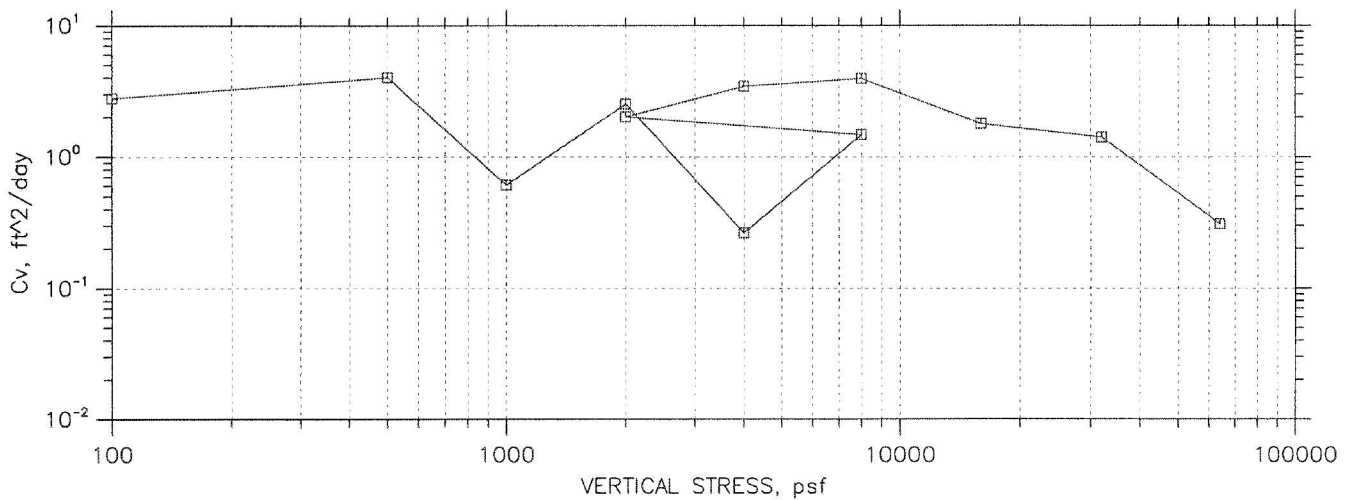
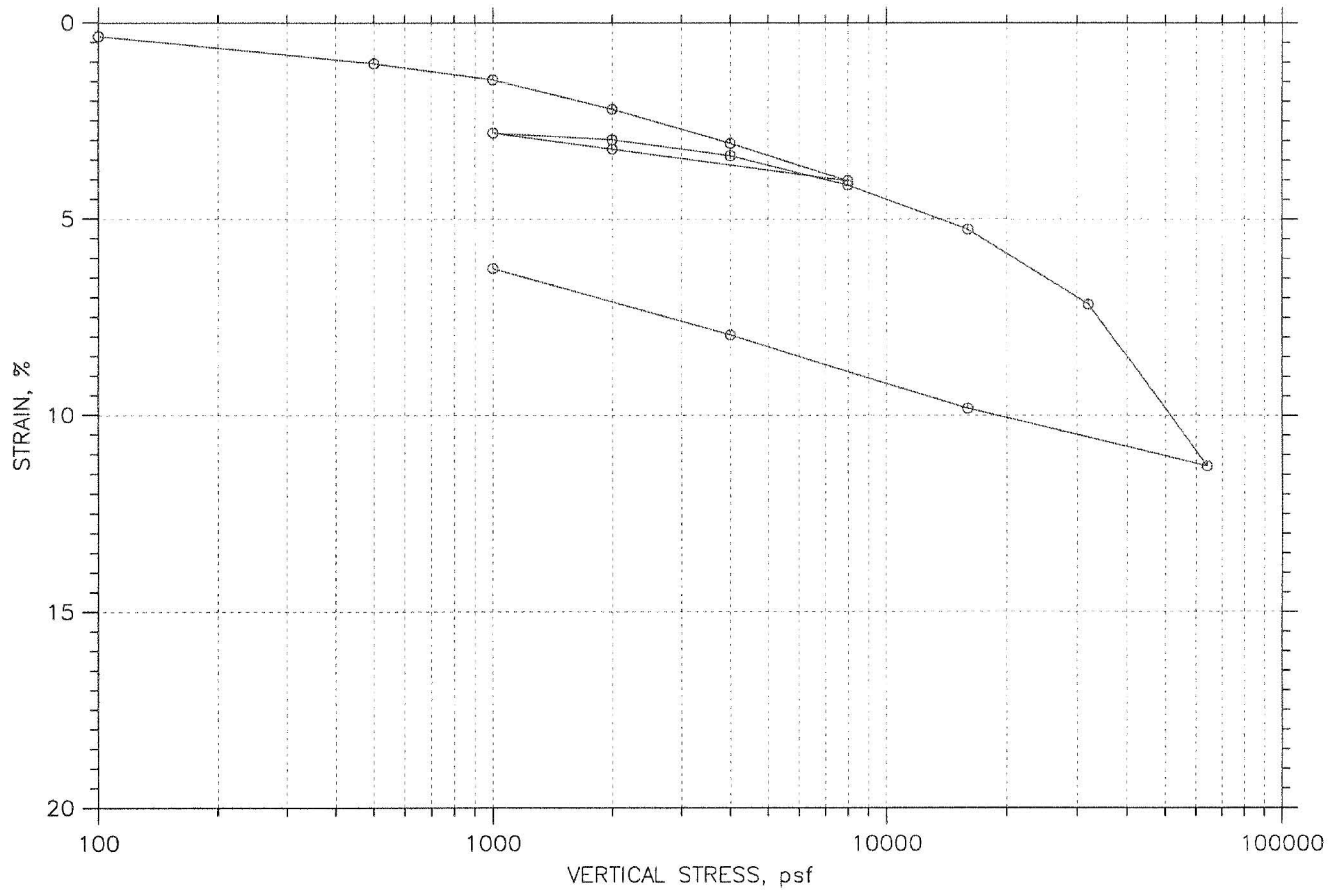
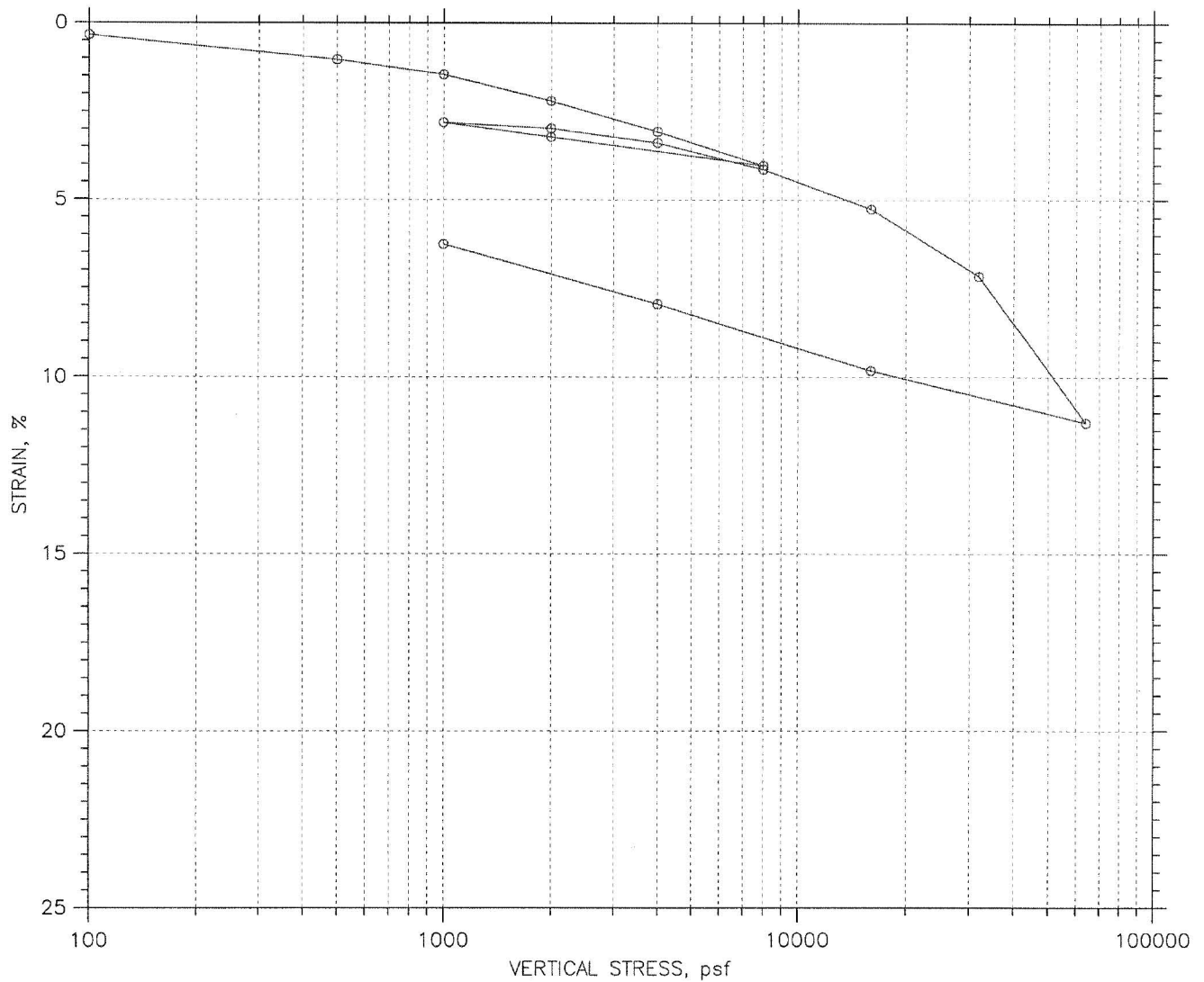


CONSOLIDATION TEST DATA SUMMARY REPORT



	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ <i>HJ 10/30/07</i>
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

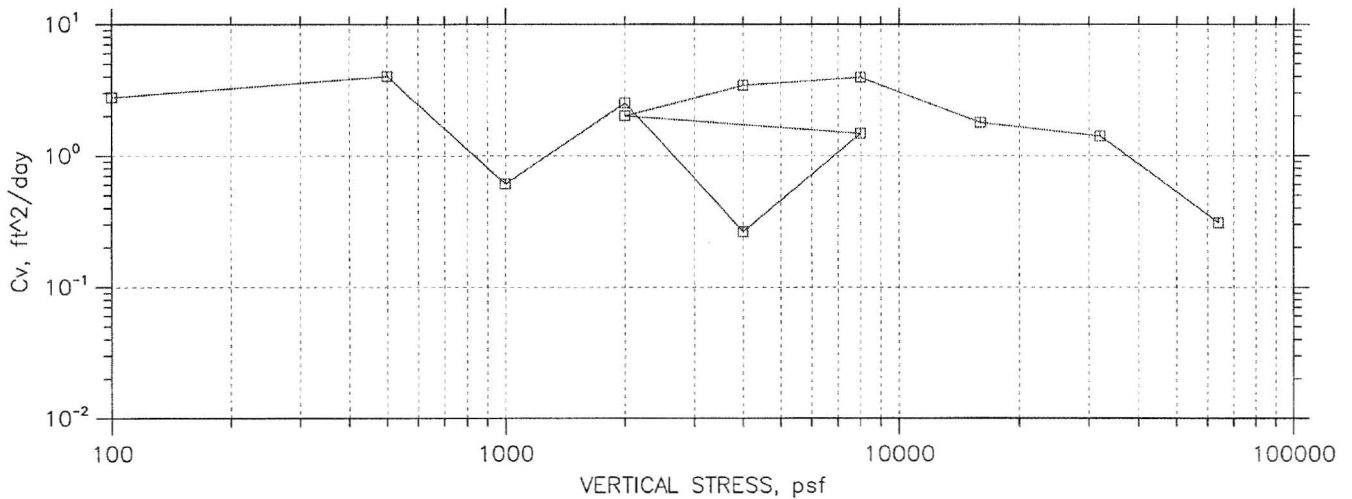
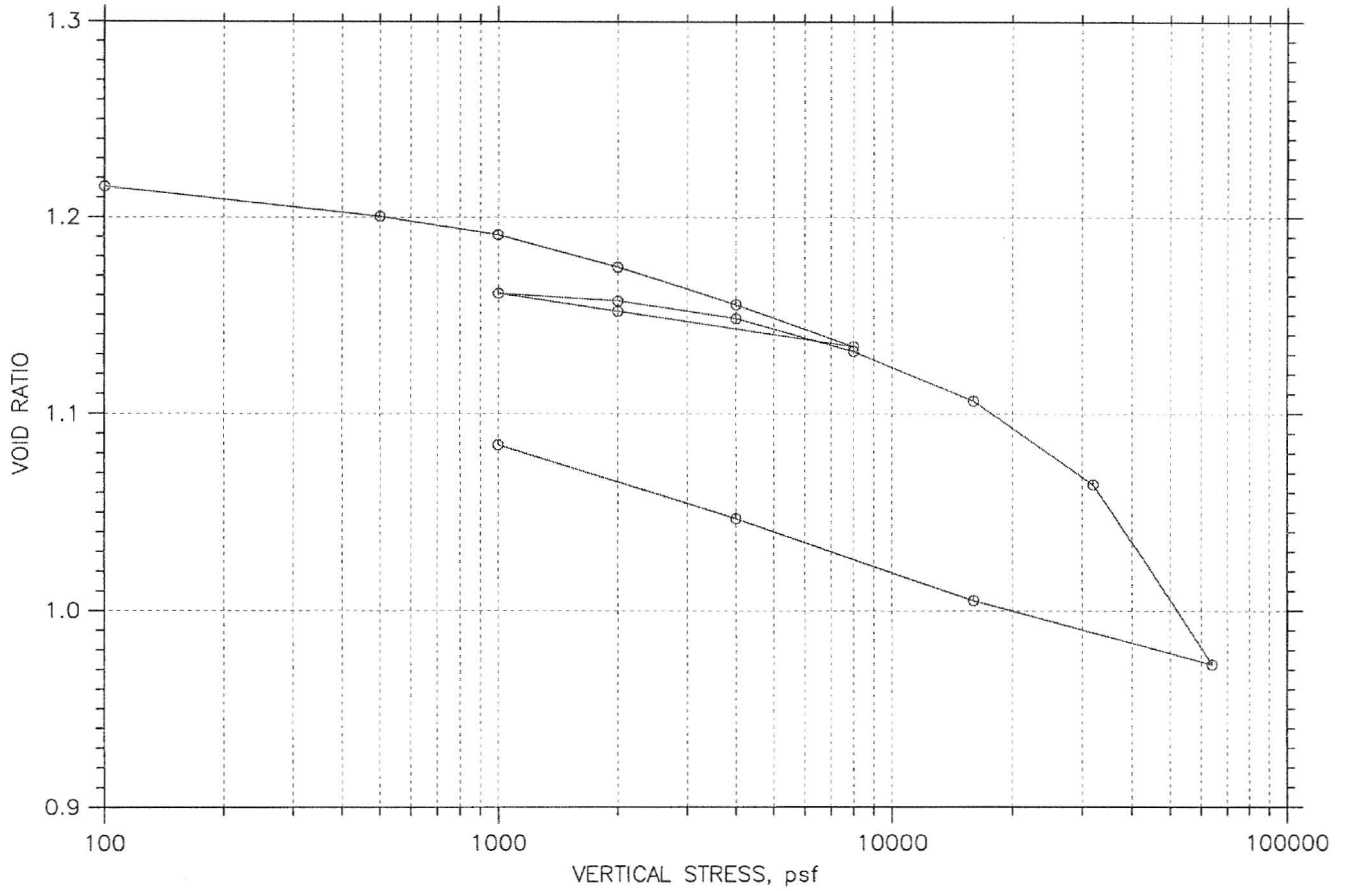
CONSOLIDATION TEST DATA SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 9700 psf				42.49	42.60
Preconsolidation Pressure: 0 psf				75.81	80.87
Compression Index: 0.22				93.76	106.08
Diameter: 2.5 in		Height: 1 in		Void Ratio	
LL: 93		PL: 47		1.22	
PI: 46		GS: 2.70		1.08	

	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ 10/30/07
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks: Cr= 0.030		

