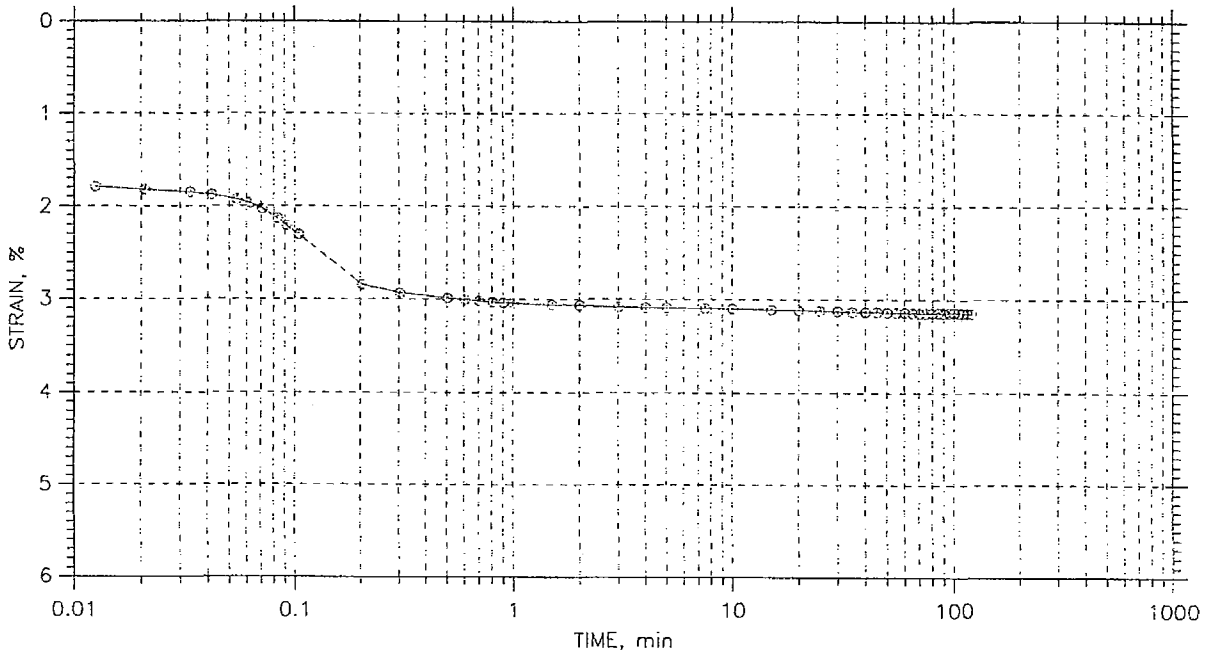
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 16

Stress: 1000. psf



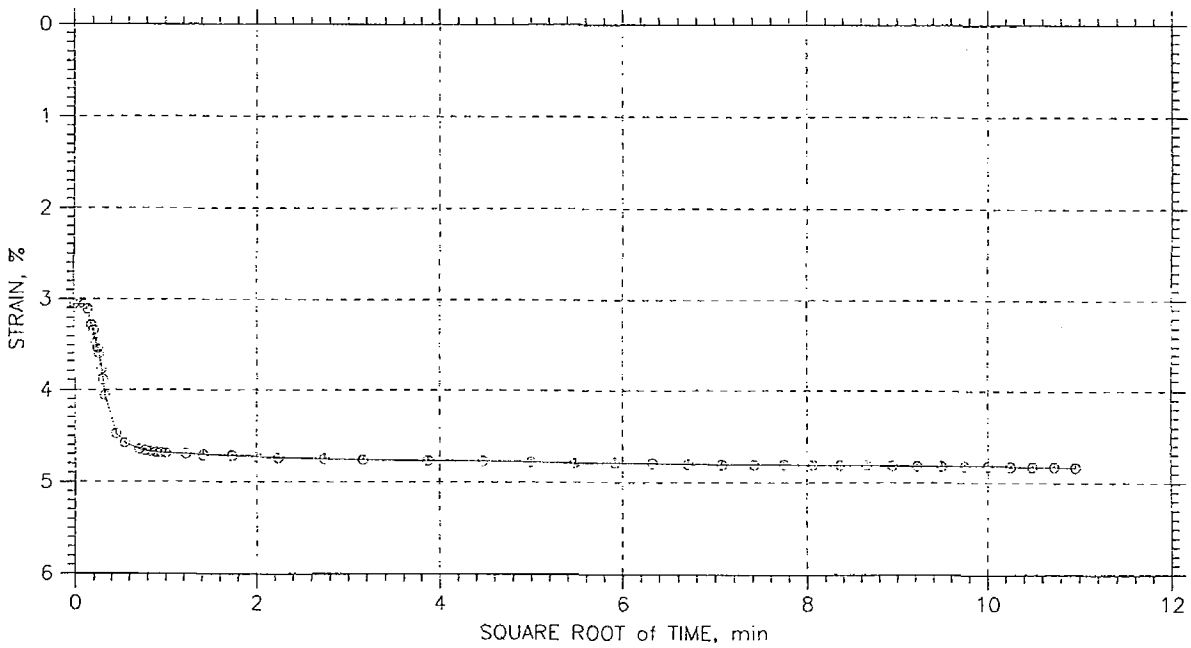
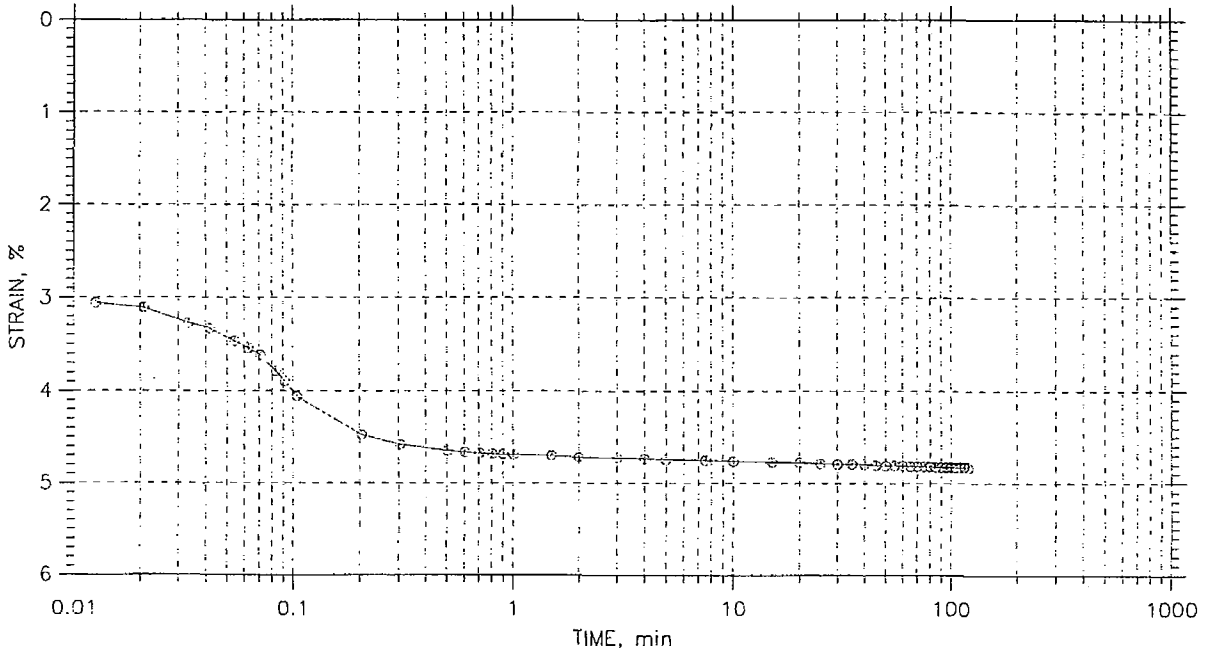
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 16

Stress: 2000. psf



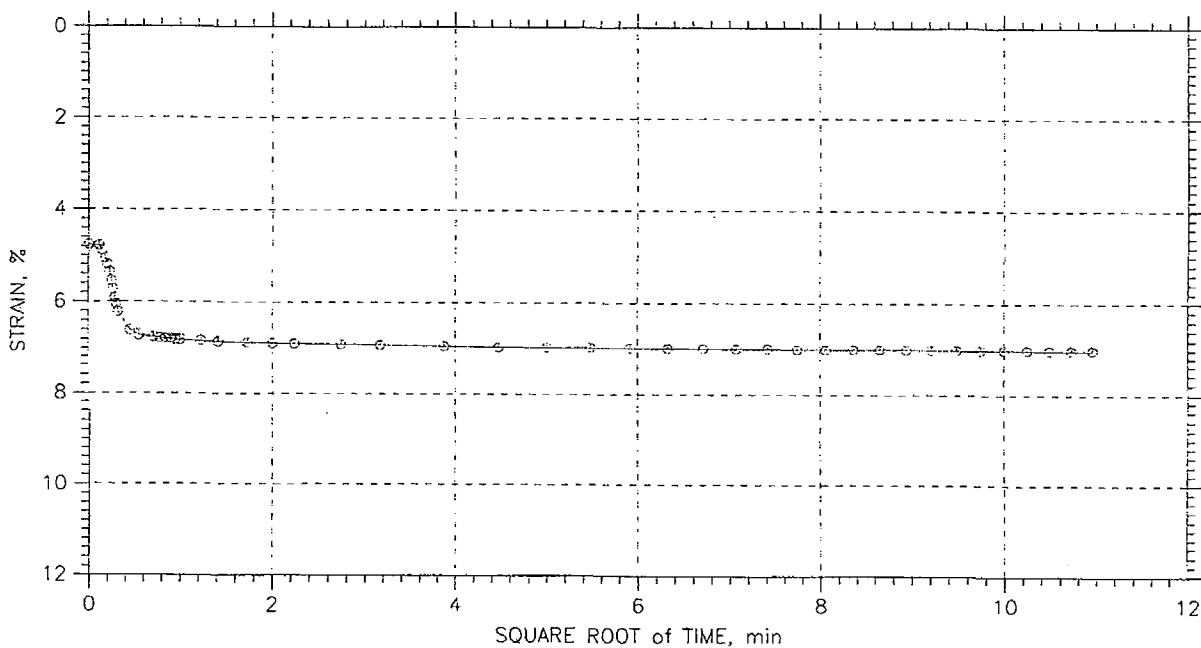
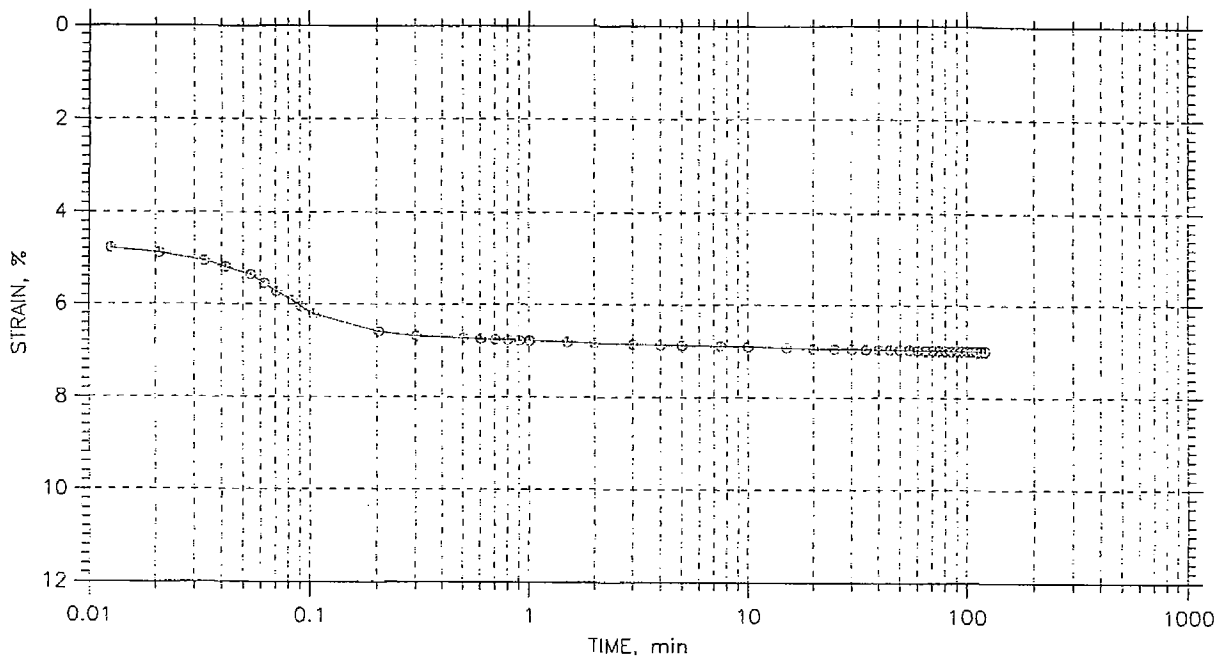
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 16

Stress: 4000. psf



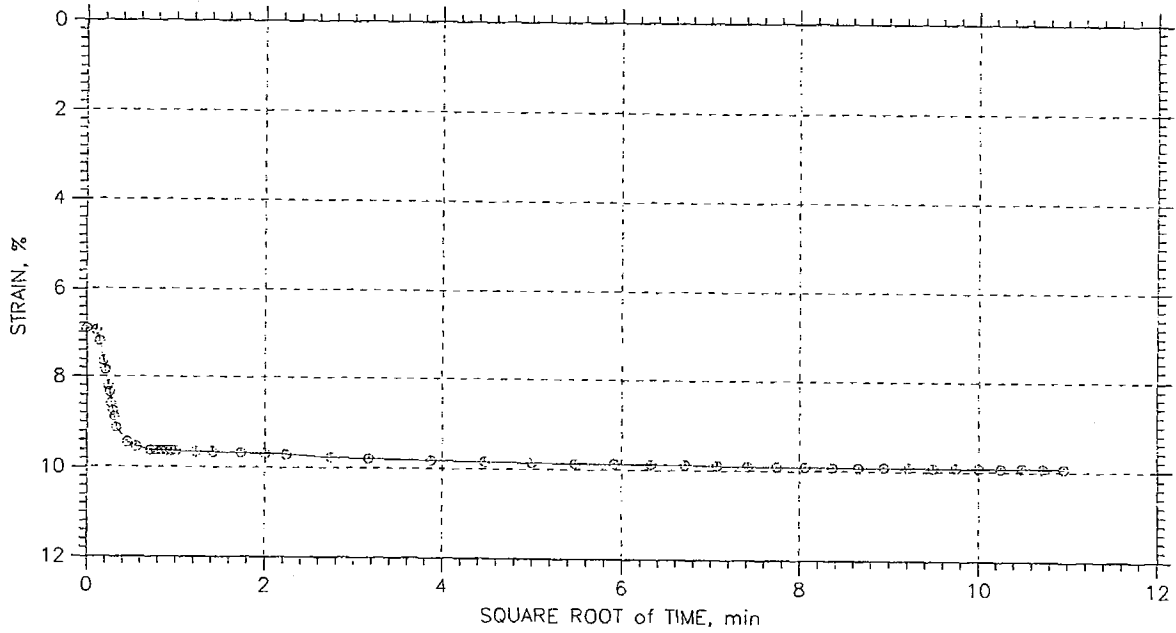
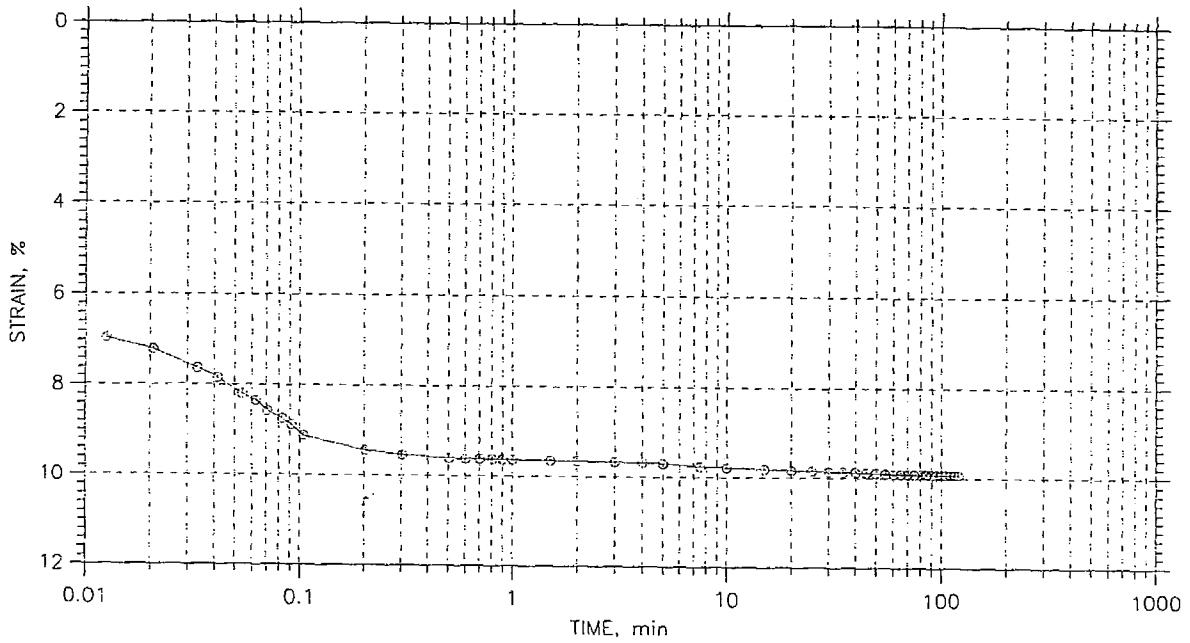
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 16

Stress: 8000. psf



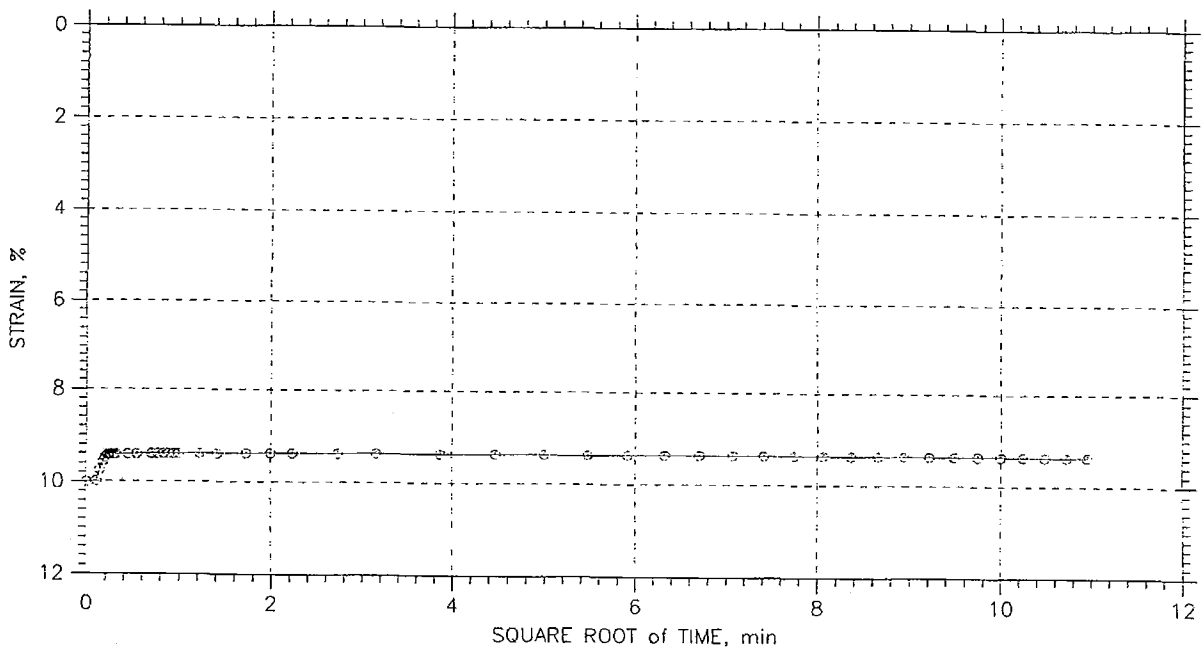
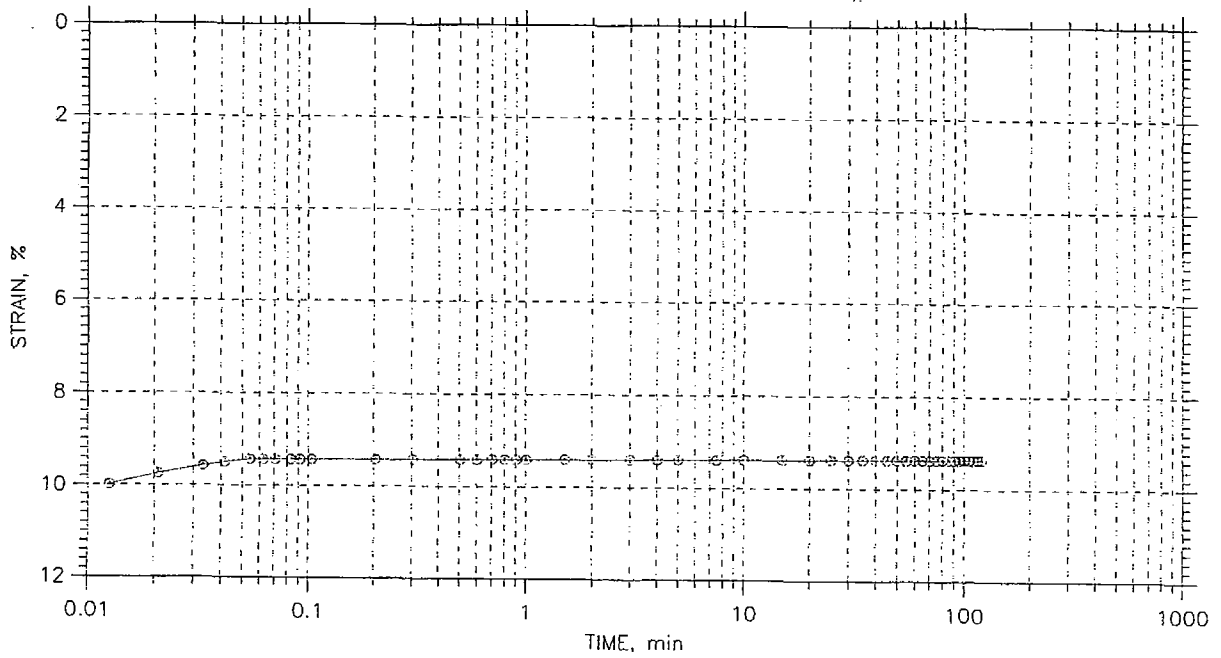
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 16

