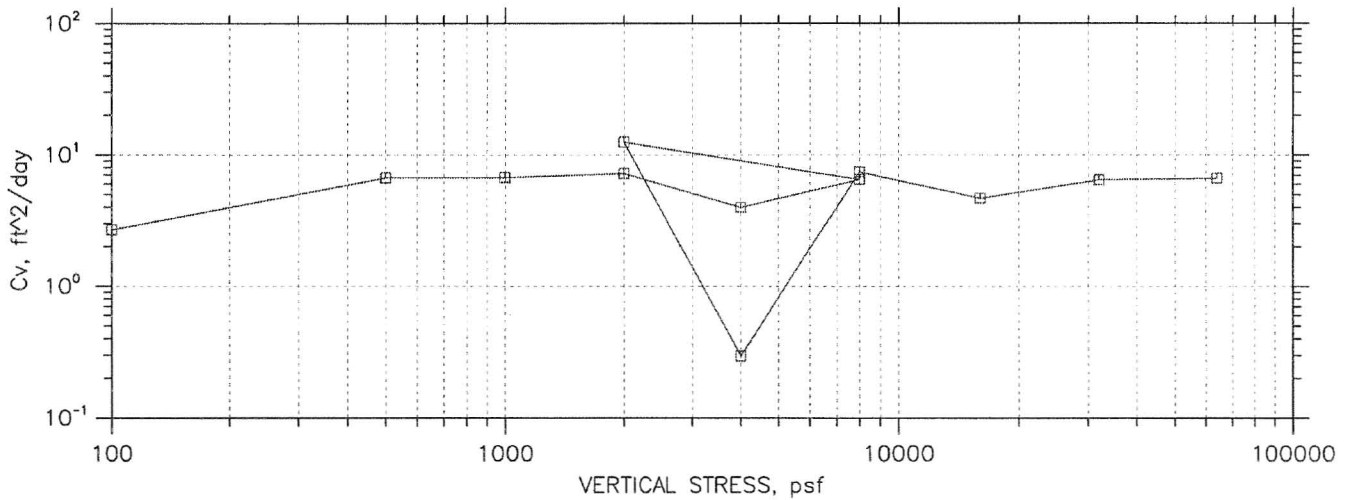
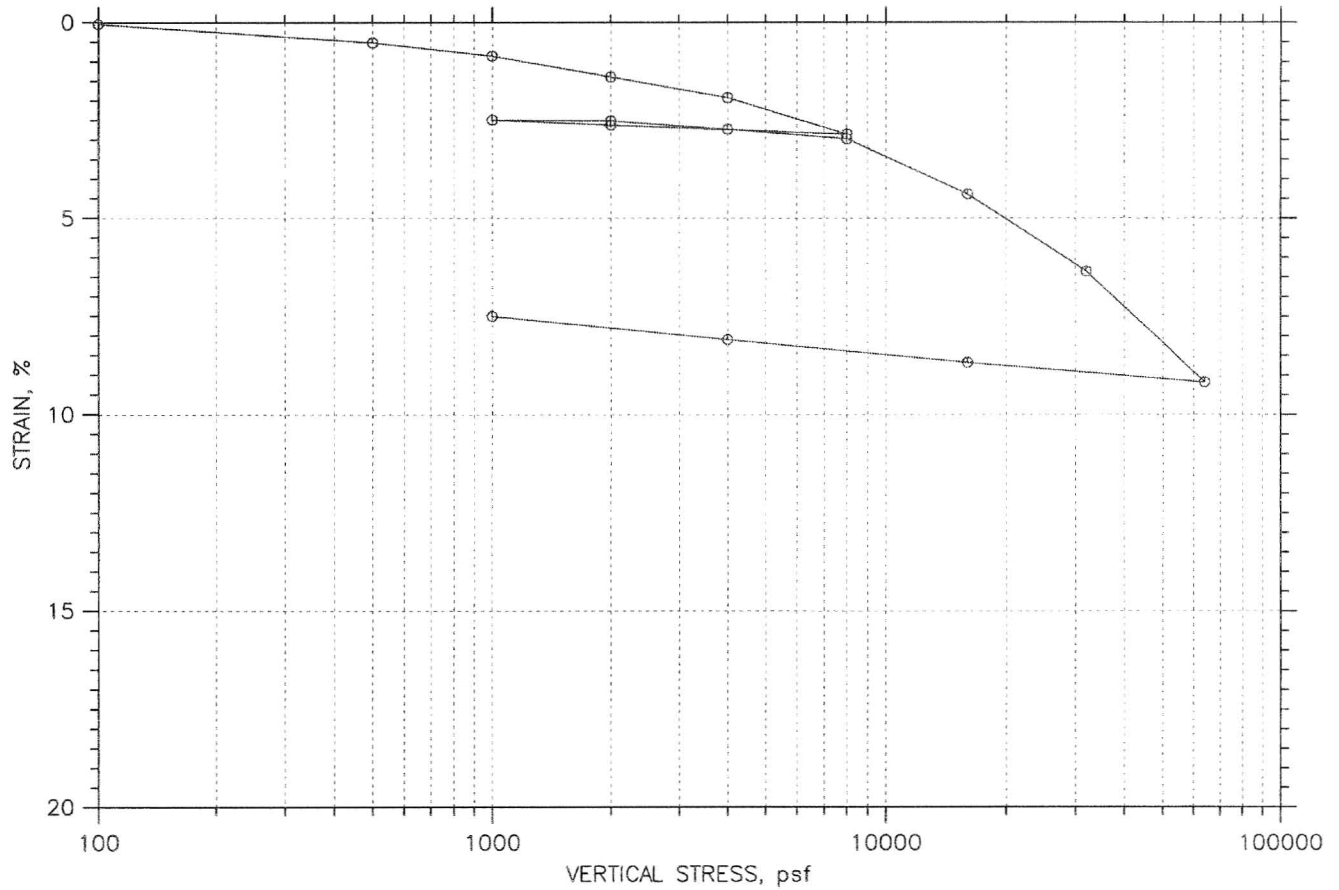


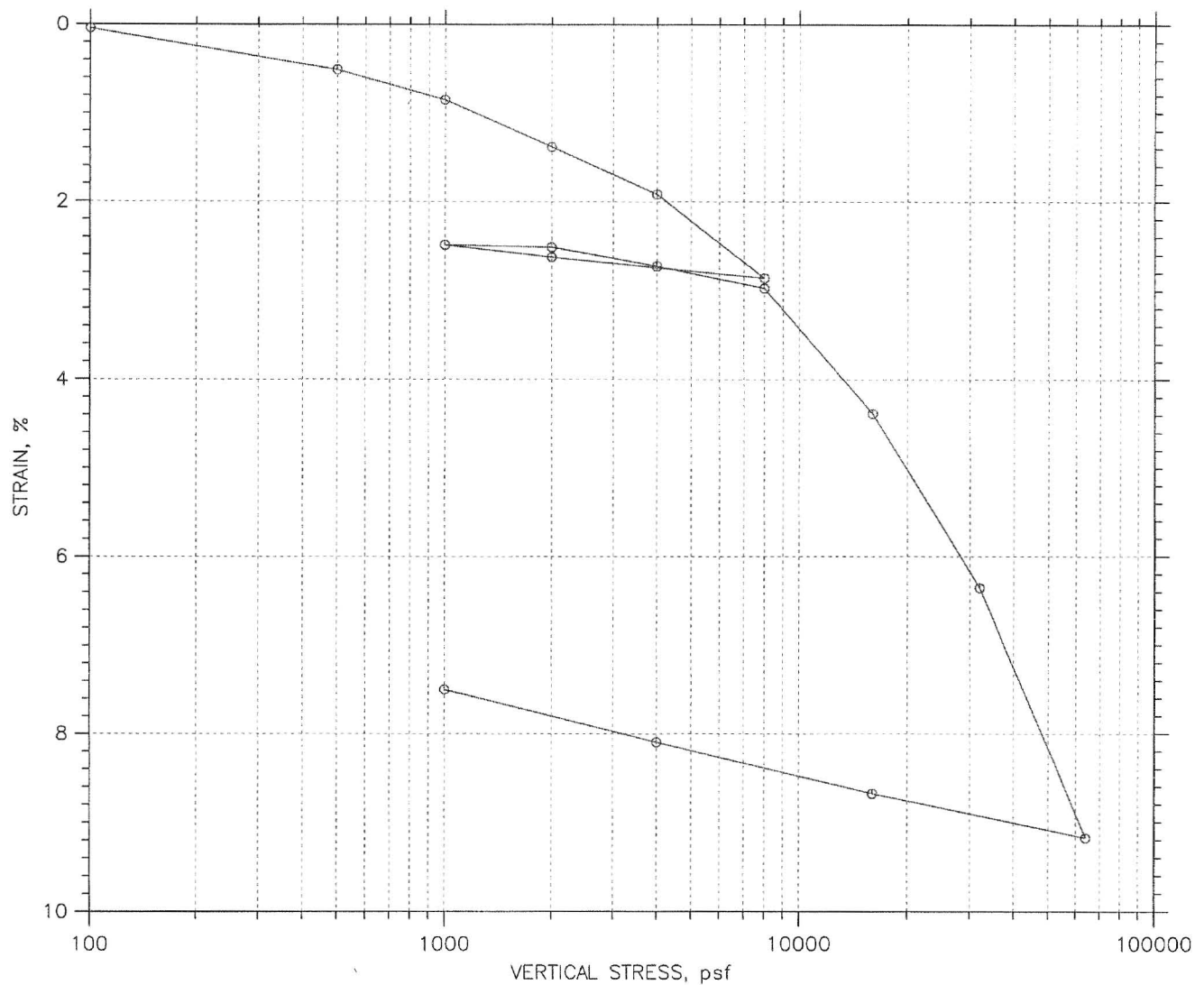
CONSOLIDATION TEST DATA

SUMMARY REPORT



	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW <i>JW 10/30/07</i>
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

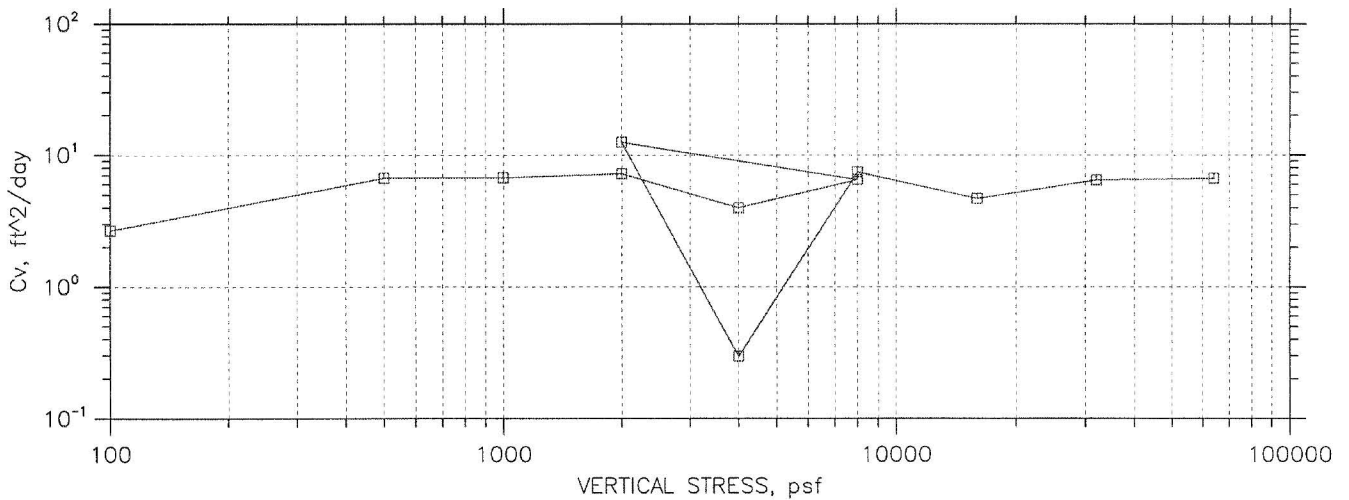
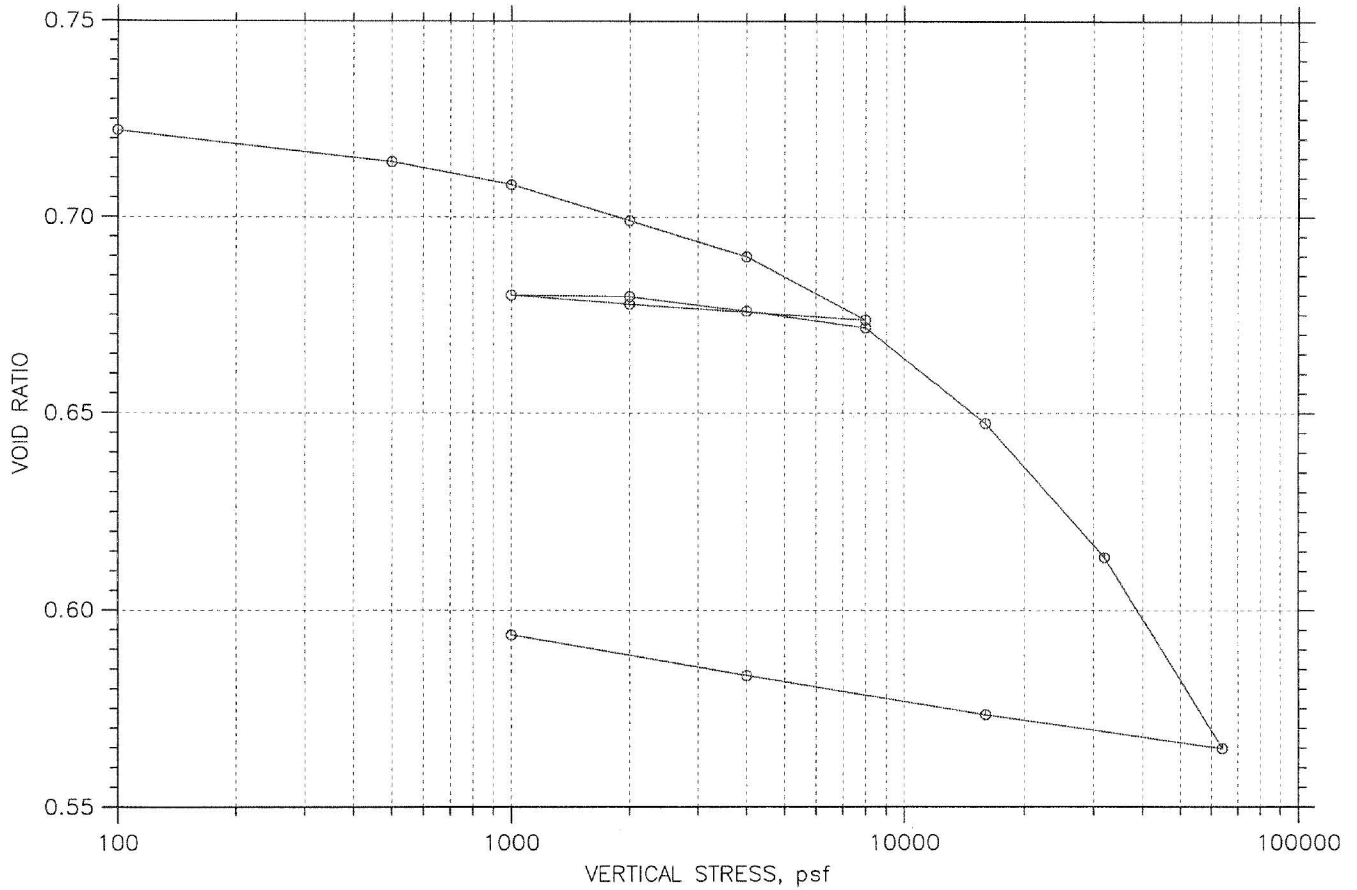
CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 1.19e+004 psf				Water Content, %	21.26	21.66
Preconsolidation Pressure: 0 psf				Dry Unit Weight, pcf	97.83	105.8
Compression Index: 0.14				Saturation, %	79.40	98.50
Diameter: 2.5 in		Height: 0.997 in		Void Ratio	0.72	0.59
LL: 35	PL: 23	PI: 12	GS: 2.70			

