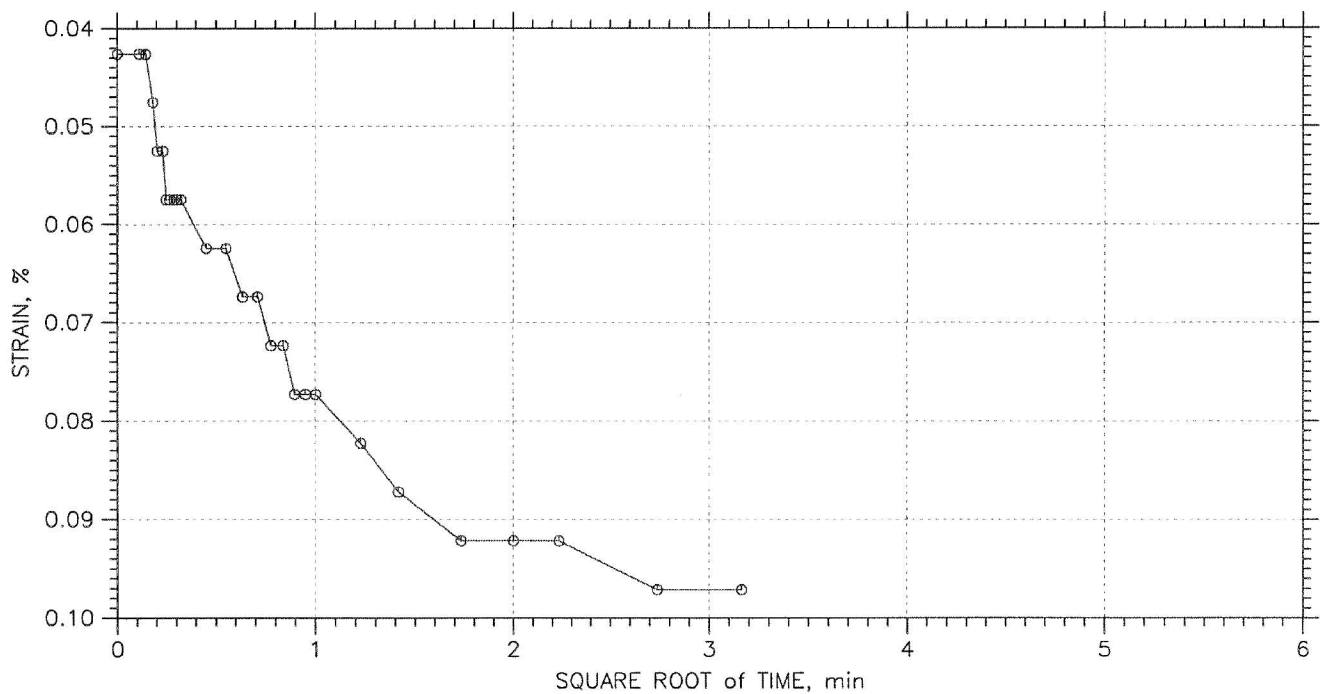
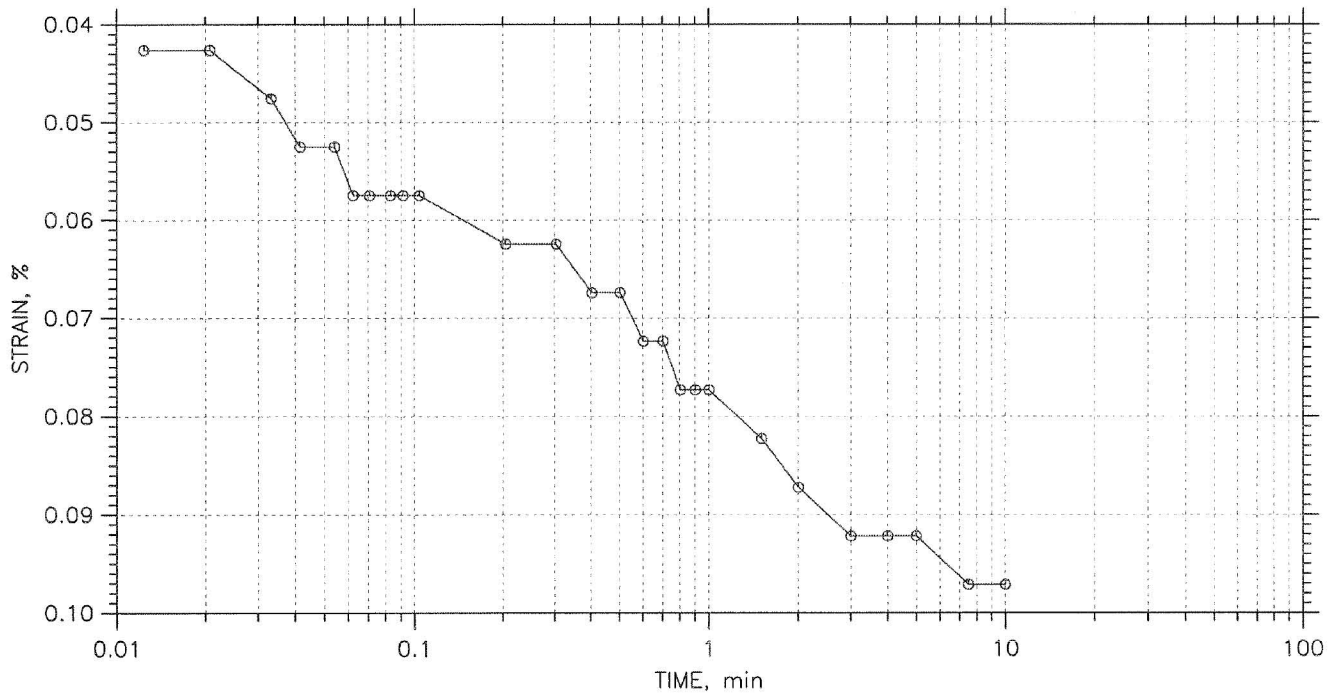


CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 17

Stress: 100. psf



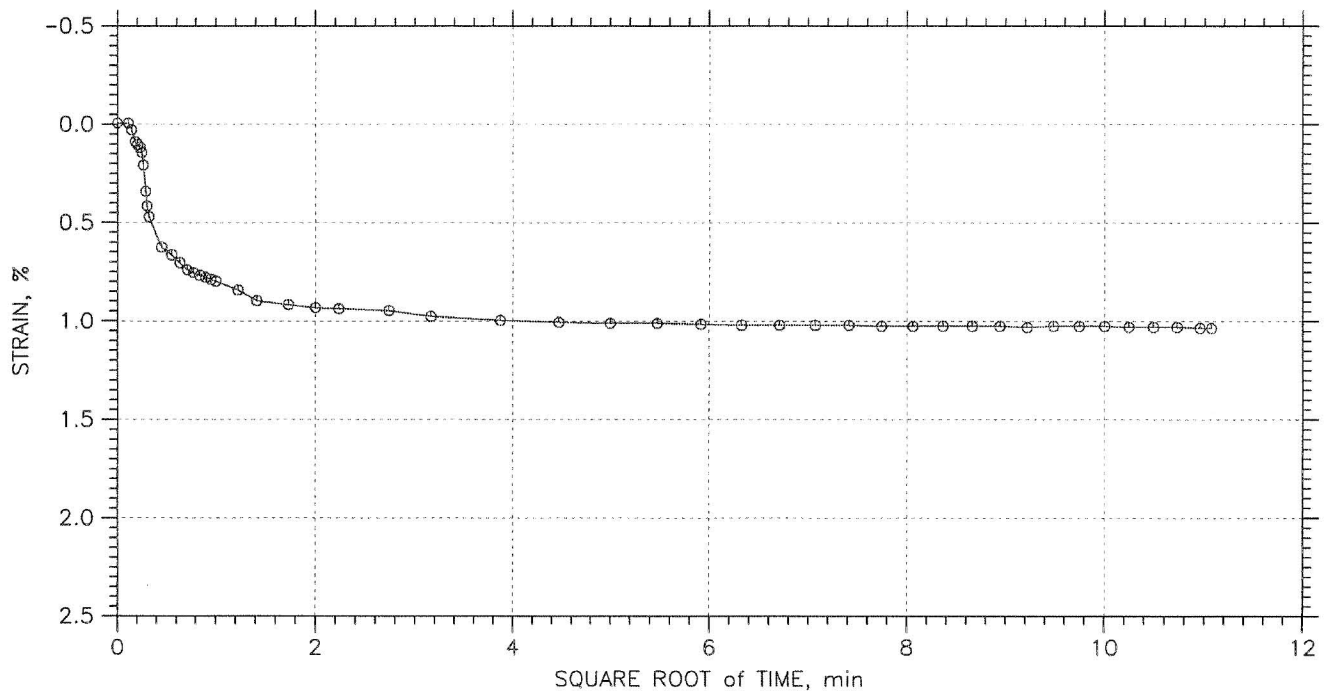
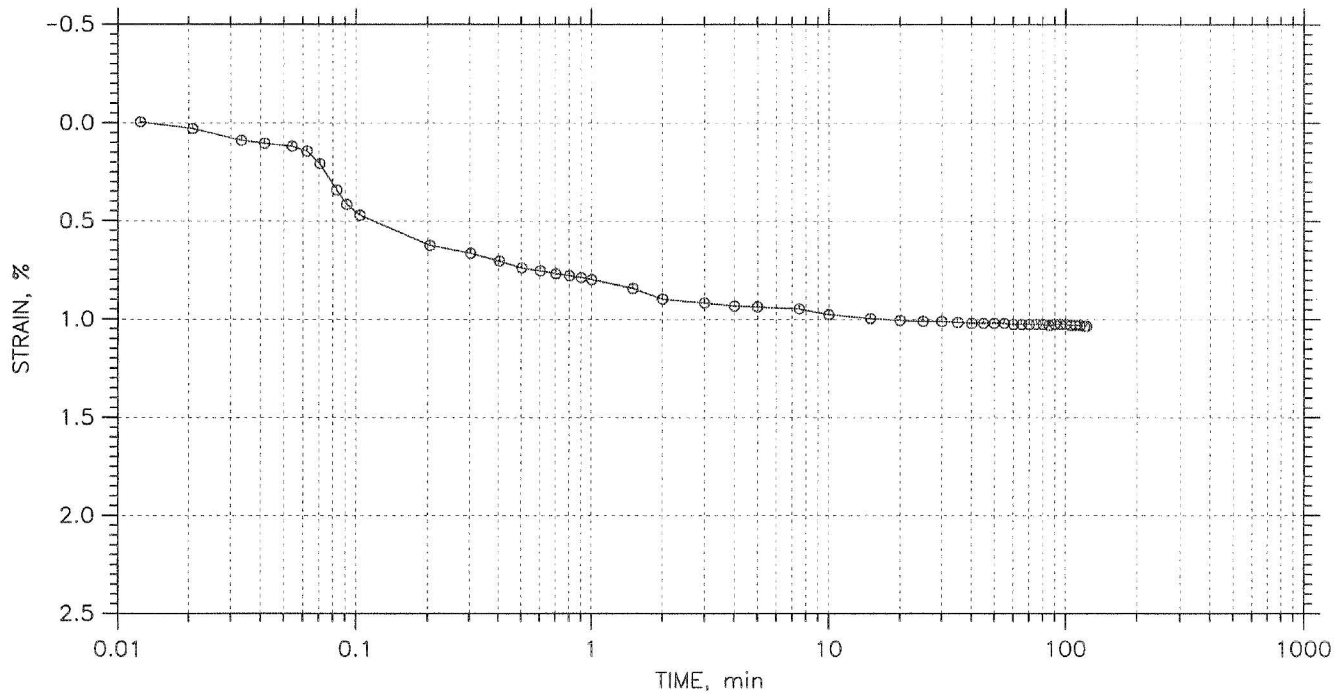
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 17

Stress: 500. psf



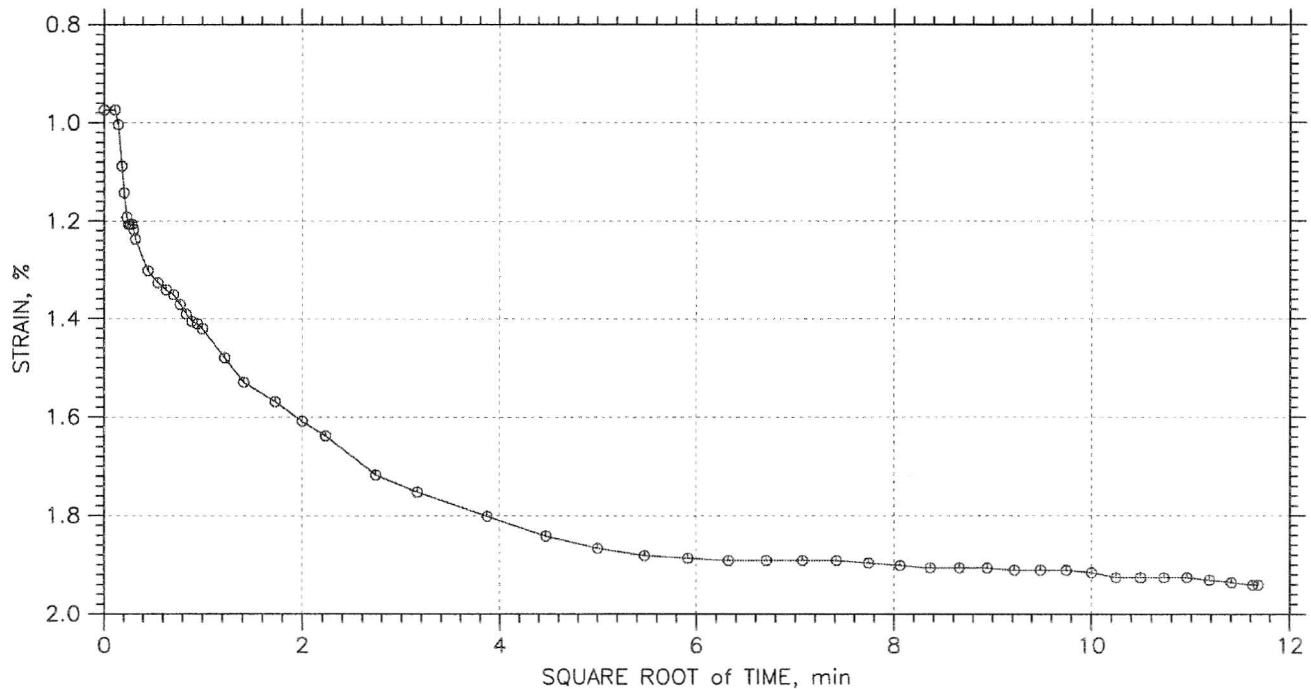
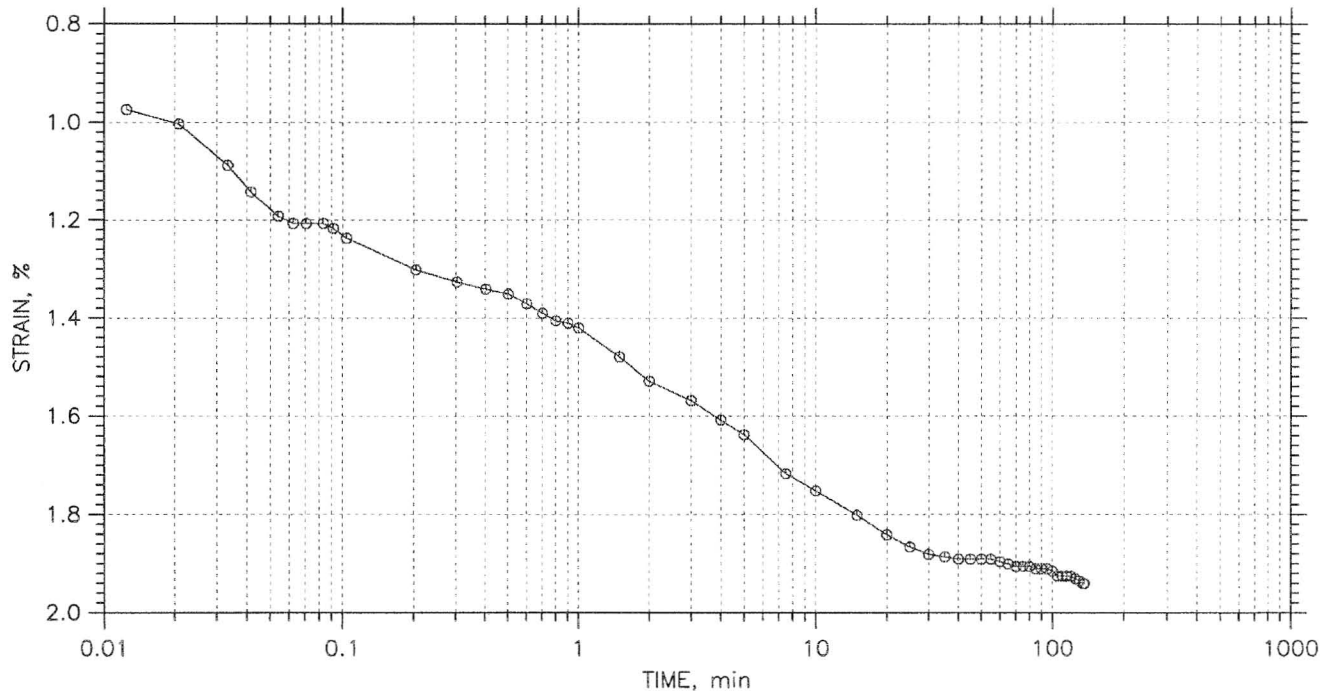
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 17

Stress: 1000. psf



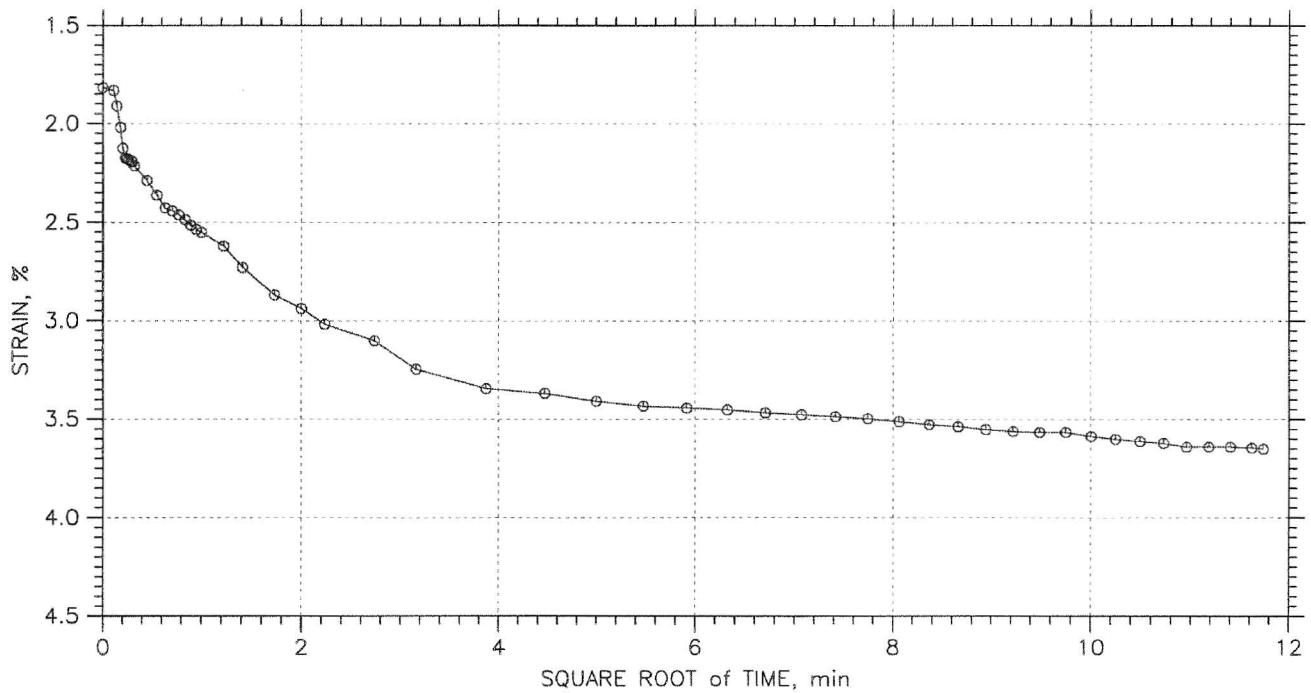
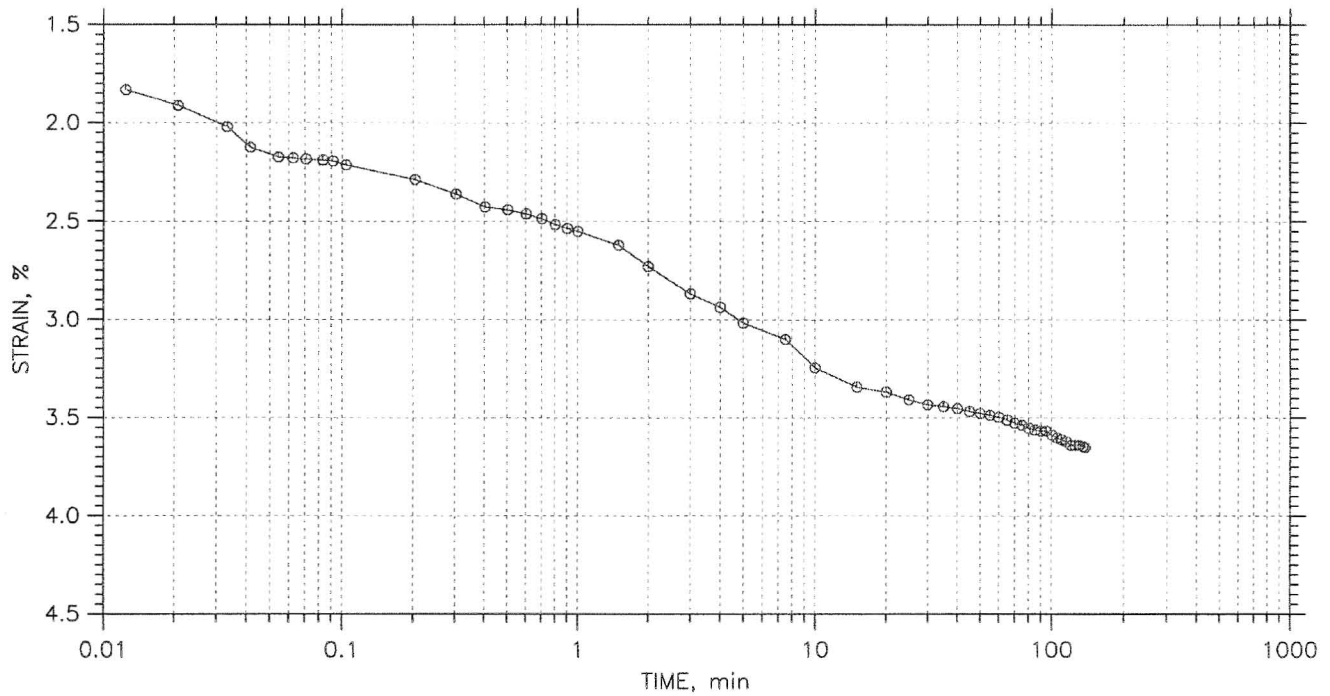
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

