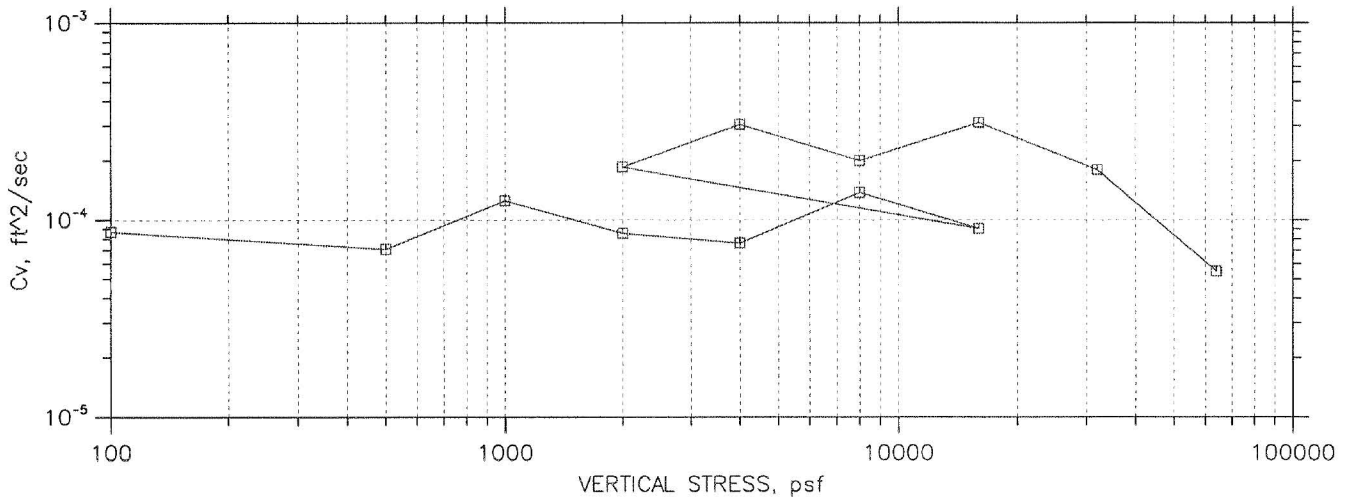
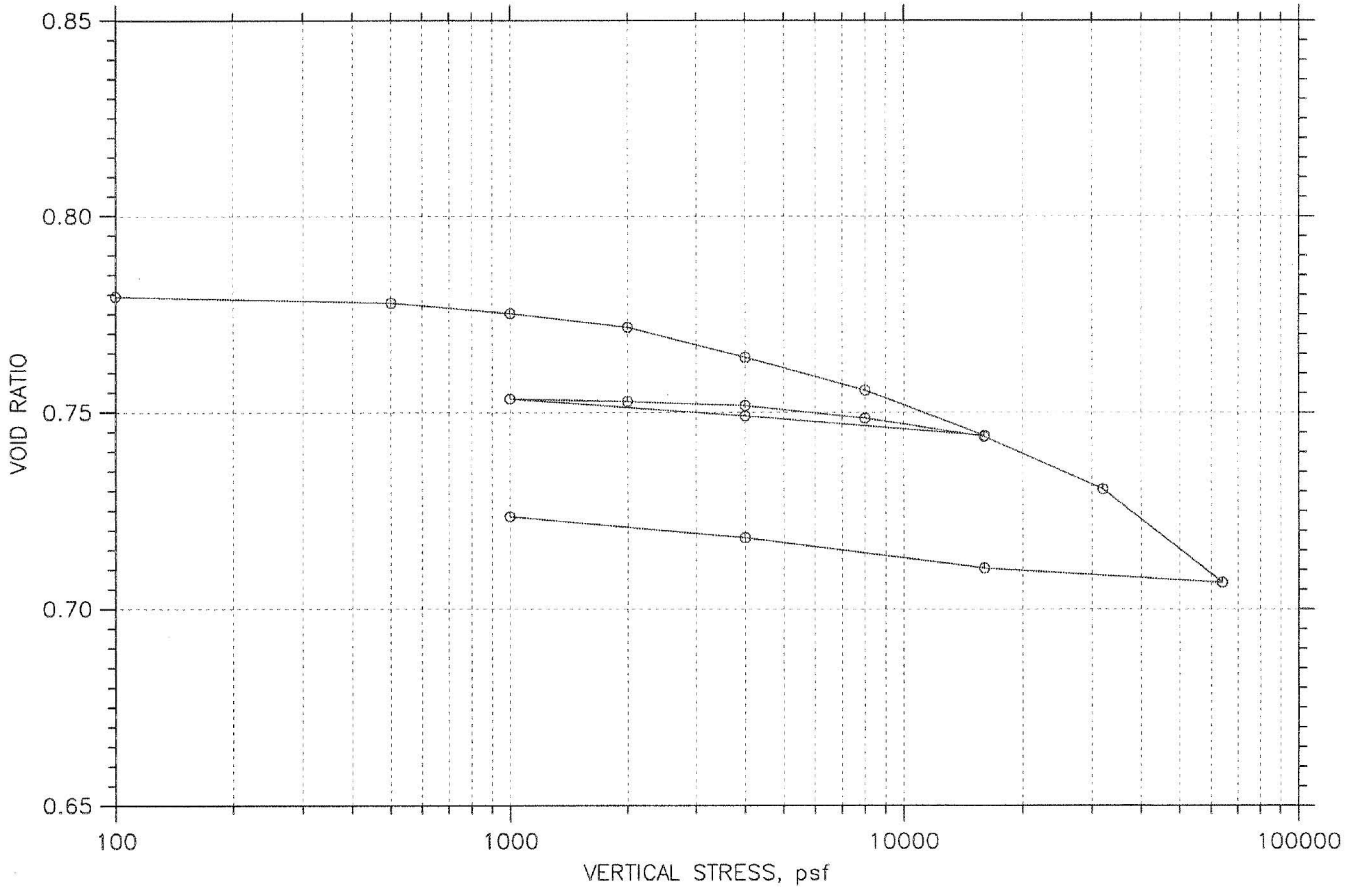


CONSOLIDATION TEST DATA

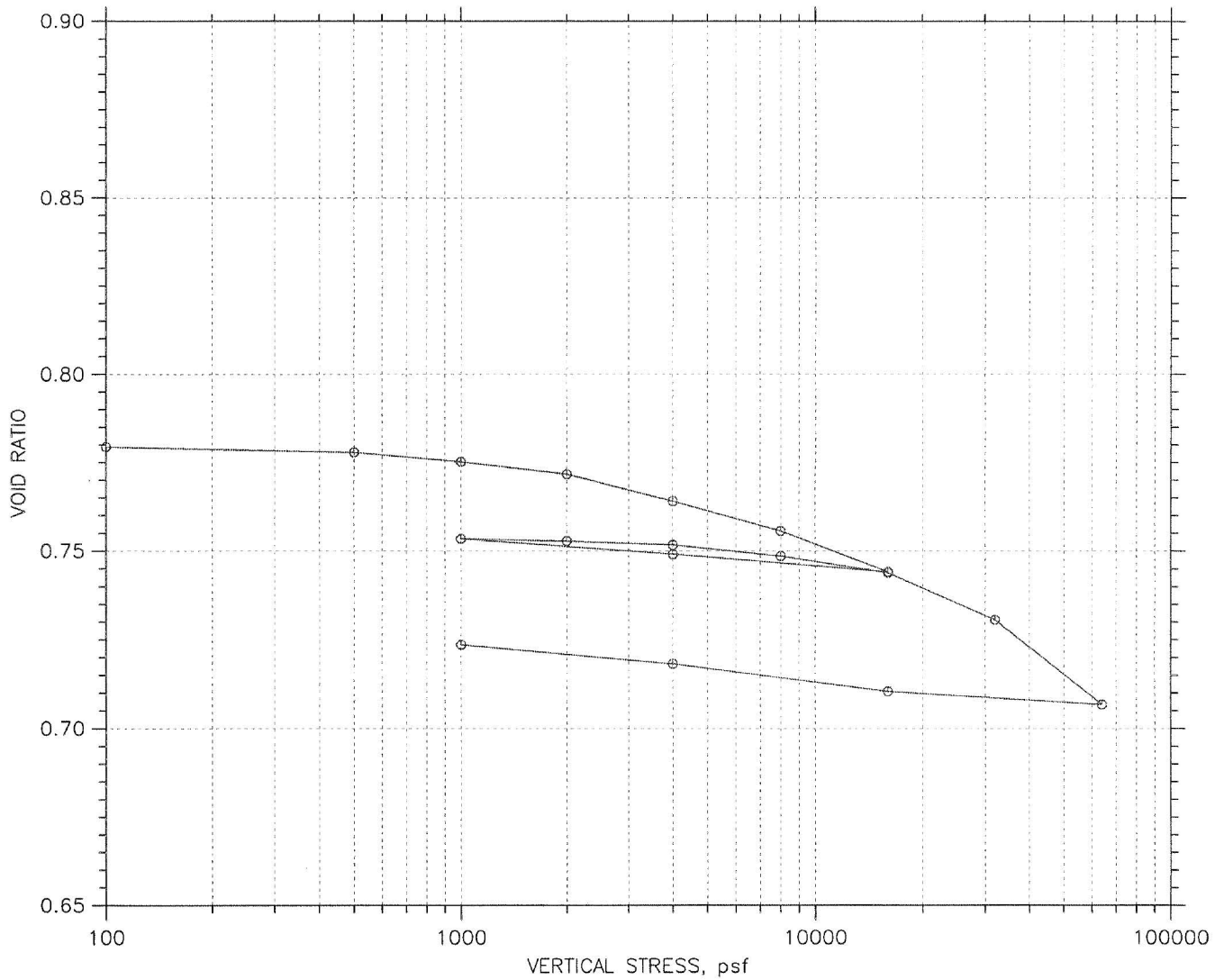
SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-5	Test Date: 5/18/07	Depth: 133.50'
	Test No.: 7496	Sample Type: Undisturbed	Elevation: 84.90'
	Description: CLAY, with Gravel (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

SUMMARY REPORT



		Before Test	After Test
Overburden Pressure: 0 psf		29.73	29.34
Preconsolidation Pressure: 0 psf		91.56	94.68
Compression Index: 0		99.36	106.01
Diameter: 2.5 in	Height: 1 in	0.78	0.72
LL: 47	PL: 23		
PI: 24	GS: 2.61		

MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-5	Test Date: 5/18/07	Depth: 133.50'
	Test No.: 7496	Sample Type: Undisturbed	Elevation: 84.90'
	Description: CLAY, with Gravel (CL) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

Project: Vogtle COL
 Boring No.: B-3001
 Sample No.: UD-5
 Test No.: 7496

Location: B-3001
 Tested By: BM
 Test Date: 5/18/07
 Sample Type: Undistrubed

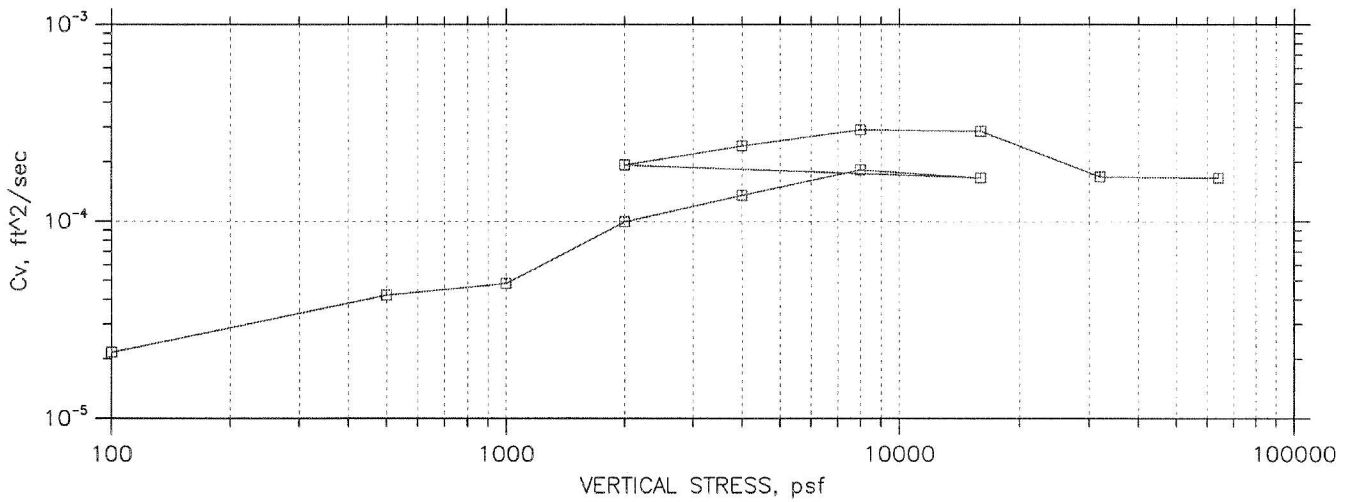
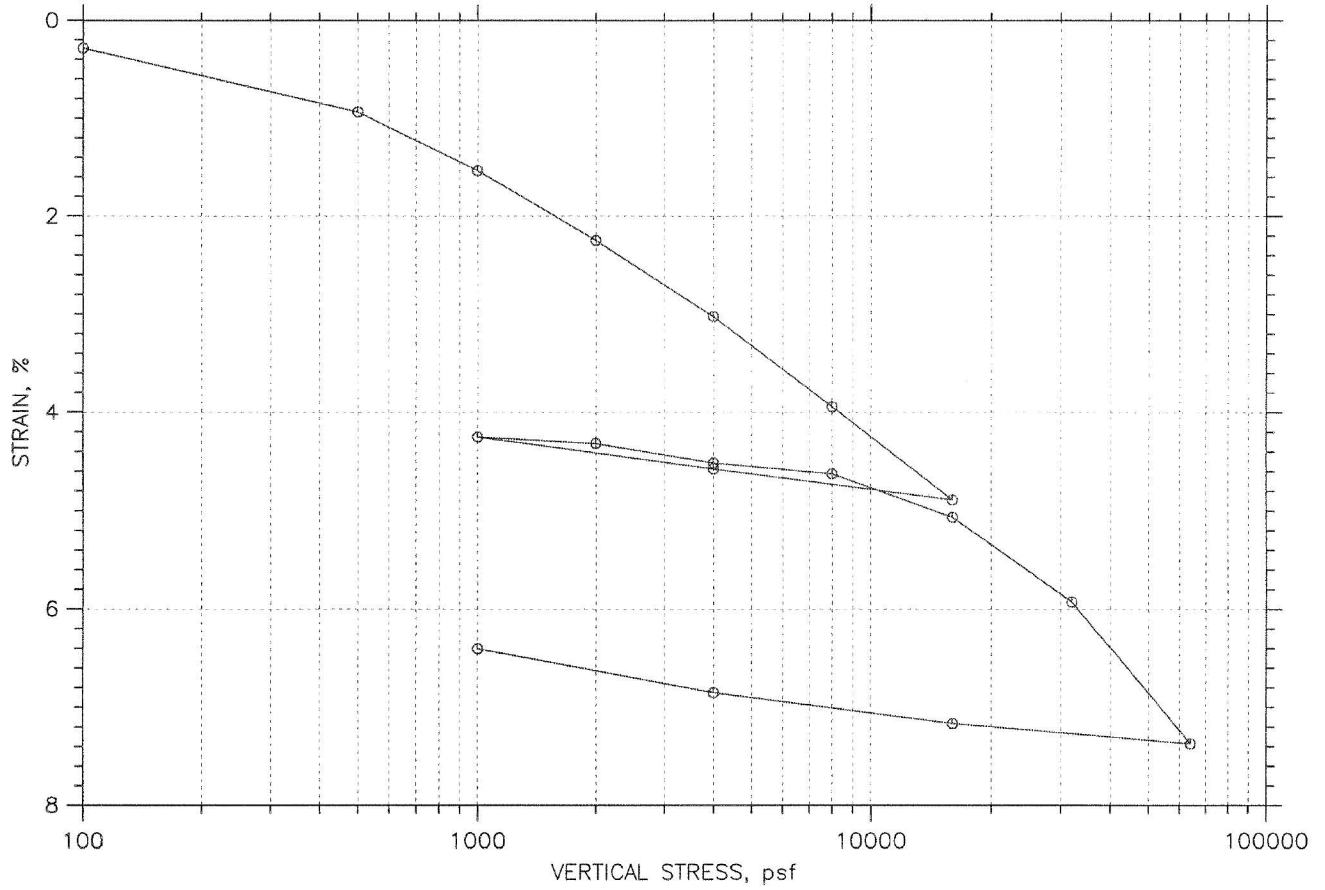
Project No.: 6141060286
 Checked By: HJ
 Depth: 133.50'
 Elevation: 84.90'