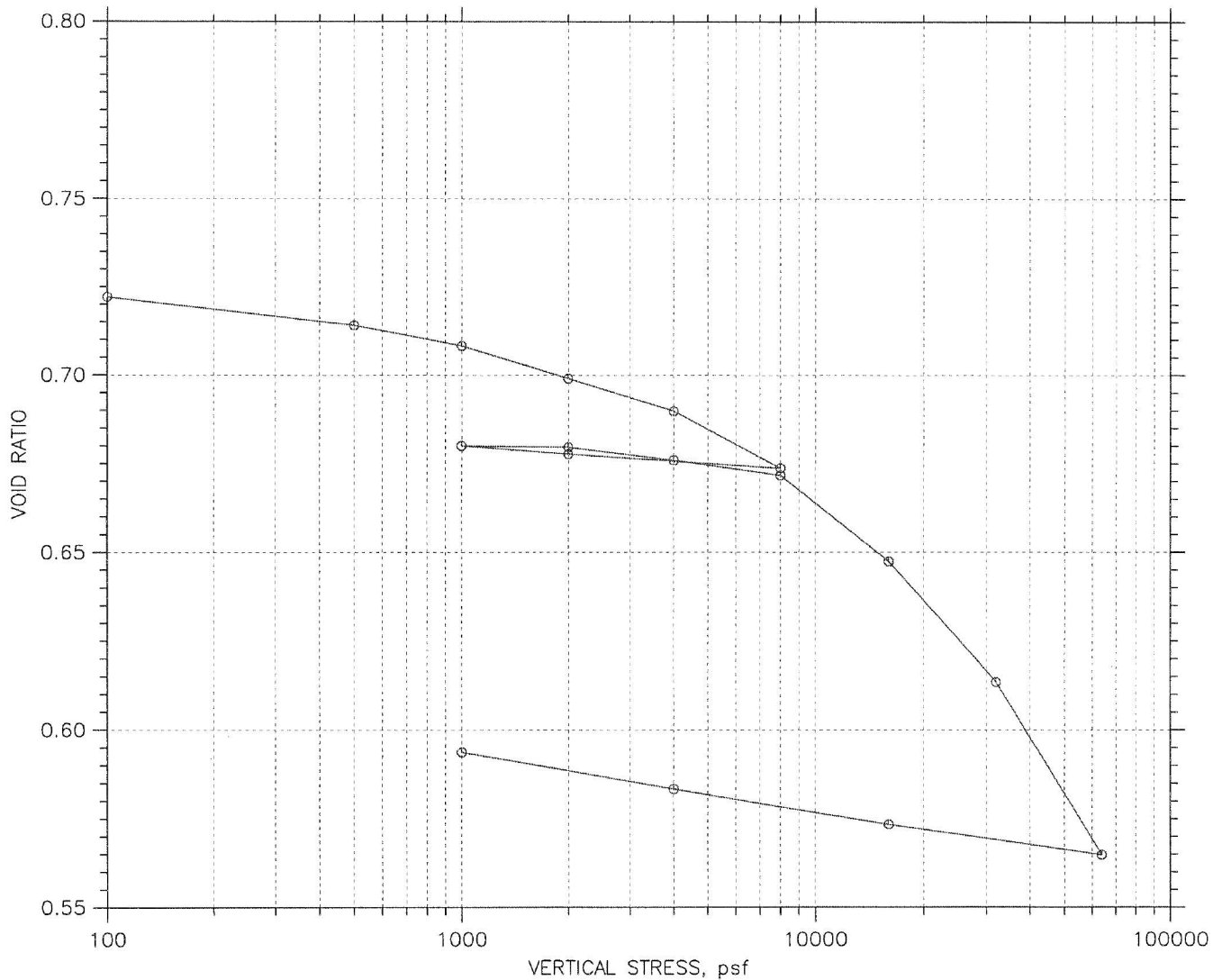
MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW <i>JW 10/30/07</i>
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks: Cr= 0.009		

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW <i>JW 10/30/07</i>
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks: Cr= 0.009		

CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 1.19e+004 psf				Water Content, %	21.26	21.66
Preconsolidation Pressure: 0 psf				Dry Unit Weight, pcf	97.83	105.8
Compression Index: 0.14				Saturation, %	79.40	98.50
Diameter: 2.5 in		Height: 0.997 in		Void Ratio	0.72	0.59
LL: 35	PL: 23	PI: 12	GS: 2.70			

MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW <i>JW 10/30/07</i>
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks: Cr= 0.009		

CONSOLIDATION TEST DATA

Project: Vogtle COL
Boring No.: B-4018
Sample No.: UD-4
Test No.: 7584

Location: B-4018
Tested By: HJ
Test Date: 6/13/07
Sample Type: Undisturbed

Project No.: 6141060286
Checked By: JW
Depth: 128.50'
Elevation: 91.80'

Soil Description: CLAY (CL) (Visual)
Remarks: Cr= 0.009

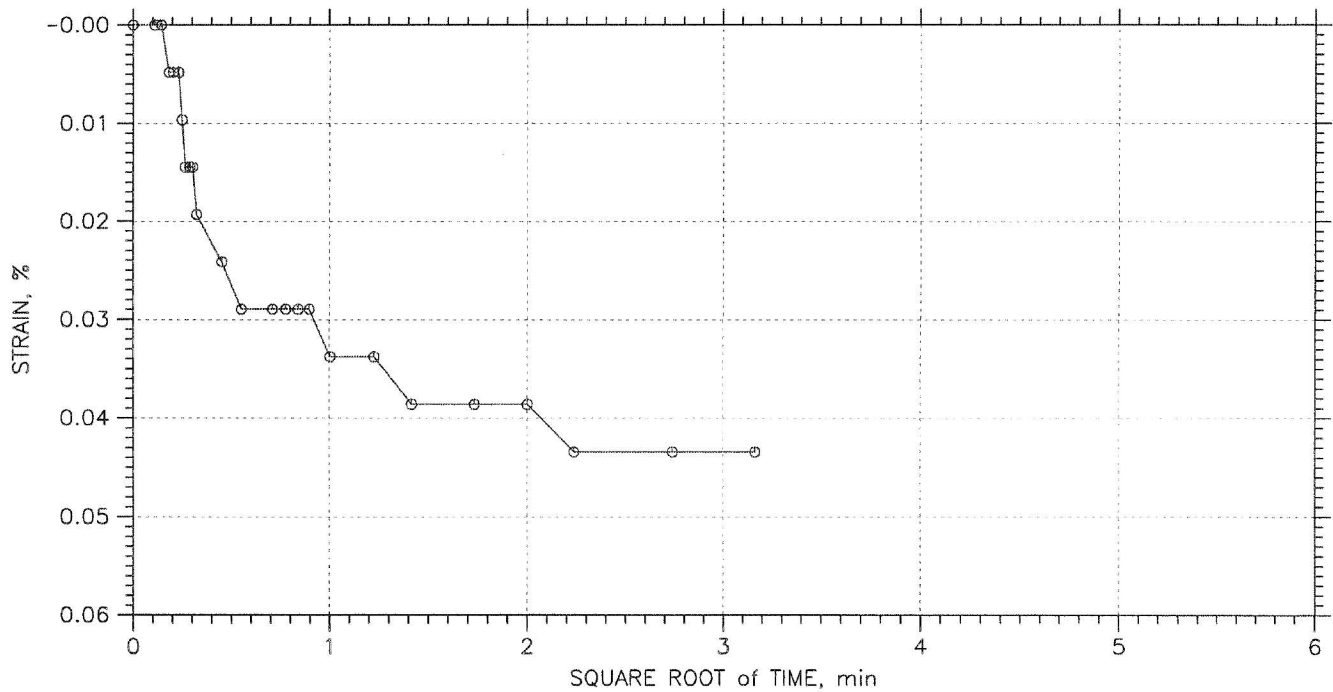
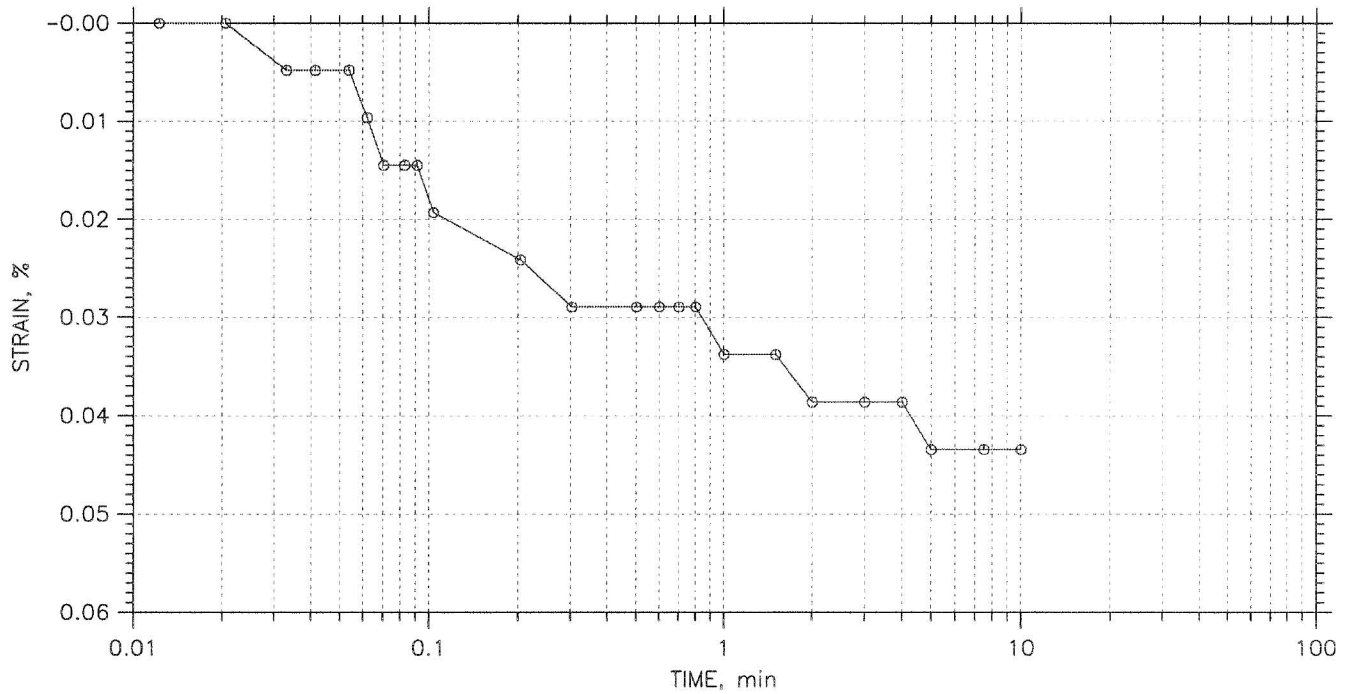
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft^2/day	Log ft^2/day	Ave. ft^2/day
1	100	0.0004331	0.722	0.04	0.2	0.1	2.05e+000	3.89e+000	2.69e+000
2	500	0.005103	0.714	0.51	0.1	0.0	6.69e+000	0.00e+000	6.69e+000
3	1e+003	0.008483	0.708	0.85	0.1	0.0	6.72e+000	0.00e+000	6.72e+000
4	2e+003	0.01382	0.699	1.39	0.1	0.1	6.88e+000	7.58e+000	7.21e+000
5	4e+003	0.01914	0.690	1.92	0.1	0.0	3.98e+000	0.00e+000	3.98e+000
6	8e+003	0.02849	0.674	2.86	0.1	0.0	4.52e+000	1.18e+001	6.53e+000
7	2e+003	0.02616	0.678	2.62	0.0	0.0	1.71e+001	0.00e+000	1.71e+001
8	1e+003	0.02481	0.680	2.49	0.1	0.0	9.07e+000	0.00e+000	9.07e+000
9	2e+003	0.02505	0.680	2.51	0.0	0.0	1.25e+001	0.00e+000	1.25e+001
10	4e+003	0.02717	0.676	2.73	1.6	0.0	2.95e-001	0.00e+000	2.95e-001
11	8e+003	0.02964	0.672	2.97	0.1	0.0	7.42e+000	0.00e+000	7.42e+000
12	1.6e+004	0.04373	0.647	4.39	0.1	0.0	4.69e+000	0.00e+000	4.69e+000
13	3.2e+004	0.06337	0.613	6.36	0.1	0.0	4.59e+000	1.09e+001	6.46e+000
14	6.4e+004	0.09149	0.565	9.18	0.1	0.0	4.75e+000	1.12e+001	6.67e+000
15	1.6e+004	0.08653	0.573	8.68	0.0	0.0	1.52e+001	0.00e+000	1.52e+001
16	4e+003	0.08075	0.583	8.10	0.0	0.0	1.51e+001	0.00e+000	1.51e+001
17	1e+003	0.07479	0.594	7.50	0.2	0.2	1.80e+000	2.77e+000	2.19e+000