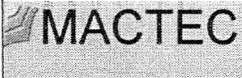
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 17

Stress: 2000. psf



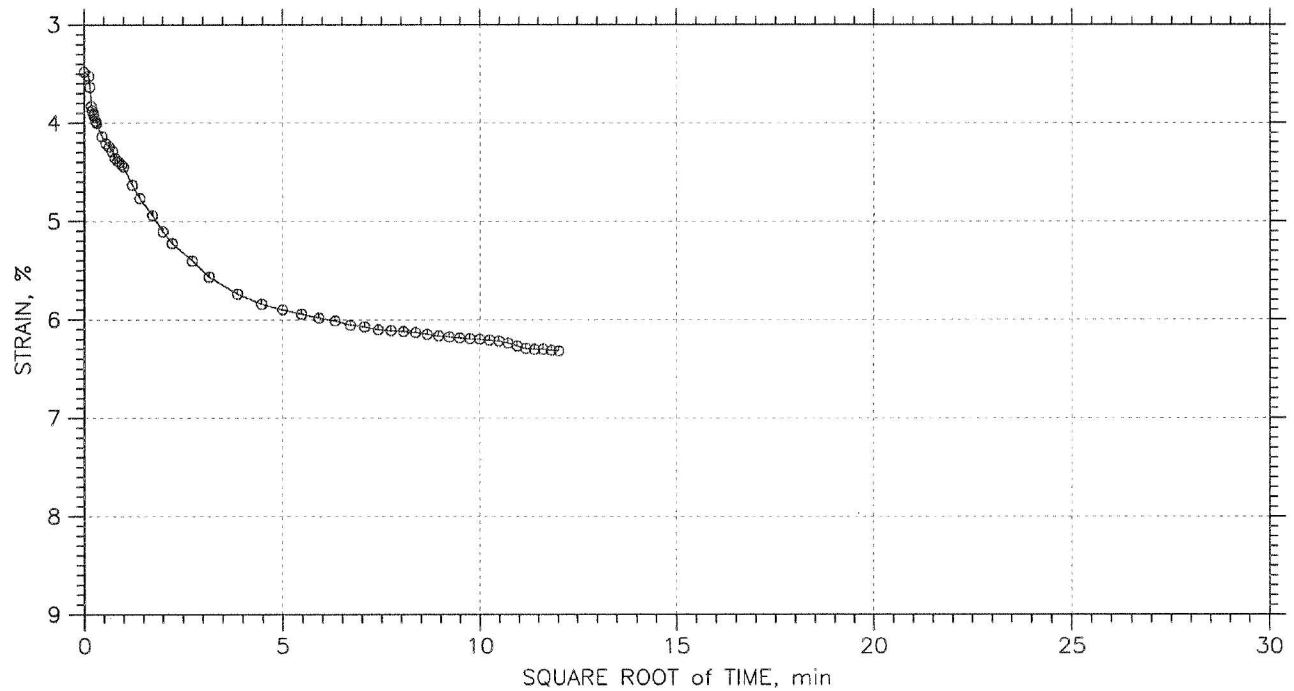
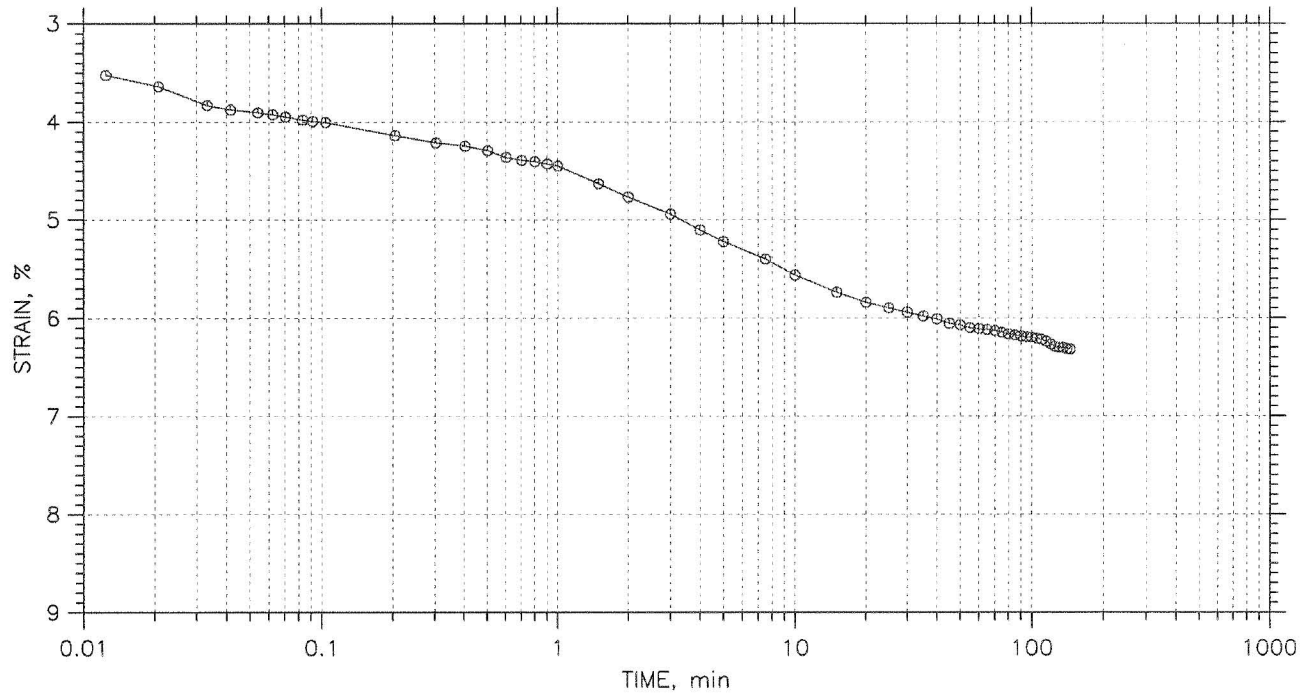
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

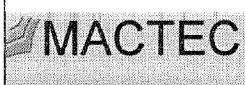
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 17

Stress: 4000. psf



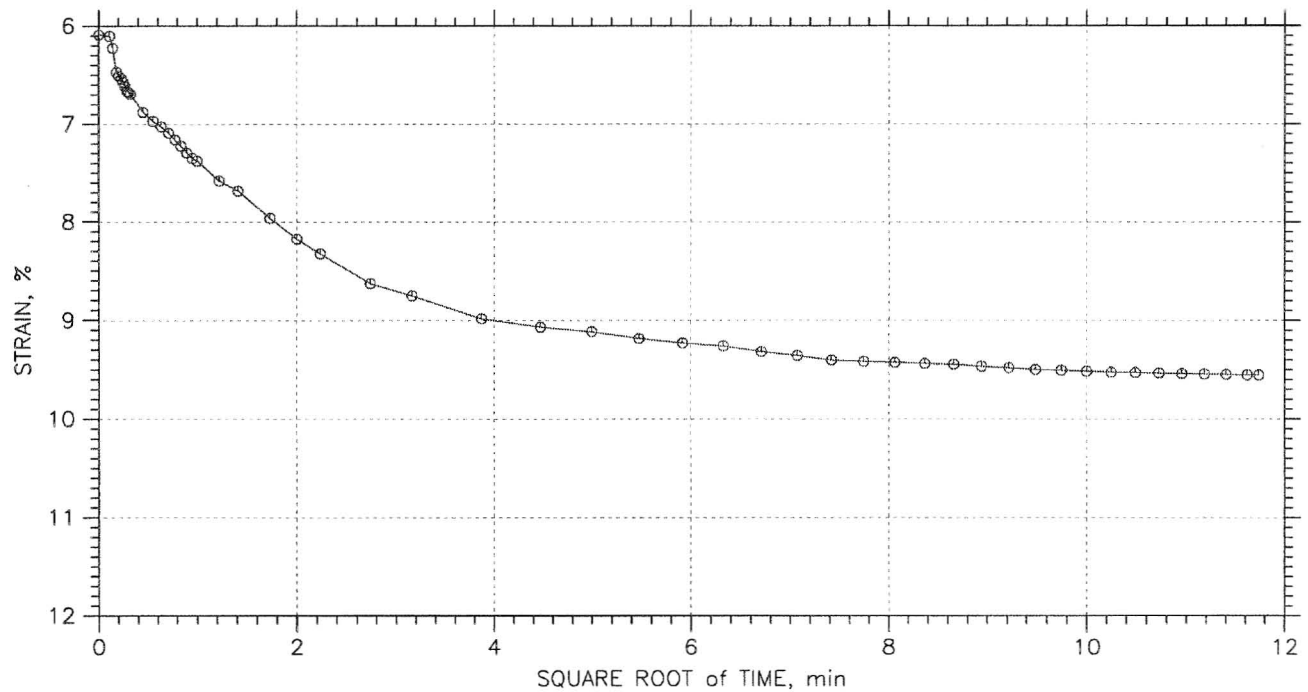
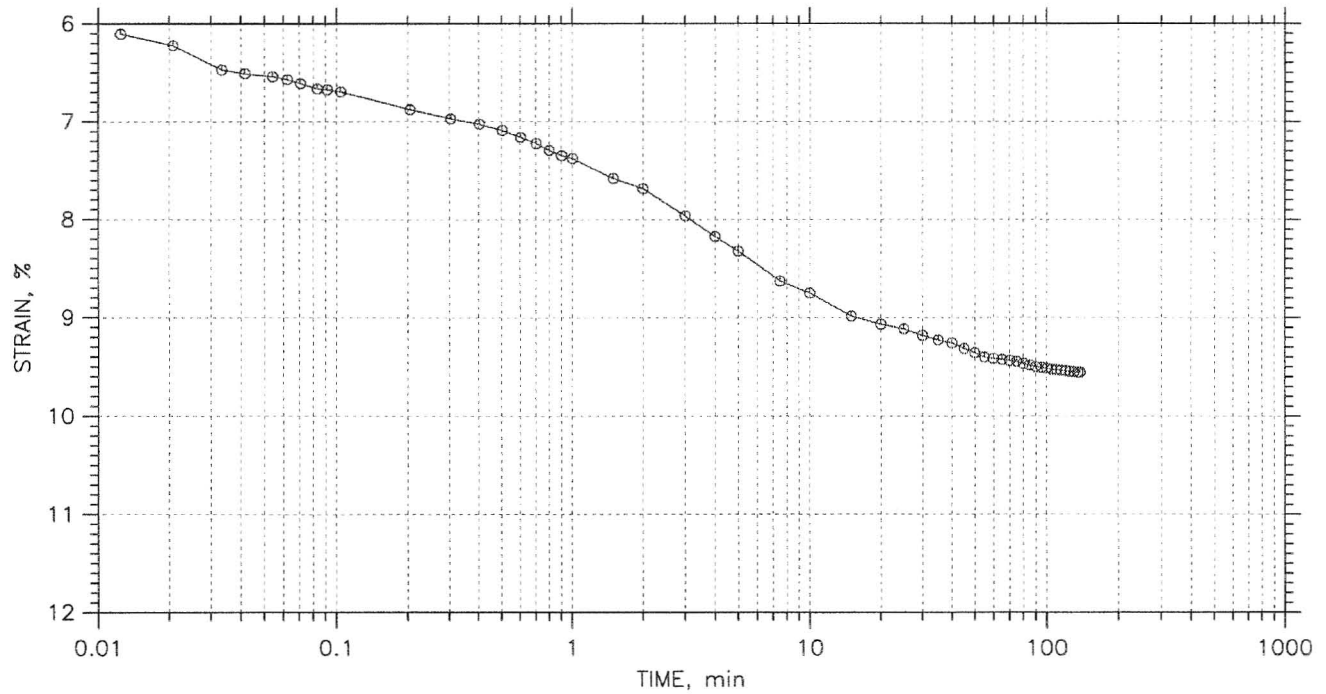
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 17

Stress: 8000. psf



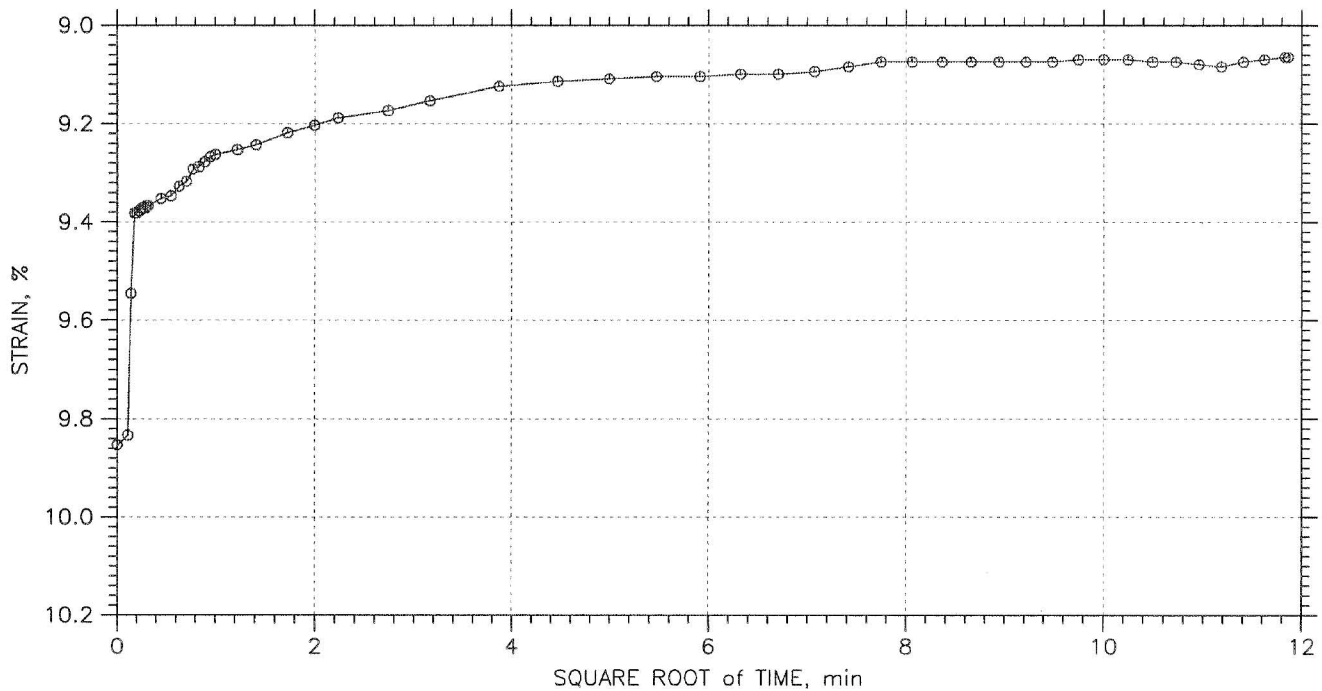
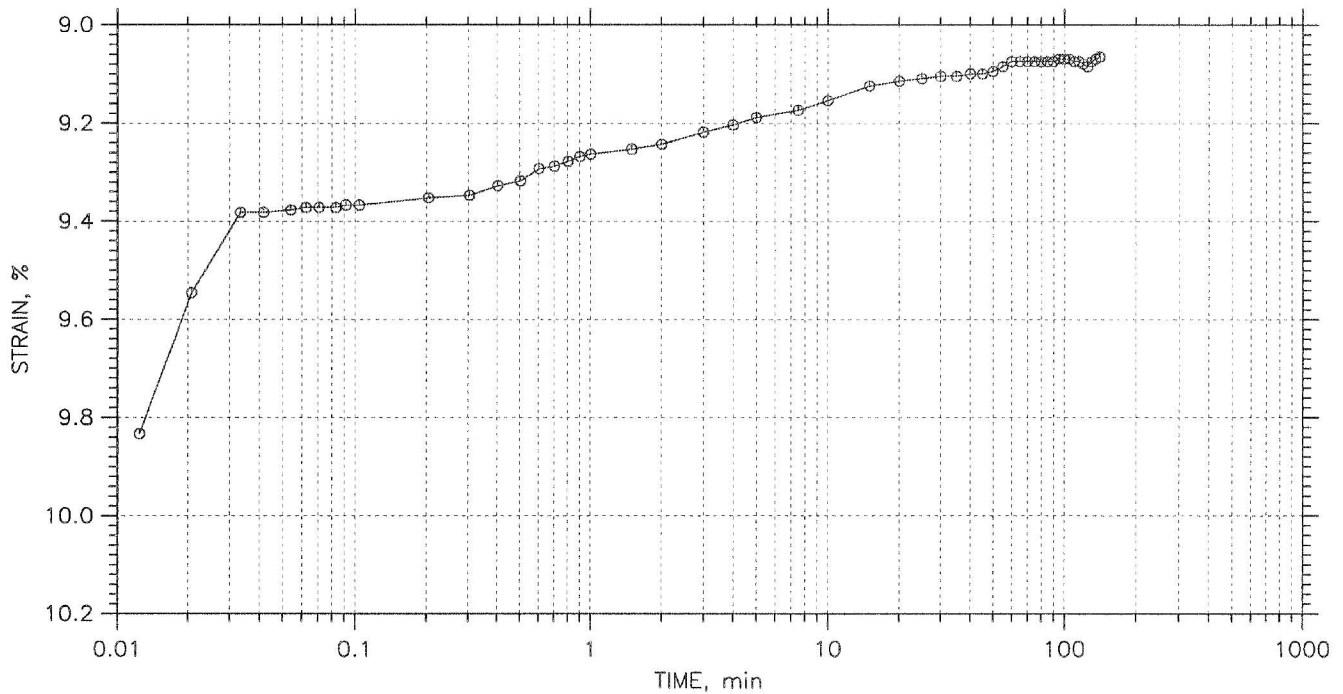
MACTEC	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 17