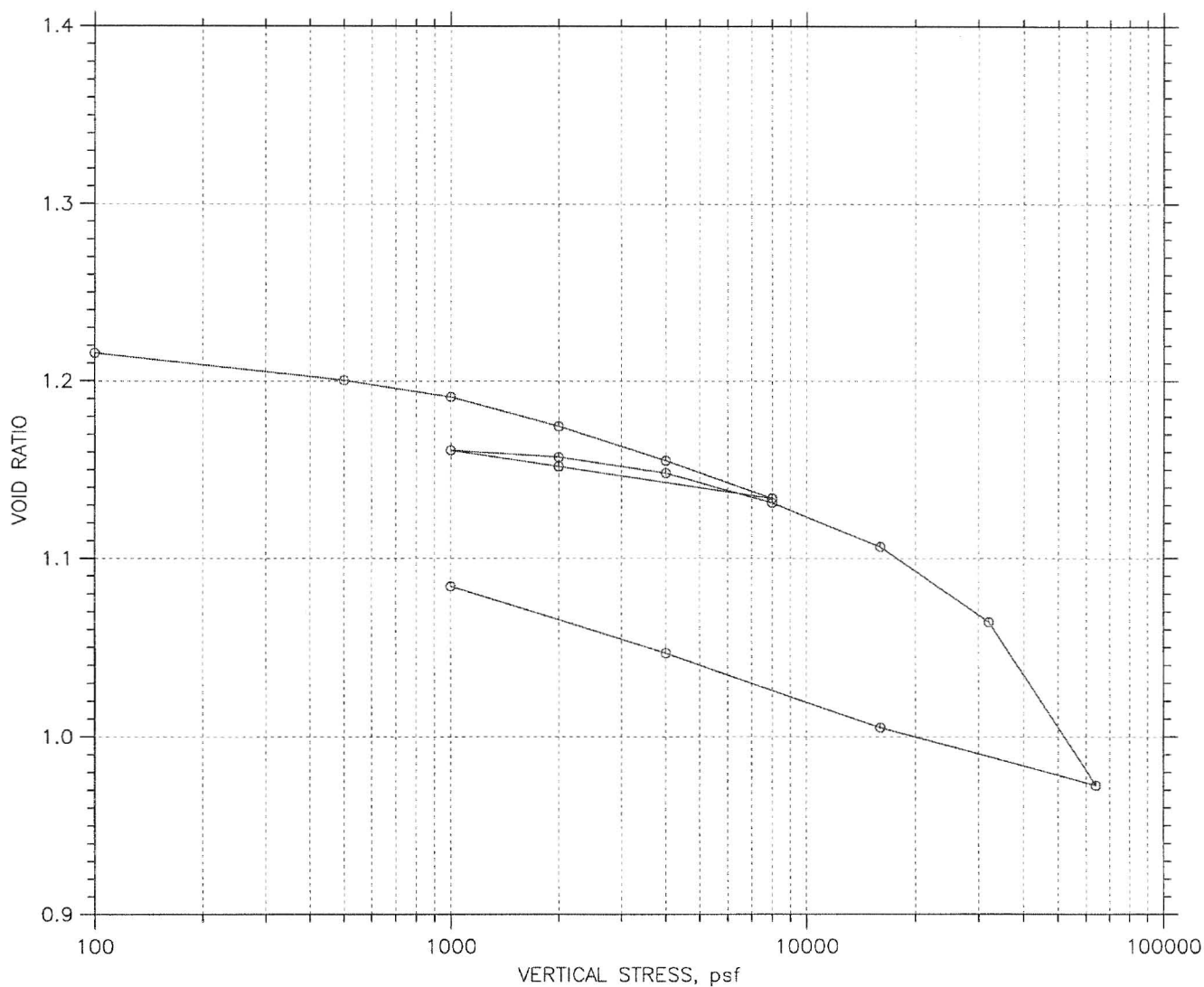
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ <i>10/20/07</i>
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks: Cr= 0.030		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 9700 psf				42.49	42.60
Preconsolidation Pressure: 0 psf				75.81	80.87
Compression Index: 0.22				93.76	106.08
Diameter: 2.5 in		Height: 1 in		Void Ratio	
LL: 93		PL: 47		1.22	
PI: 46		GS: 2.70		1.08	

MACTEC	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ <i>HJ 10/30/07</i>
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks: Cr= 0.030		

CONSOLIDATION TEST DATA

Project: Vogtle COL
Boring No.: B-3035
Sample No.: UD-1
Test No.: 7546

Location: B-3035
Tested By: BM
Test Date: 6/8/07
Sample Type: Undisturbed

Project No.: 6141060286
Checked By: HJ
Depth: 95.50'
Elevation: 123.84'

Soil Description: SILT (MH)
Remarks: Cr= 0.030

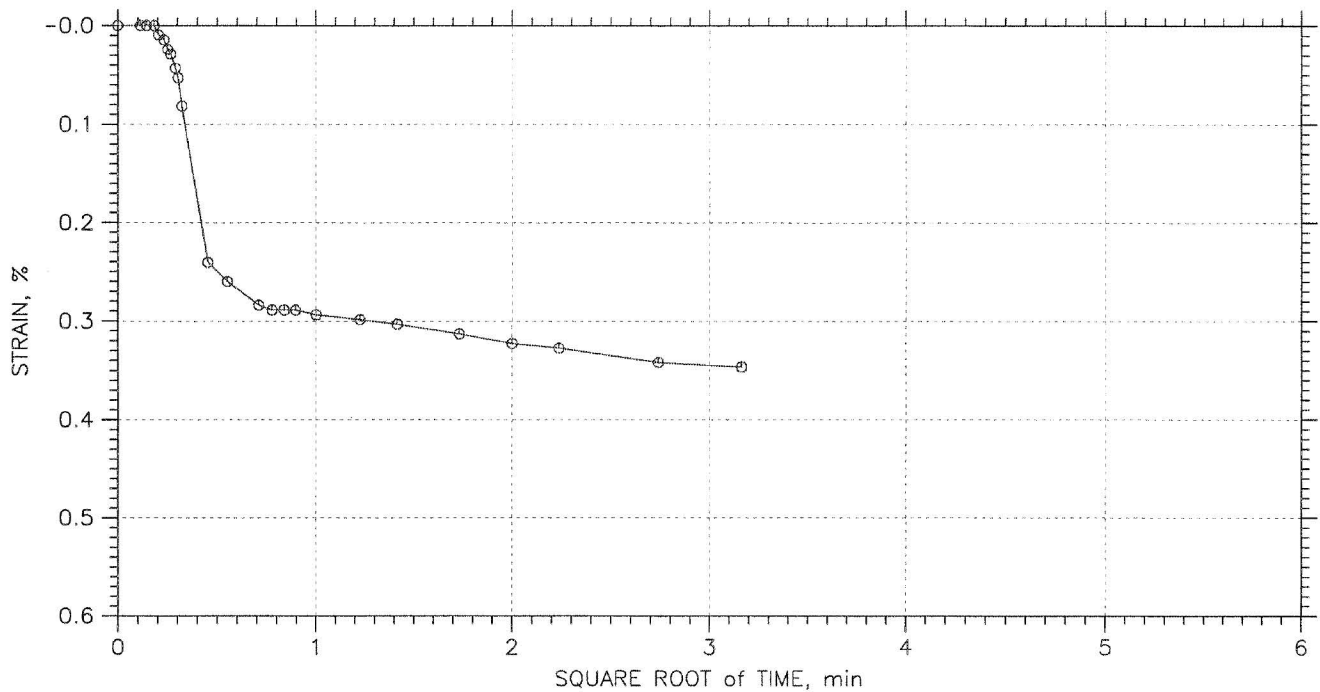
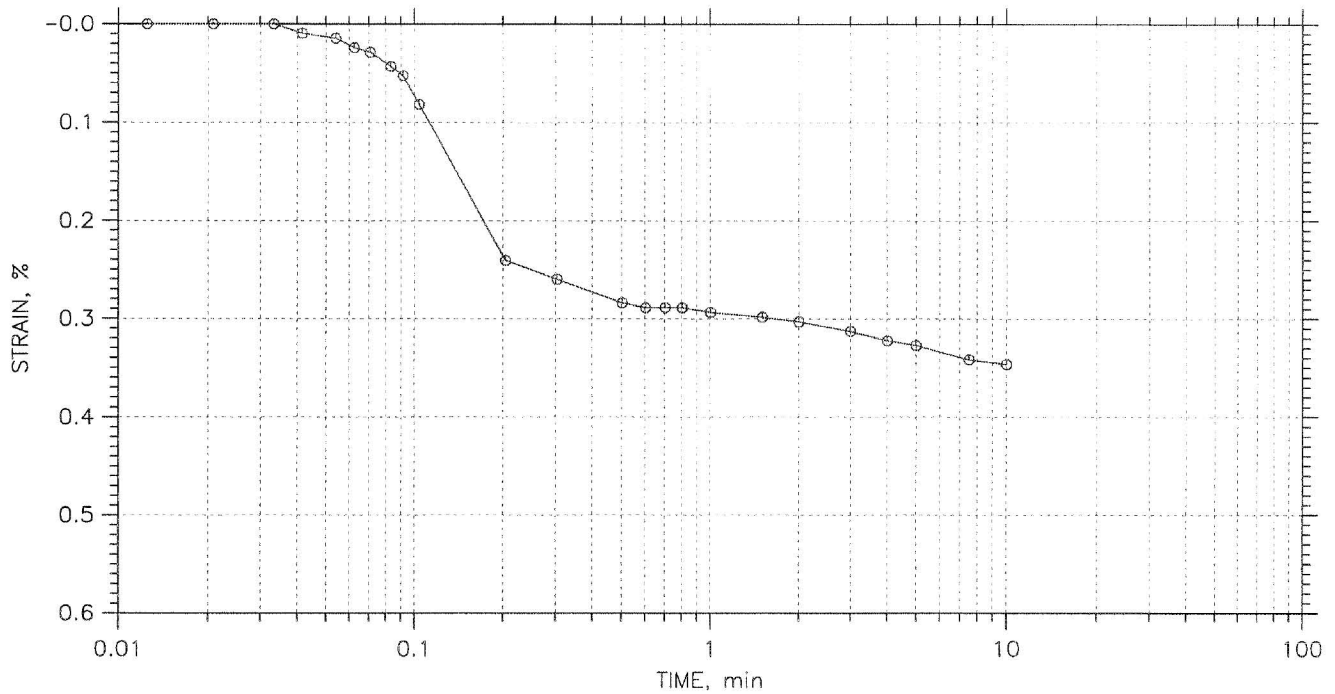
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /day	Log ft ² /day	Ave. ft ² /day
1	100	0.003465	1.216	0.35	0.2	0.2	2.45e+000	3.22e+000	2.78e+000
2	500	0.01035	1.200	1.03	0.1	0.0	4.01e+000	0.00e+000	4.01e+000
3	1e+003	0.01455	1.191	1.45	0.8	0.0	6.12e-001	0.00e+000	6.12e-001
4	2e+003	0.022	1.175	2.20	0.3	0.1	1.53e+000	7.26e+000	2.52e+000
5	4e+003	0.03069	1.155	3.07	1.8	0.0	2.63e-001	0.00e+000	2.63e-001
6	8e+003	0.04028	1.134	4.03	0.4	0.2	1.16e+000	2.01e+000	1.47e+000
7	2e+003	0.03217	1.152	3.22	0.1	0.1	3.26e+000	4.23e+000	3.68e+000
8	1e+003	0.02808	1.161	2.81	0.6	0.1	8.08e-001	3.42e+000	1.31e+000
9	2e+003	0.02981	1.157	2.98	0.2	0.0	2.01e+000	0.00e+000	2.01e+000
10	4e+003	0.03386	1.148	3.39	0.2	0.1	2.45e+000	5.82e+000	3.45e+000
11	8e+003	0.04139	1.131	4.14	0.2	0.1	2.67e+000	7.57e+000	3.94e+000
12	1.6e+004	0.05263	1.106	5.26	0.4	0.1	1.25e+000	3.15e+000	1.79e+000
13	3.2e+004	0.07165	1.064	7.16	0.5	0.1	8.88e-001	3.35e+000	1.40e+000
14	6.4e+004	0.1129	0.973	11.29	1.6	1.1	2.58e-001	3.82e-001	3.08e-001
15	1.6e+004	0.09822	1.005	9.82	0.1	0.0	7.63e+000	1.25e+001	9.49e+000
16	4e+003	0.07946	1.047	7.95	1.7	0.0	2.48e-001	0.00e+000	2.48e-001
17	1e+003	0.06261	1.084	6.26	5.7	0.0	7.45e-002	0.00e+000	7.45e-002

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 17

Stress: 100. psf



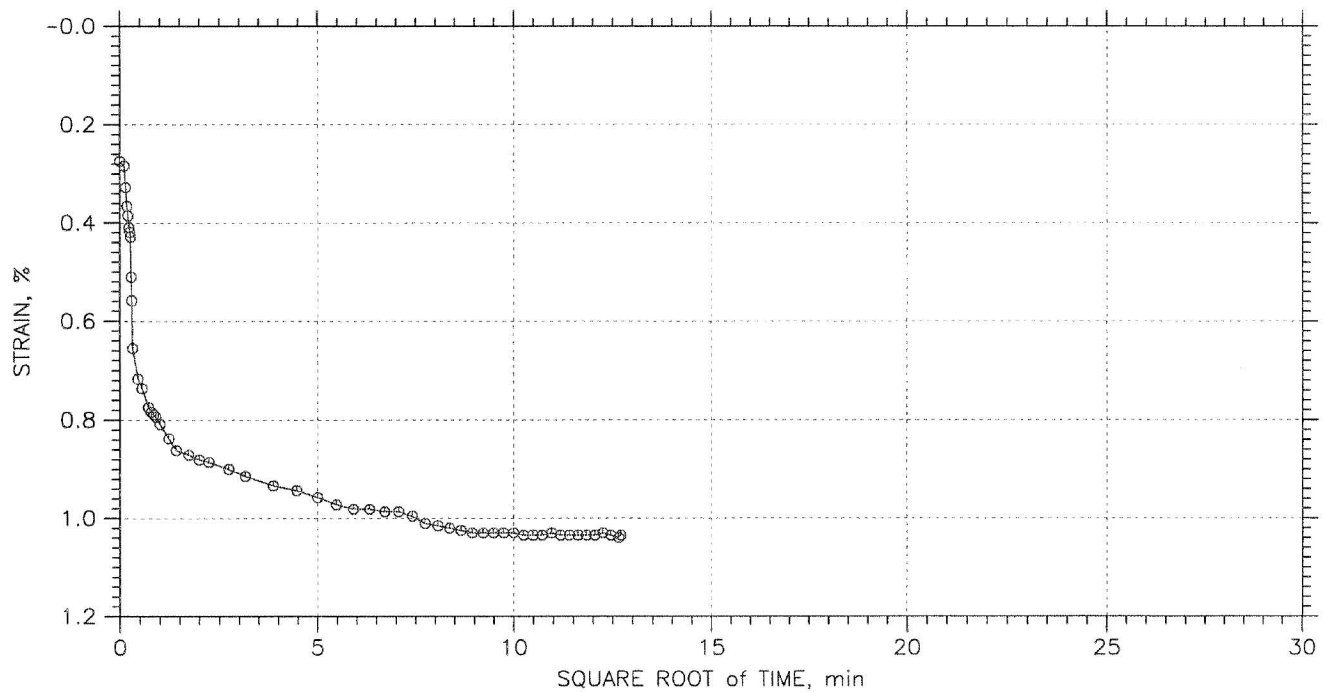
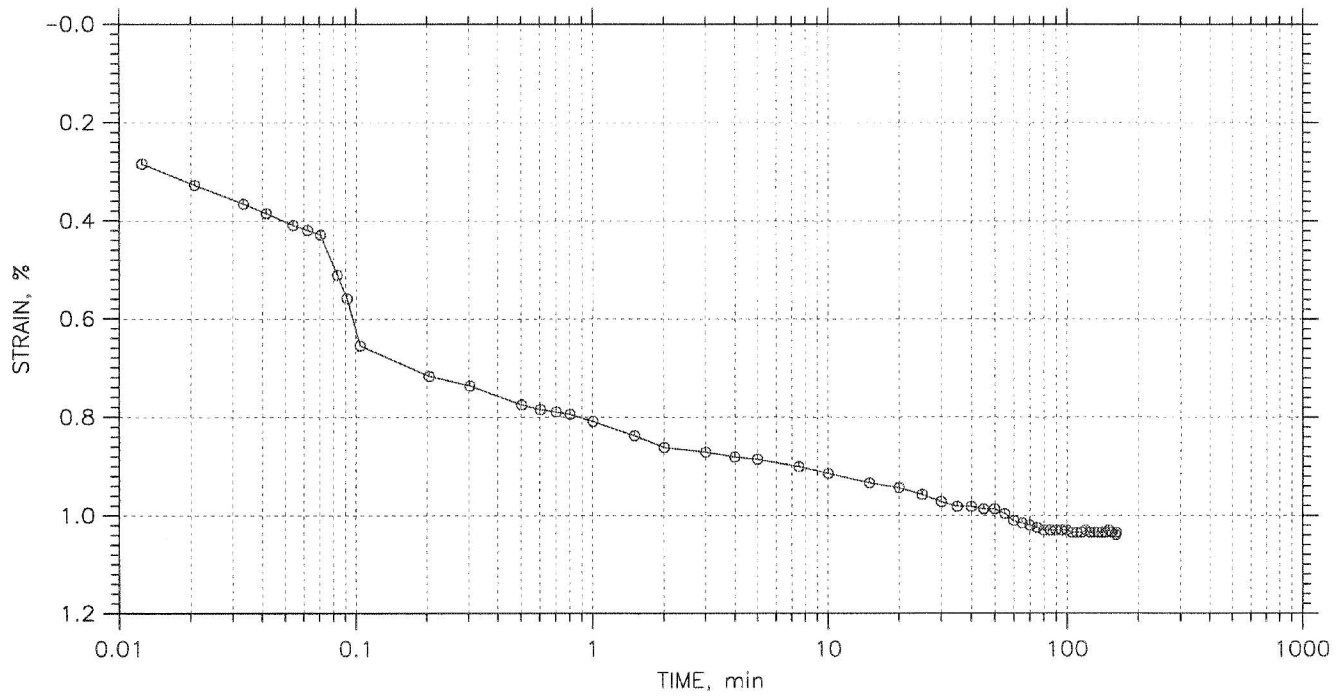
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