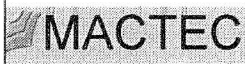
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 17

Stress: 100. psf



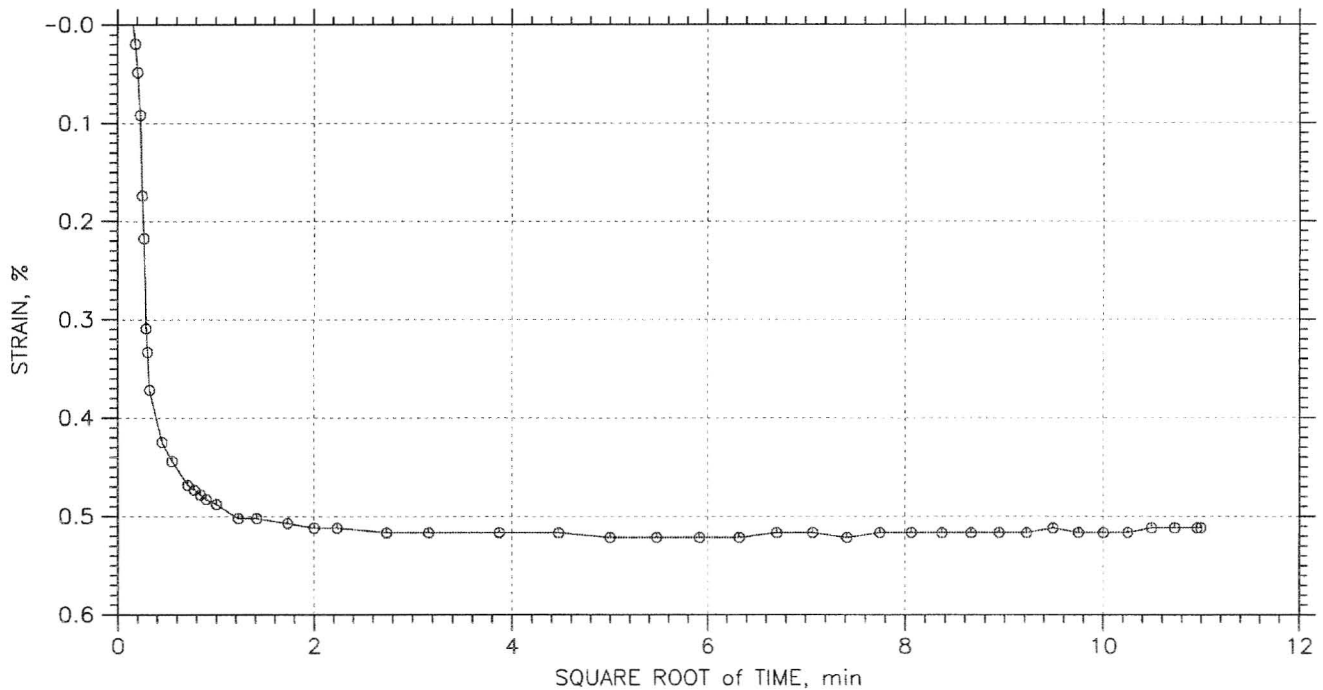
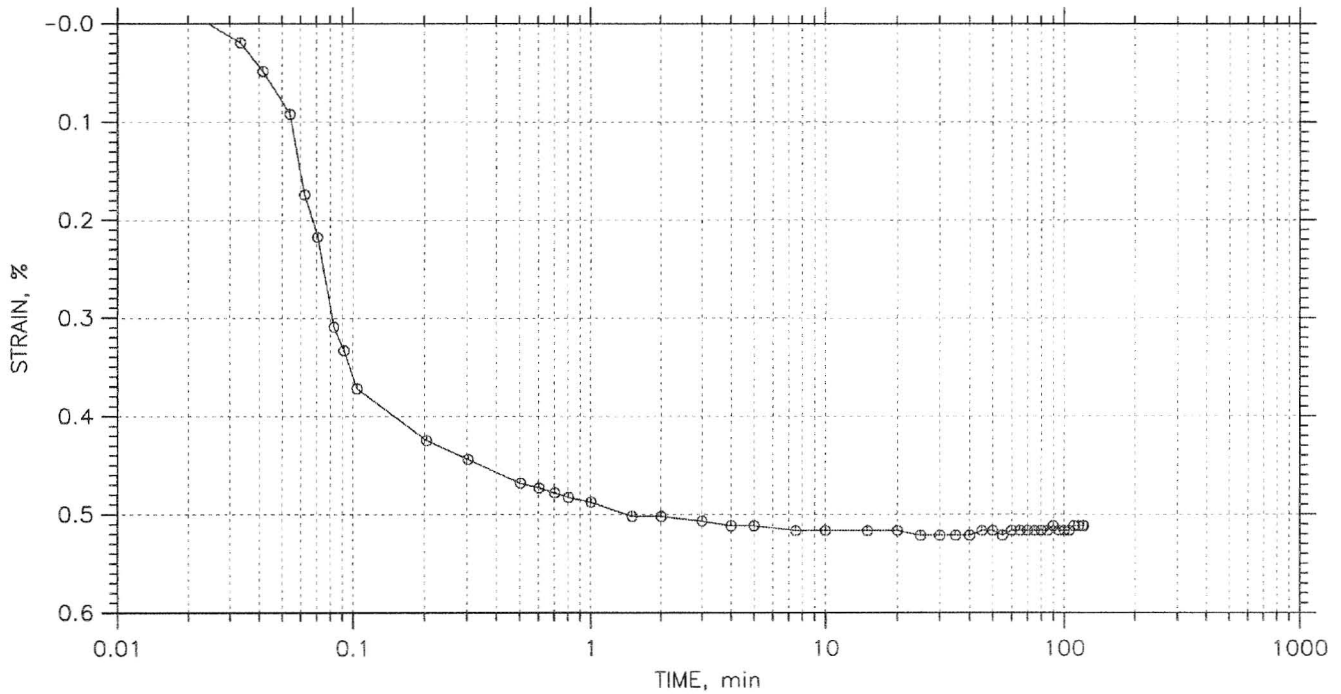
	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 17

Stress: 500. psf



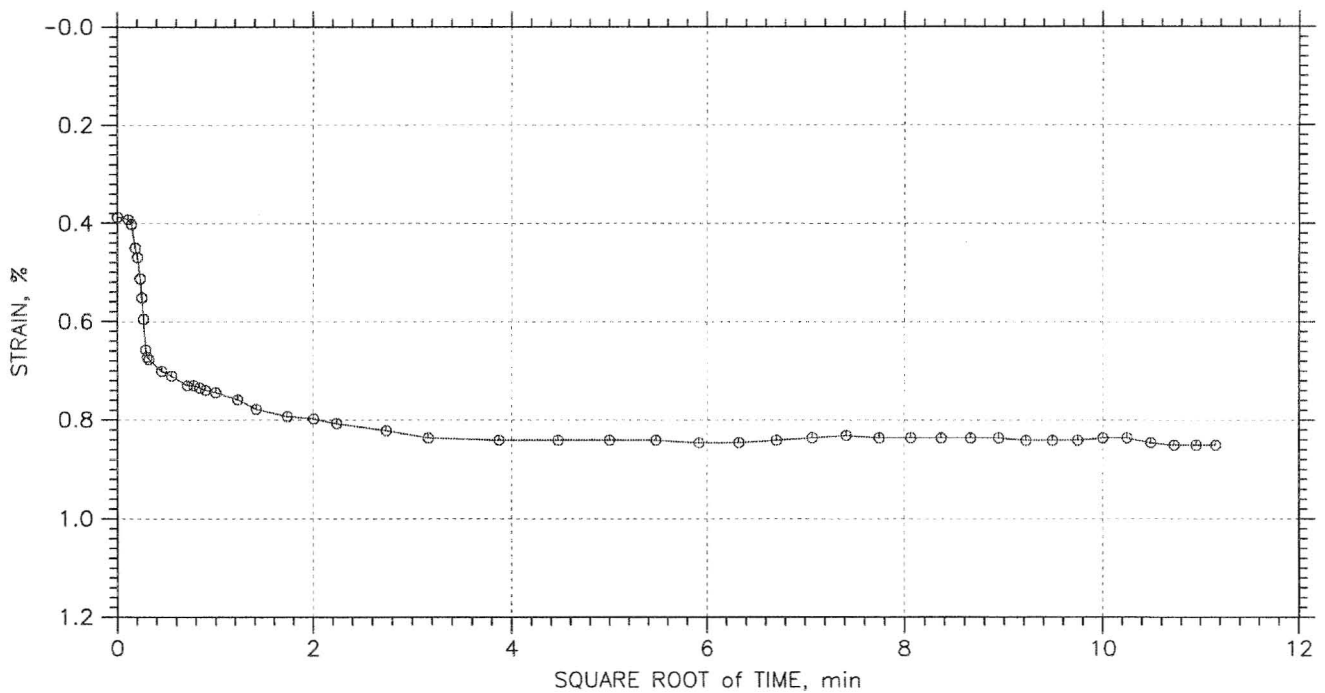
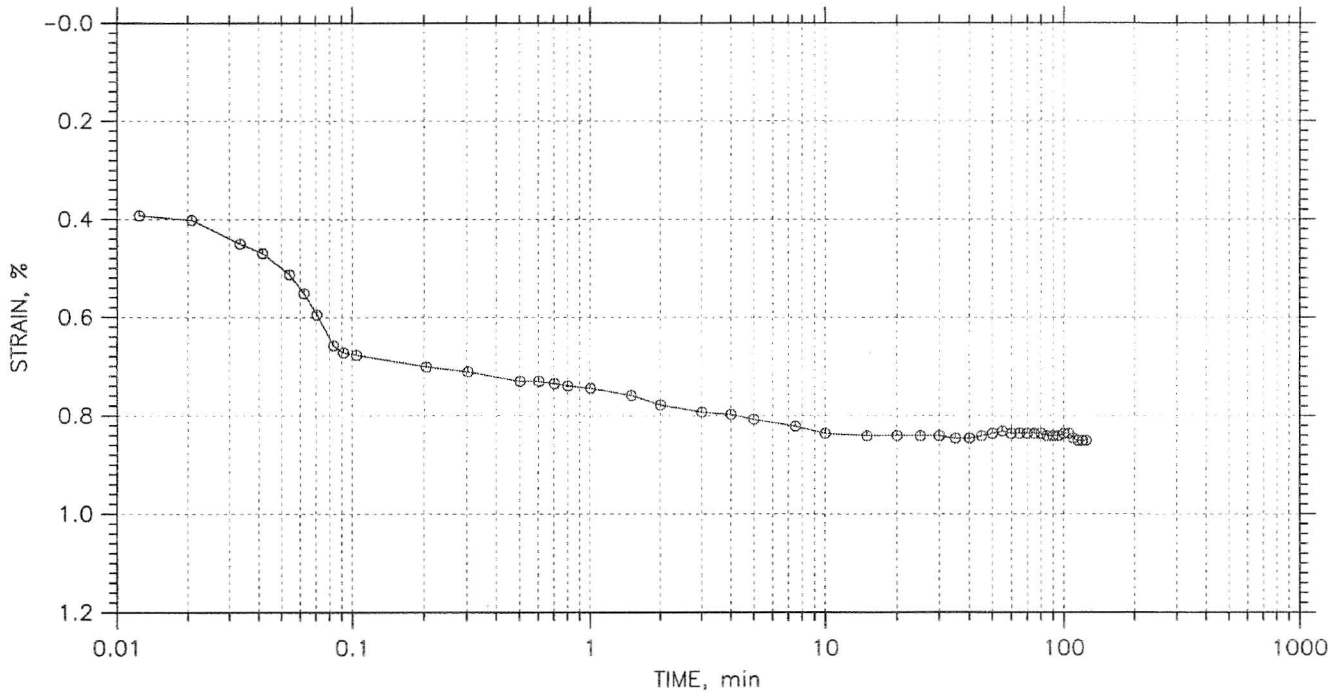
	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 17