Soil Description: CLAY, with Gravel (CL) (Visual)
 Remarks:

	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	0.001547	0.779	0.15	0.1	0.0	8.69e-005	0.00e+000	8.69e-005
2	500	0.002467	0.778	0.25	0.1	0.0	7.08e-005	0.00e+000	7.08e-005
3	1e+003	0.003944	0.775	0.39	0.0	0.0	1.14e-004	1.39e-004	1.25e-004
4	2e+003	0.005926	0.772	0.59	0.1	0.1	6.90e-005	1.13e-004	8.55e-005
5	4e+003	0.01022	0.764	1.02	0.1	0.0	4.56e-005	2.36e-004	7.64e-005
6	8e+003	0.01495	0.756	1.49	0.1	0.0	1.07e-004	1.93e-004	1.38e-004
7	1.6e+004	0.02138	0.744	2.14	0.1	0.0	9.02e-005	0.00e+000	9.02e-005
8	4e+003	0.01859	0.749	1.86	0.0	0.0	3.04e-004	0.00e+000	3.04e-004
9	1e+003	0.01616	0.753	1.62	0.1	0.0	1.03e-004	1.76e-004	1.30e-004
10	2e+003	0.01651	0.753	1.65	0.0	0.0	1.86e-004	0.00e+000	1.86e-004
11	4e+003	0.01712	0.752	1.71	0.0	0.0	3.05e-004	0.00e+000	3.05e-004
12	8e+003	0.0189	0.749	1.89	0.0	0.0	2.00e-004	0.00e+000	2.00e-004
13	1.6e+004	0.02153	0.744	2.15	0.0	0.0	3.12e-004	0.00e+000	3.12e-004
14	3.2e+004	0.02903	0.731	2.90	0.0	0.0	1.35e-004	2.69e-004	1.80e-004
15	6.4e+004	0.0424	0.707	4.24	0.2	0.0	3.19e-005	1.96e-004	5.48e-005
16	1.6e+004	0.04033	0.710	4.03	0.0	0.0	1.78e-004	0.00e+000	1.78e-004
17	4e+003	0.03598	0.718	3.60	0.0	0.0	2.65e-004	2.32e-004	2.47e-004
18	1e+003	0.03293	0.724	3.29	0.1	0.0	7.67e-005	1.29e-004	9.62e-005

CONSOLIDATION TEST DATA

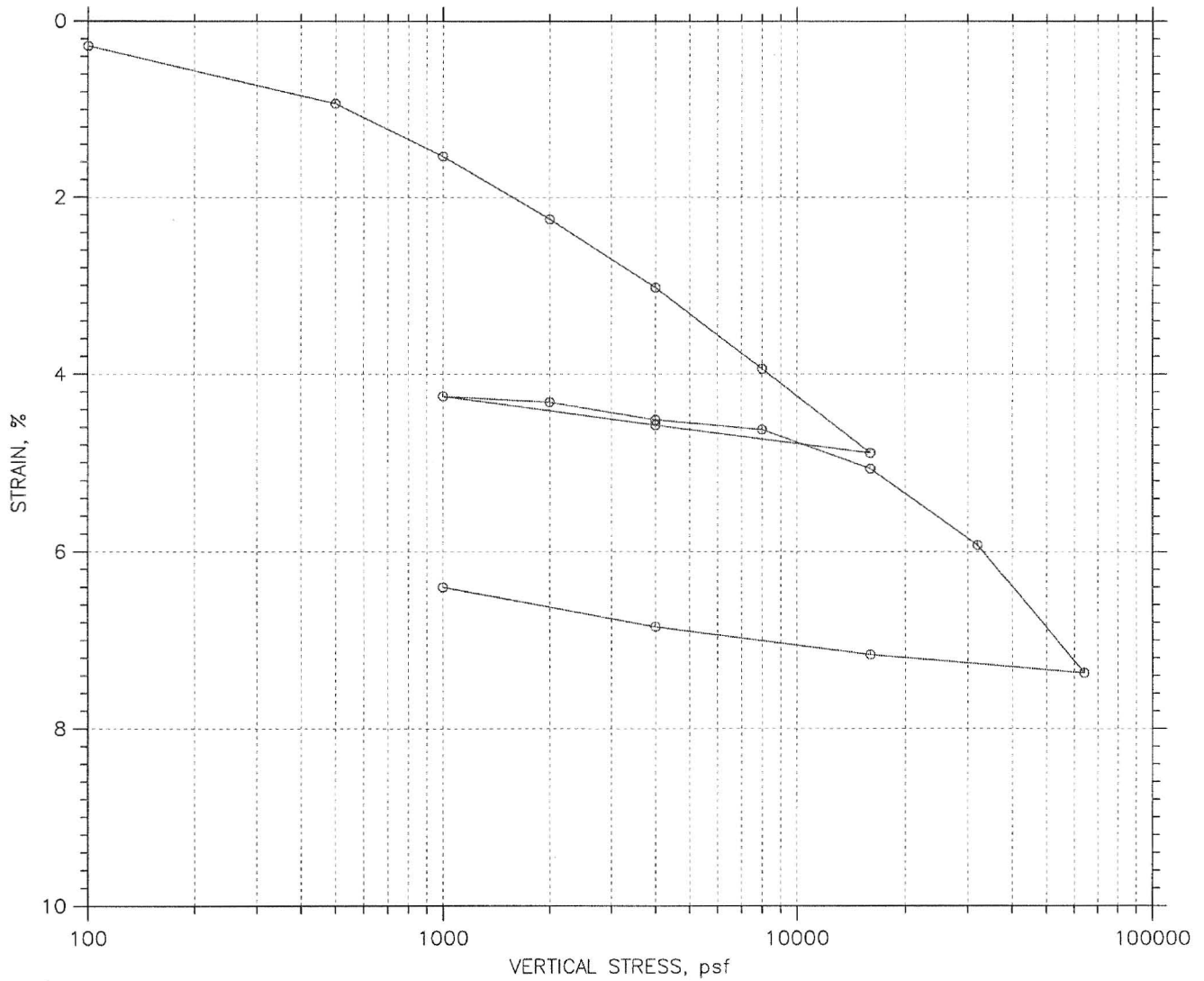
SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ <i>HJ 10/24/07</i>
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

SUMMARY REPORT

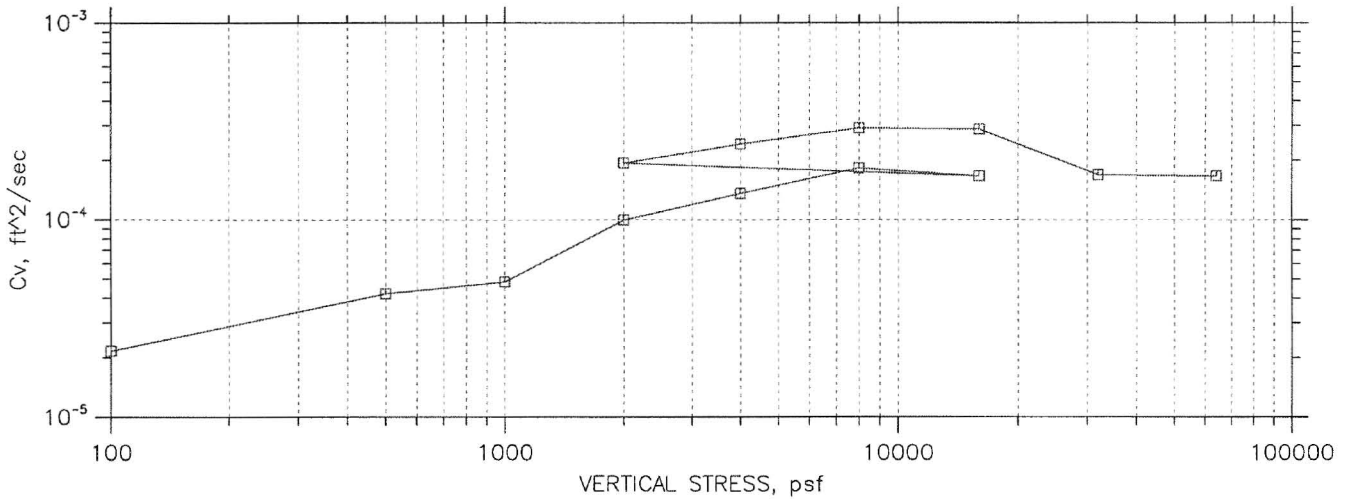
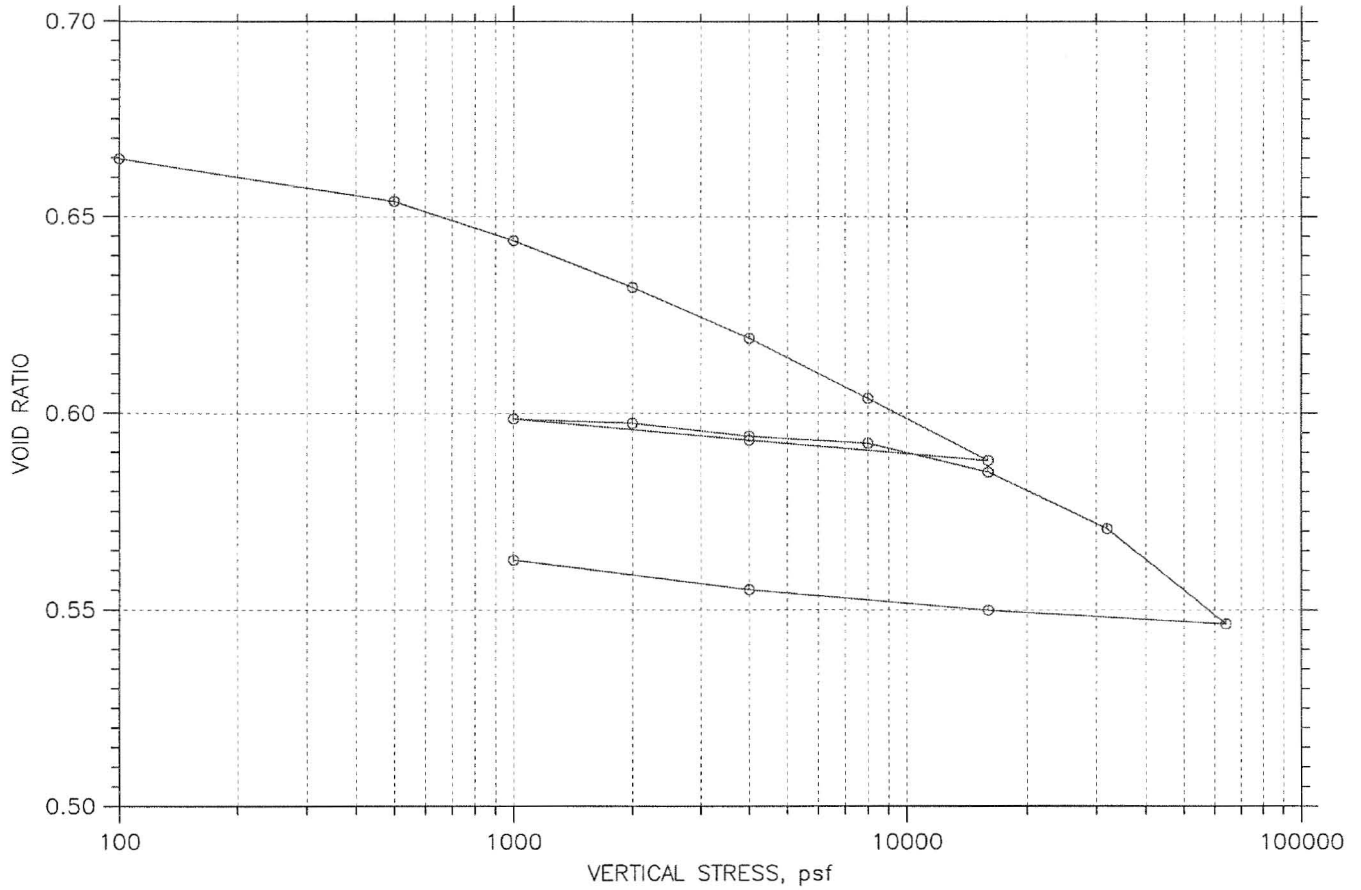


				Before Test	After Test
Overburden Pressure: 1.5e+004 psf				24.22	24.29
Preconsolidation Pressure: 0 psf				99.09	105.9
Compression Index: 0.065				95.85	114.40
Diameter: 2.5 in		Height: 1 in		0.67	0.56
LL: 43	PL: 24	PI: 19	GS: 2.65		

MACTEC	Project: Vogtle COL		Location: B-3001		Project No.: 6141060286	
	Boring No.: B-3001		Tested By: BM		Checked By: HJ <i>HJ 10/30/07</i>	
	Sample No.: UD-8		Test Date: 5/22/07		Depth: 173.50'	
	Test No.: 7498		Sample Type: Undisturbed		Elevation: 44.90'	
	Description: SAND, with clay (SP-SC) (Visual)					
	Remarks: Cr= 0.009					

CONSOLIDATION TEST DATA

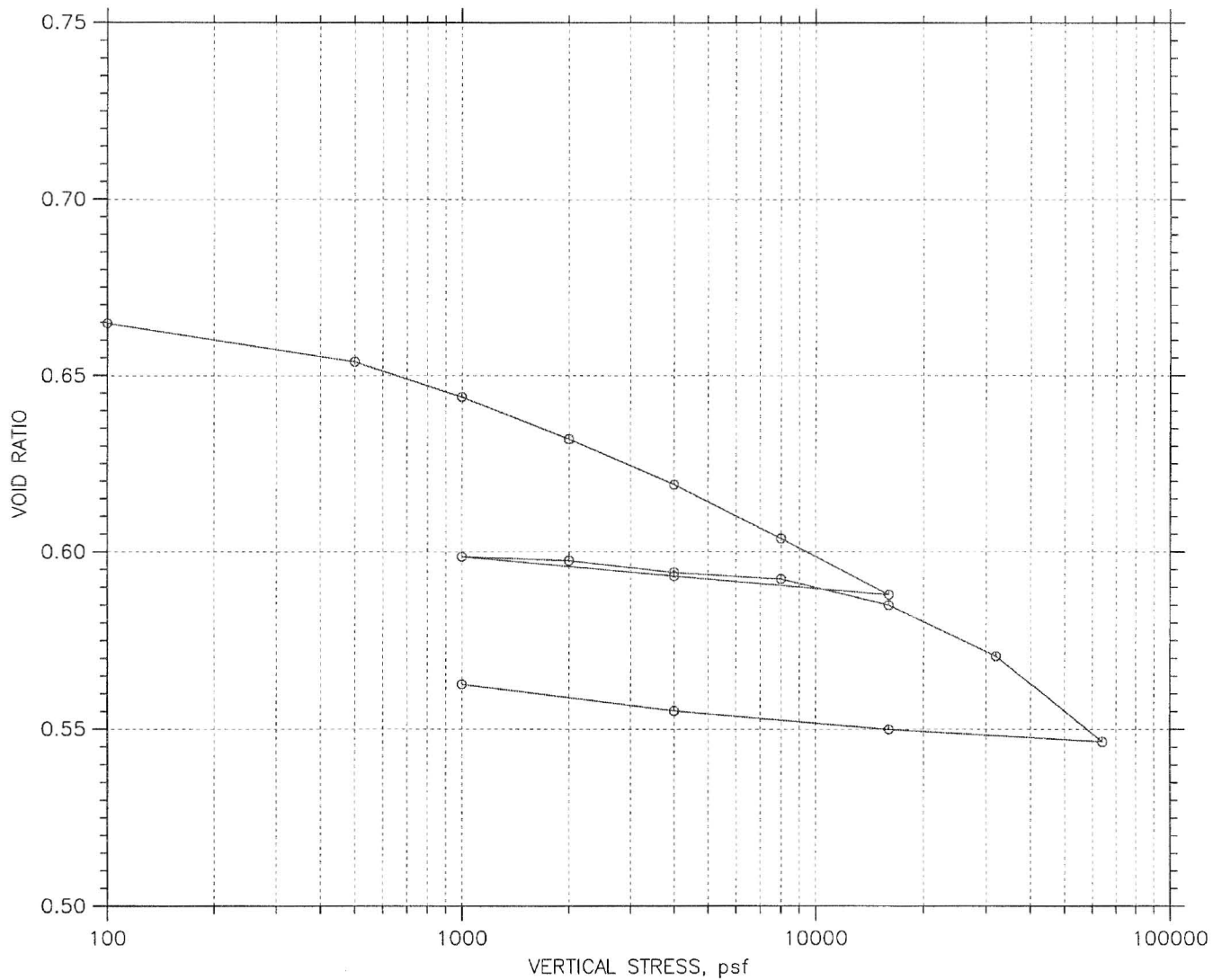
SUMMARY REPORT



MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ <i>HJ 10/30/07</i>
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks: Cr= 0.009		

