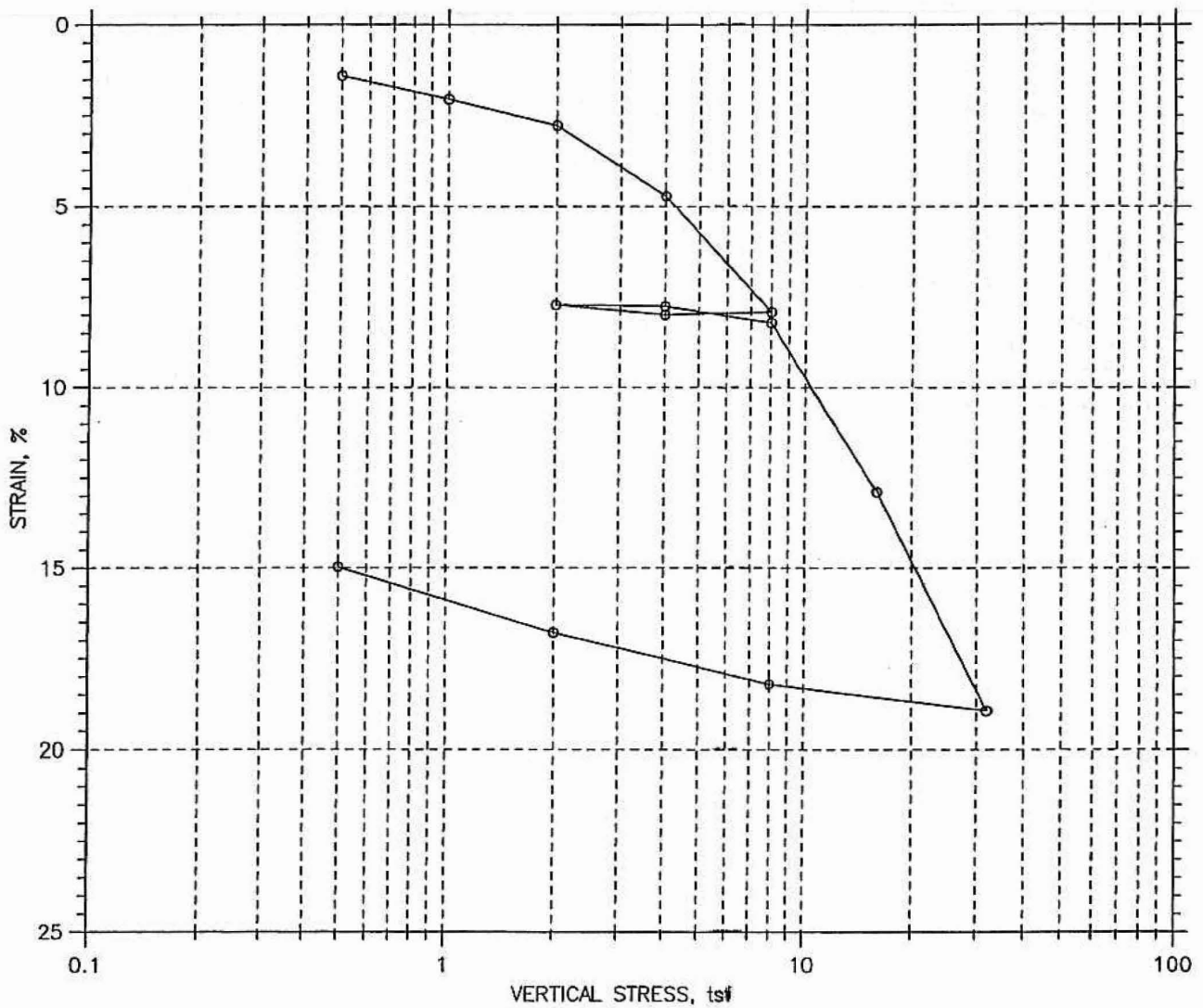


## CONSOLIDATION TEST DATA SUMMARY REPORT



|                                    |        |              |          | Before Test          | After Test |        |
|------------------------------------|--------|--------------|----------|----------------------|------------|--------|
| Overburden Pressure: ---           |        |              |          | Water Content, %     | 28.35      | 21.46  |
| Preconsolidation Pressure: 5.4 tsf |        |              |          | Dry Unit Weight, pcf | 90.1       | 106.   |
| Compression Index: ---             |        |              |          | Saturation, %        | 89.06      | 100.00 |
| Diameter: 2.5 in                   |        | Height: 1 in |          | Void Ratio           | 0.85       | 0.57   |
| LL: 49                             | PL: 12 | PI: 37       | GS: 2.67 |                      |            |        |

|   |  |  |                              |  |                       |  |
|---|--|--|------------------------------|--|-----------------------|--|
| <b>GeoTesting<br/>express</b><br><small>a subsidiary of Geocomp Corporation</small> | Project: Calvert Cliffs Nuclear  |  | Location: Calvert County, MD |  | Project No.: GTX-6880 |  |
|   | Boring No.: B-319  |  | Tested By: md                |  | Checked By: jdt       |  |
|   | Sample No.: S-10   |  | Test Date: 09/08/06          |  | Depth: 33.5-35.5      |  |
|   | Test No.: C-4  |  | Sample Type: tube            |  | Elevation: ---        |  |
|   | Description: Moist, dark gray clay with sand (CL), 72% passing #200 sieve, inundated @ 0.5 tsf |  |                              |  |                       |  |
|   | Remarks: System Q-Compression Ratio: 0.19, Recompression Ratio: 0.01                           |  |                              |  |                       |  |

CONSOLIDATION TEST DATA

Project: Calvert Cliffs Nuclear  
 Boring No.: B-319  
 Sample No.: S-10  
 Test No.: C-4

Location: Calvert County, MD  
 Tested By: md  
 Test Date: 09/08/06  
 Sample Type: tube