Stress: 1000. psf



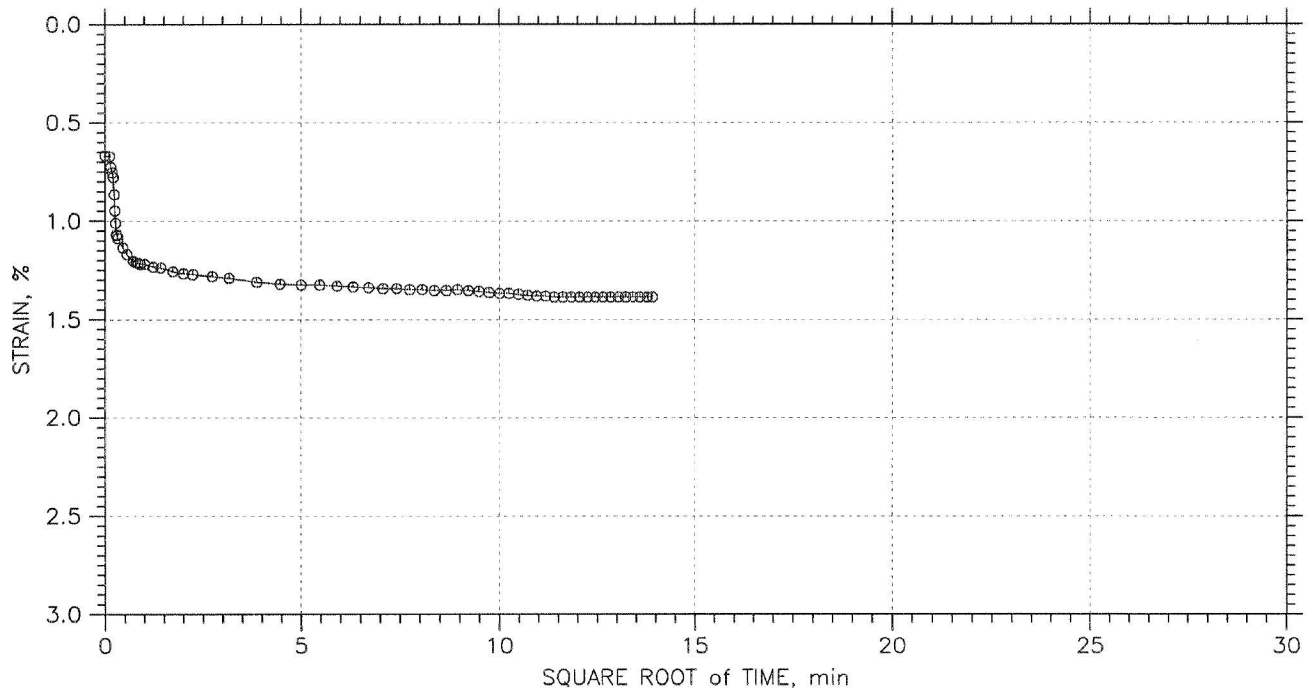
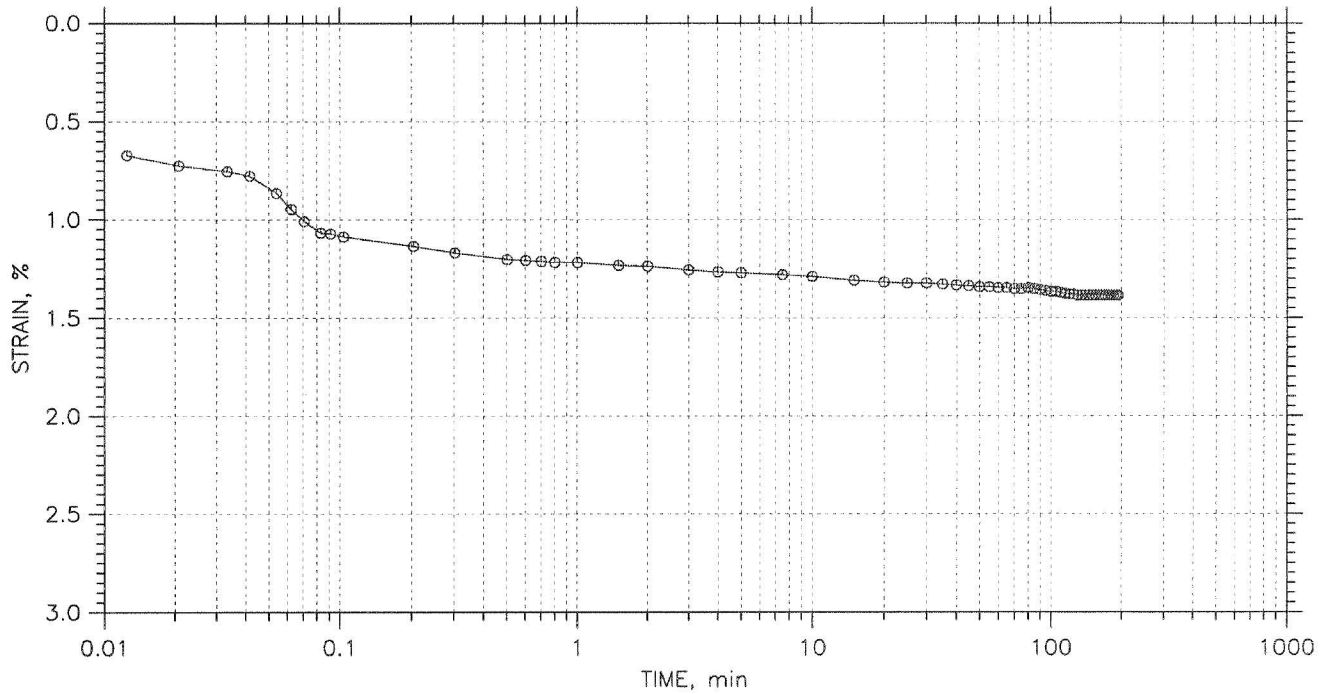
MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 17

Stress: 2000. psf



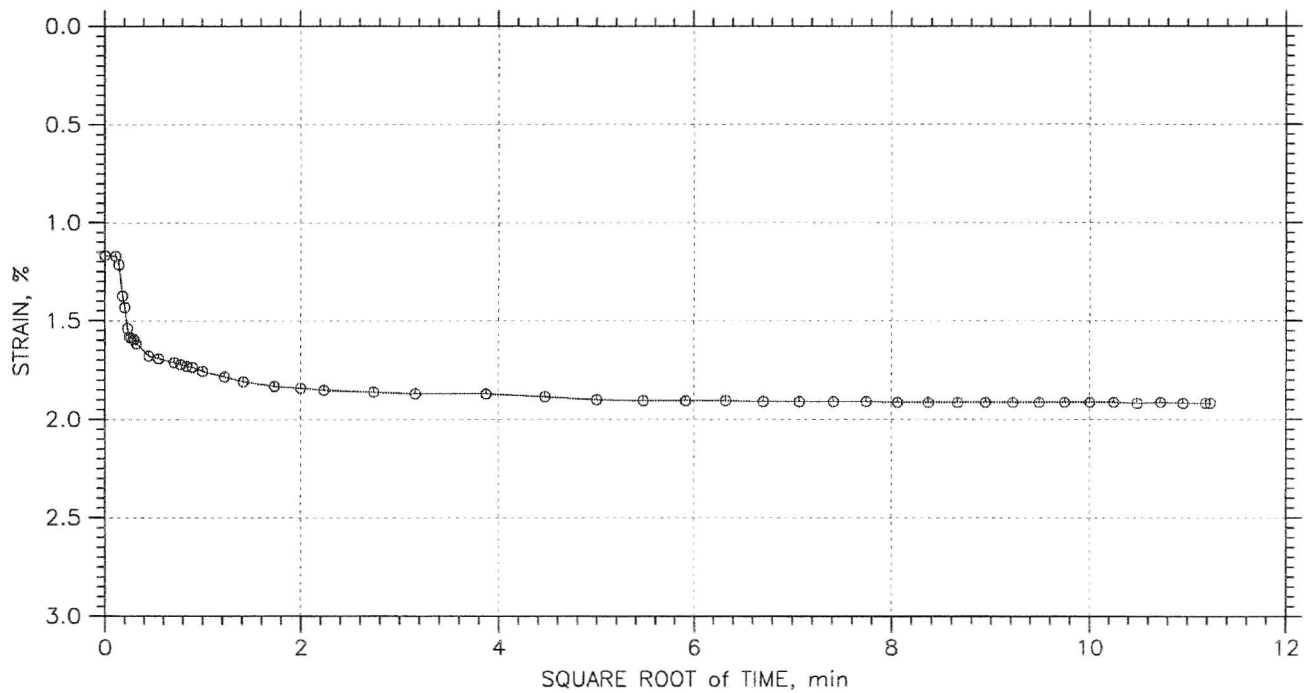
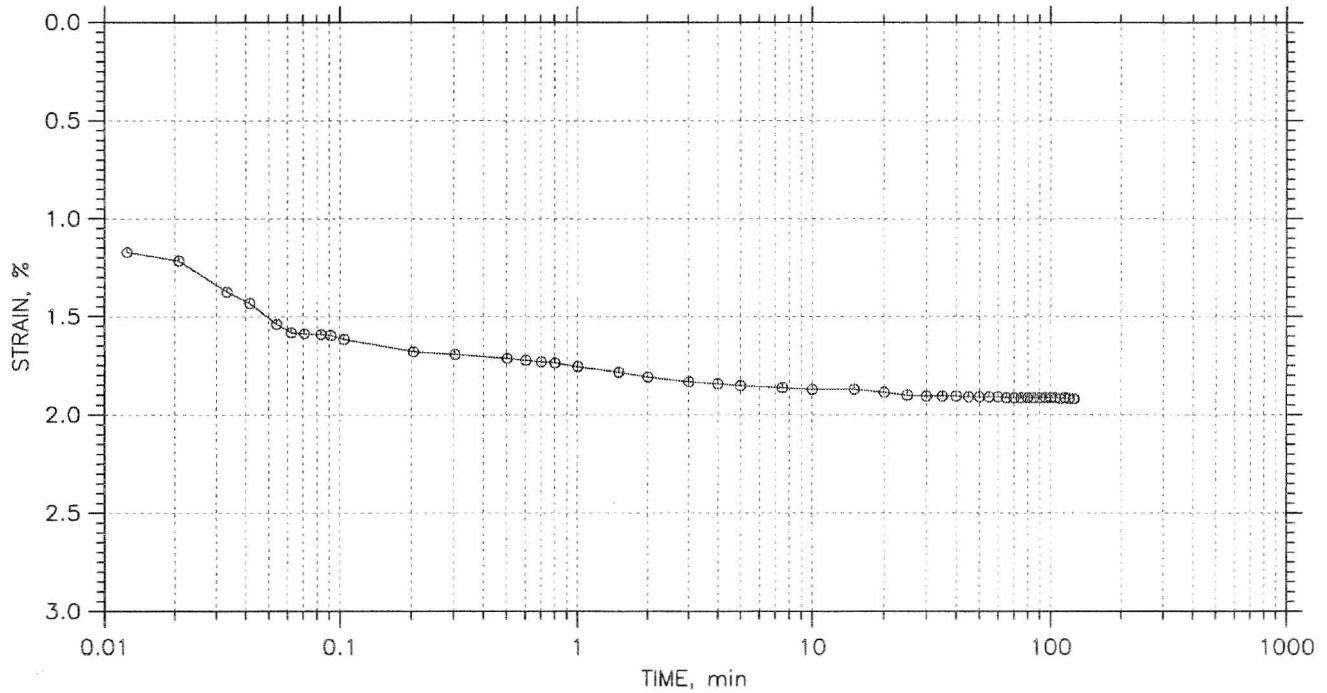
	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 17

Stress: 4000. psf



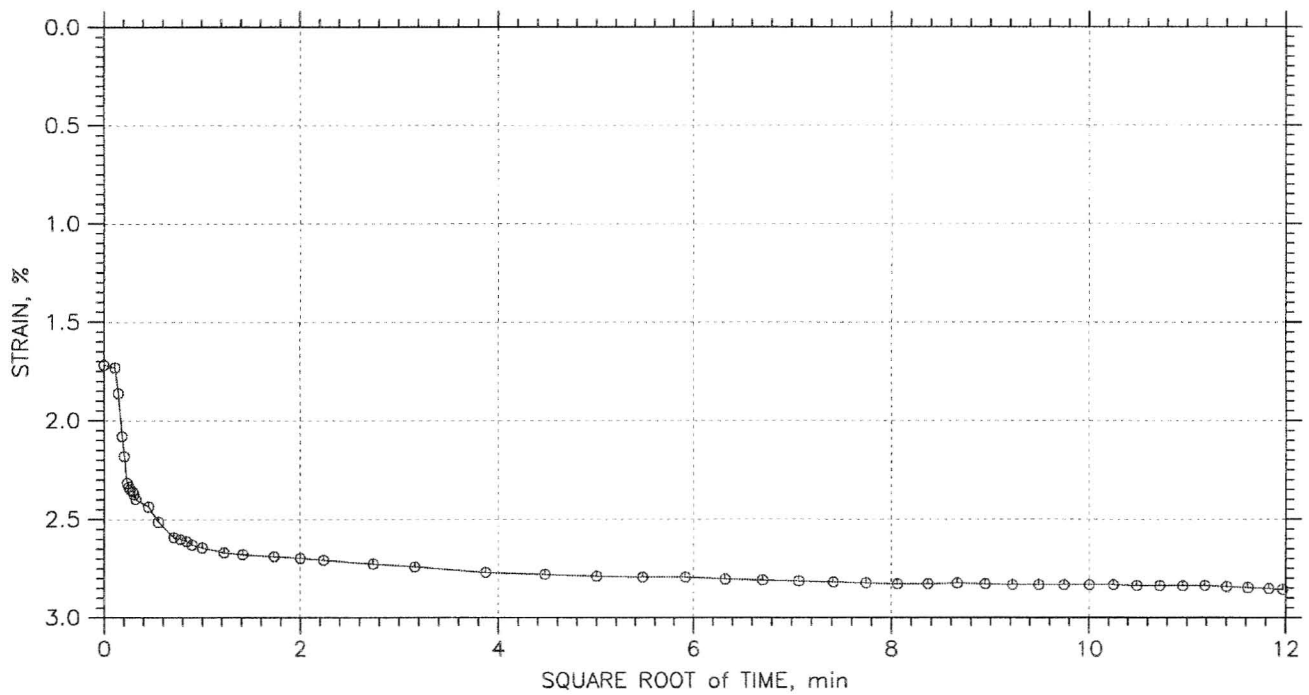
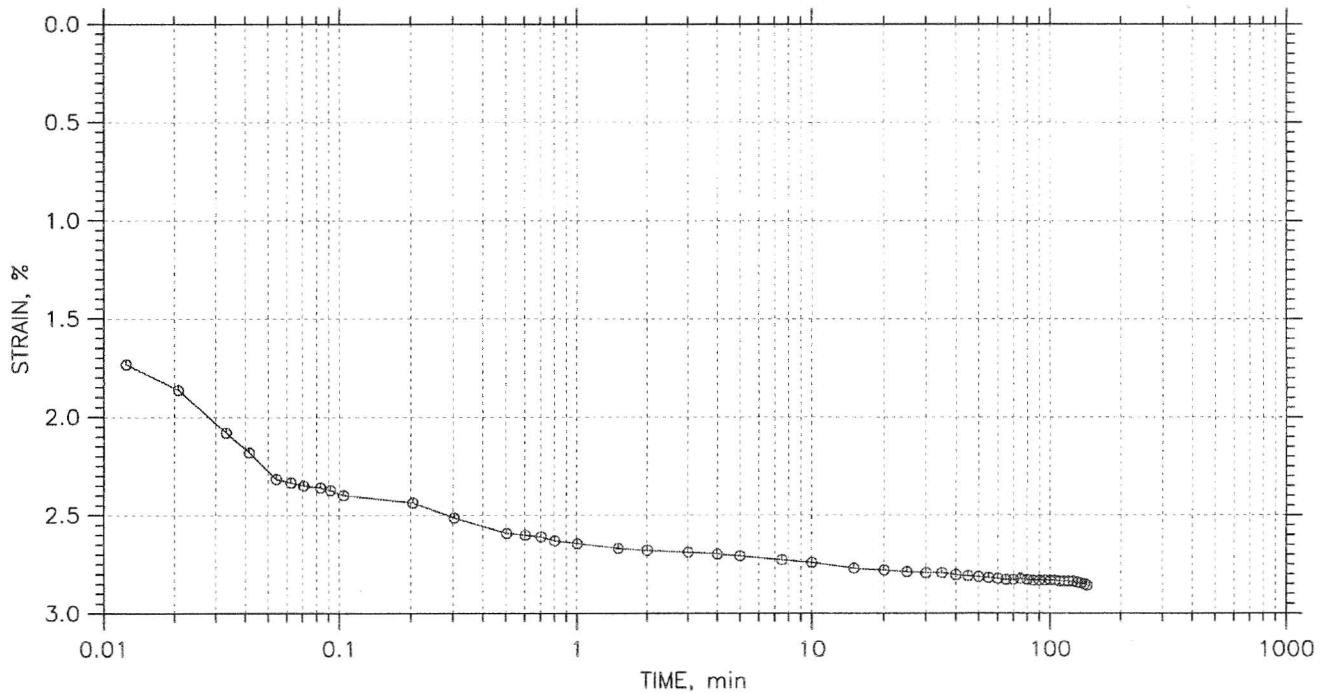
	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