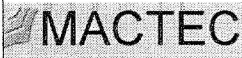
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 17

Stress: 500. psf



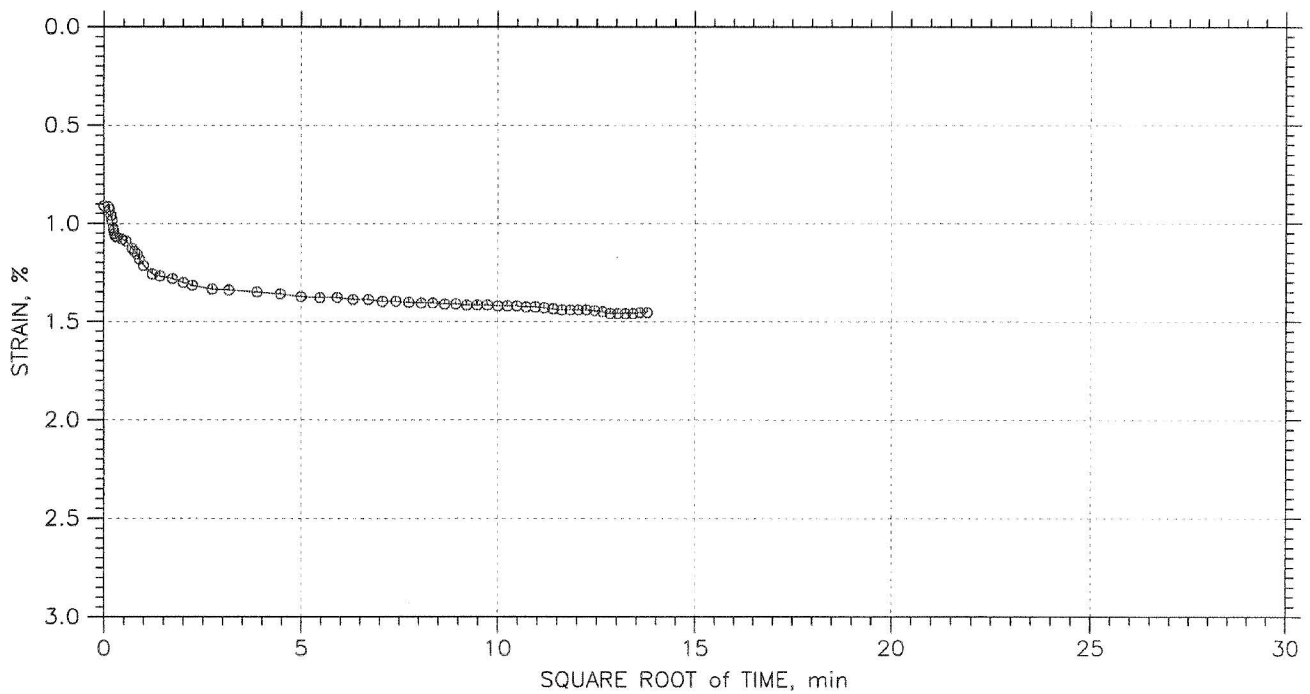
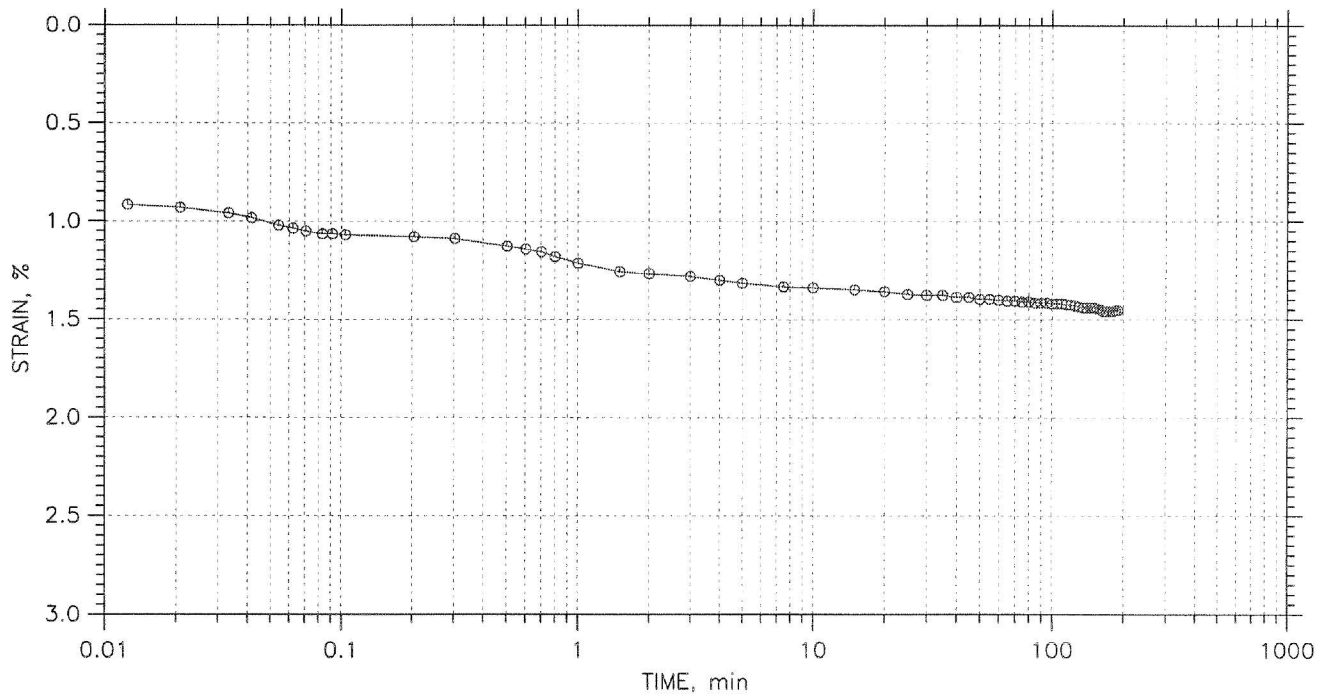
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 17

Stress: 1000. psf



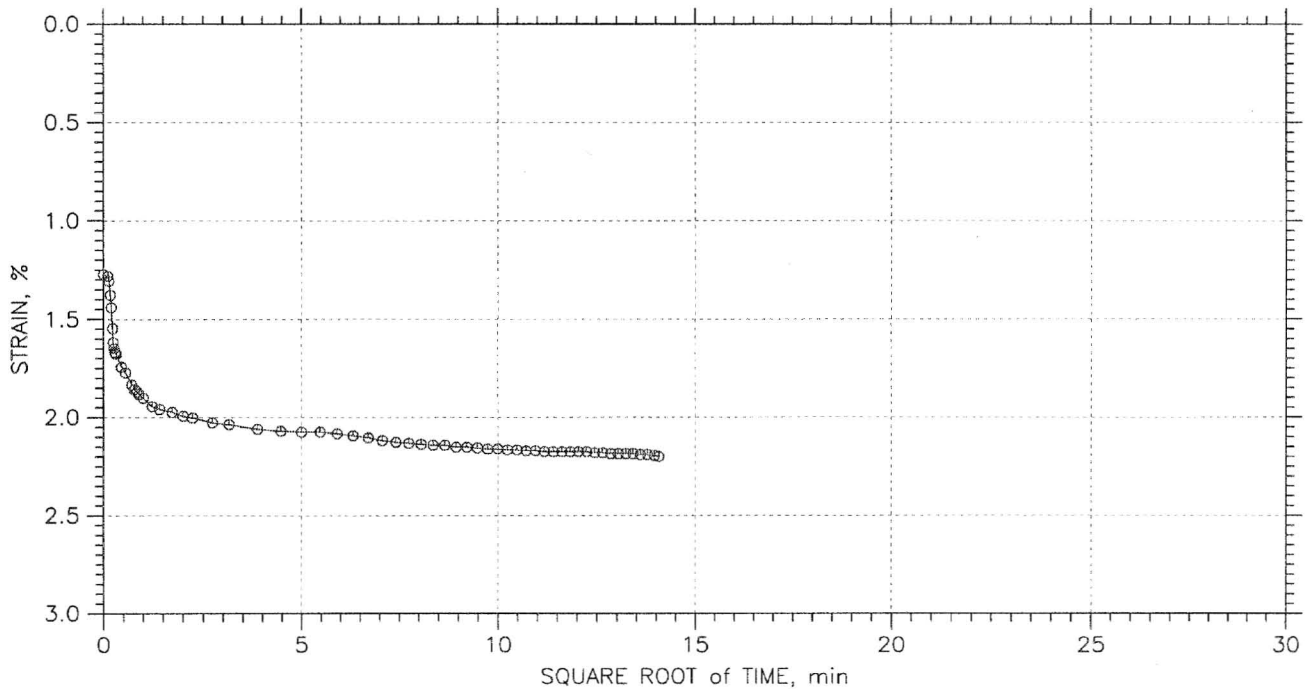
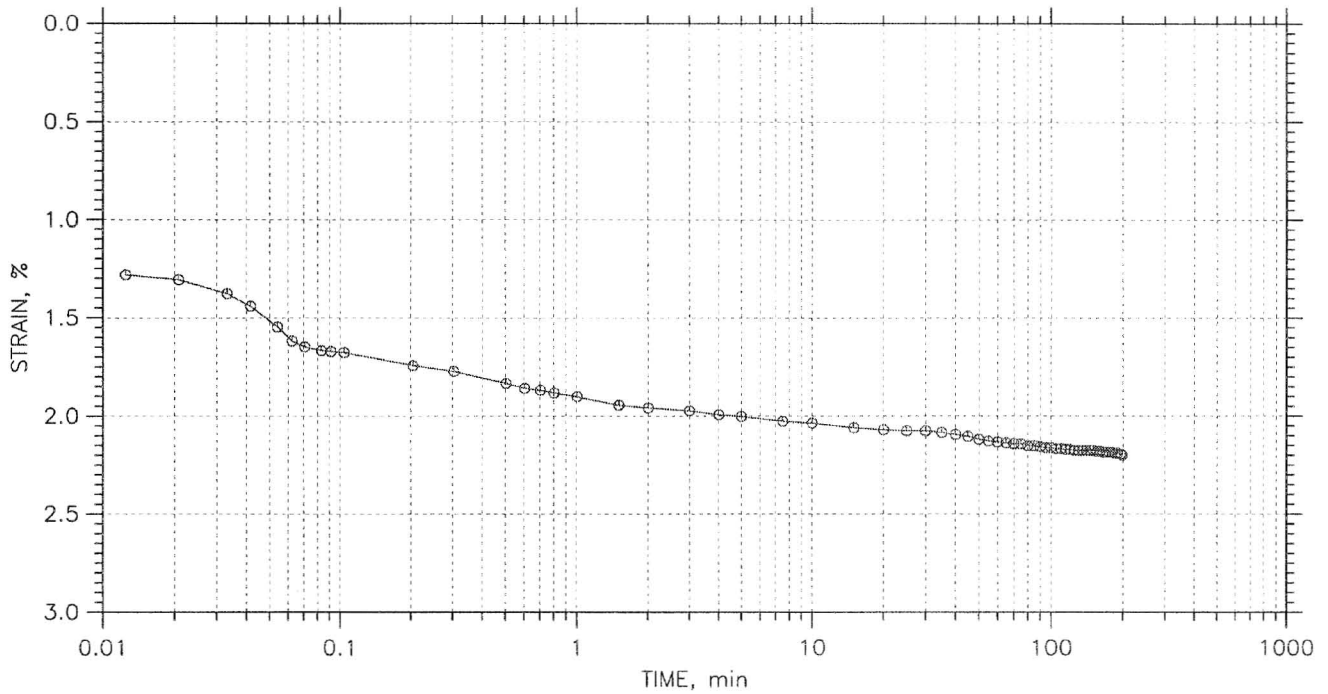
MACTEC	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 17

Stress: 2000. psf



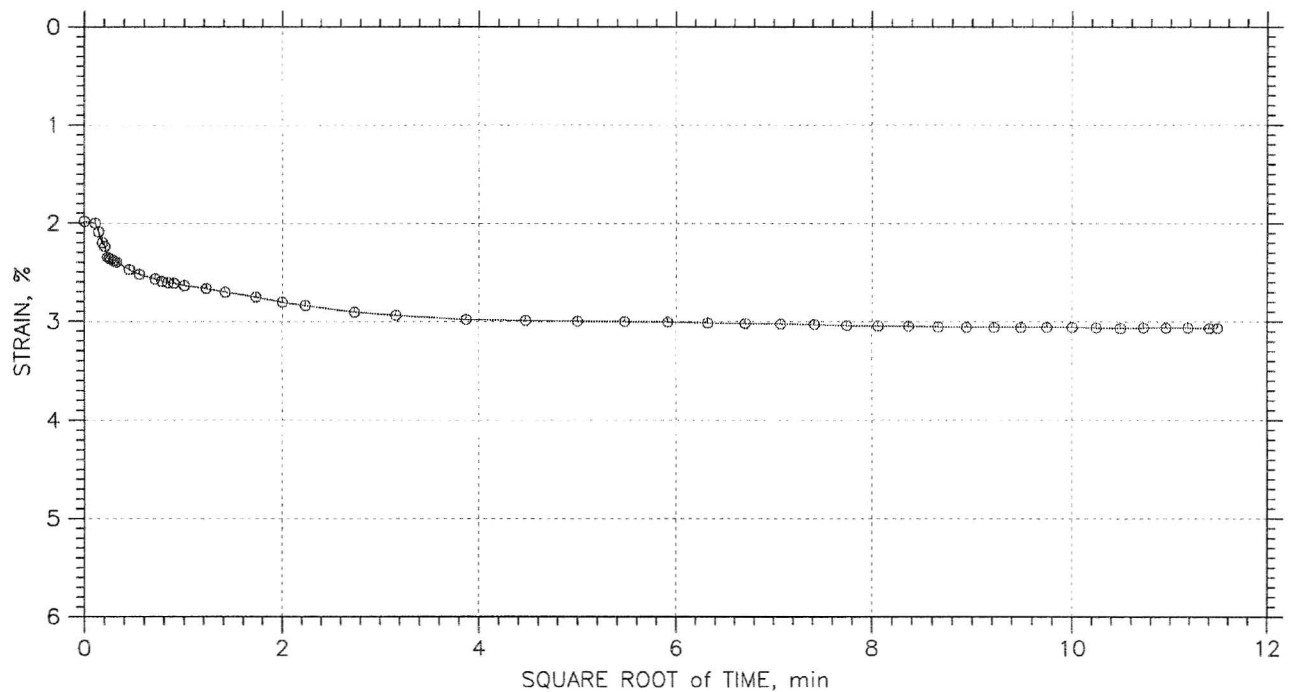
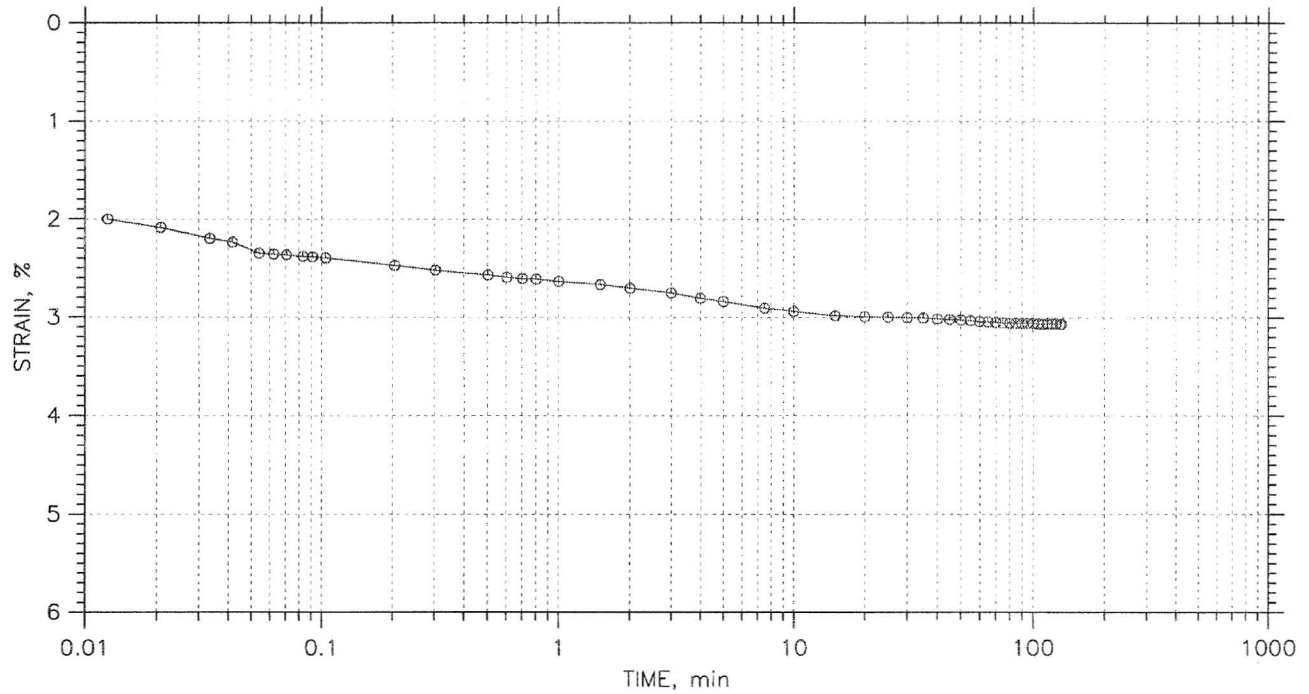
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 17