Stress: 2000. psf



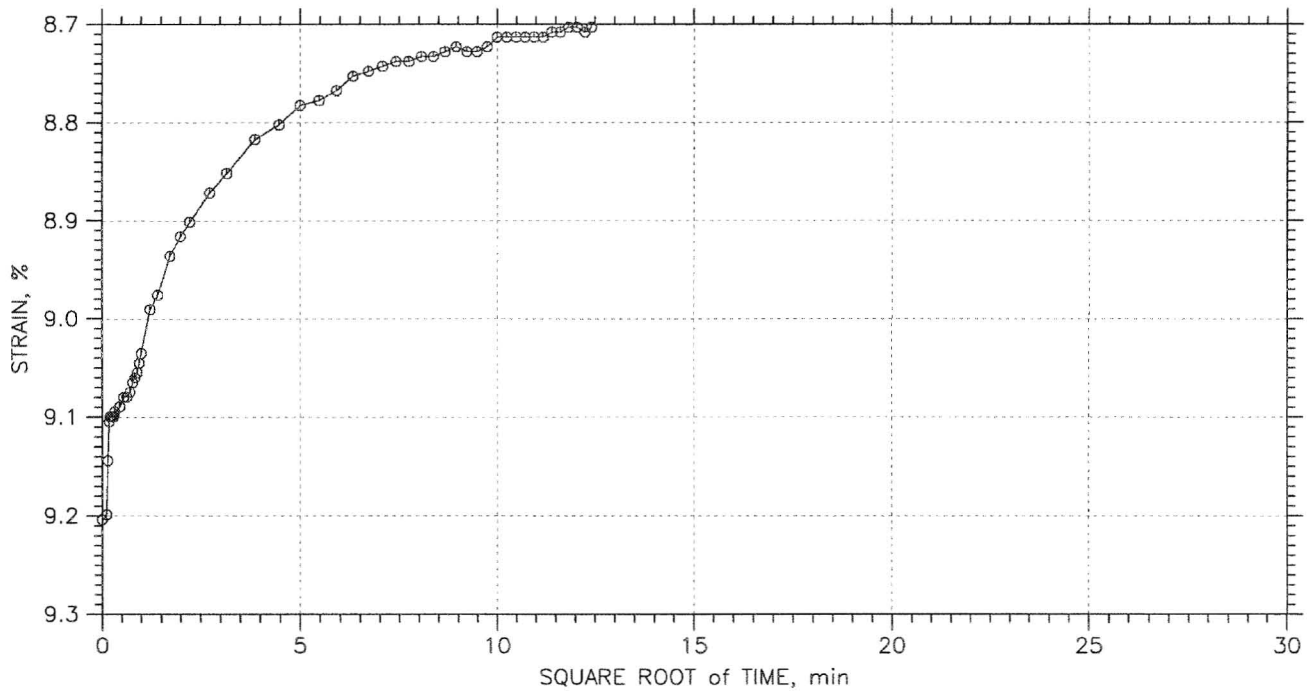
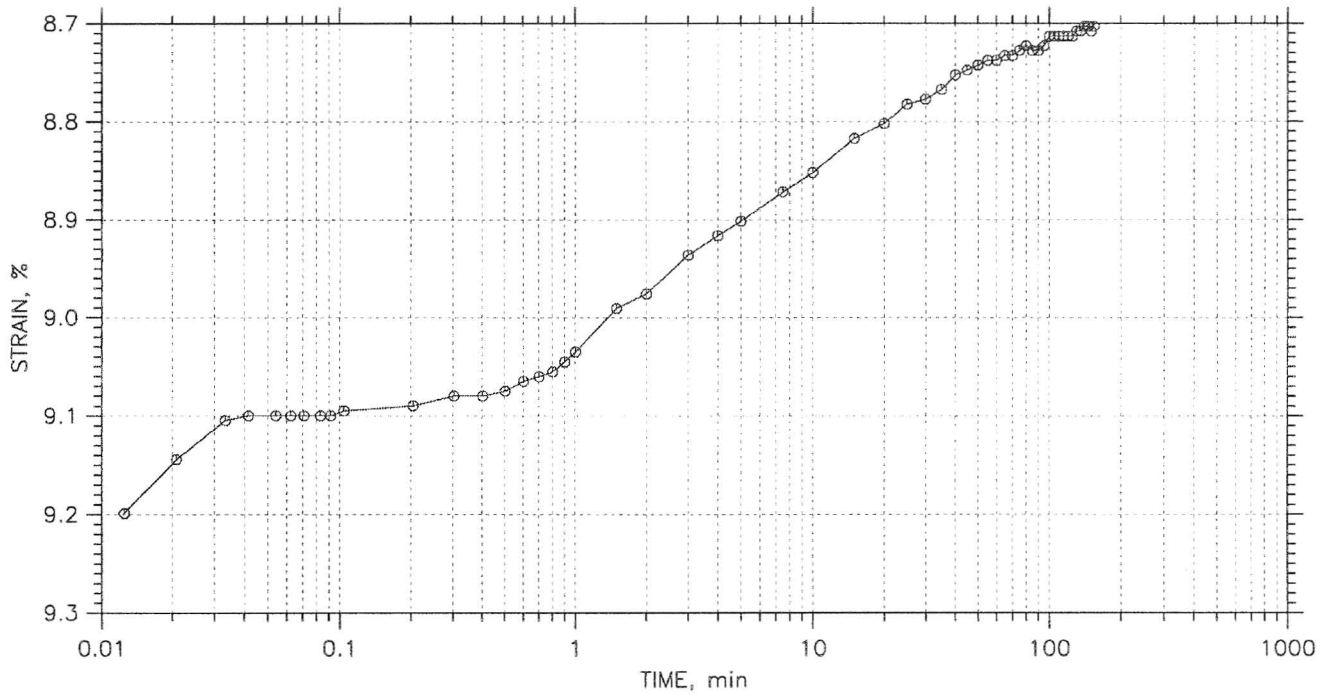
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 17

Stress: 1000. psf



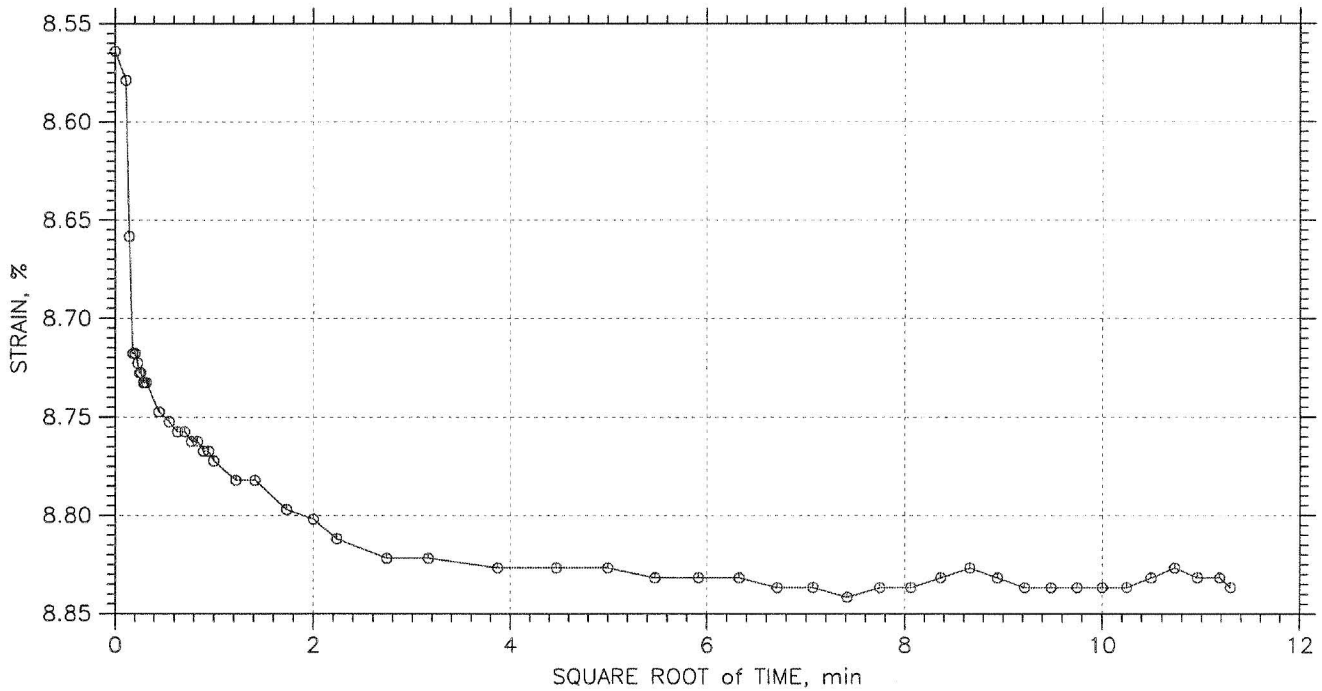
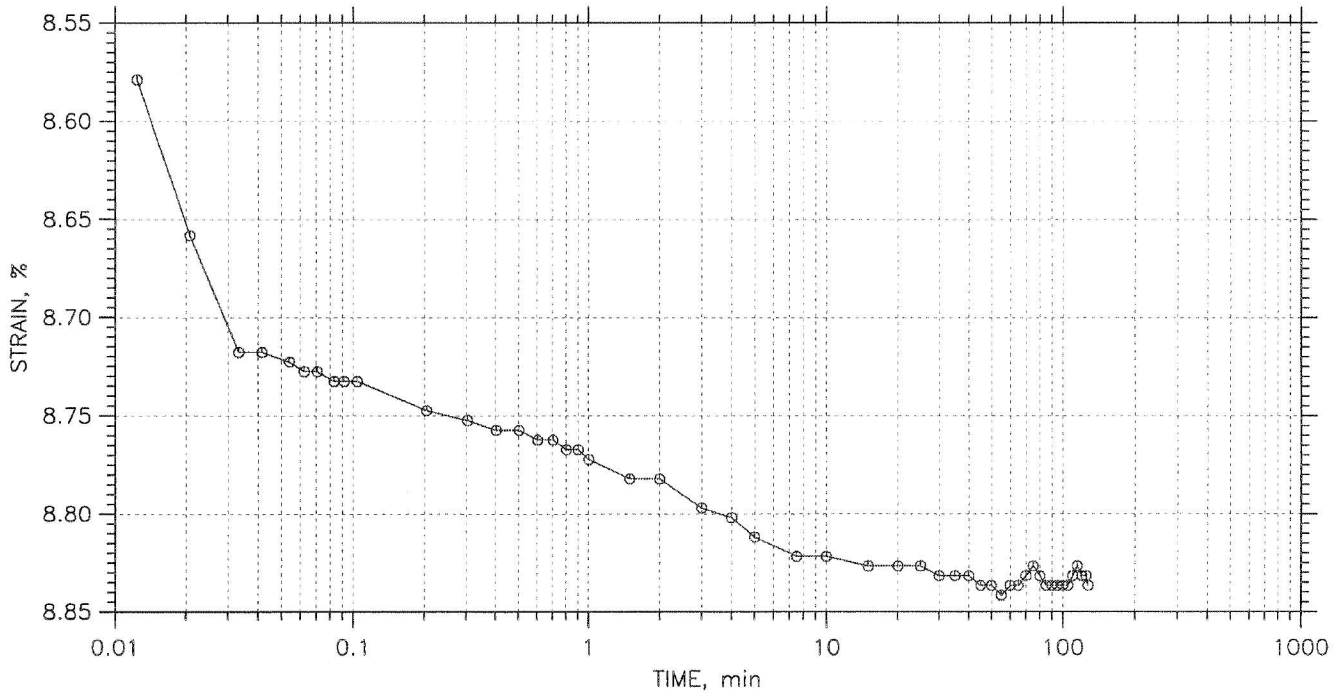
MACTEC	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 17

Stress: 2000. psf



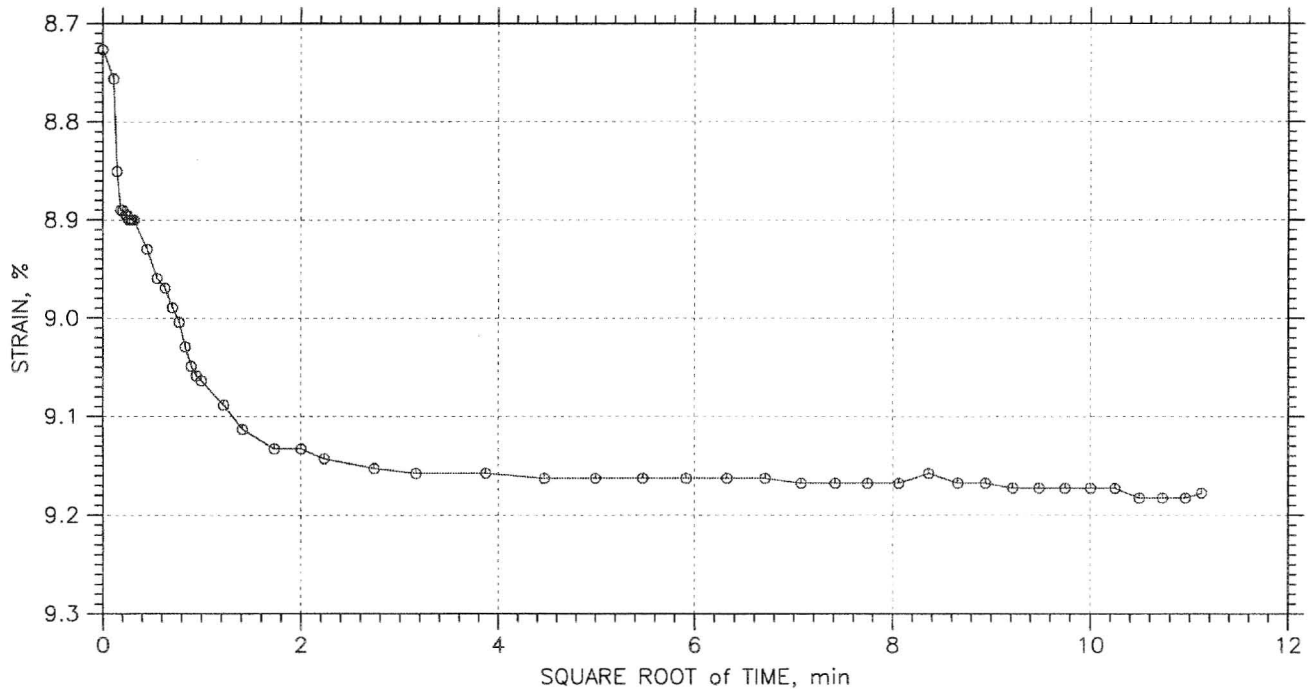
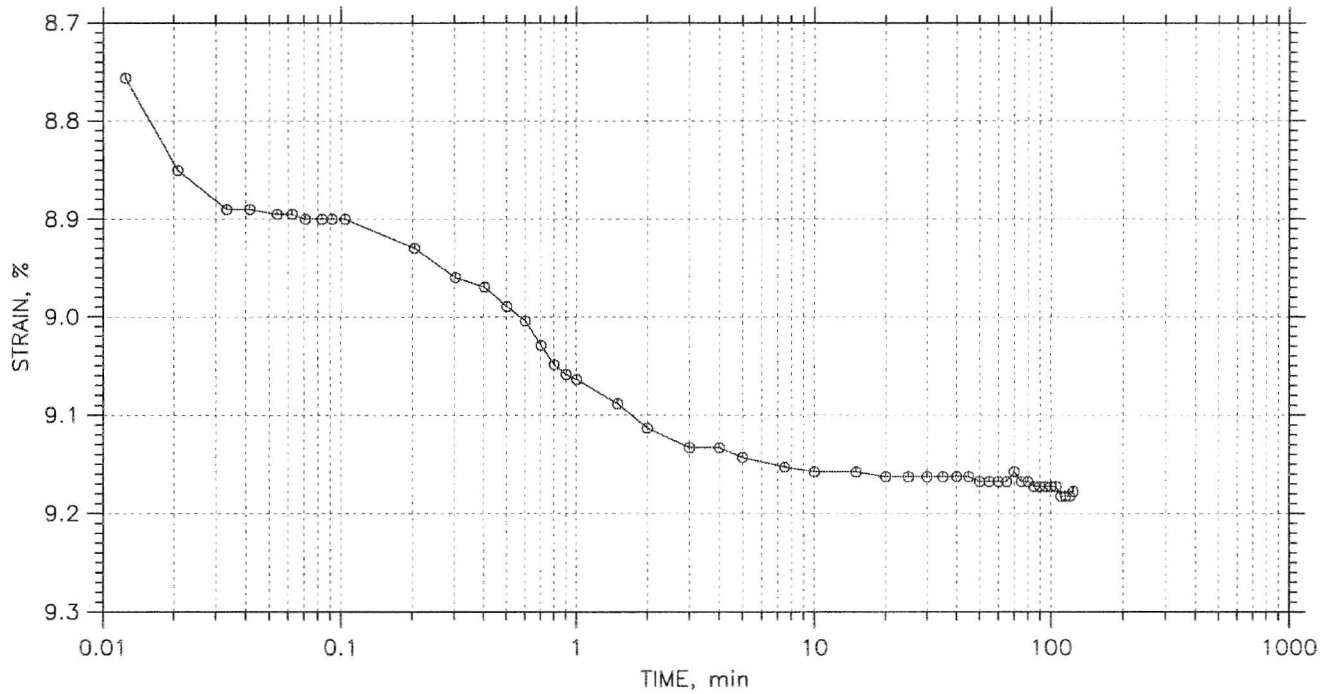
MACTEC	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

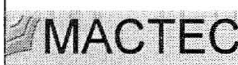
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 17

Stress: 4000. psf



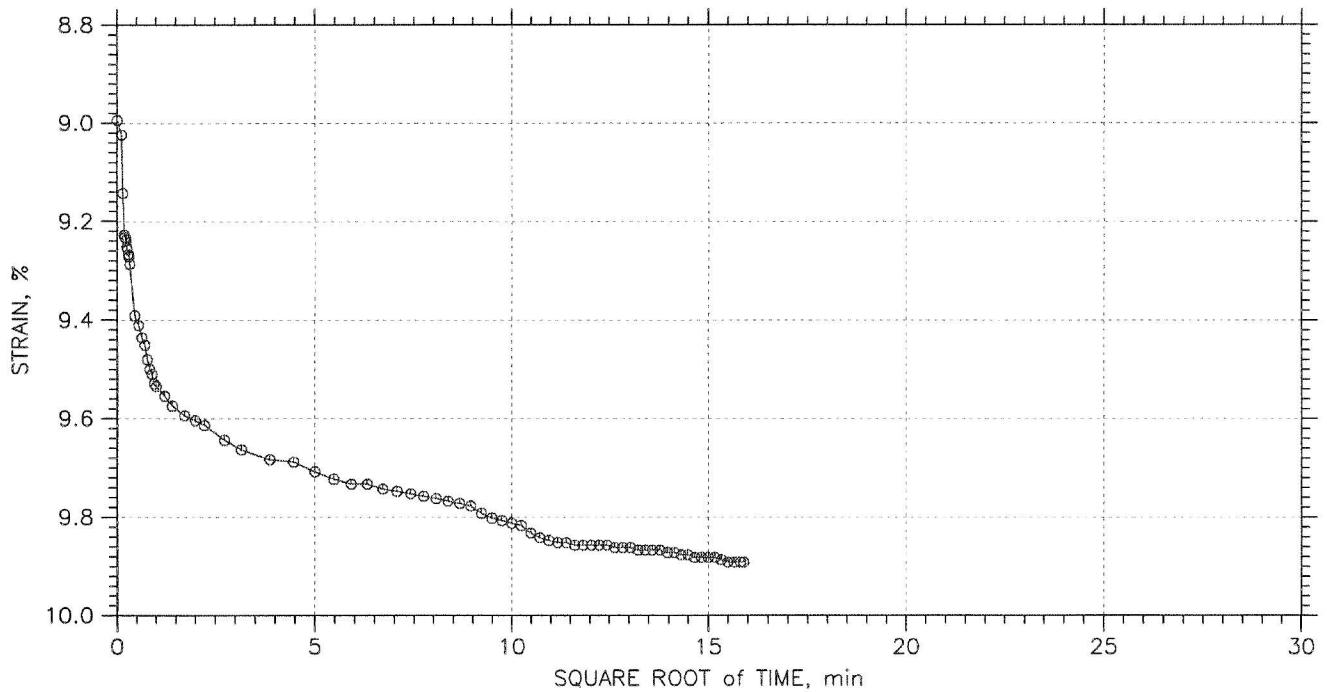
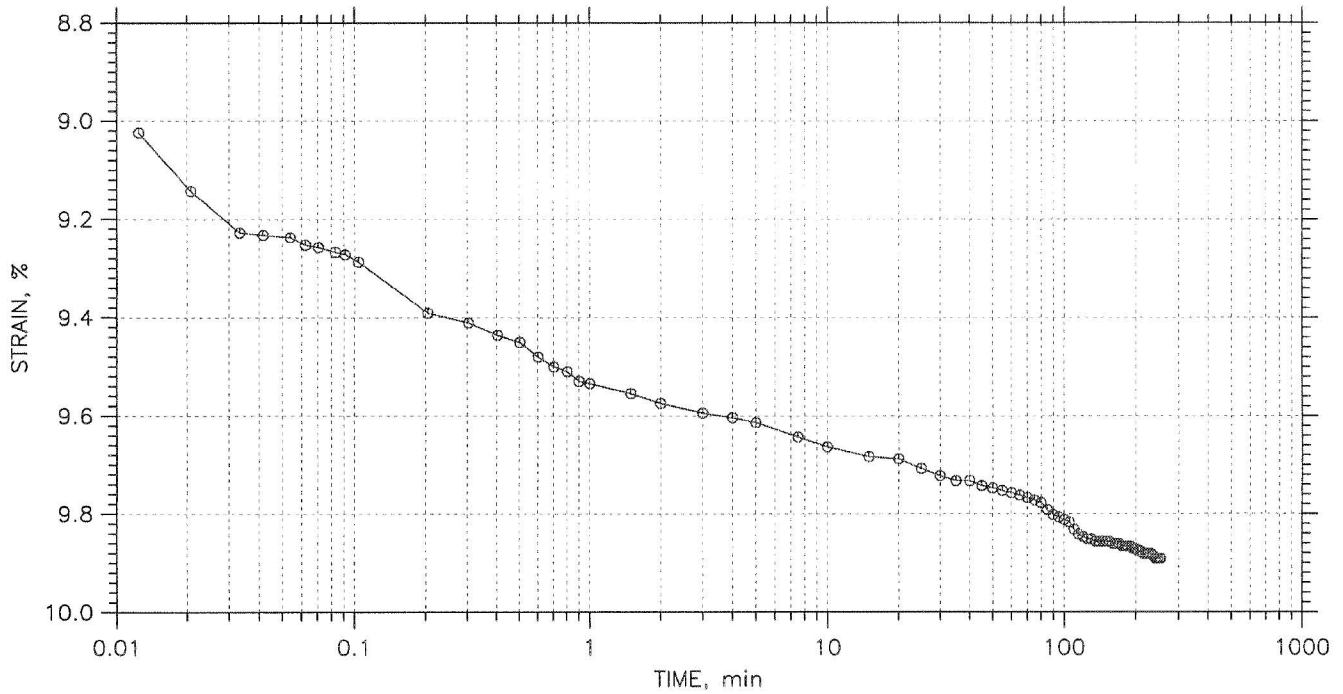
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 17