Project No.: GTK-6880  
 Checked By: jdt  
 Depth: 33.5-35.5  
 Elevation: ---

Soil Description: Moist, dark gray clay with sand (CL), 72% passing #200 sieve, inundated @ 0.5 tsf  
 Remarks: System Q-Compression Ratio: 0.19, Recompression Ratio: 0.01

Measured Specific Gravity: 2.67  
 Initial Void Ratio: 0.85  
 Final Void Ratio: 0.57

Liquid Limit: 49  
 Plastic Limit: 12  
 Plasticity Index: 37

Initial Height: 1.00 in  
 Specimen Diameter: 2.50 in

|                              | Before Consolidation |               | After Consolidation |          |
|------------------------------|----------------------|---------------|---------------------|----------|
|                              | Trimming             | Specimen+Ring | Specimen+Ring       | Trimming |
| Container ID                 | 1611                 | RENG          |                     | 6        |
| Wt. Container + Wet Soil, gm | 105.39               | 356.66        | 348.66              | 148.94   |
| Wt. Container + Dry Soil, gm | 82.64                | 323.74        | 323.74              | 124.1    |
| Wt. Container, gm            | 8.42                 | 207.65        | 207.65              | 8.37     |
| Wt. Dry Soil, gm             | 74.22                | 116.09        | 116.09              | 115.73   |
| Water Content, %             | 30.65                | 28.35         | 21.46               | 21.46    |
| Void Ratio                   | ---                  | 0.85          | 0.57                | ---      |
| Degree of Saturation, %      | ---                  | 89.06         | 100.00              | ---      |
| Dry Unit Weight, pcf         | ---                  | 90.097        | 105.96              | ---      |

CONSOLIDATION TEST DATA

Project: Calvert Cliffs Nuclear  
 Boring No.: B-319  
 Sample No.: S-10  
 Test No.: C-4

Location: Calvert County, MD  
 Tested By: md  
 Test Date: 09/08/06  
 Sample Type: tube

Project No.: GTX-6880  
 Checked By: jdt  
 Depth: 33.5-35.5  
 Elevation: ---

Soil Description: Moist, dark gray clay with sand (CL), 72% passing #200 sieve, inundated @ 0.5 tsf  
 Remarks: System Q-Compression Ratio: 0.19, Recompression Ratio: 0.01