CONSOLIDATION TEST DATA

SUMMARY REPORT



				Before Test	After Test
Overburden Pressure: 1.5e+004 psf				24.22	24.29
Preconsolidation Pressure: 0 psf				99.09	105.9
Compression Index: 0.065				95.85	114.40
Diameter: 2.5 in		Height: 1 in		0.67	0.56
LL: 43	PL: 24	PI: 19	GS: 2.65		

MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ <i>10/30/07</i>
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks: Cr= 0.009		

CONSOLIDATION TEST DATA

Project: Vogtle COL
 Boring No.: B-3001
 Sample No.: UD-8
 Test No.: 7498

Location: B-3001
 Tested By: BM
 Test Date: 5/22/07
 Sample Type: Undisturbed

Project No.: 6141060286
 Checked By: HJ
 Depth: 173.50'
 Elevation: 44.90'

Soil Description: SAND, with clay (SP-SC) (Visual)
 Remarks: Cr= 0.009

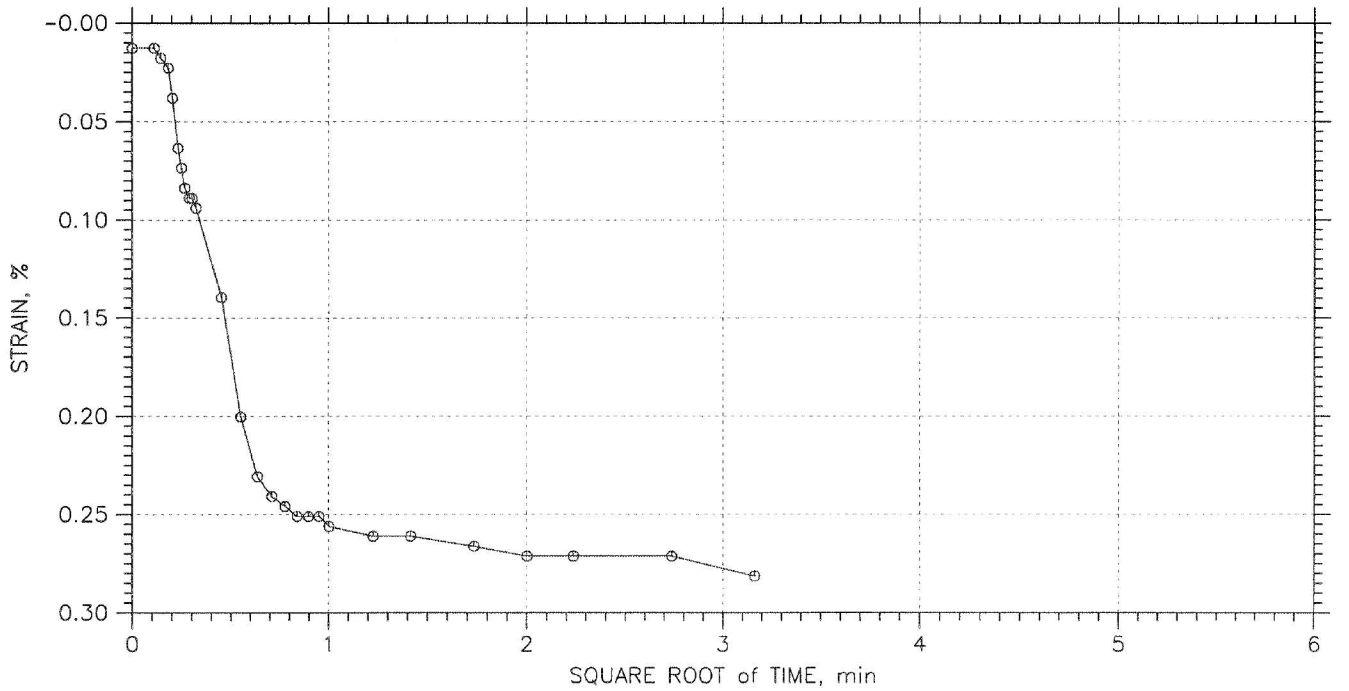
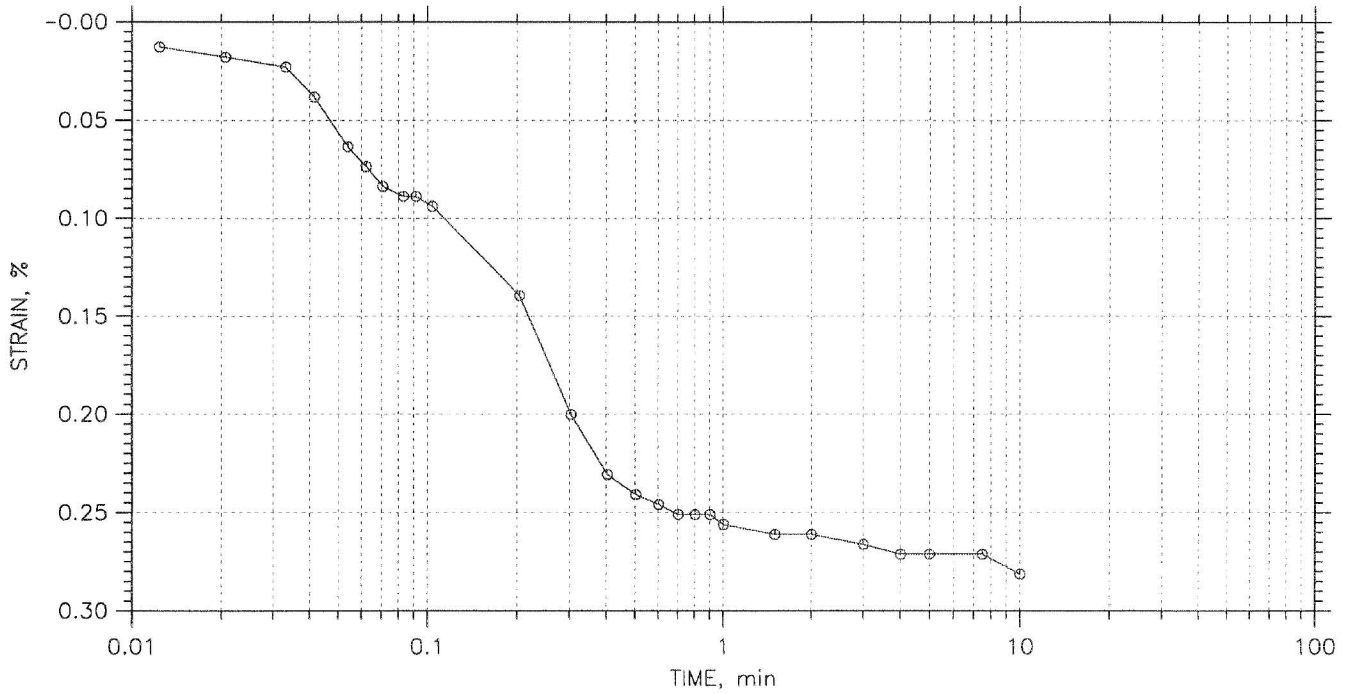
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting		Coefficient of Consolidation		
					Sq.Rt. min	Log min	Sq.Rt. ft ² /sec	Log ft ² /sec	Ave. ft ² /sec
1	100	0.002814	0.665	0.28	0.3	0.0	2.16e-005	0.00e+000	2.16e-005
2	500	0.009359	0.654	0.94	0.1	0.1	3.83e-005	4.69e-005	4.21e-005
3	1e+003	0.01535	0.644	1.53	0.1	0.1	5.19e-005	4.53e-005	4.84e-005
4	2e+003	0.0225	0.632	2.25	0.1	0.0	7.92e-005	1.34e-004	9.95e-005
5	4e+003	0.03024	0.619	3.02	0.0	0.0	1.27e-004	1.45e-004	1.35e-004
6	8e+003	0.03942	0.604	3.94	0.0	0.0	1.82e-004	0.00e+000	1.82e-004
7	1.6e+004	0.04889	0.588	4.89	0.0	0.0	1.66e-004	0.00e+000	1.66e-004
8	4e+003	0.04575	0.593	4.58	0.0	0.0	2.87e-004	0.00e+000	2.87e-004
9	1e+003	0.04251	0.599	4.25	0.0	0.0	1.68e-004	0.00e+000	1.68e-004
10	2e+003	0.04317	0.597	4.32	0.0	0.0	1.93e-004	0.00e+000	1.93e-004
11	4e+003	0.04515	0.594	4.51	0.0	0.0	2.42e-004	0.00e+000	2.42e-004
12	8e+003	0.04626	0.592	4.63	0.0	0.0	2.91e-004	0.00e+000	2.91e-004
13	1.6e+004	0.05067	0.585	5.07	0.0	0.0	2.86e-004	0.00e+000	2.86e-004
14	3.2e+004	0.05928	0.571	5.93	0.0	0.0	1.68e-004	0.00e+000	1.68e-004
15	6.4e+004	0.07372	0.546	7.37	0.0	0.0	1.66e-004	0.00e+000	1.66e-004
16	1.6e+004	0.07165	0.550	7.16	0.0	0.0	1.67e-004	0.00e+000	1.67e-004
17	4e+003	0.06851	0.555	6.85	0.0	0.0	2.52e-004	0.00e+000	2.52e-004
18	1e+003	0.06405	0.563	6.40	0.0	0.0	1.48e-004	1.40e-004	1.44e-004

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 18

Stress: 100. psf



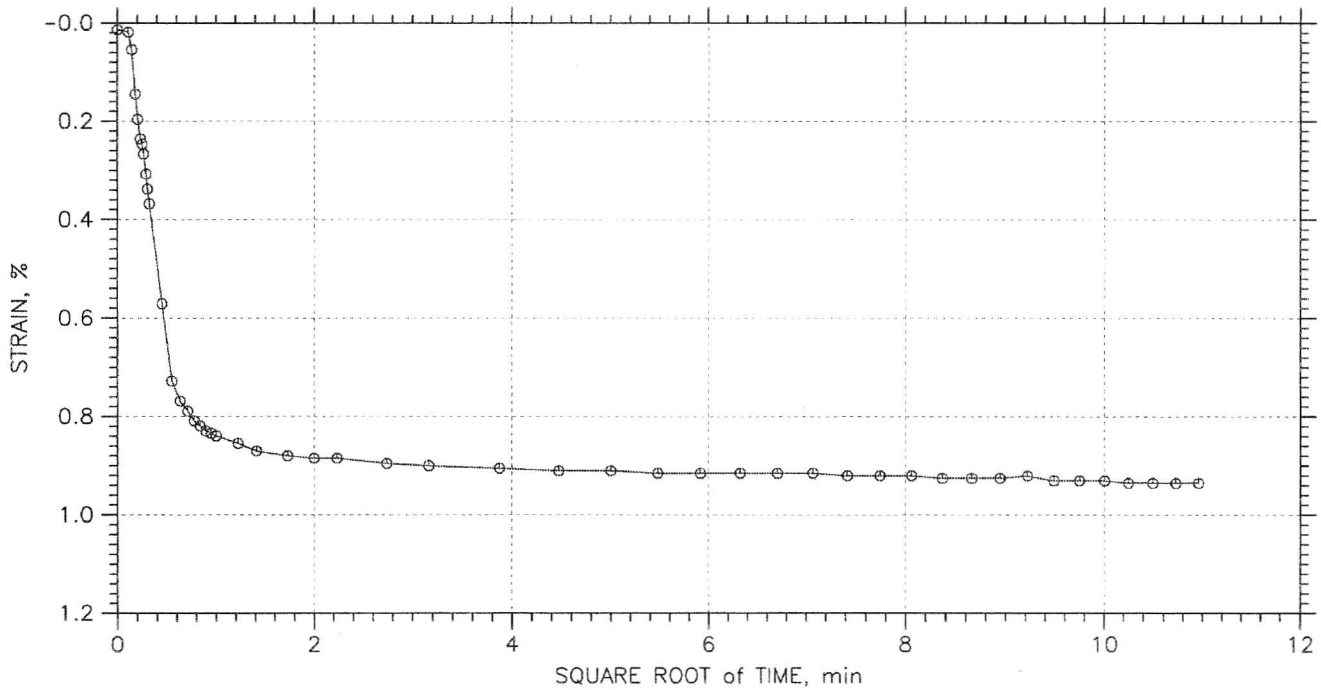
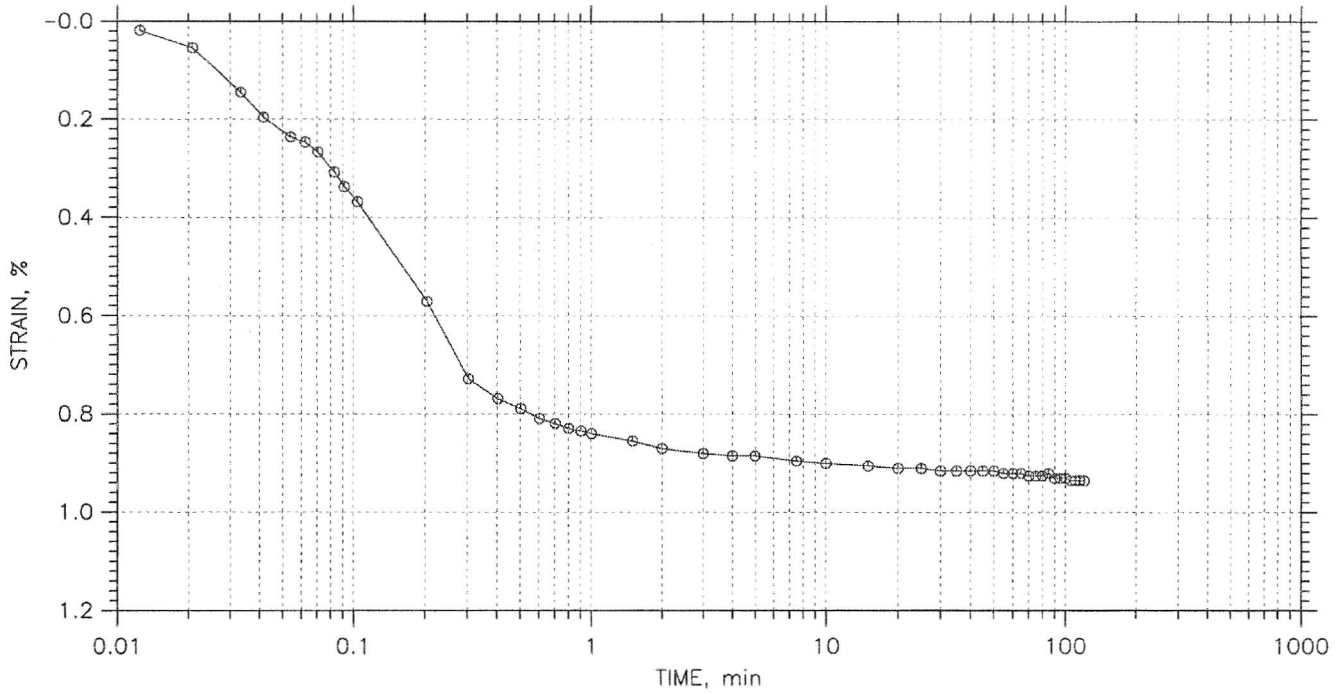
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 18