Stress: 8000. psf



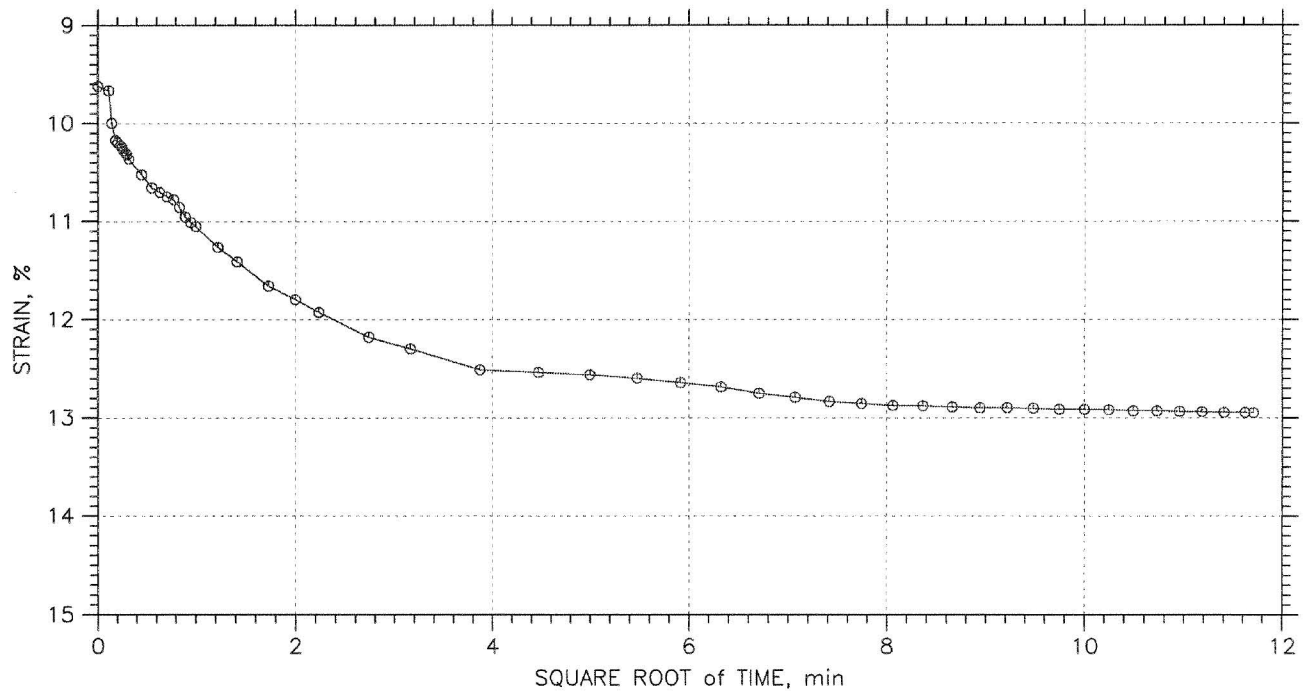
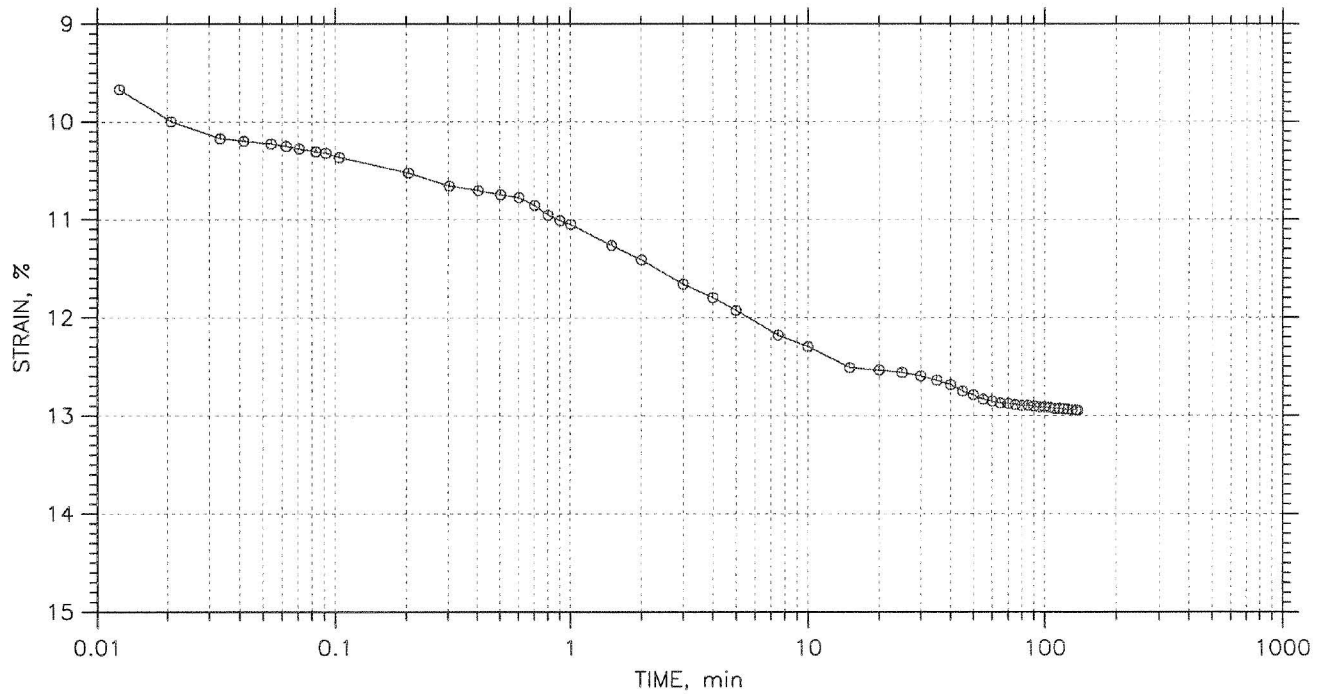
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 17

Stress: 16000 psf



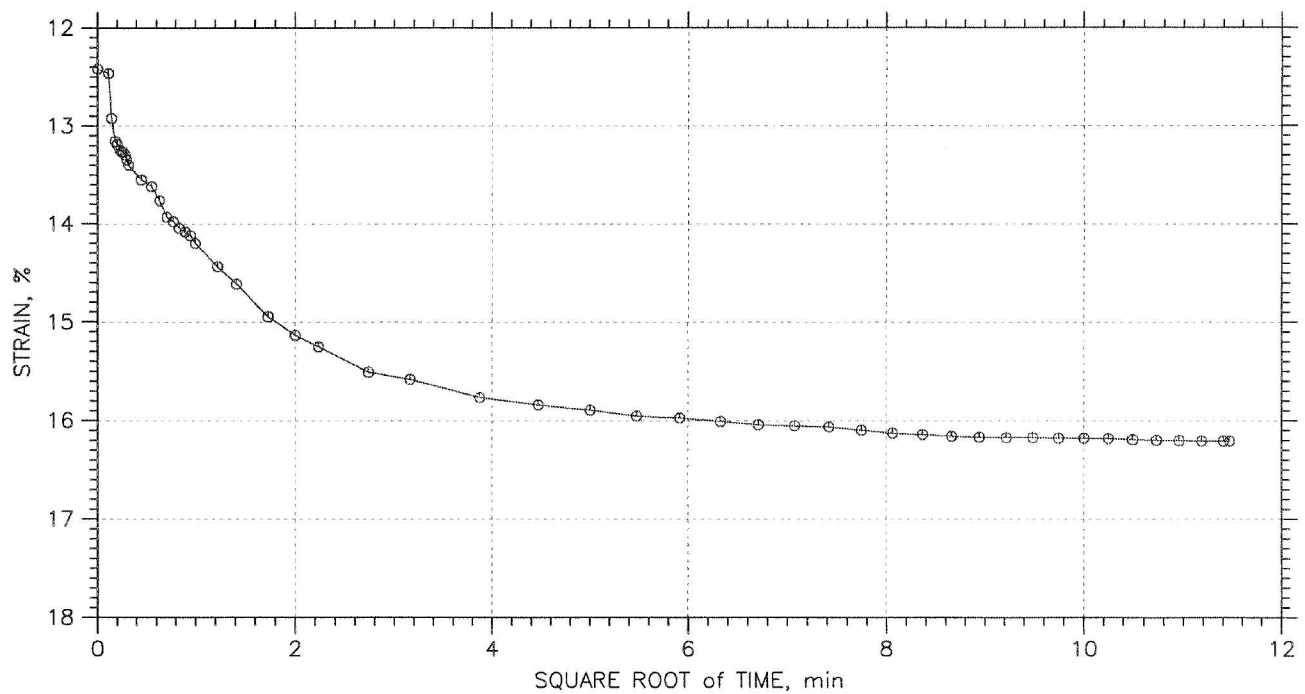
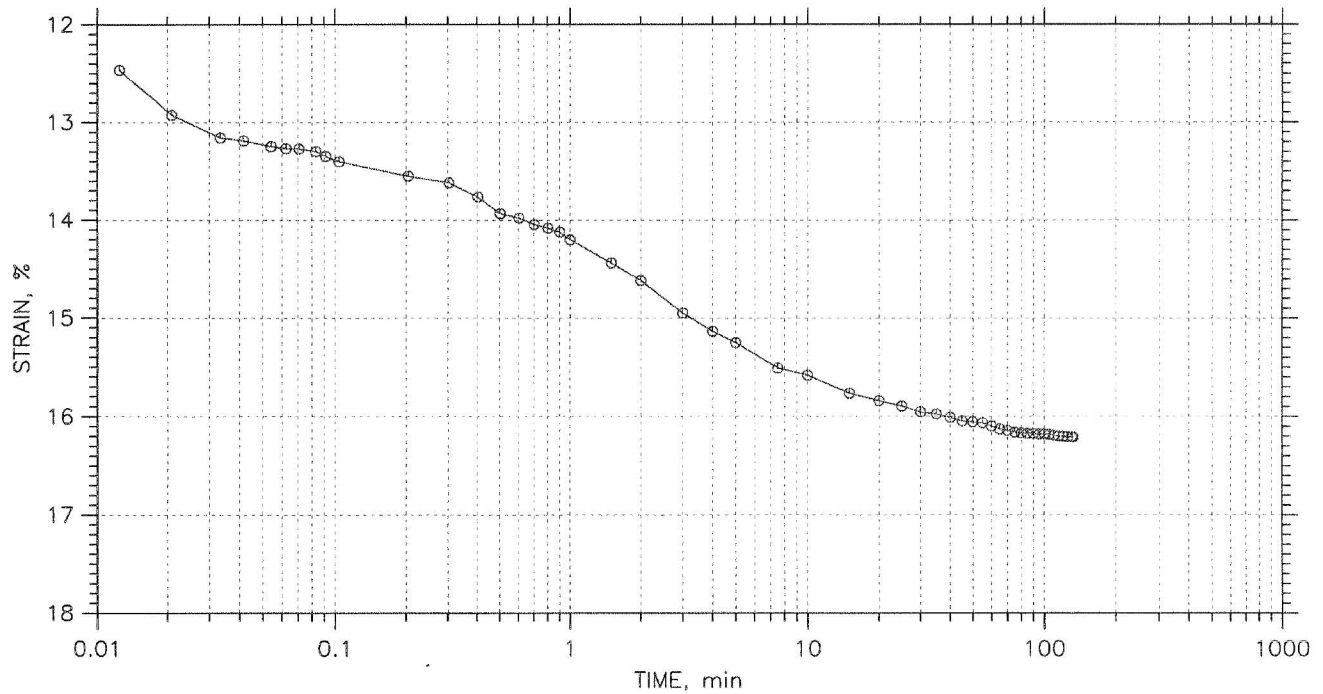
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

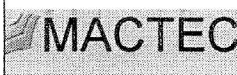
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 17

Stress: 32000 psf



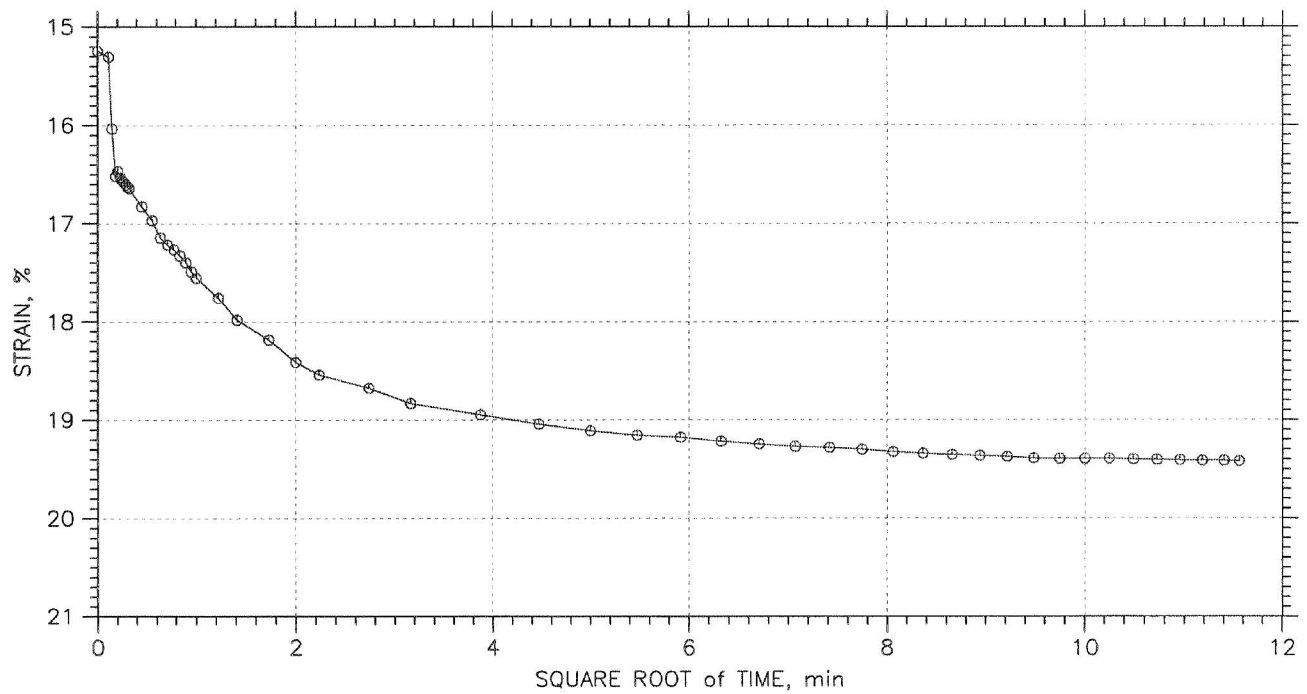
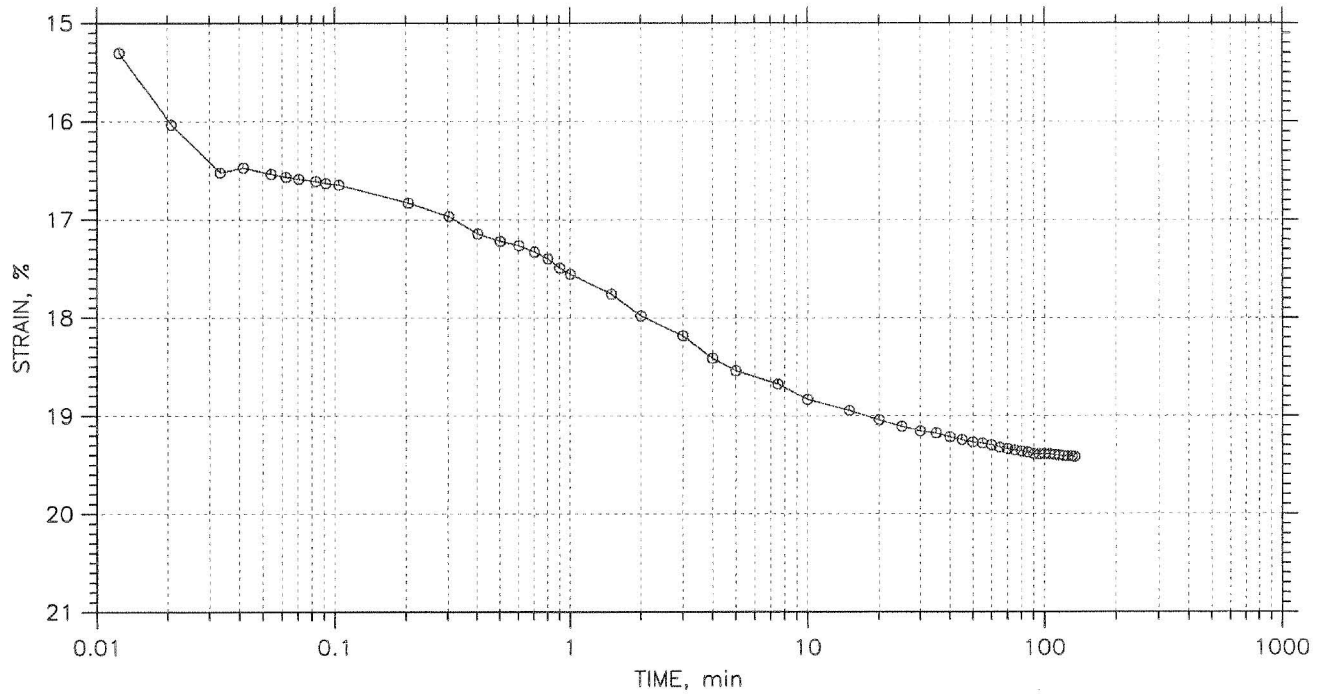
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 17

