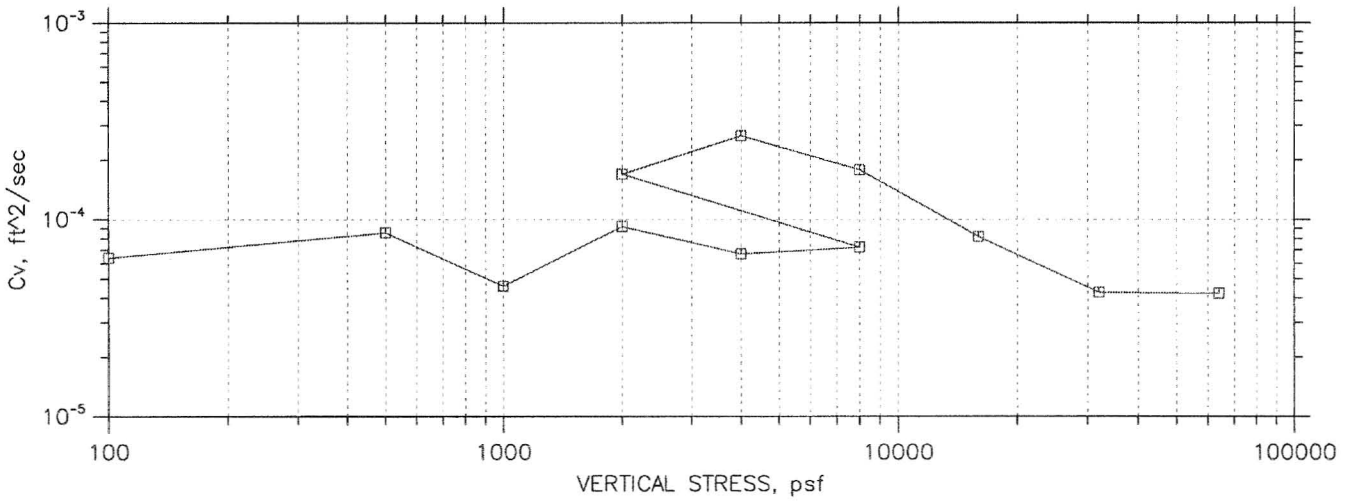
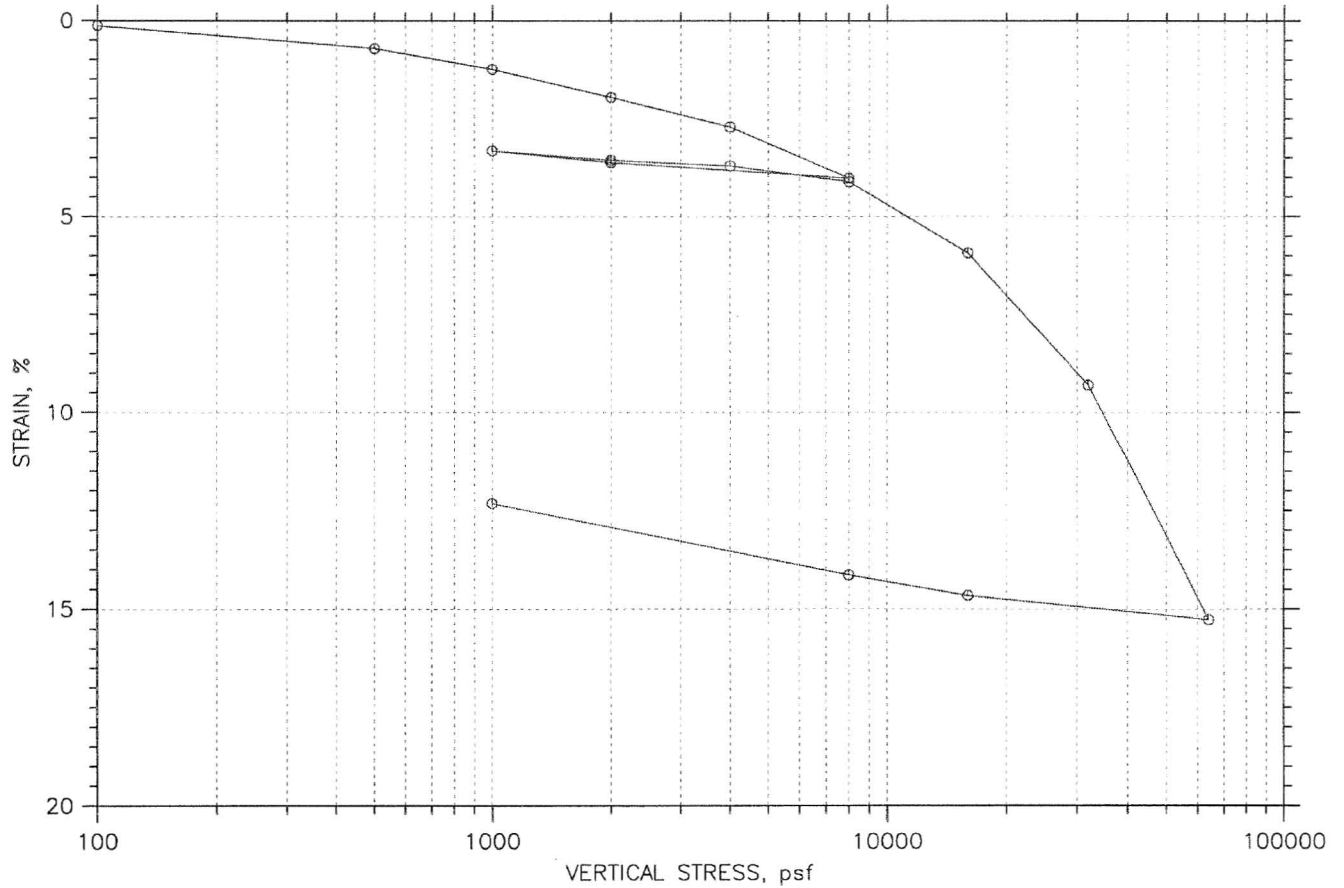
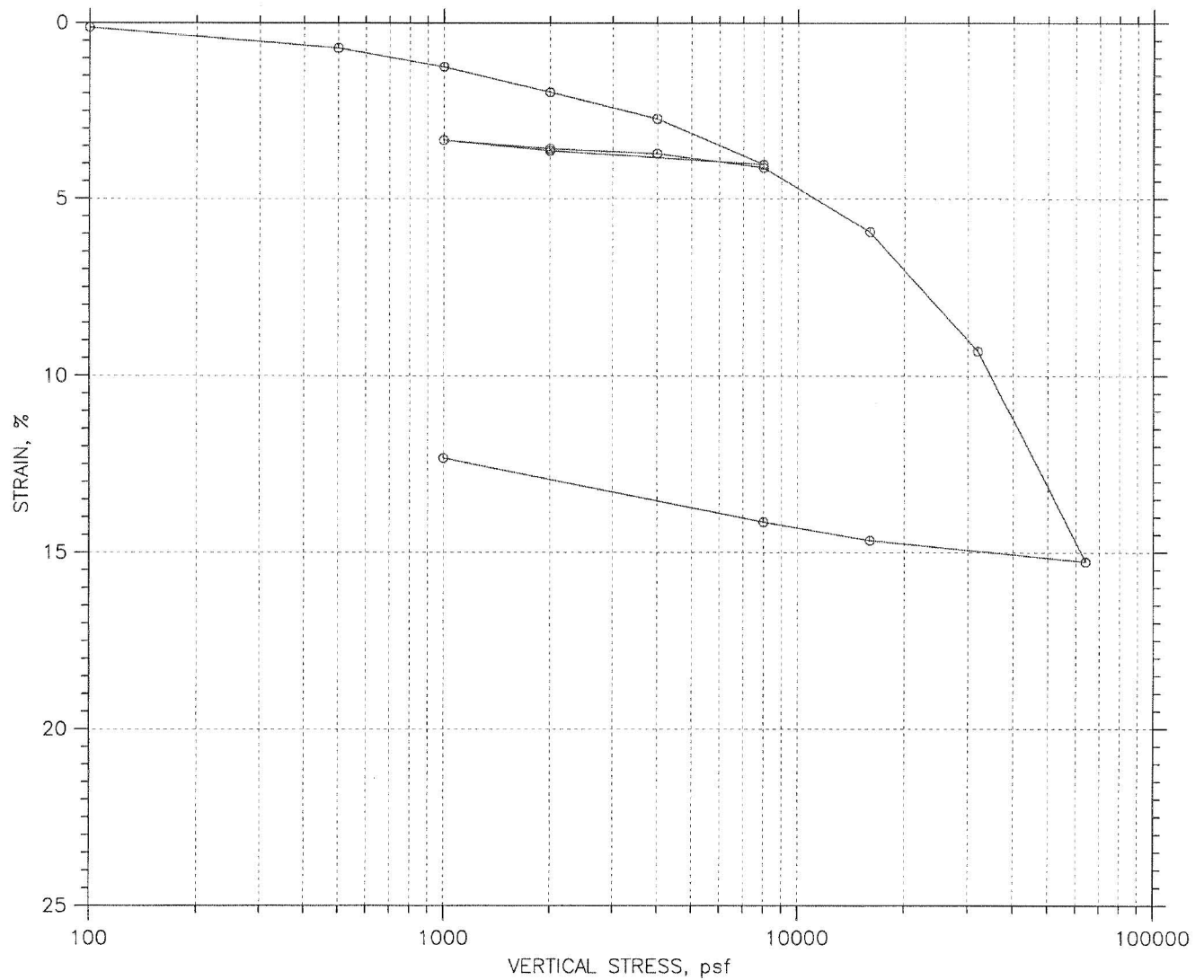


CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ <i>HJ 10/30/07</i>
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

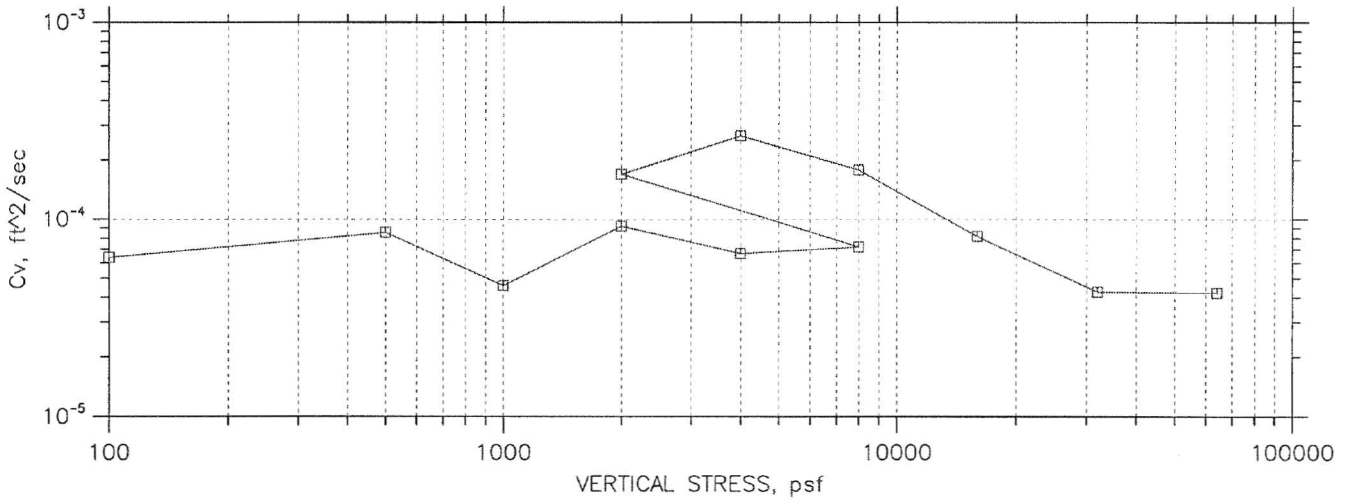
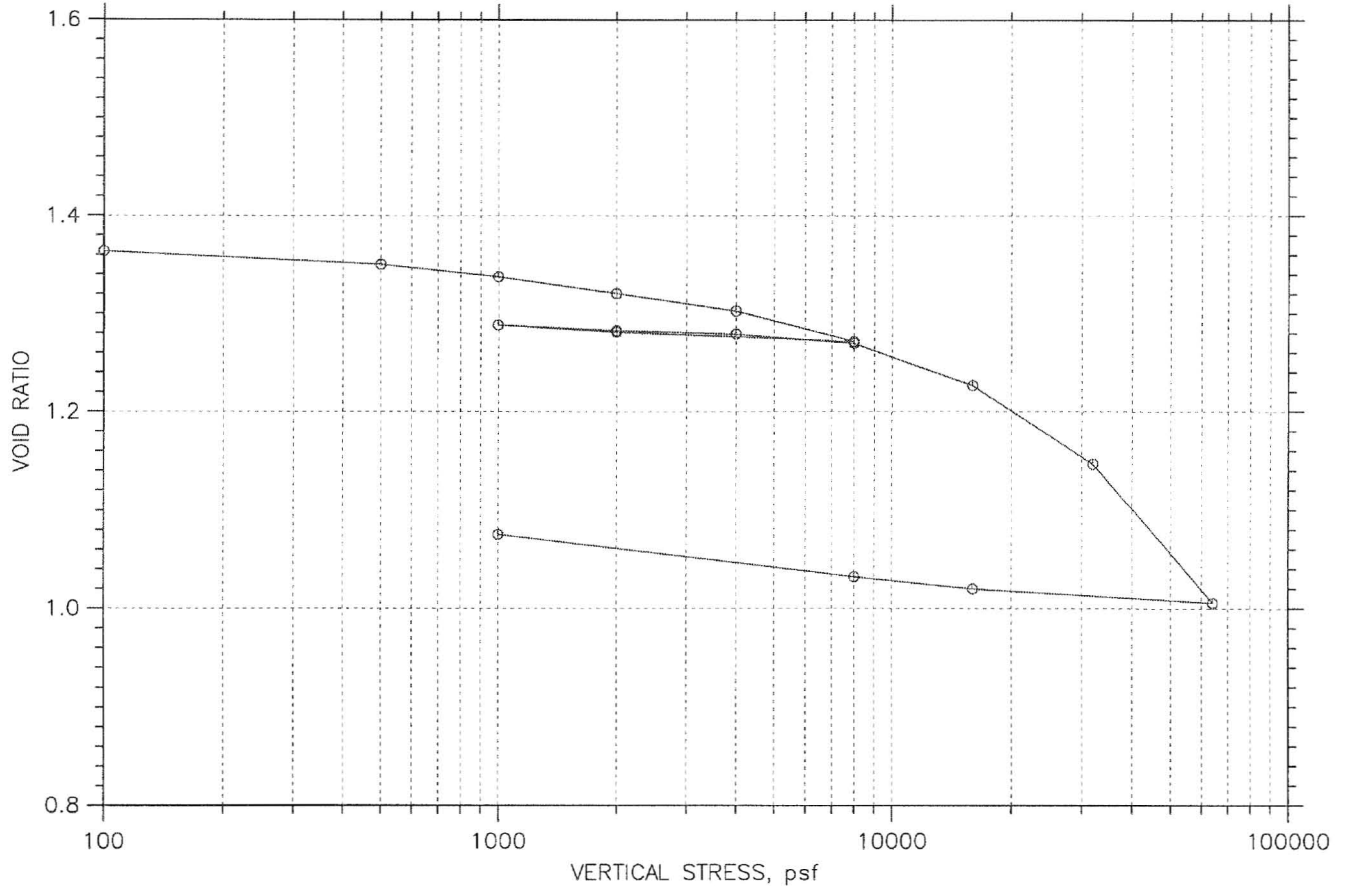
CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 1.1e+004 psf				45.54	39.74
Preconsolidation Pressure: 0 psf				71.21	81.23
Compression Index: 0.37				89.96	99.81
Diameter: 2.5 in		Height: 1 in		1.37	1.08
LL: ---	PL: ---	PI: ---	GS: 2.70		