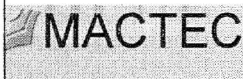
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 17

Stress: 8000. psf



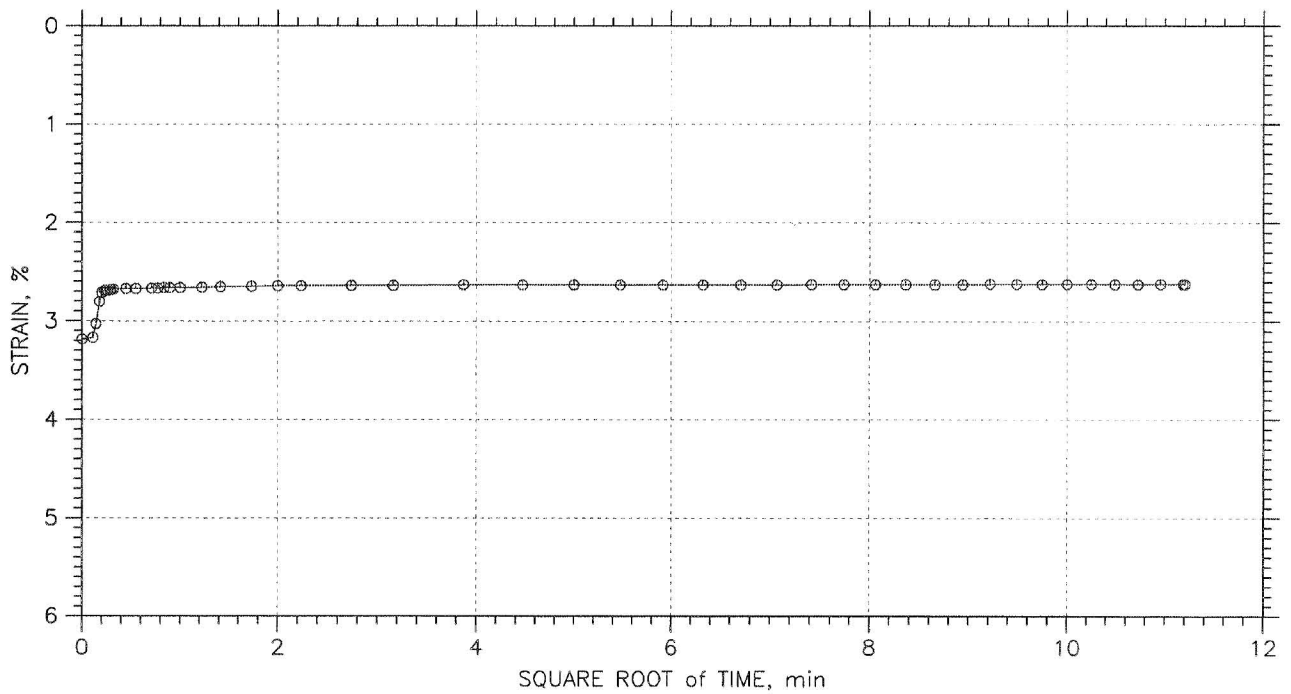
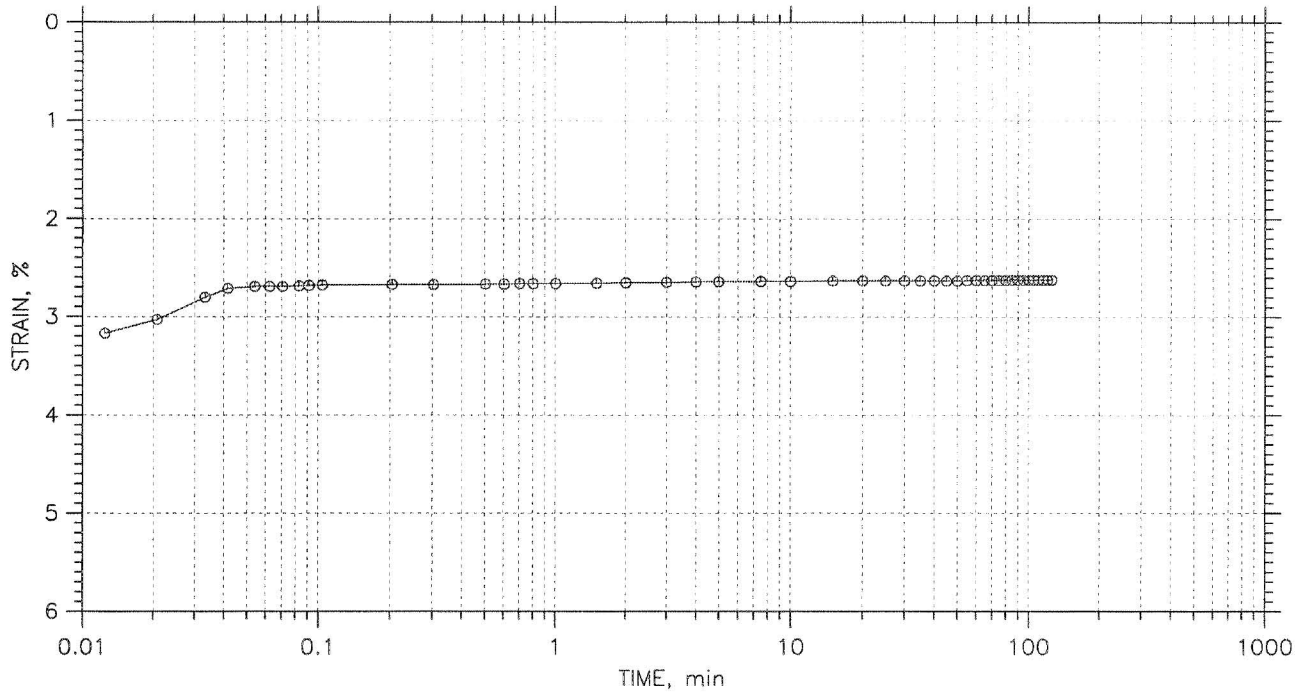
	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 17

Stress: 2000. psf



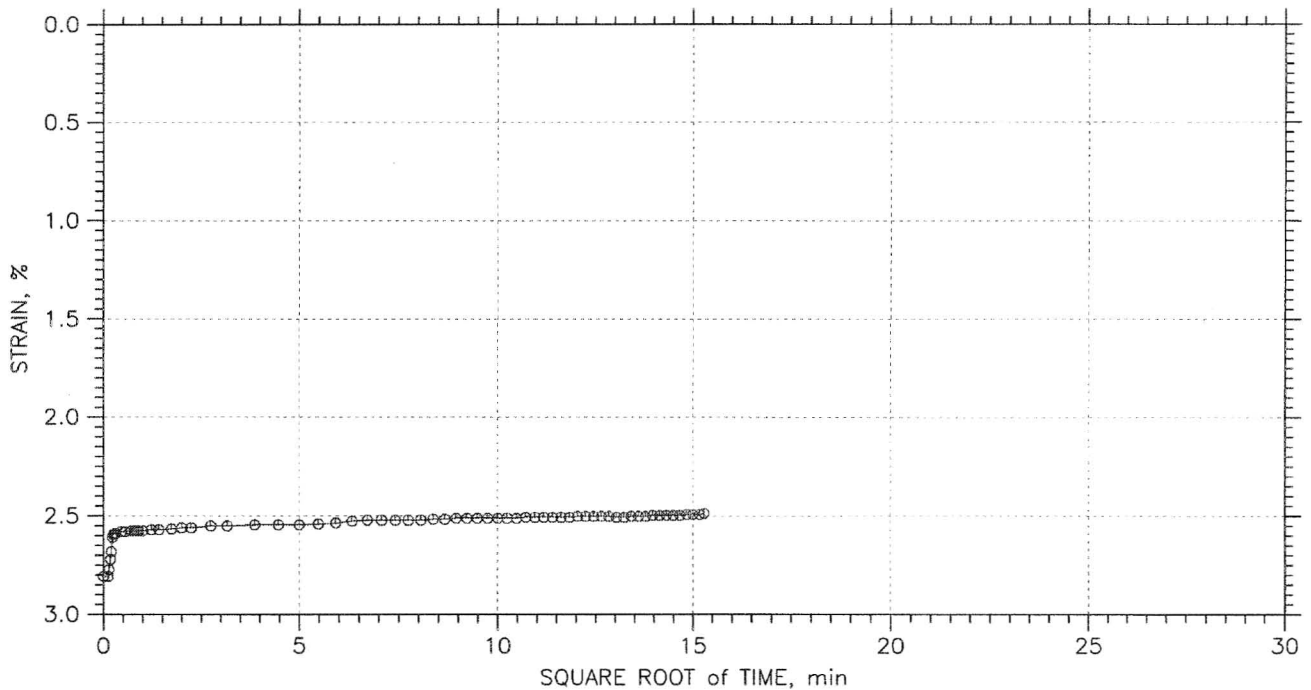
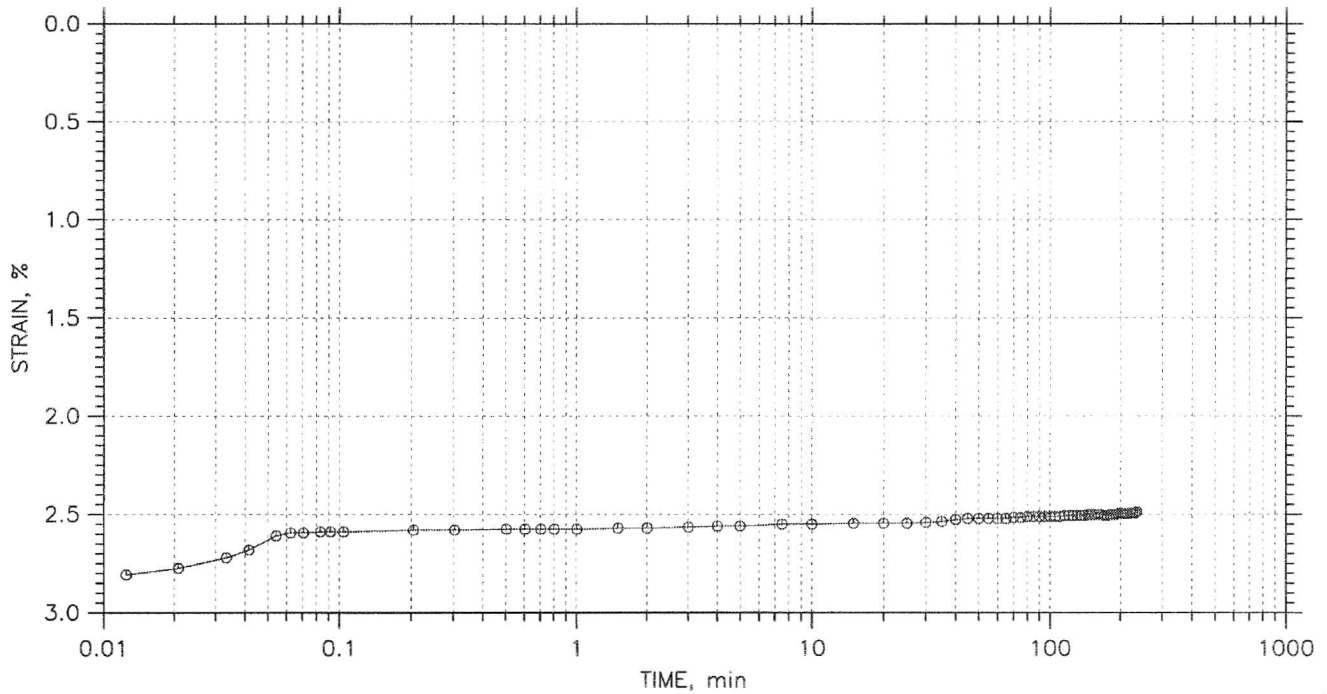
	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 17