Stress: 64000 psf



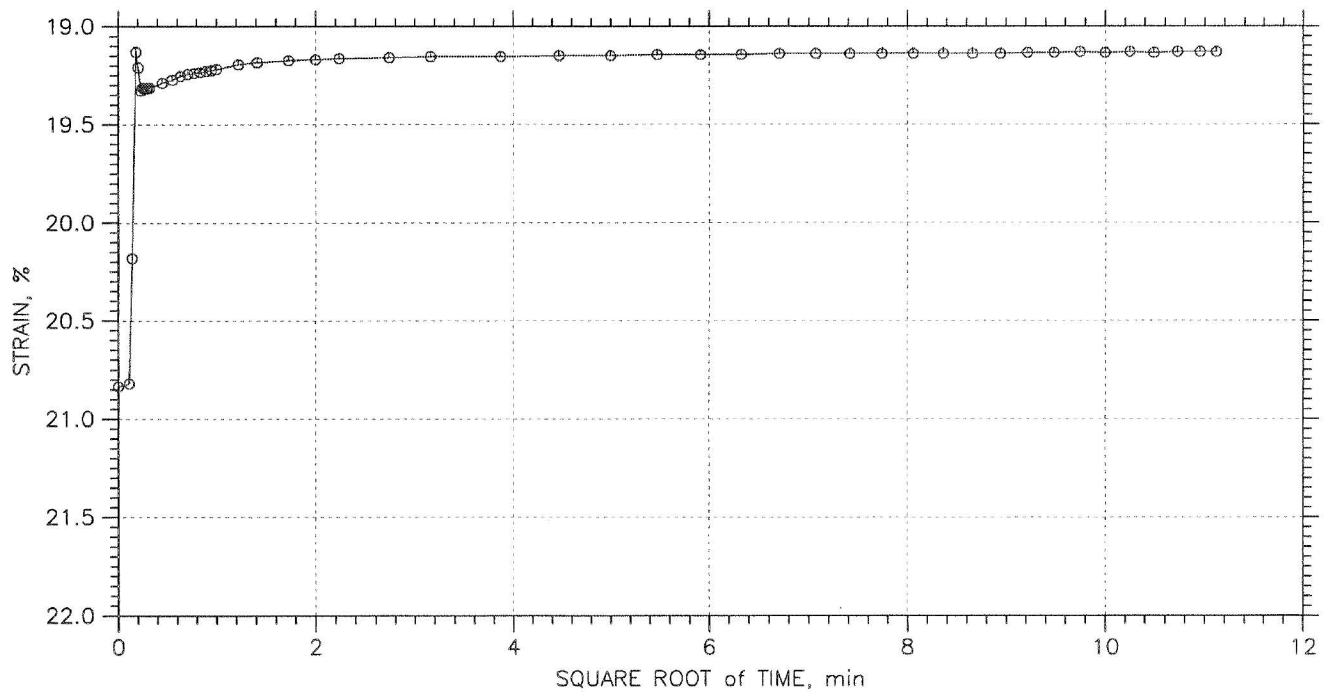
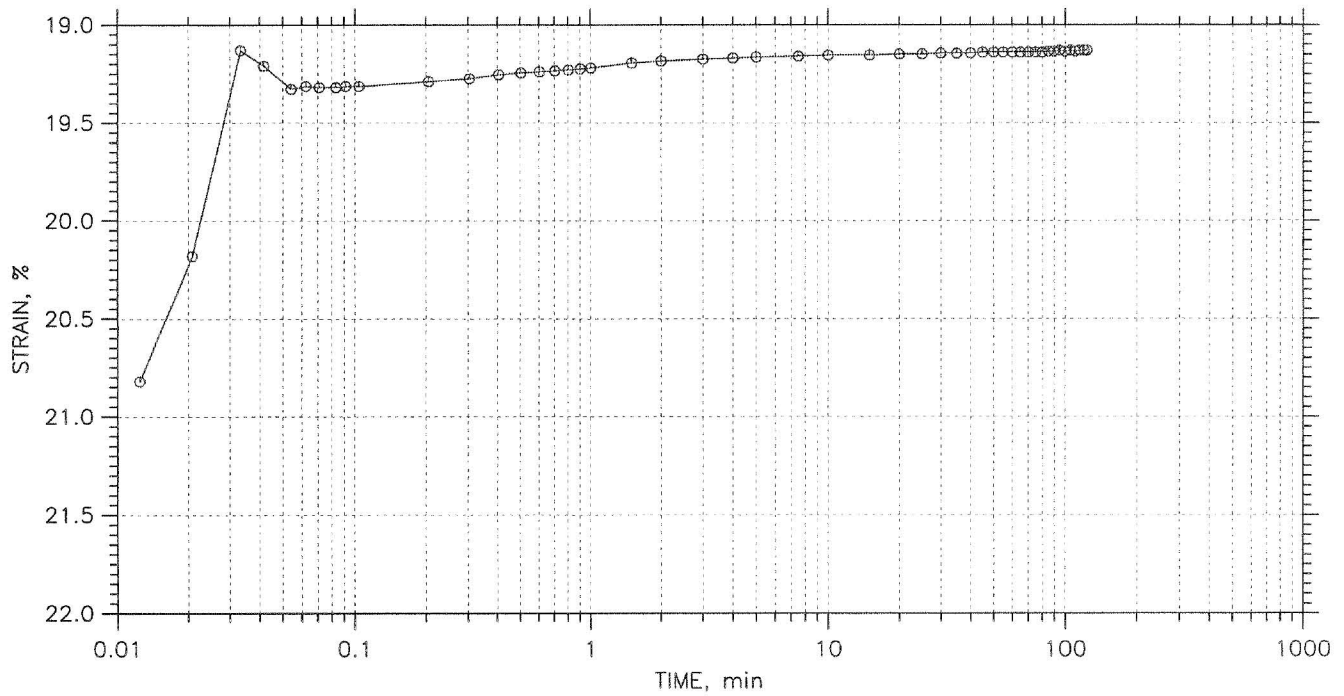
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 17

Stress: 16000 psf



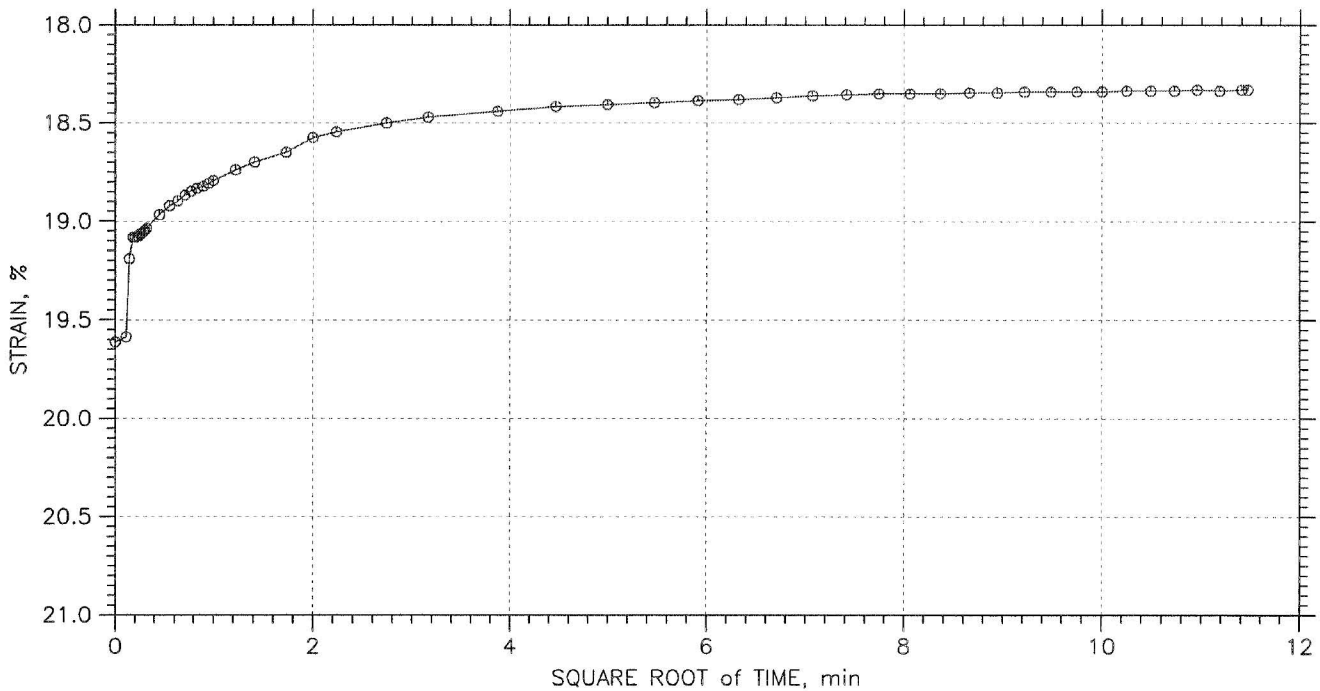
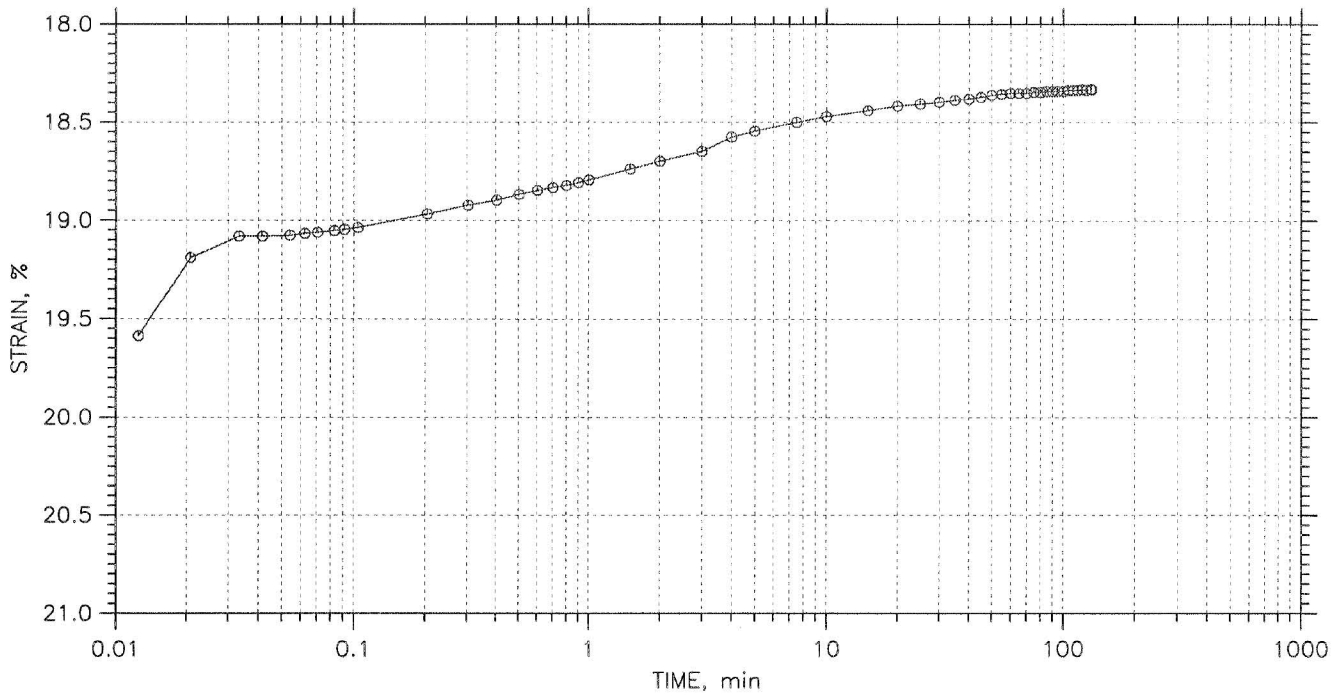
MACTEC	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 16 of 17

Stress: 4000. psf



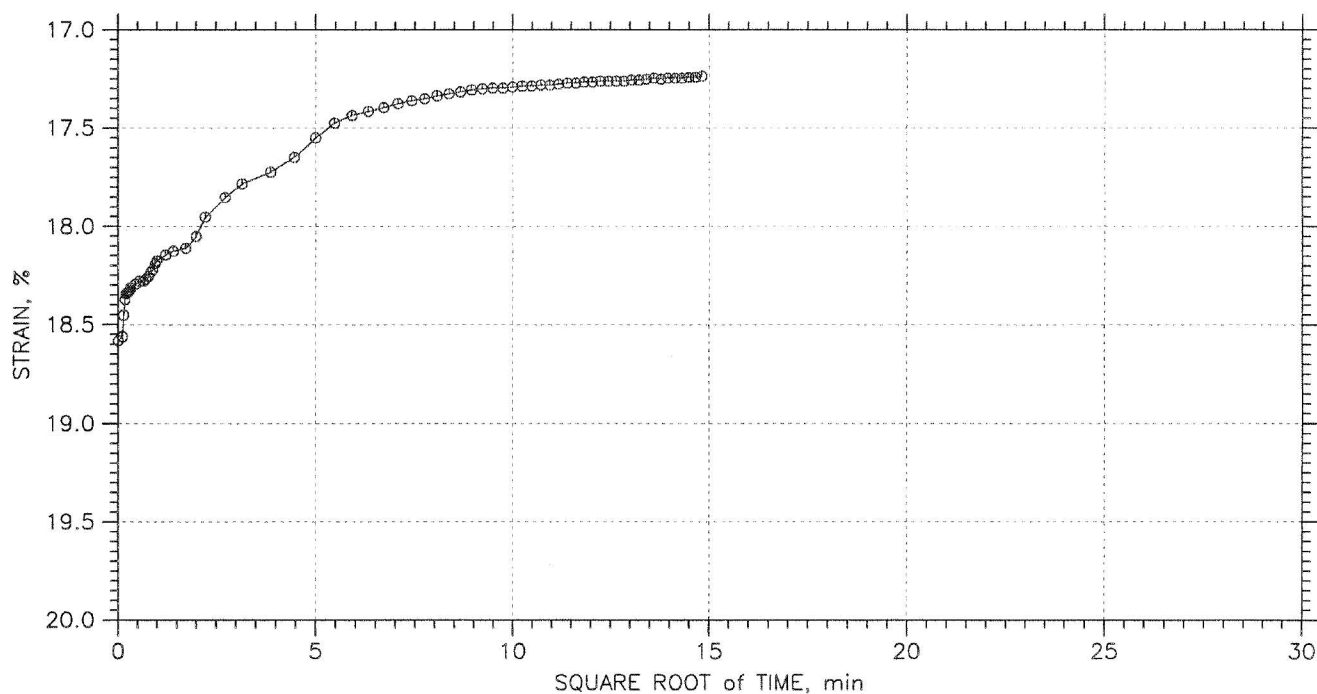
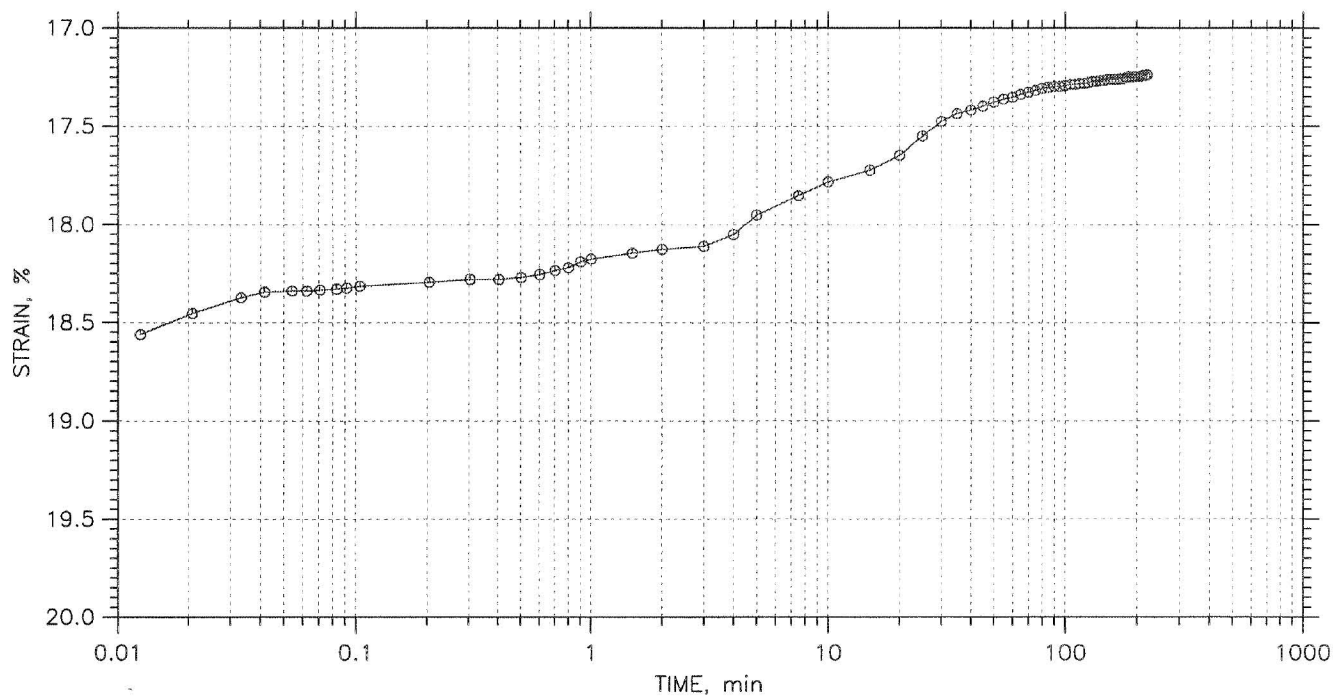
	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

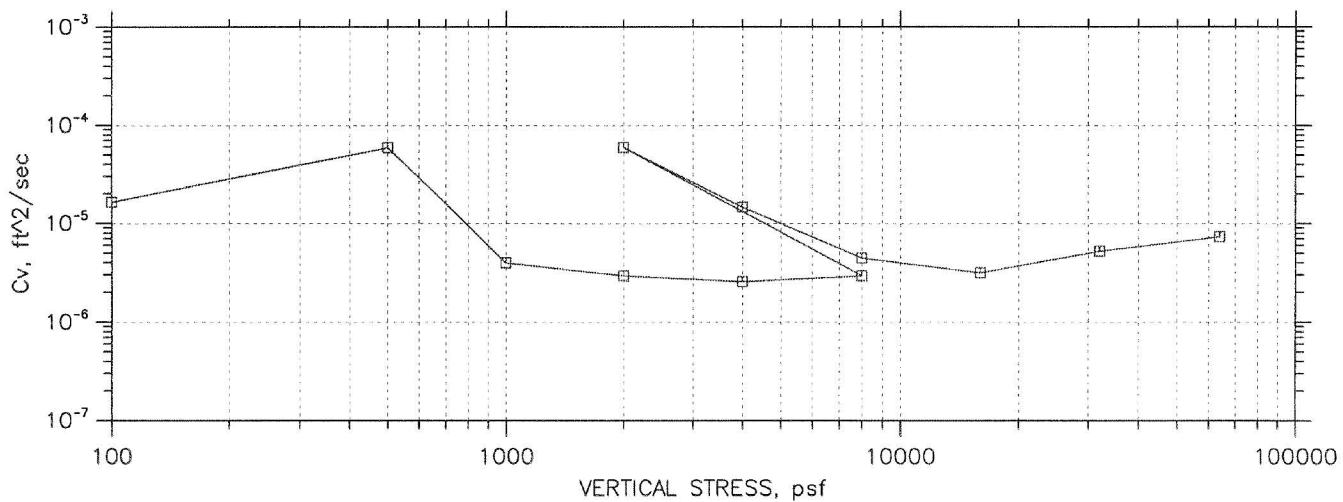
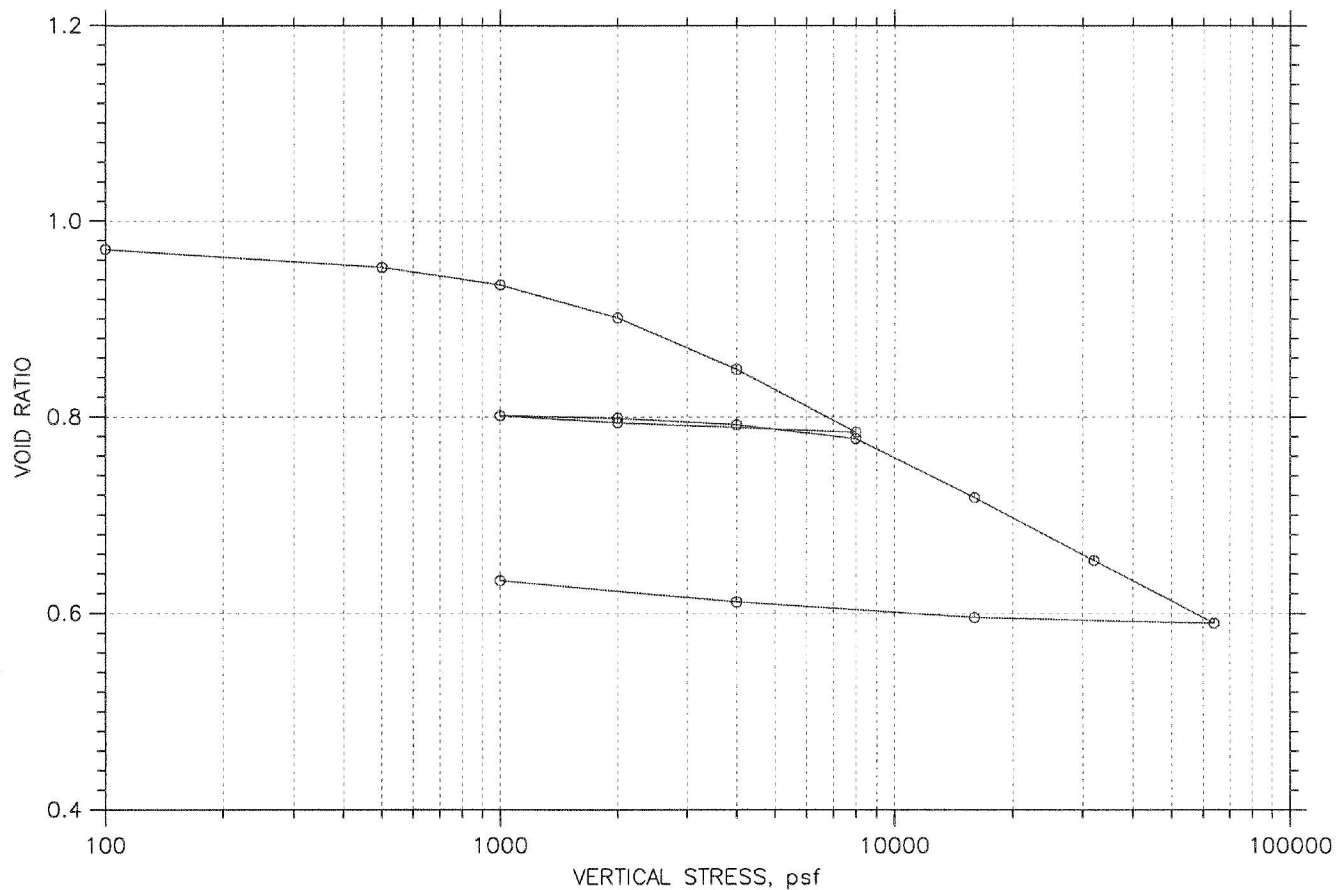
Constant Load Step: 17 of 17