MACTEC	Project: Vogtle COL		Location: B-3019		Project No.: 6141060286	
	Boring No.: B-3019		Tested By: BM		Checked By: HJ <i>HJ 10/30/07</i>	
	Sample No.: UD-2		Test Date: 5/25/07		Depth: 113.50'	
	Test No.: 7528		Sample Type: Undisturbed		Elevation: 108.92'	
	Description: LIMESTONE, silty (GM)					
	Remarks: Cr= 0.018					

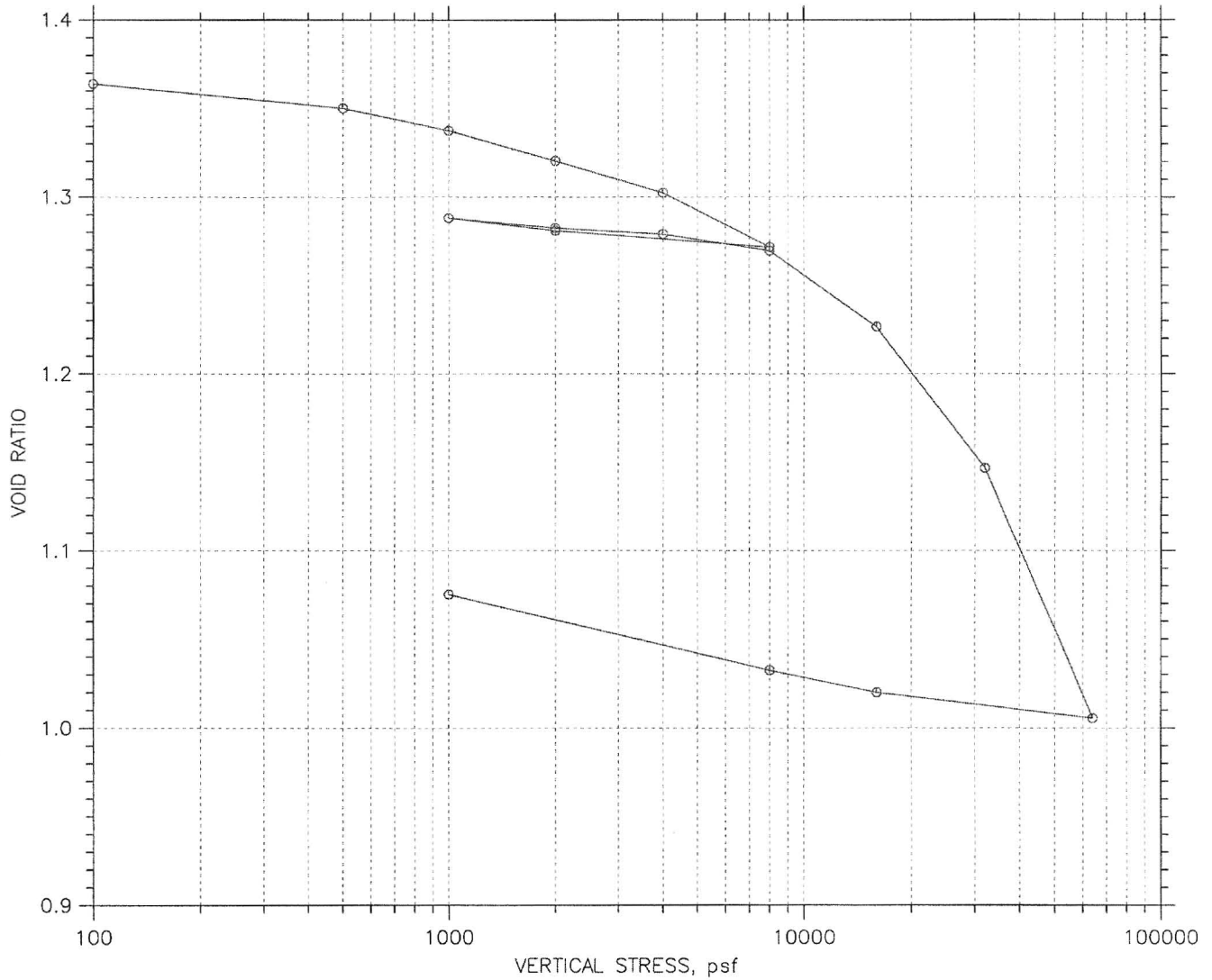
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ <i>HJ 10/30/07</i>
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: LIMESTONE, silty (GM)		
	Remarks: Cr= 0.018		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 1.1e+004 psf				45.54	39.74
Preconsolidation Pressure: 0 psf				71.21	81.23
Compression Index: 0.37				89.96	99.81
Diameter: 2.5 in		Height: 1 in		1.37	1.08
LL: ---	PL: ---	PI: ---	GS: 2.70		

MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ <i>HJ 10/30/07</i>
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: LIMESTONE, silty (GM)		
	Remarks: Cr= 0.018		

CONSOLIDATION TEST DATA

Project: Vogtle COL
 Boring No.: B-3019
 Sample No.: UD-2
 Test No.: 7528

Location: B-3019
 Tested By: BM
 Test Date: 5/25/07
 Sample Type: Undisturbed

Project No.: 6141060286
 Checked By: HJ
 Depth: 113.50'
 Elevation: 108.92'

Soil Description: LIMESTONE, silty (GM)
 Remarks: Cr= 0.018

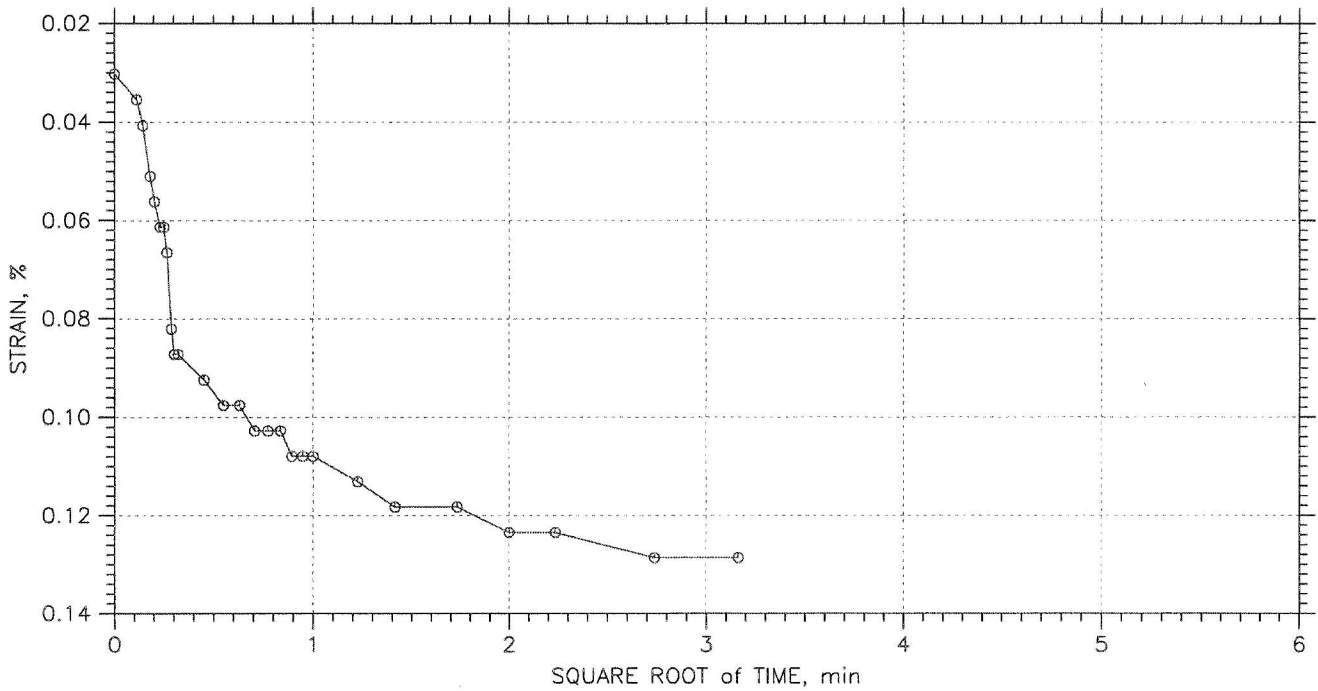
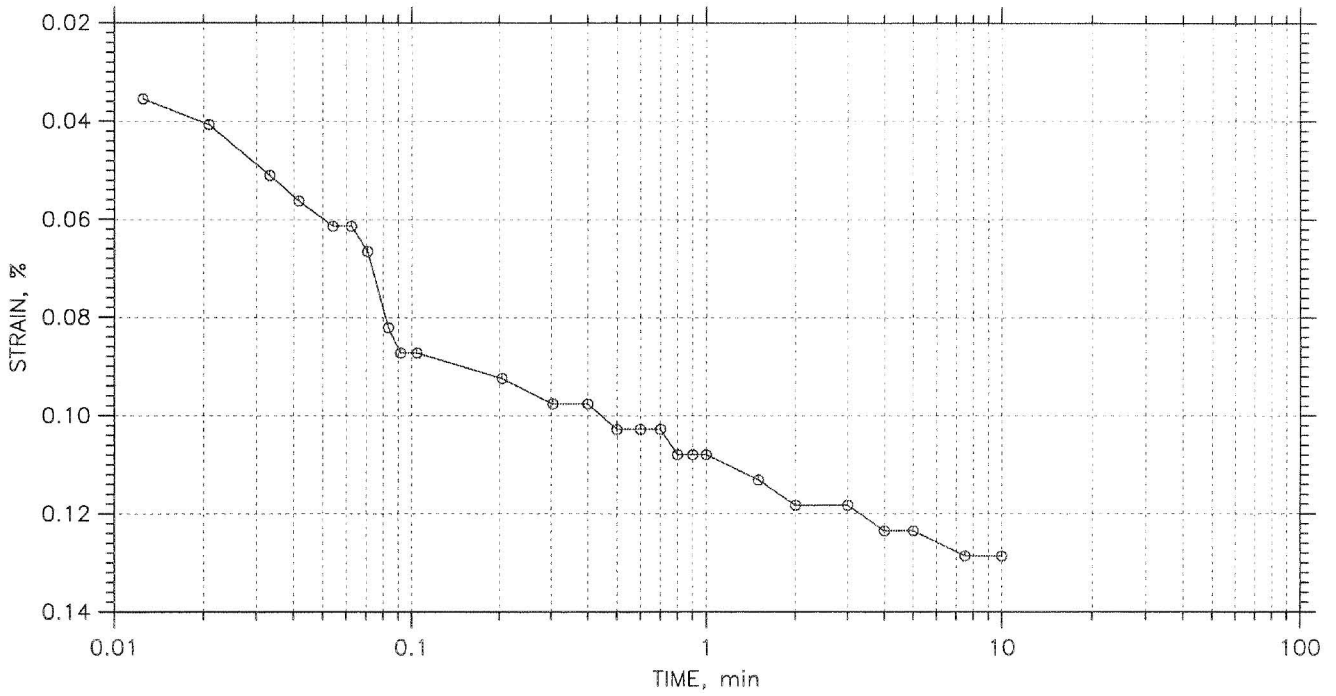
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.001287	1.364	0.13	0.1	0.1	5.47e-005	7.68e-005	6.39e-005
2	500	0.007094	1.350	0.71	0.1	0.1	8.78e-005	8.33e-005	8.55e-005
3	1e+003	0.01242	1.338	1.24	0.2	0.1	2.98e-005	1.00e-004	4.59e-005
4	2e+003	0.01965	1.320	1.96	0.1	0.1	7.96e-005	1.09e-004	9.21e-005
5	4e+003	0.02722	1.302	2.72	0.1	0.0	4.34e-005	1.47e-004	6.70e-005
6	8e+003	0.04025	1.272	4.02	0.1	0.0	4.74e-005	1.51e-004	7.22e-005
7	2e+003	0.03632	1.281	3.63	0.0	0.0	2.60e-004	0.00e+000	2.60e-004
8	1e+003	0.03327	1.288	3.33	0.0	0.0	1.49e-004	0.00e+000	1.49e-004
9	2e+003	0.0357	1.282	3.57	0.0	0.0	1.69e-004	0.00e+000	1.69e-004
10	4e+003	0.03715	1.279	3.71	0.0	0.0	2.66e-004	0.00e+000	2.66e-004
11	8e+003	0.04113	1.270	4.11	0.0	0.0	1.78e-004	0.00e+000	1.78e-004
12	1.6e+004	0.05934	1.226	5.93	0.1	0.0	5.32e-005	1.77e-004	8.18e-005
13	3.2e+004	0.09308	1.147	9.31	0.1	0.0	4.27e-005	0.00e+000	4.27e-005
14	6.4e+004	0.1527	1.005	15.27	0.1	0.1	3.09e-005	6.70e-005	4.23e-005
15	1.6e+004	0.1466	1.020	14.66	0.0	0.0	1.44e-004	0.00e+000	1.44e-004
16	8e+003	0.1414	1.032	14.14	0.1	0.0	4.82e-005	2.16e-004	7.88e-005
17	1e+003	0.1233	1.075	12.33	0.2	0.1	2.51e-005	7.56e-005	3.77e-005