Stress: 4000. psf



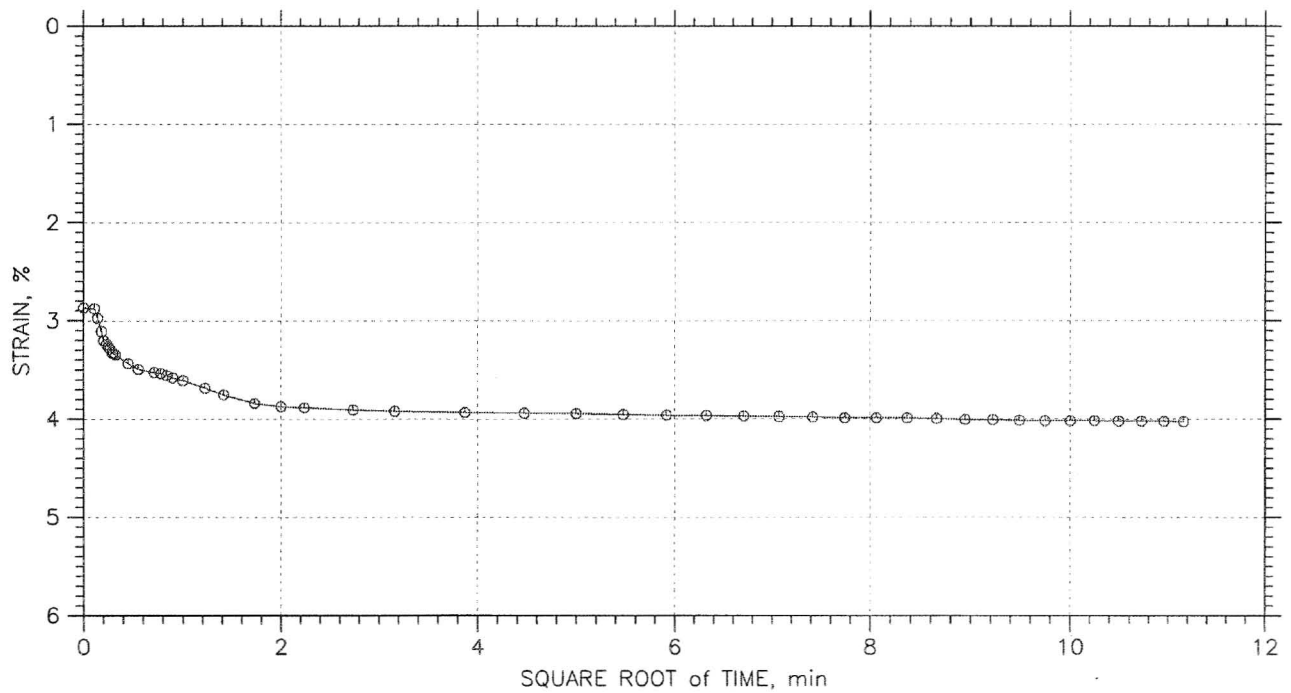
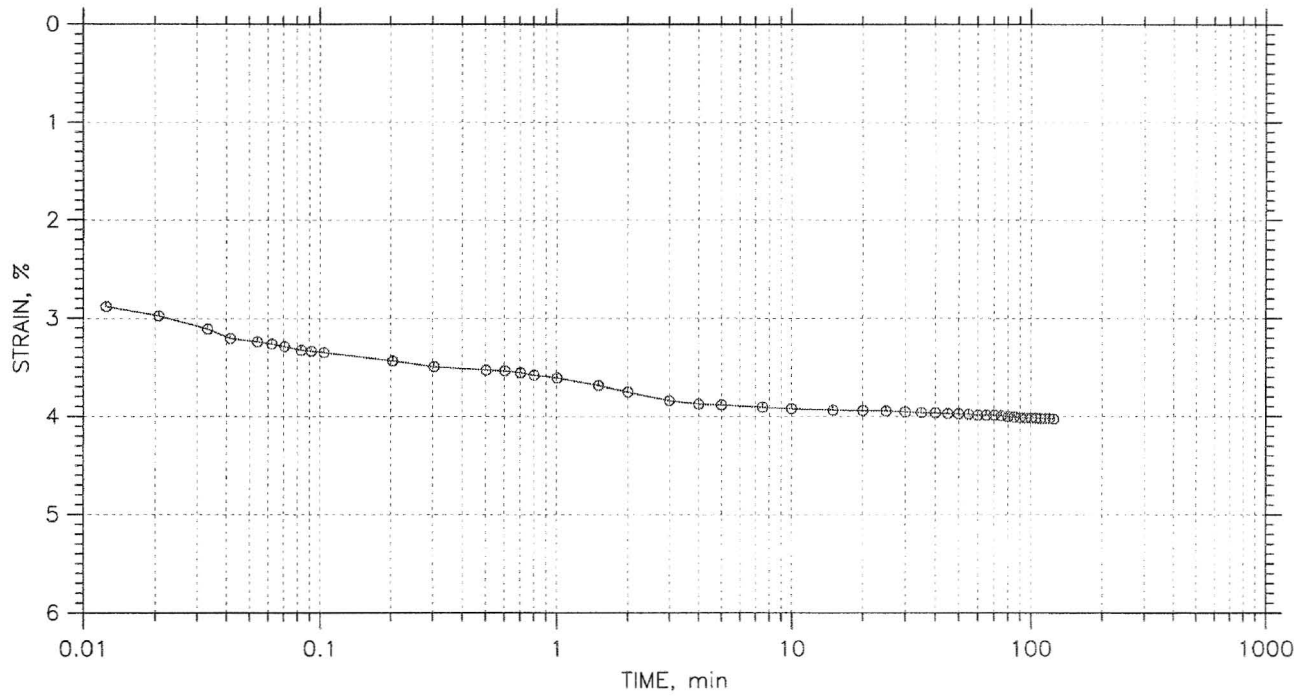
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 17

Stress: 8000. psf



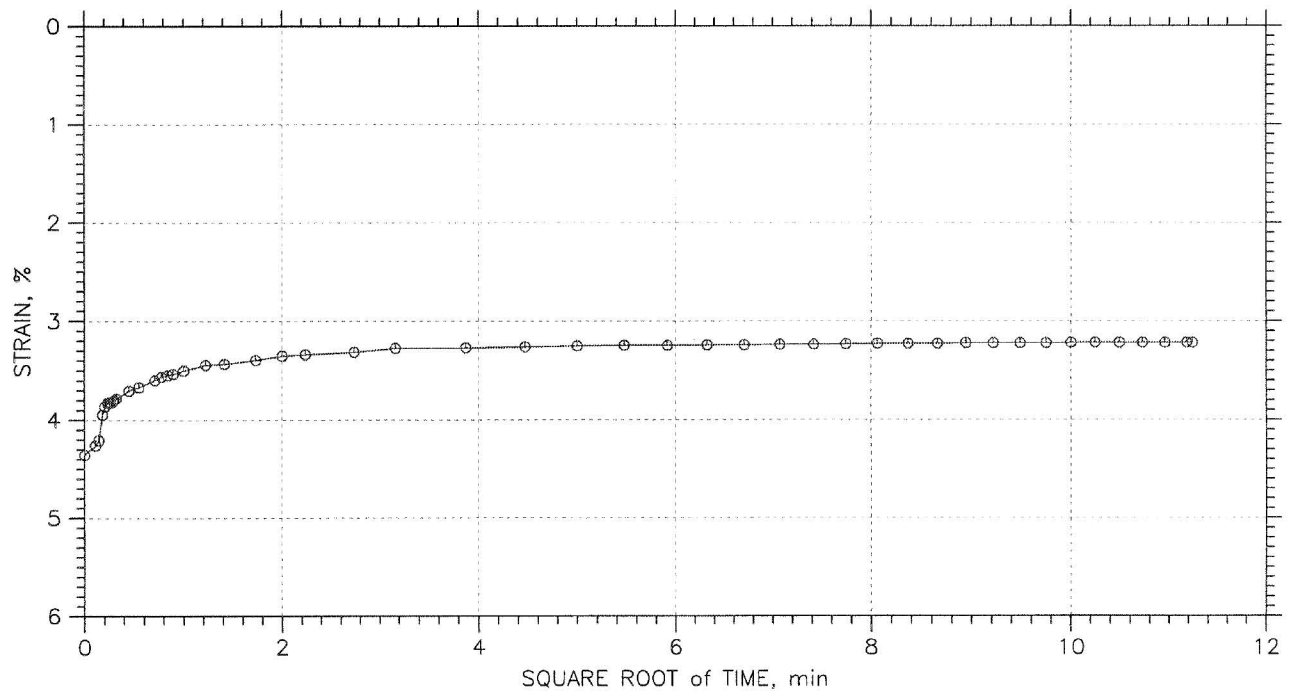
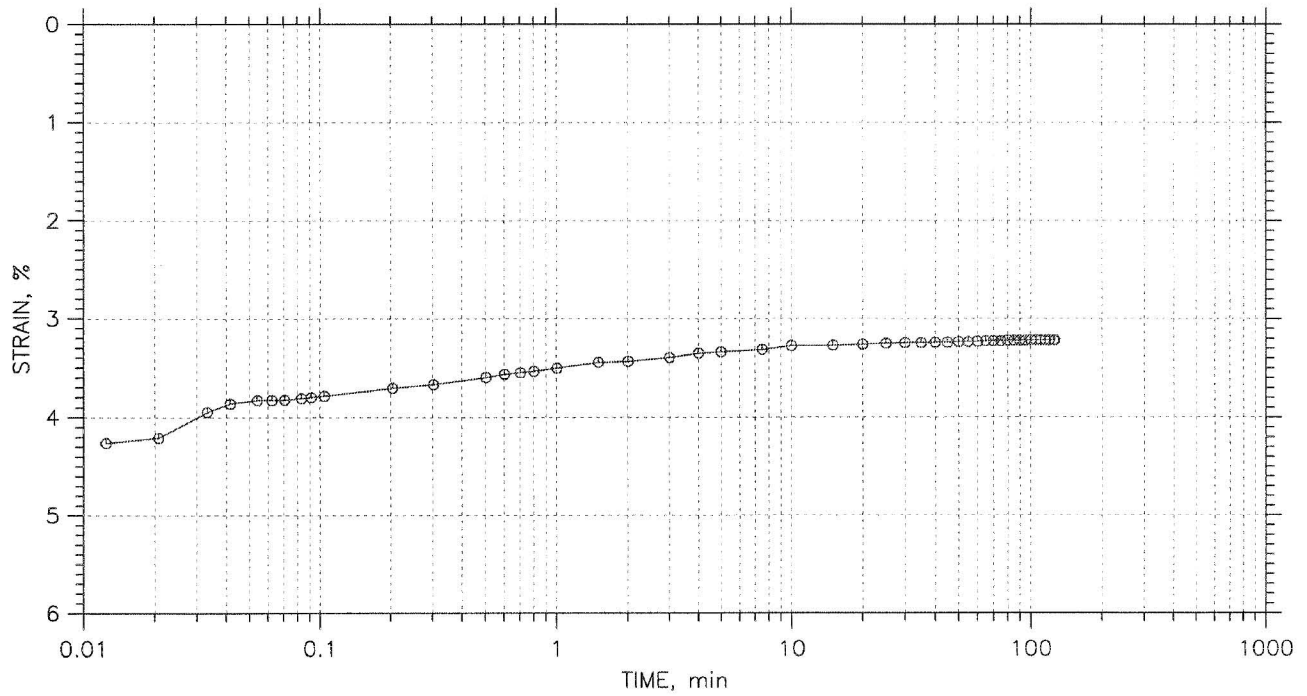
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 17