Stress: 4000. psf



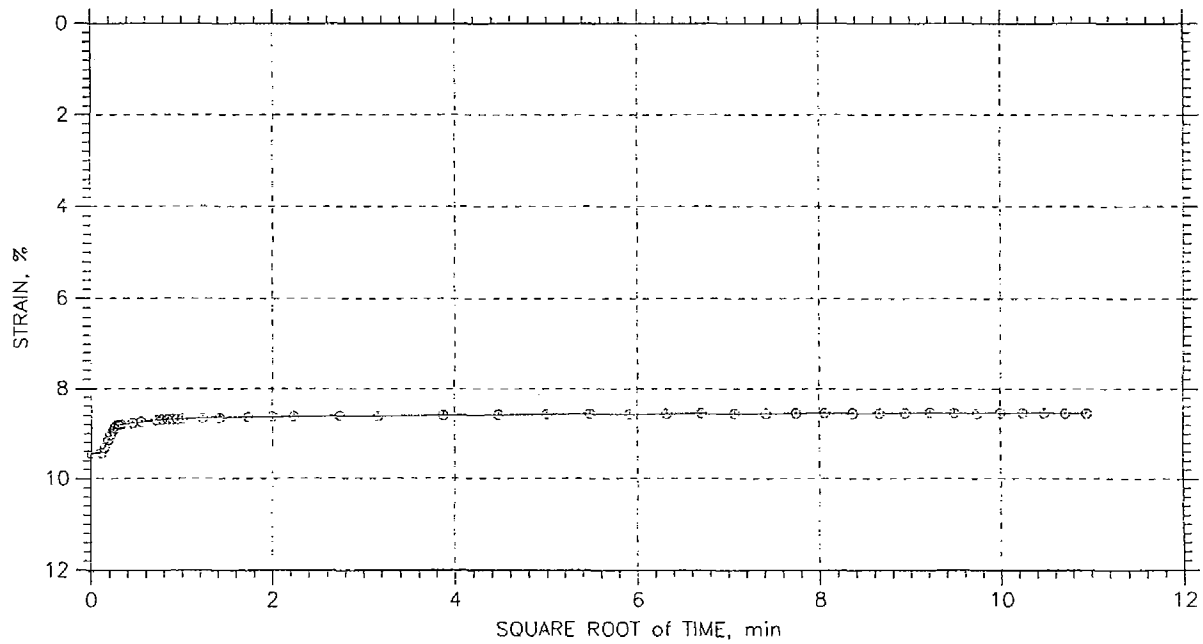
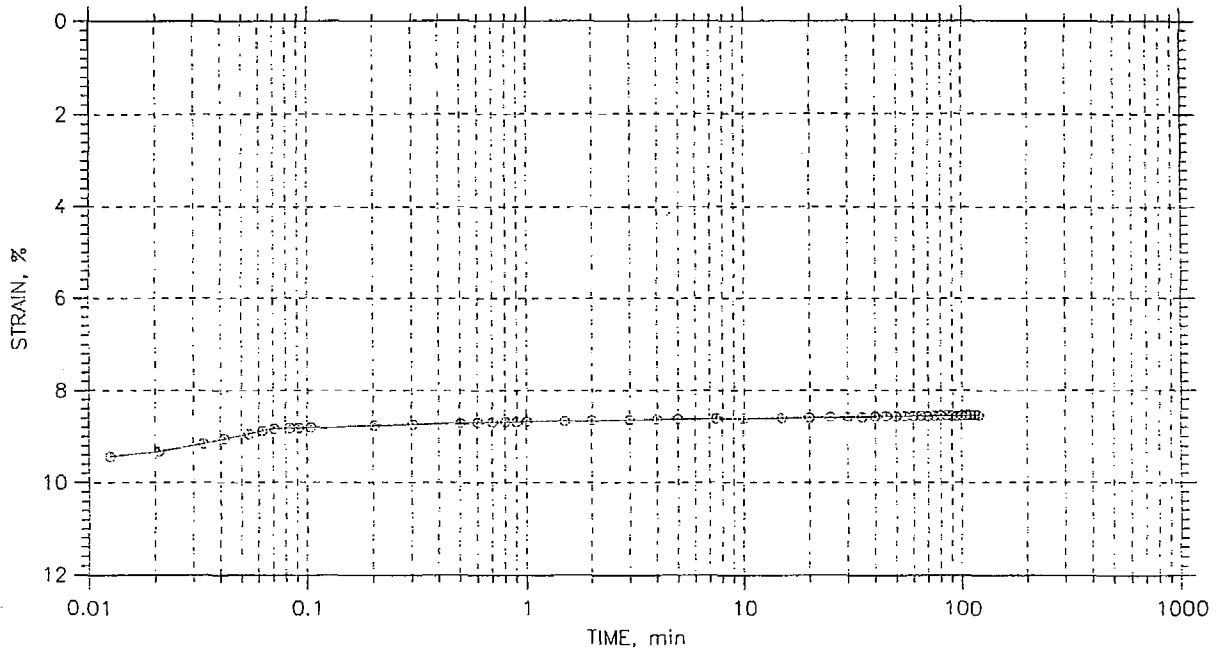
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 16

Stress: 2000. psf



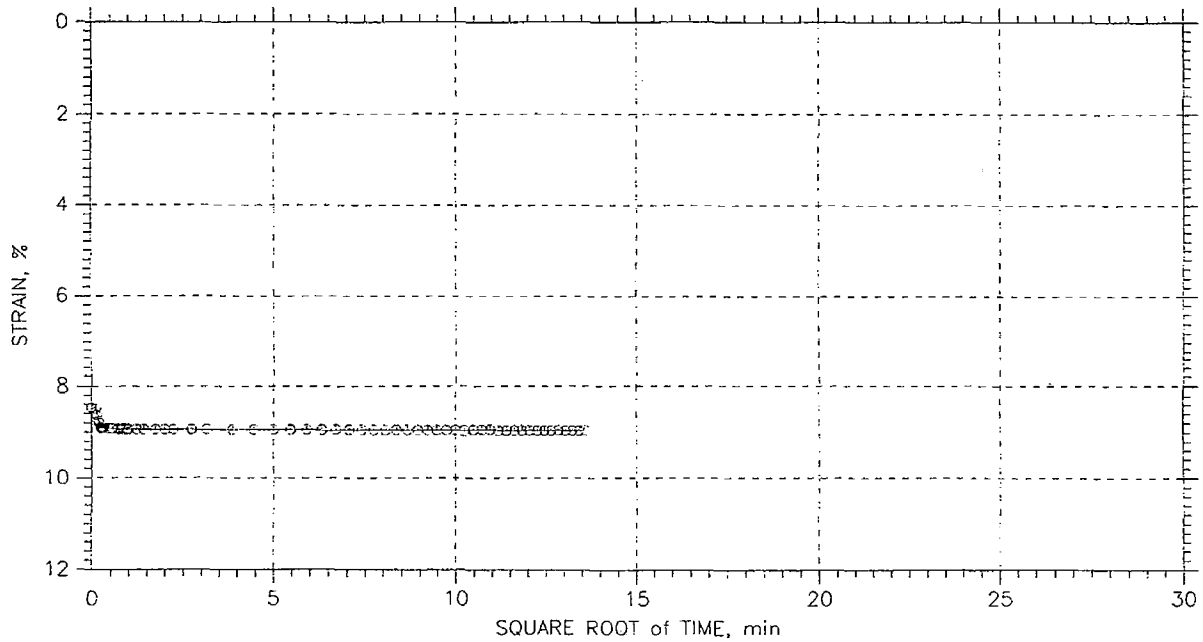
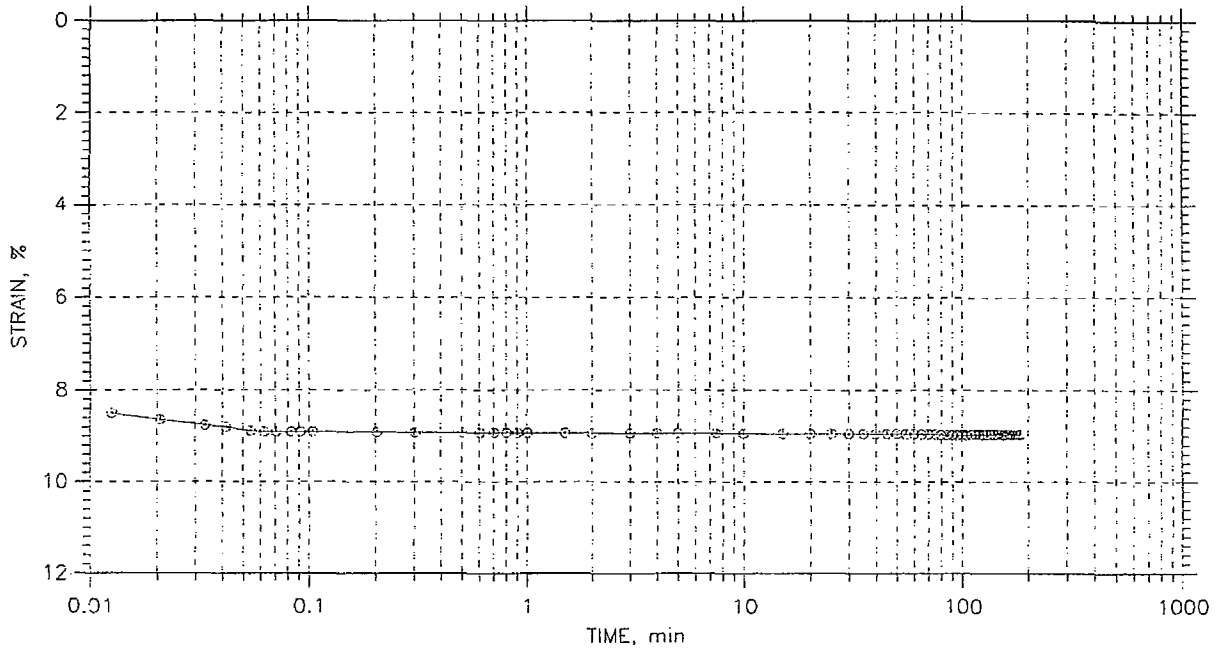
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 16

Stress: 4000. psf



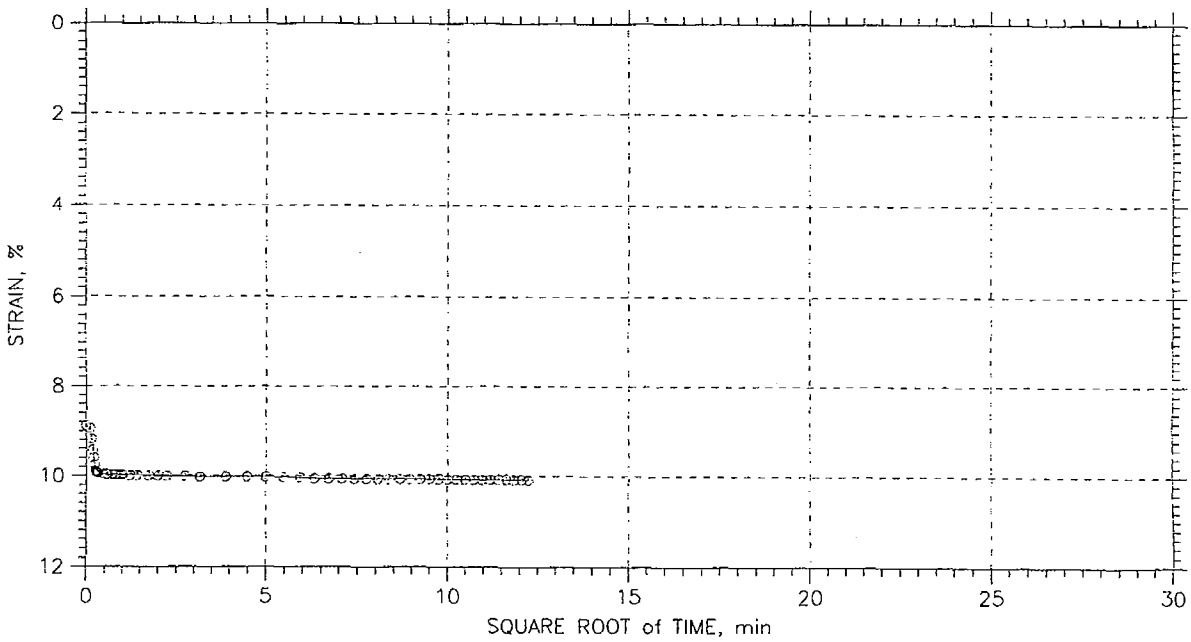
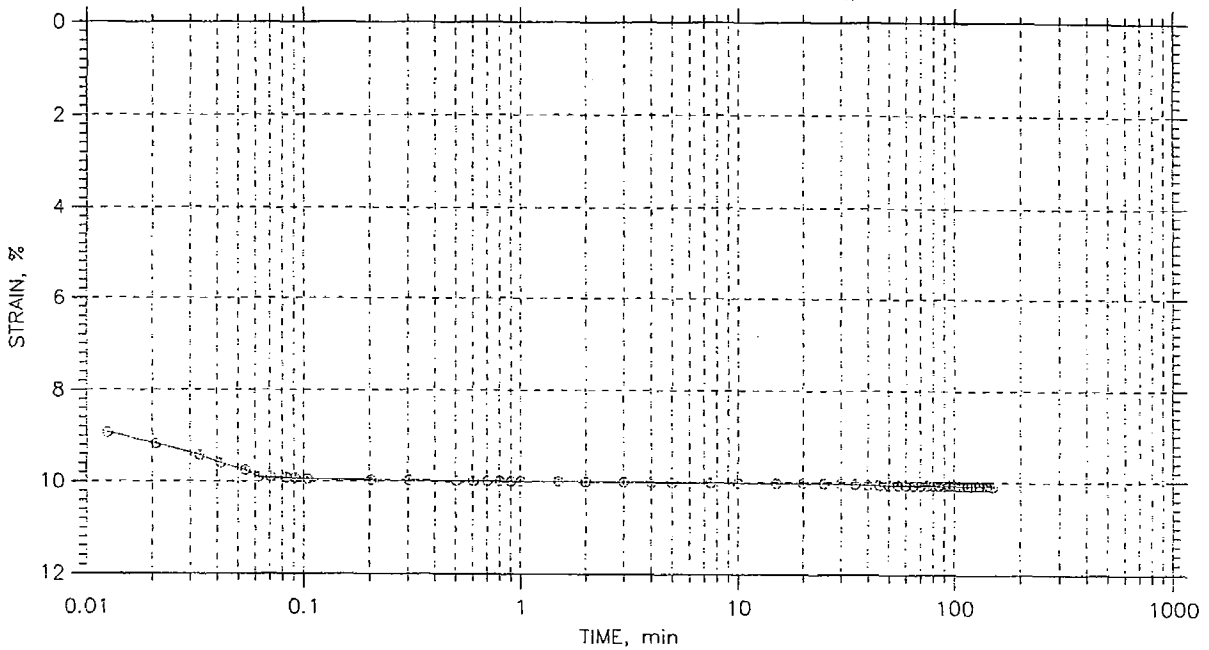
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 16

Stress: 8000. psf



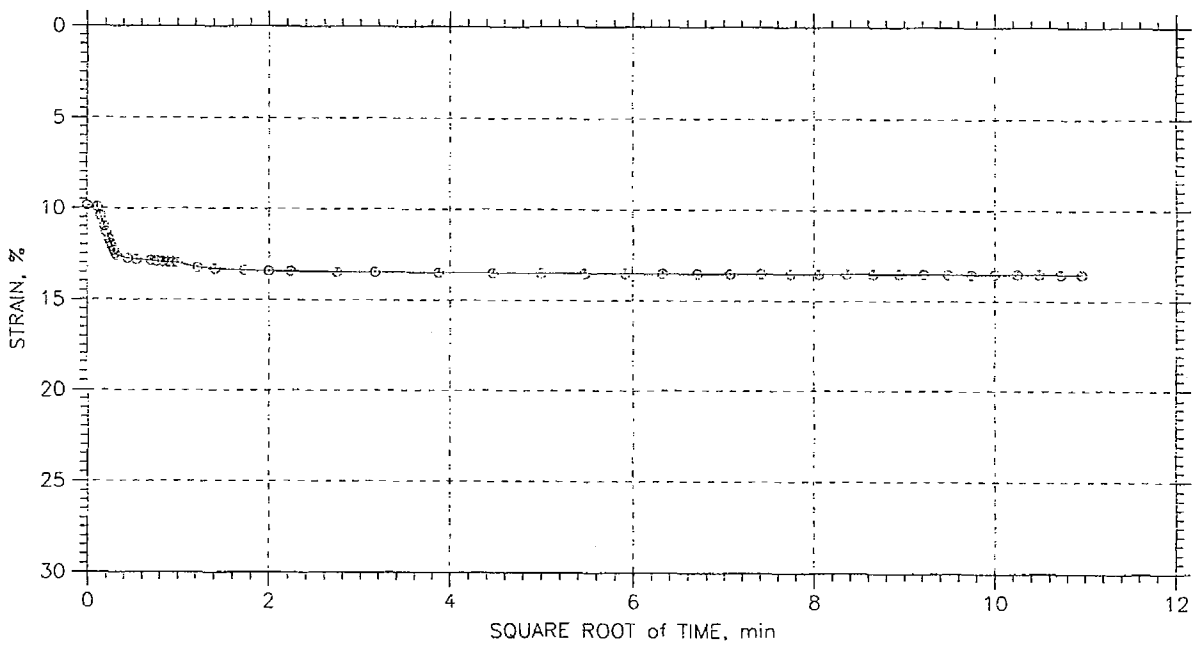
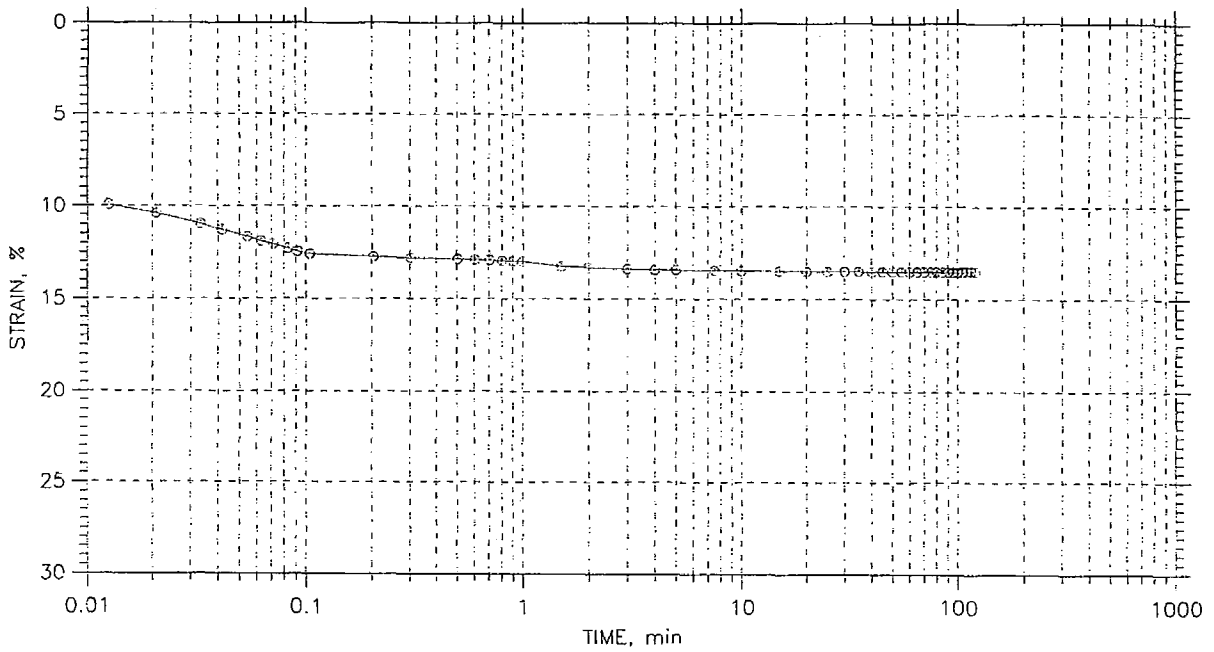
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 16