Stress: 500. psf



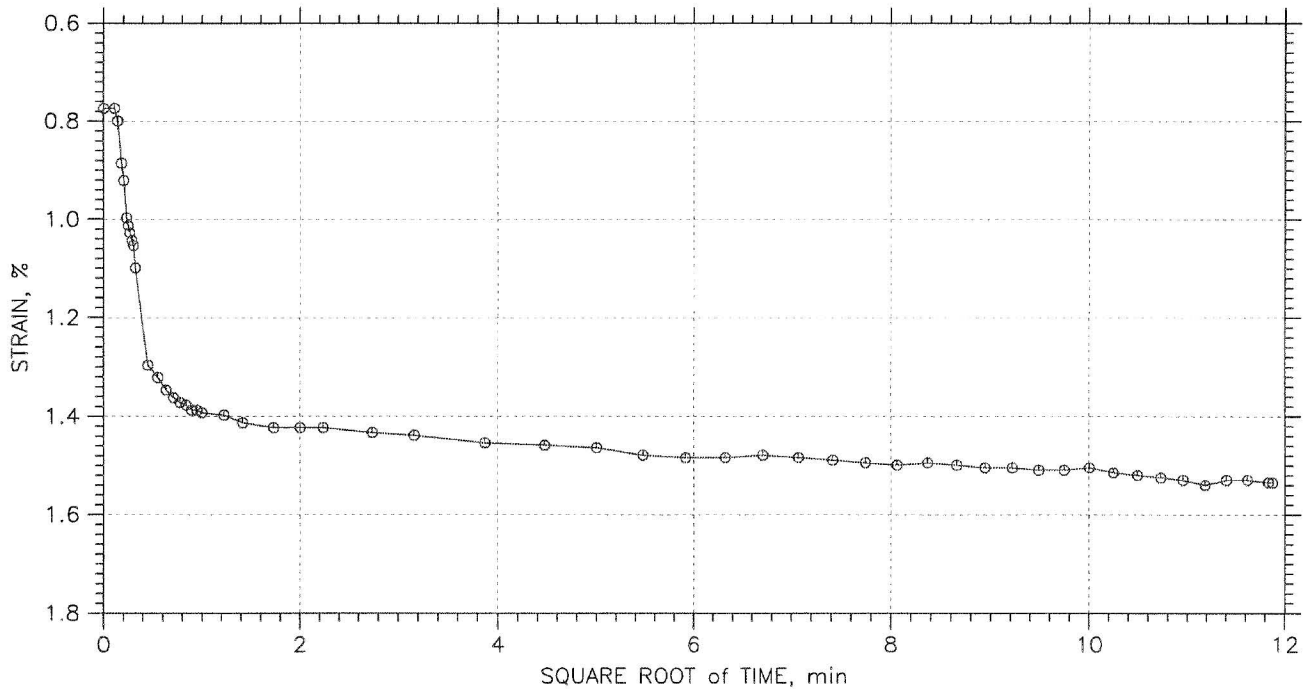
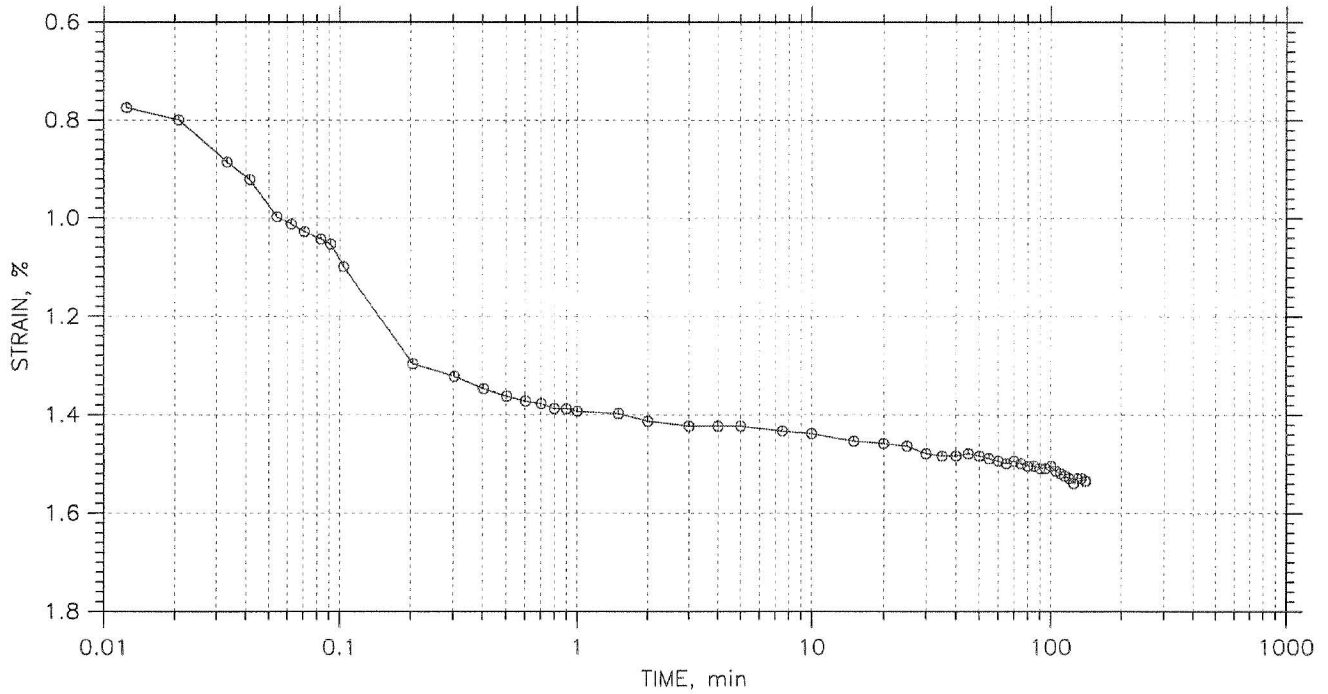
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 18

Stress: 1000. psf



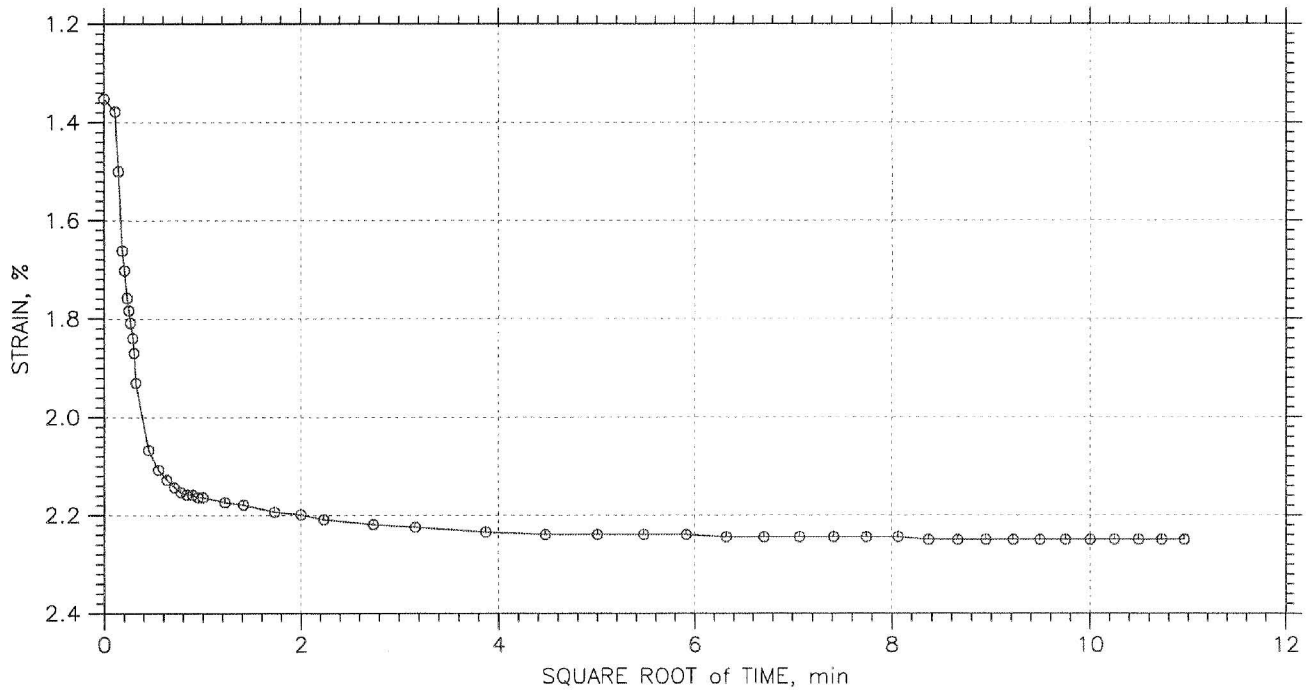
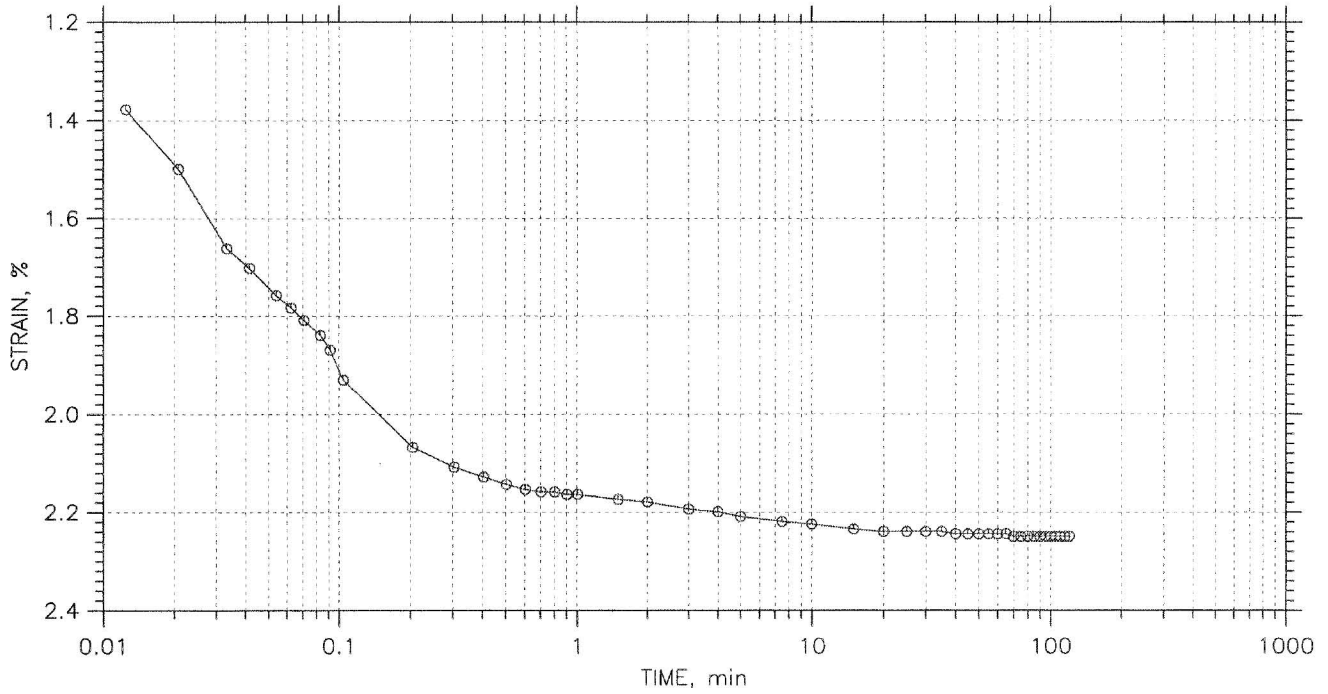
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 18

Stress: 2000. psf



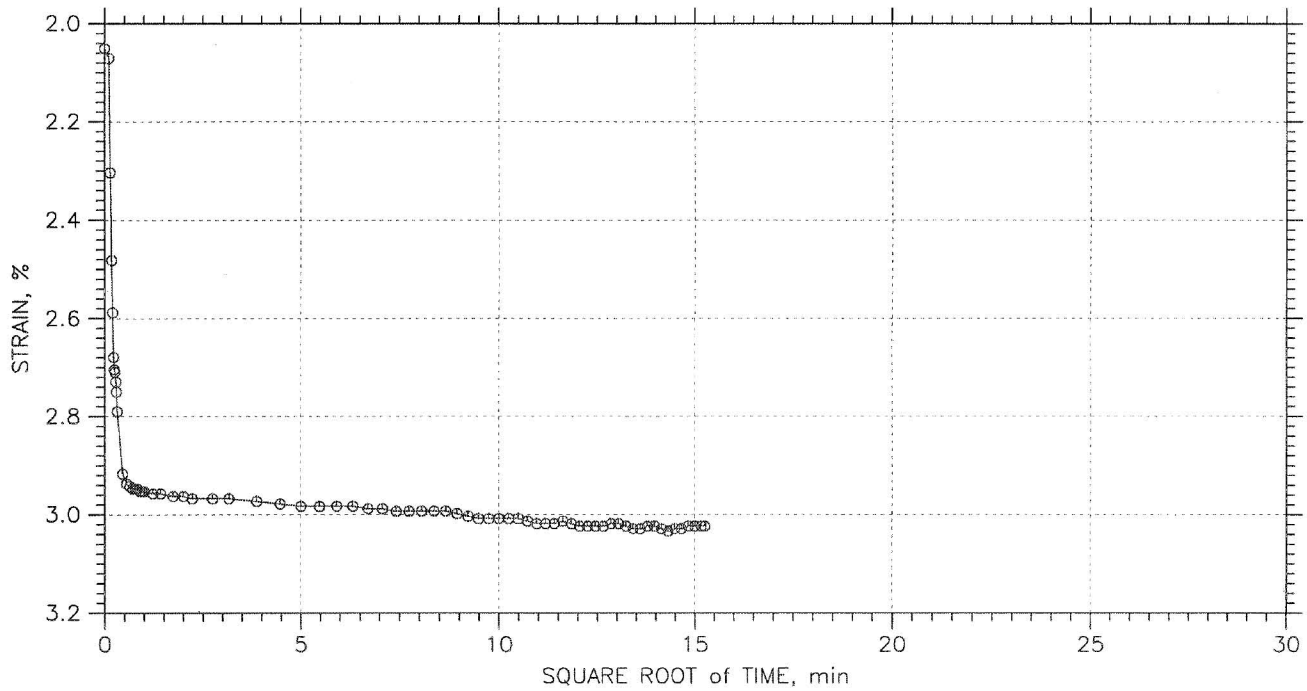
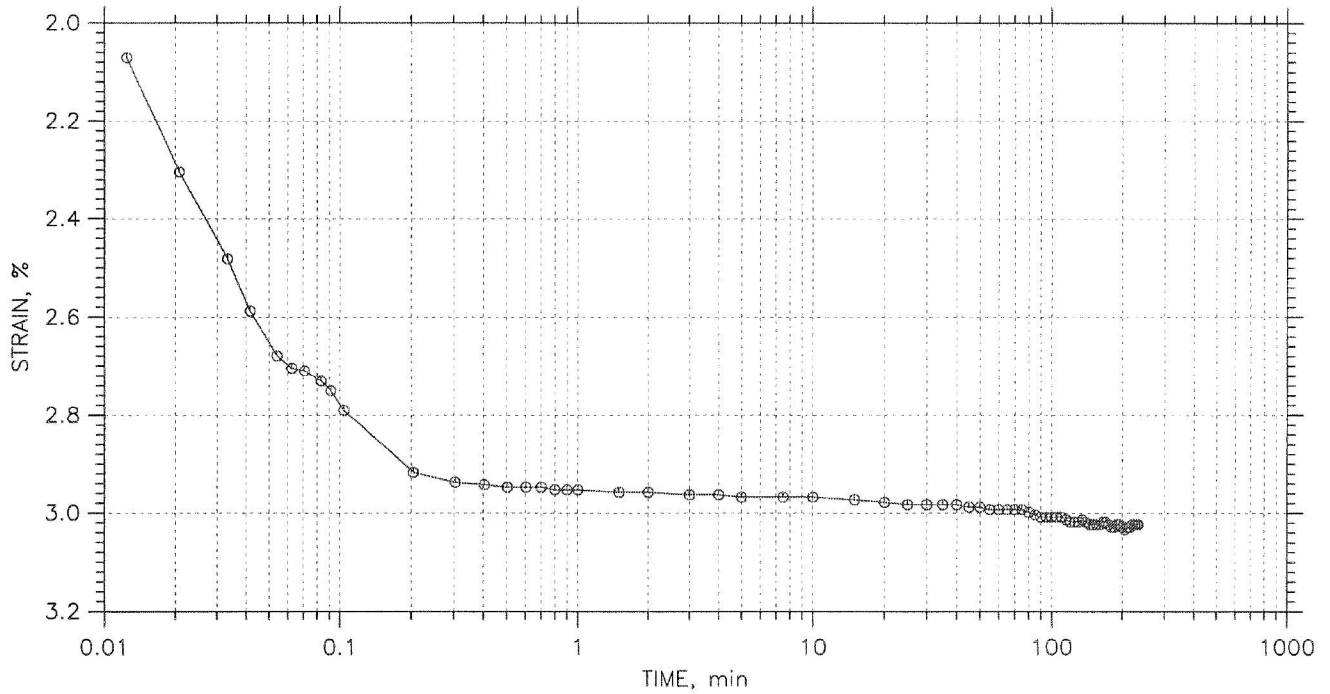
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 18