Stress: 2000. psf



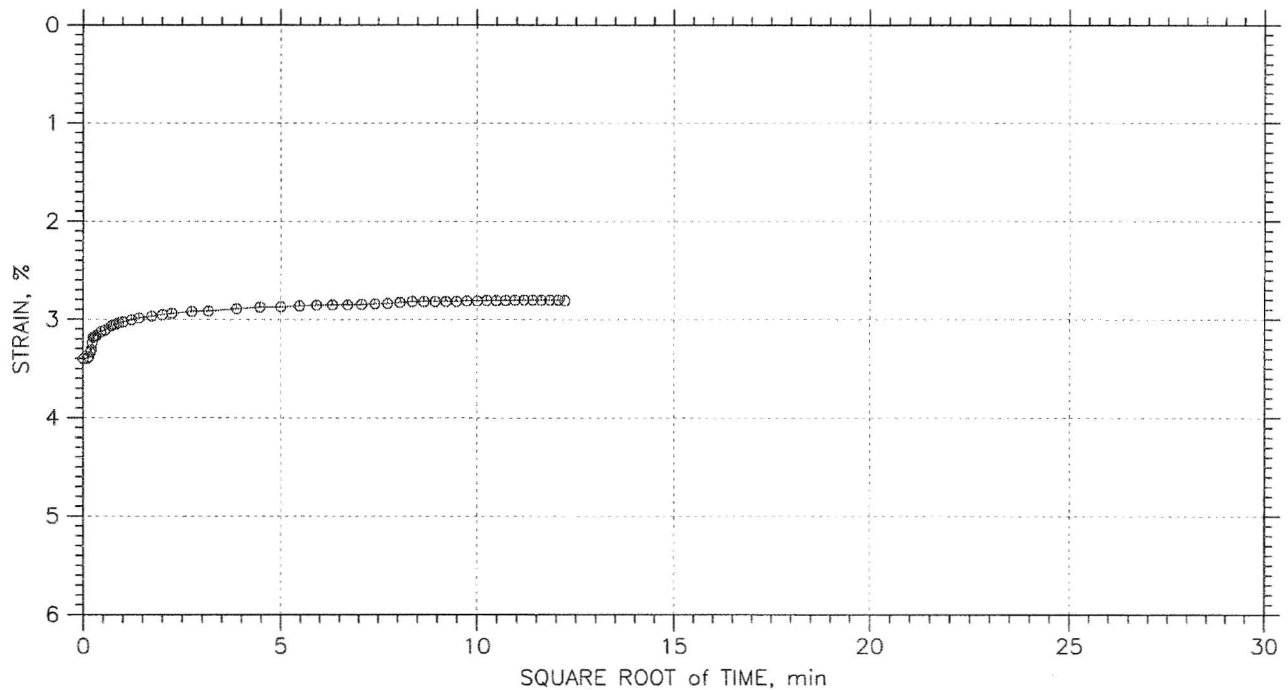
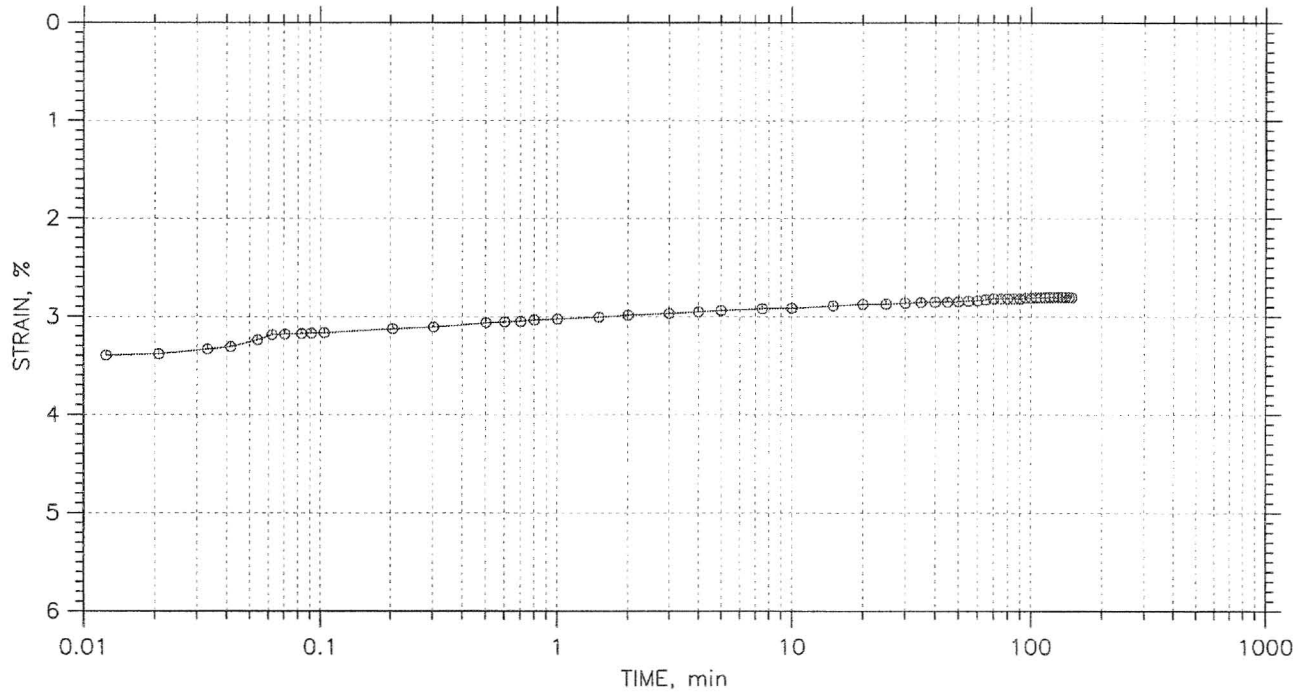
MACTEC	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 17

Stress: 1000. psf



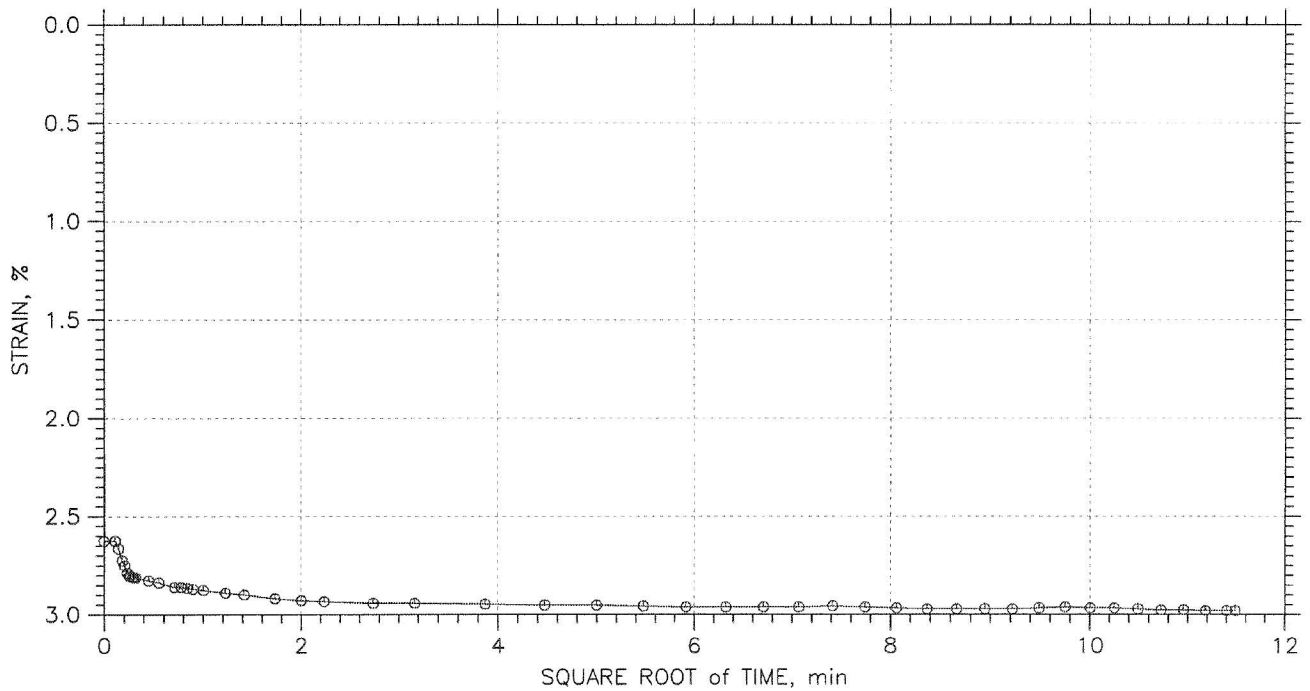
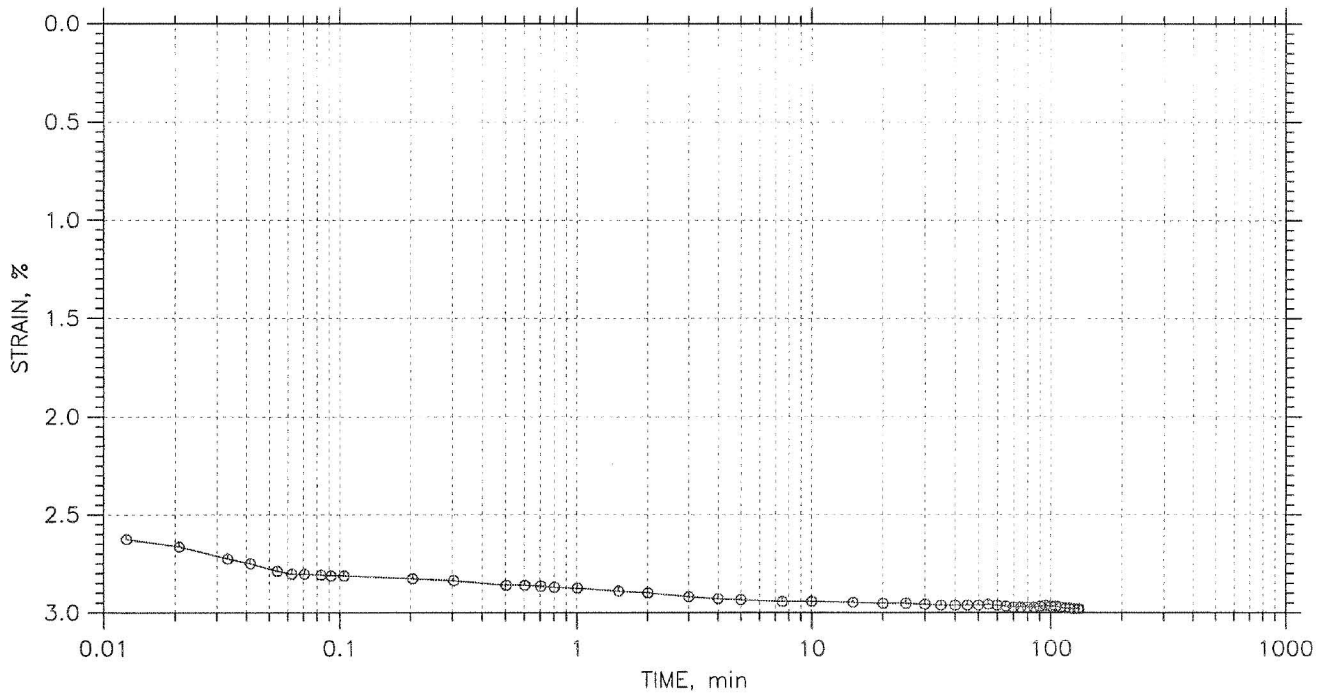
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

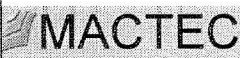
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 17

Stress: 2000. psf



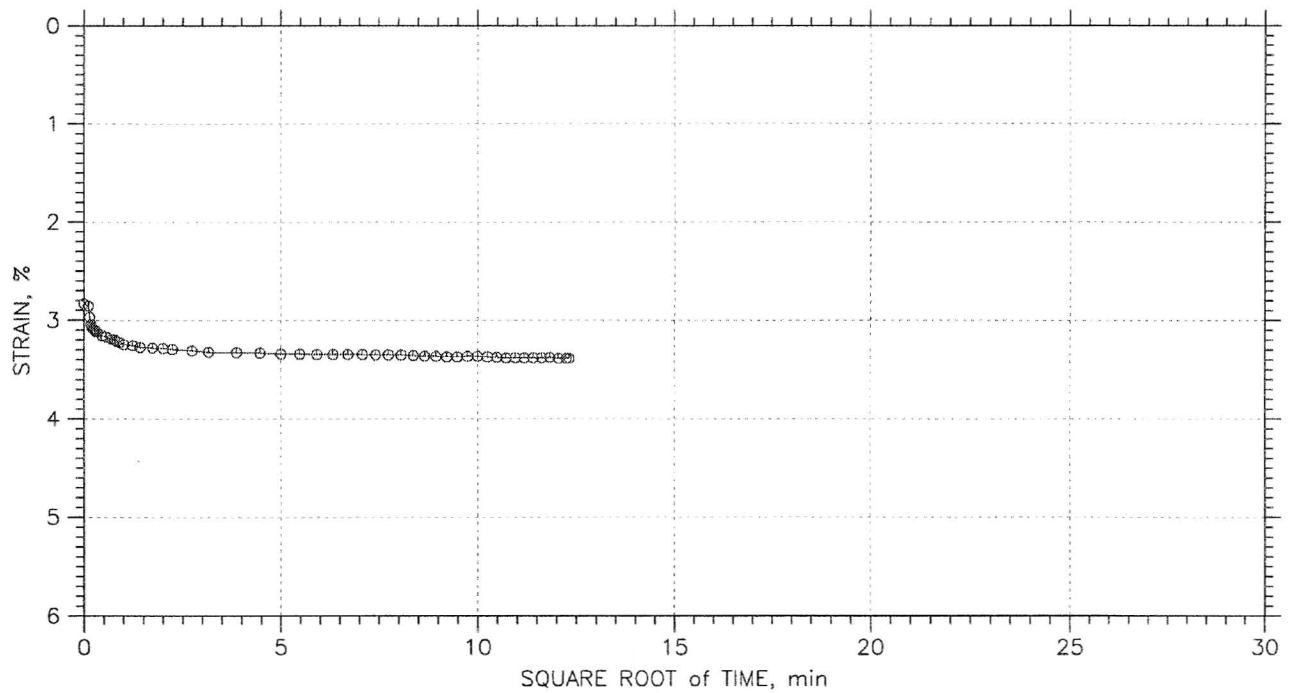
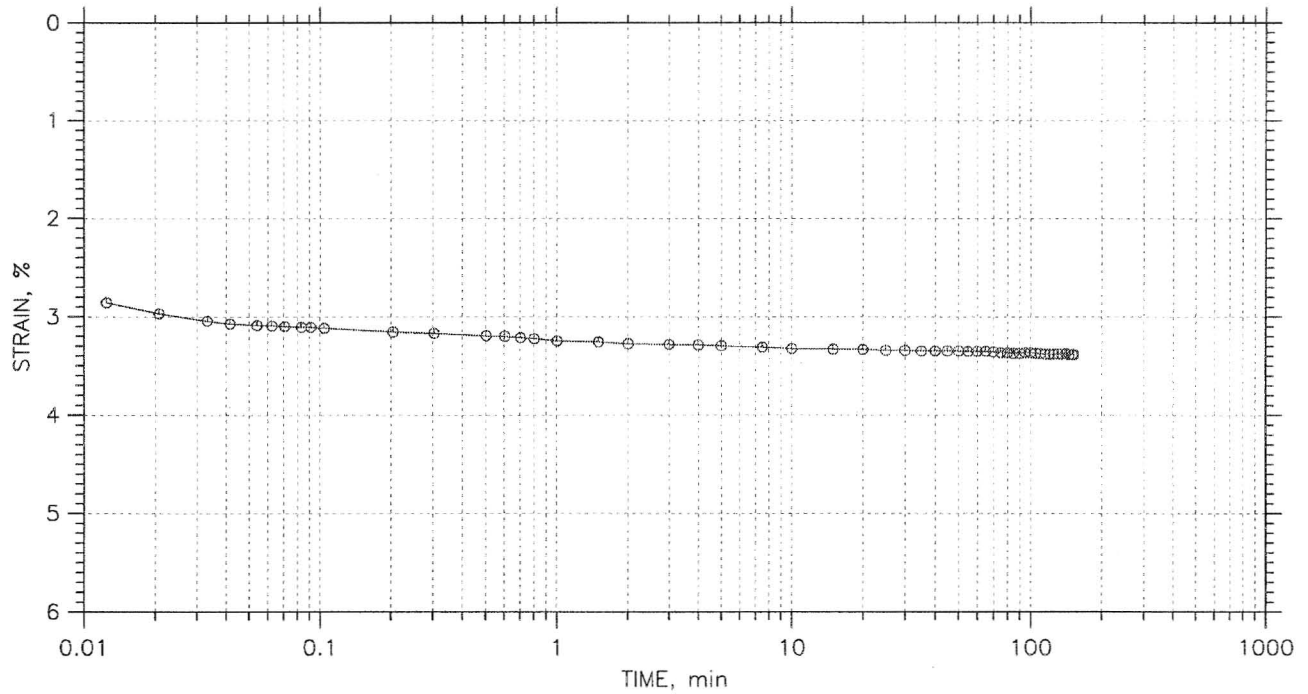
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 17