Stress: 1000. psf



MACTEC	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

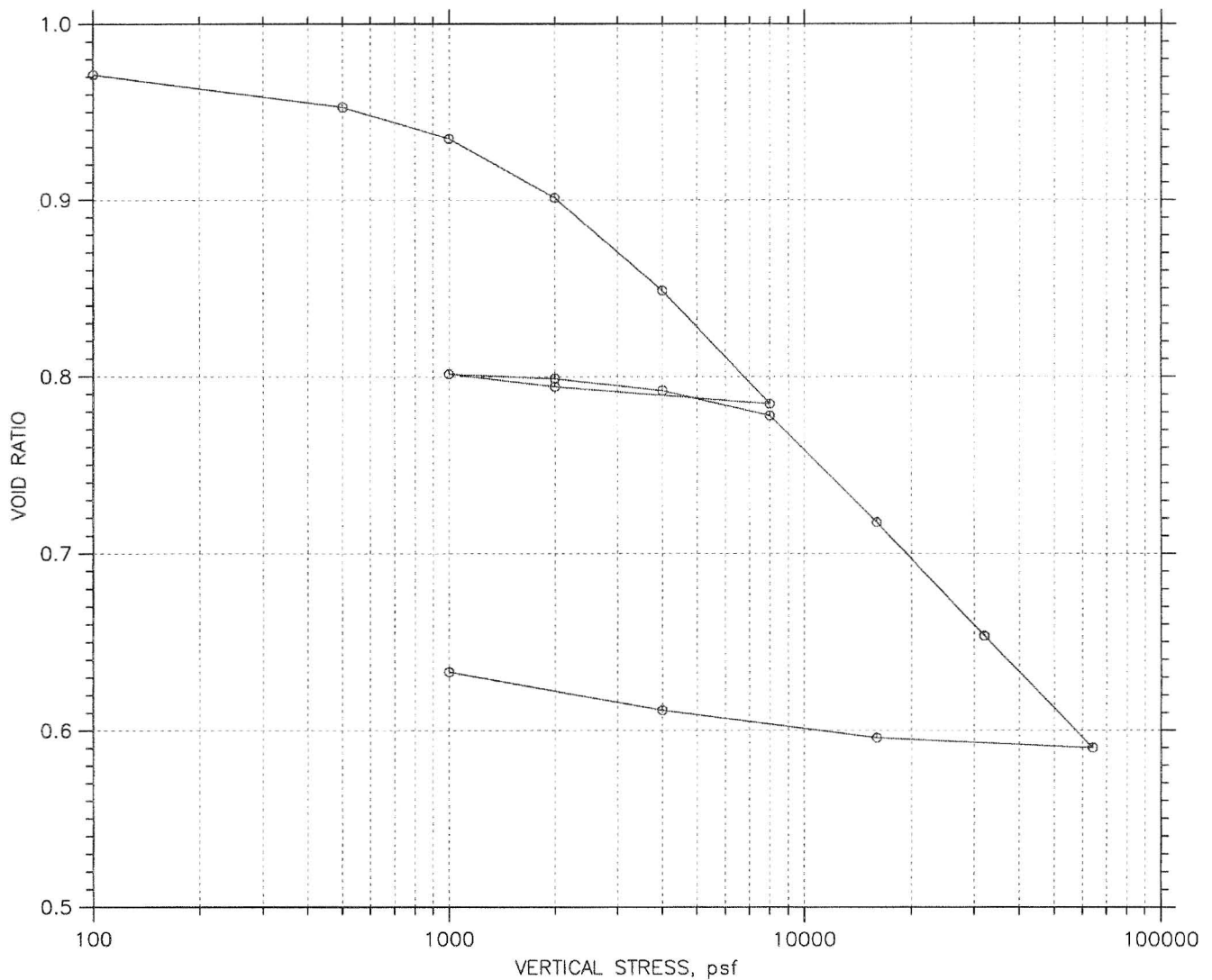
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565	Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 0 psf			Water Content, %	34.26	24.89	
Preconsolidation Pressure: 0 psf			Dry Unit Weight, pcf	85.42	103.2	
Compression Index: 0			Saturation, %	95.05	106.17	
Diameter: 2.5 in		Height: 1 in		Void Ratio	0.97	0.63
LL: ---	PL: ---	PI: ---	GS: 2.70			

MACTEC	Project: Vogtle COL		Location: B-4003	Project No.: 6141060286
	Boring No.: B-4003		Tested By: HJ	Checked By: JW
	Sample No.: UD-2		Test Date: 6/8/07	Depth: 136.00'
	Test No.: 7565		Sample Type: Undisturbed	Elevation: 82.99'
	Description: SILT (ML) (Visual)			
	Remarks:			

CONSOLIDATION TEST DATA

Project: Vogtle COL
Boring No.: B-4003
Sample No.: UD-2
Test No.: 7565

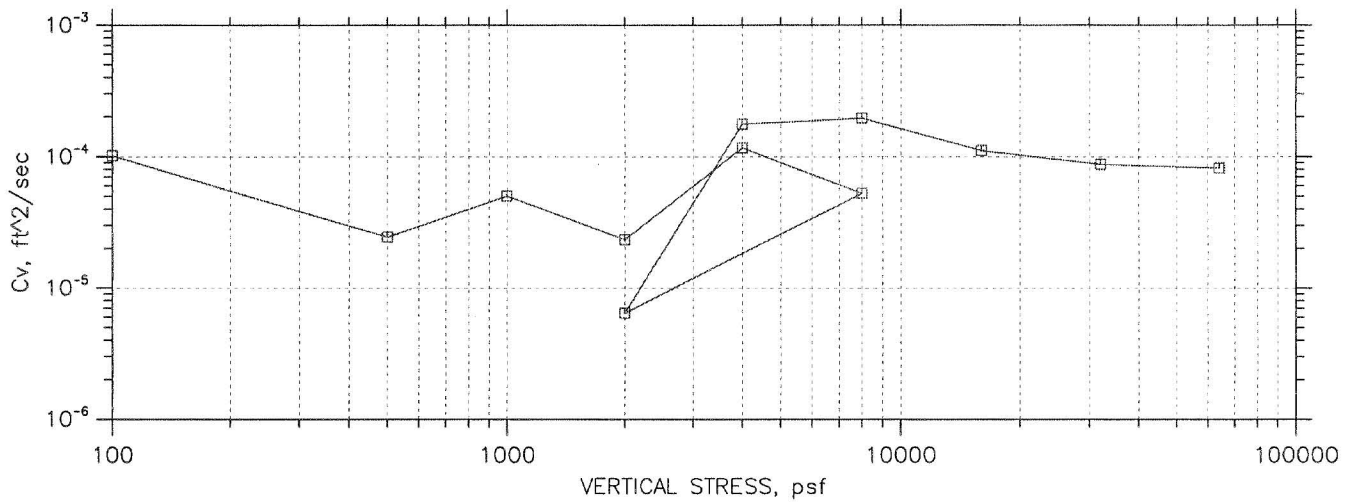
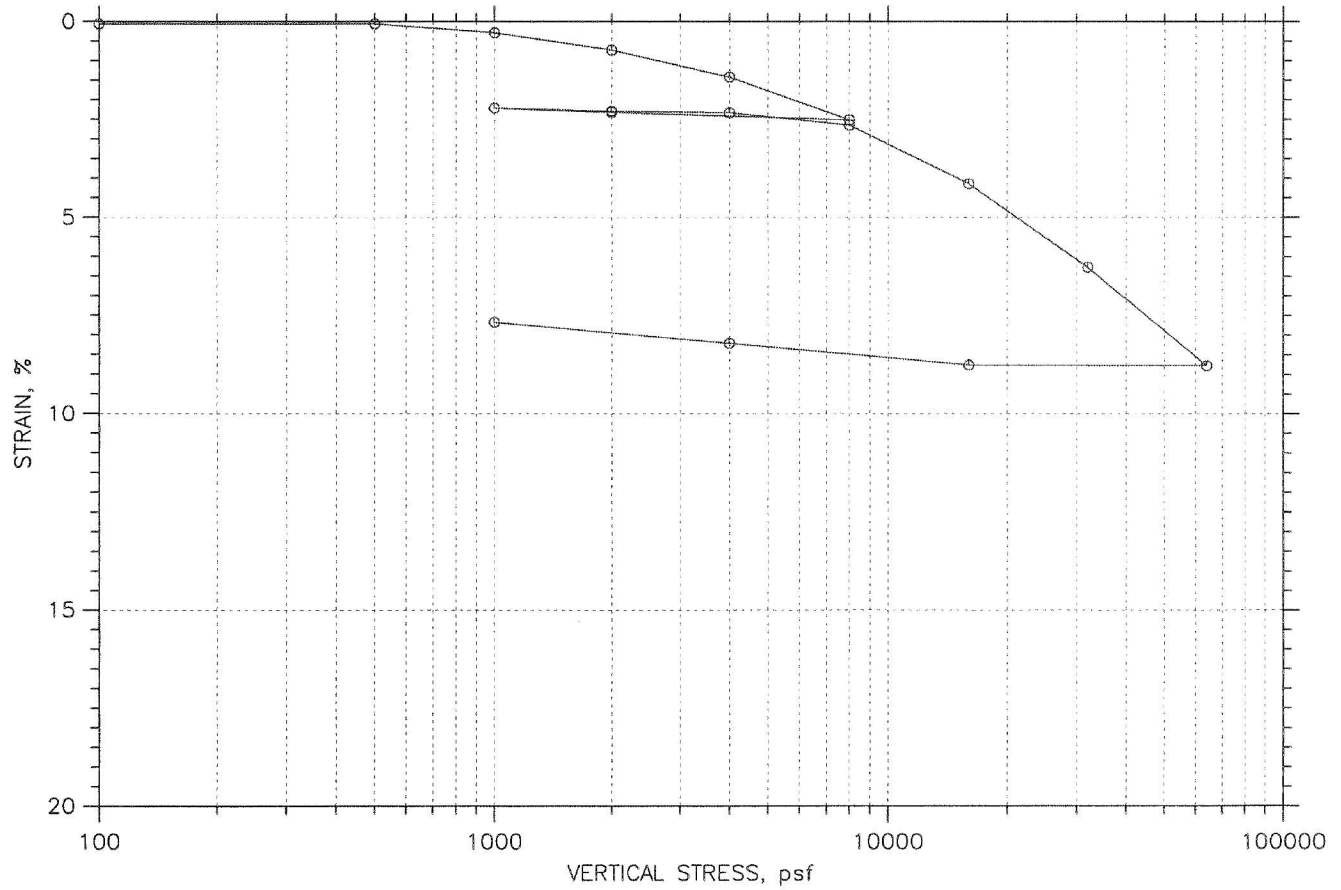
Location: B-4003
Tested By: HJ
Test Date: 6/8/07
Sample Type: Undisturbed

Project No.: 6141060286
Checked By: JW
Depth: 136.00'
Elevation: 82.99'

Soil Description: SILT (ML) (Visual)
Remarks:

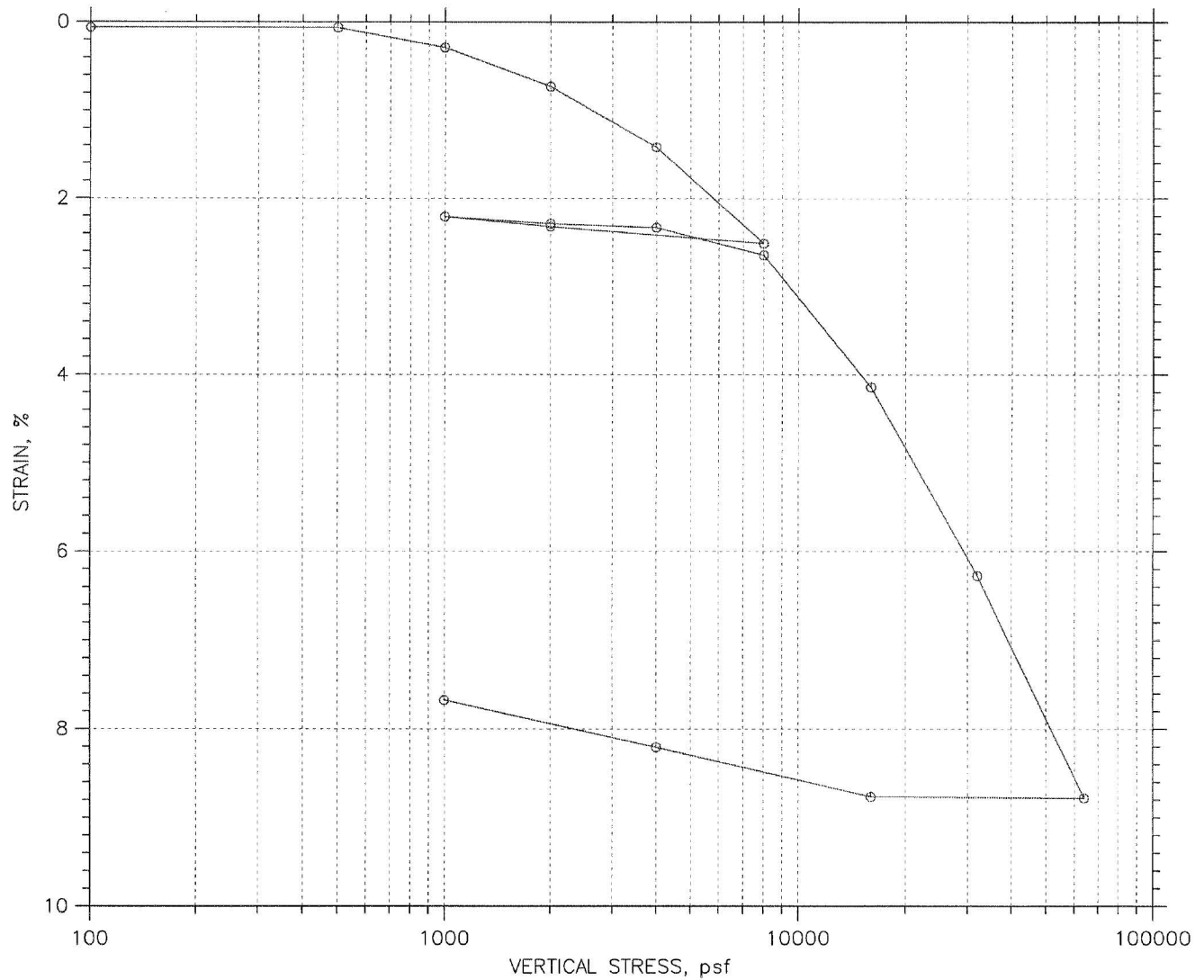
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Sq.Rt. min	Fitting Log min	Coefficient of Consolidation		
							Sq.Rt. ft^2/sec	Log ft^2/sec	Ave. ft^2/sec
1	100	0.0009713	0.971	0.10	0.4	0.3	1.57e-005	1.73e-005	1.65e-005
2	500	0.01036	0.953	1.04	0.1	0.1	6.04e-005	5.76e-005	5.90e-005
3	1e+003	0.01941	0.935	1.94	1.6	1.2	3.52e-006	4.56e-006	3.97e-006
4	2e+003	0.03651	0.901	3.65	2.2	1.5	2.46e-006	3.66e-006	2.94e-006
5	4e+003	0.06318	0.849	6.32	2.2	1.8	2.33e-006	2.81e-006	2.55e-006
6	8e+003	0.09554	0.785	9.55	1.8	1.5	2.70e-006	3.23e-006	2.94e-006
7	2e+003	0.09065	0.794	9.06	0.3	0.0	1.65e-005	0.00e+000	1.65e-005
8	1e+003	0.08703	0.801	8.70	2.7	1.4	1.74e-006	3.39e-006	2.30e-006
9	2e+003	0.08837	0.799	8.84	0.1	0.0	5.95e-005	0.00e+000	5.95e-005
10	4e+003	0.09178	0.792	9.18	0.4	0.3	1.33e-005	1.61e-005	1.46e-005
11	8e+003	0.09892	0.778	9.89	1.1	0.0	4.44e-006	0.00e+000	4.44e-006
12	1.6e+004	0.1295	0.718	12.95	1.6	1.3	2.86e-006	3.51e-006	3.16e-006
13	3.2e+004	0.1621	0.653	16.21	1.0	0.6	4.26e-006	6.71e-006	5.21e-006
14	6.4e+004	0.1942	0.590	19.42	0.7	0.3	5.41e-006	1.13e-005	7.30e-006
15	1.6e+004	0.1913	0.596	19.13	0.0	0.0	1.63e-004	0.00e+000	1.63e-004
16	4e+003	0.1833	0.611	18.33	0.4	0.2	8.81e-006	1.73e-005	1.17e-005
17	1e+003	0.1724	0.633	17.24	6.5	5.8	5.92e-007	6.66e-007	6.27e-007

CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW <i>JW 10/30/07</i>
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks:		