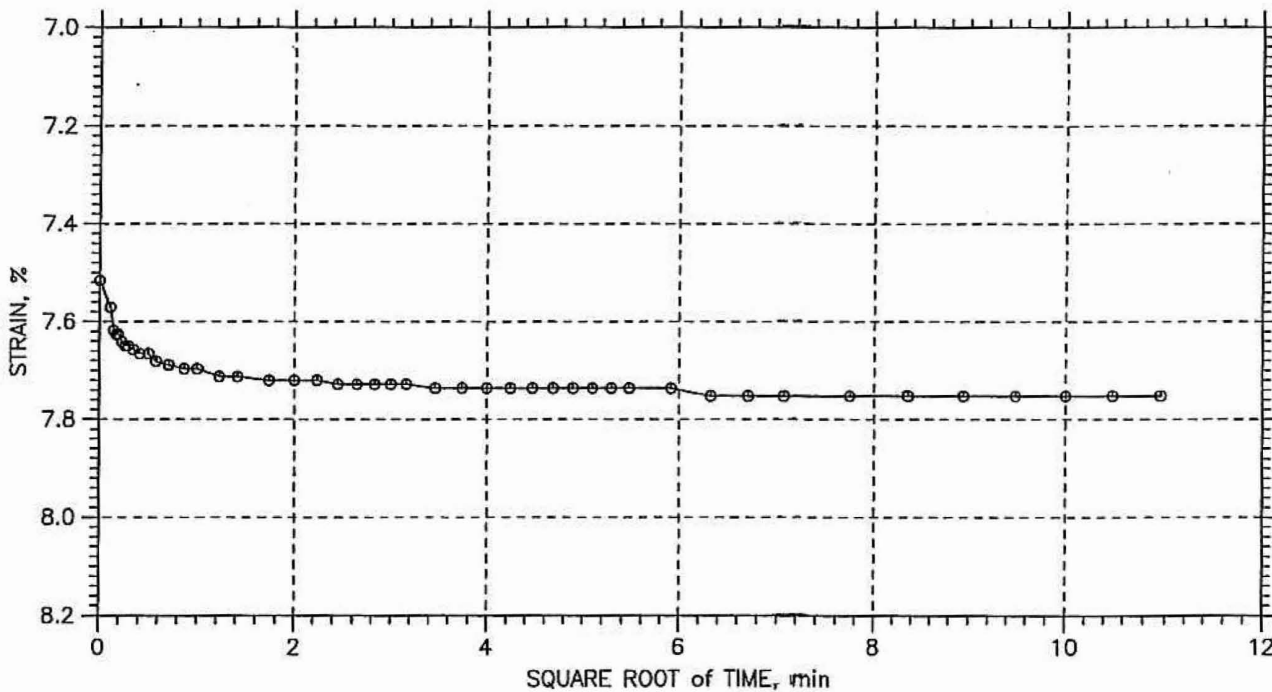
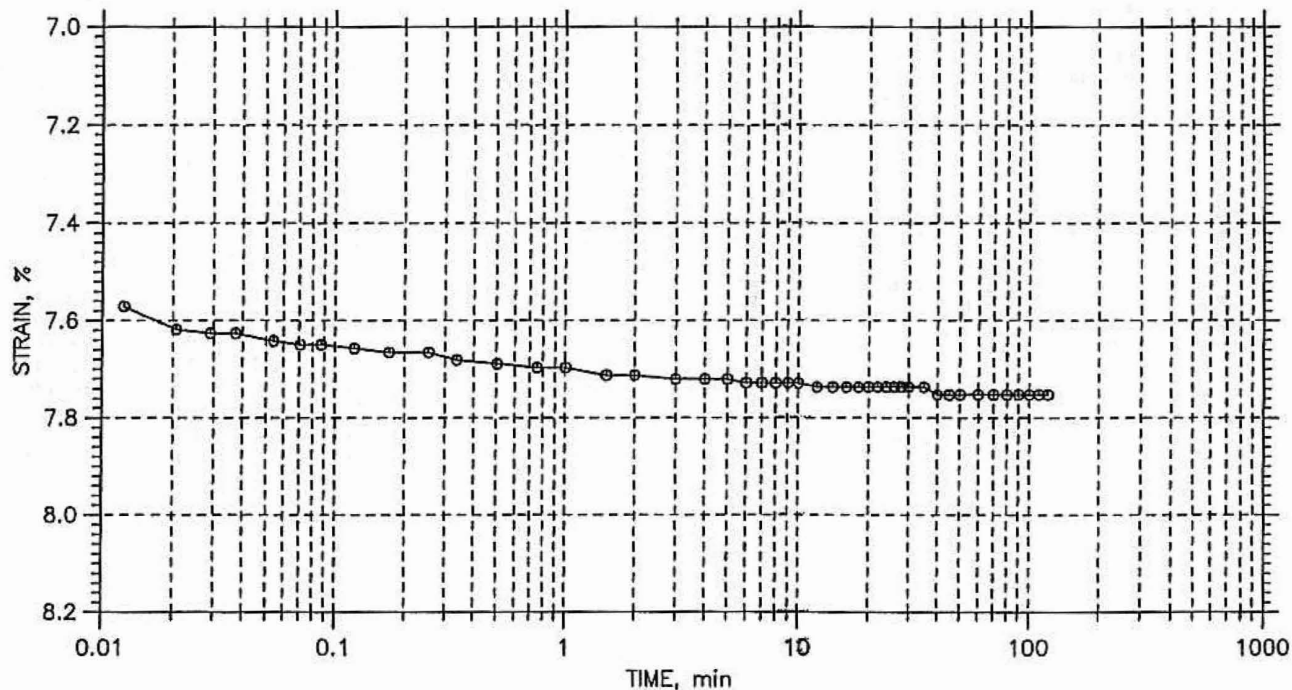
|    | Applied Stress<br>tsf | Final Displacement<br>in | Void Ratio | Strain at End<br>% | T50 Fitting   |            | Coefficient of Consolidation   |                             |                              |
|----|-----------------------|--------------------------|------------|--------------------|---------------|------------|--------------------------------|-----------------------------|------------------------------|
|    |                       |                          |            |                    | Sq.Rt.<br>min | Log<br>min | Sq.Rt.<br>in <sup>2</sup> /sec | Log<br>in <sup>2</sup> /sec | Ave.<br>in <sup>2</sup> /sec |
| 1  | 0.5                   | 0.01405                  | 0.824      | 1.40               | 0.1           | 0.0        | 1.01e-002                      | 0.00e+000                   | 1.01e-002                    |
| 2  | 1                     | 0.02055                  | 0.812      | 2.05               | 1.2           | 0.0        | 6.81e-004                      | 0.00e+000                   | 6.81e-004                    |
| 3  | 2                     | 0.02771                  | 0.799      | 2.77               | 0.1           | 0.0        | 1.53e-002                      | 1.73e-002                   | 1.63e-002                    |
| 4  | 4                     | 0.0472                   | 0.763      | 4.72               | 0.2           | 0.1        | 3.54e-003                      | 7.12e-003                   | 4.73e-003                    |
| 5  | 8                     | 0.07909                  | 0.704      | 7.91               | 0.9           | 1.0        | 7.71e-004                      | 7.04e-004                   | 7.36e-004                    |
| 6  | 4                     | 0.07988                  | 0.702      | 7.99               | 0.2           | 0.0        | 3.30e-003                      | 0.00e+000                   | 3.30e-003                    |
| 7  | 2                     | 0.07716                  | 0.707      | 7.72               | 0.7           | 0.5        | 1.06e-003                      | 1.38e-003                   | 1.20e-003                    |
| 8  | 4                     | 0.07752                  | 0.707      | 7.75               | 0.1           | 0.0        | 6.99e-003                      | 0.00e+000                   | 6.99e-003                    |
| 9  | 8                     | 0.08201                  | 0.698      | 8.20               | 0.7           | 0.2        | 9.75e-004                      | 3.77e-003                   | 1.55e-003                    |
| 10 | 16                    | 0.1289                   | 0.611      | 12.89              | 2.1           | 2.7        | 3.16e-004                      | 2.46e-004                   | 2.76e-004                    |
| 11 | 32                    | 0.1893                   | 0.500      | 18.93              | 2.8           | 3.8        | 2.08e-004                      | 1.53e-004                   | 1.76e-004                    |
| 12 | 8                     | 0.182                    | 0.513      | 18.20              | 0.3           | 0.0        | 1.87e-003                      | 0.00e+000                   | 1.87e-003                    |
| 13 | 2                     | 0.1678                   | 0.540      | 16.78              | 3.5           | 4.8        | 1.58e-004                      | 1.17e-004                   | 1.34e-004                    |
| 14 | 0.5                   | 0.1497                   | 0.573      | 14.97              | 10.9          | 0.0        | 5.34e-005                      | 0.00e+000                   | 5.34e-005                    |