Stress: 4000. psf



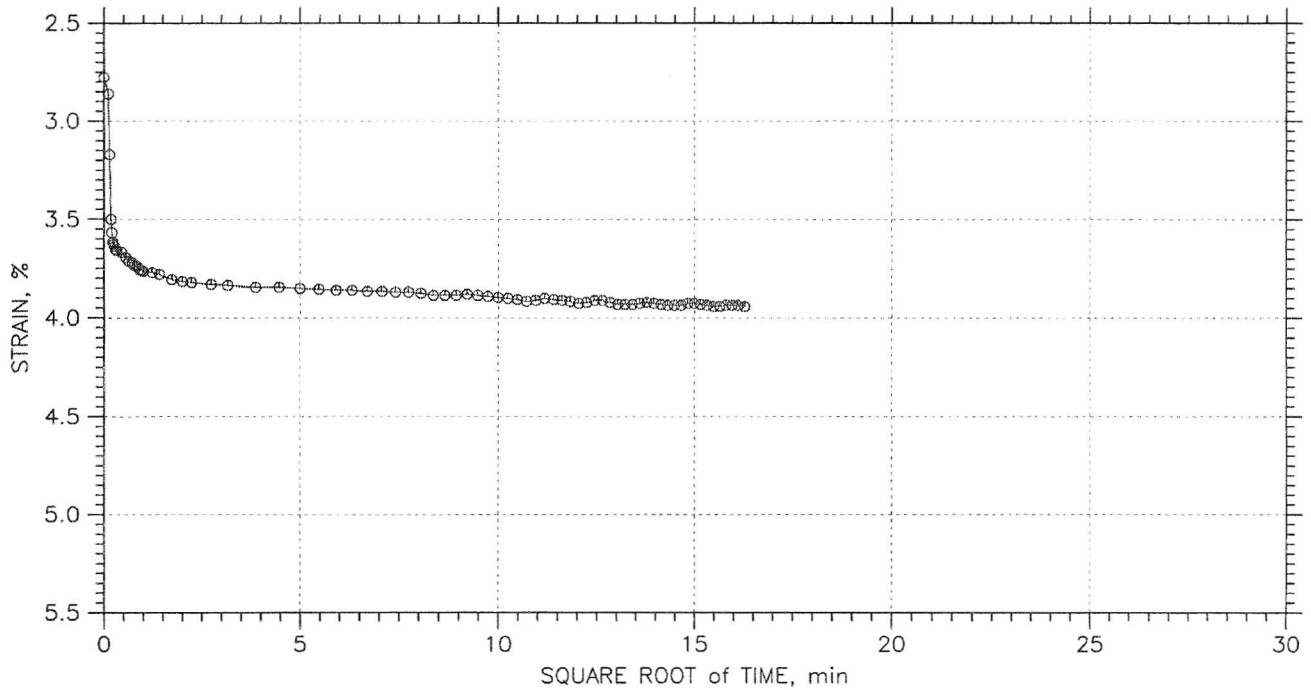
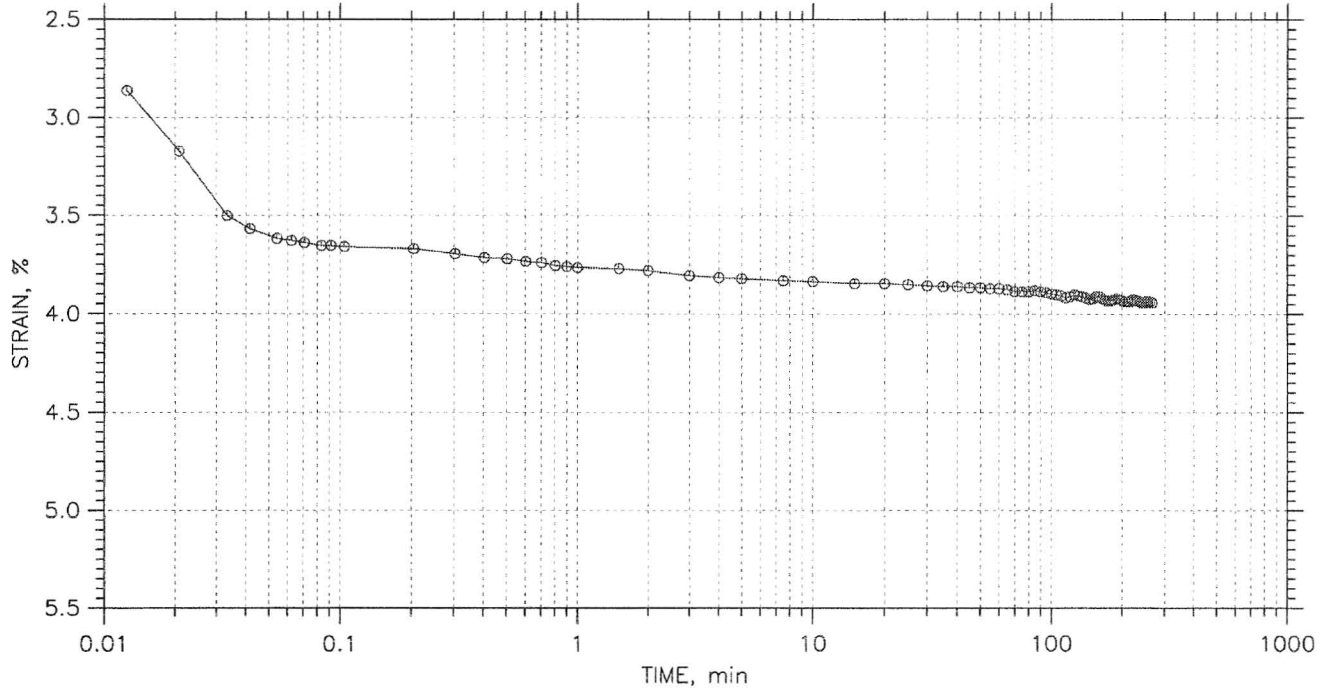
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 18

Stress: 8000. psf



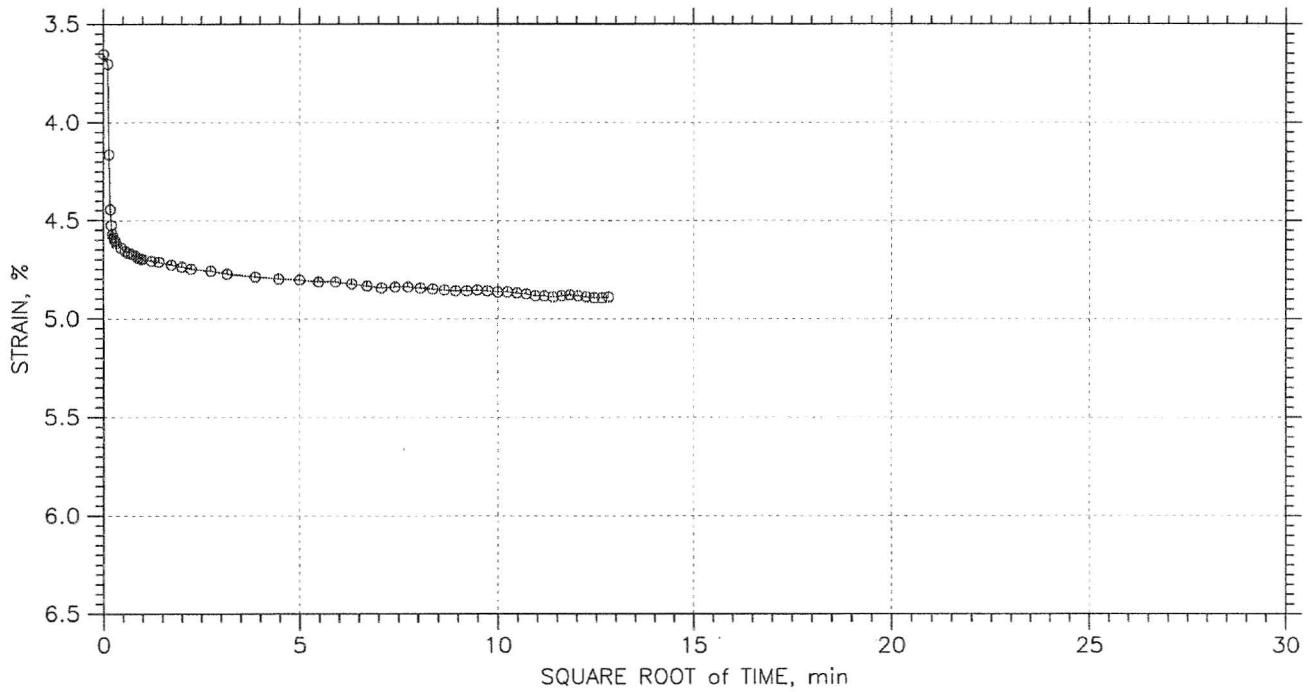
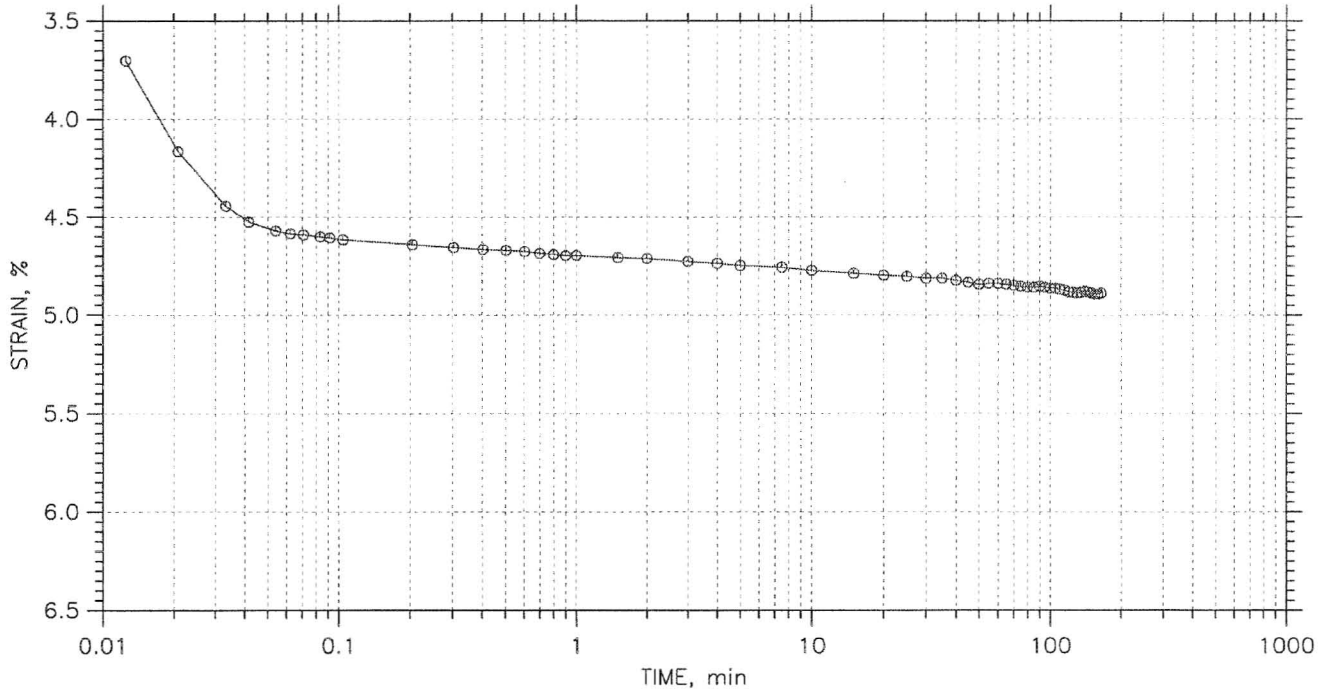
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 18

Stress: 16000 psf



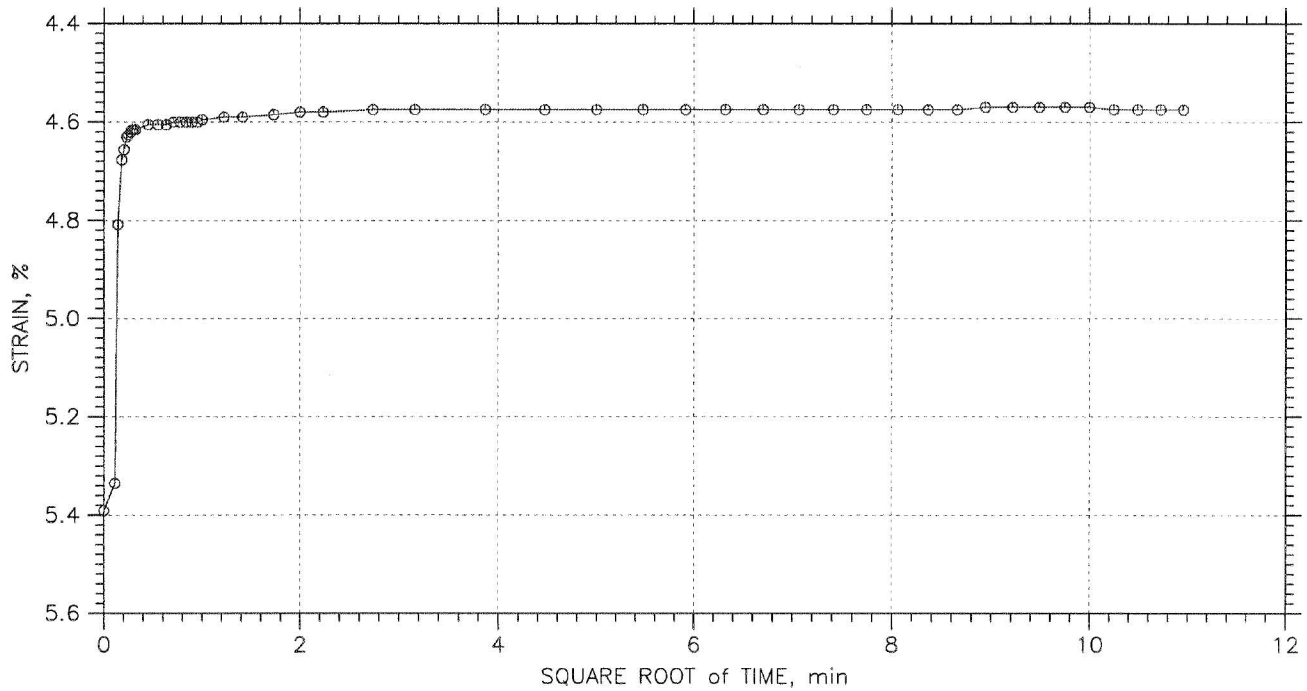
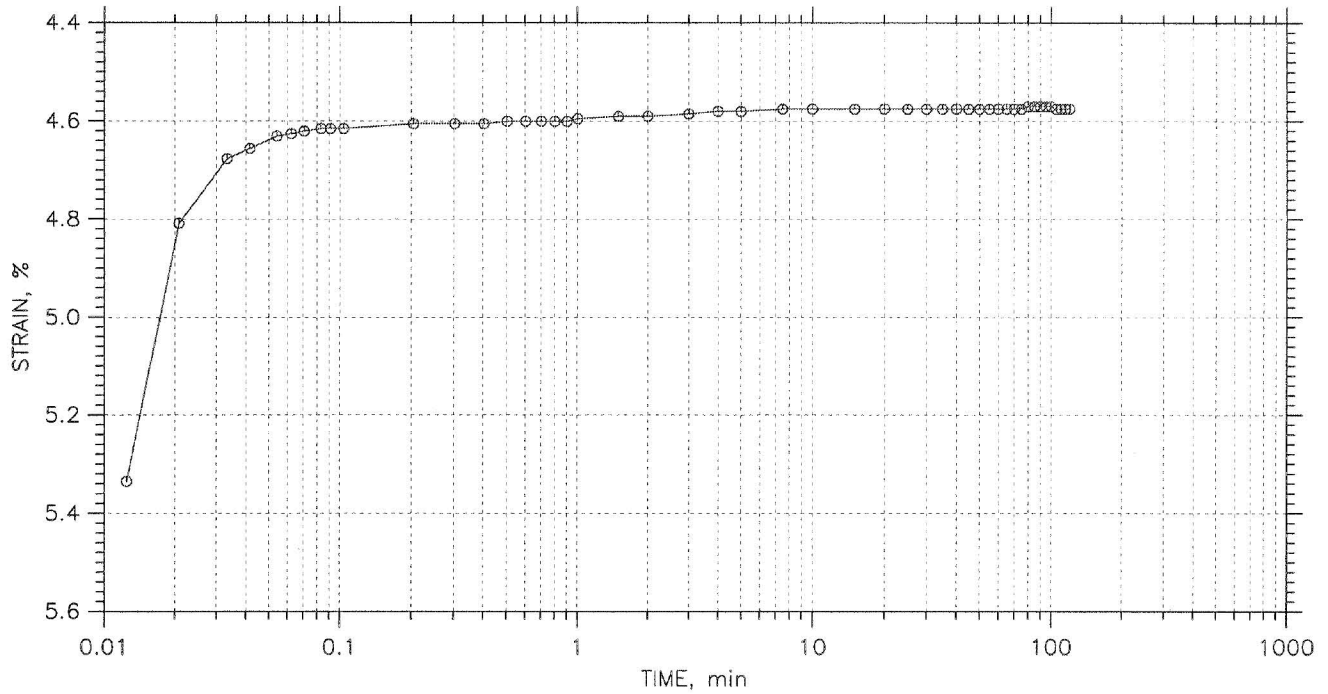
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 18