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 17

Stress: 100. psf



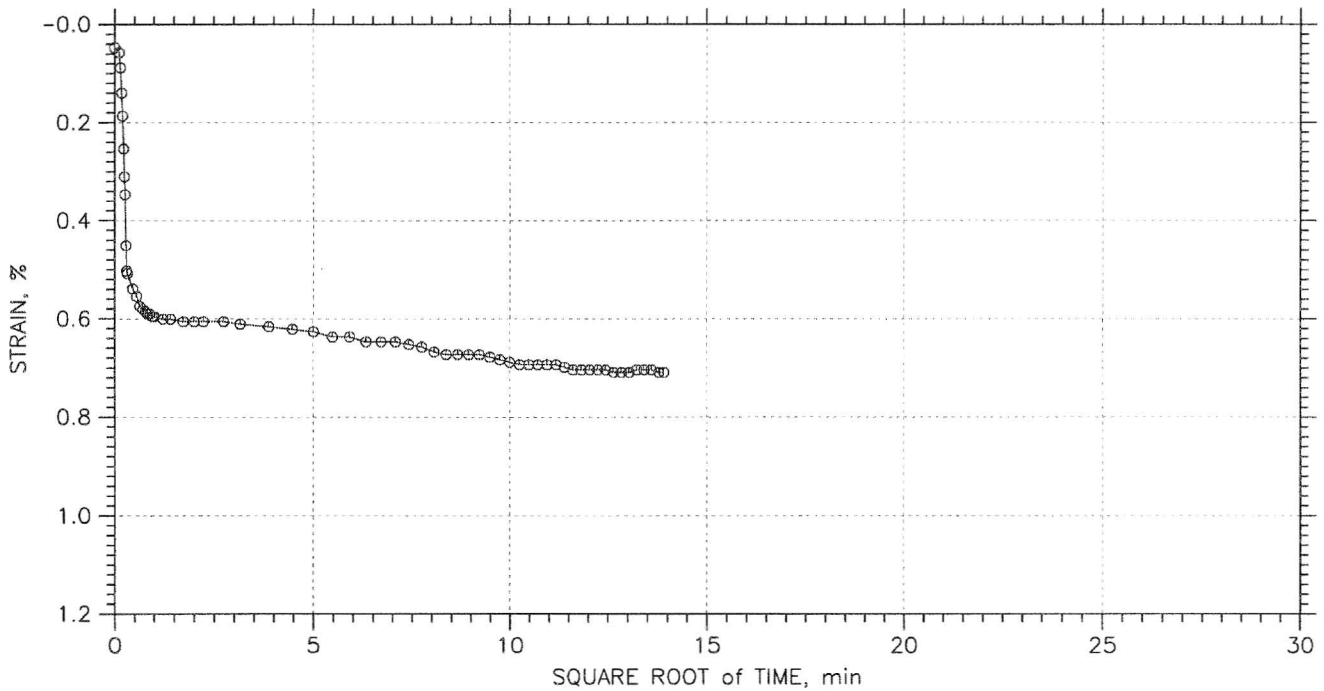
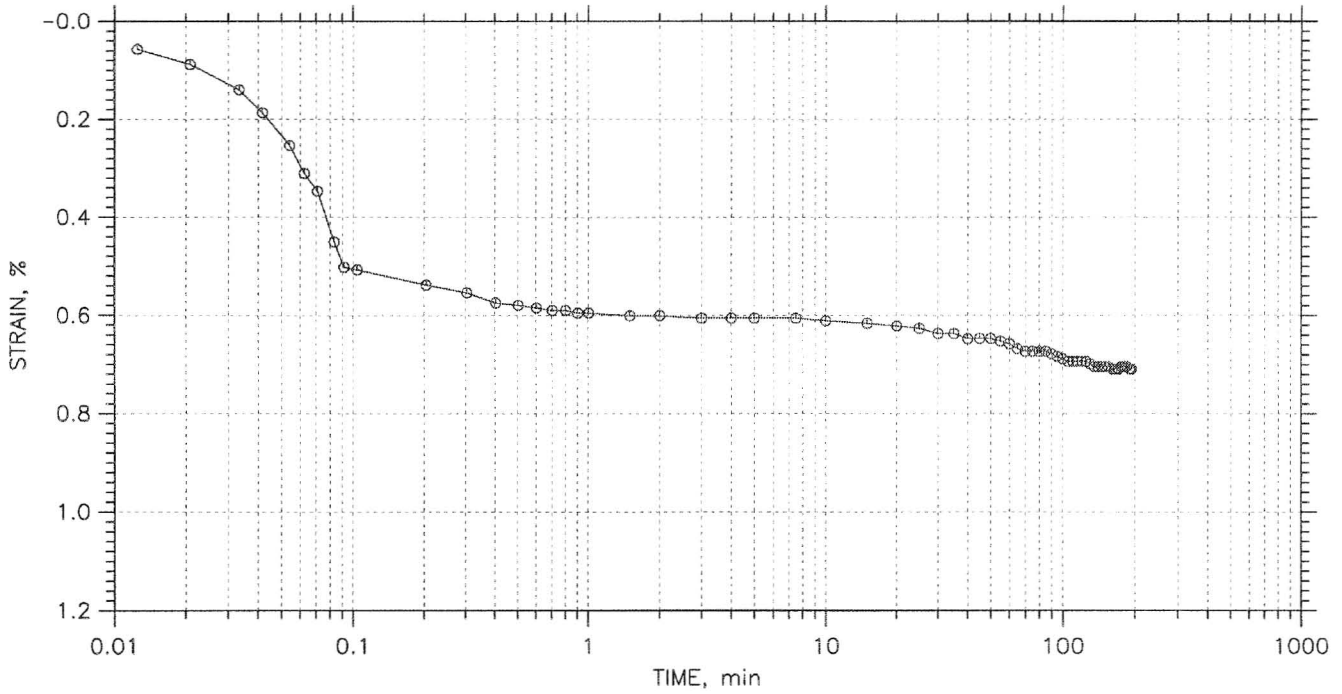
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 17

Stress: 500. psf



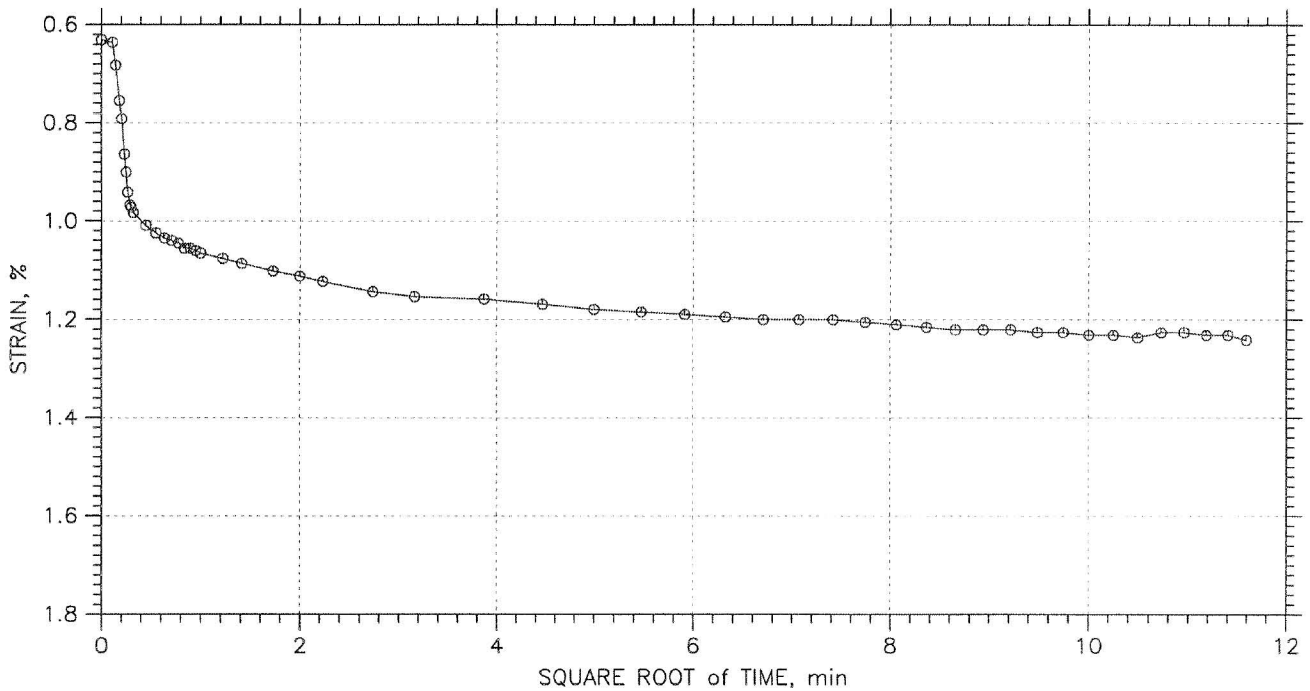
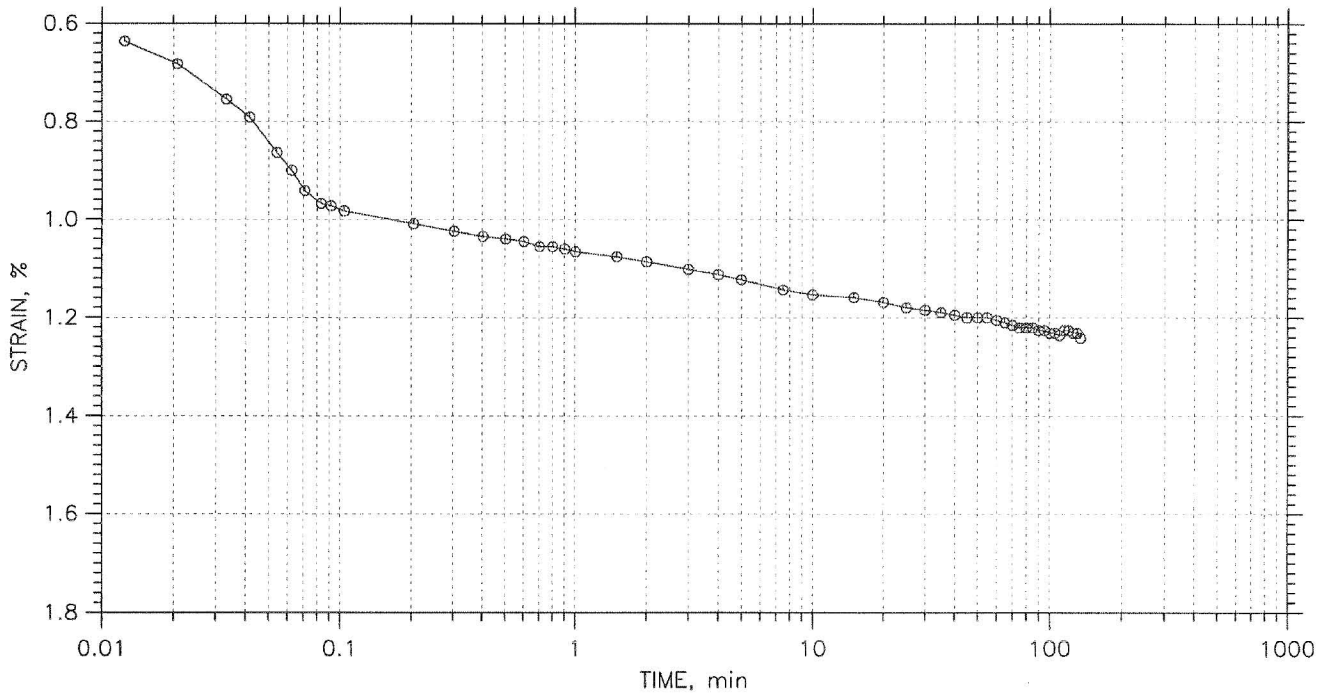
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 17