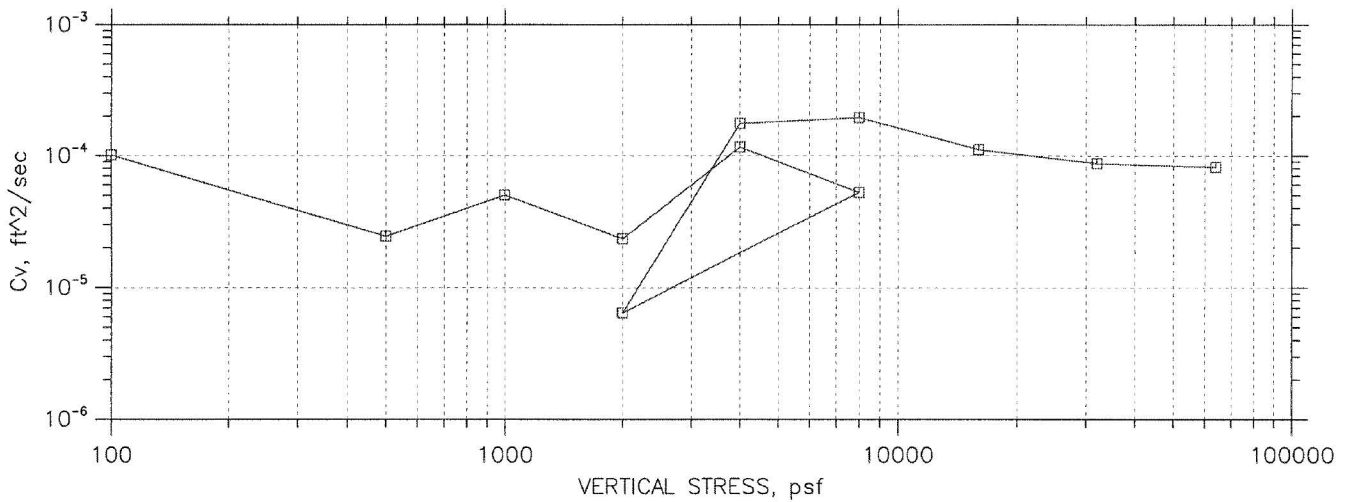
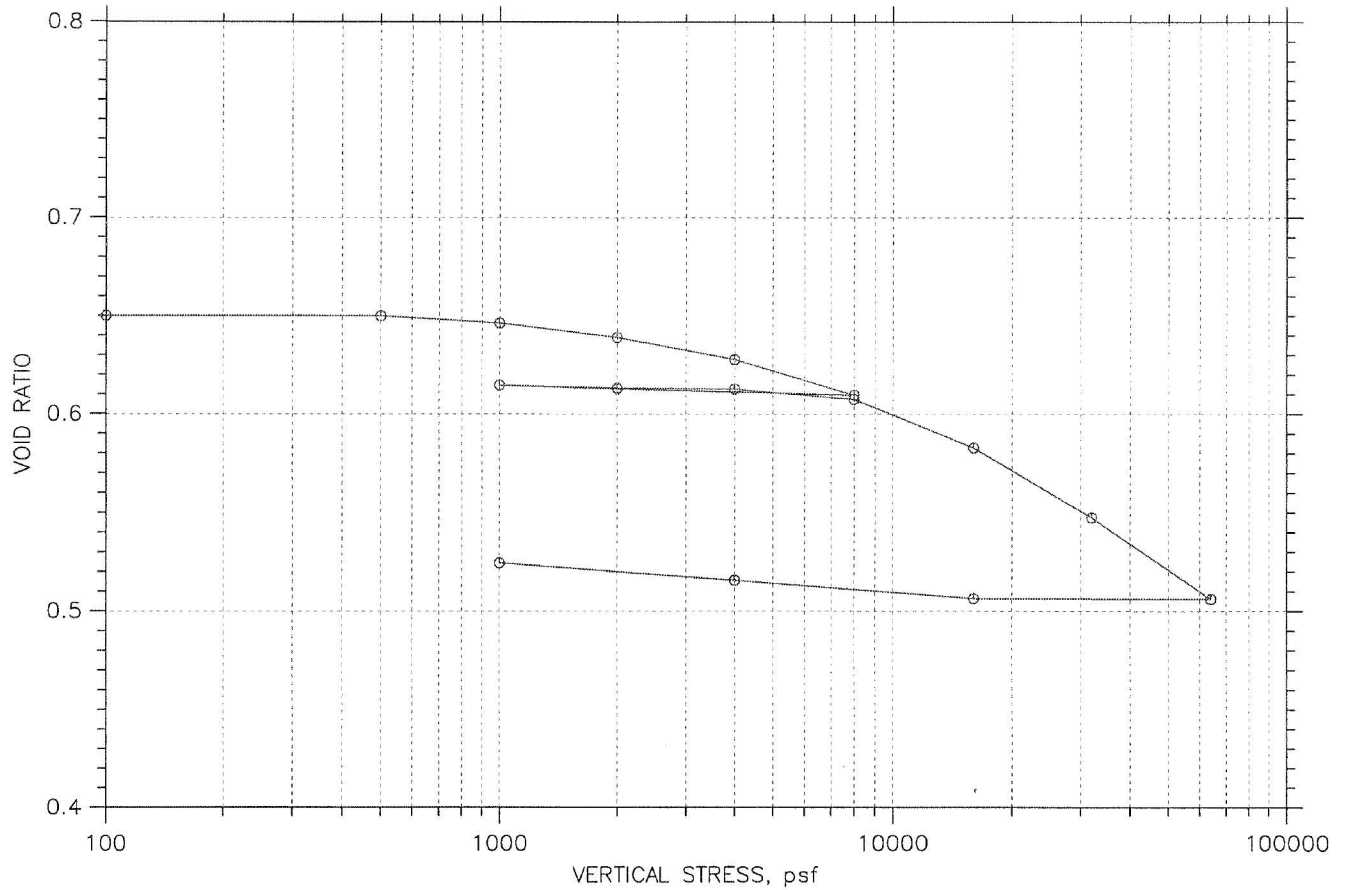
CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 1.13e+004 psf				Water Content, %	18.82	19.19
Preconsolidation Pressure: 0 psf				Dry Unit Weight, pcf	102.1	110.6
Compression Index: 0.13				Saturation, %	78.02	98.80
Diameter: 2.5 in		Height: 1 in		Void Ratio	0.65	0.52
LL: 53	PL: 27	PI: 26	GS: 2.70			

MACTEC	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW <i>SW 10/30/07</i>
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks: Cr= 0.009		

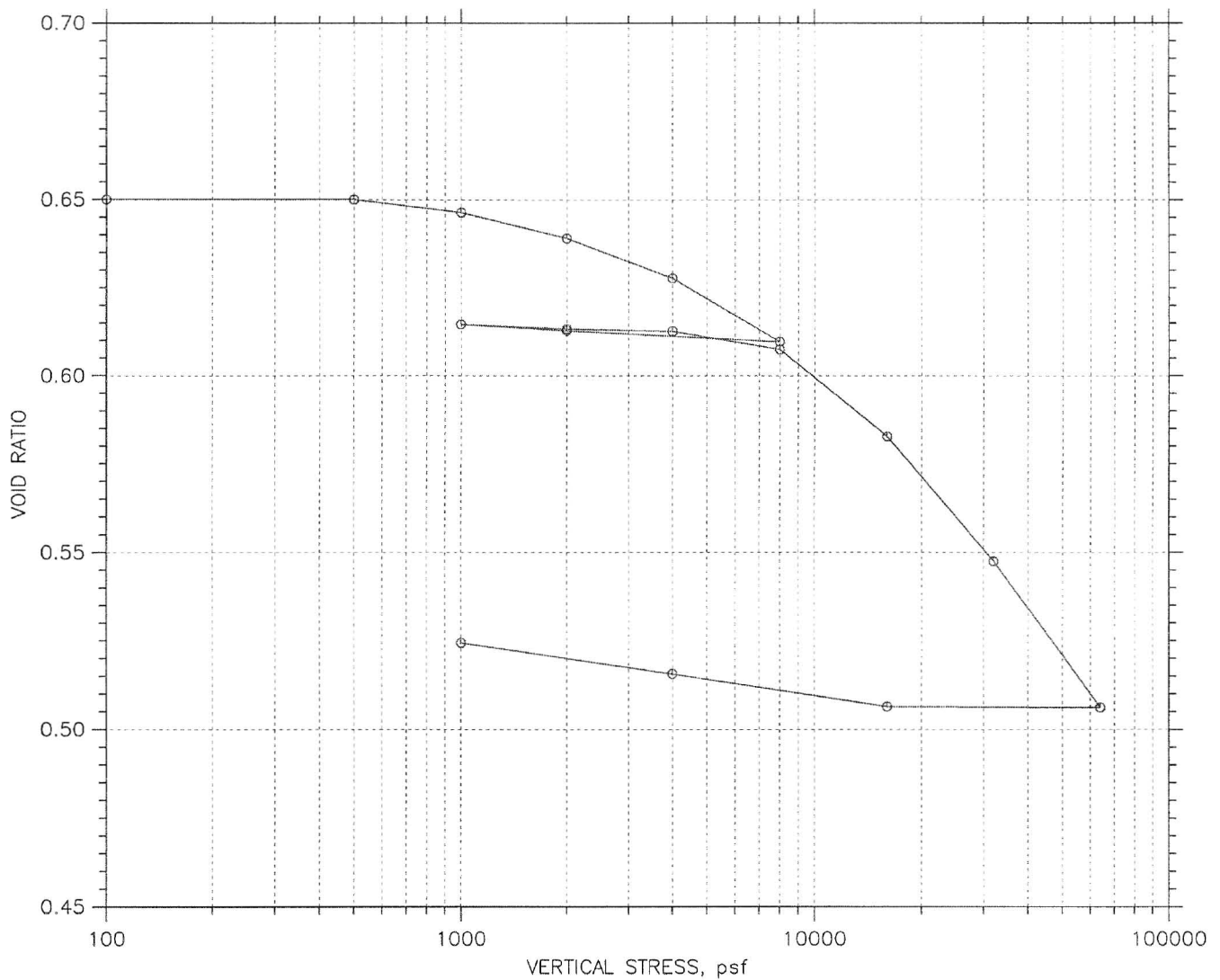
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW <i>JW 10/30/07</i>
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks: Cr= 0.009		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 1.13e+004 psf				Water Content, %	18.82	19.19
Preconsolidation Pressure: 0 psf				Dry Unit Weight, pcf	102.1	110.6
Compression Index: 0.13				Saturation, %	78.02	98.80
Diameter: 2.5 in		Height: 1 in		Void Ratio	0.65	0.52
LL: 53	PL: 27	PI: 26	GS: 2.70			

MACTEC	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW <i>JW 10/30/07</i>
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks: Cr= 0.009		

CONSOLIDATION TEST DATA

Project: Vogtle COL
Boring No.: B-4007
Sample No.: UD-2
Test No.: 7569

Location: B-4007
Tested By: HJ
Test Date: 6/08/07
Sample Type: Undisturbed

Project No.: 6141060286
Checked By: JW
Depth: 118.50'
Elevation: 99.40'

Soil Description: CLAY, sandy (CH)
Remarks: Cr= 0.009

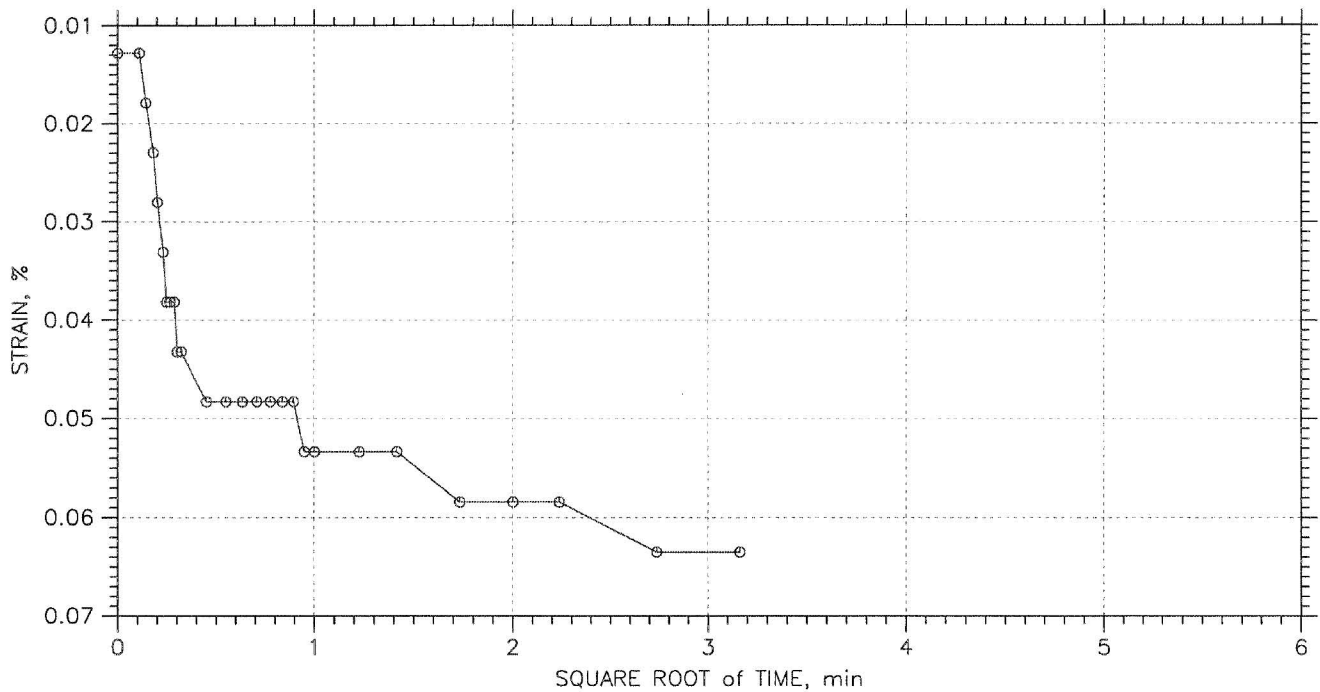
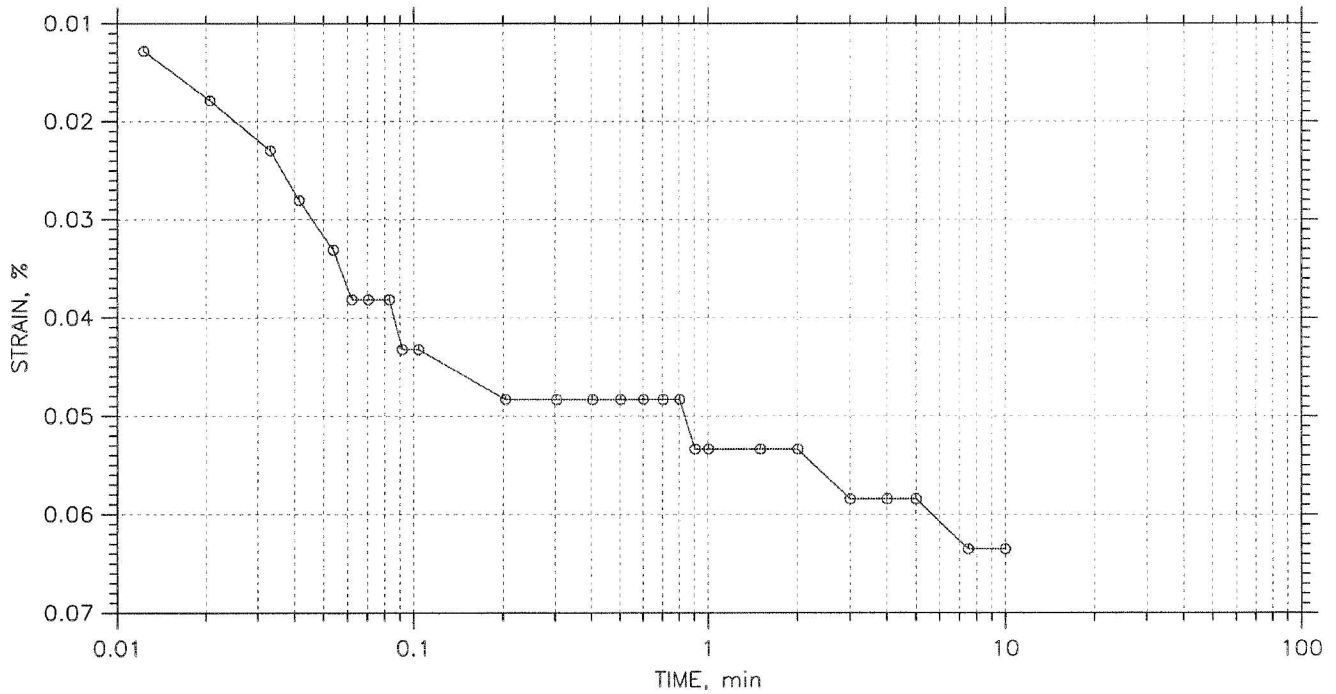
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.0006351	0.650	0.06	0.1	0.0	1.02e-004	0.00e+000	1.02e-004
2	500	0.0006429	0.650	0.06	0.3	0.1	1.70e-005	4.37e-005	2.45e-005
3	1e+003	0.00288	0.646	0.29	0.1	0.1	3.83e-005	7.32e-005	5.03e-005
4	2e+003	0.007294	0.639	0.73	0.4	0.1	1.32e-005	1.04e-004	2.34e-005
5	4e+003	0.01417	0.628	1.42	0.1	0.0	1.08e-004	1.26e-004	1.16e-004
6	8e+003	0.02513	0.610	2.51	0.2	0.0	3.17e-005	1.56e-004	5.27e-005
7	2e+003	0.0232	0.613	2.32	0.0	0.0	2.81e-004	0.00e+000	2.81e-004
8	1e+003	0.02208	0.615	2.21	0.1	0.0	7.96e-005	0.00e+000	7.96e-005
9	2e+003	0.0229	0.613	2.29	0.8	0.0	6.46e-006	0.00e+000	6.46e-006
10	4e+003	0.02331	0.613	2.33	0.0	0.0	1.77e-004	0.00e+000	1.77e-004
11	8e+003	0.02645	0.607	2.65	0.0	0.0	1.95e-004	0.00e+000	1.95e-004
12	1.6e+004	0.04144	0.583	4.14	0.1	0.0	8.12e-005	1.77e-004	1.11e-004
13	3.2e+004	0.06278	0.547	6.28	0.1	0.0	5.79e-005	1.79e-004	8.75e-005
14	6.4e+004	0.08781	0.506	8.78	0.1	0.0	5.50e-005	1.61e-004	8.20e-005
15	1.6e+004	0.08766	0.506	8.77	0.0	0.0	1.61e-004	0.00e+000	1.61e-004
16	4e+003	0.08209	0.516	8.21	0.0	0.0	2.43e-004	2.00e-004	2.19e-004
17	1e+003	0.07677	0.524	7.68	0.2	0.0	2.02e-005	0.00e+000	2.02e-005

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 17

Stress: 100. psf



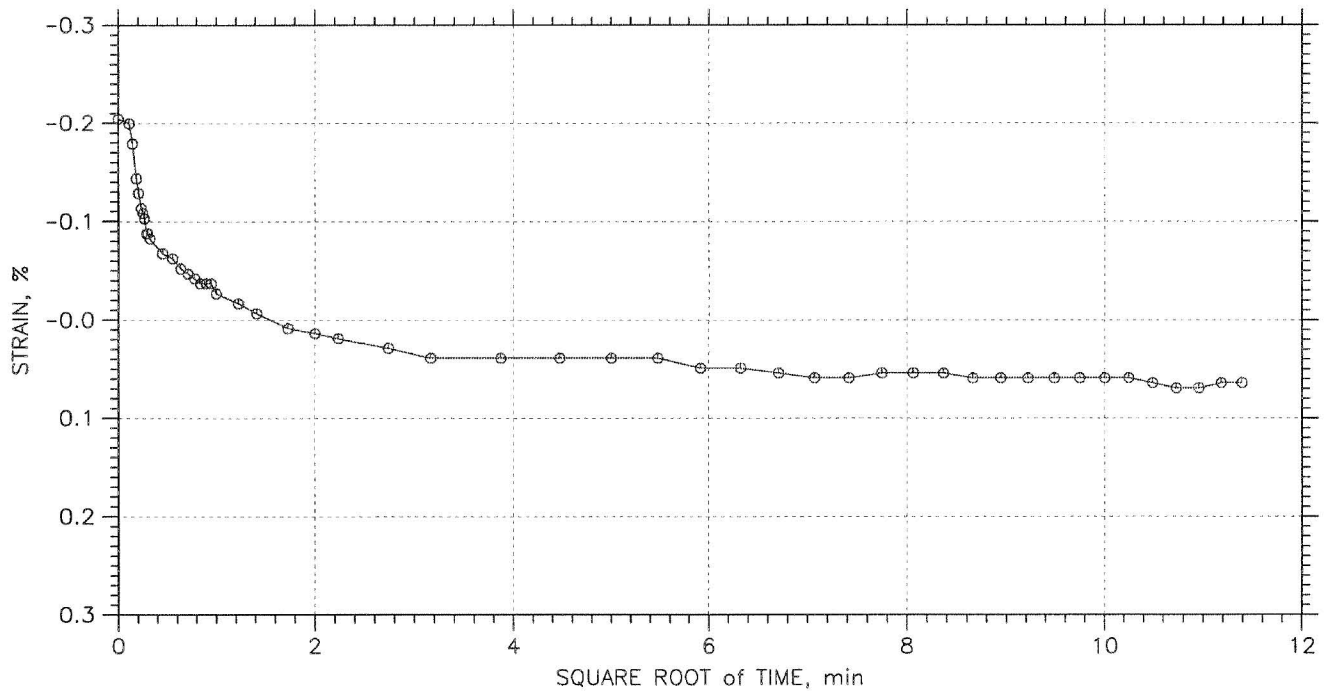
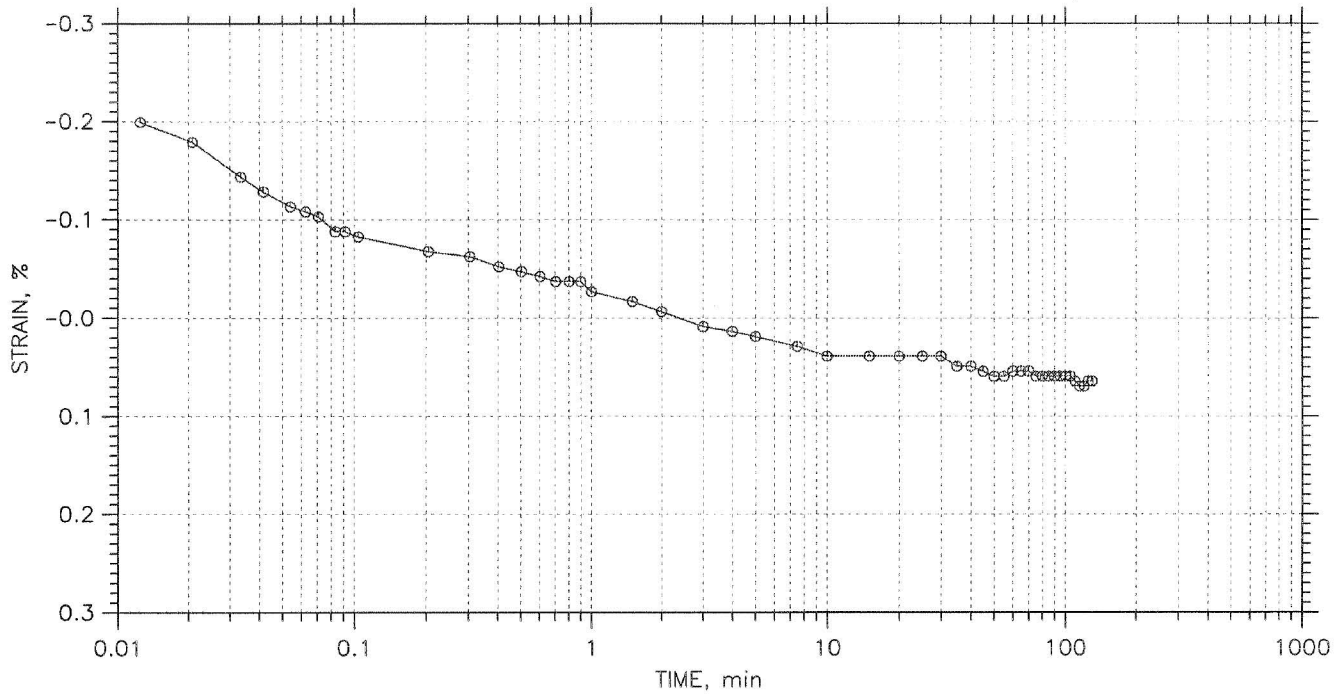
MACTEC	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 17