Stress: 4000. psf



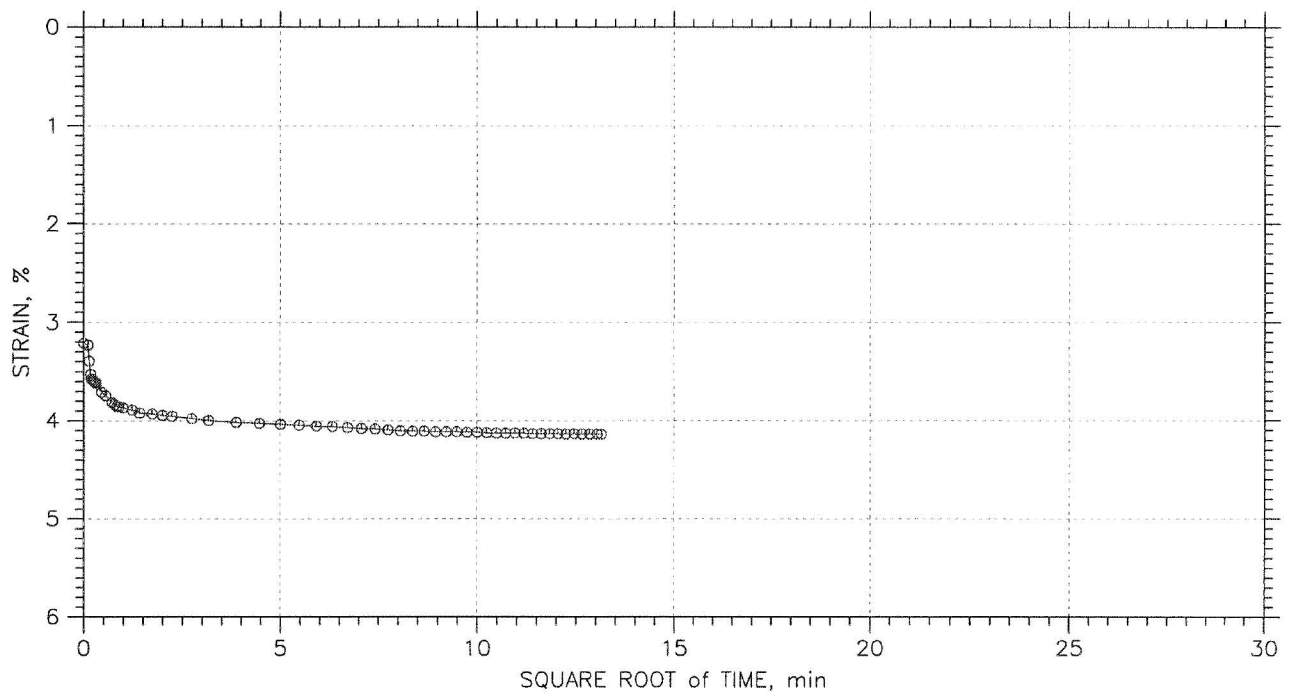
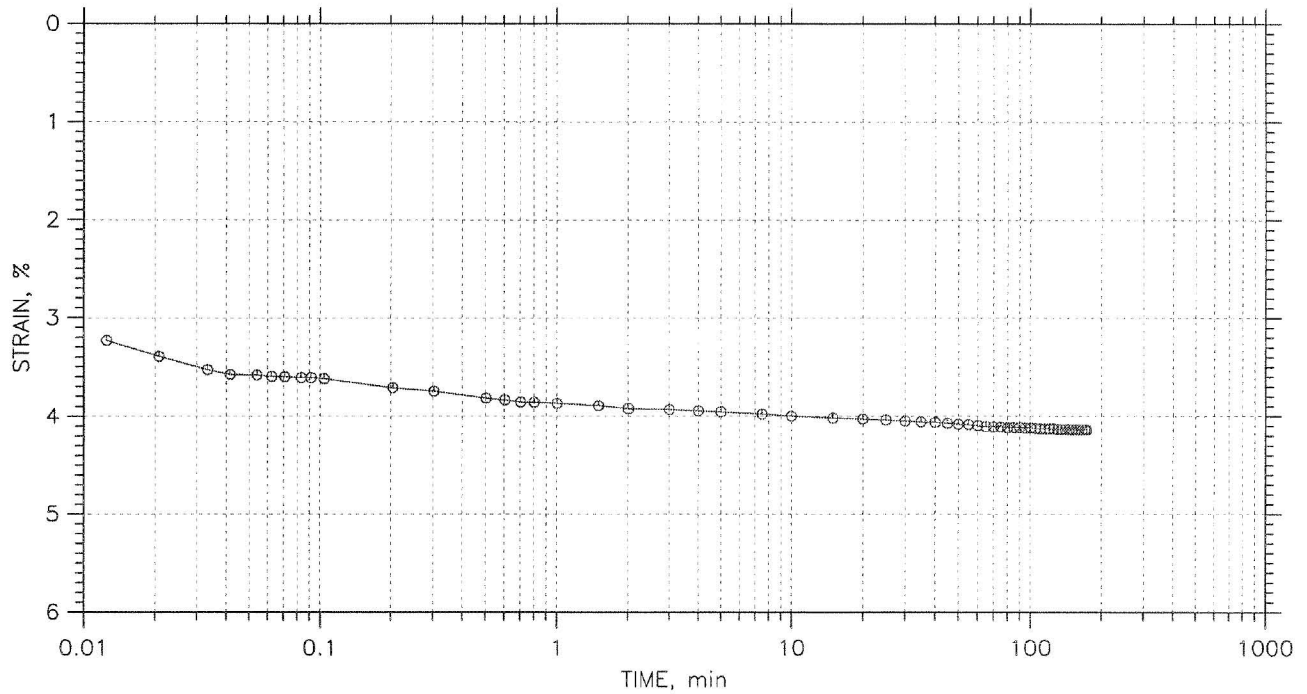
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

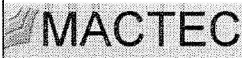
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 17

Stress: 8000. psf



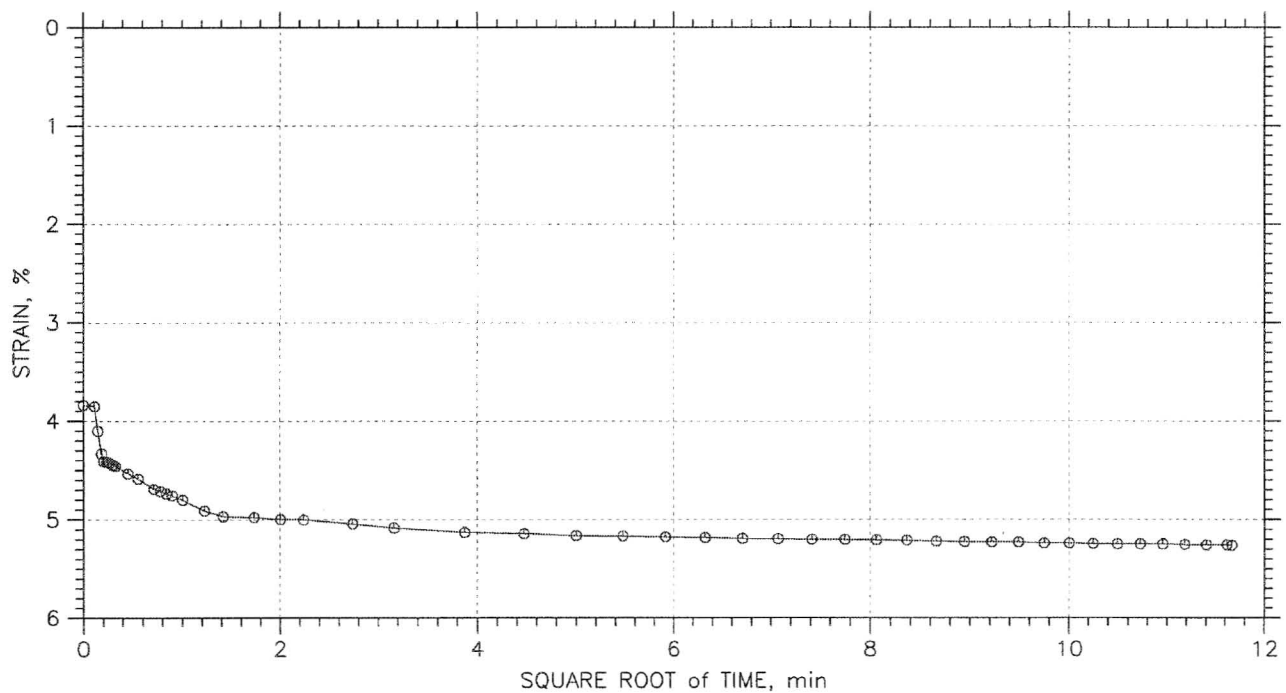
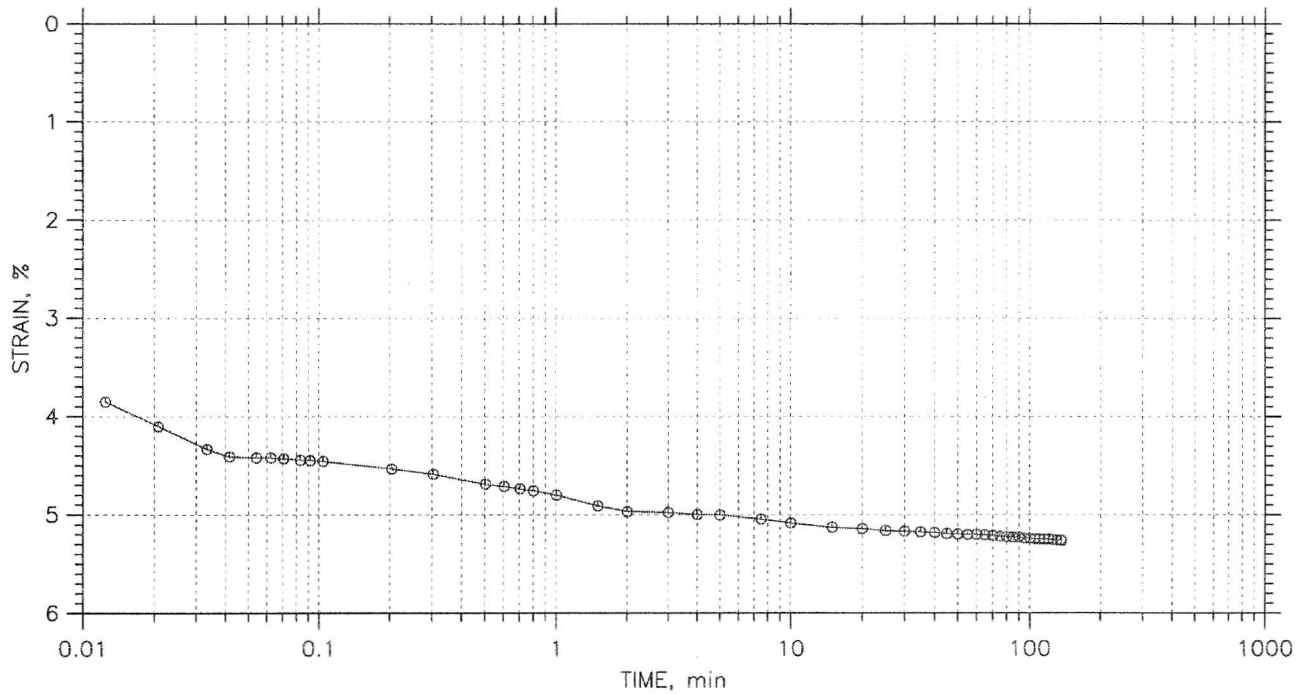
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

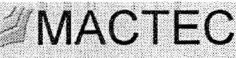
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 17

Stress: 16000 psf



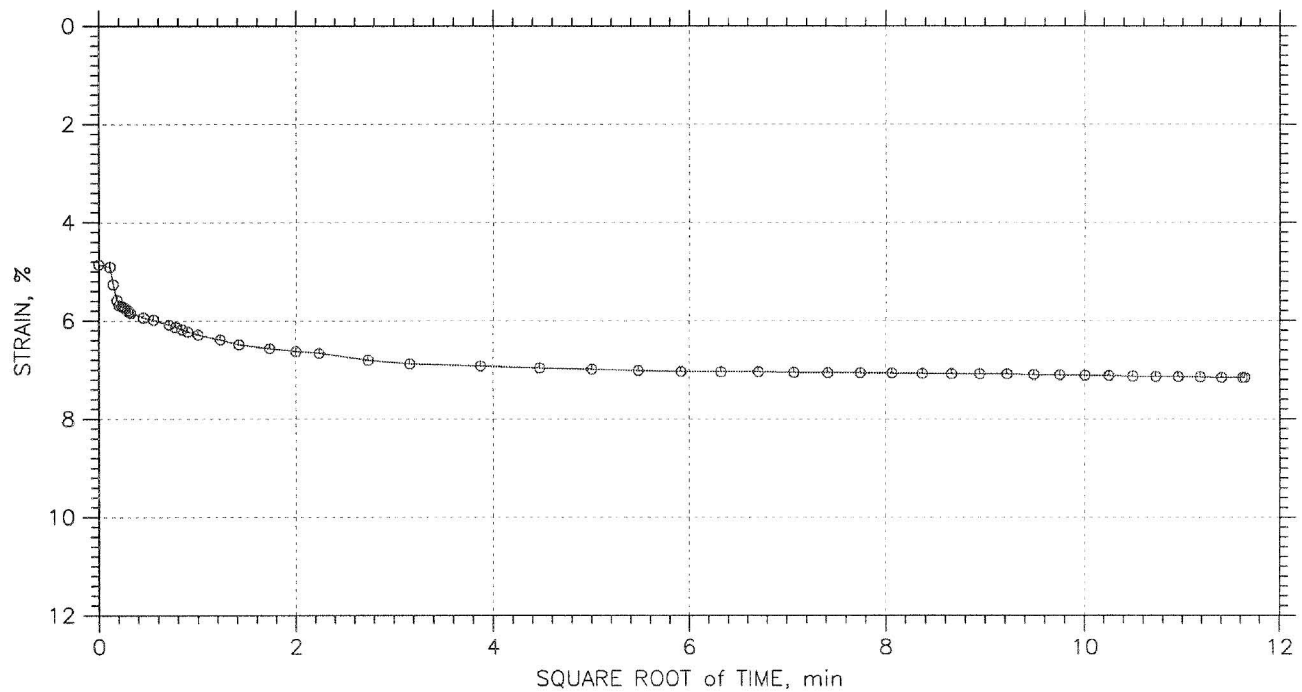
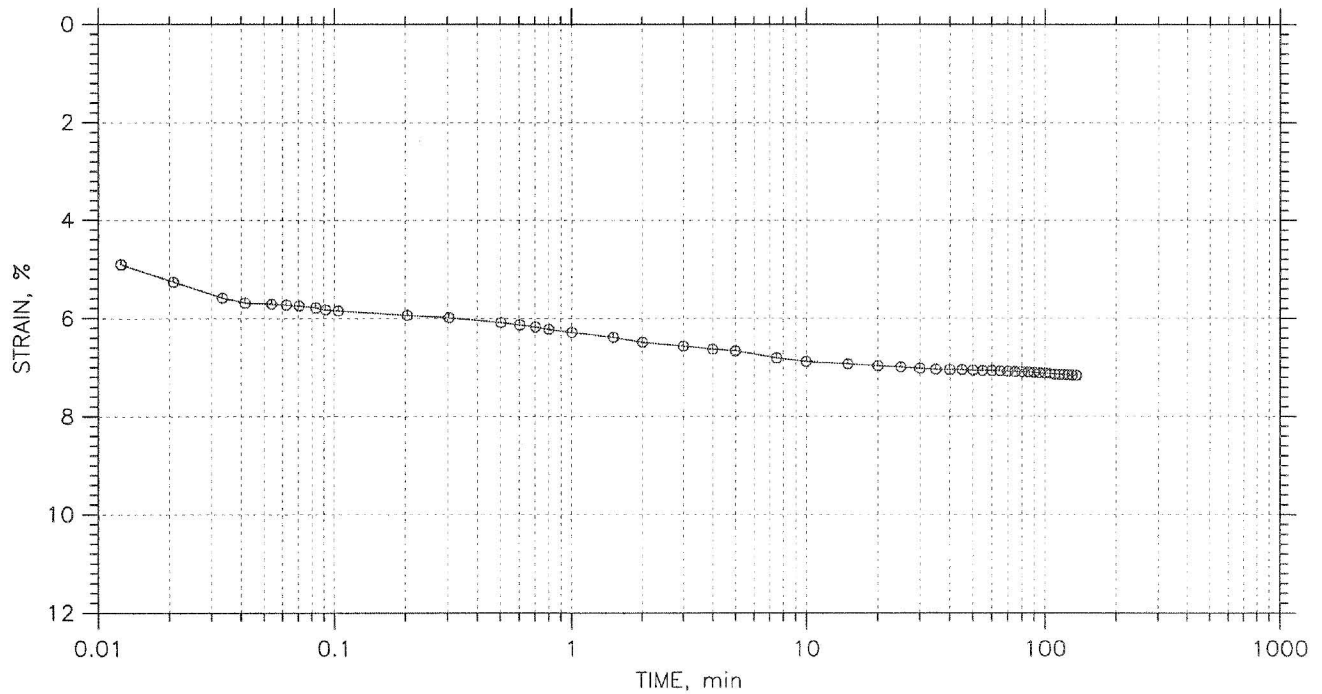
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 17