# CONSOLIDATION TEST DATA

## TIME CURVES

Constant Load Step: 8 of 14

Stress: 4. tsf



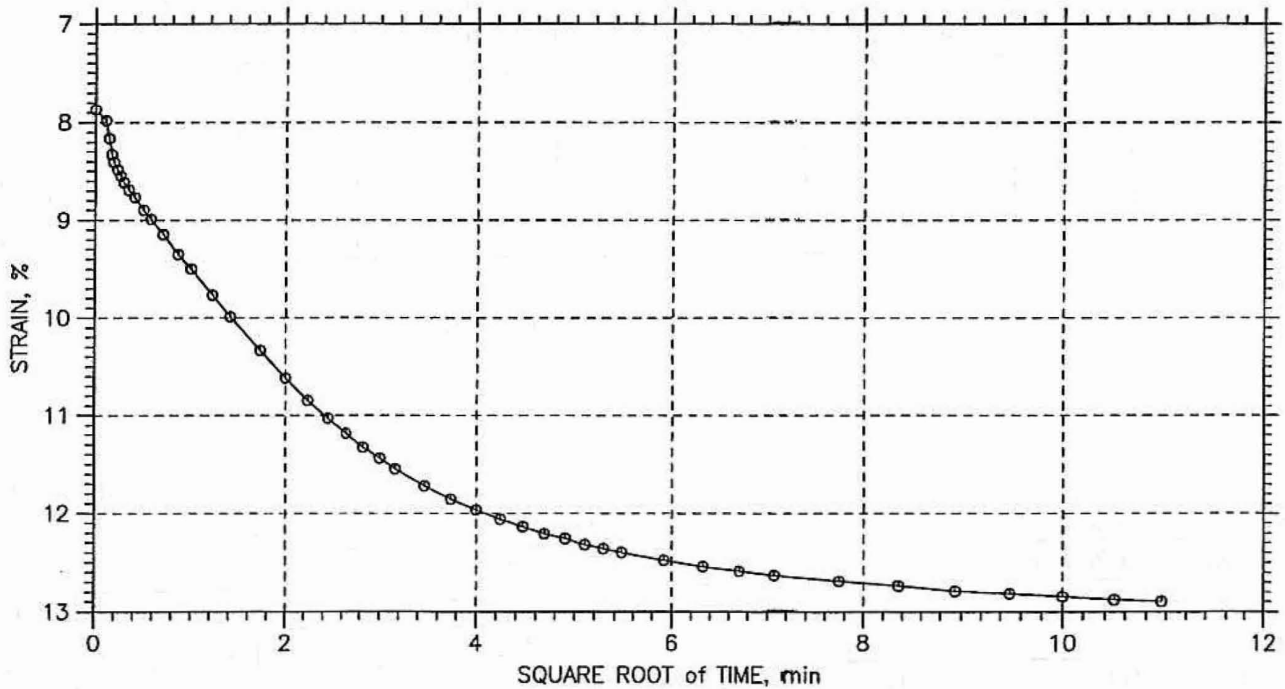
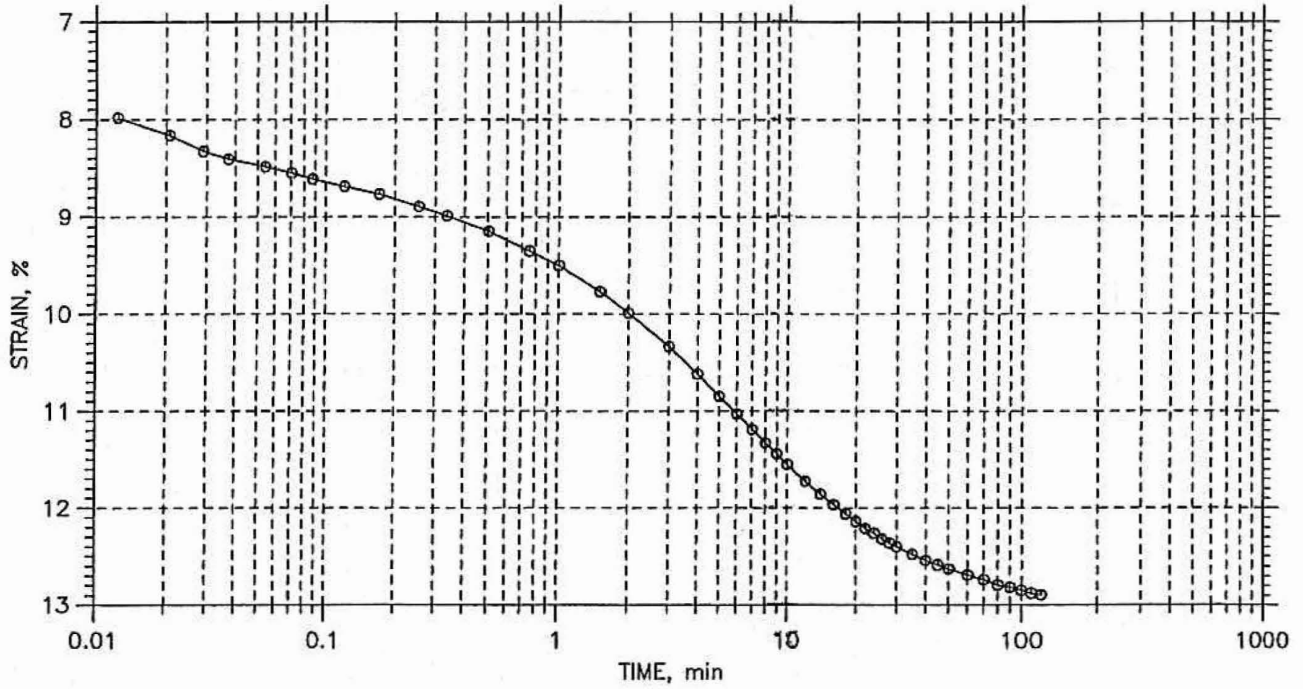
|   |  |                              |                       |
|---|--|------------------------------|-----------------------|
| <b>GeoTesting</b><br><b>express</b><br><small>a subsidiary of Geocomp Corporation</small> | Project: Calvert Cliffs Nuclear  | Location: Calvert County, MD | Project No.: GTX-6880 |
|   | Boring No.: B-319  | Tested By: md                | Checked By: jdt       |
|   | Sample No.: S-10   | Test Date: 09/08/06          | Depth: 33.5-35.5      |
|   | Test No.: C-4  | Sample Type: tube            | Elevation: ---        |
|   | Description: Moist, dark gray clay with sand (CL), 72% passing #200 sieve, inundated @ 0.5 tsf |                              |                       |
|   | Remarks: System Q-Compression Ratio: 0.19, Recompression Ratio: 0.01                           |                              |                       |