Stress: 16000 psf



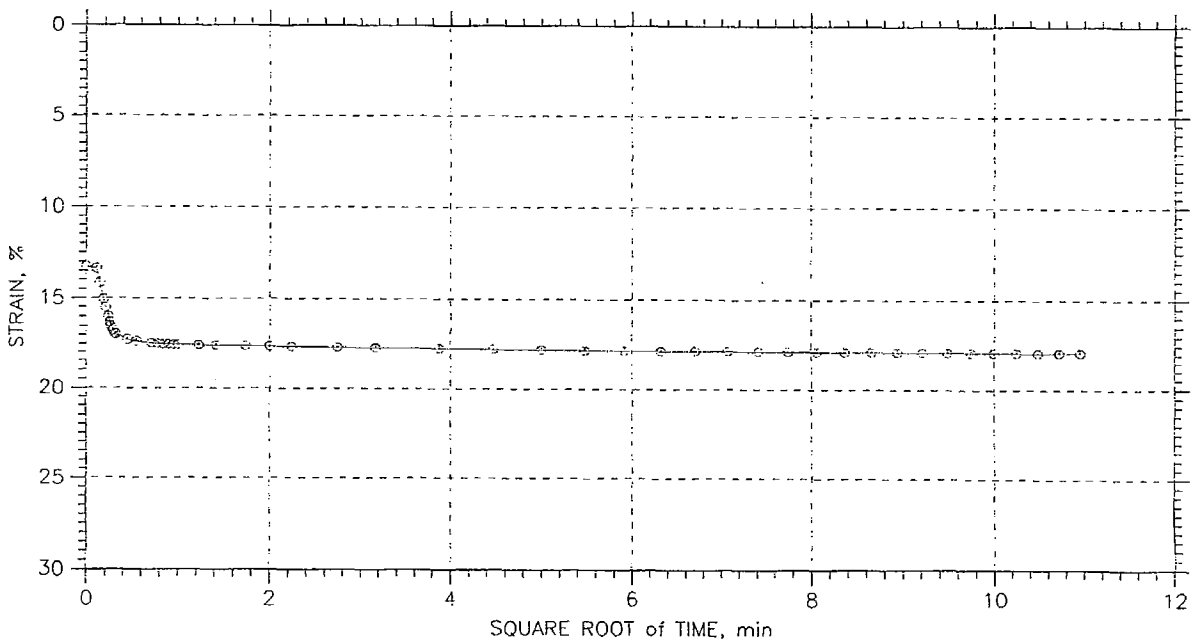
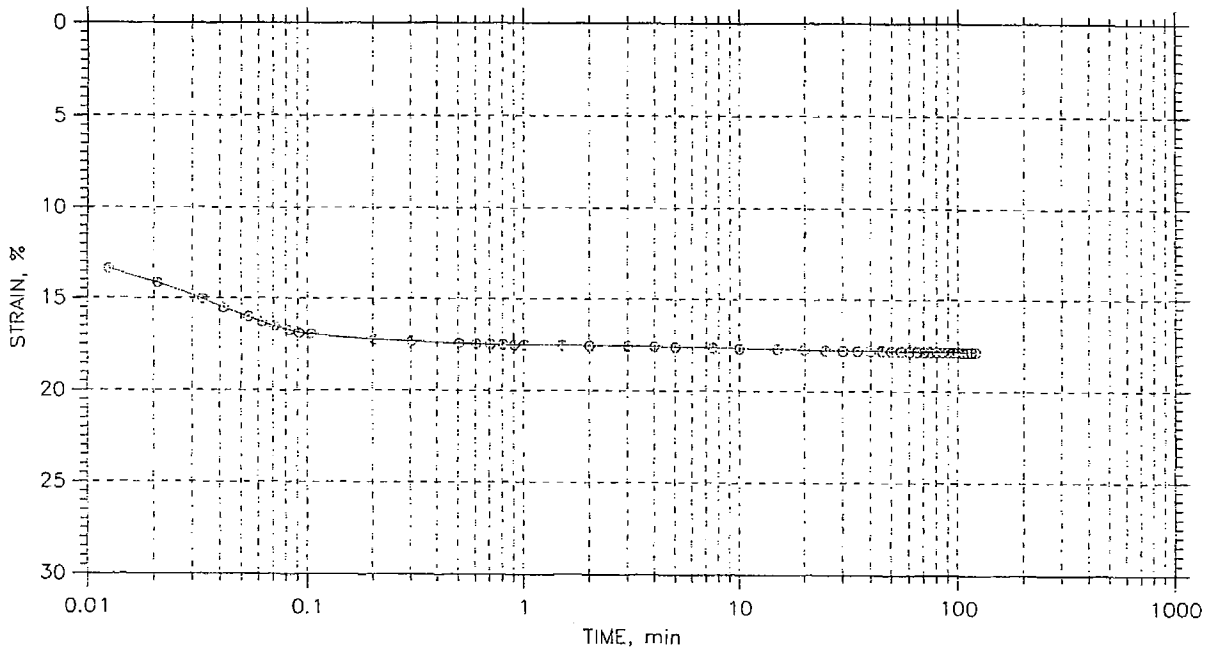
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 16

Stress: 32000 psf



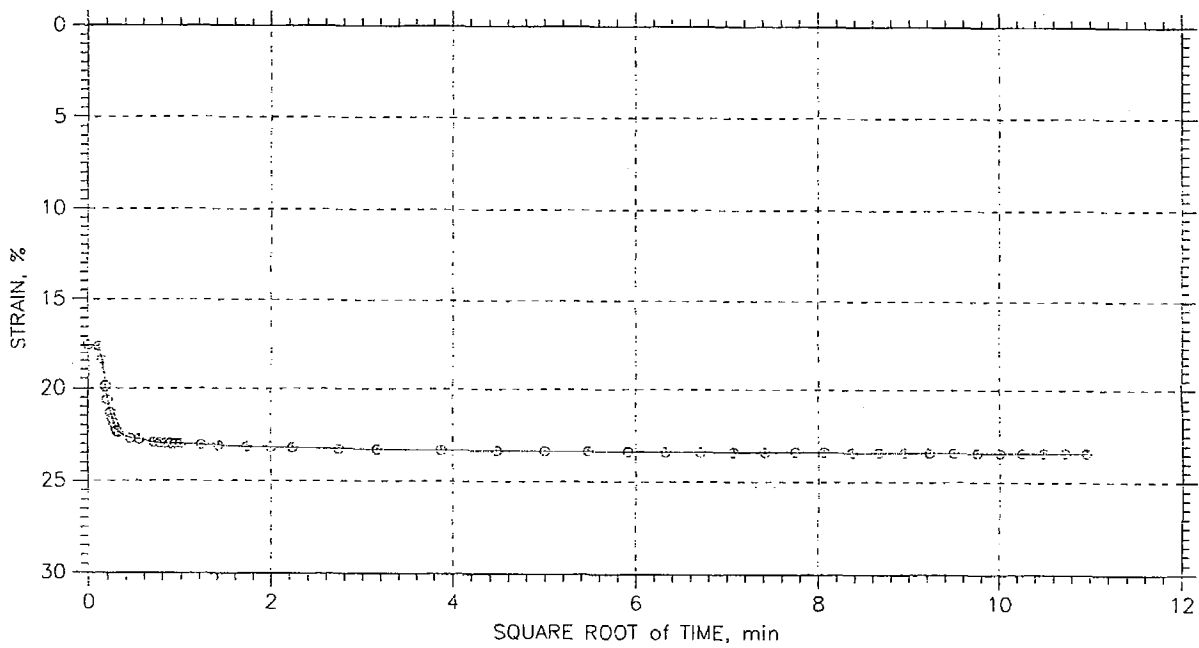
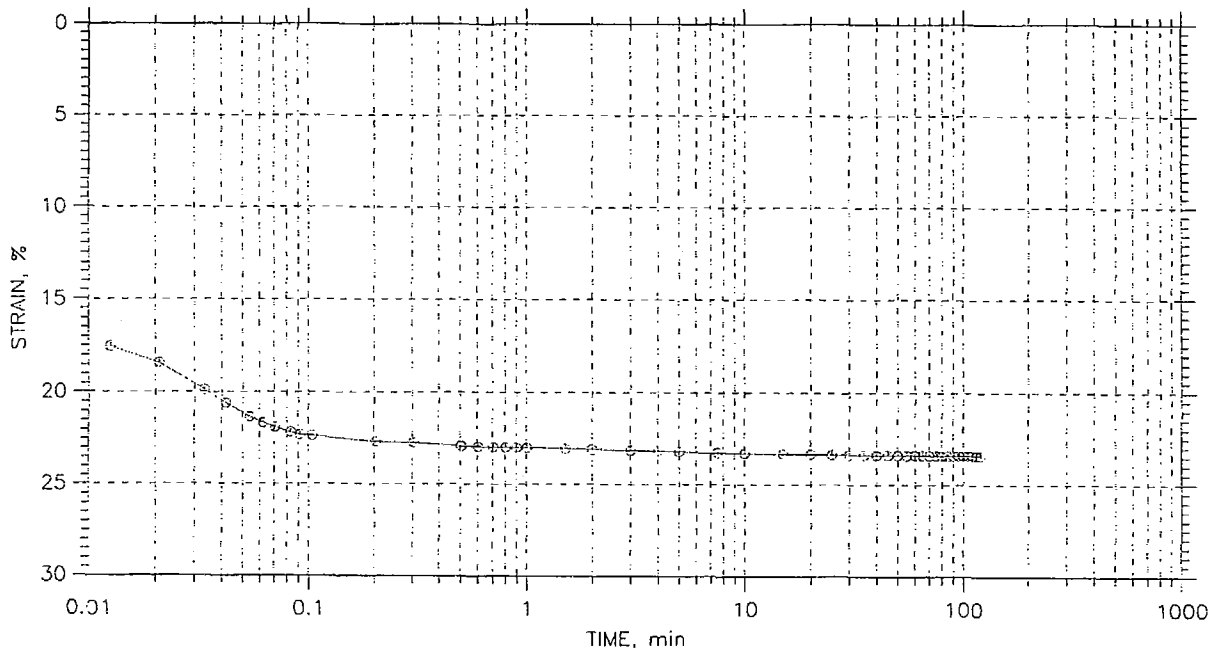
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 16

Stress: 64000 psf



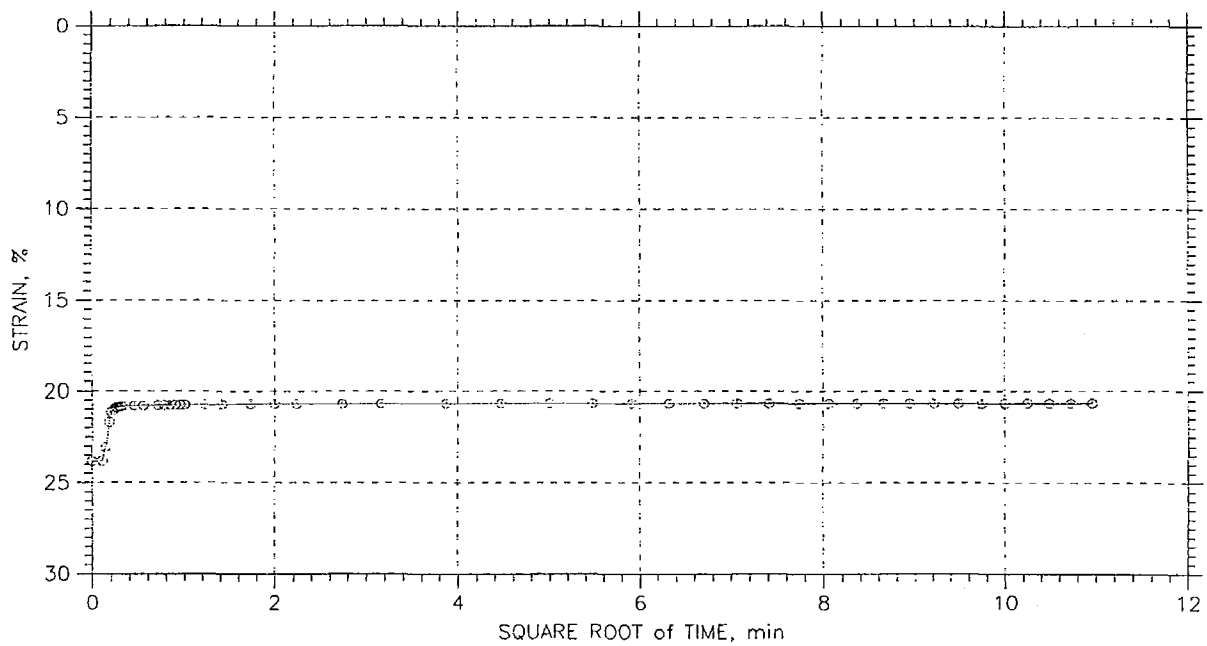
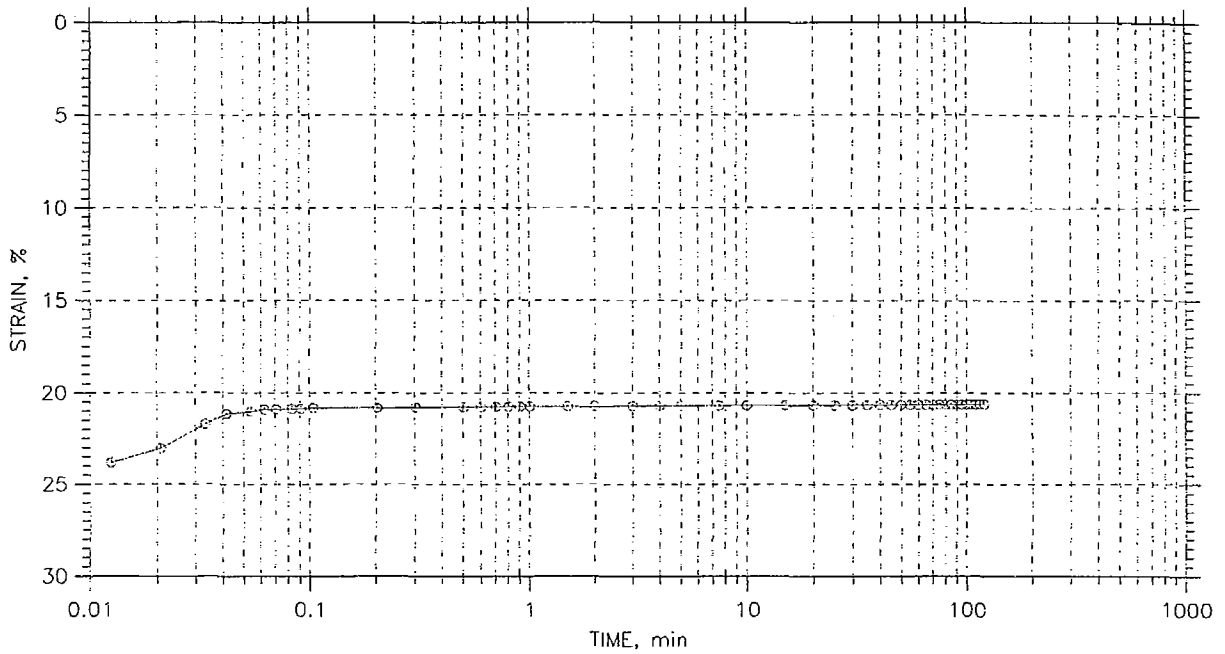
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 16

Stress: 16000 psf



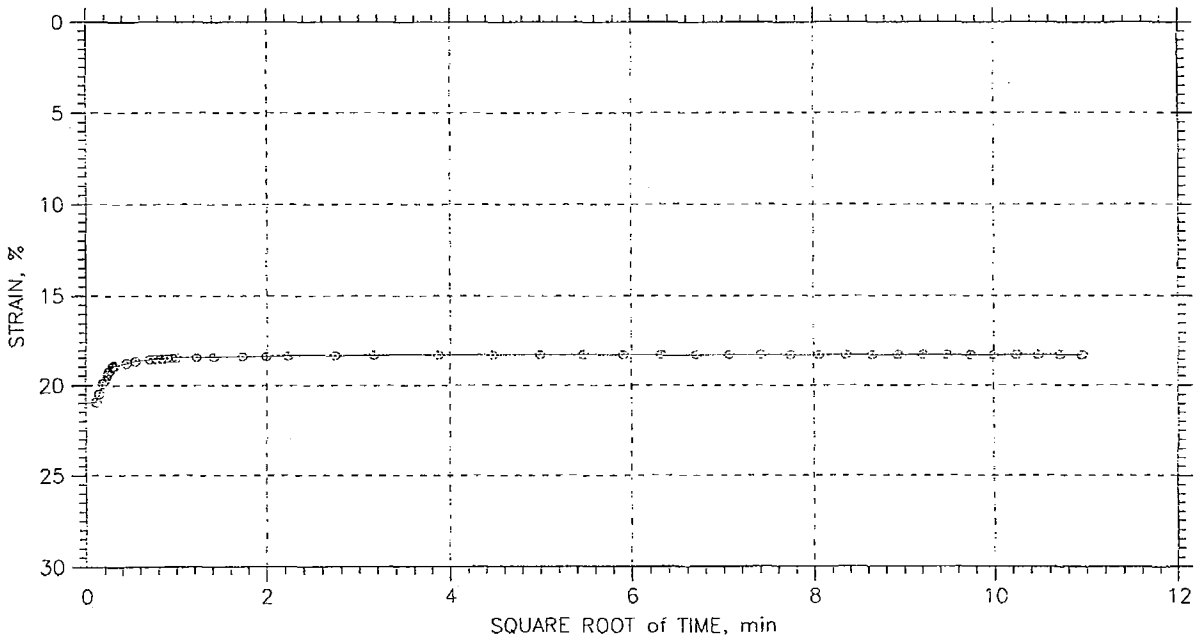
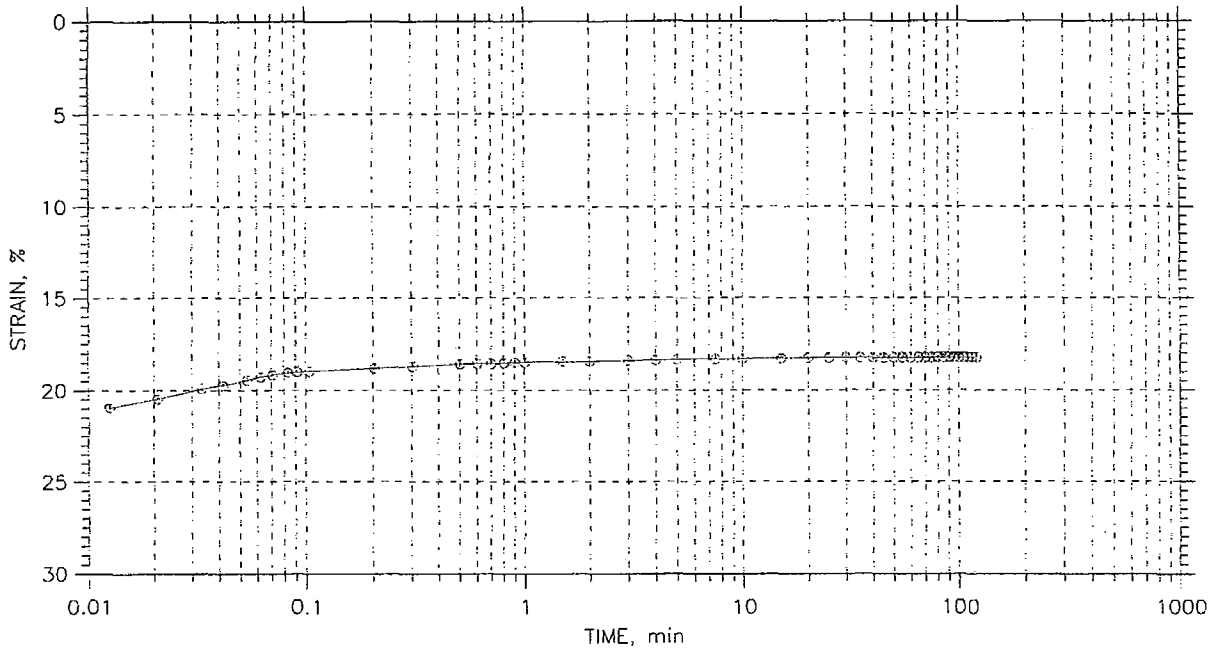
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 16