Stress: 1000. psf



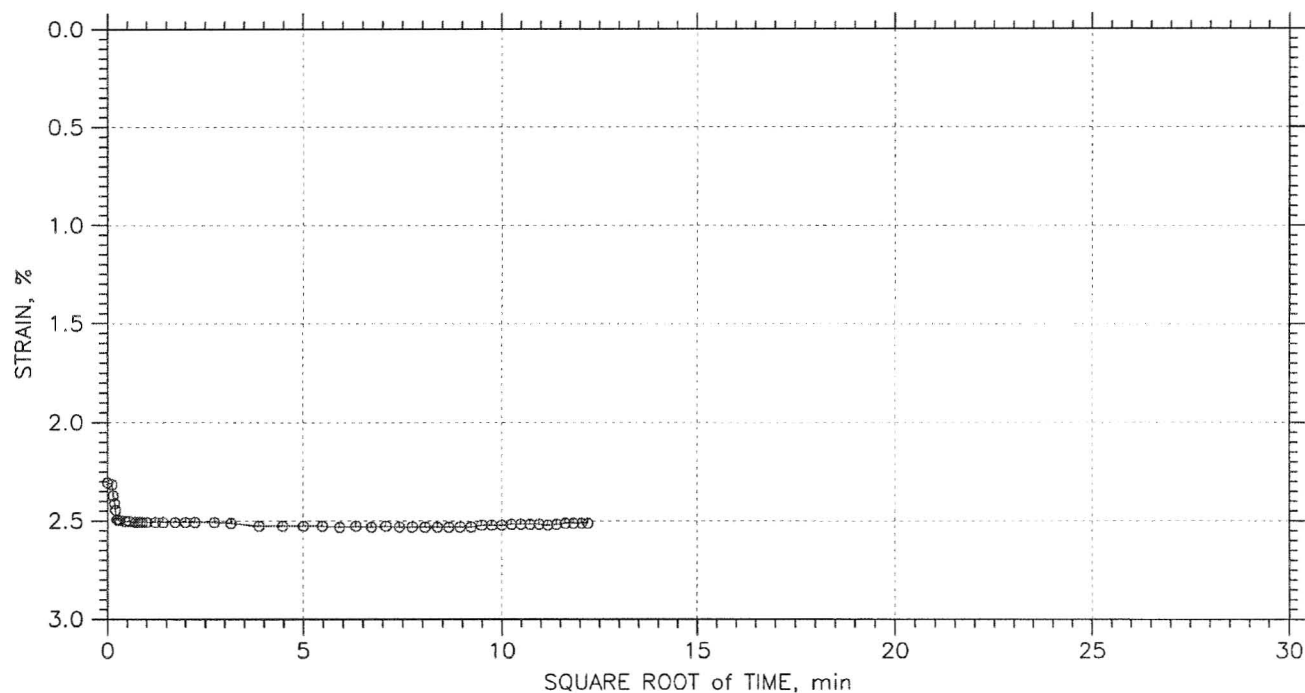
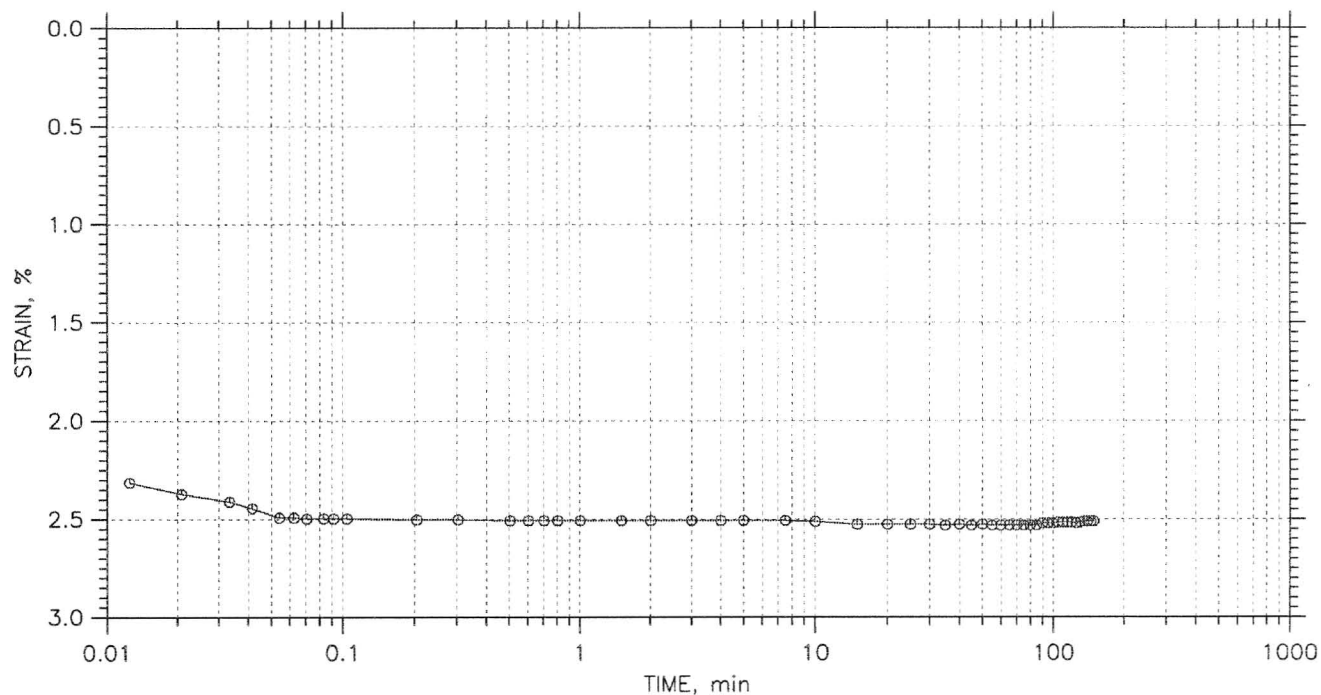
MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 17

Stress: 2000. psf



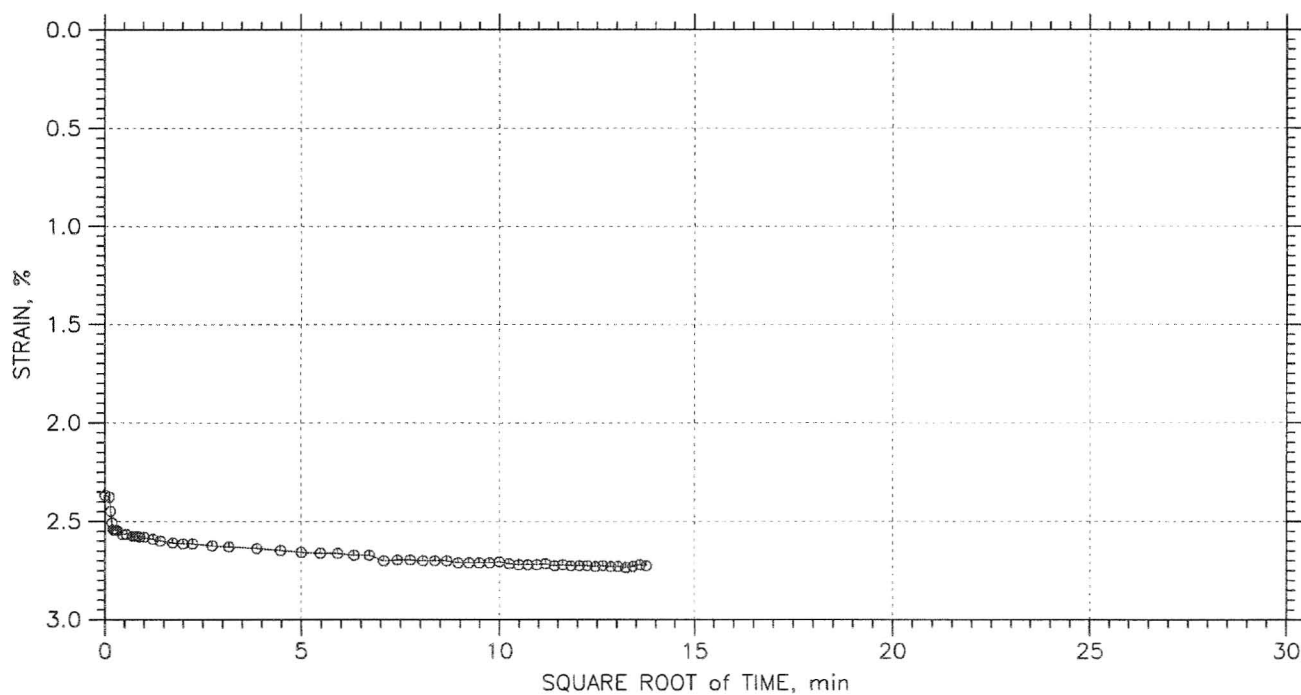
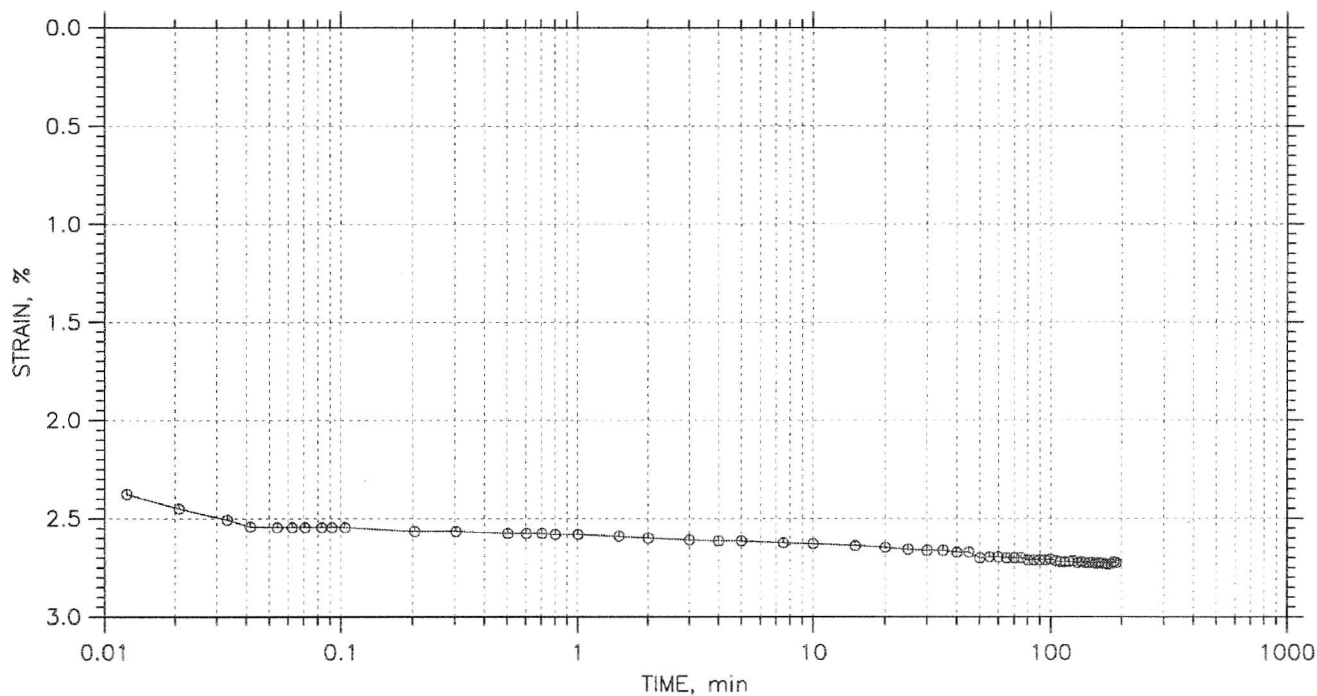
MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

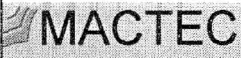
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 17