# CONSOLIDATION TEST DATA

## TIME CURVES

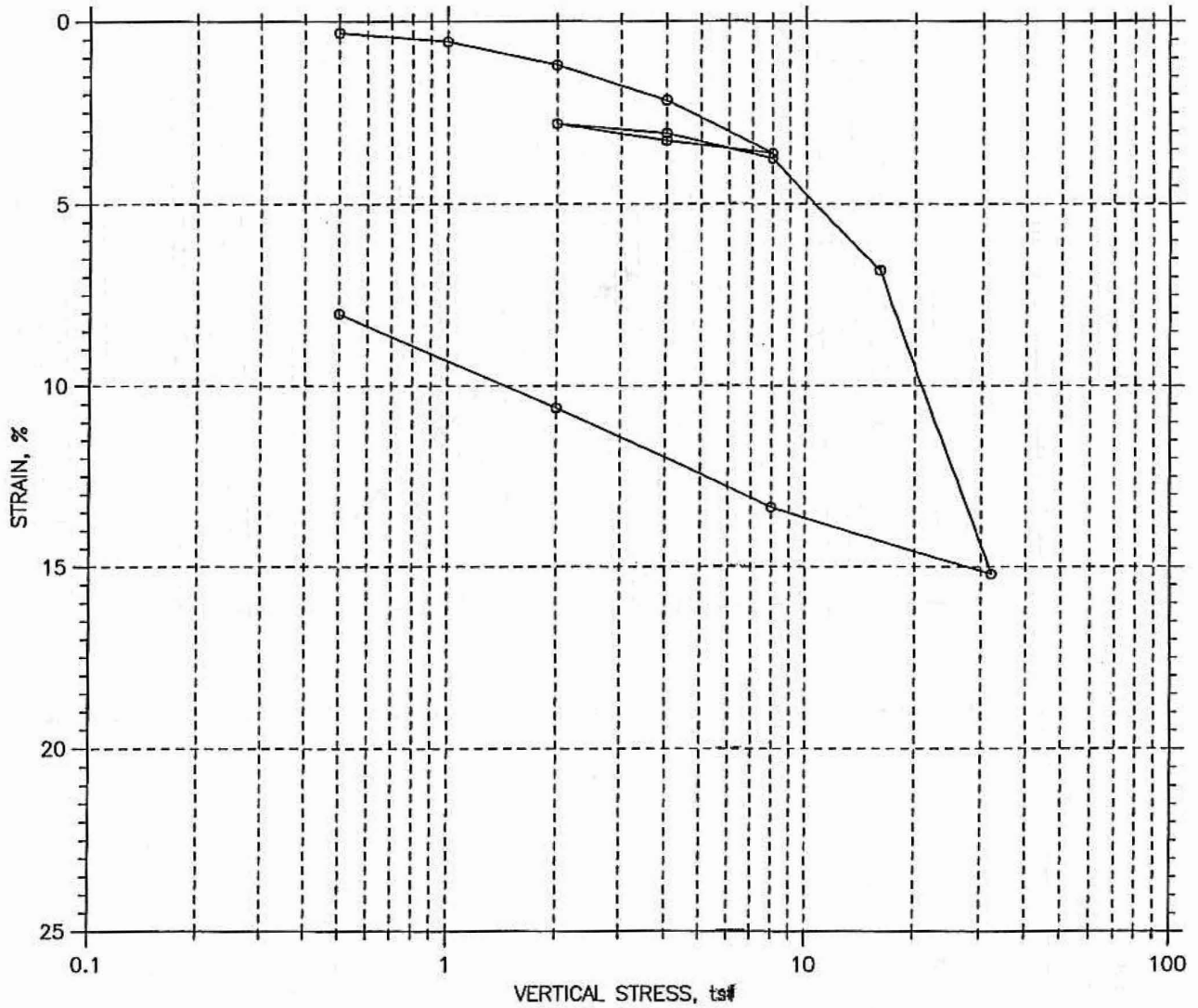
Constant Load Step: 10 of 14

Stress: 16. tsf



|   |  |                              |                       |
|---|--|------------------------------|-----------------------|
| <b>GeoTesting</b><br><b>express</b><br><small>a subsidiary of Geocomp Corporation</small> | Project: Calvert Cliffs Nuclear  | Location: Calvert County, MD | Project No.: GTX-6880 |
|   | Boring No.: B-319  | Tested By: md                | Checked By: jdt       |
|   | Sample No.: S-10   | Test Date: 09/08/06          | Depth: 33.5-35.5      |
|   | Test No.: C-4  | Sample Type: tube            | Elevation: ---        |
|   | Description: Moist, dark gray clay with sand (CL), 72% passing #200 sieve, inundated @ 0.5 tsf |                              |                       |
|   | Remarks: System Q-Compression Ratio: 0.19, Recompression Ratio: 0.01                           |                              |                       |

## CONSOLIDATION TEST DATA SUMMARY REPORT



|                                   |        |              |          | Before Test | After Test |
|-----------------------------------|--------|--------------|----------|-------------|------------|
| Overburden Pressure: ---          |        |              |          | 27.51       | 24.64      |
| Preconsolidation Pressure: 12 tsf |        |              |          | 93.73       | 101.9      |
| Compression Index: ---            |        |              |          | 91.78       | 100.00     |
| Diameter: 2.5 in                  |        | Height: 1 in |          | 0.82        | 0.67       |
| LL: 58                            | PL: 13 | PI: 45       | GS: 2.73 |             |            |

|   |  |                              |                       |
|---|--|------------------------------|-----------------------|
| <b>GeoTesting<br/>express</b><br><small>a subsidiary of Geocomp Corporation</small> | Project: Calvert Cliffs Nuclear  | Location: Calvert County, MD | Project No.: GTX-6880 |
|   | Boring No.: B-319  | Tested By: md                | Checked By: njh       |
|   | Sample No.: S-12   | Test Date: 09/07/06          | Depth: 43.5-45.2      |
|   | Test No.: C-3  | Sample Type: tube            | Elevation: ---        |
|   | Description: Moist, dark gray clay (CH), 87% passing #200 sieve, inundated @ 0.5 tsf |                              |                       |
|   | Remarks: System G - Compression Ratio: 0.28, Recompression Ratio: 0.04               |                              |                       |