Stress: 500. psf



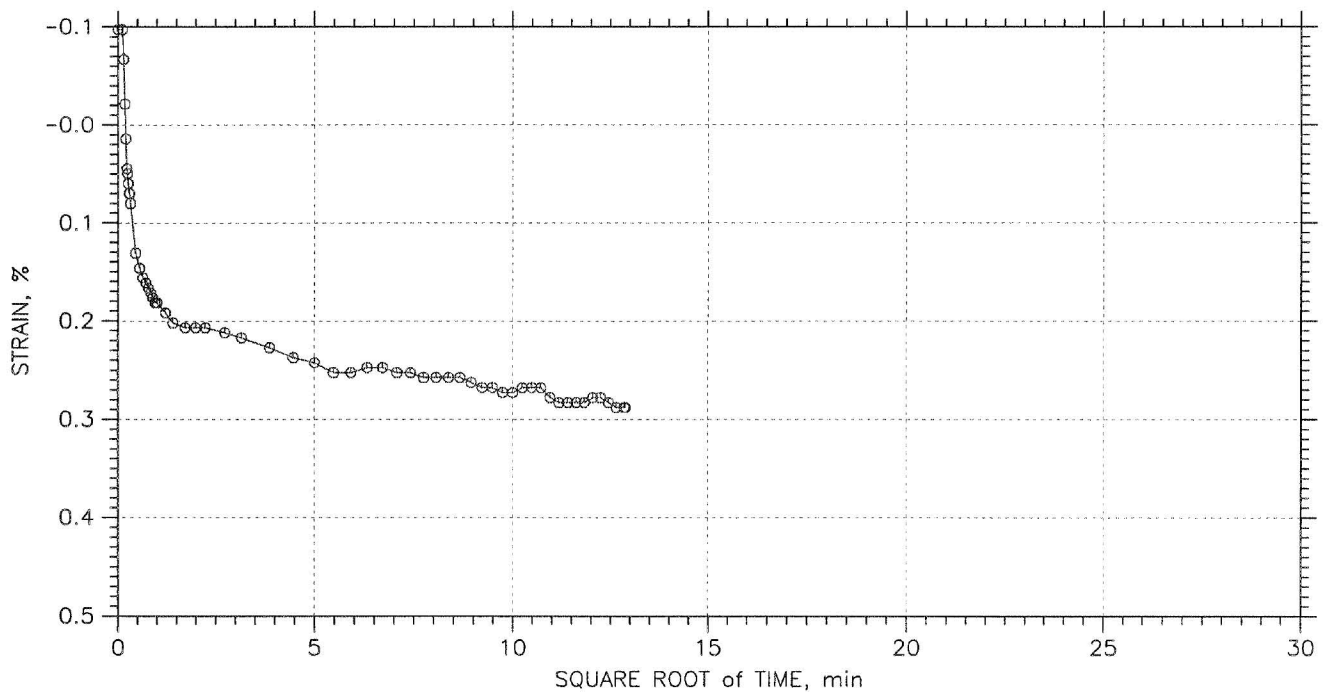
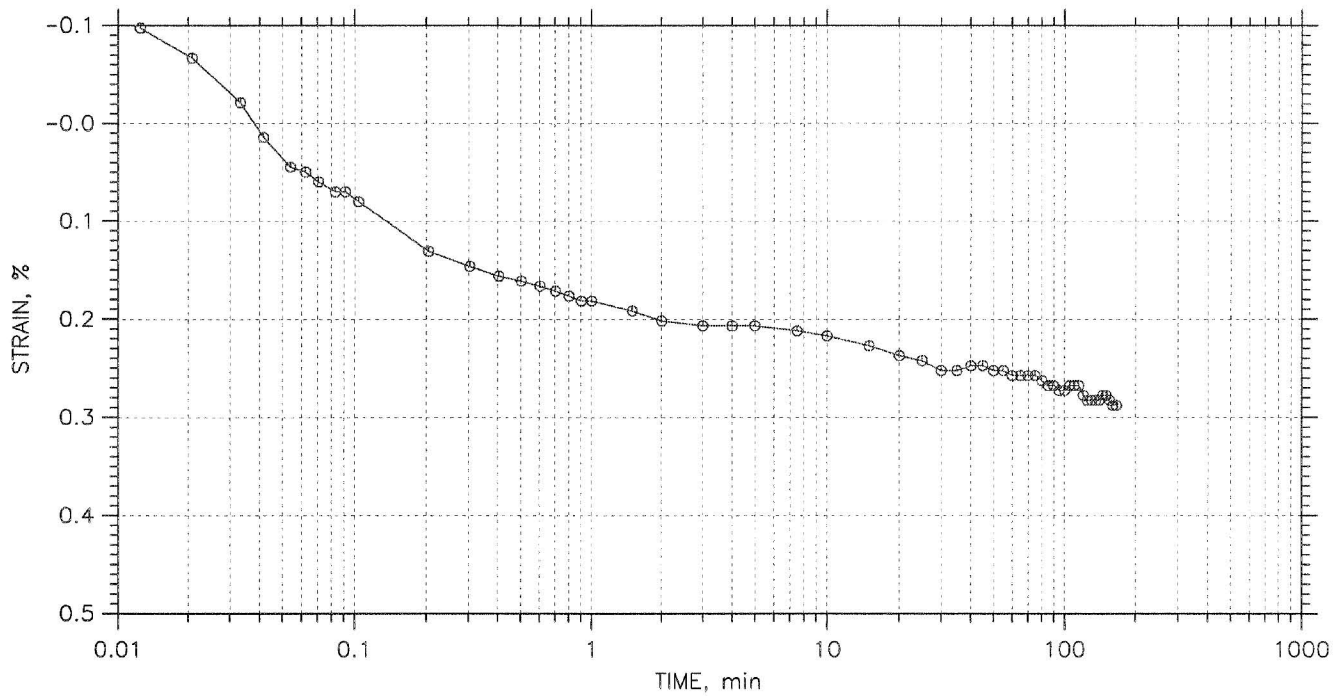
	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 17

Stress: 1000. psf



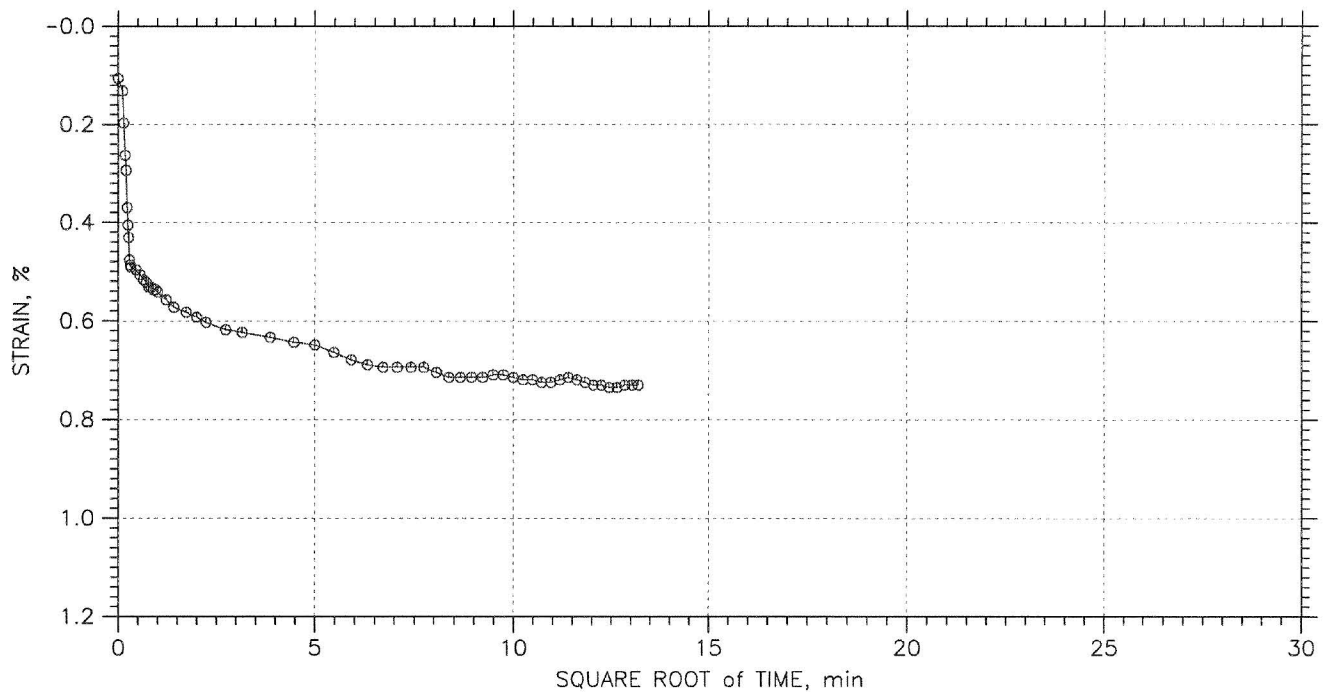
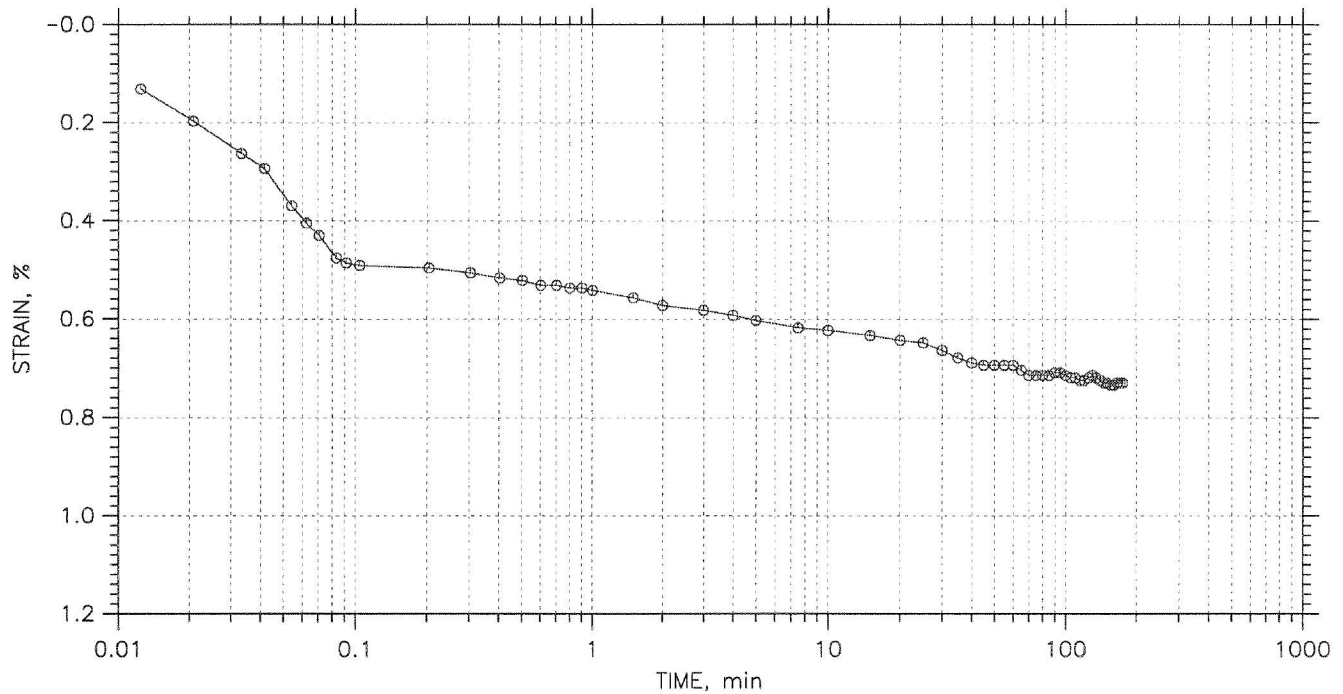
MACTEC	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 17

Stress: 2000. psf



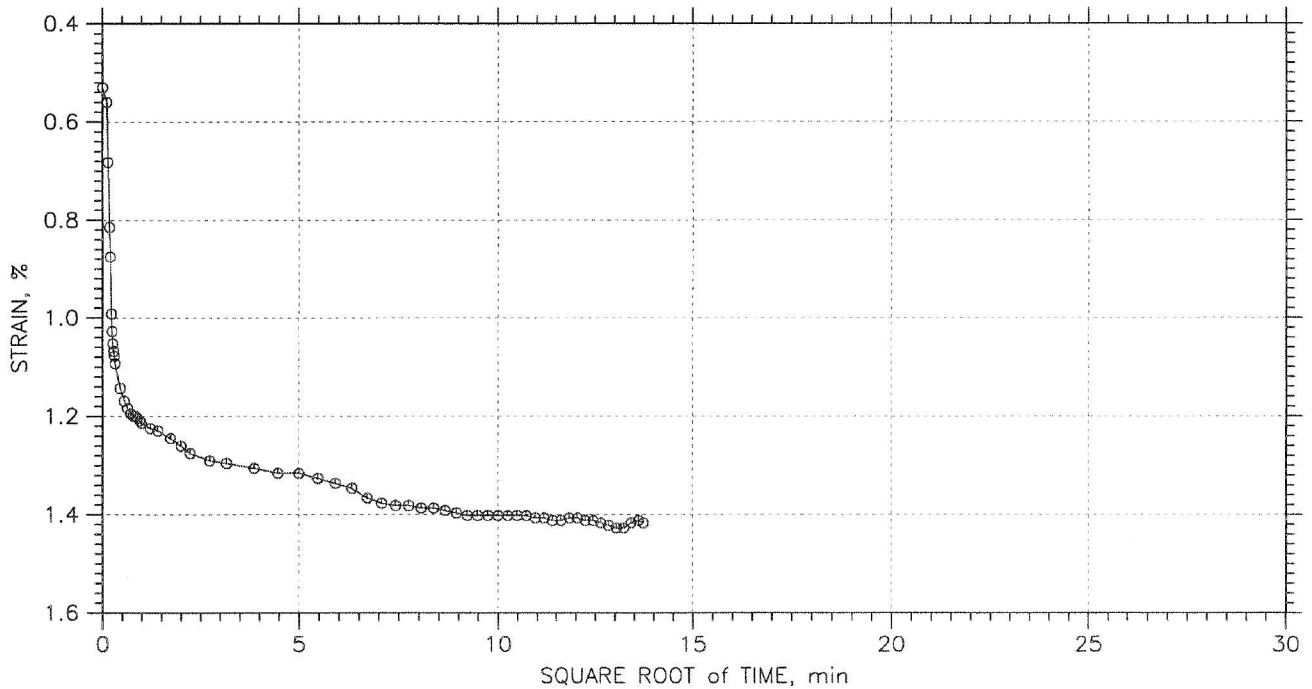
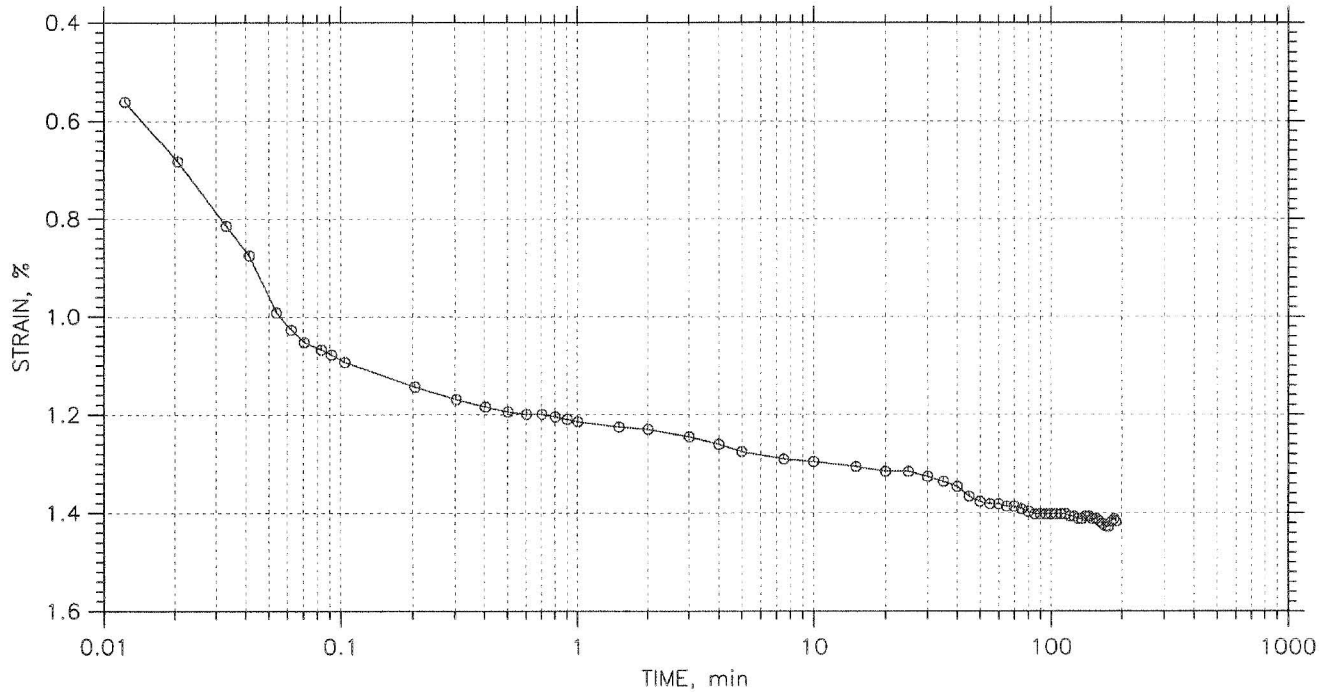
MACTEC	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 17

Stress: 4000. psf



	Project: Vogtle COL	Location: B-4007	Project No.: 6141060286
	Boring No.: B-4007	Tested By: HJ	Checked By: JW
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 118.50'
	Test No.: 7569	Sample Type: Undisturbed	Elevation: 99.40'
	Description: CLAY, sandy (CH)		
	Remarks:		