Stress: 4000. psf



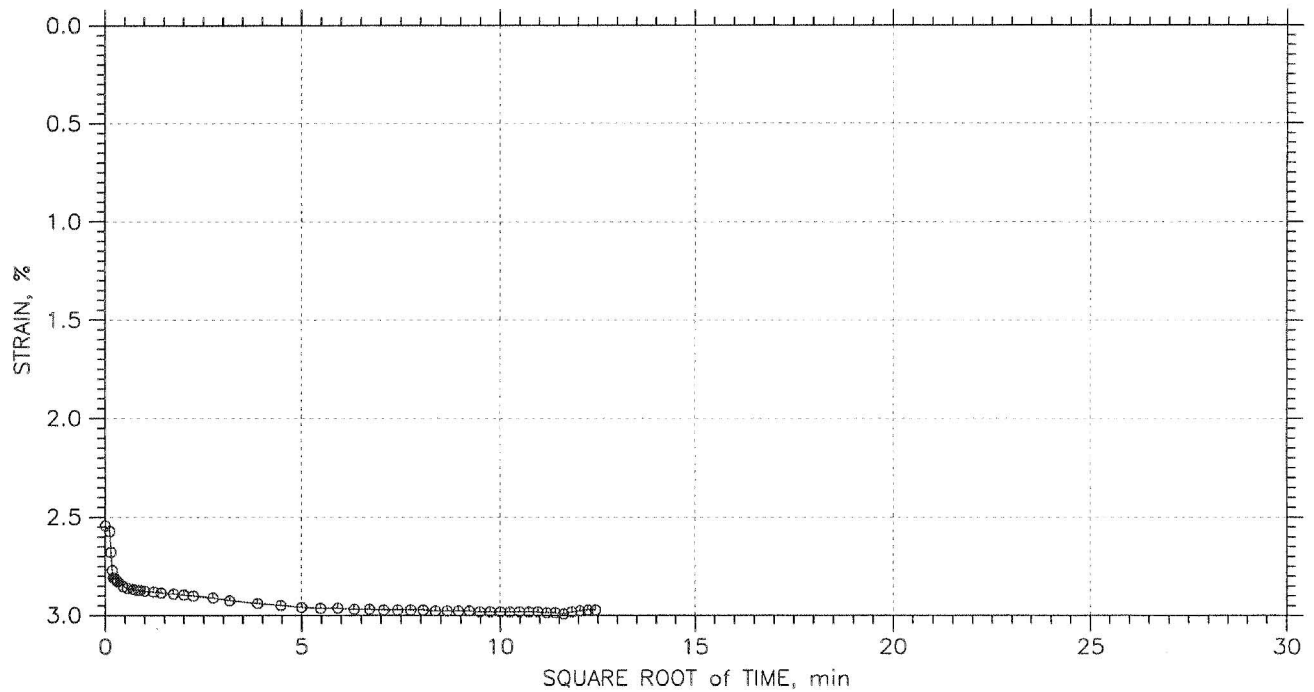
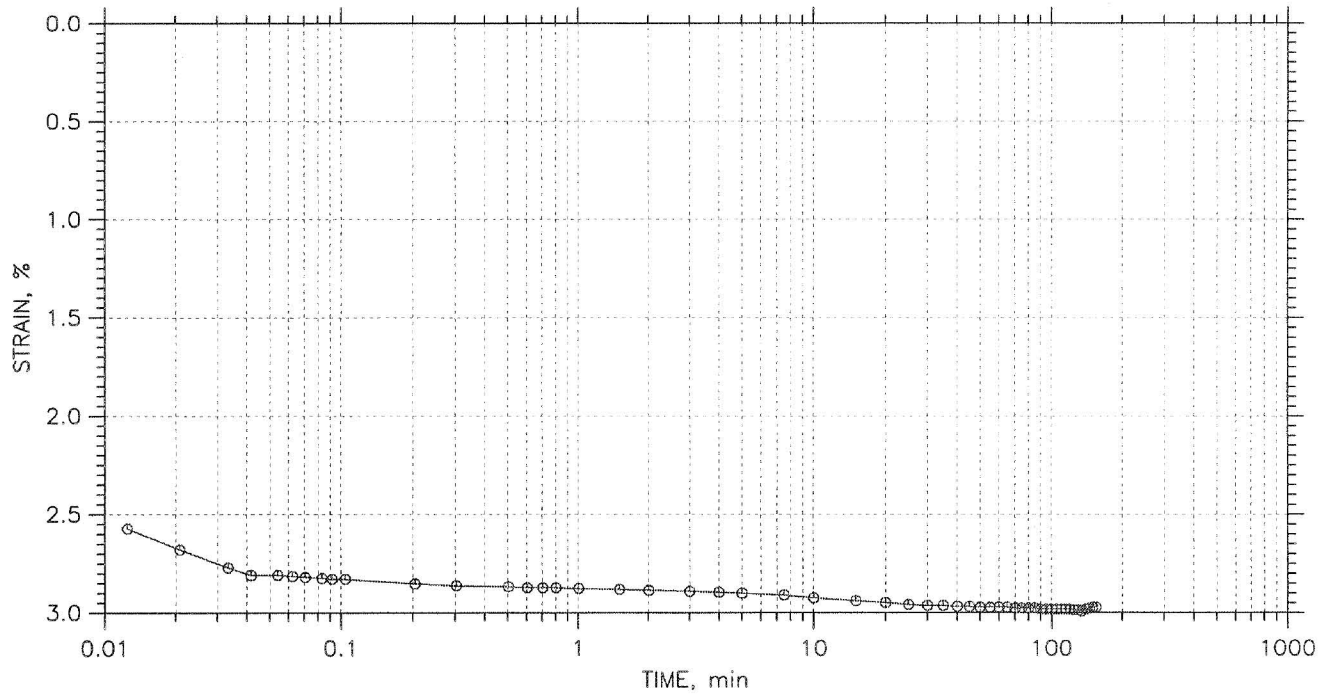
	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 17

Stress: 8000. psf



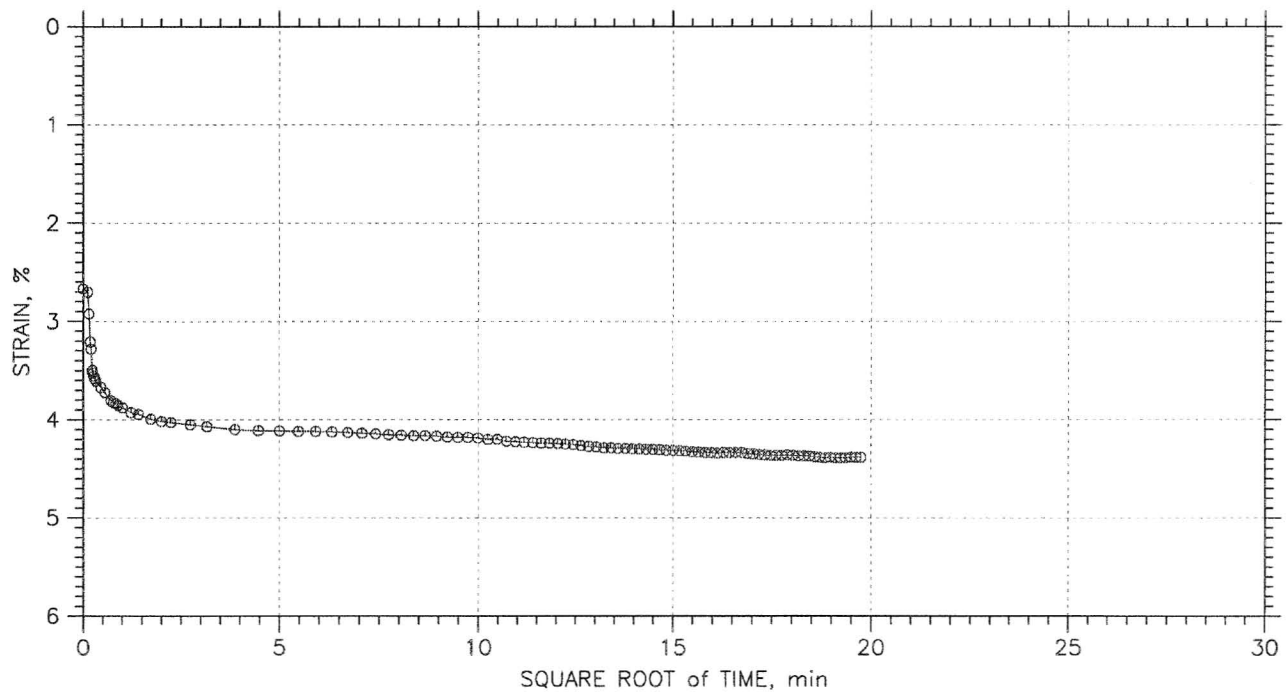
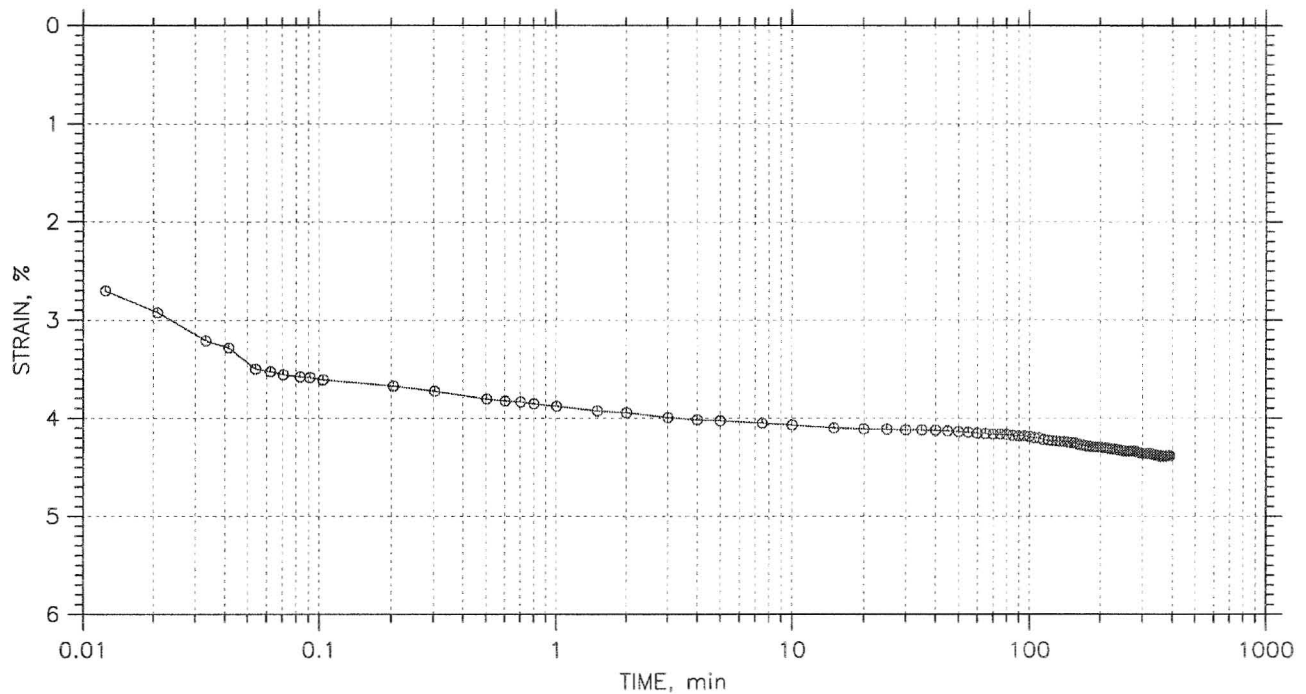
MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 17

Stress: 16000 psf



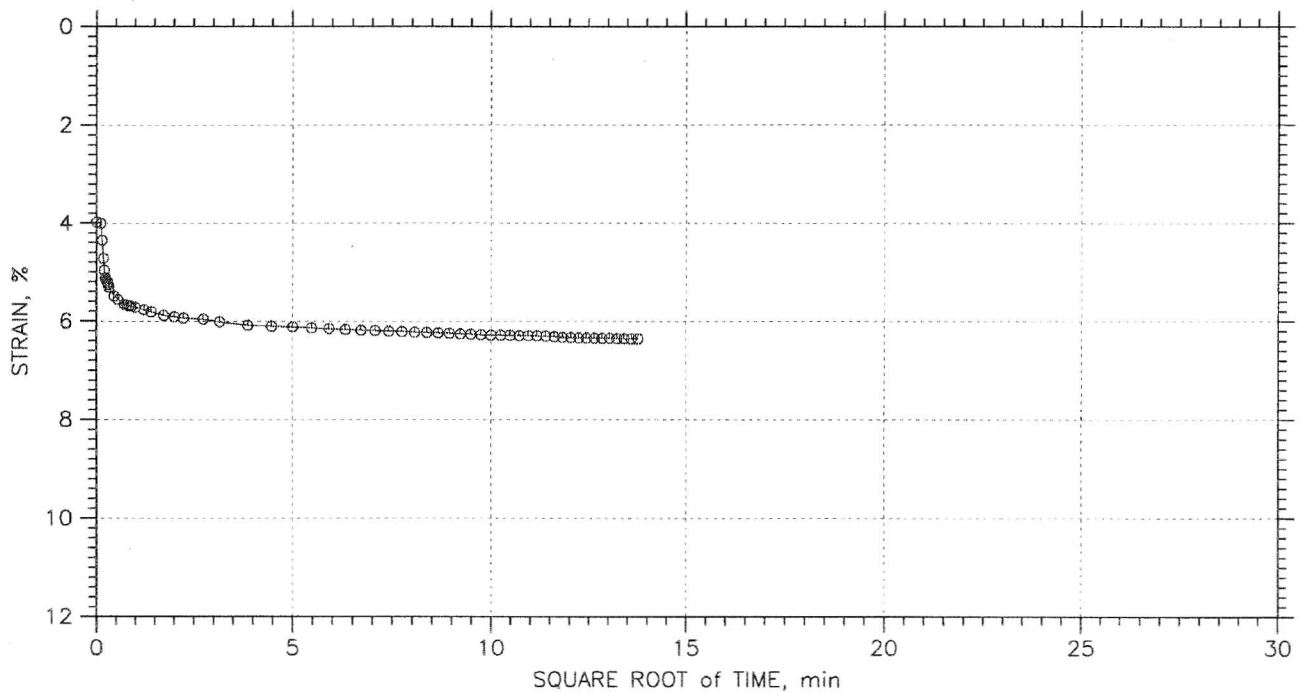
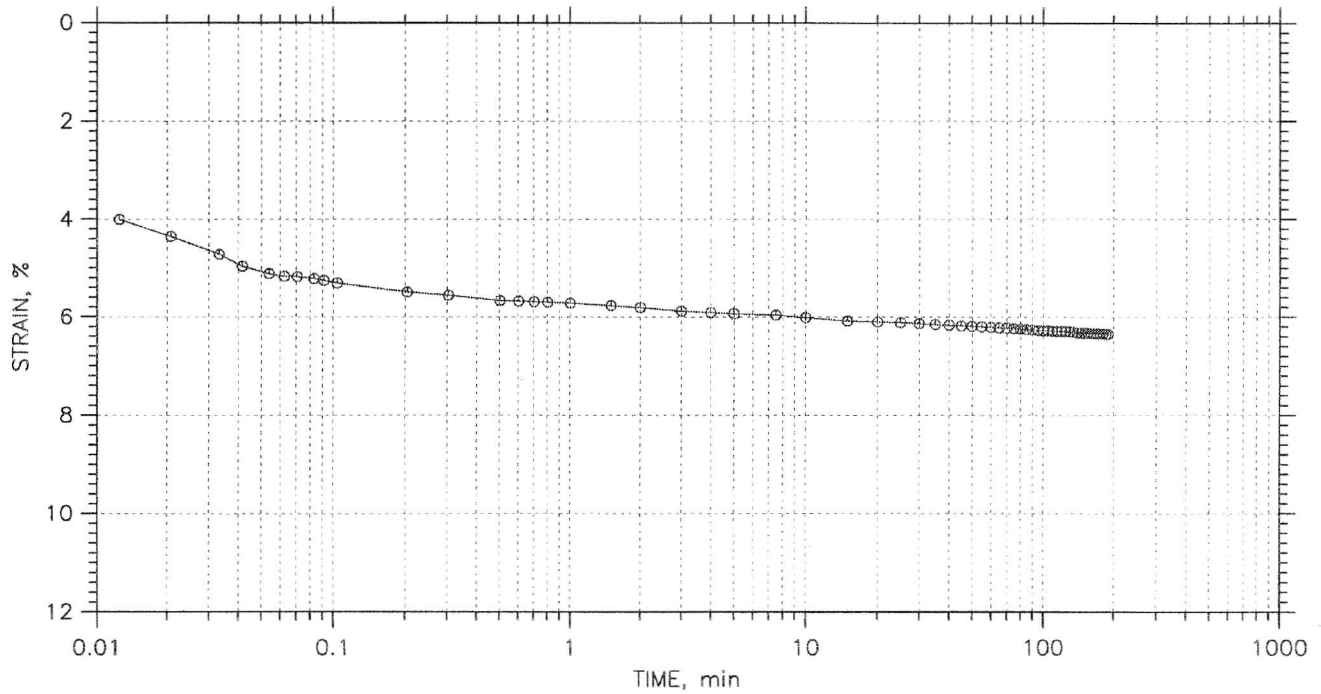
MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 17