Stress: 4000. psf



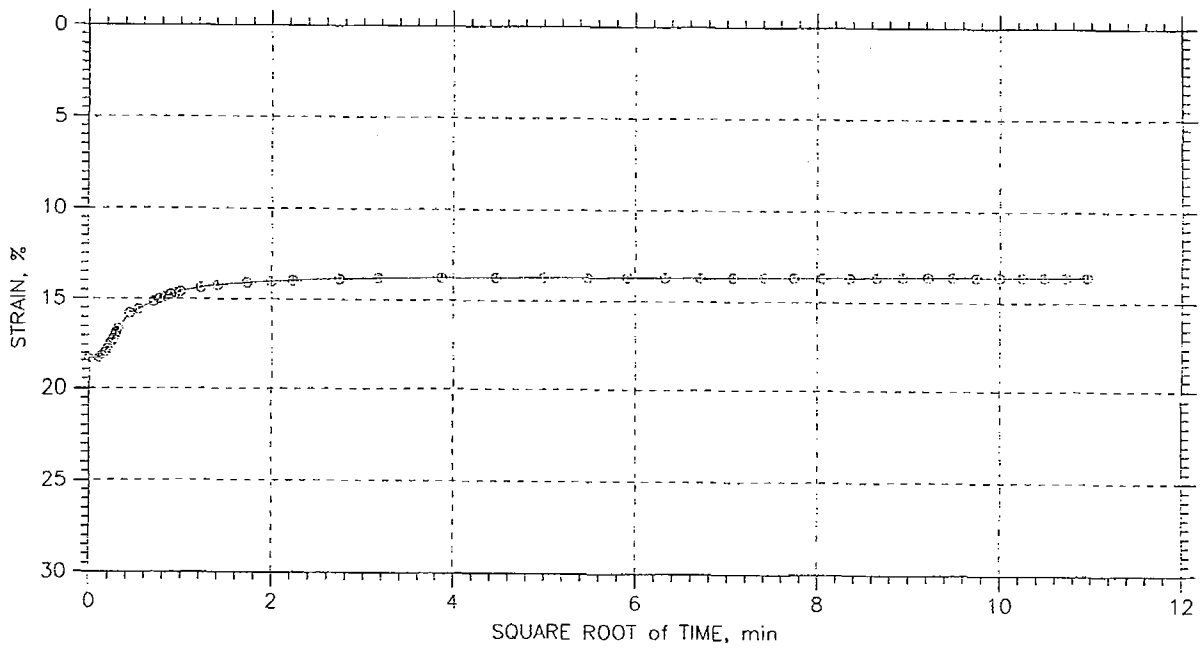
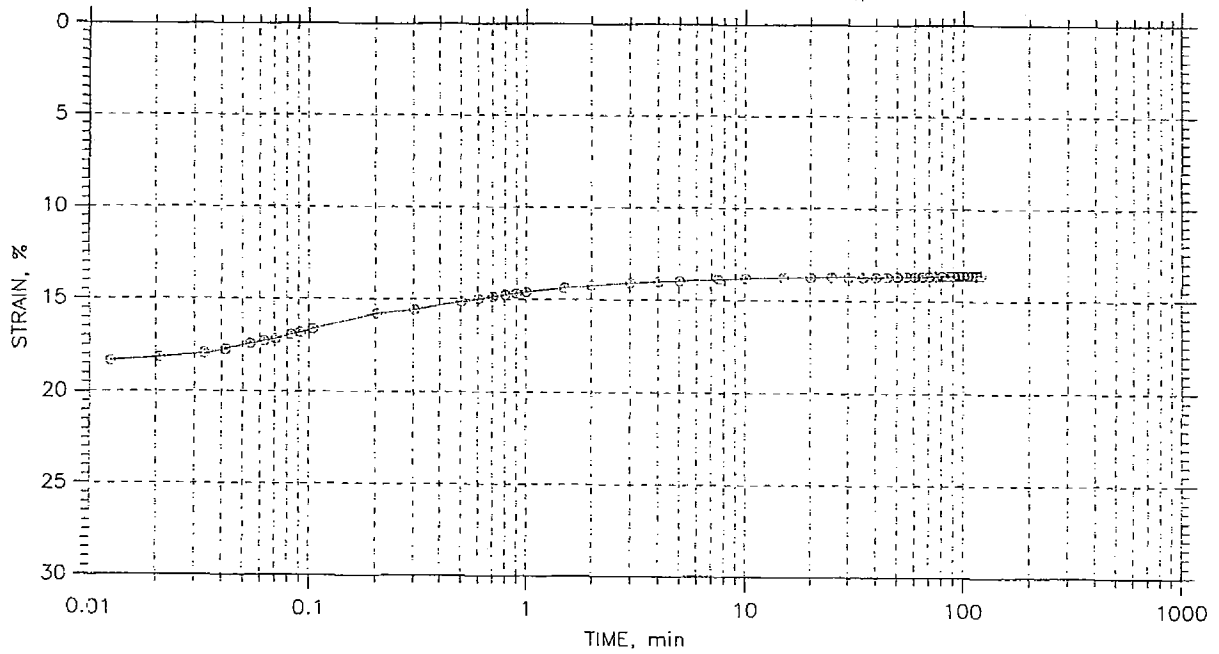
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

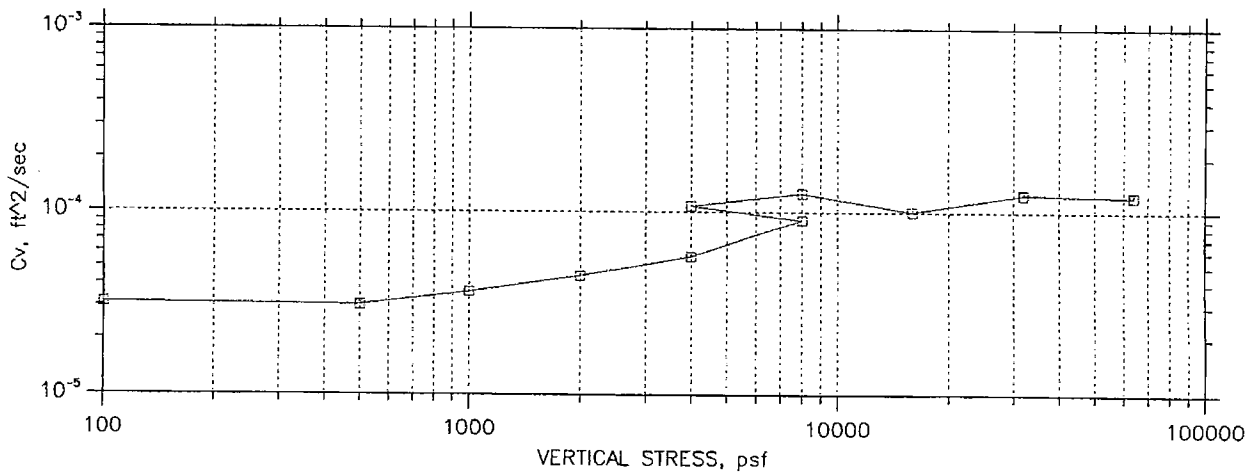
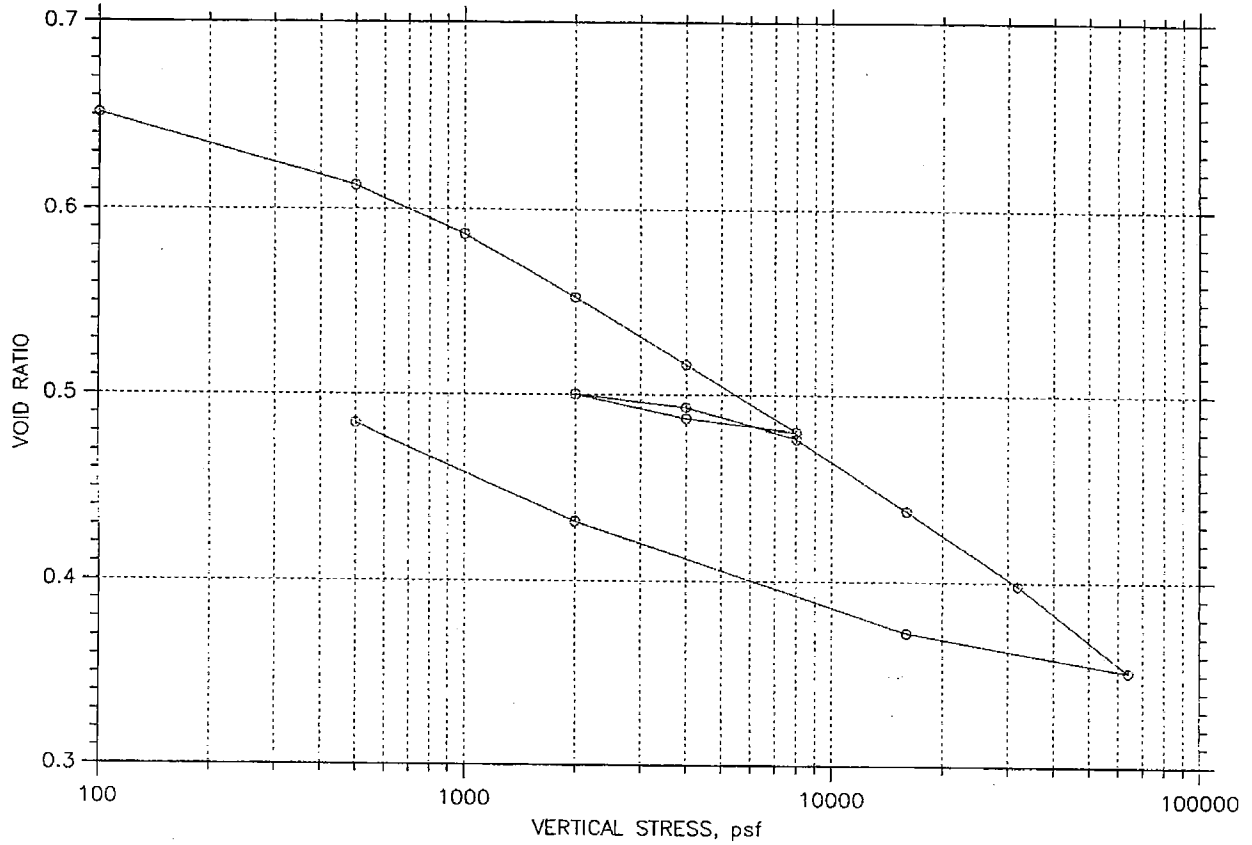
Constant Load Step: 16 of 16

Stress: 500. psf



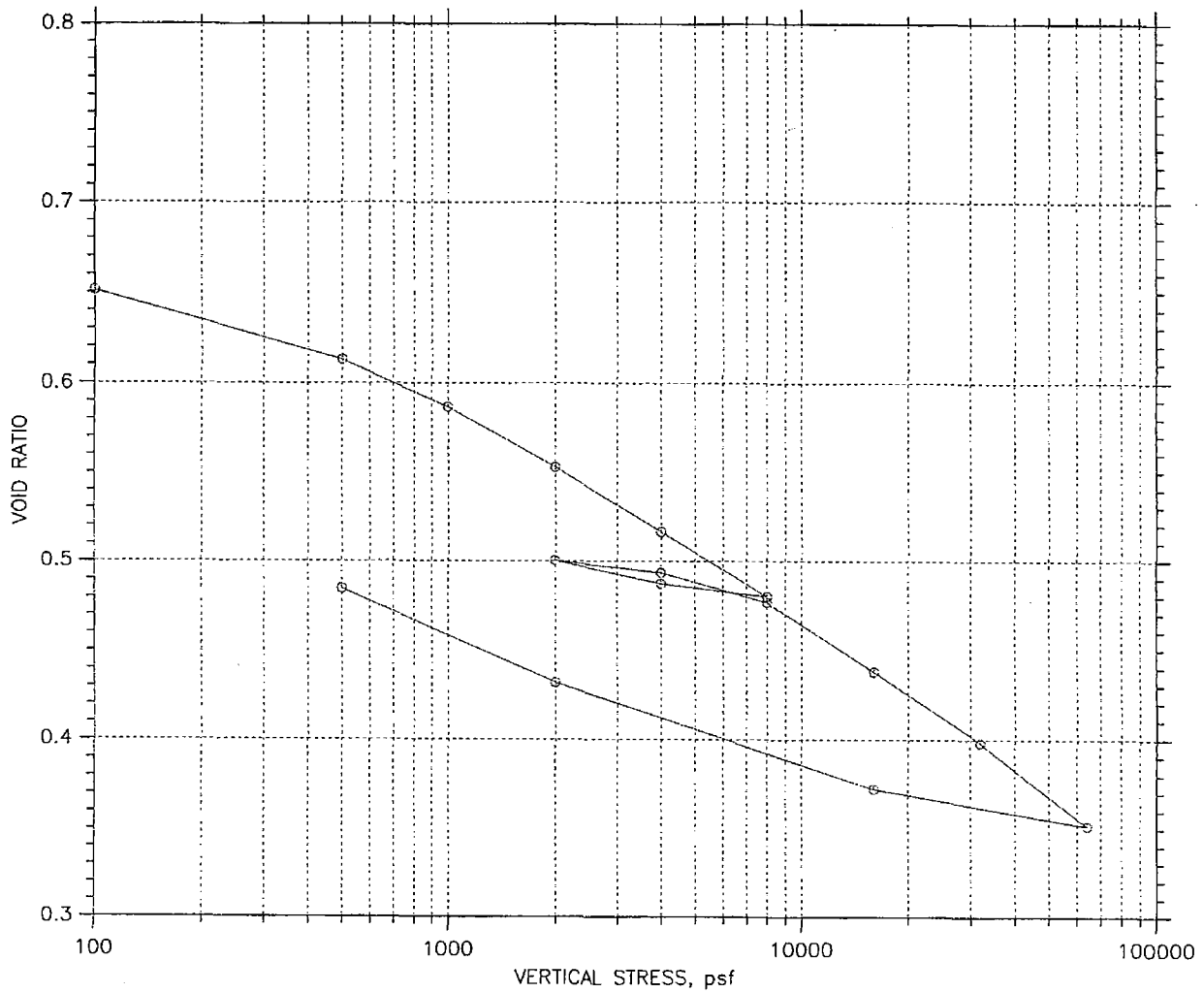
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-3	Test Date: 9/22/06	Depth: 13.5 Ft.
	Test No.: 5406	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 0 psf				Water Content, %	18.52	17.89
Preconsolidation Pressure: 1.103e+004 psf				Dry Unit Weight, pcf	101.3	113.
Compression Index: 0.153				Saturation, %	75.82	99.22
Diameter: 2.5 in		Height: 1 in		Void Ratio	0.66	0.48
LL: NP	PL: NP	PI: NP	GS: 2.69			

MACTEC	Project: SCE&G COL		Location:		Project No.: 6234063534S	
	Boring No.: B-325		Tested By: HJ		Checked By: JL <i>[Signature]</i> 11/24/06	
	Sample No.: UD-8		Test Date: 9/25/06		Depth: 38.5 Ft	
	Test No.: 5411		Sample Type: Shelby Tube		Elevation: N/A	
	Description: Silty Sand					
	Remarks: Cr = 0.05					

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-325
 Sample No.: UD-8
 Test No.: 5411

Location:
 Tested By: HJ
 Test Date: 9/25/06
 Sample Type: Shelby Tube

Project No.: 62340635348
 Checked By: JL
 Depth: 38.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.05

Estimated Specific Gravity: 2.69
 Initial Void Ratio: 0.66
 Final Void Ratio: 0.48

Liquid Limit: NP
 Plastic Limit: NP
 Plasticity Index: NP

Initial Height: 1.00 in
 Specimen Diameter: 2.50 in

Container ID	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
		RING		
Wt. Container + Wet Soil, gm	154.65	300.87	300.04	300.04
Wt. Container + Dry Soil, gm	130.48	276.7	276.7	276.7
Wt. Container, gm	0	146.22	146.22	146.22
Wt. Dry Soil, gm	130.48	130.48	130.48	130.48
Water Content, %	18.52	18.52	17.89	17.89
Void Ratio	---	0.66	0.48	---
Degree of Saturation, %	---	75.82	99.22	---
Dry Unit Weight, pcf	---	101.26	113	---

CONSOLIDATION TEST DATA

Project: SCE&G COL
 Boring No.: B-325
 Sample No.: UD-8
 Test No.: 5411

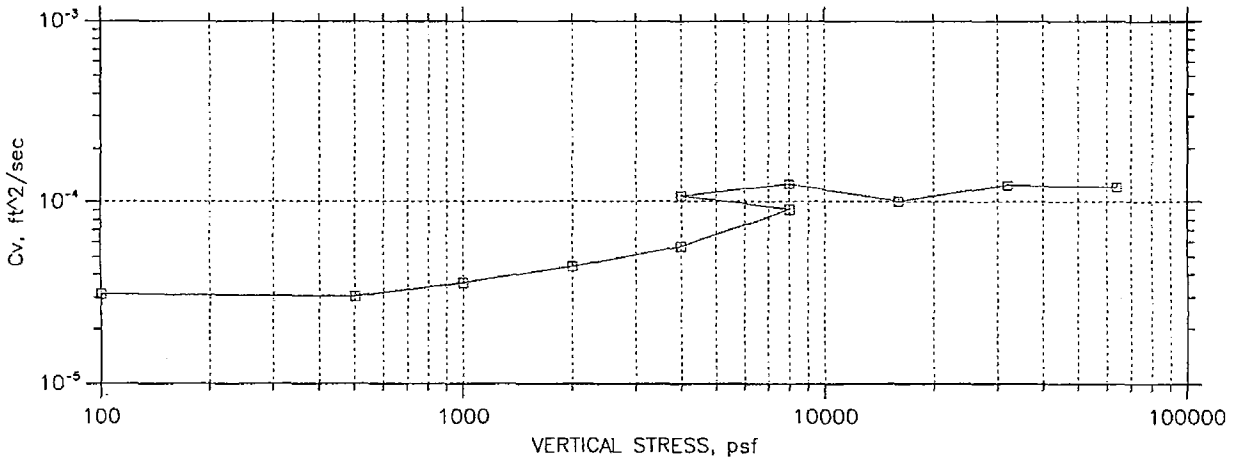
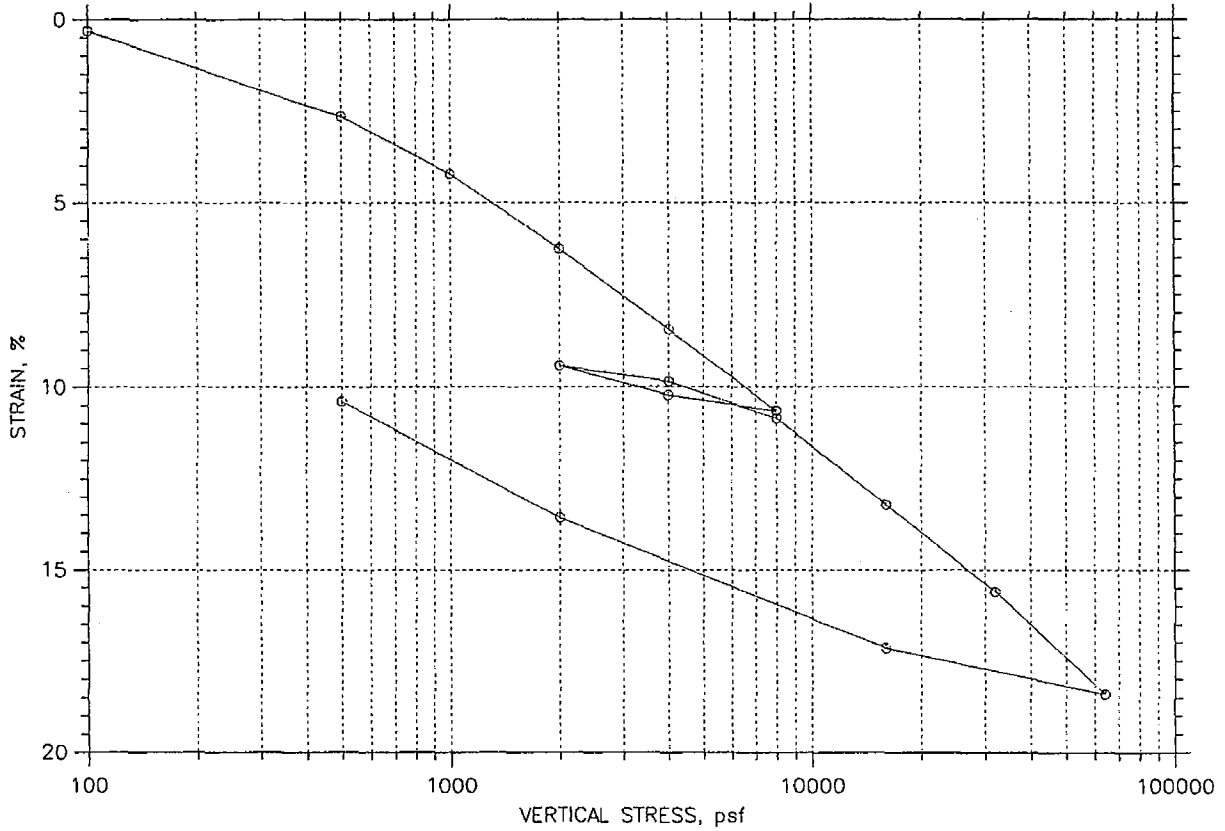
Location:
 Tested By: HJ
 Test Date: 9/25/06
 Sample Type: Shelby Tube