CONSOLIDATION TEST DATA

Project: Calvert Cliffs Nuclear  
 Boring No.: B-319  
 Sample No.: S-12  
 Test No.: C-3

Location: Calvert County, MD  
 Tested By: md  
 Test Date: 09/07/06  
 Sample Type: tube

Project No.: GTX-6880  
 Checked By: njh  
 Depth: 43.5-45.2  
 Elevation: ---

Soil Description: Moist, dark gray clay (CH), 87% passing #200 sieve, inundated @ 0.5 tsf  
 Remarks: System G - Compression Ratio: 0.28, Recompression Ratio: 0.04

Measured Specific Gravity: 2.73  
 Initial Void Ratio: 0.82  
 Final Void Ratio: 0.67

Liquid Limit: 58  
 Plastic Limit: 13  
 Plasticity Index: 45

Initial Height: 1.00 in  
 Specimen Diameter: 2.50 in

|                              | Before Consolidation |               | After Consolidation |          |
|------------------------------|----------------------|---------------|---------------------|----------|
|                              | Trimming             | Specimen+Ring | Specimen+Ring       | Trimming |
| Container ID                 | Z178C                | R1NG          |                     | 1223     |
| Wt. Container + Wet Soil, gm | 116.43               | 370.45        | 366.98              | 151.31   |
| Wt. Container + Dry Soil, gm | 90.31                | 337.22        | 337.22              | 123.06   |
| Wt. Container, gm            | 8.35                 | 216.45        | 216.45              | 8.4      |
| Wt. Dry Soil, gm             | 81.96                | 120.77        | 120.77              | 114.66   |
| Water Content, %             | 31.87                | 27.51         | 24.64               | 24.64    |
| Void Ratio                   | ---                  | 0.82          | 0.67                | ---      |
| Degree of Saturation, %      | ---                  | 91.78         | 100.00              | ---      |
| Dry Unit Weight, pcf         | ---                  | 93.73         | 101.89              | ---      |



CONSOLIDATION TEST DATA

Project: Calvert Cliffs Nuclear  
 Boring No.: B-319  
 Sample No.: S-12  
 Test No.: C-3

Location: Calvert County, MD  
 Tested By: md  
 Test Date: 09/07/06  
 Sample Type: tube

Project No.: GTX-6880  
 Checked By: njh  
 Depth: 43.5-45.2  
 Elevation: ---

Soil Description: Moist, dark gray clay (CH), 87% passing #200 sieve, inundated @ 0.5 tsf  
 Remarks: System G - Compression Ratio: 0.28, Recompression Ratio: 0.04

|    | Applied Stress<br>tsf | Final Displacement<br>in | Void Ratio | Strain at End<br>% | T50 Sq.Rt.<br>min | Fitting |                             | Coefficient of Consolidation |                           |  |
|----|-----------------------|--------------------------|------------|--------------------|-------------------|---------|-----------------------------|------------------------------|---------------------------|--|
|    |                       |                          |            |                    |                   | Log min | Sq.Rt. in <sup>2</sup> /sec | Log in <sup>2</sup> /sec     | Ave. in <sup>2</sup> /sec |  |
| 1  | 0.5                   | 0.003141                 | 0.813      | 0.31               | 0.0               | 0.0     | 6.14e-002                   | 0.00e+000                    | 6.14e-002                 |  |
| 2  | 1                     | 0.005529                 | 0.808      | 0.55               | 0.3               | 0.0     | 2.52e-003                   | 0.00e+000                    | 2.52e-003                 |  |
| 3  | 2                     | 0.01195                  | 0.797      | 1.19               | 0.5               | 0.0     | 1.66e-003                   | 0.00e+000                    | 1.66e-003                 |  |
| 4  | 4                     | 0.02158                  | 0.779      | 2.16               | 0.4               | 0.0     | 1.80e-003                   | 0.00e+000                    | 1.80e-003                 |  |
| 5  | 8                     | 0.03606                  | 0.753      | 3.61               | 0.7               | 0.0     | 1.16e-003                   | 0.00e+000                    | 1.16e-003                 |  |
| 6  | 4                     | 0.03264                  | 0.759      | 3.26               | 0.2               | 0.0     | 3.54e-003                   | 0.00e+000                    | 3.54e-003                 |  |
| 7  | 2                     | 0.02802                  | 0.767      | 2.80               | 0.7               | 0.0     | 1.16e-003                   | 0.00e+000                    | 1.16e-003                 |  |
| 8  | 4                     | 0.03068                  | 0.762      | 3.07               | 0.2               | 0.0     | 4.56e-003                   | 0.00e+000                    | 4.56e-003                 |  |
| 9  | 8                     | 0.03751                  | 0.750      | 3.75               | 0.4               | 0.0     | 1.75e-003                   | 0.00e+000                    | 1.75e-003                 |  |
| 10 | 16                    | 0.0682                   | 0.694      | 6.82               | 1.8               | 2.0     | 4.21e-004                   | 3.77e-004                    | 3.98e-004                 |  |
| 11 | 32                    | 0.152                    | 0.542      | 15.20              | 5.1               | 9.0     | 1.28e-004                   | 7.23e-005                    | 9.23e-005                 |  |
| 12 | 8                     | 0.1335                   | 0.575      | 13.35              | 1.1               | 0.0     | 5.74e-004                   | 0.00e+000                    | 5.74e-004                 |  |
| 13 | 2                     | 0.1061                   | 0.625      | 10.61              | 7.3               | 0.0     | 8.70e-005                   | 0.00e+000                    | 8.70e-005                 |  |
| 14 | 0.5                   | 0.08009                  | 0.673      | 8.01               | 13.0              | 0.0     | 5.20e-005                   | 0.00e+000                    | 5.20e-005                 |  |