Stress: 1000. psf



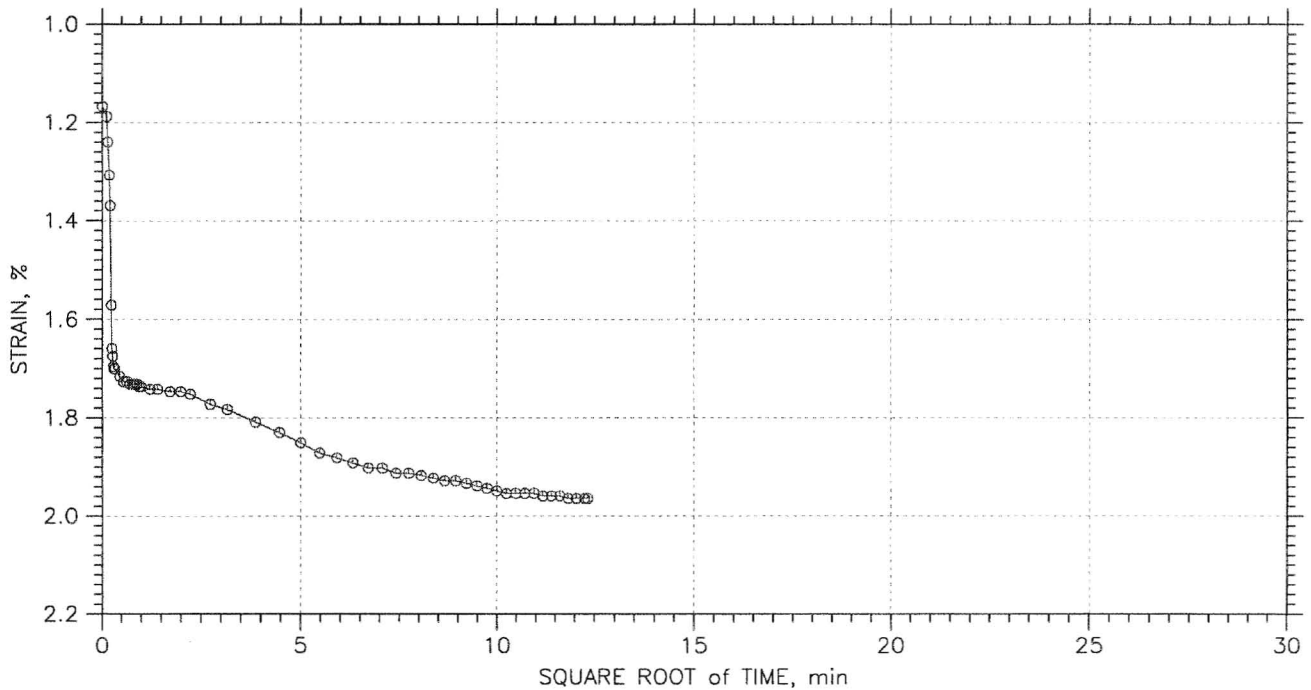
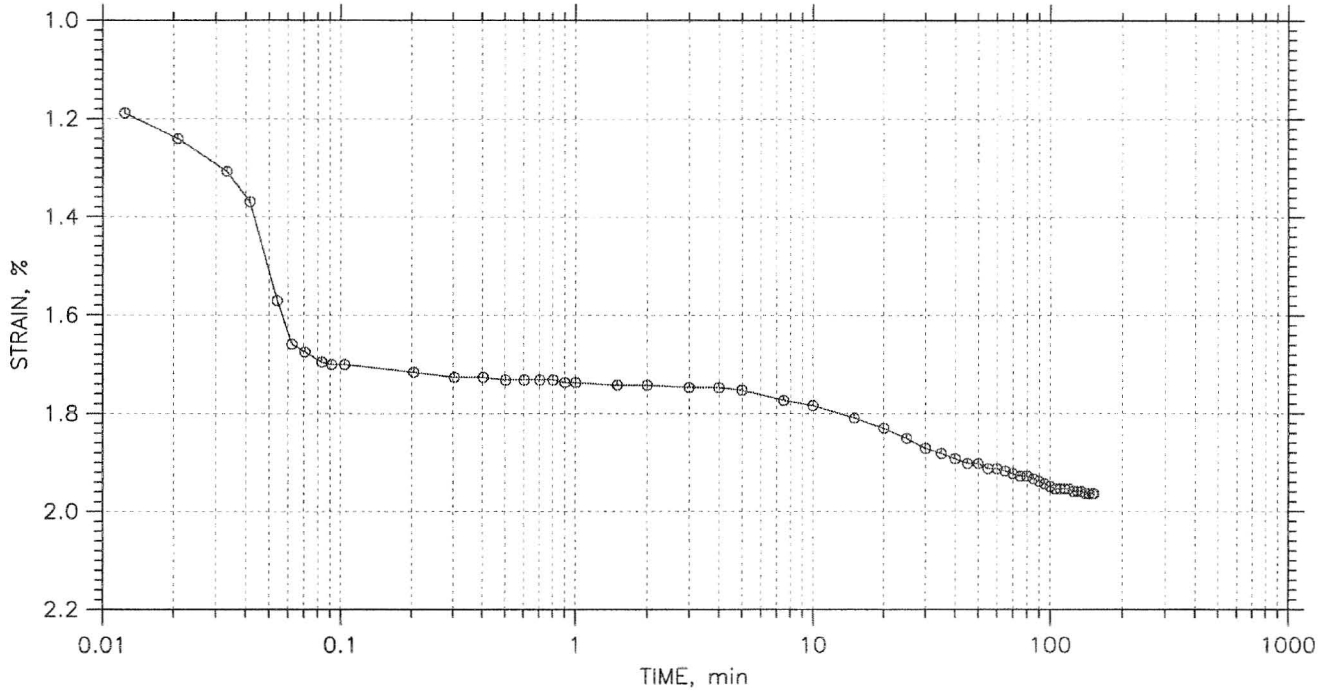
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 17

Stress: 2000. psf



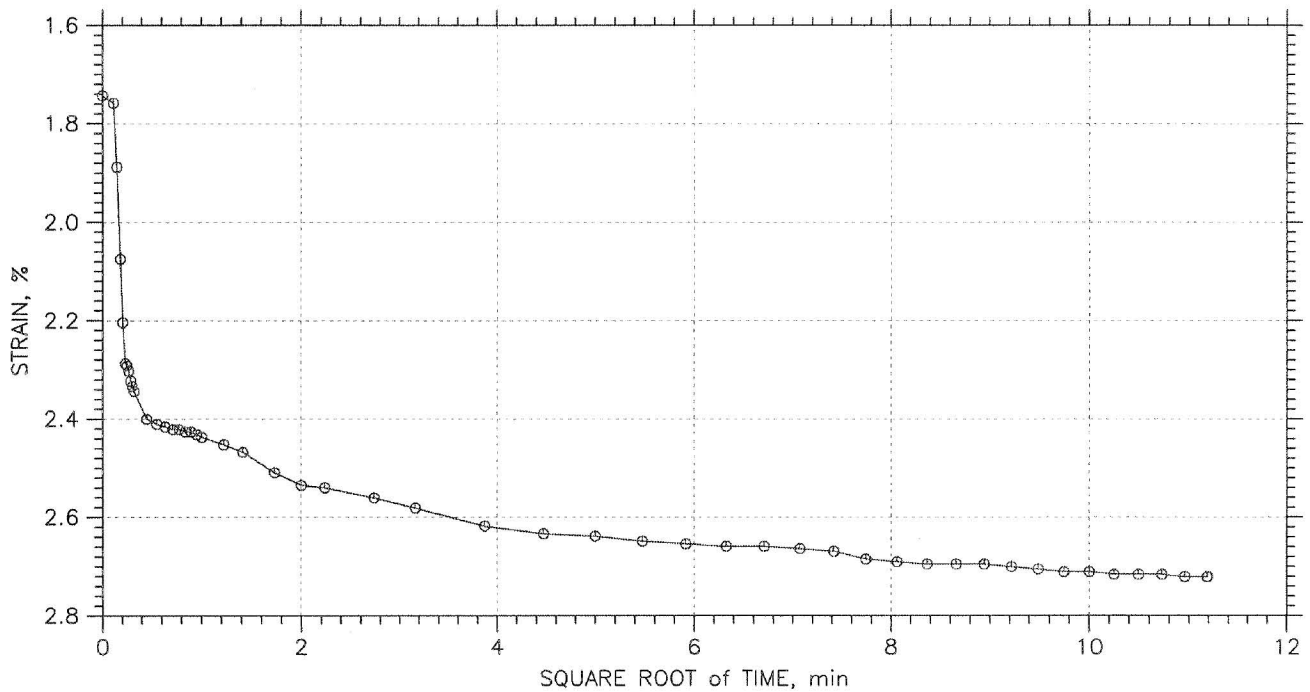
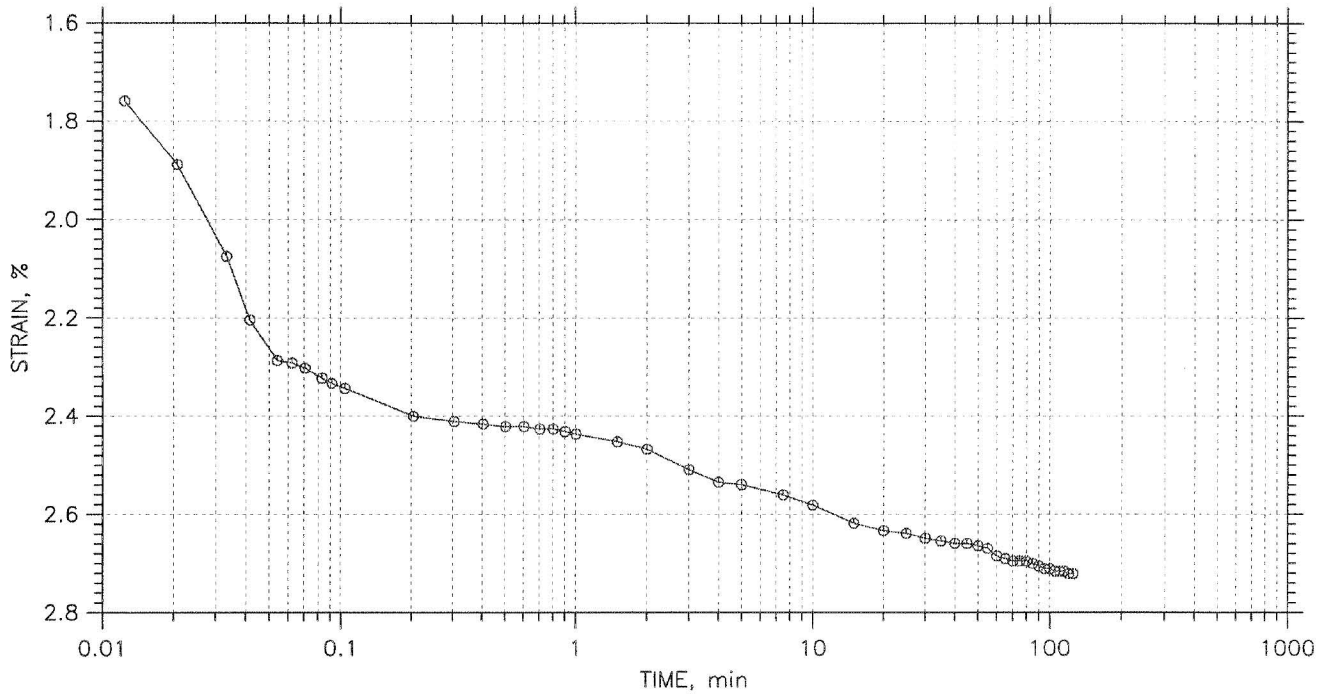
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 17

Stress: 4000. psf



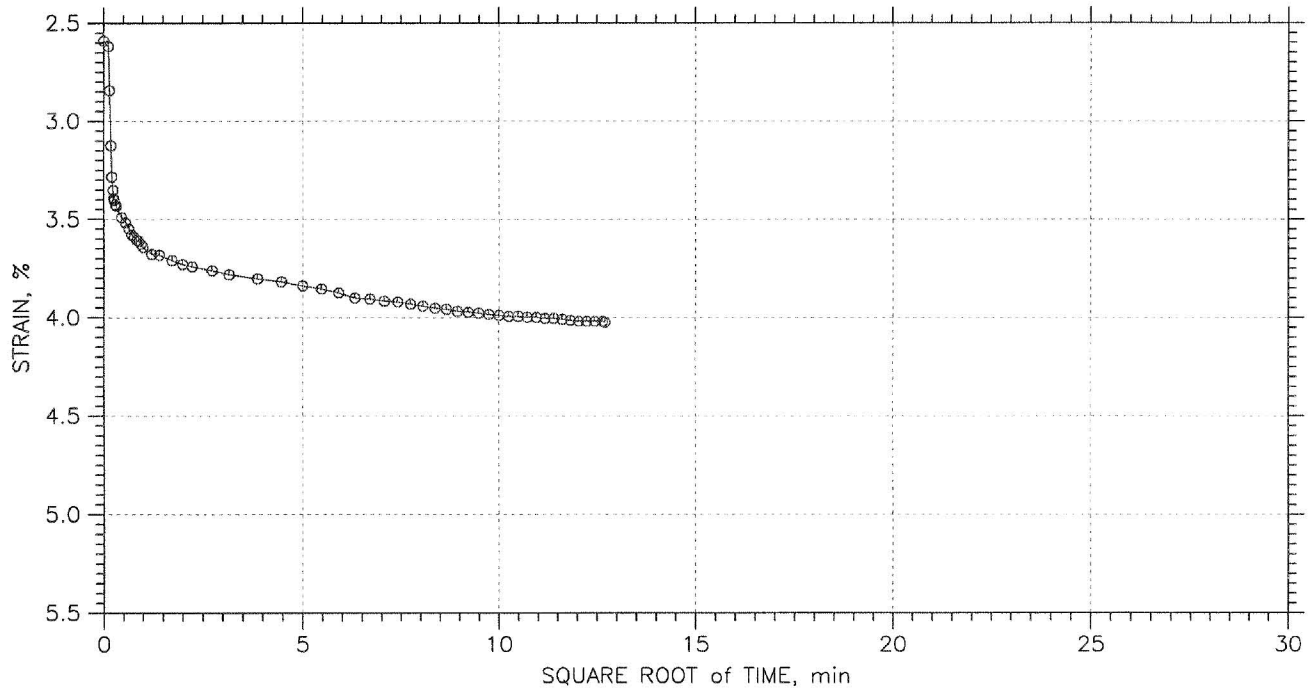
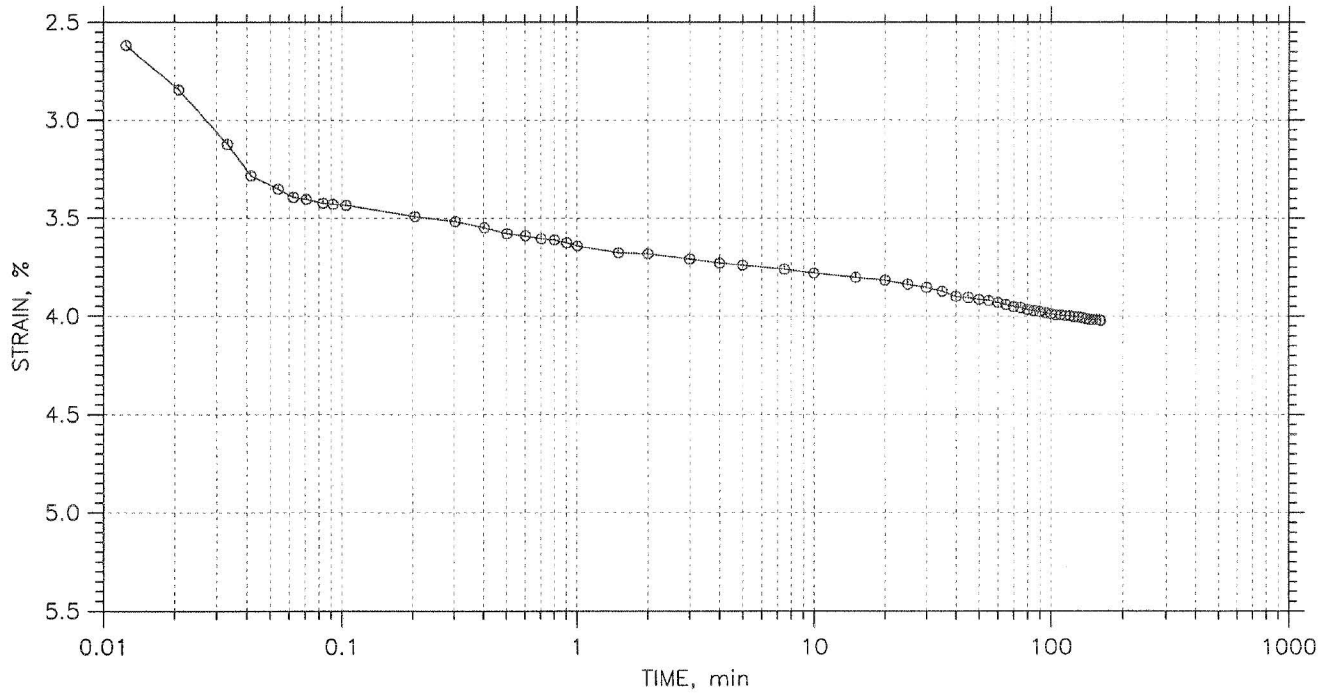
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 17