Project No.: 6234063534S
 Checked By: JL
 Depth: 38.5 Ft.
 Elevation: N/A

Soil Description: Silty Sand
 Remarks: Cr = 0.05

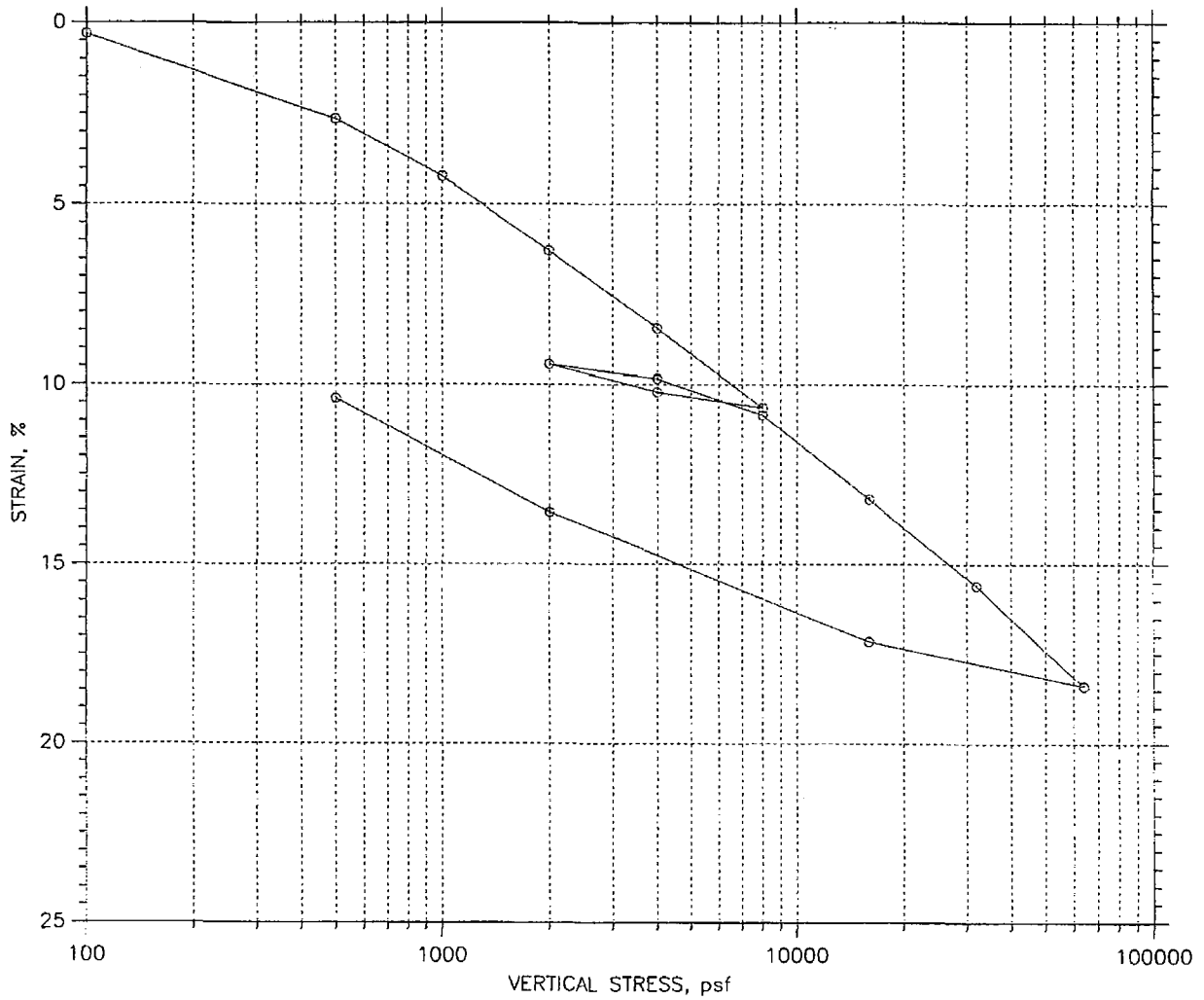
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.003171	0.651	0.32	0.2	0.2	2.71e-005	3.69e-005	3.13e-005
2	500	0.02656	0.613	2.66	0.2	0.2	2.63e-005	3.62e-005	3.05e-005
3	1e+003	0.04218	0.587	4.22	0.2	0.1	3.46e-005	3.76e-005	3.60e-005
4	2e+003	0.06265	0.553	6.26	0.1	0.1	4.26e-005	4.60e-005	4.42e-005
5	4e+003	0.08456	0.516	8.46	0.1	0.1	5.17e-005	6.27e-005	5.67e-005
6	8e+003	0.1065	0.480	10.65	0.1	0.0	8.64e-005	9.54e-005	9.06e-005
7	4e+003	0.1022	0.487	10.22	0.0	0.0	1.29e-004	0.00e+000	1.29e-004
8	2e+003	0.09429	0.500	9.43	0.1	0.0	8.12e-005	1.14e-004	9.48e-005
9	4e+003	0.09846	0.493	9.85	0.0	0.0	1.08e-004	0.00e+000	1.08e-004
10	8e+003	0.1085	0.477	10.85	0.0	0.0	1.26e-004	0.00e+000	1.26e-004
11	1.6e+004	0.132	0.438	13.20	0.0	0.0	1.06e-004	9.53e-005	1.01e-004
12	3.2e+004	0.156	0.398	15.60	0.0	0.0	1.24e-004	0.00e+000	1.24e-004
13	6.4e+004	0.184	0.352	18.40	0.0	0.0	1.21e-004	0.00e+000	1.21e-004
14	1.6e+004	0.1714	0.373	17.14	0.0	0.0	1.21e-004	0.00e+000	1.21e-004
15	2e+003	0.1356	0.432	13.56	0.1	0.1	6.33e-005	7.97e-005	7.06e-005
16	500	0.1039	0.484	10.39	0.3	0.2	1.54e-005	2.43e-005	1.89e-005

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL <i>[Signature]</i> 11/24/06
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 0 psf				18.52	17.89
Preconsolidation Pressure: 1.103e+004 psf				101.3	113.
Compression Index: 0.153				75.82	99.22
Diameter: 2.5 in		Height: 1 in		0.66	0.48
LL: NP	PL: NP	PI: NP	GS: 2.69		

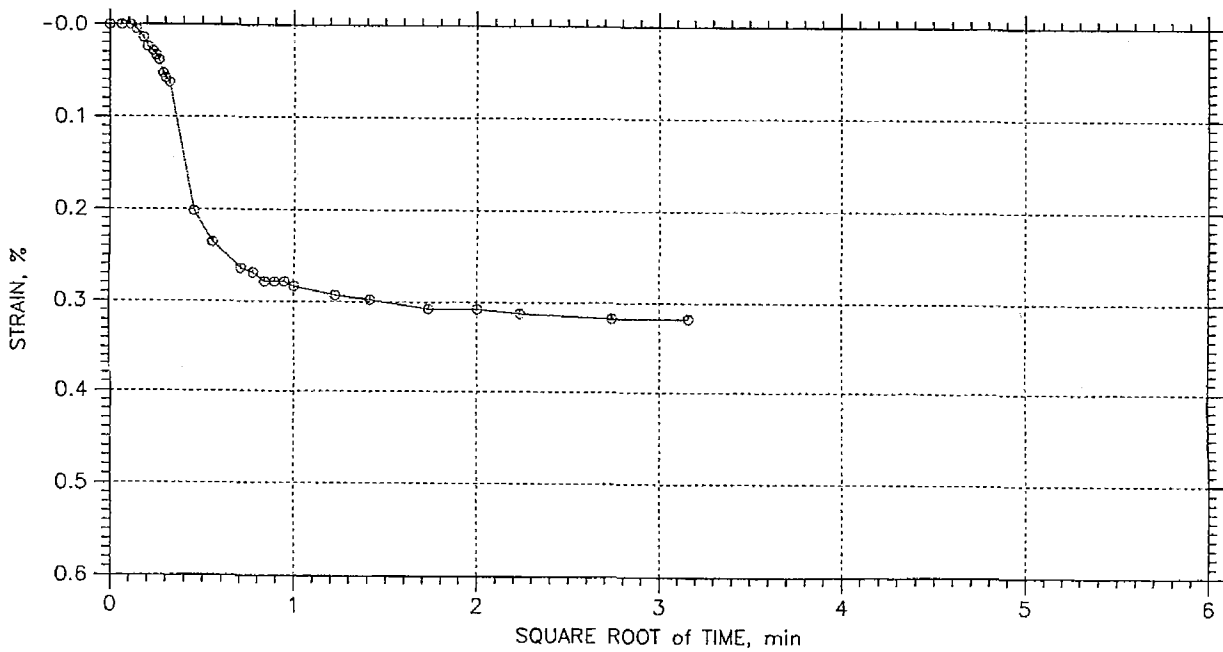
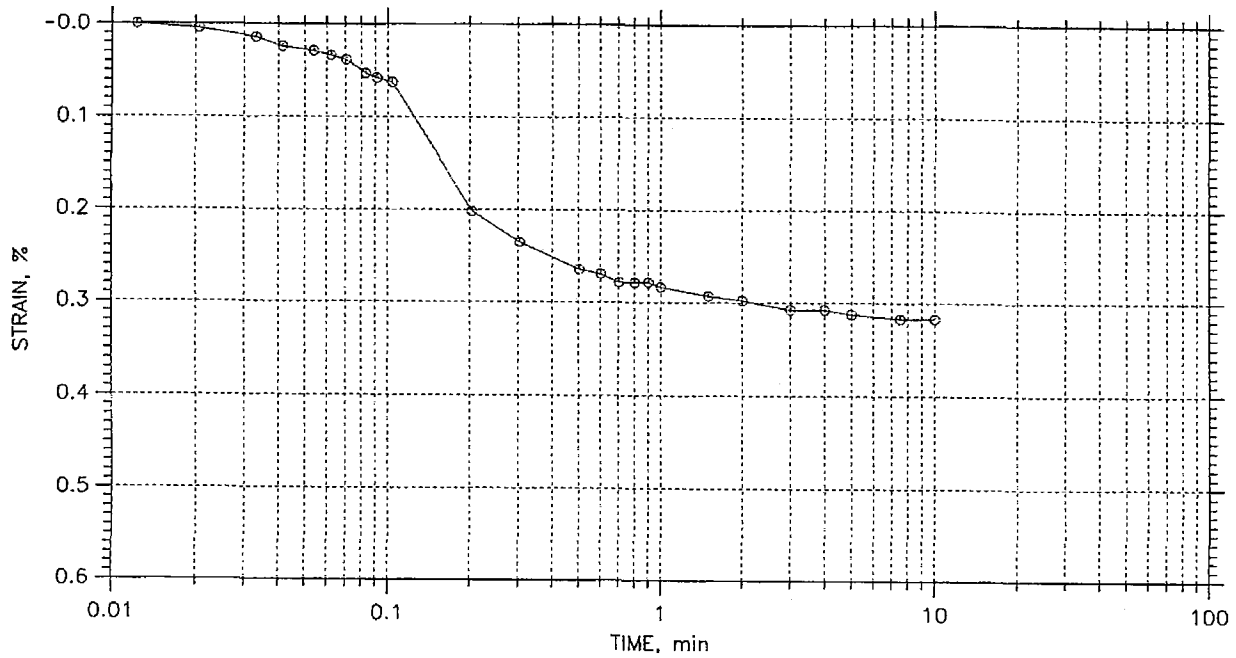
MACTEC	Project: SCE&G COL		Location:		Project No.: 6234063534S	
	Boring No.: B-325		Tested By: HJ		Checked By: JL <i>[Signature]</i> 11/24/06	
	Sample No.: UD-8		Test Date: 9/25/06		Depth: 38.5 Ft.	
	Test No.: 5411		Sample Type: Shelby Tube		Elevation: N/A	
	Description: Silty Sand					
	Remarks: Cr = 0.05					

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 16

Stress: 100. psf



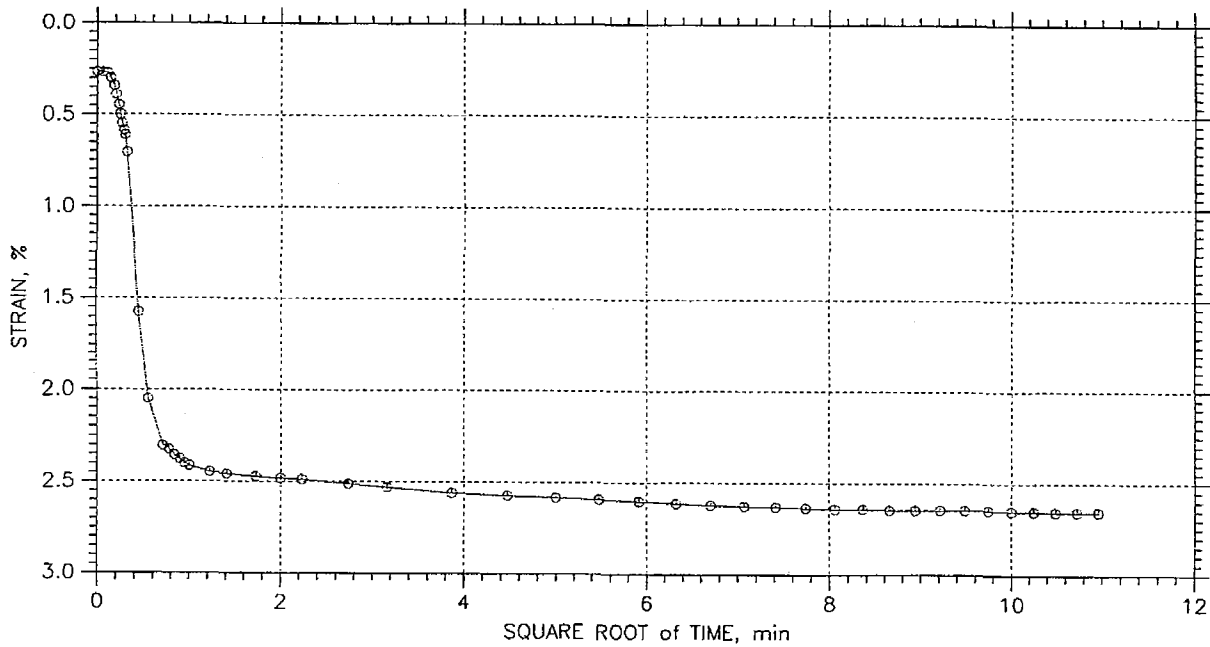
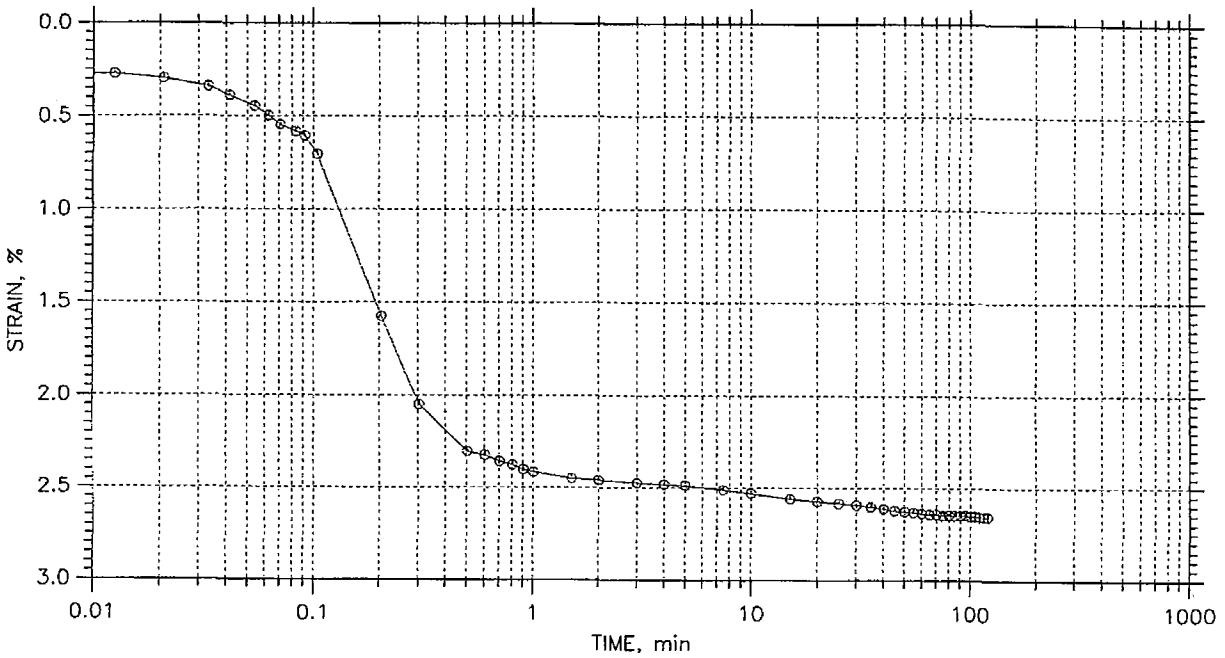
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 16

Stress: 500. psf



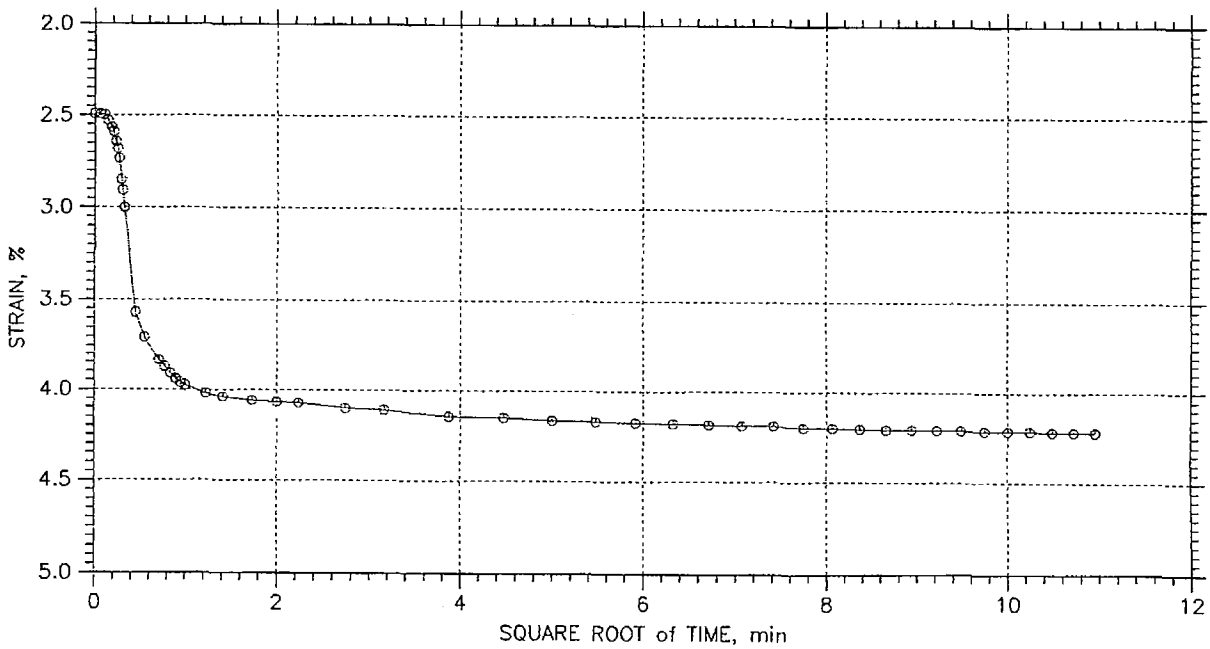
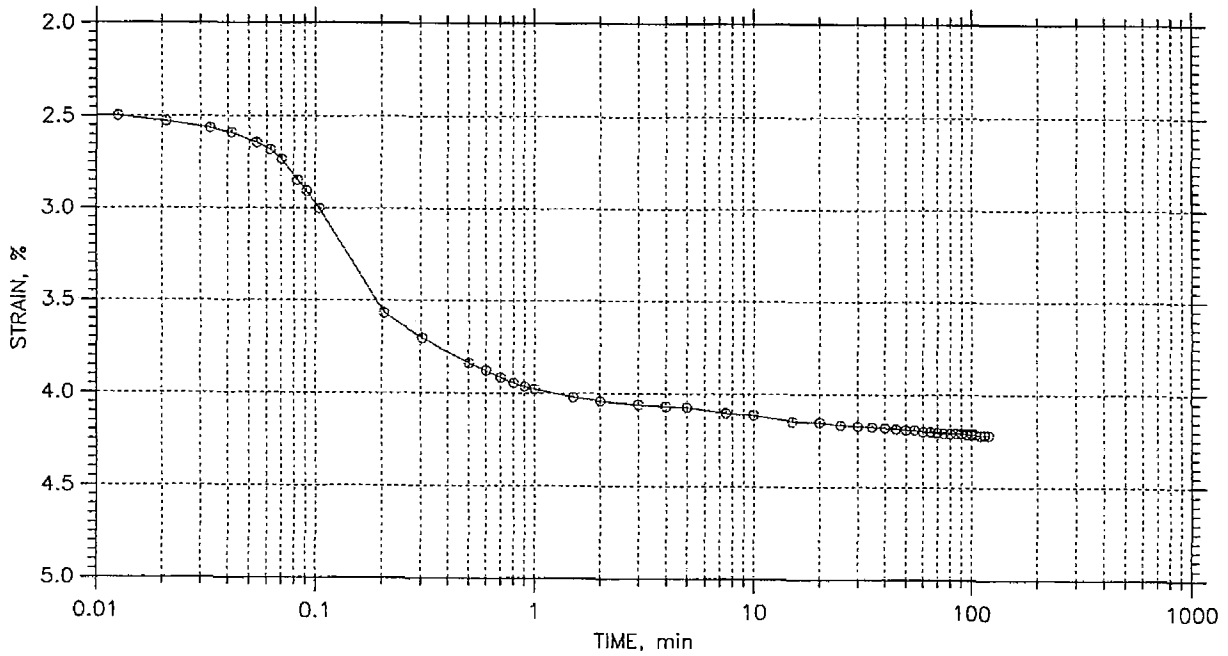
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 16