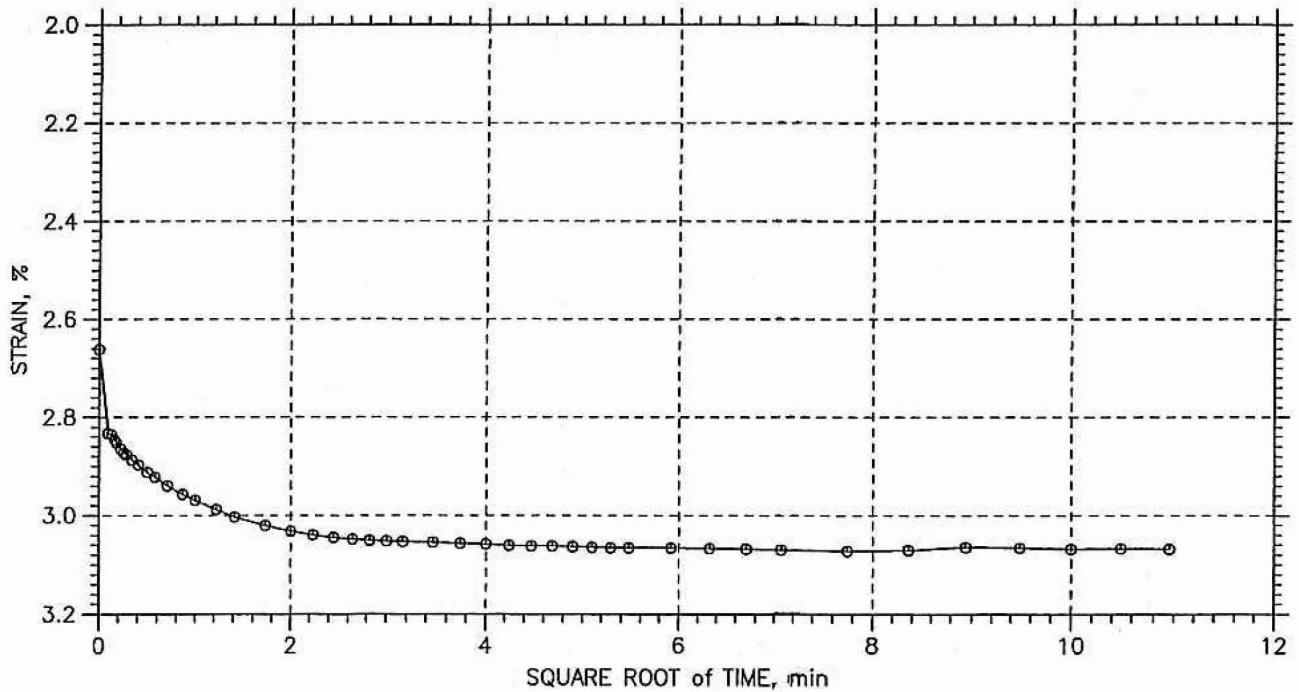
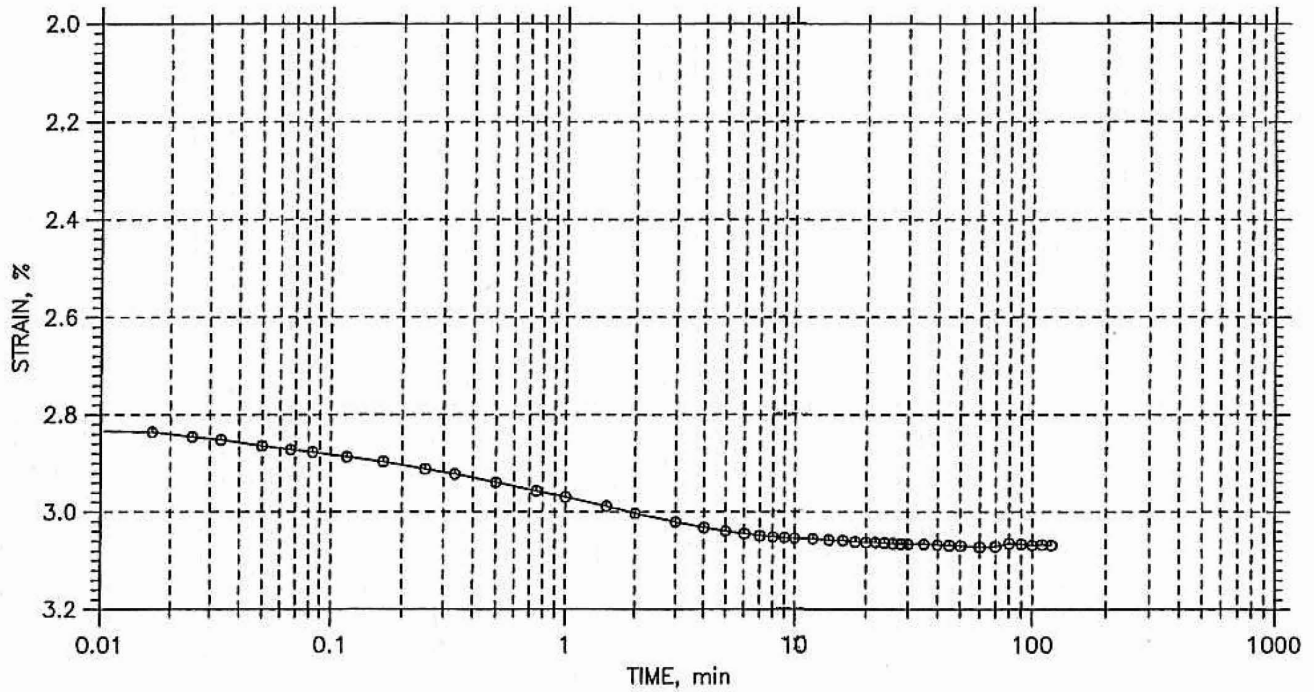