Stress: 8000. psf



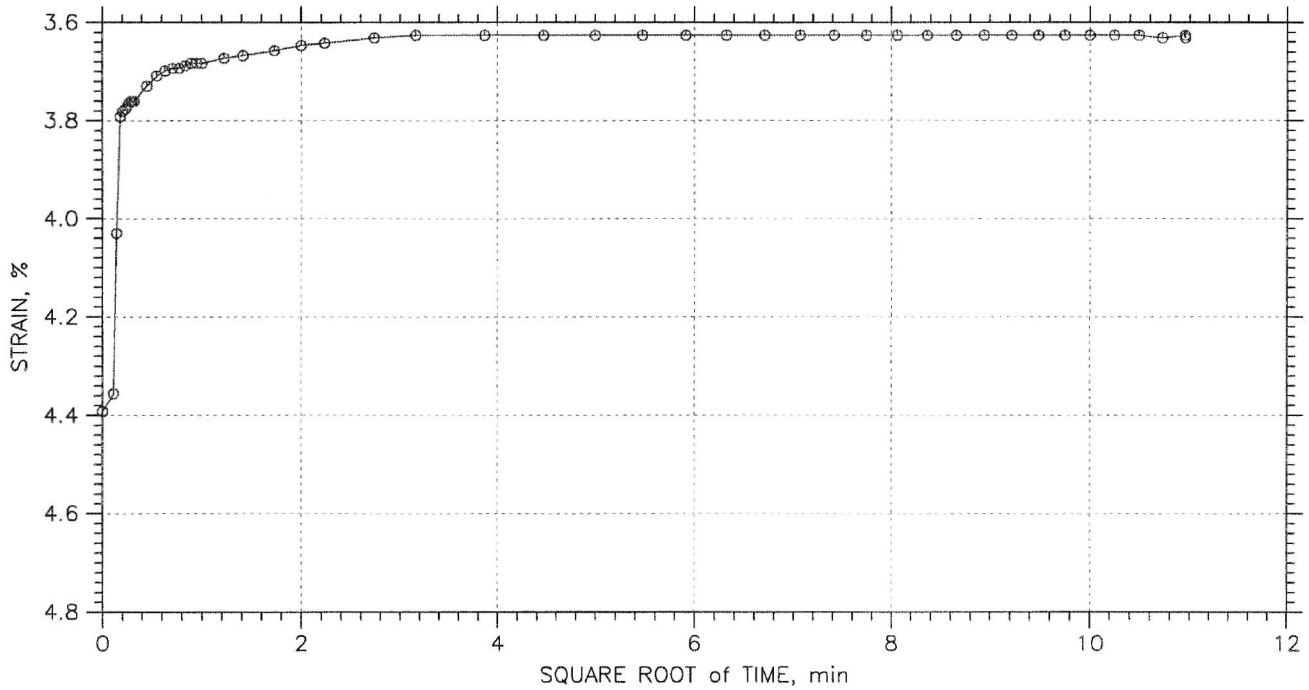
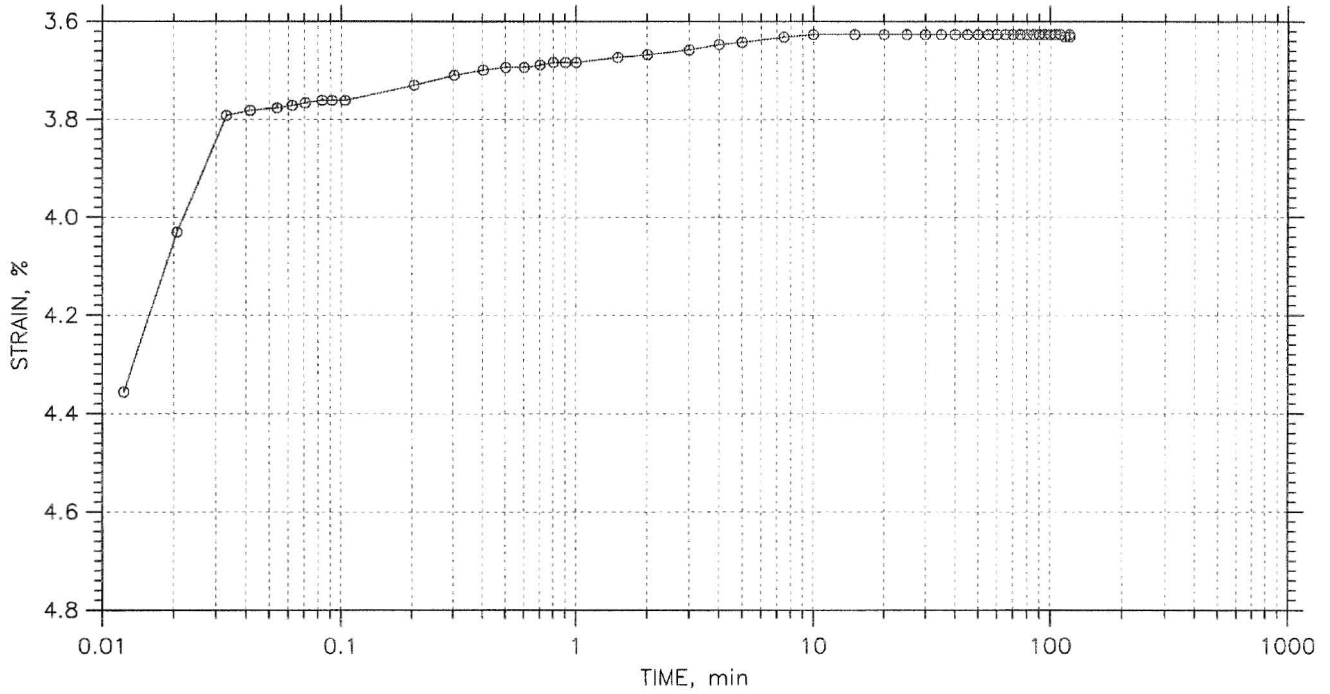
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 17

Stress: 2000. psf



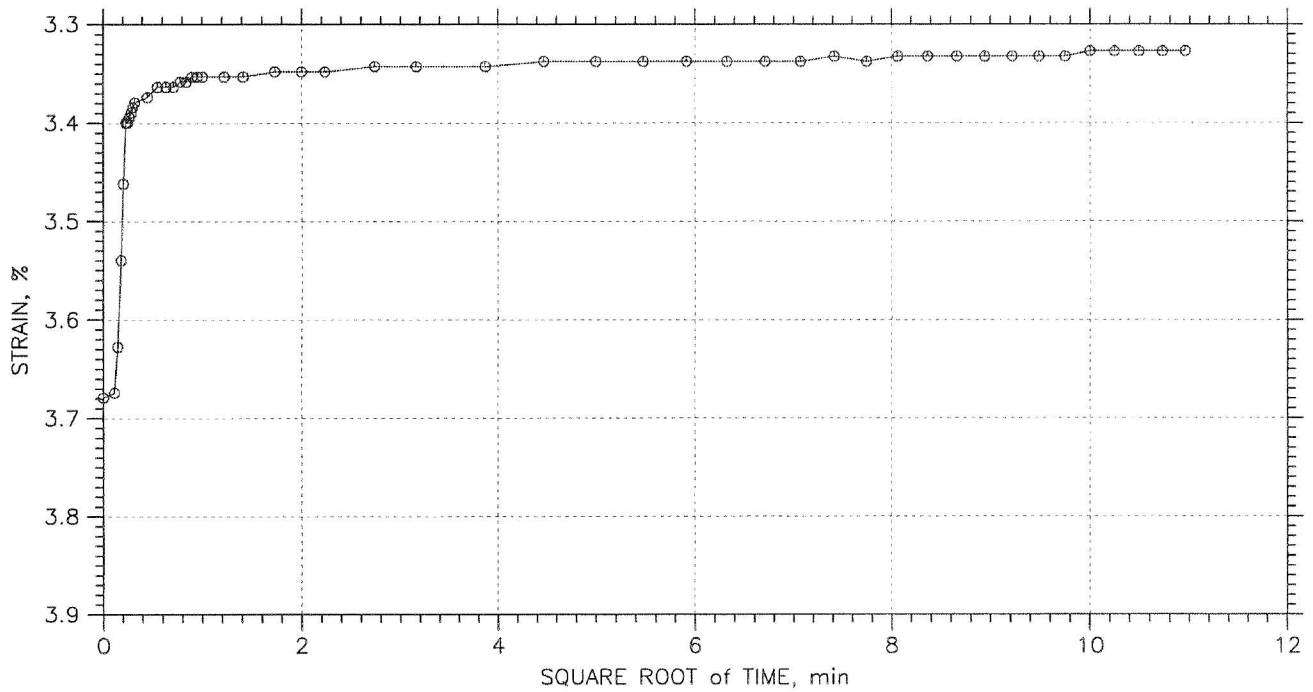
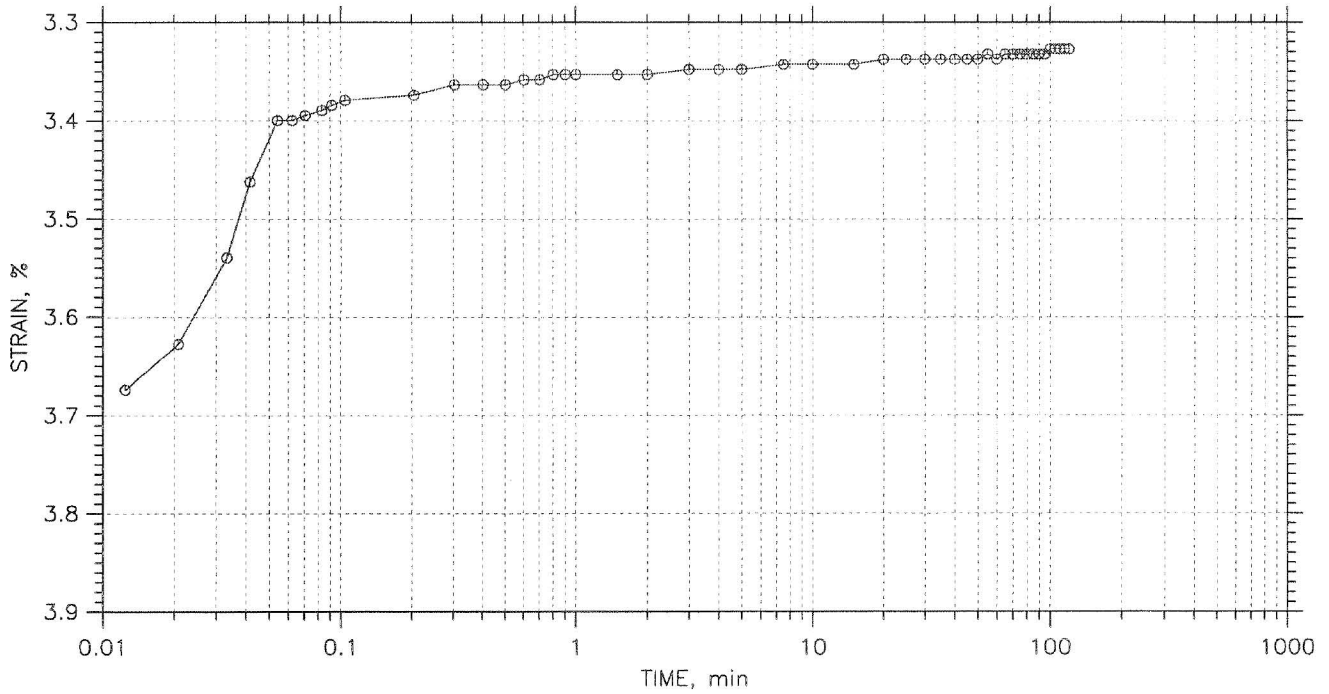
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 17