Stress: 4000. psf



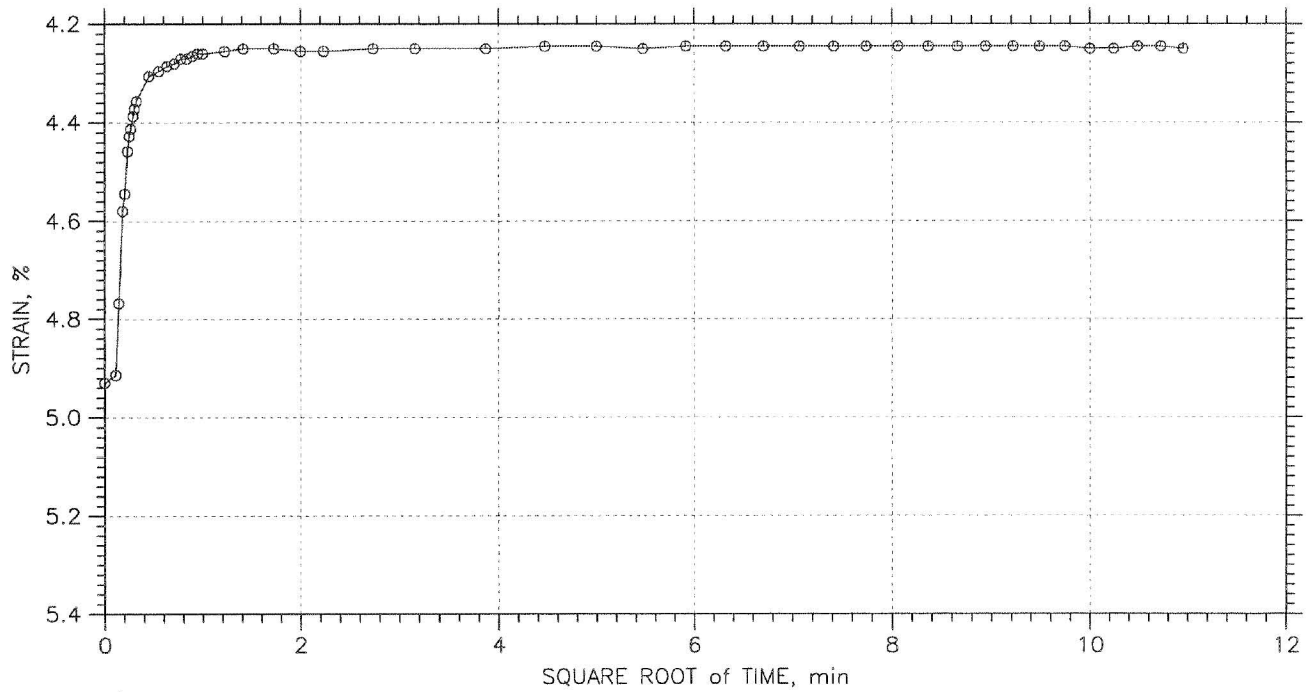
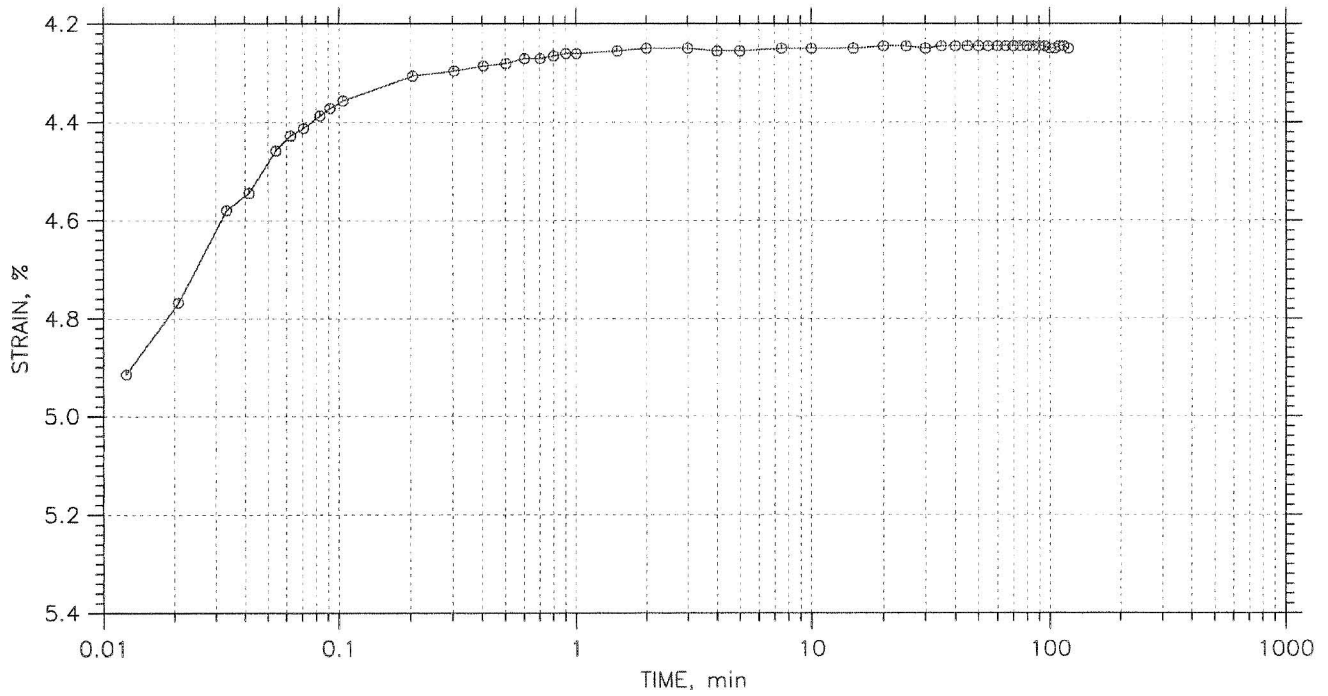
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 18

Stress: 1000. psf



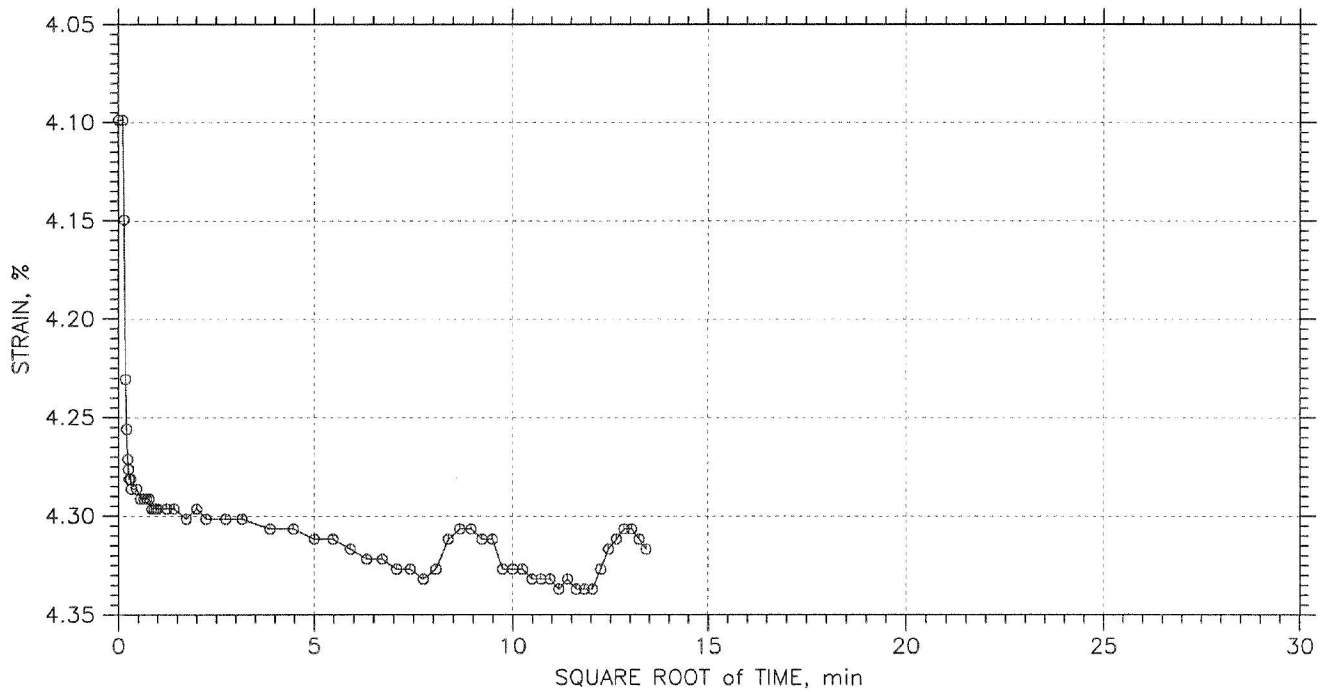
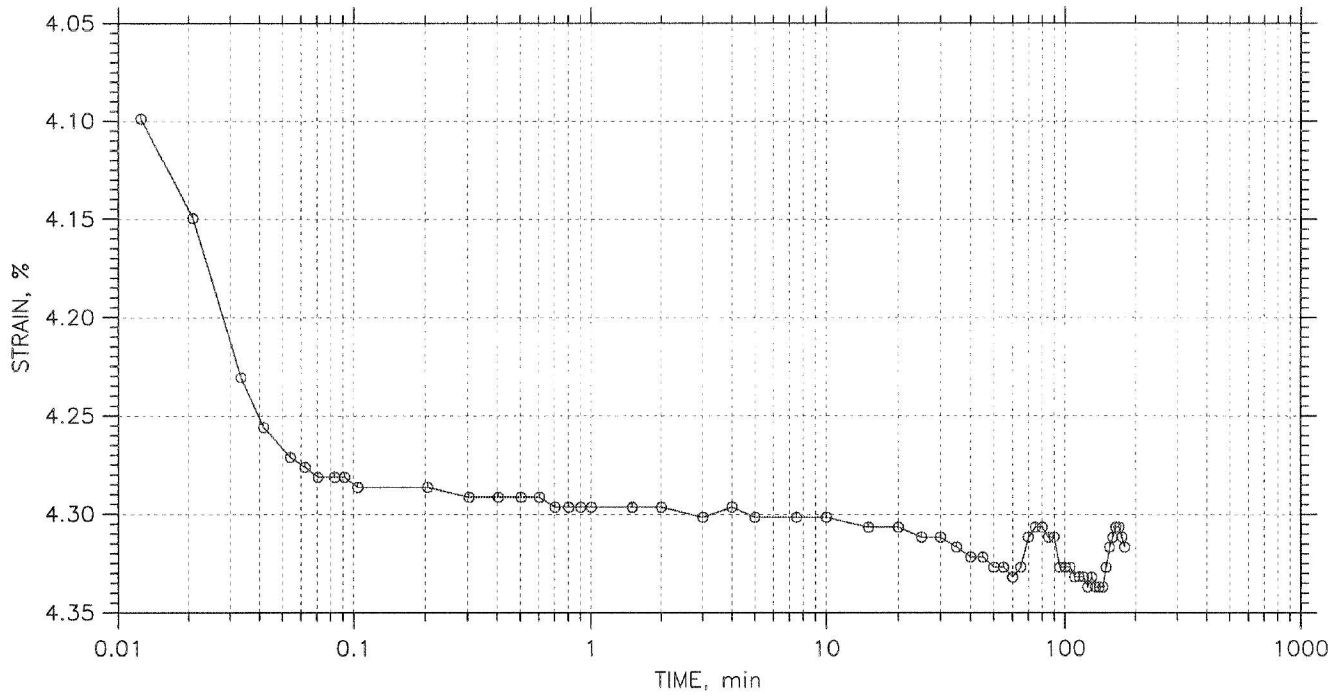
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 18