Stress: 1000. psf



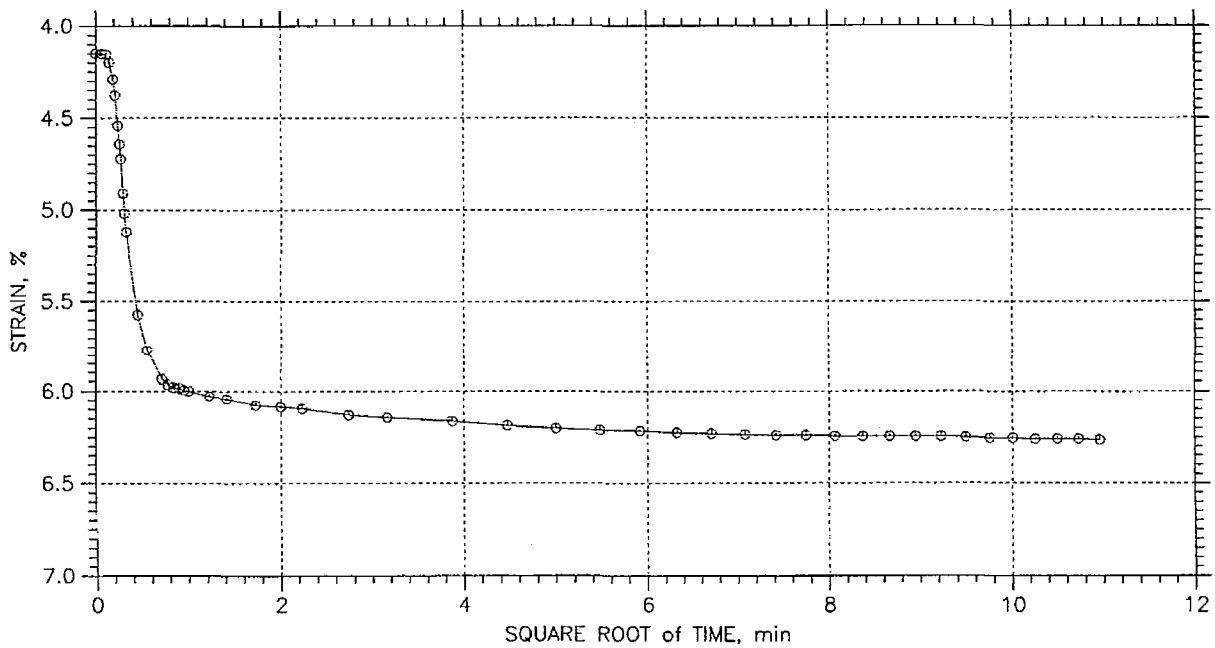
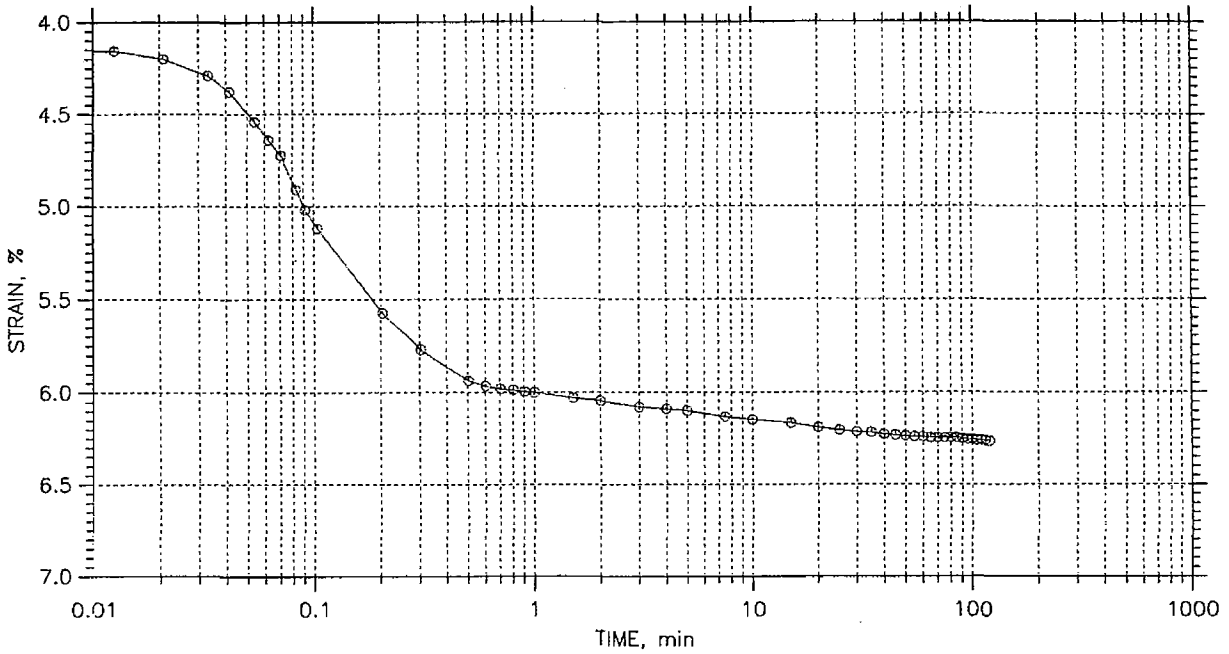
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 16

Stress: 2000. psf



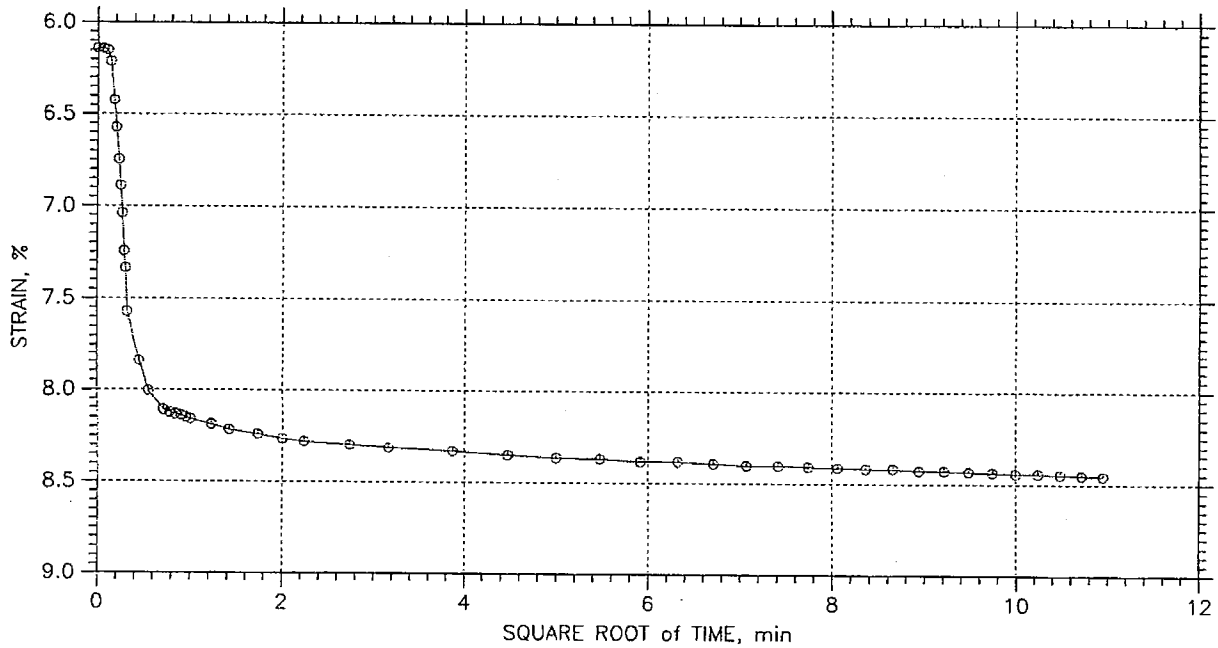
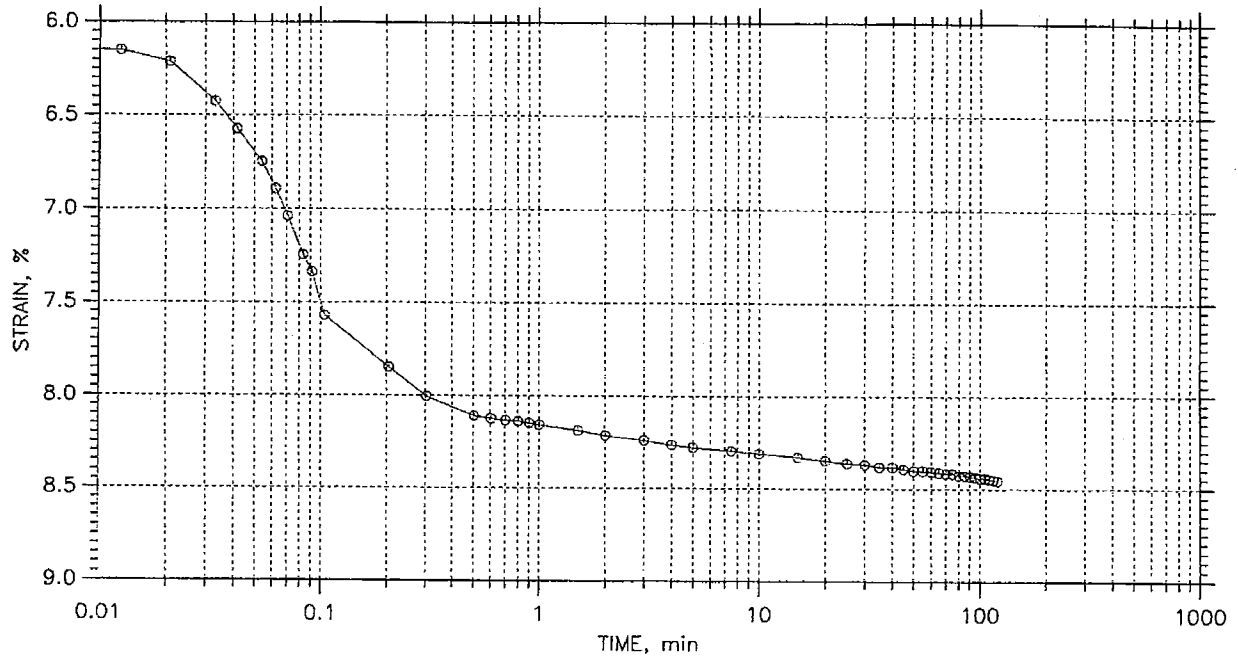
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 16

Stress: 4000. psf



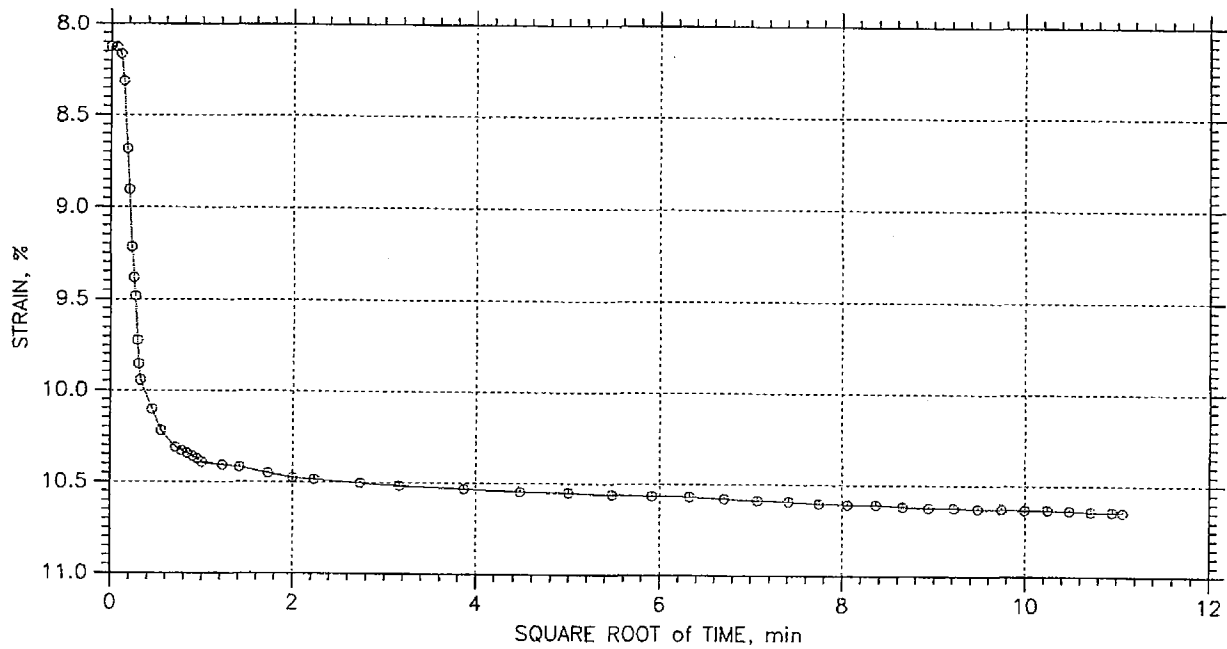
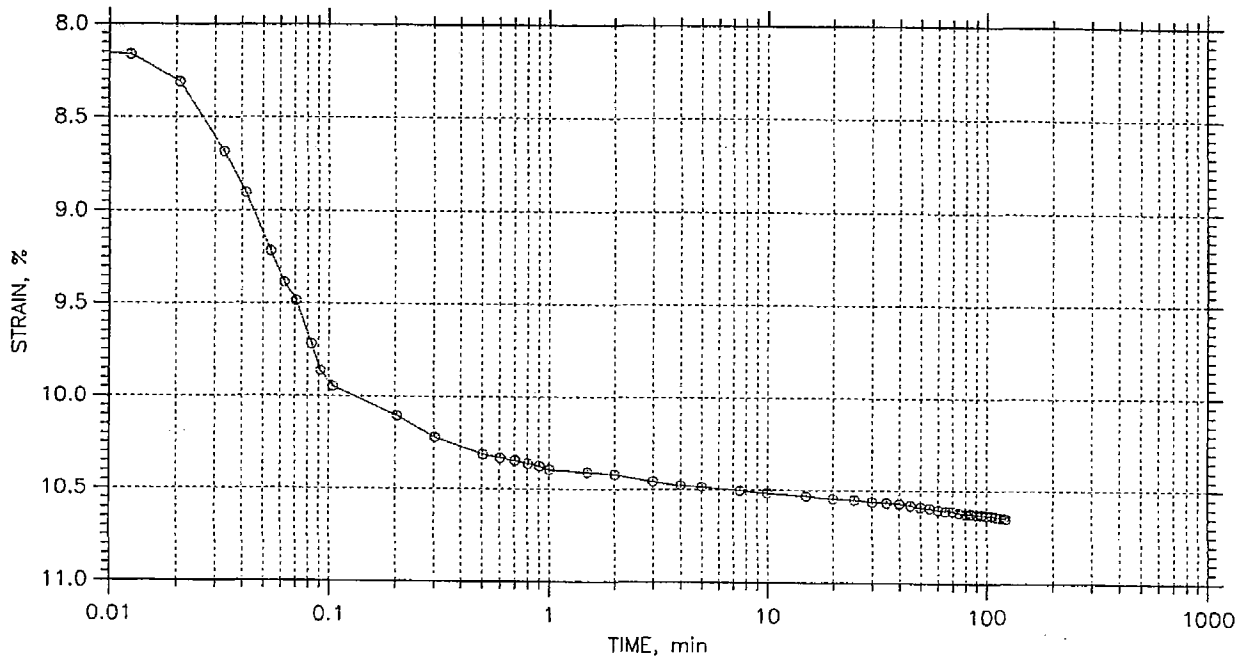
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 16

Stress: 8000. psf



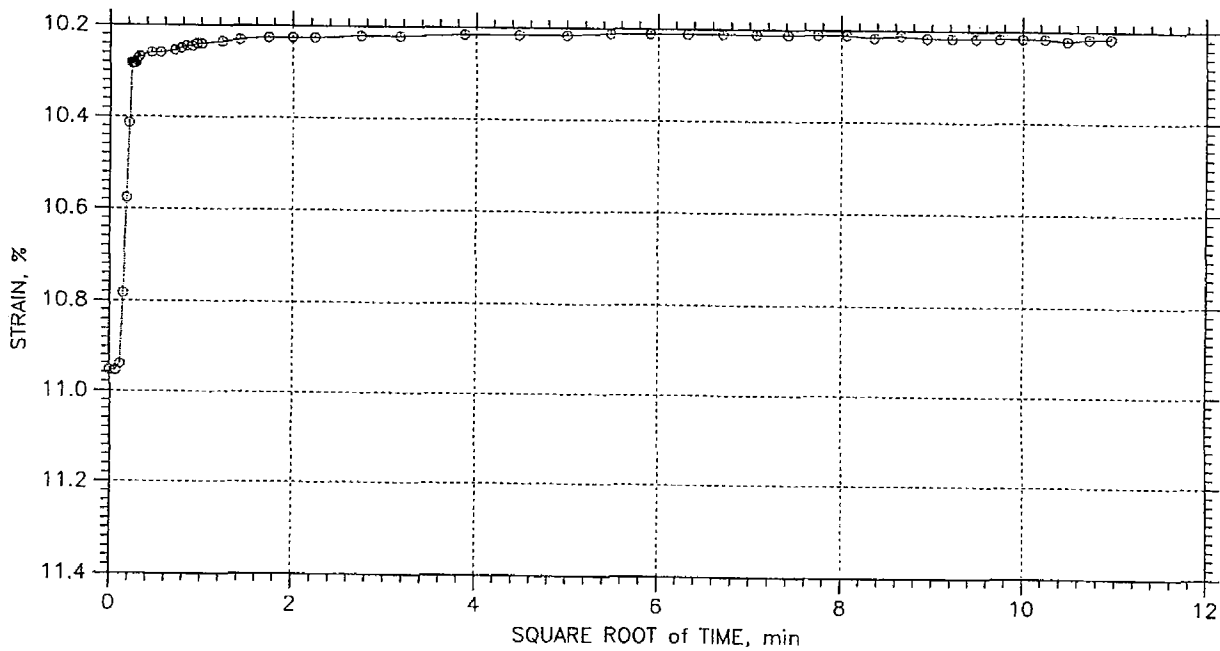
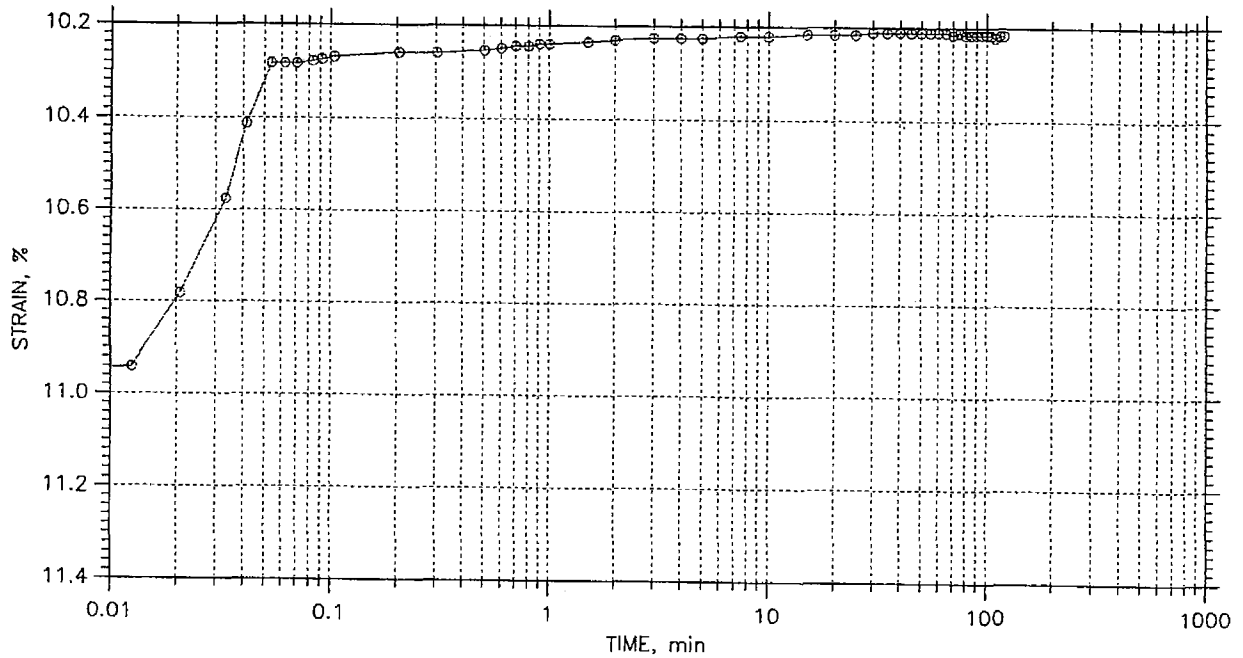
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 16

Stress: 4000. psf



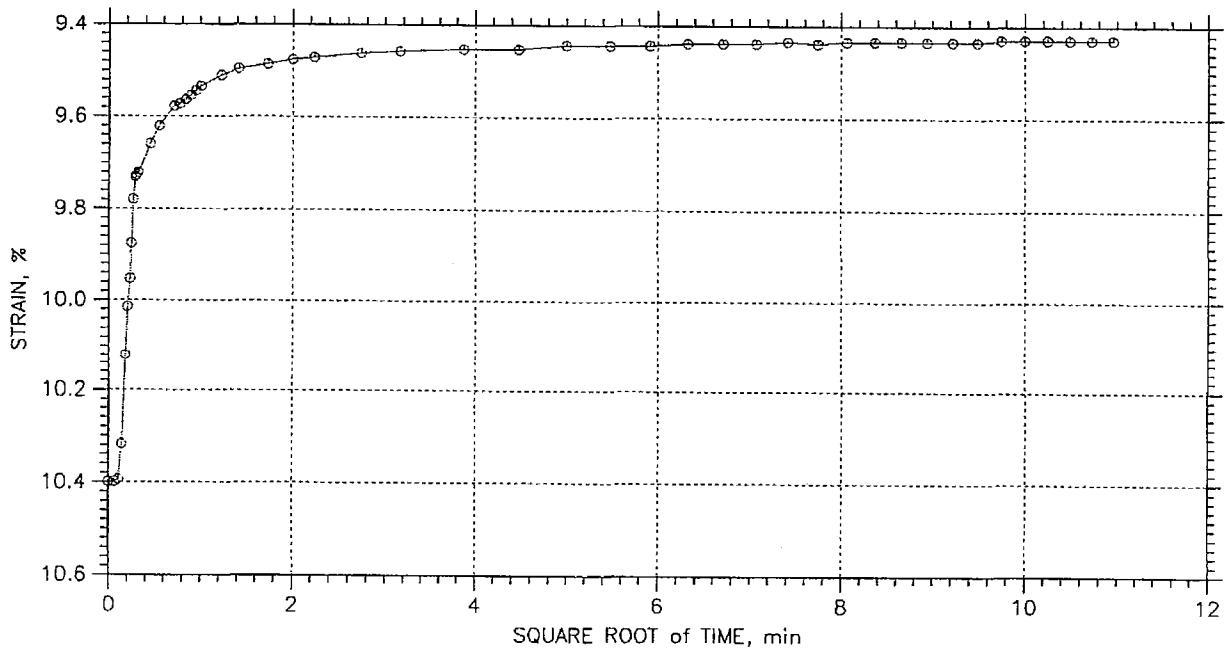
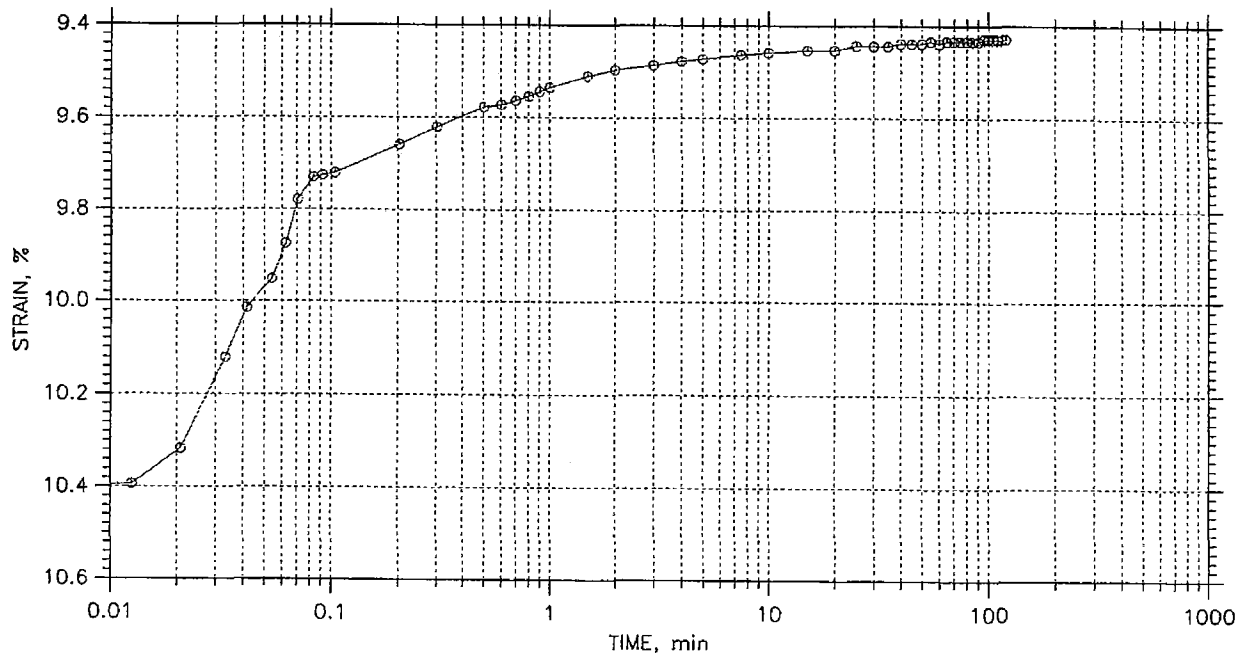
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 16