Stress: 1000. psf



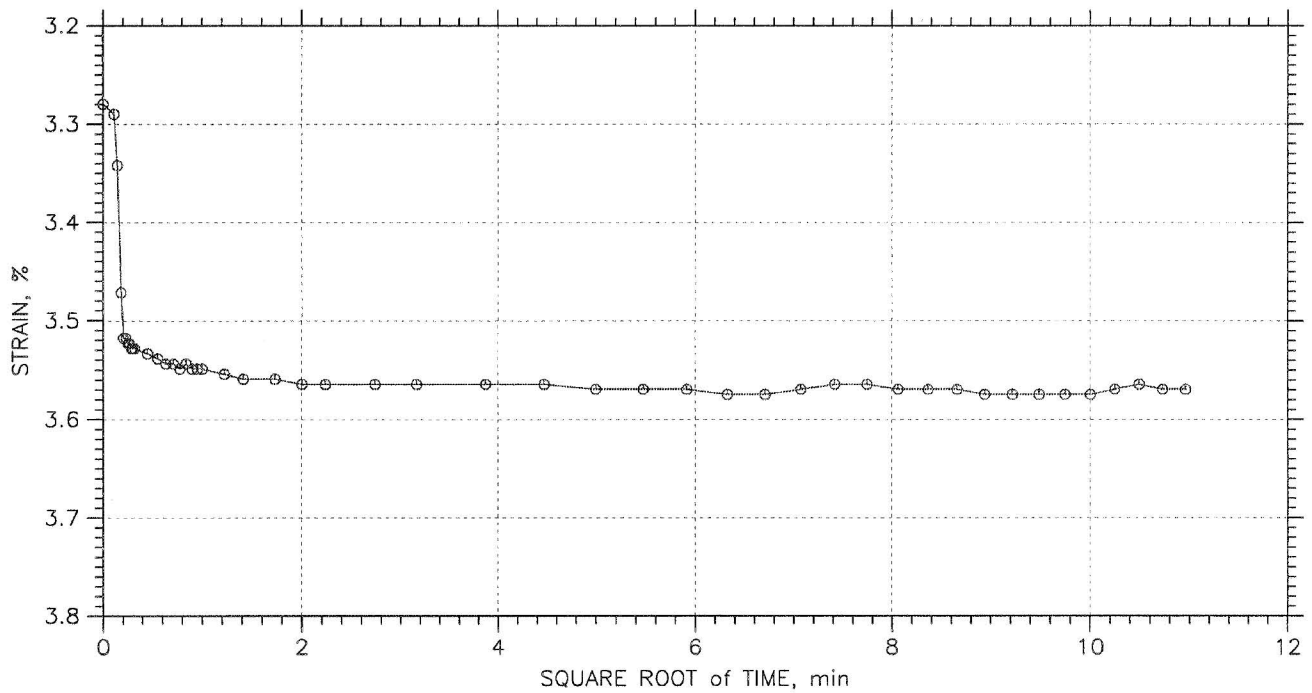
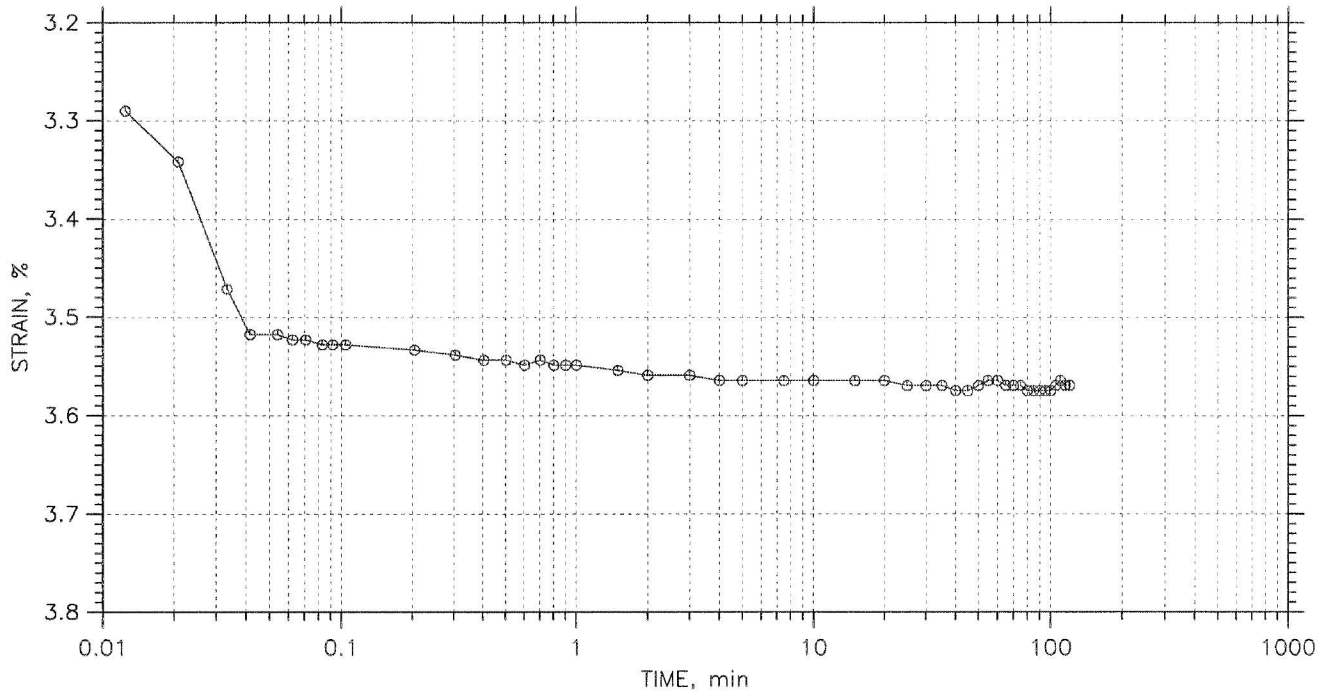
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 17

Stress: 2000. psf



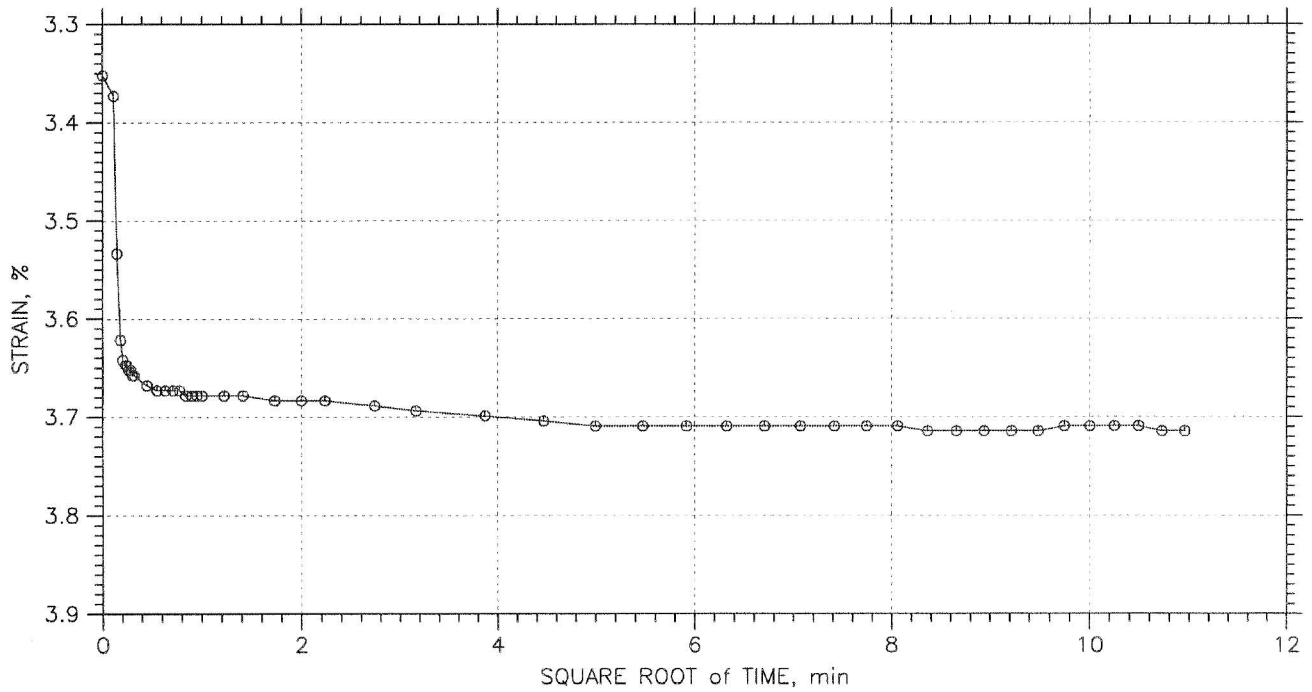
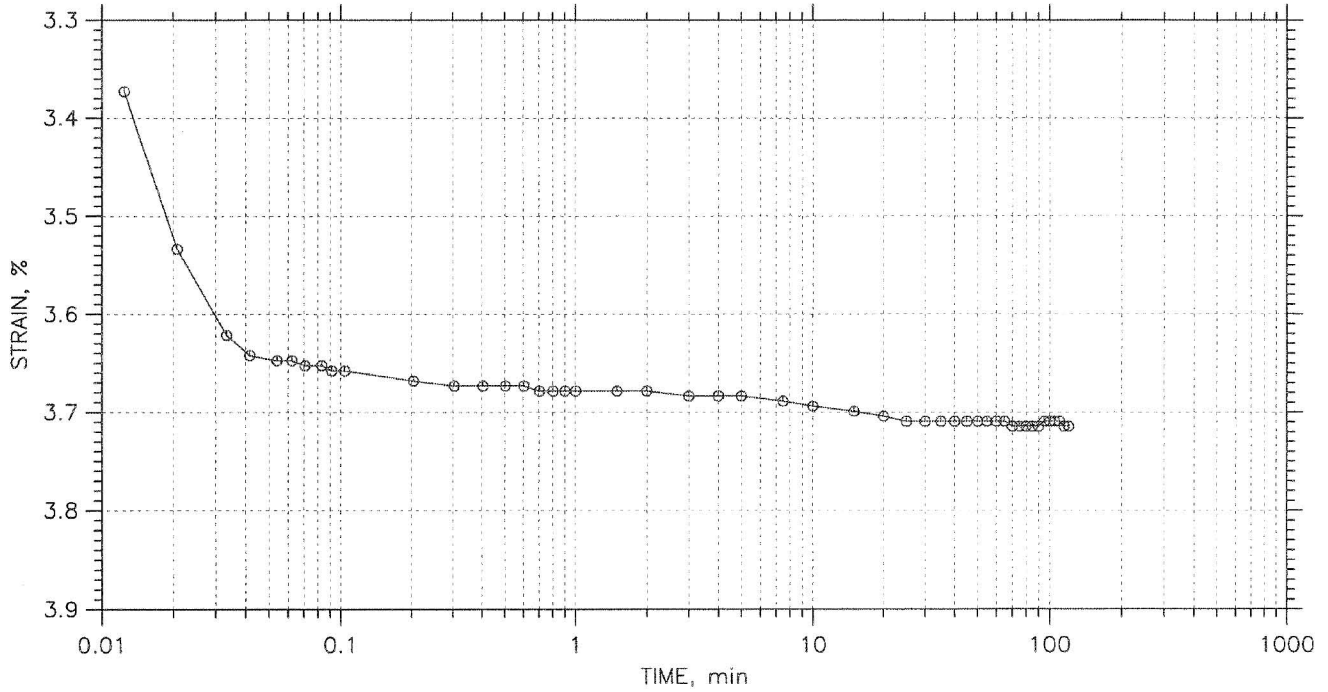
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 17