Stress: 2000. psf



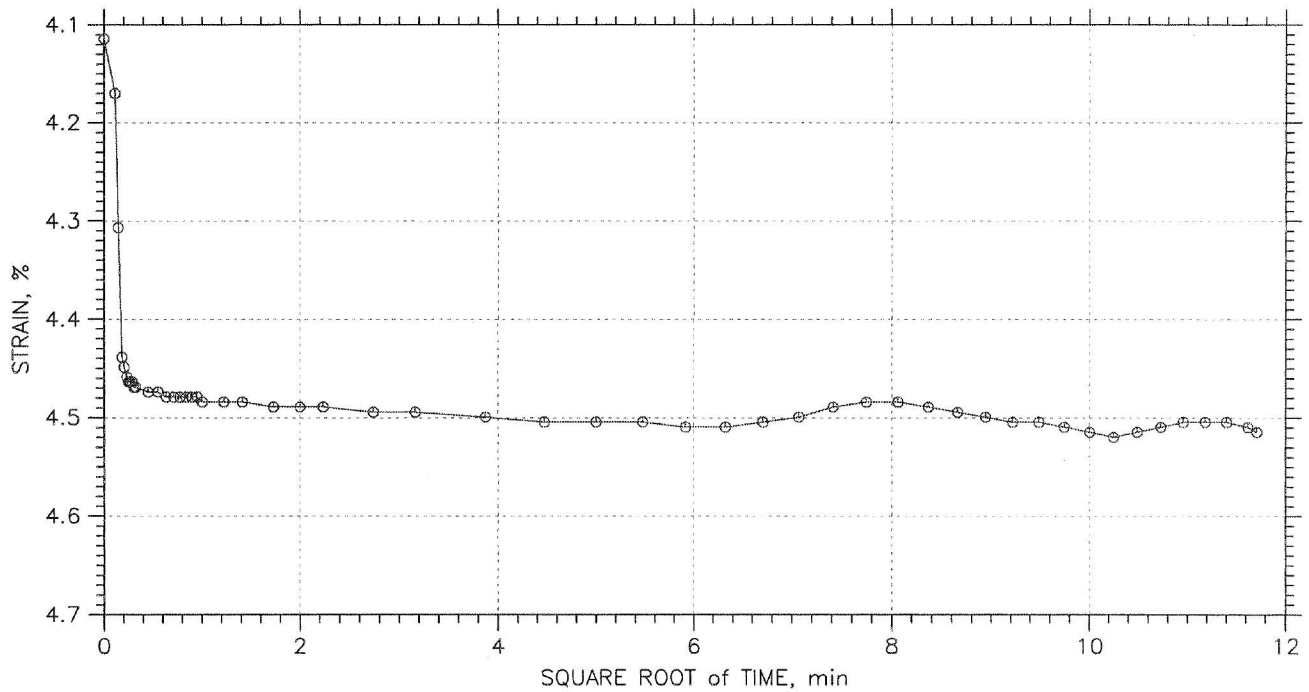
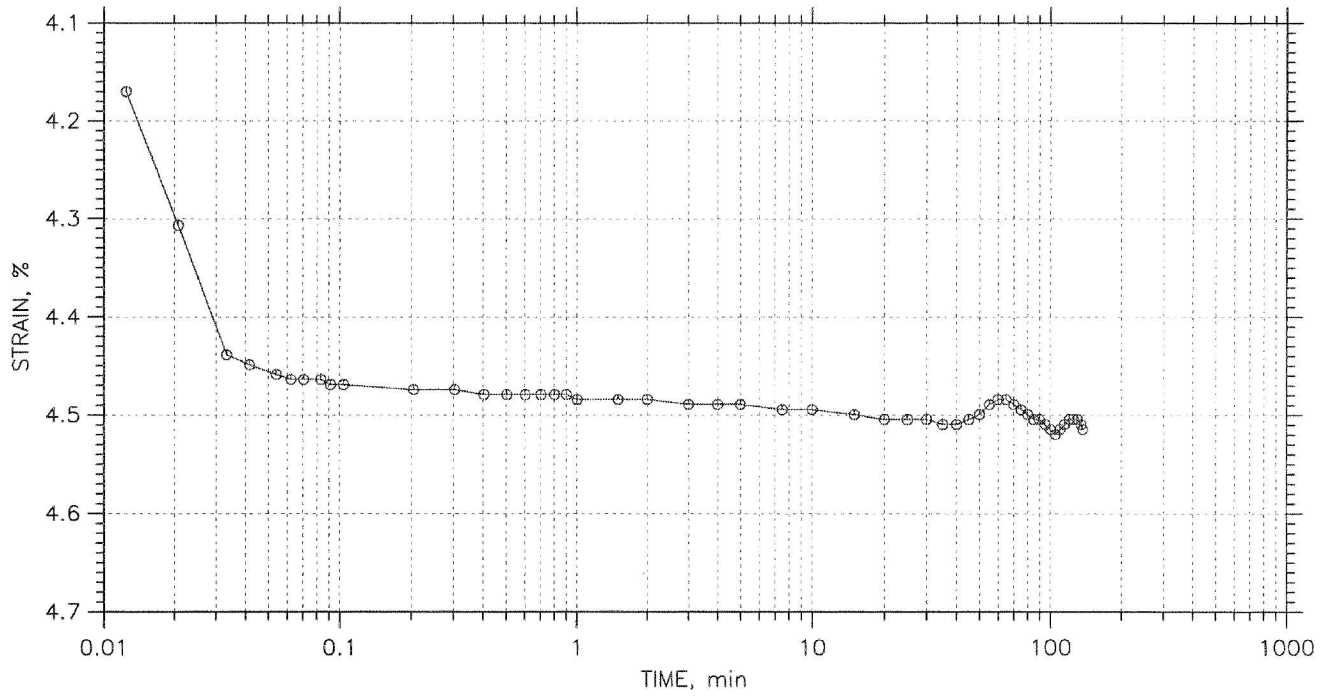
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 18

Stress: 4000. psf



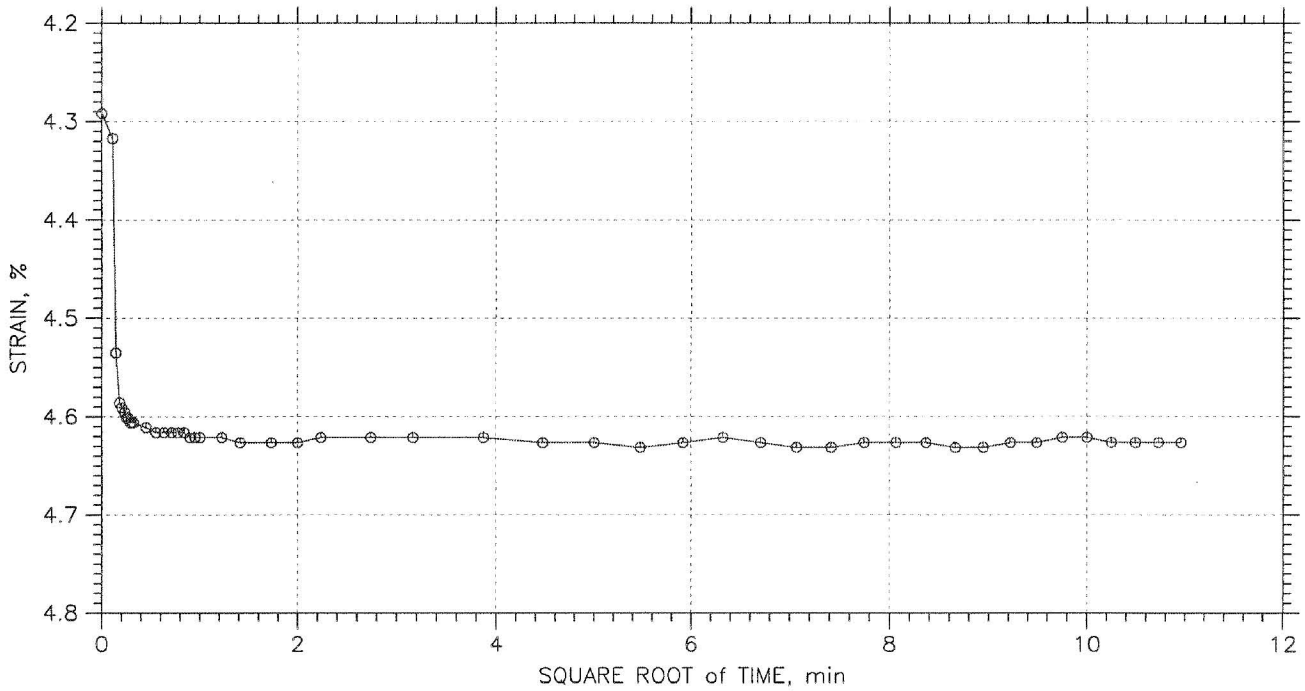
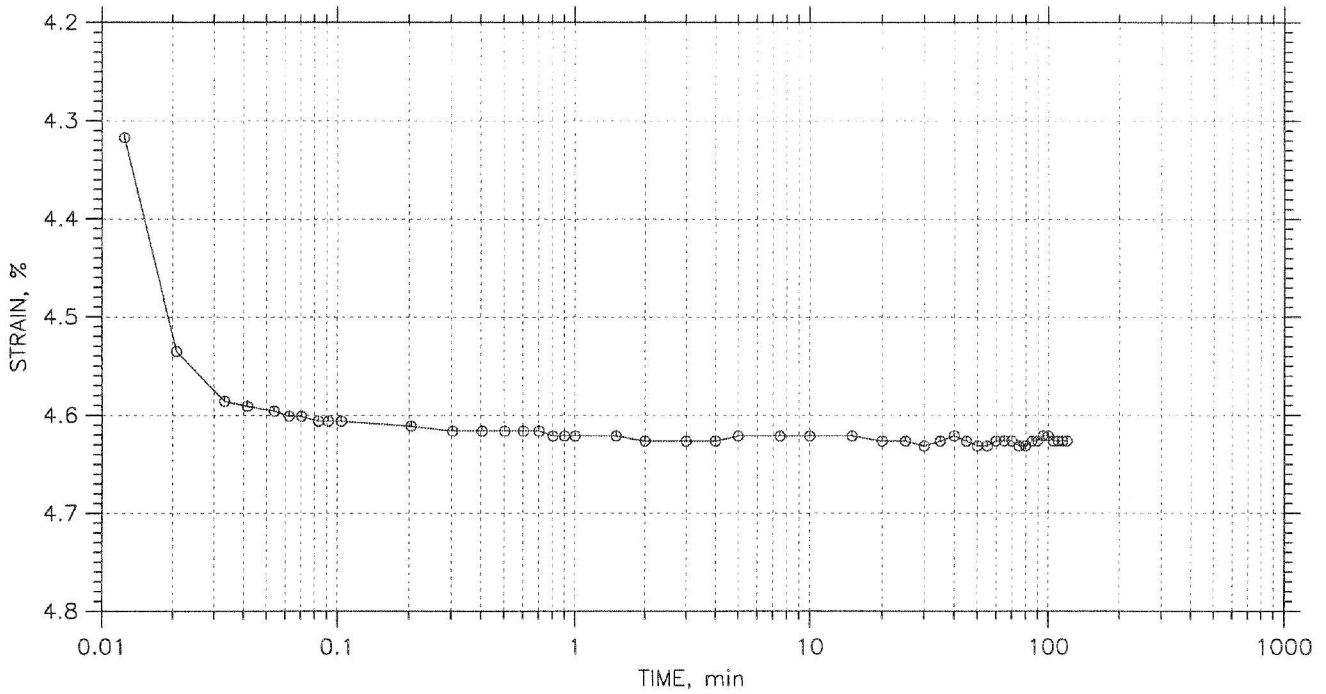
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 18

Stress: 8000. psf



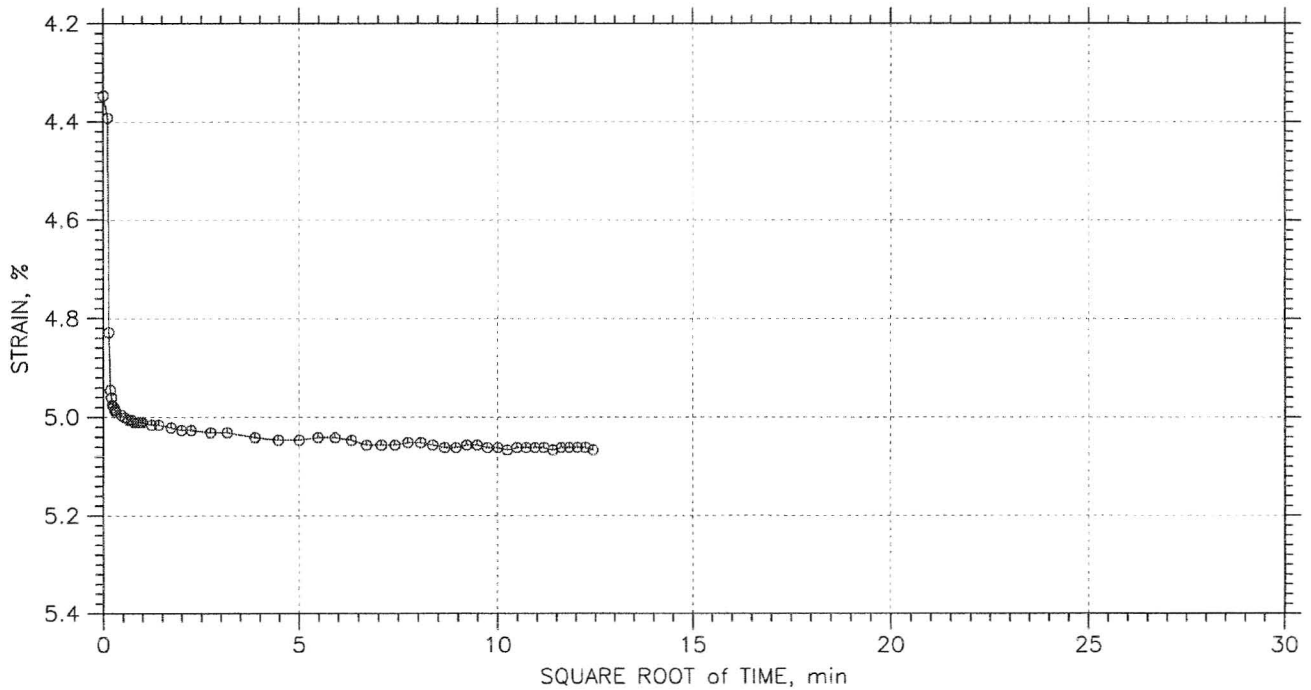
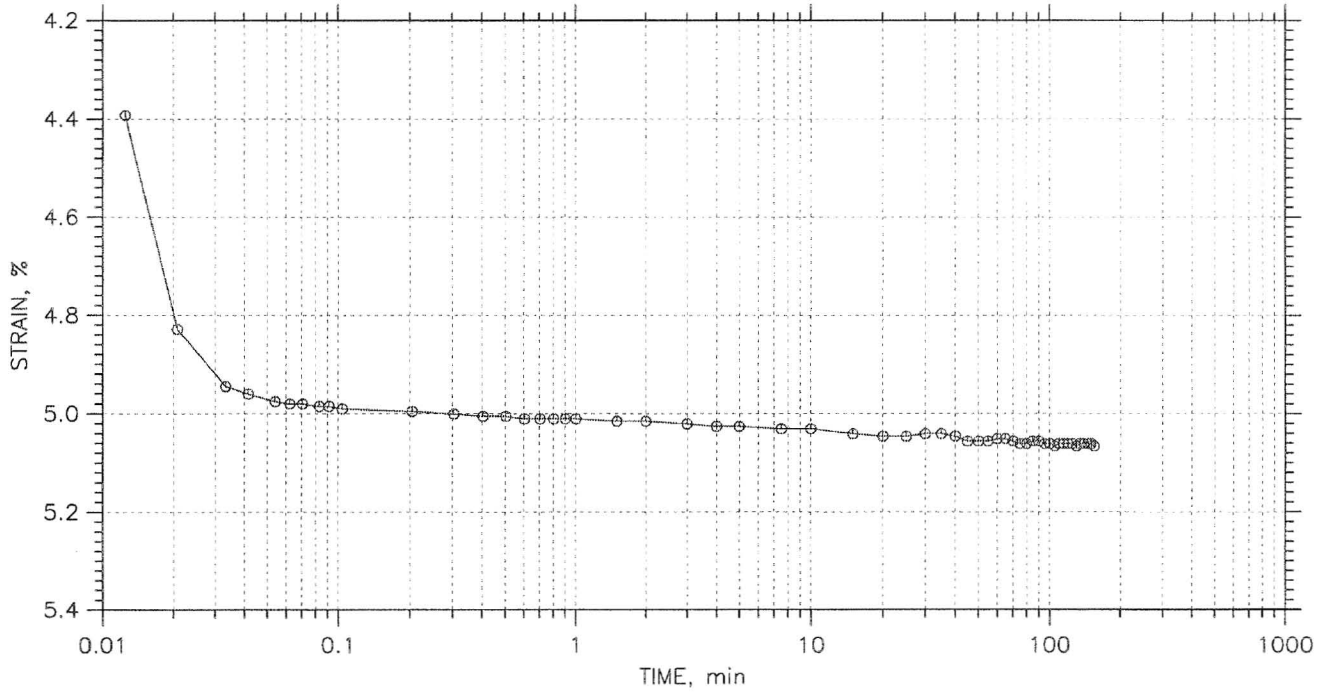
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 13 of 18