Stress: 32000 psf



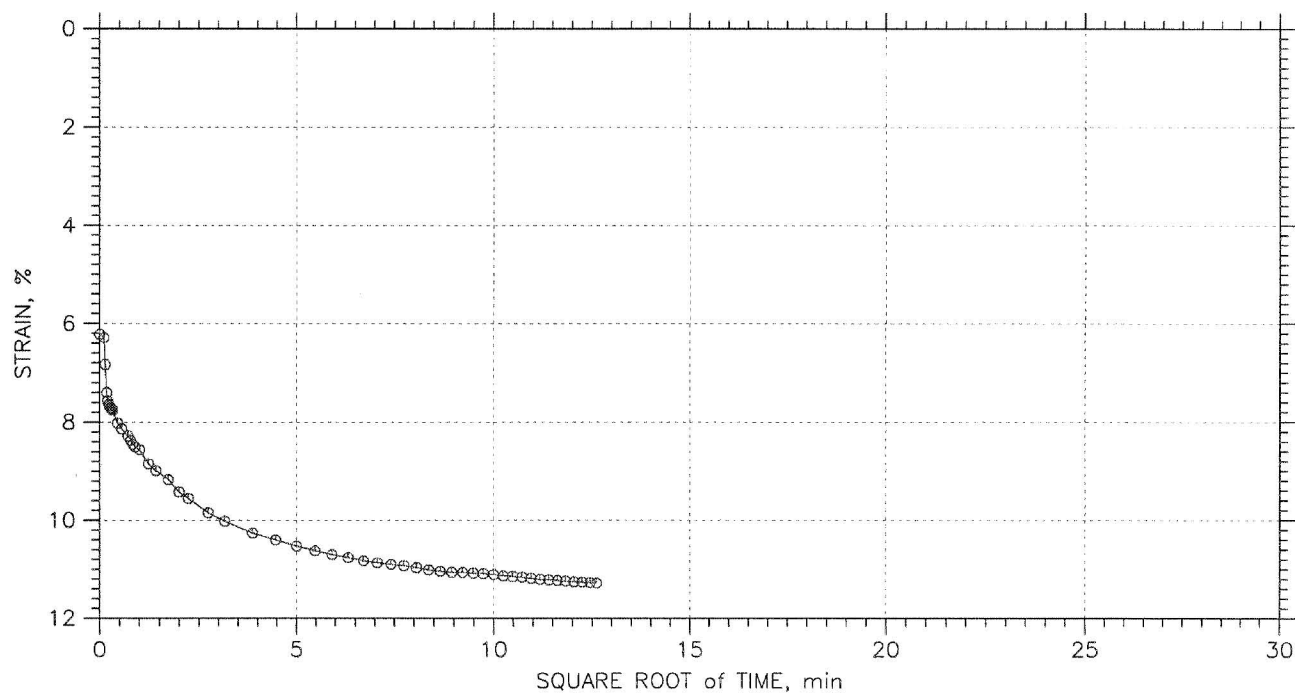
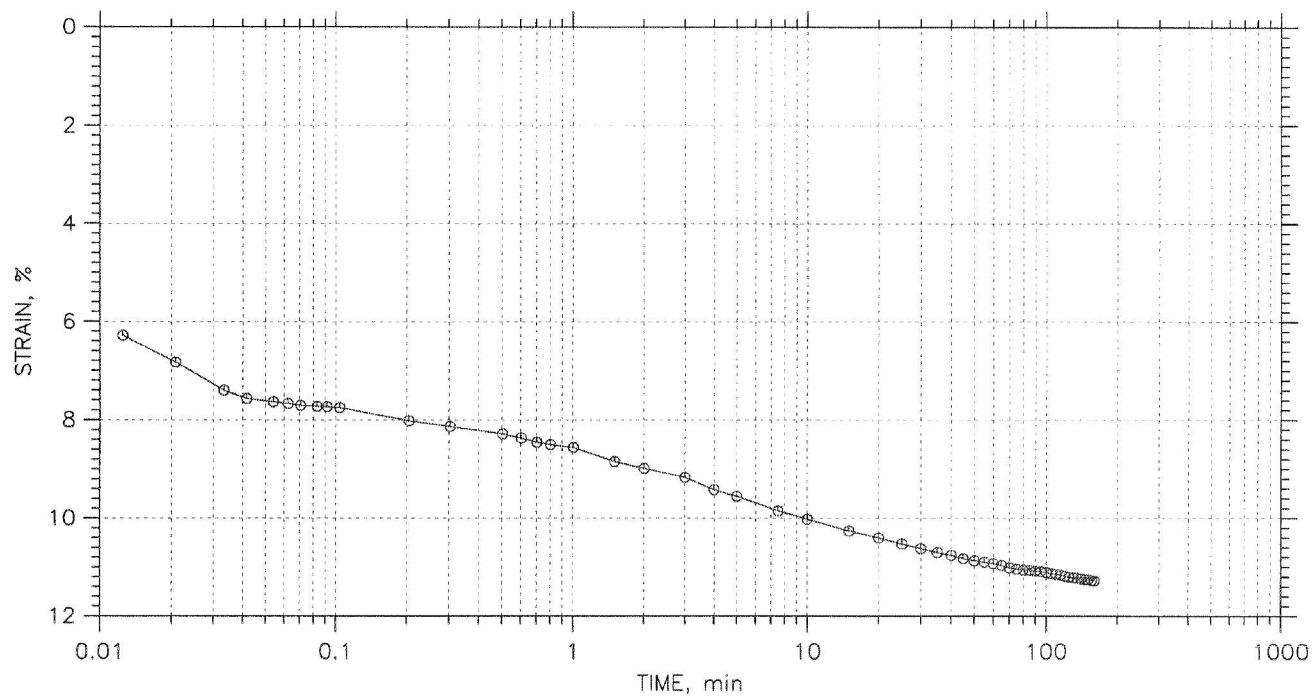
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 17

Stress: 64000 psf



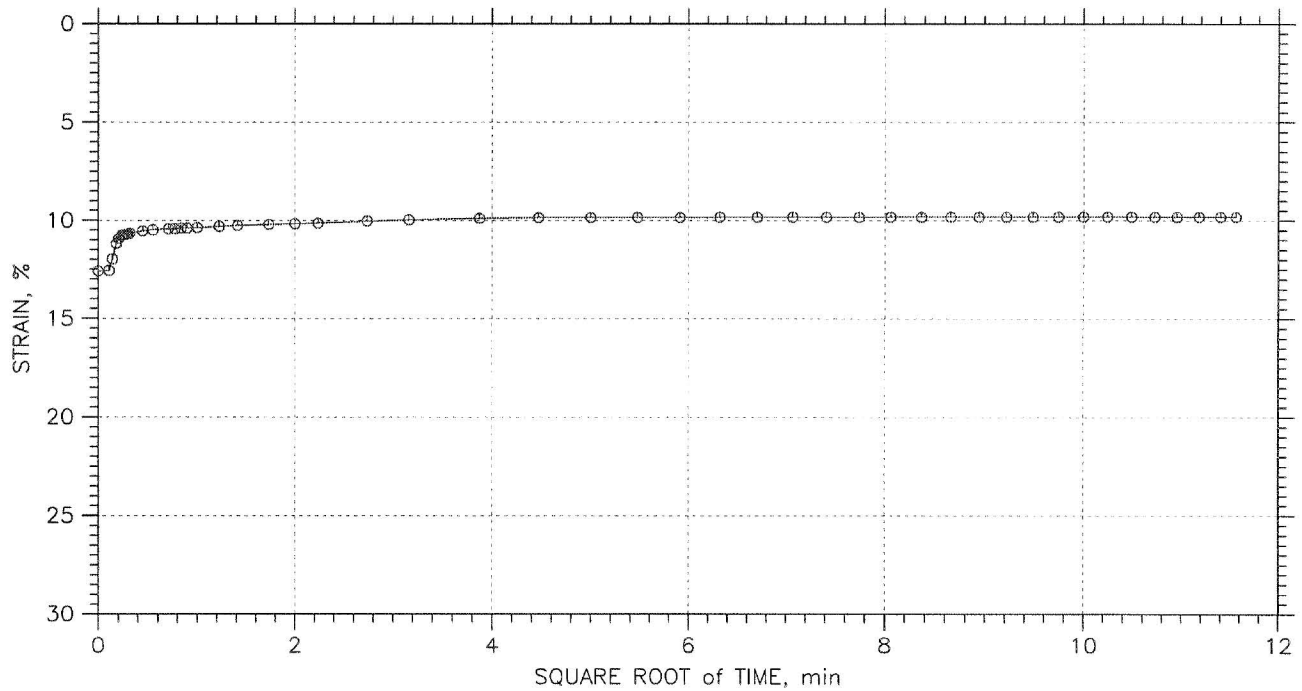
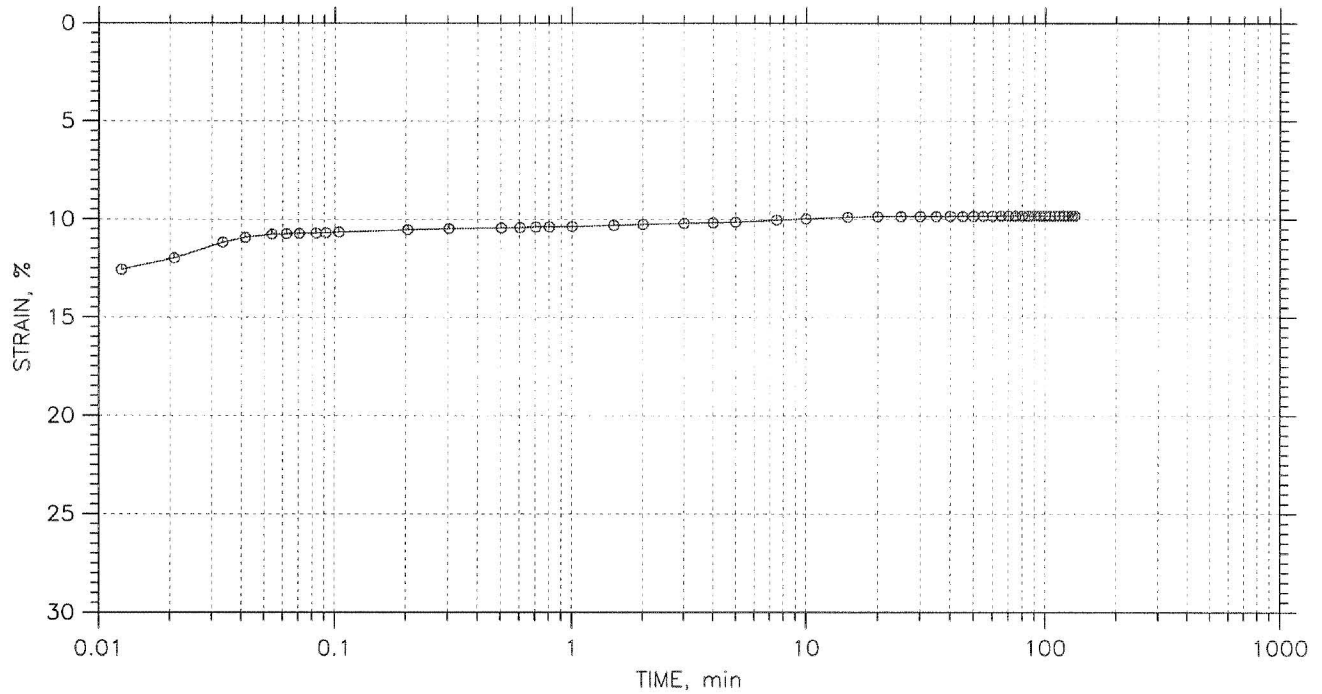
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 17

Stress: 16000 psf



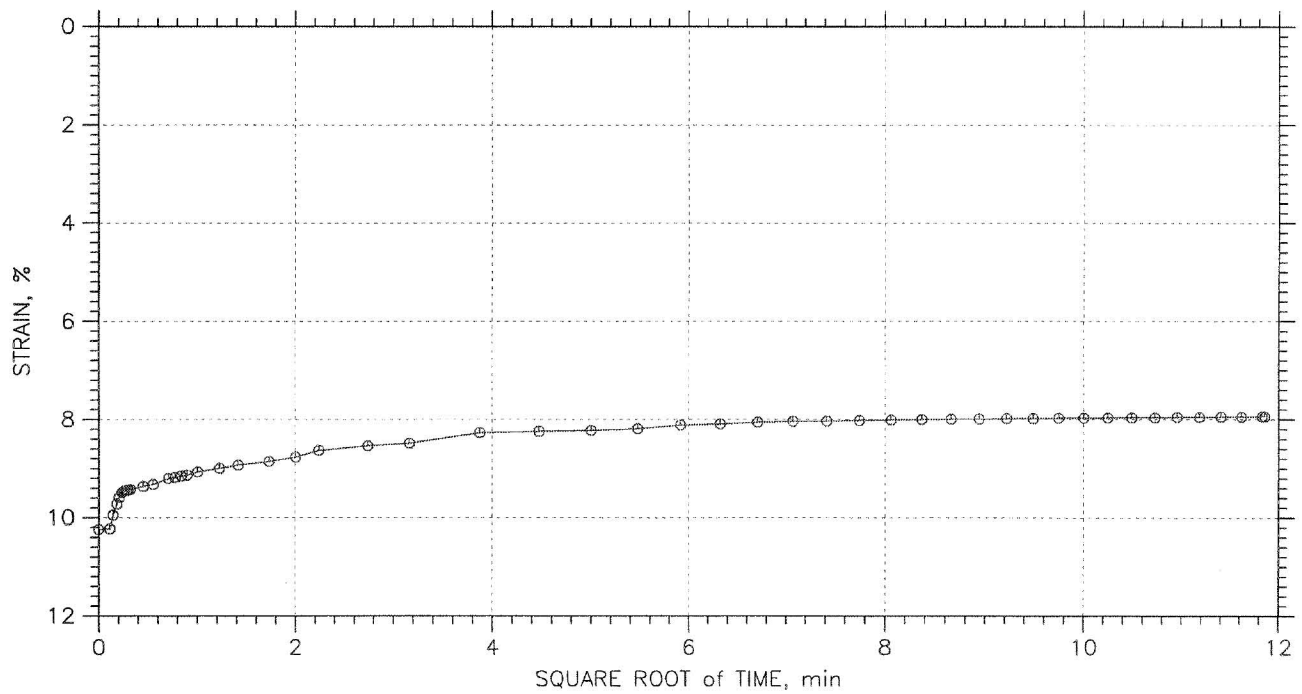
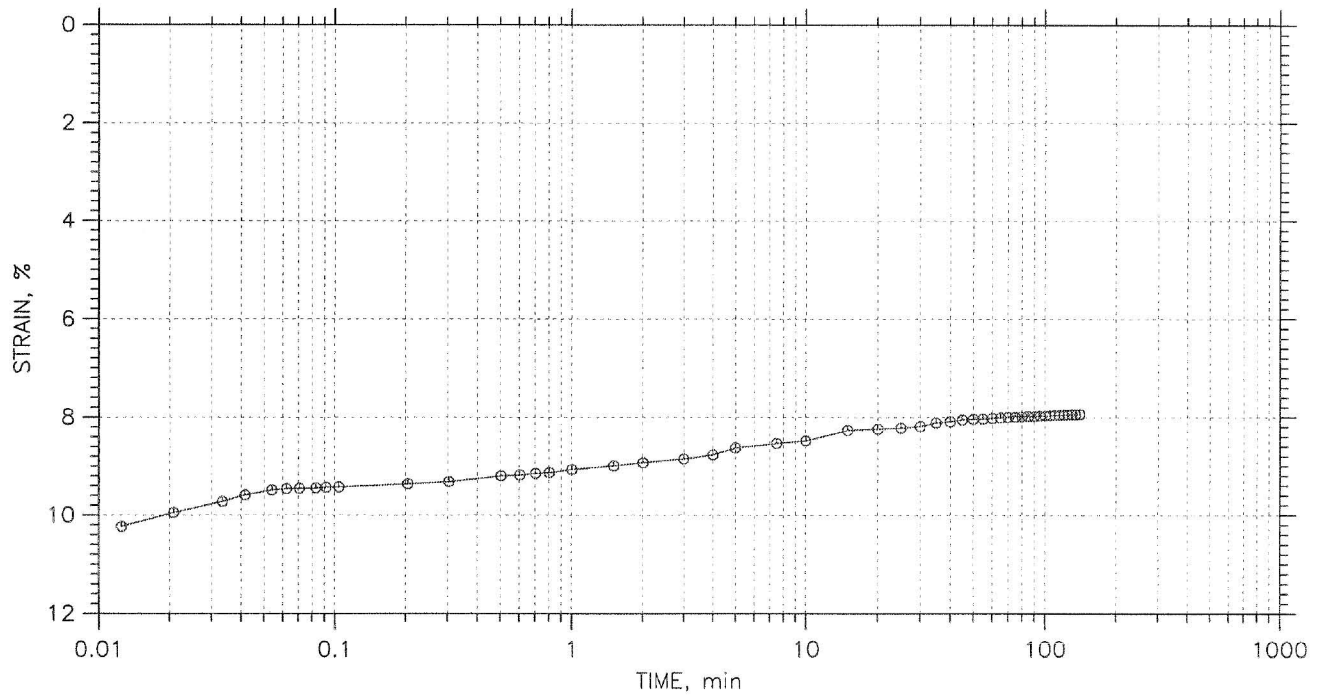
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