Stress: 4000. psf



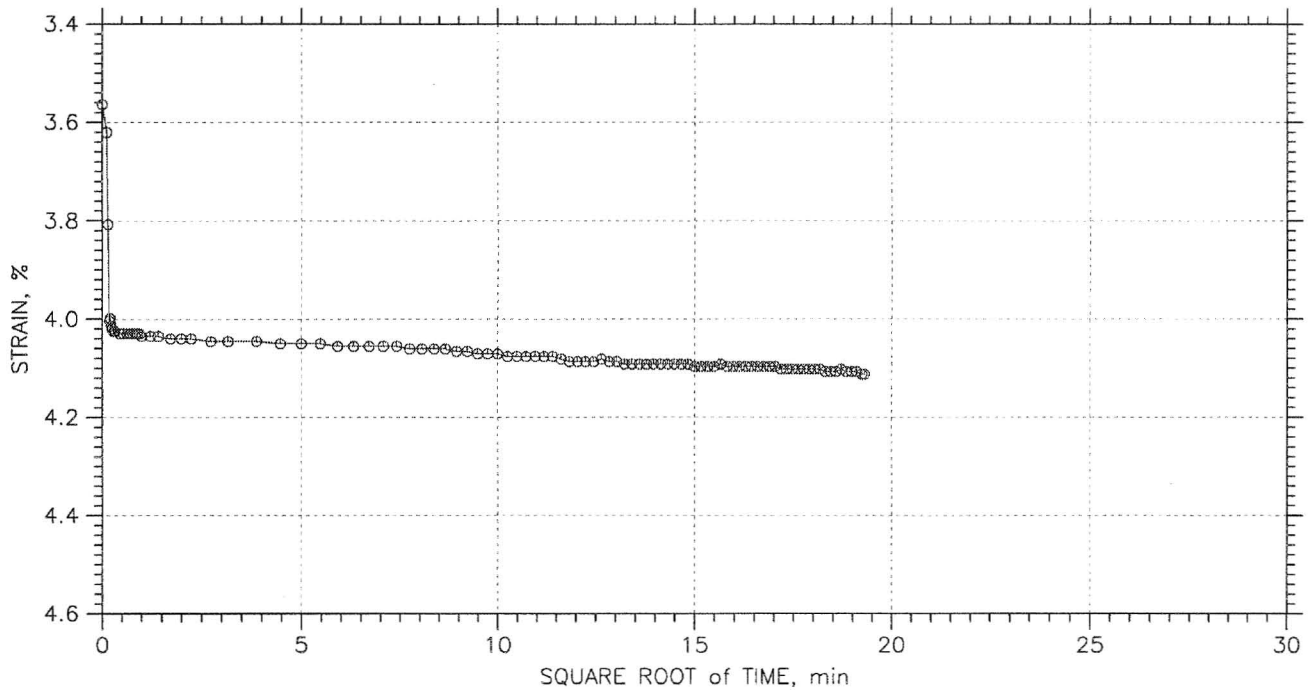
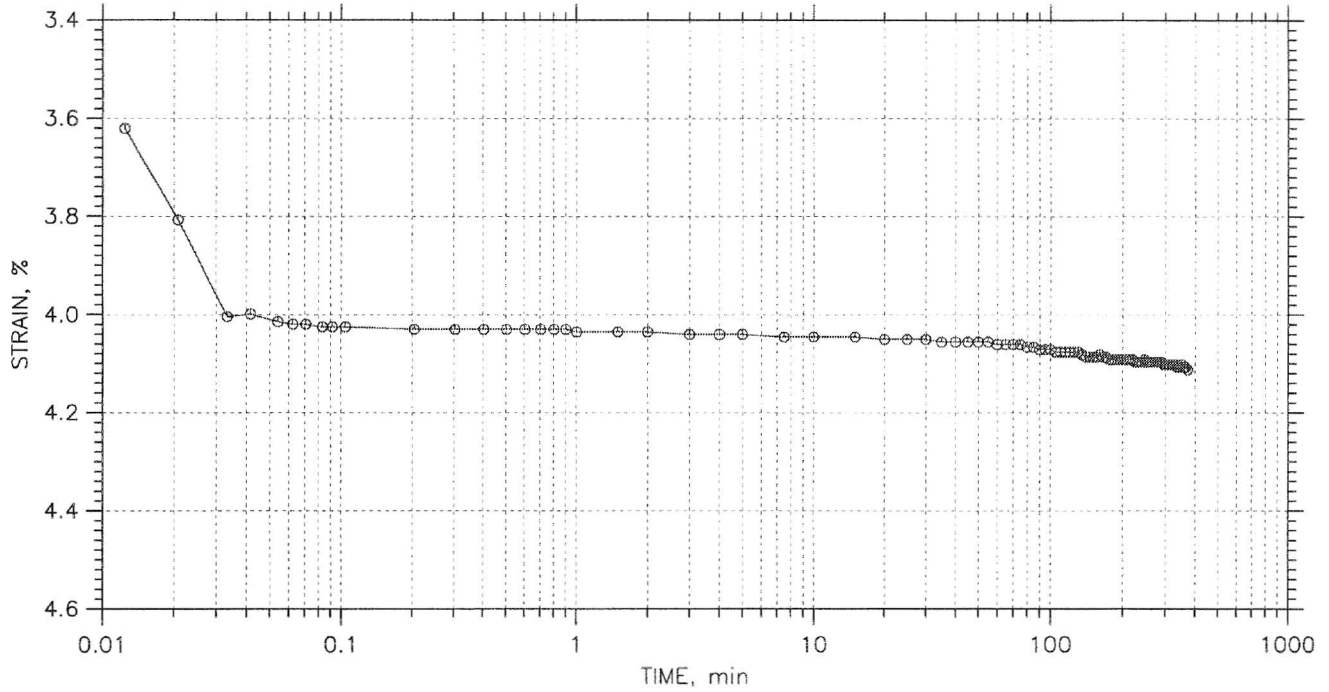
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 17

Stress: 8000. psf



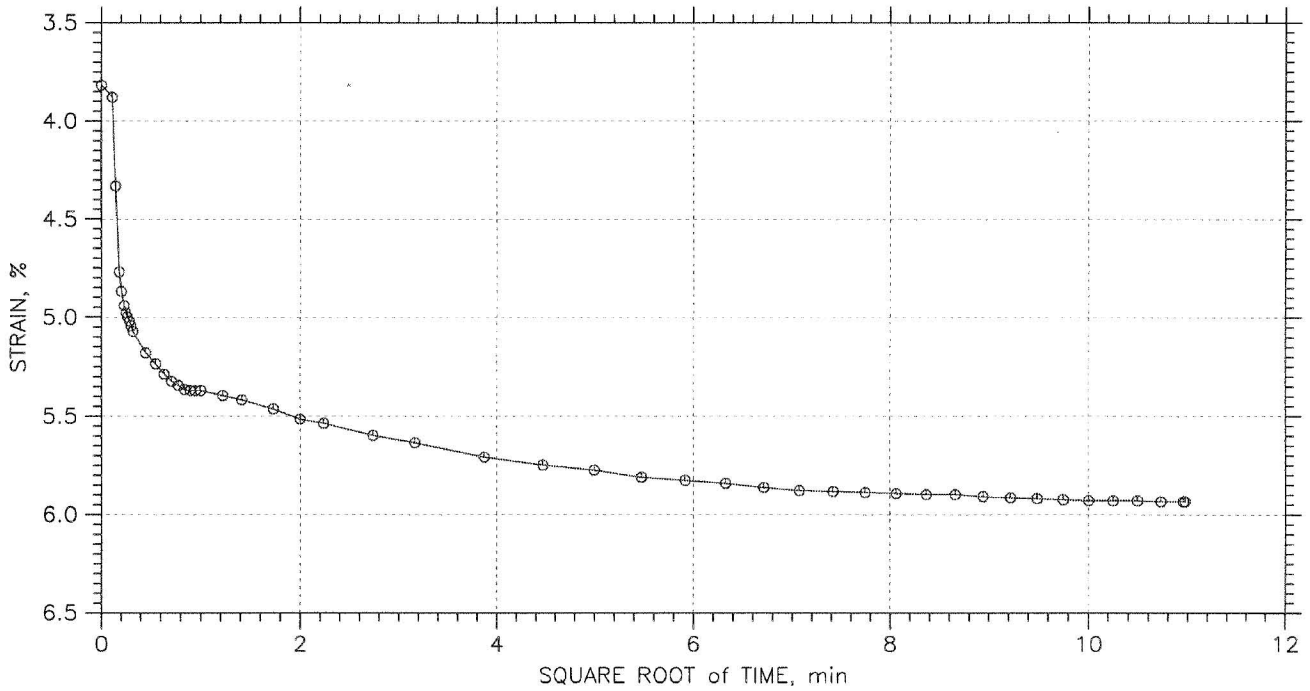
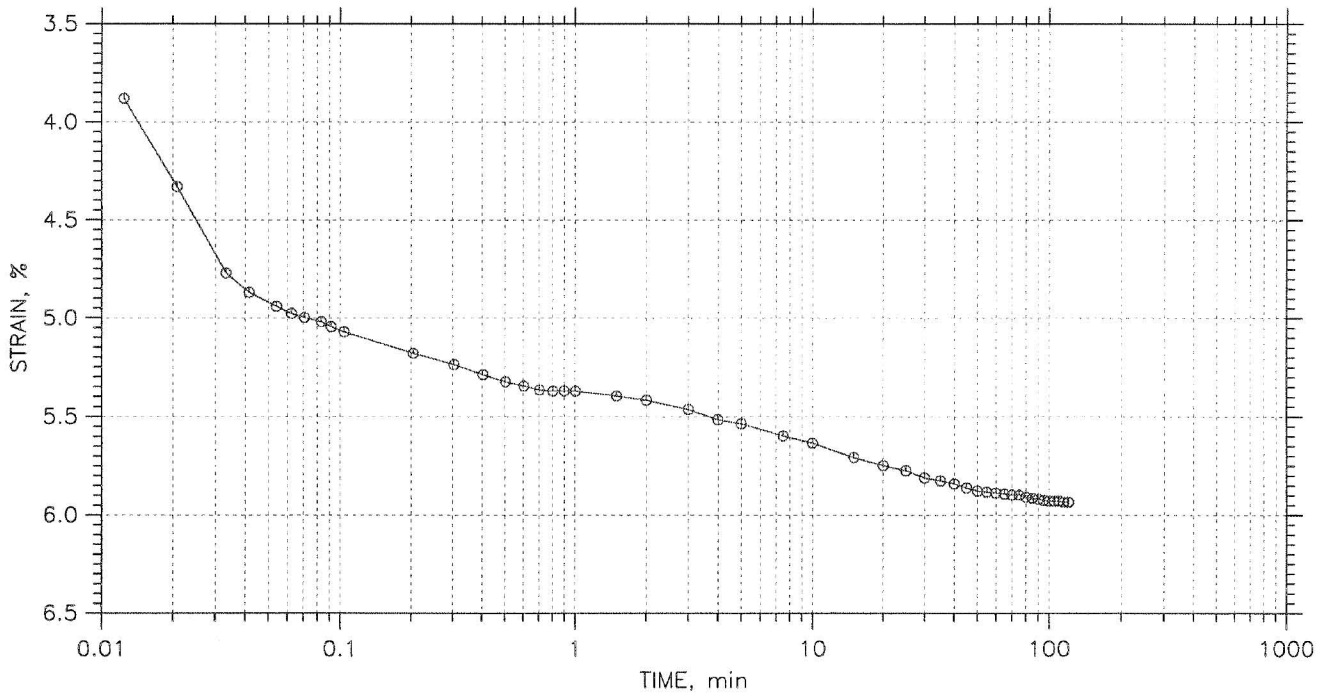
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 17

Stress: 16000 psf



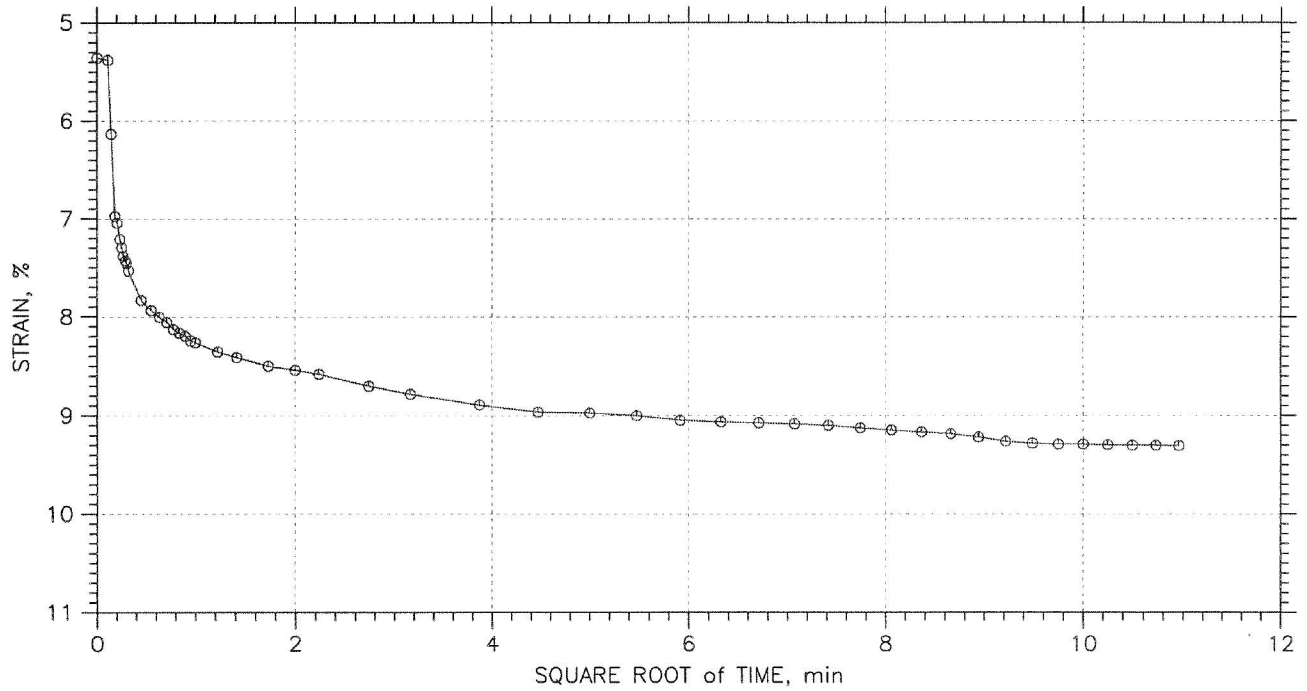
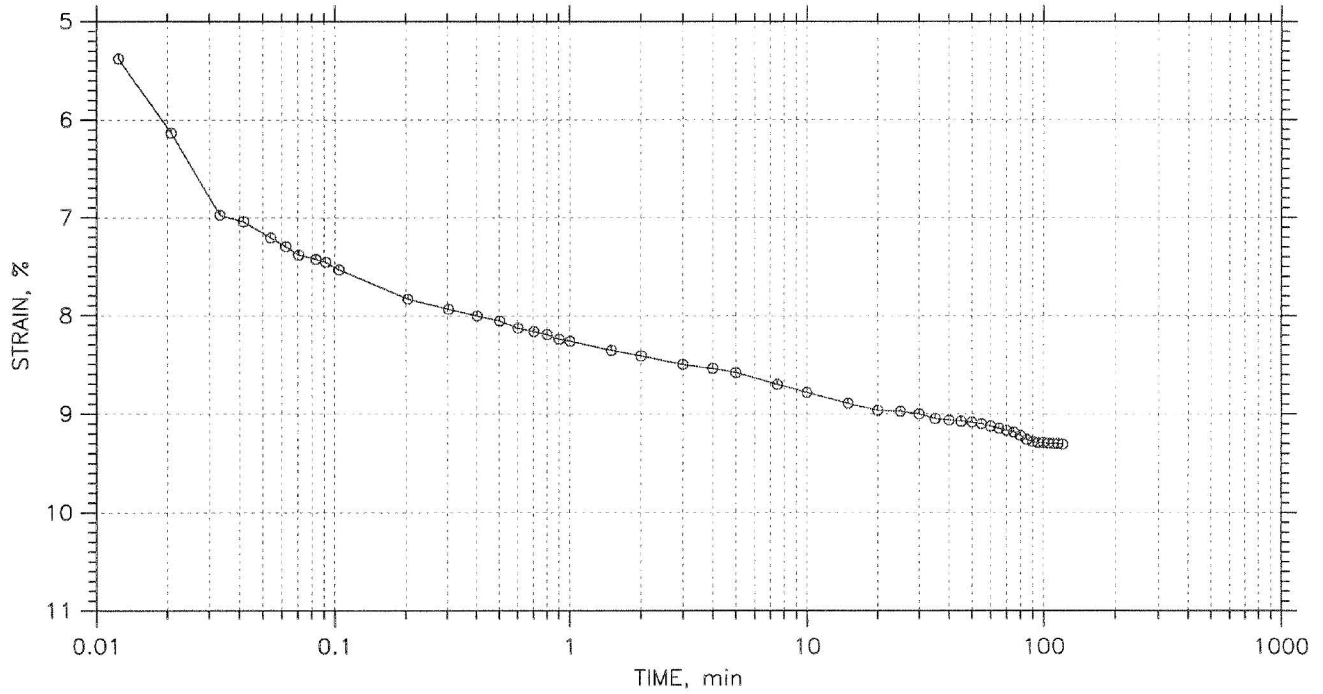
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 17