Stress: 16000 psf



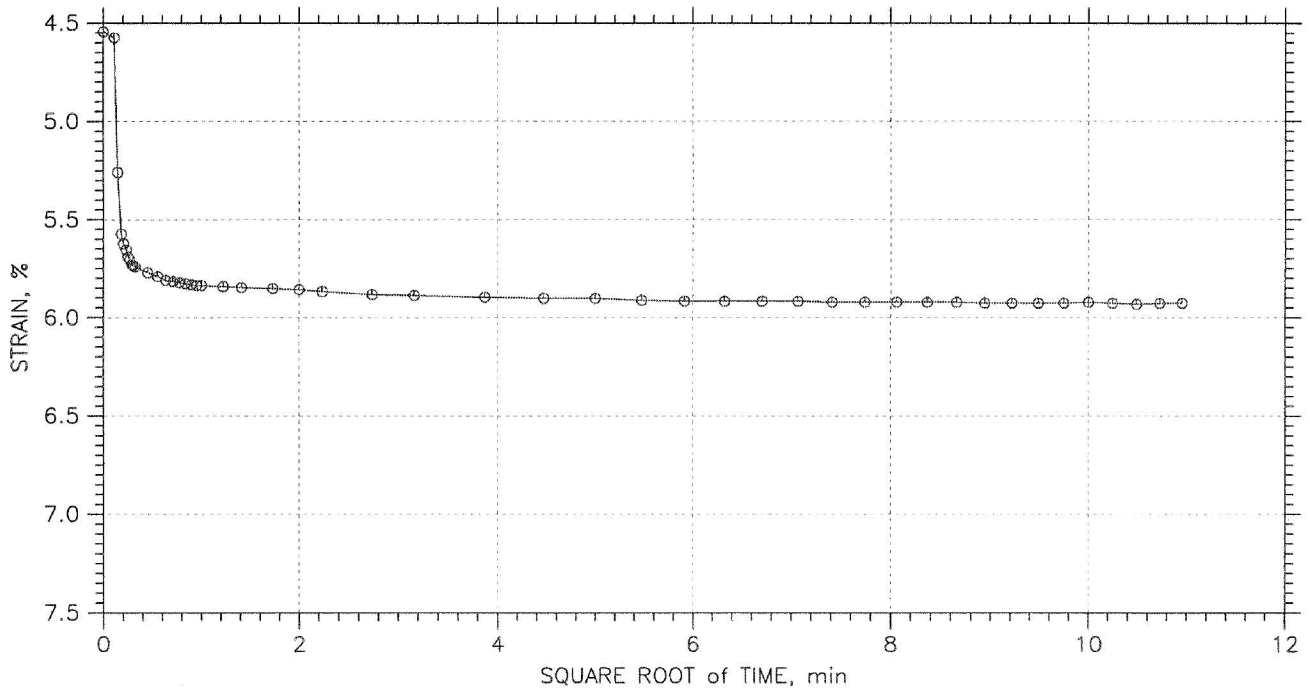
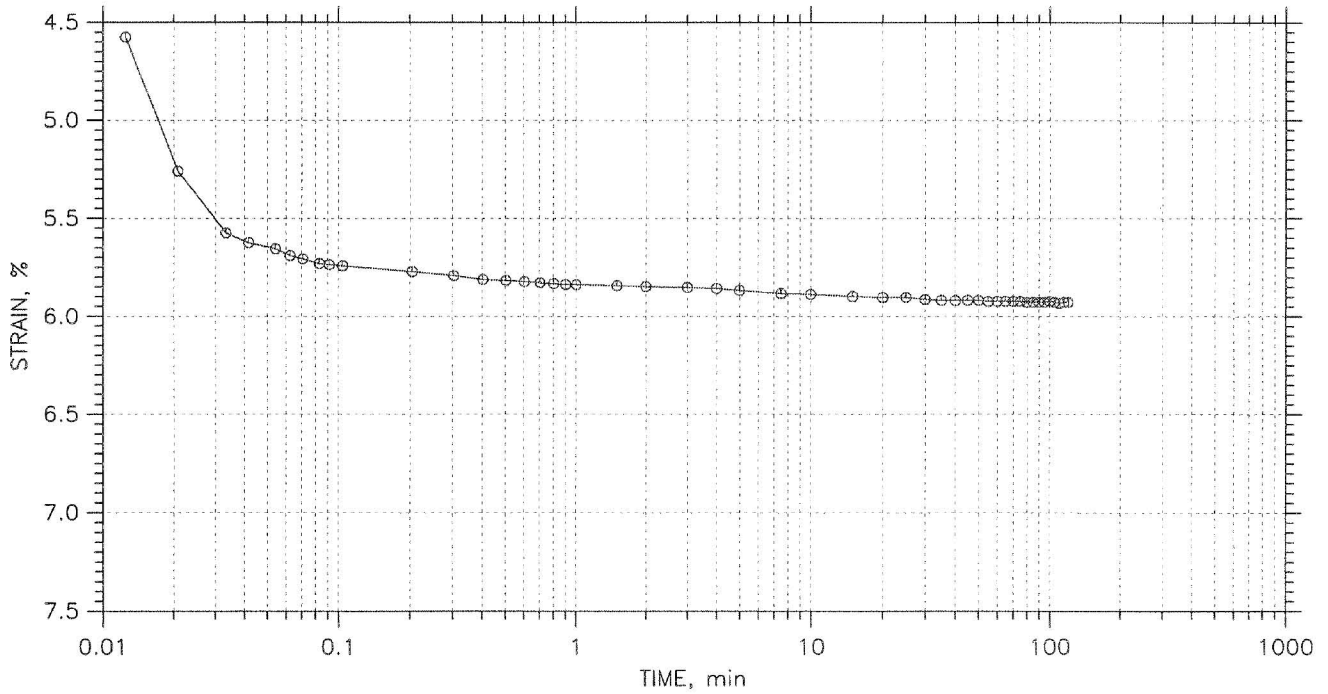
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 14 of 18

Stress: 32000 psf



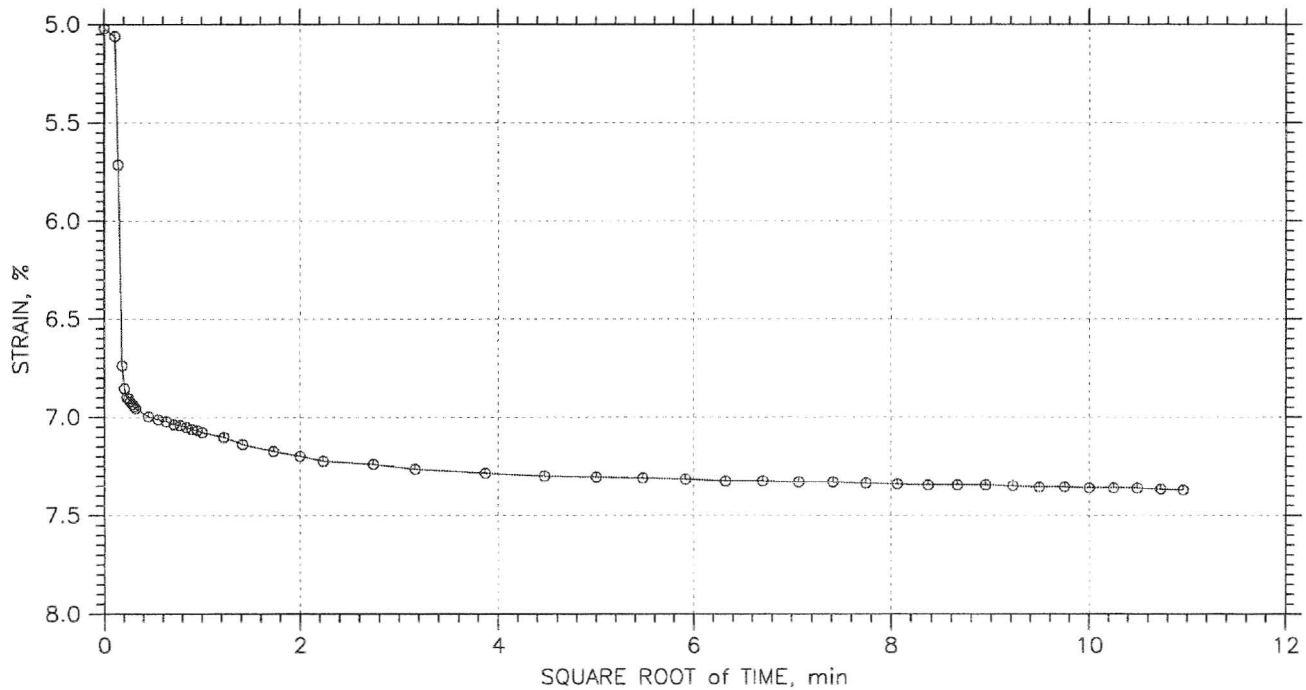
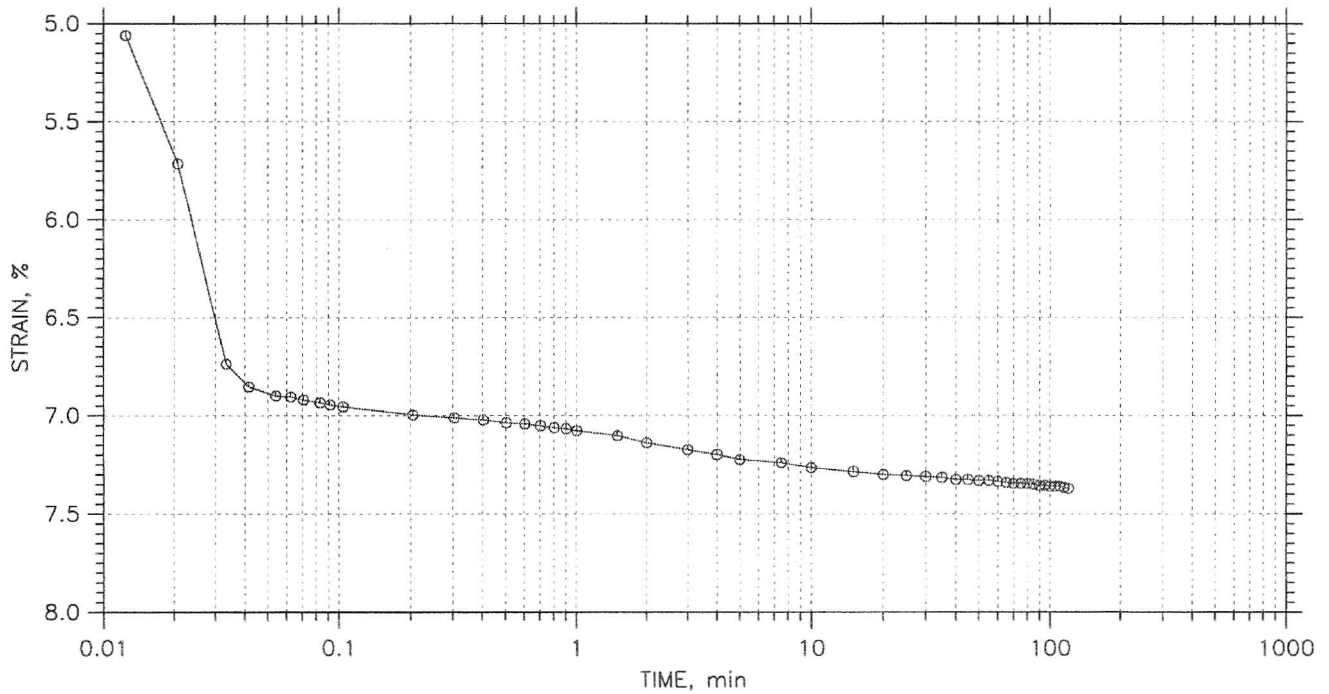
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 15 of 18

Stress: 64000 psf



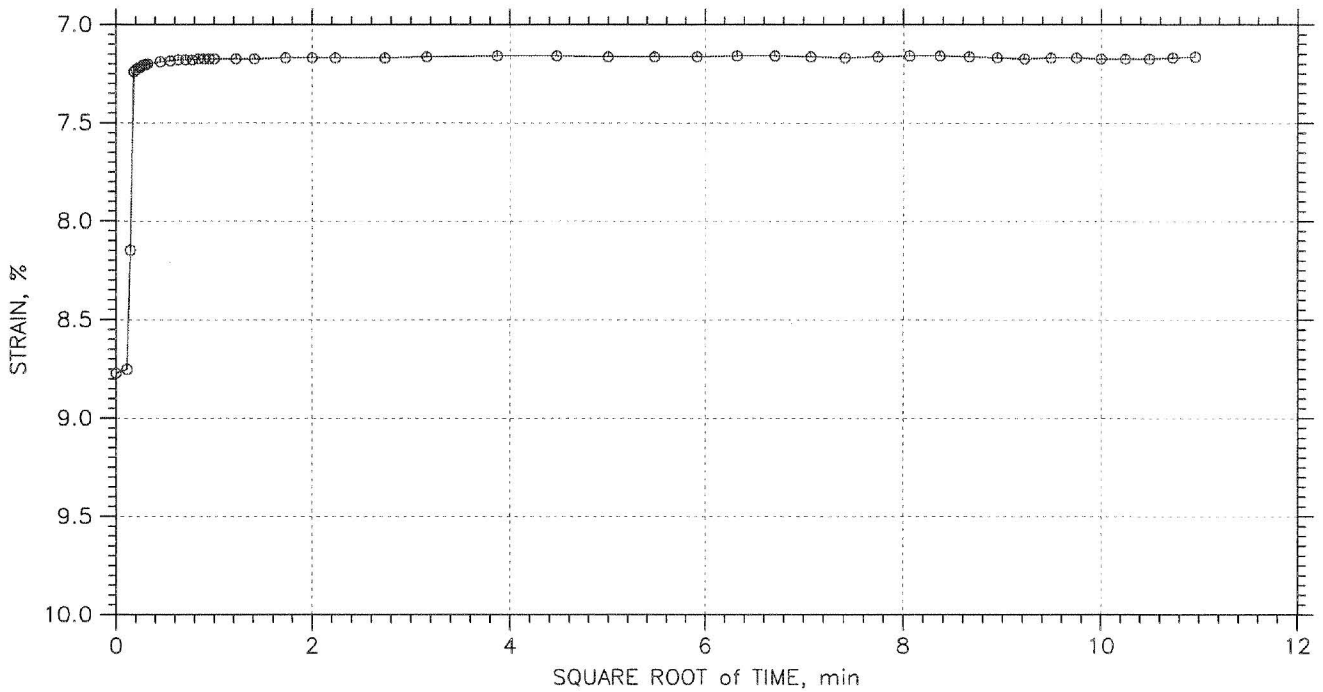
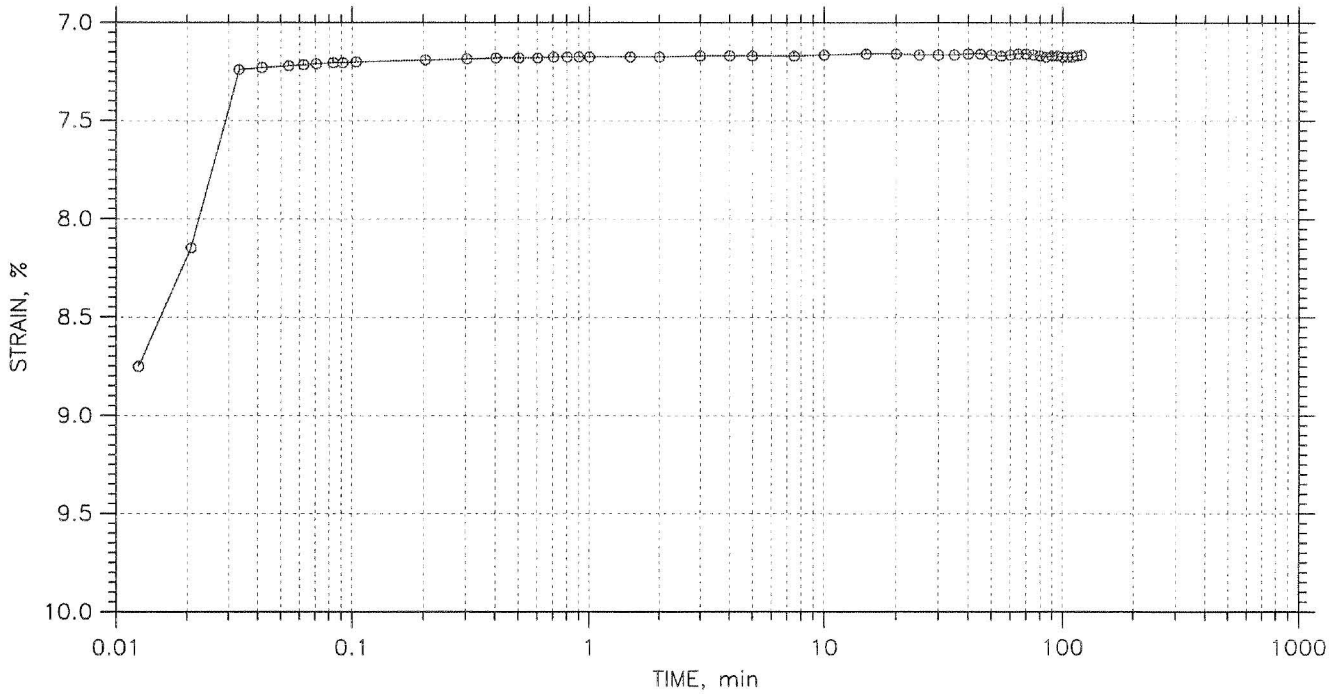
MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		

CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 16 of 18

Stress: 16000 psf



MACTEC	Project: Vogtle COL	Location: B-3001	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ
	Sample No.: UD-8	Test Date: 5/22/07	Depth: 173.50'
	Test No.: 7498	Sample Type: Undisturbed	Elevation: 44.90'
	Description: SAND, with clay (SP-SC) (Visual)		
	Remarks:		