Stress: 32000 psf



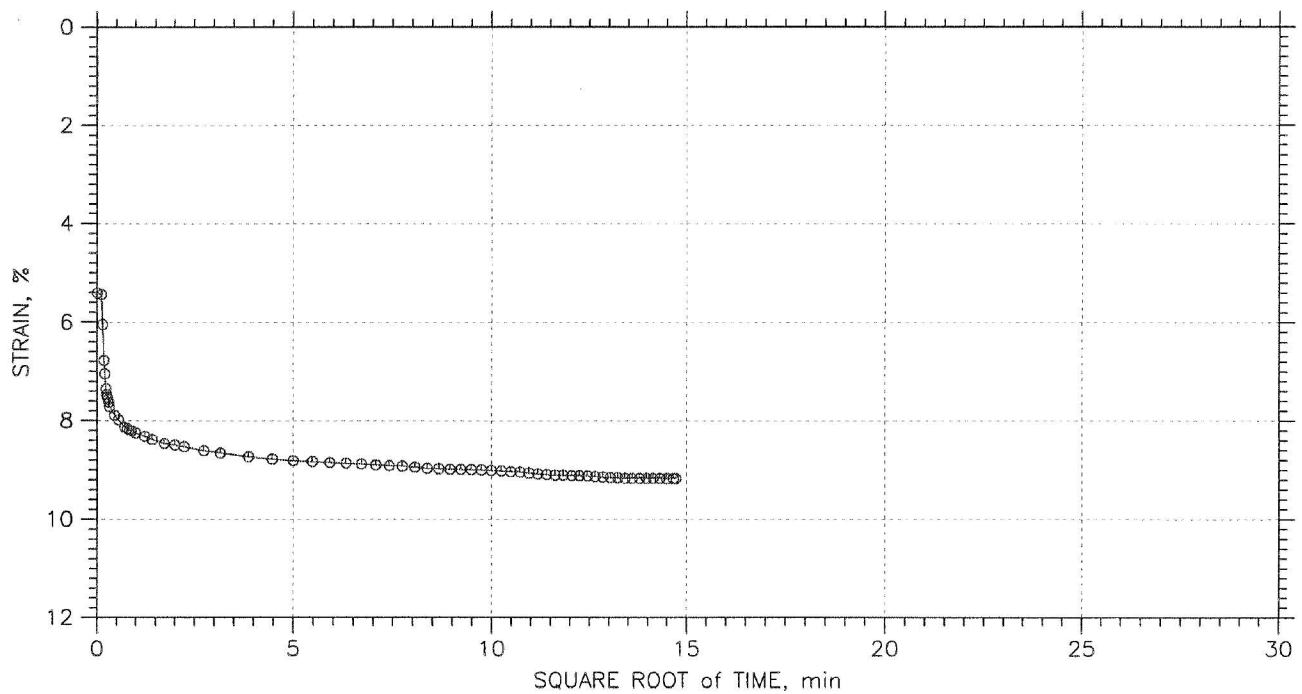
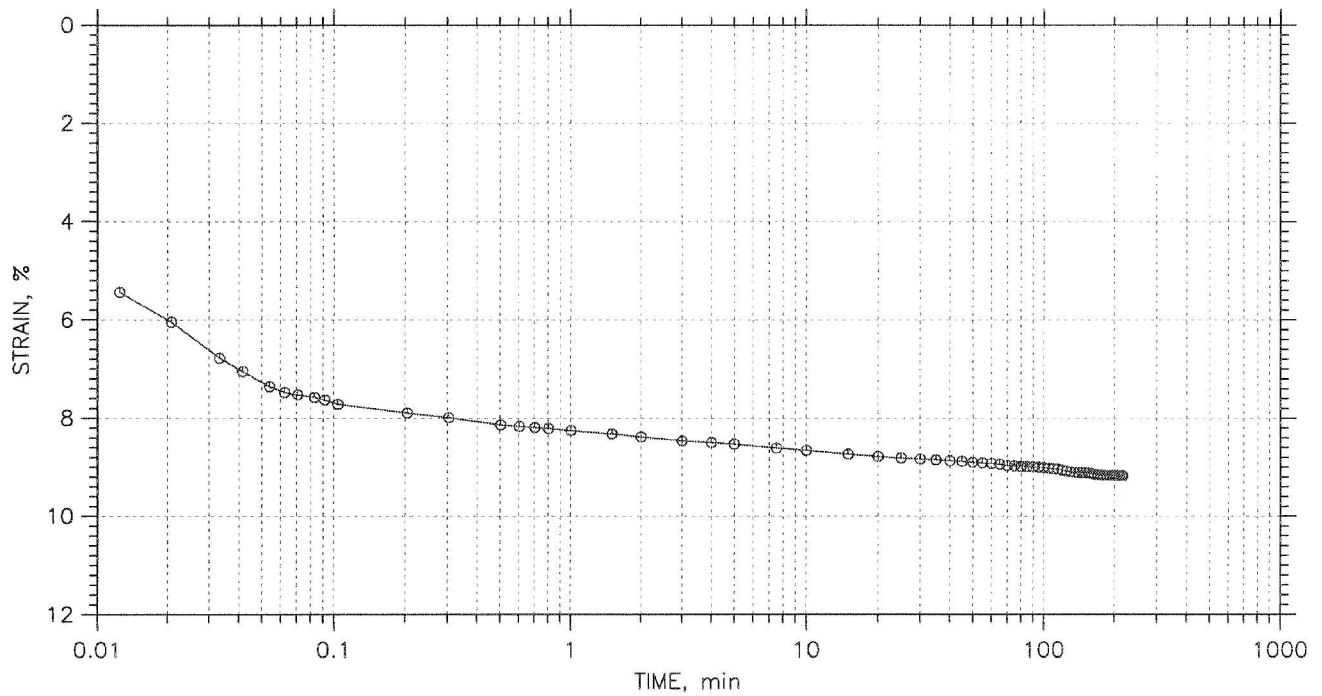
MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 17

Stress: 64000 psf



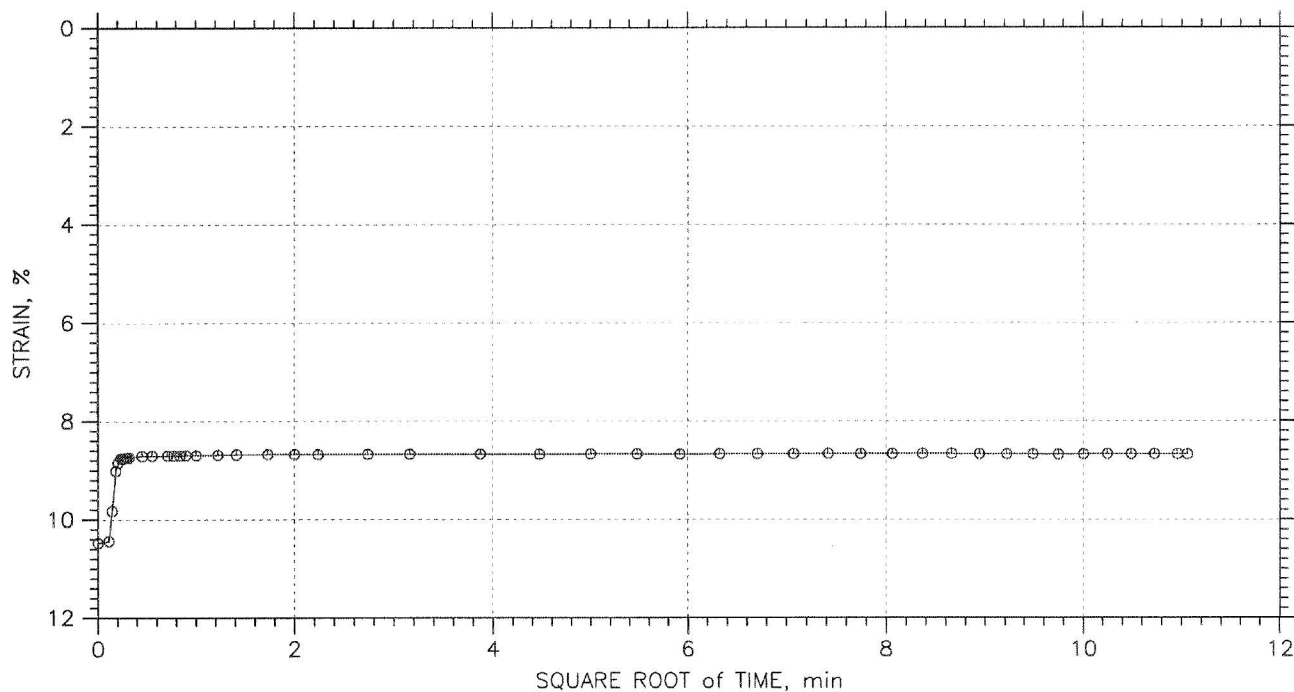
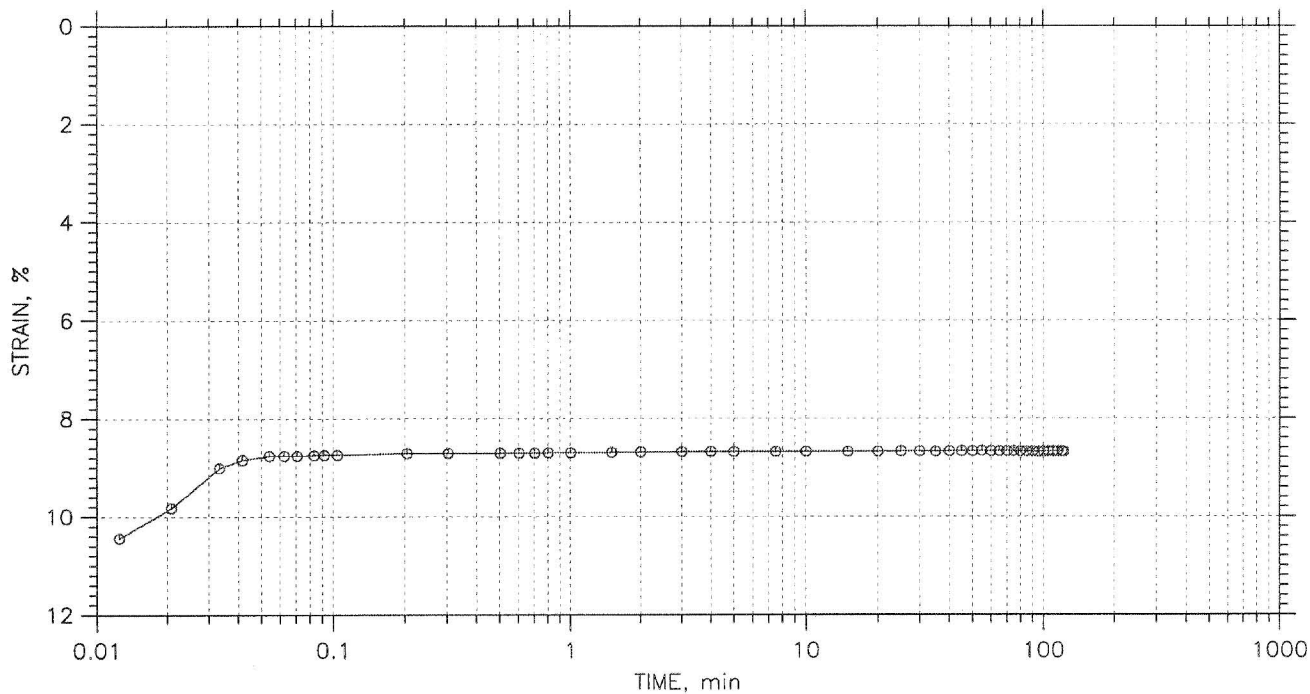
	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		

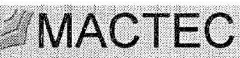
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 17

Stress: 16000 psf



	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Tested By: HJ	Checked By: JW
	Sample No.: UD-4	Test Date: 6/13/07	Depth: 128.50'
	Test No.: 7584	Sample Type: Undisturbed	Elevation: 91.80'
	Description: CLAY (CL) (Visual)		
	Remarks:		