Stress: 32000 psf



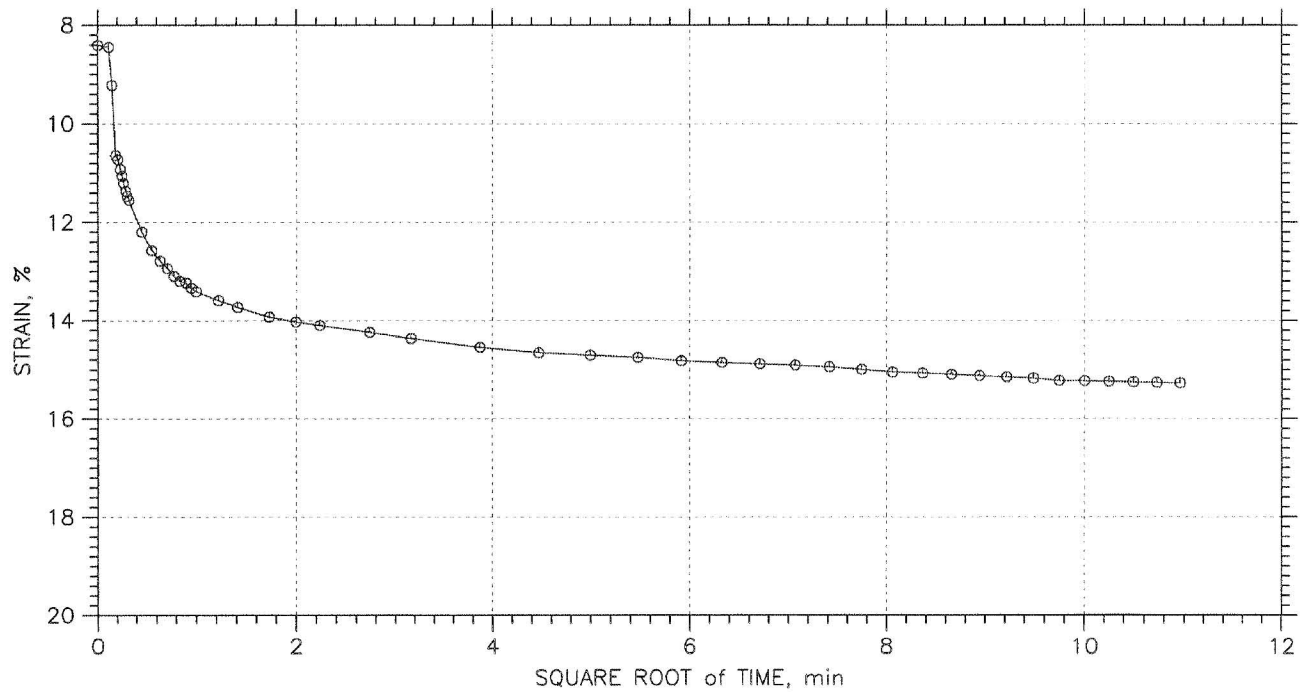
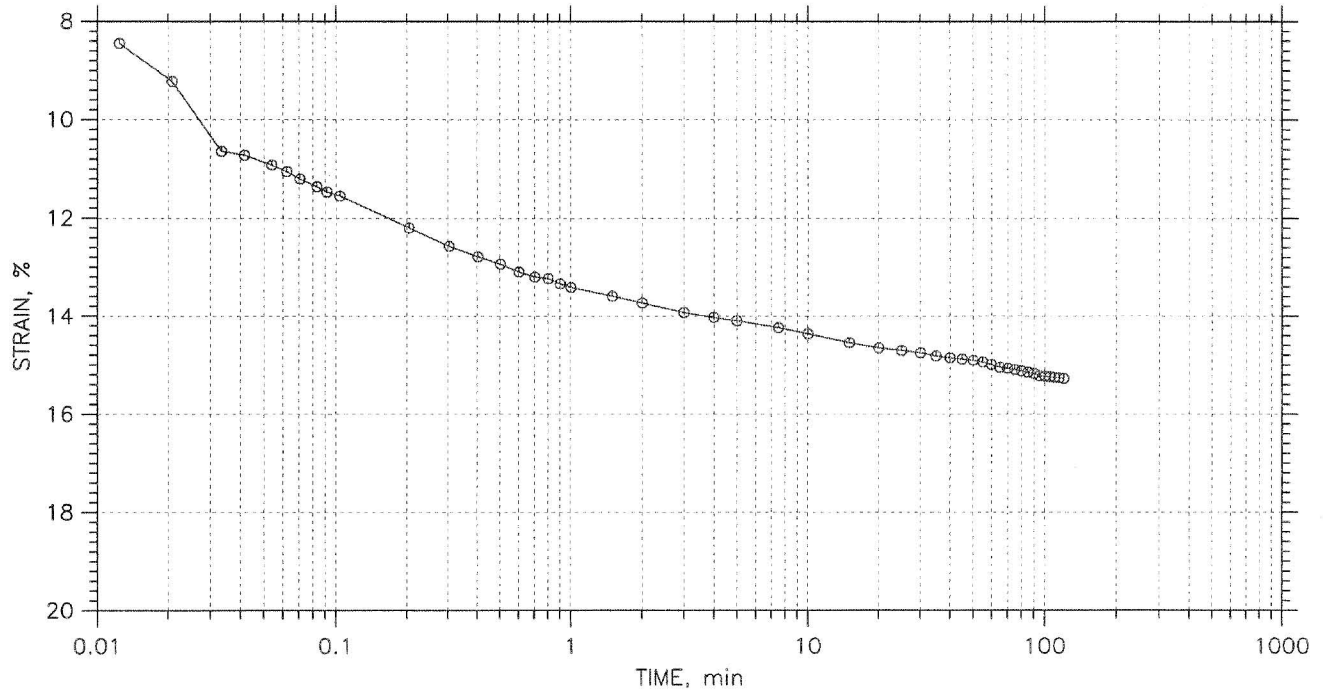
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 17

Stress: 64000 psf



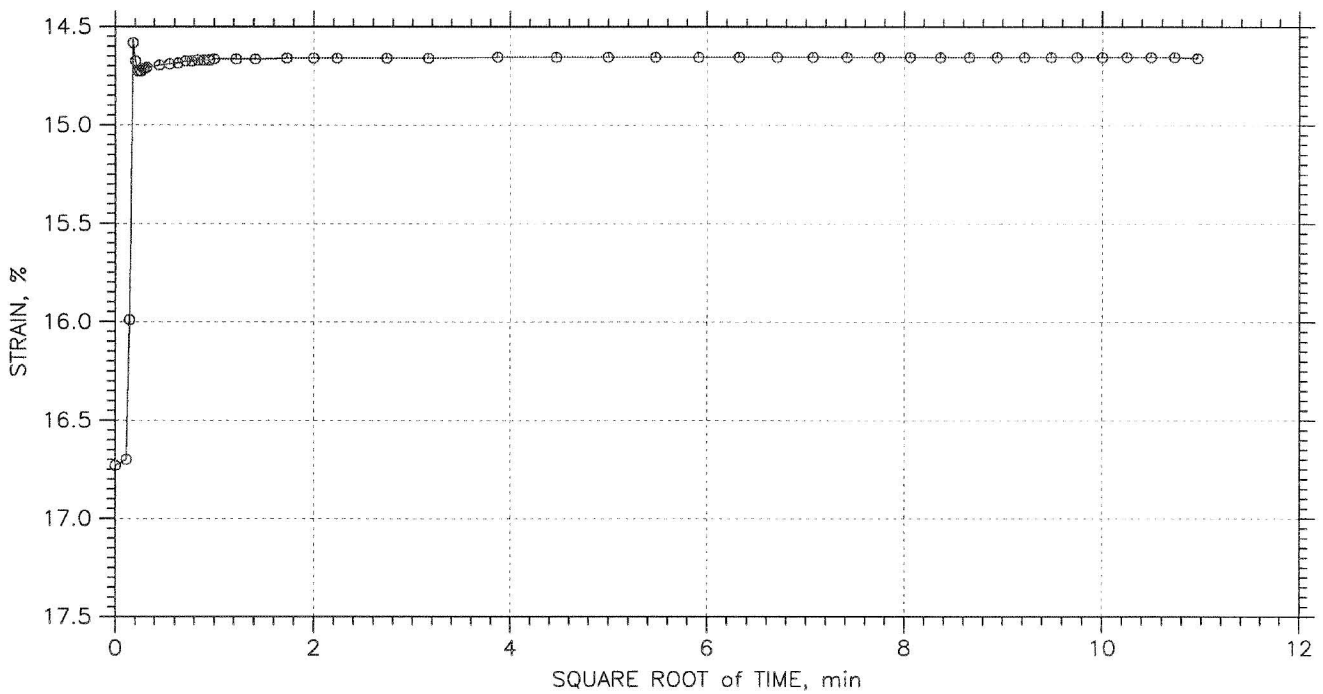
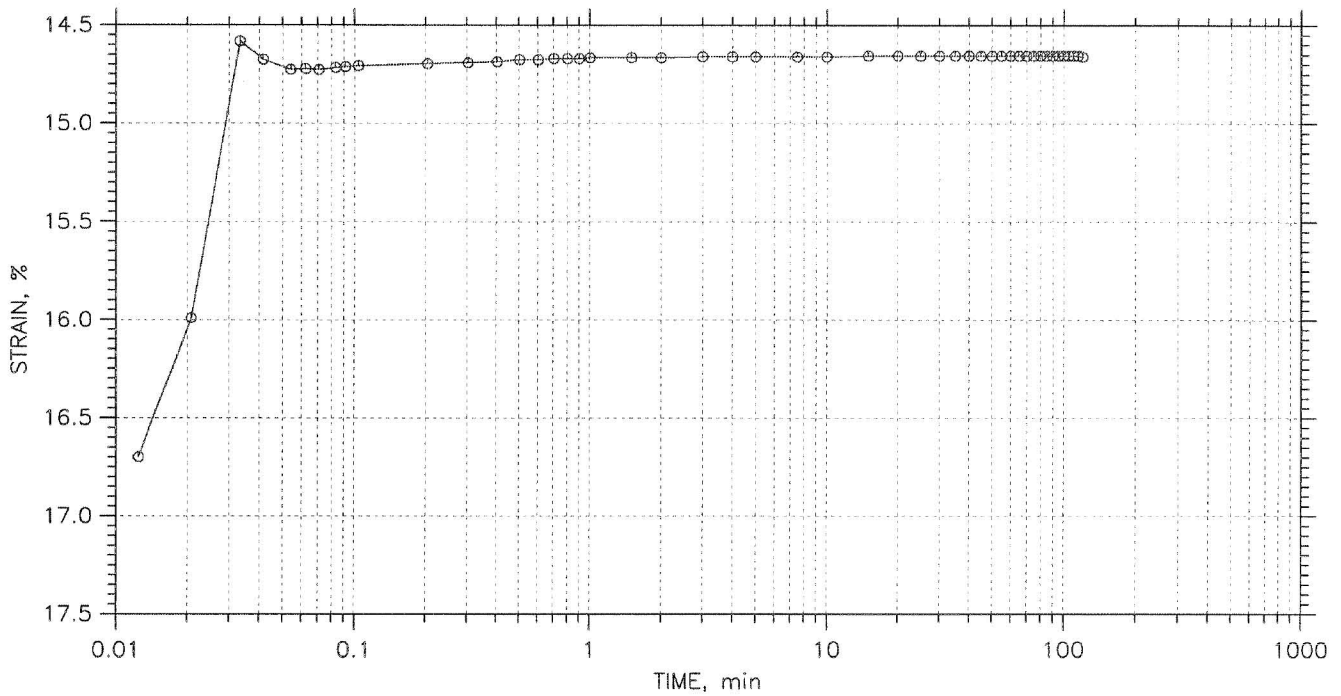
MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 17

Stress: 16000 psf



MACTEC	Project: Vogtle COL	Location: B-3019	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/25/07	Depth: 113.50'
	Test No.: 7528	Sample Type: Undisturbed	Elevation: 108.92'
	Description: GRAVEL, silty (GM) (Visual)		
	Remarks:		