Stress: 2000. psf



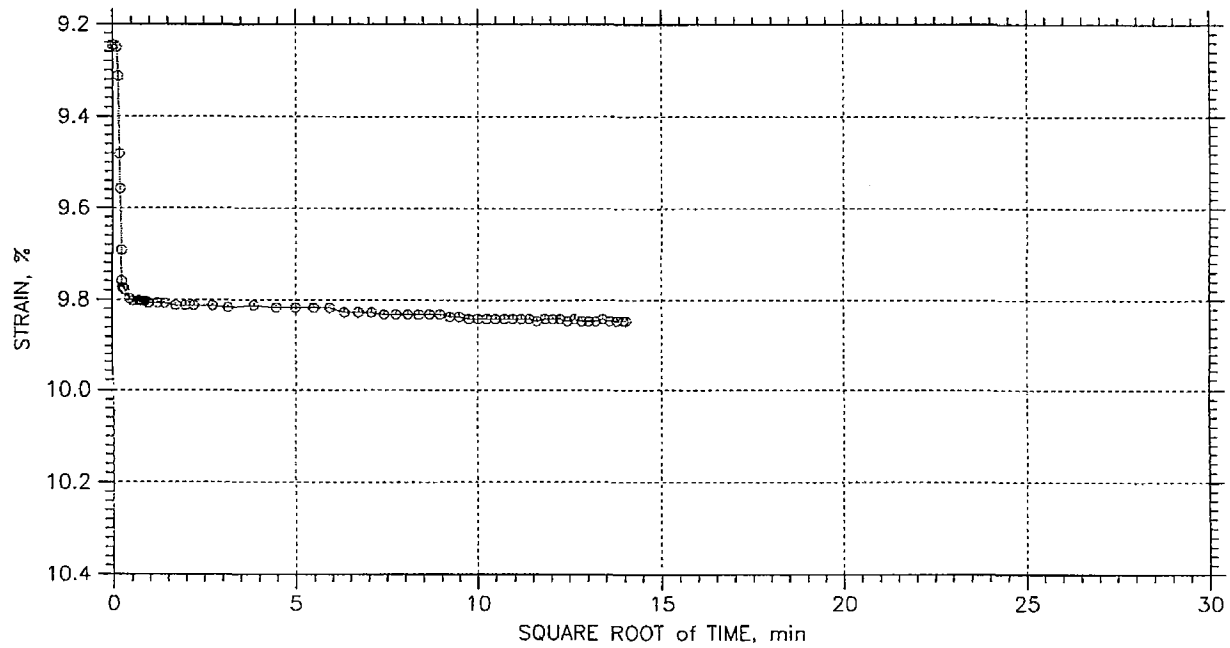
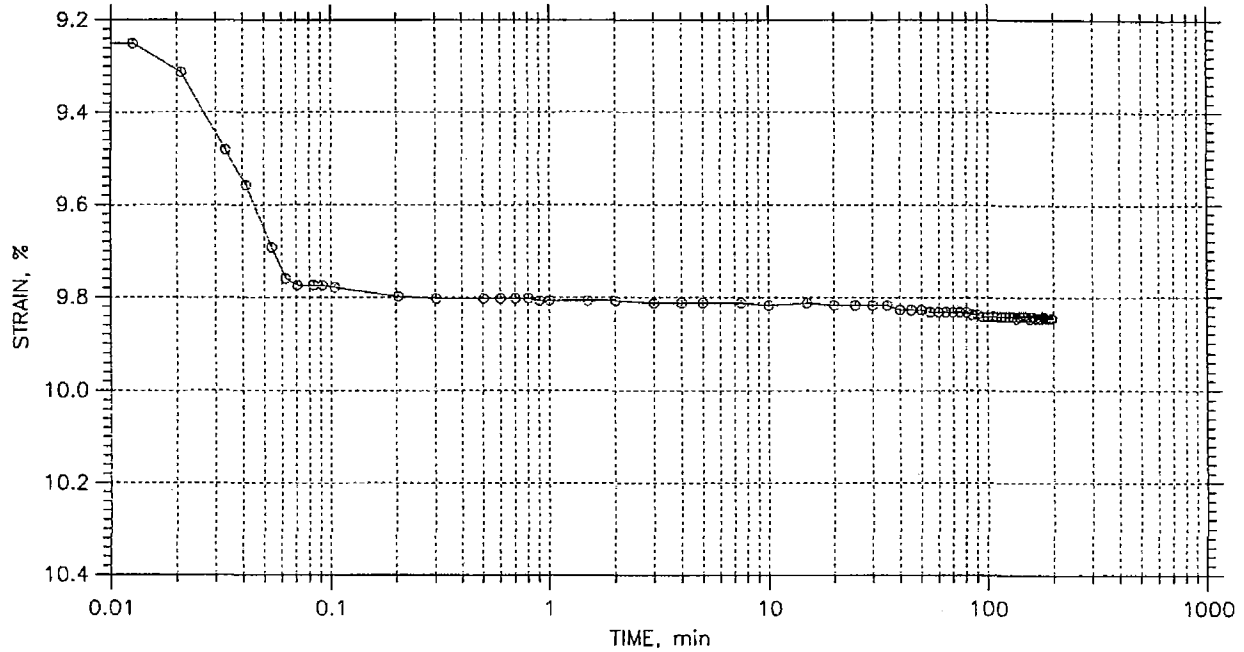
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 16

Stress: 4000. psf



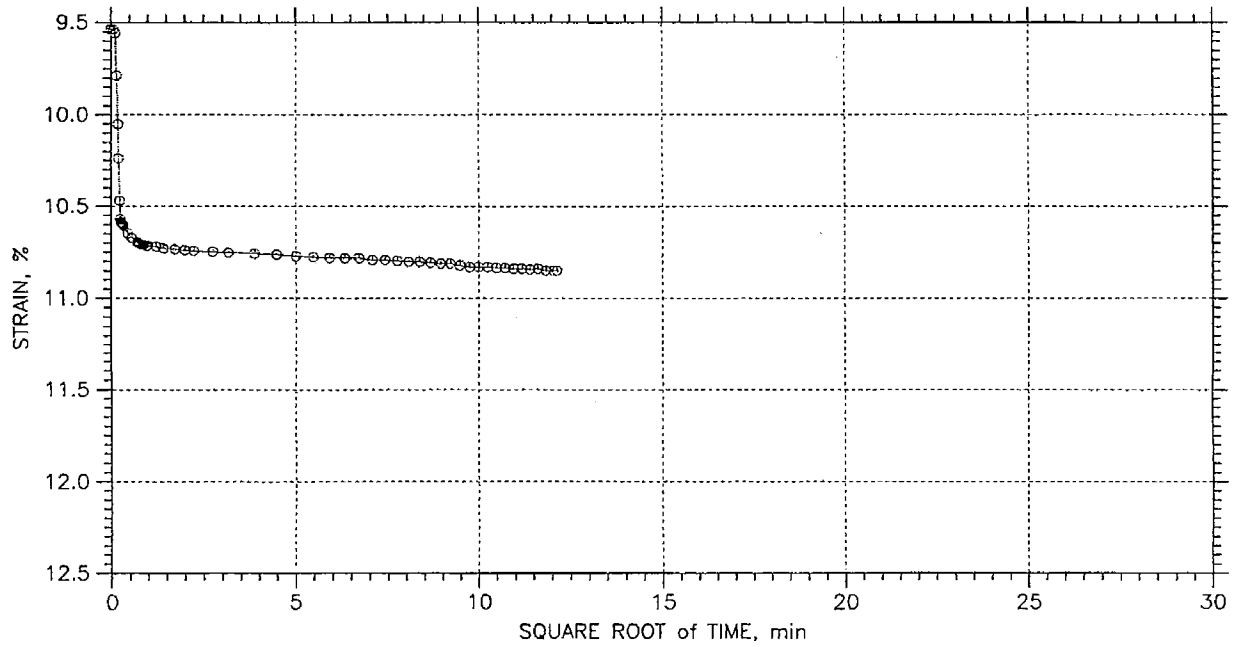
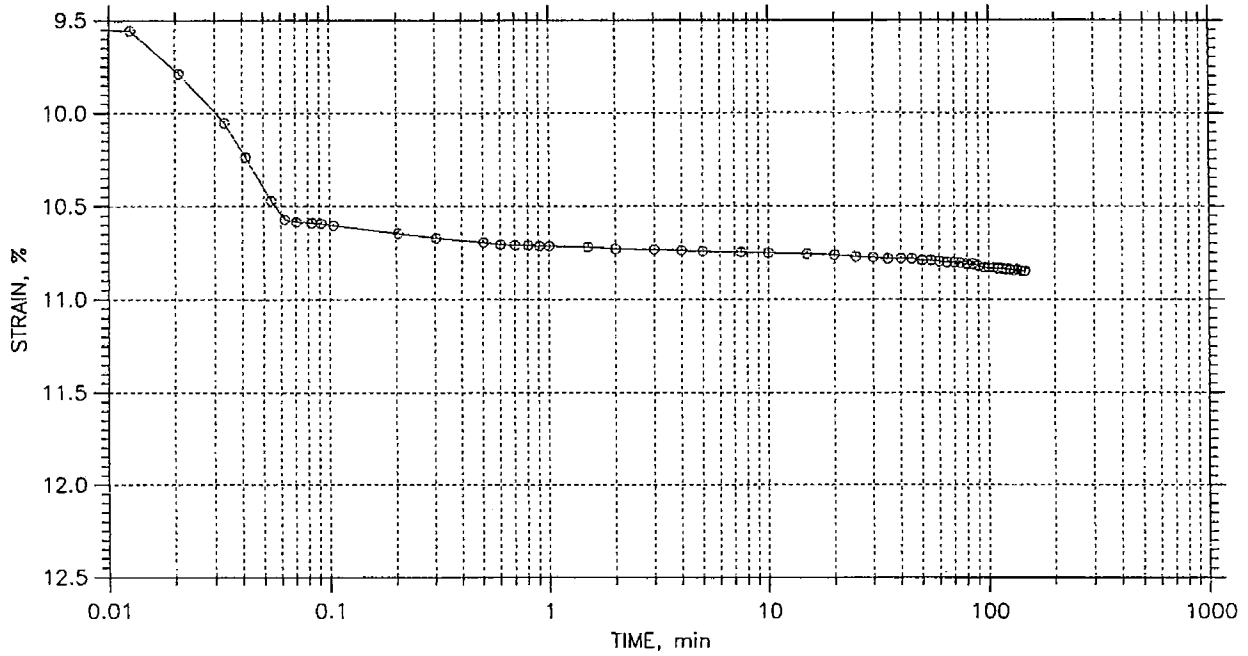
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 16

Stress: 8000. psf



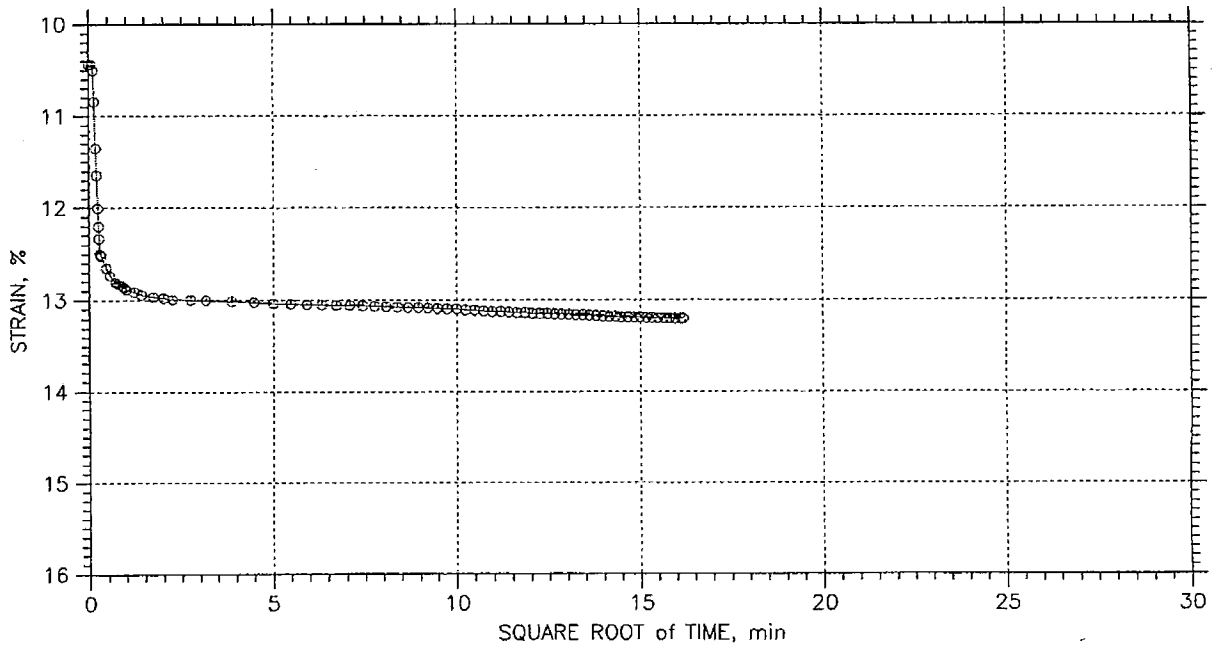
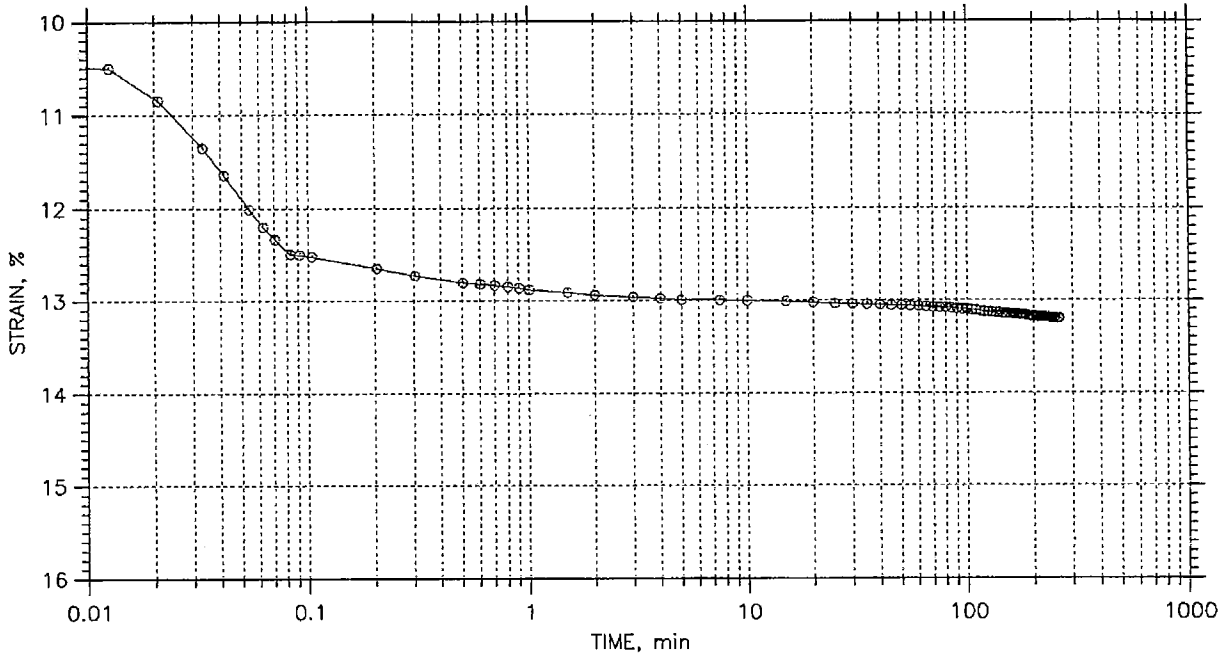
MACTEC	Project: SCE&G COL	Location:	Project No.: 62340635345
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 16

Stress: 16000 psf



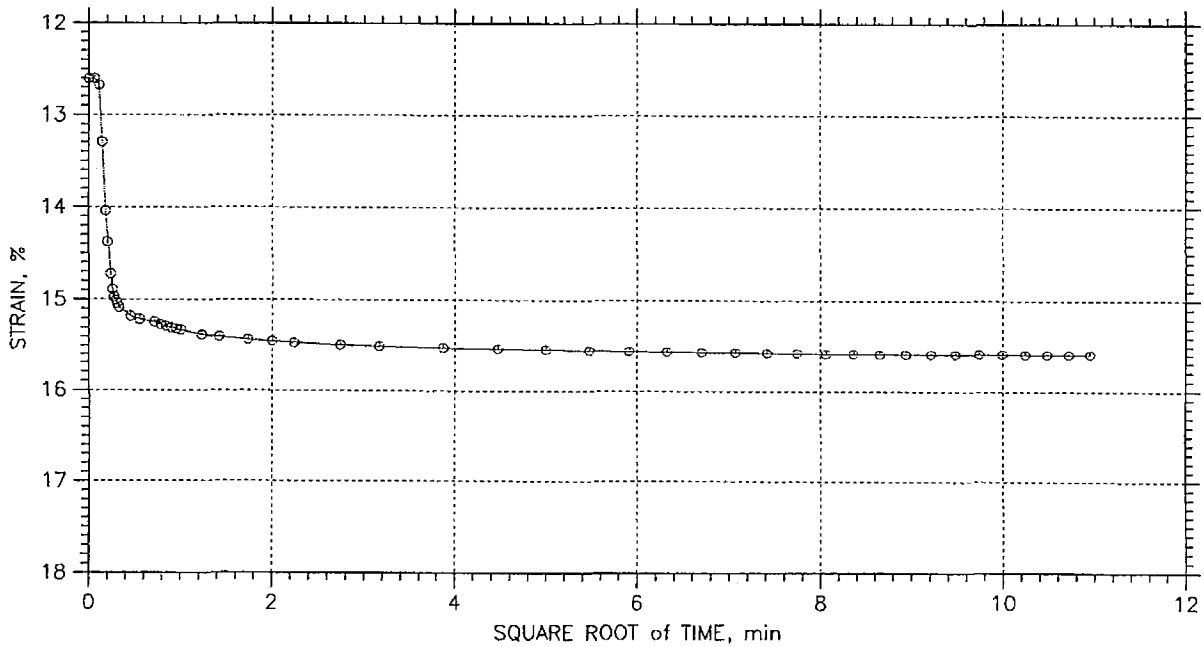
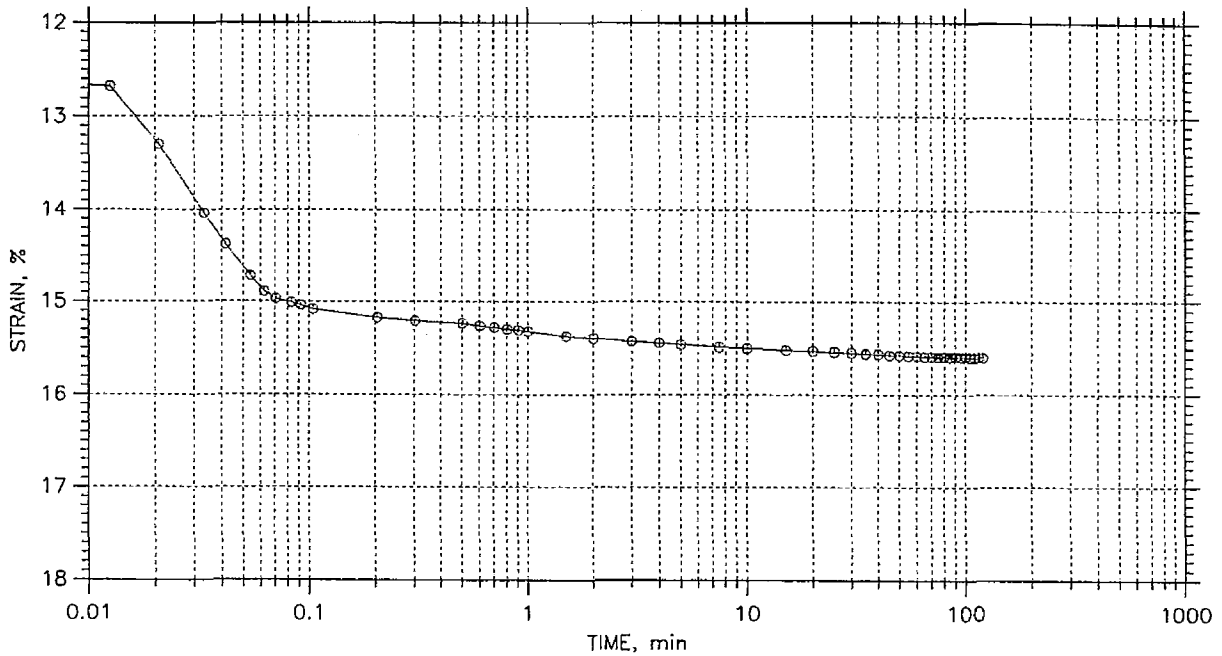
MACTEC	Project: SCE&G COL	Location:	Project No.: 62340635345
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 16