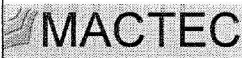
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 16 of 17

Stress: 4000. psf



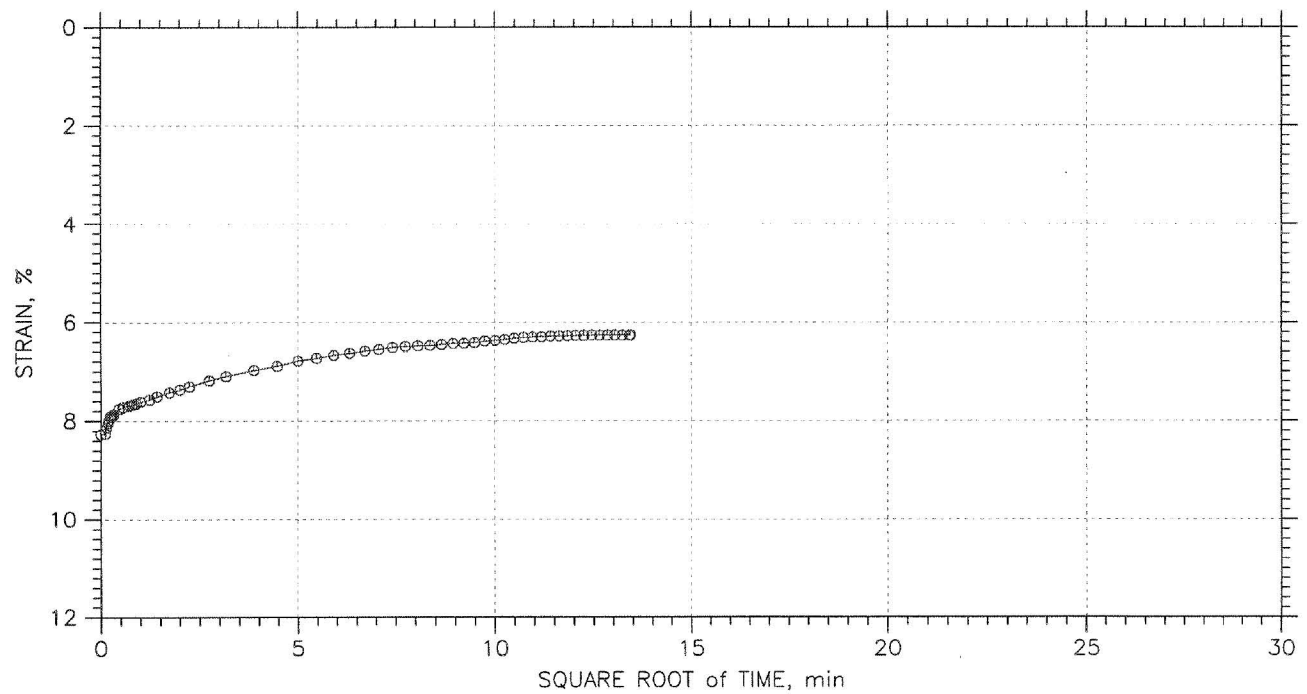
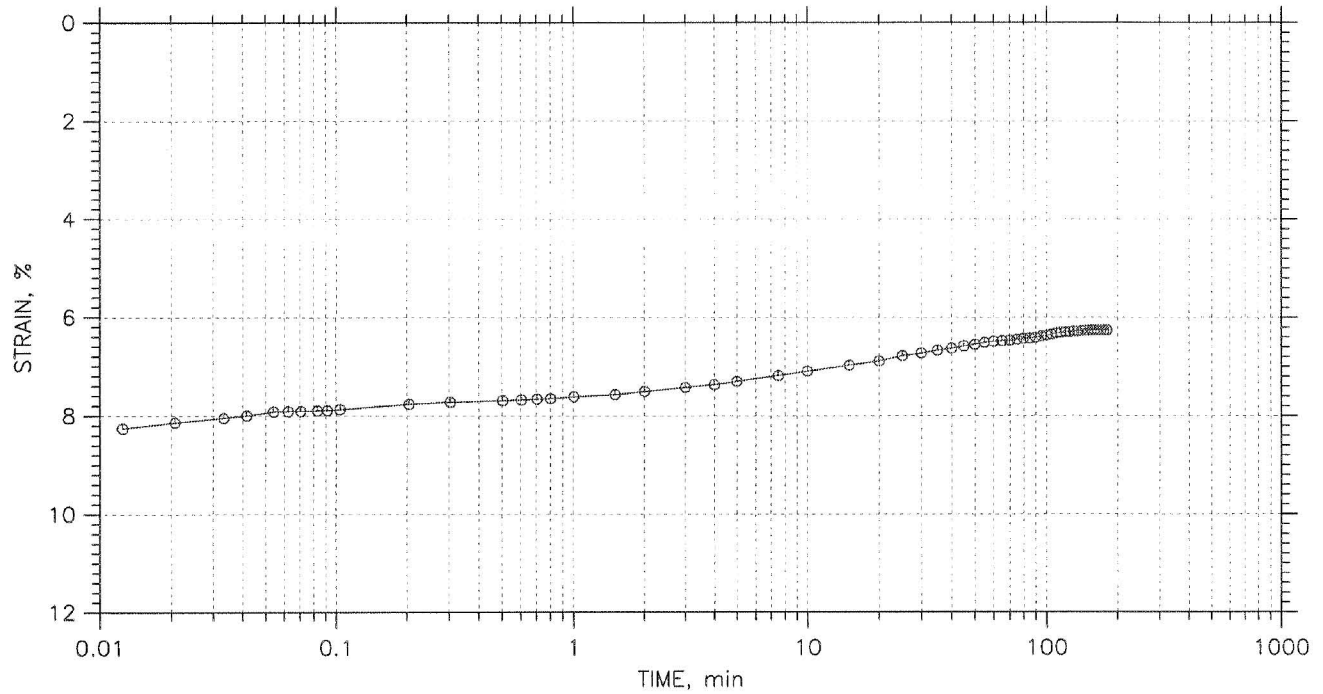
	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

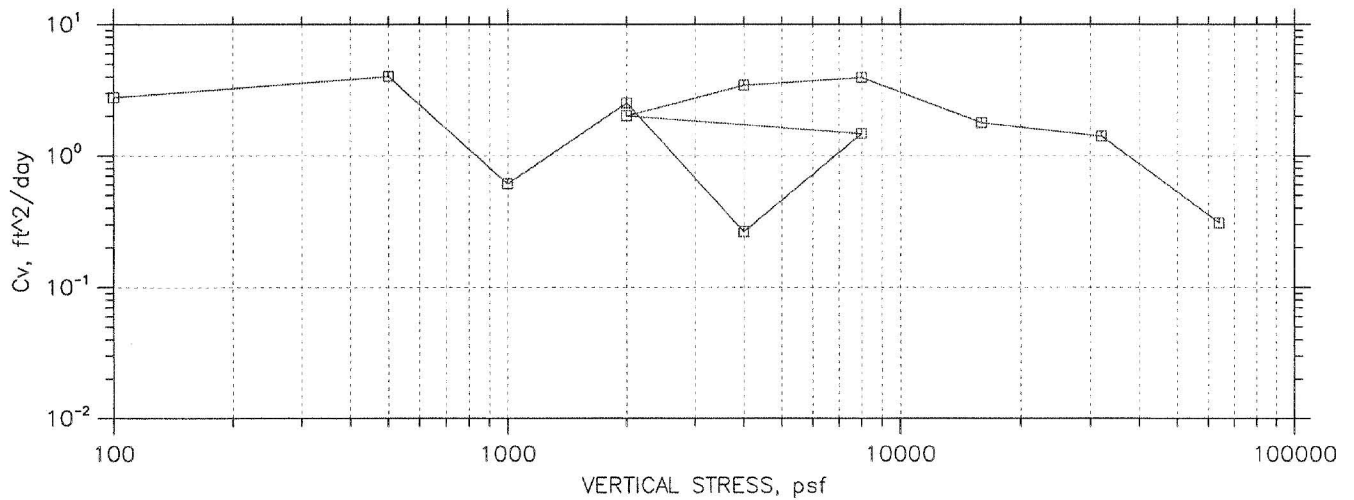
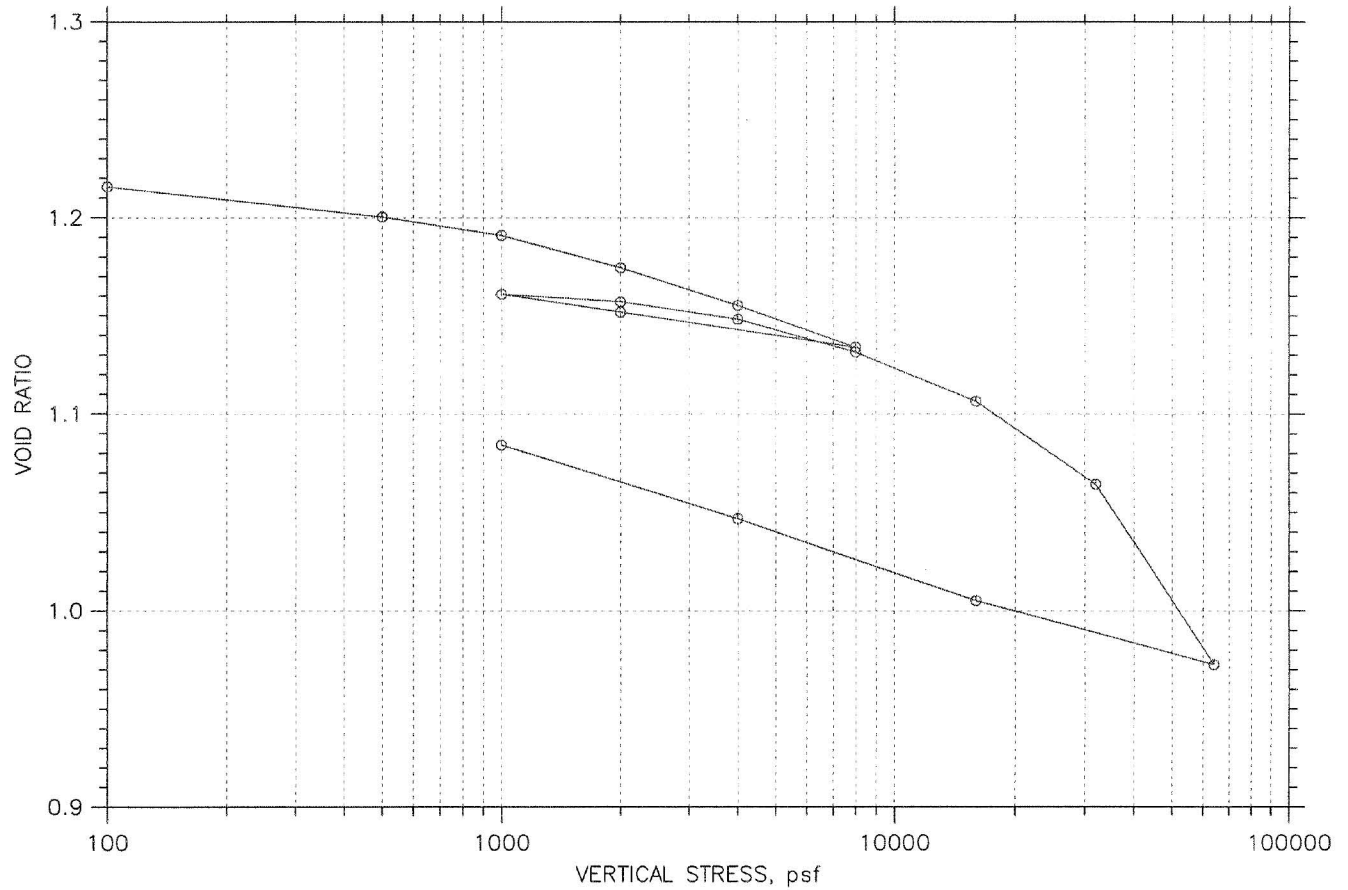
Constant Load Step: 17 of 17

Stress: 1000. psf



	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

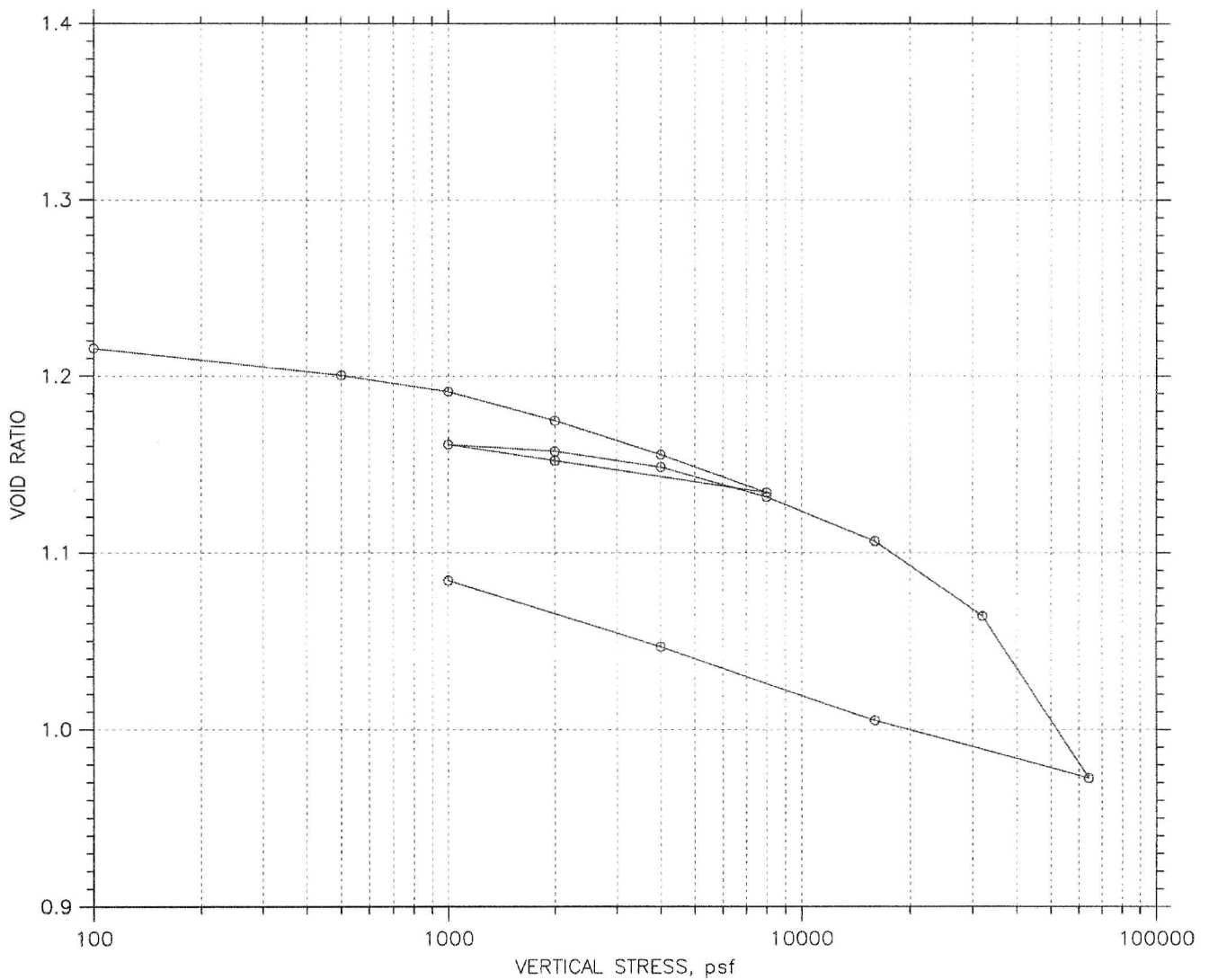
CONSOLIDATION TEST DATA SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/8/07	Depth: 95.50'
	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
	Description: SILT (MH)		
	Remarks:		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test	
Overburden Pressure: 0 psf				Water Content, %	42.49	42.60
Preconsolidation Pressure: 0 psf				Dry Unit Weight, pcf	75.81	80.87
Compression Index: 0				Saturation, %	93.76	106.08
Diameter: 2.5 in		Height: 1 in		Void Ratio	1.22	1.08
LL: 93	PL: 47	PI: 46	GS: 2.70			

	Project: Vogtle COL	Location: B-3035	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
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	Test No.: 7546	Sample Type: Undisturbed	Elevation: 123.84'
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	Remarks:		