Stress: 32000 psf



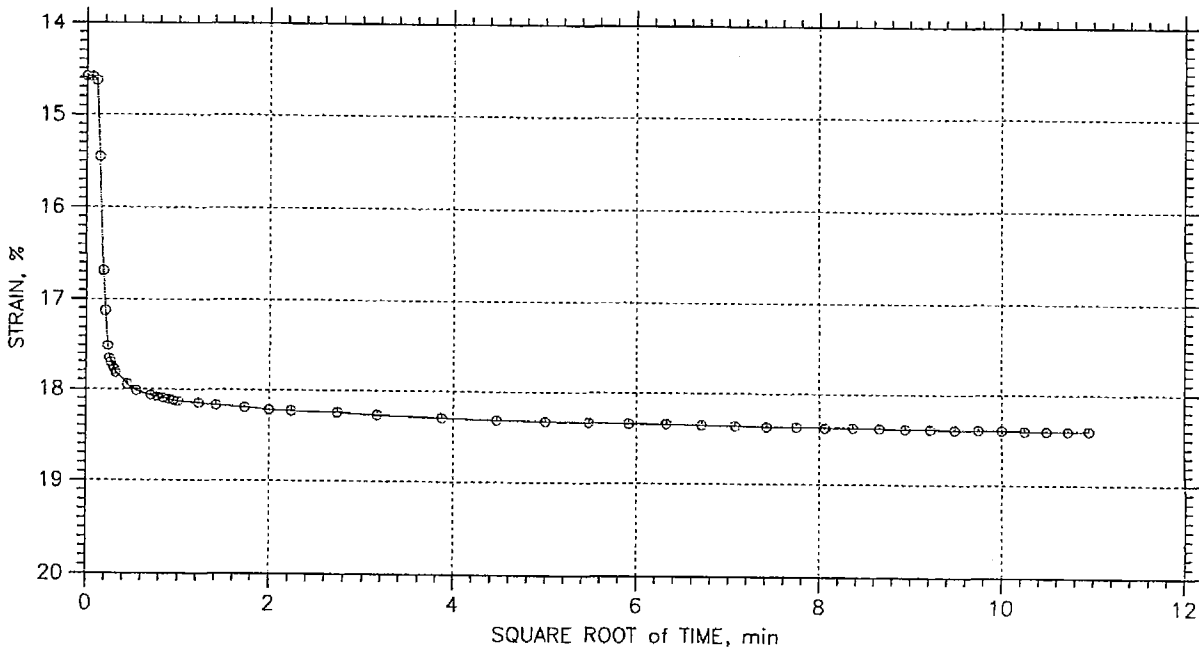
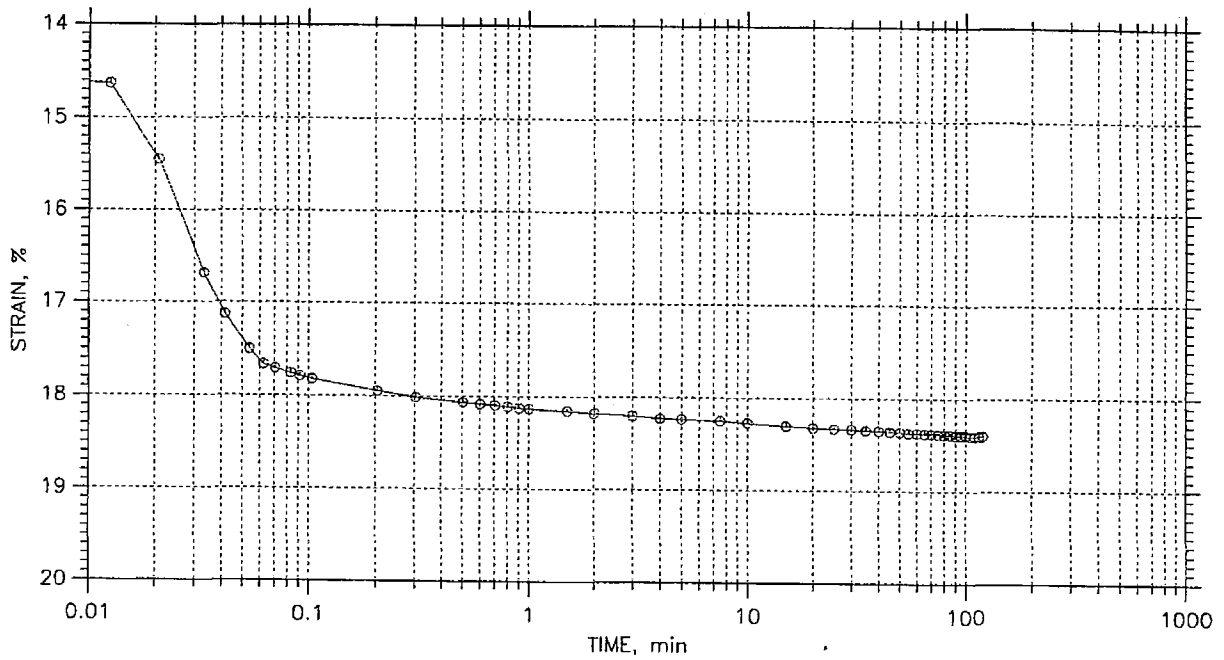
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 16

Stress: 64000 psf



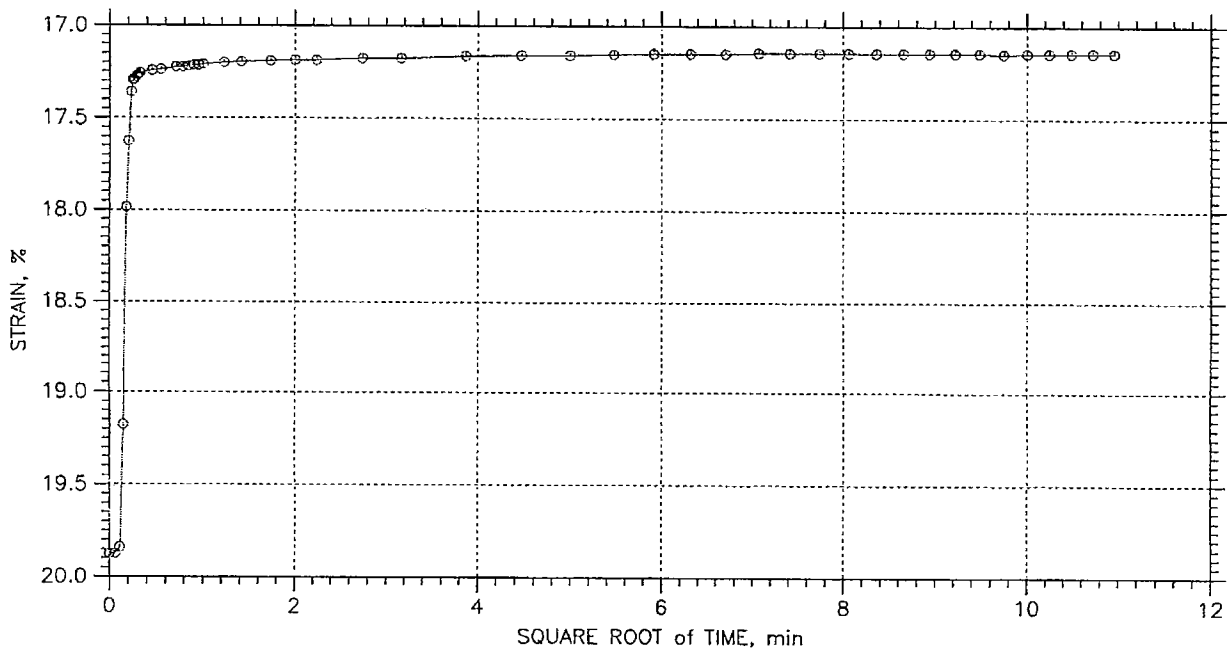
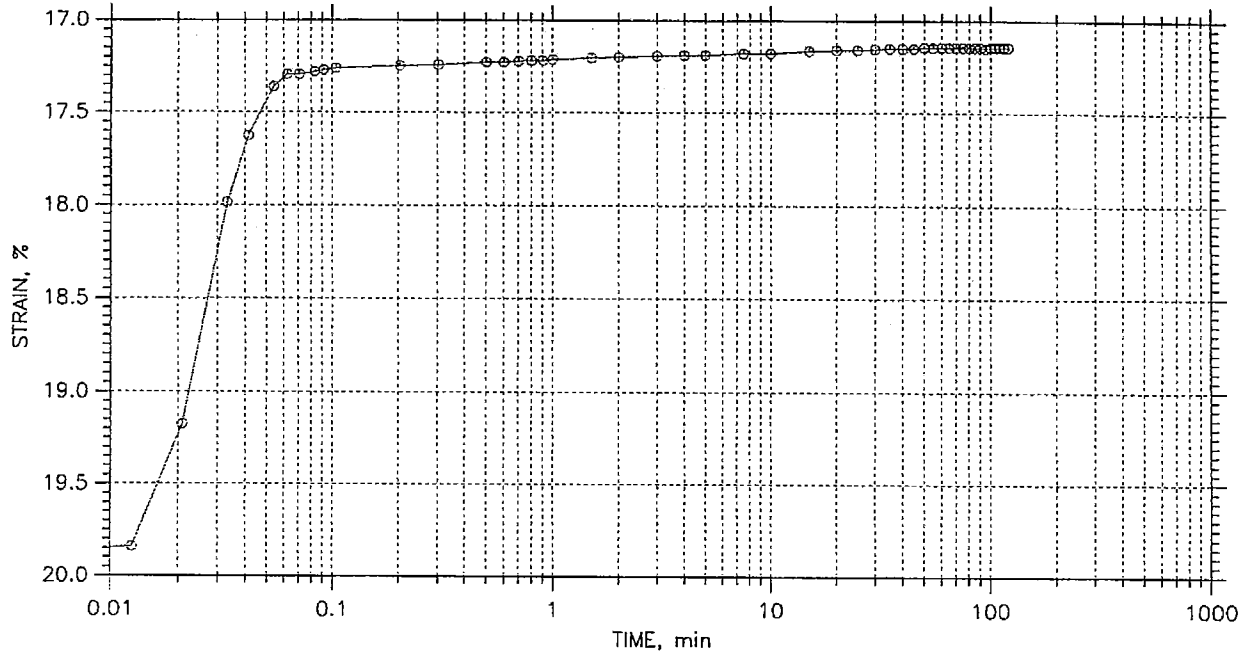
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 16

Stress: 16000 psf



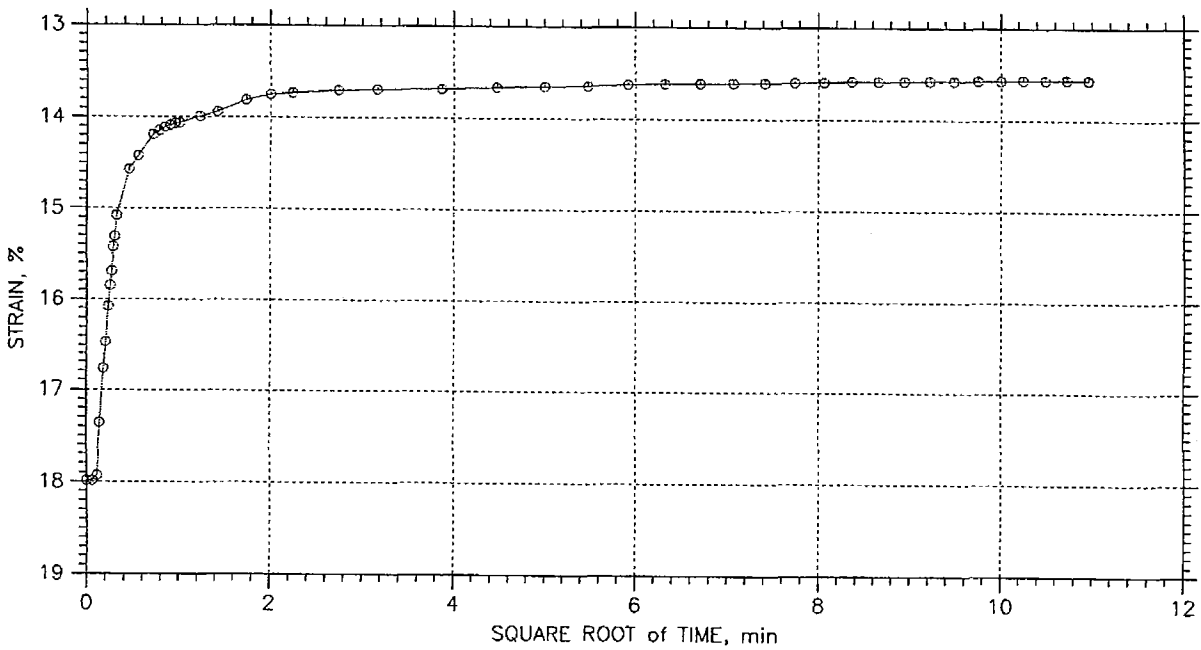
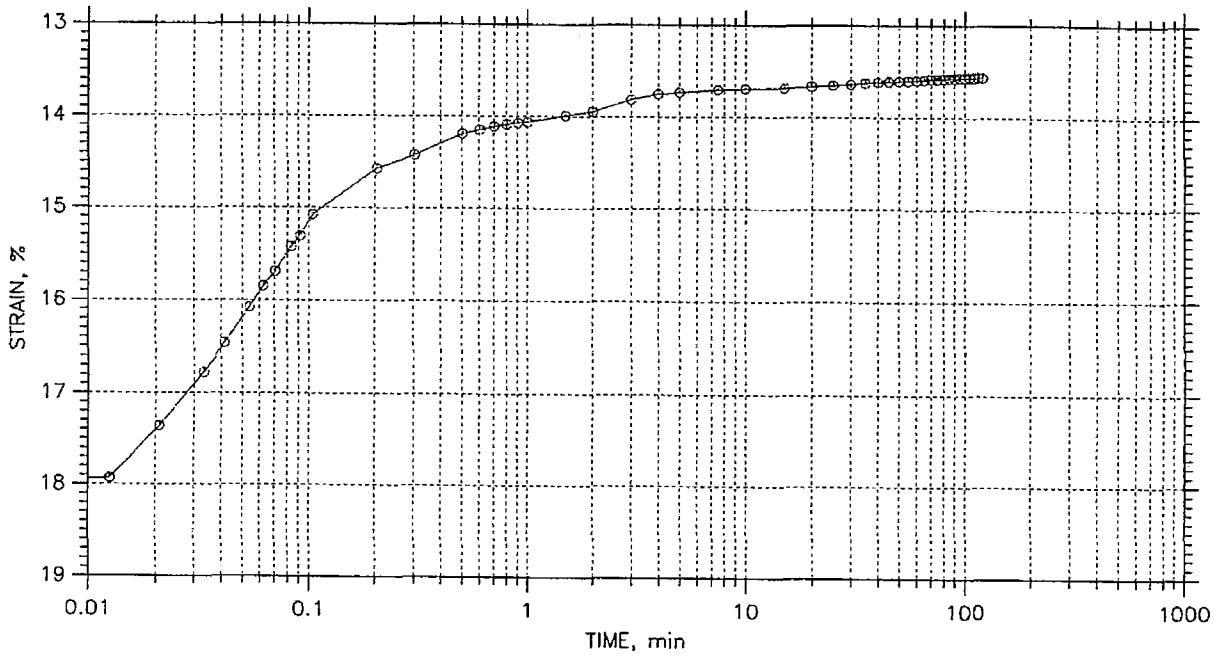
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 16

Stress: 2000. psf



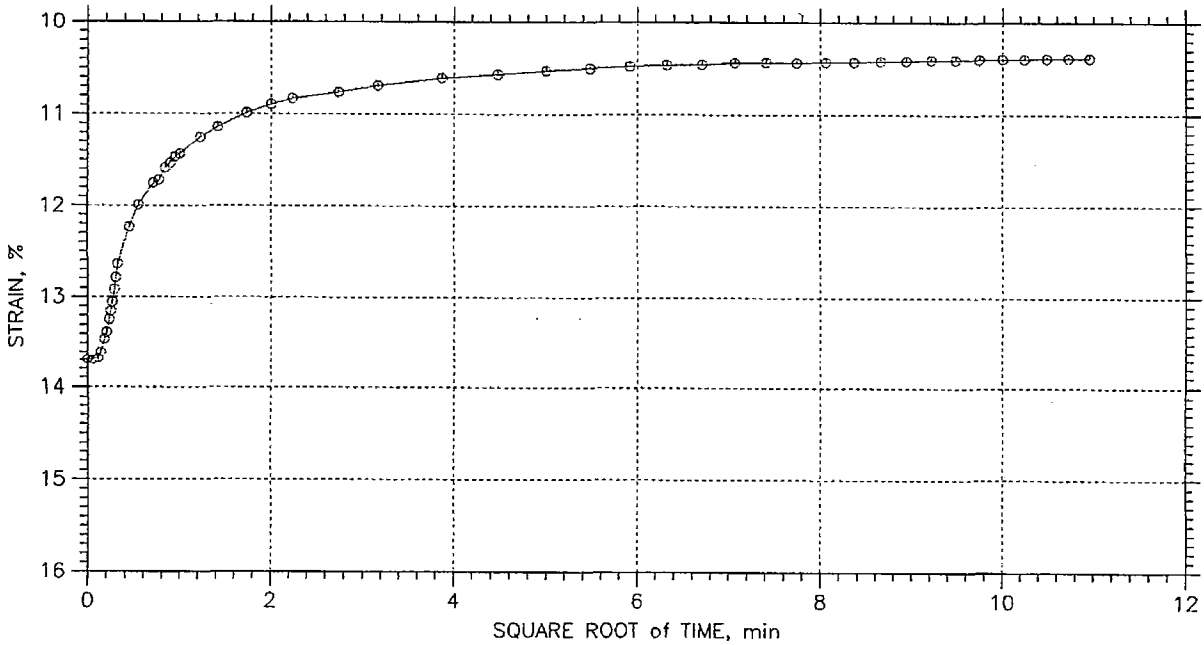
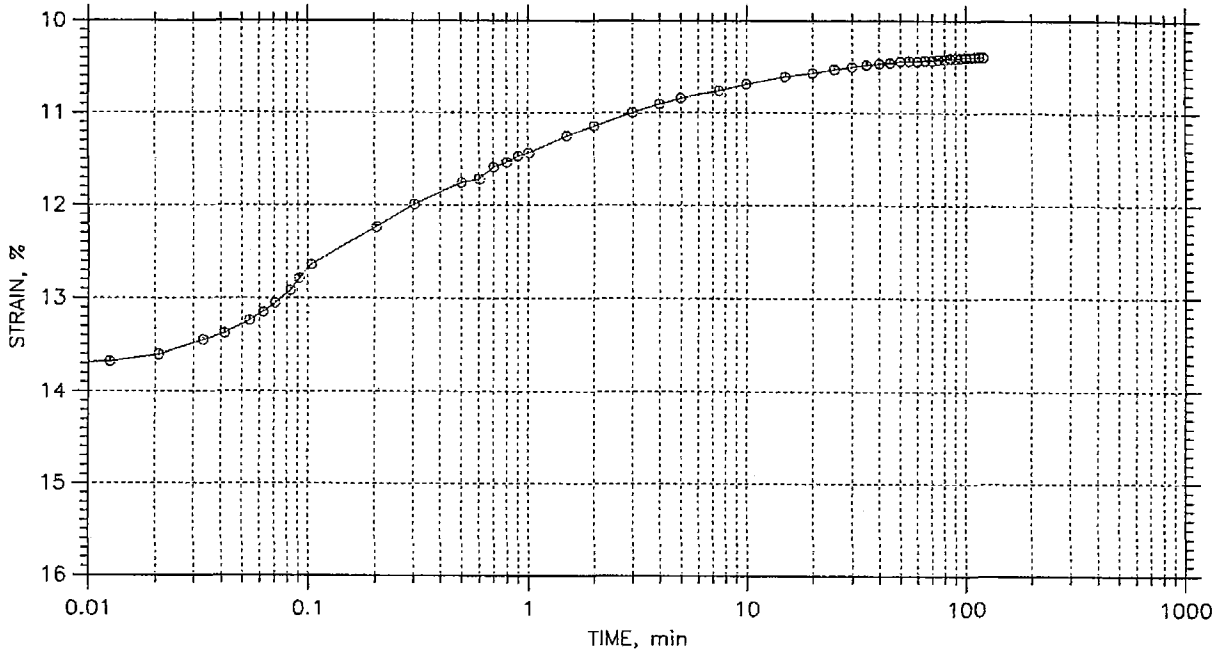
MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 16 of 16

Stress: 500. psf



MACTEC	Project: SCE&G COL	Location:	Project No.: 6234063534S
	Boring No.: B-325	Tested By: HJ	Checked By: JL
	Sample No.: UD-8	Test Date: 9/25/06	Depth: 38.5 Ft.
	Test No.: 5411	Sample Type: Shelby Tube	Elevation: N/A
	Description: Silty Sand		
	Remarks: Cr = 0.05		