# CONSOLIDATION TEST DATA

## TIME CURVES

Constant Load Step: 8 of 14

Stress: 4. tsf



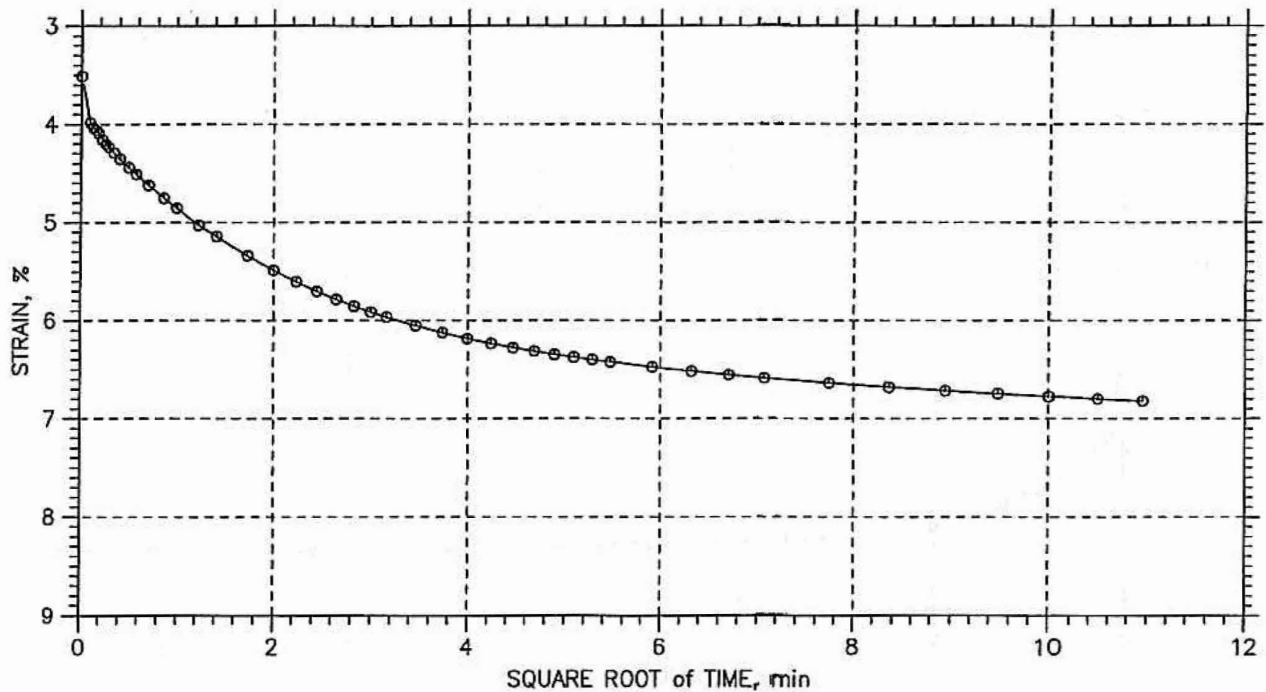
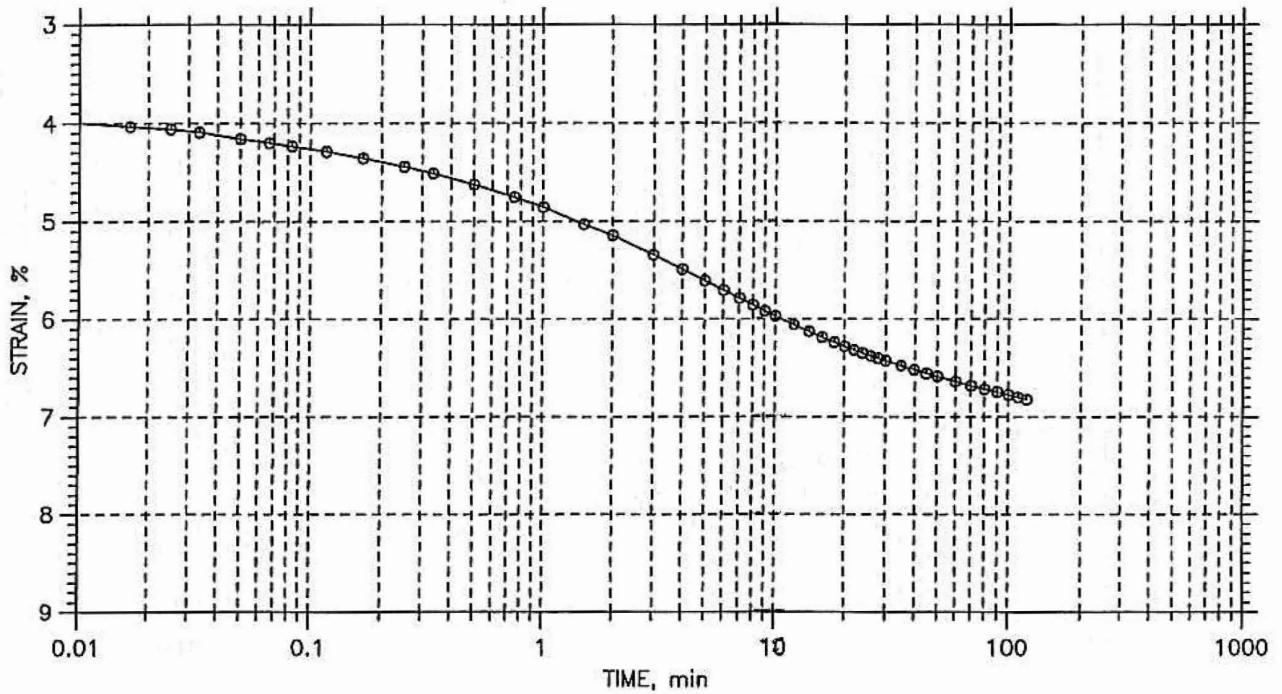
|   |  |                              |                       |
|---|--|------------------------------|-----------------------|
| <b>GeoTesting<br/>express</b><br><small>a subsidiary of Geocomp Corporation</small> | Project: Calvert Cliffs Nuclear  | Location: Calvert County, MD | Project No.: GTX-6880 |
|   | Boring No.: B-319  | Tested By: md                | Checked By: njh       |
|   | Sample No.: S-12   | Test Date: 09/07/06          | Depth: 43.5-45.2      |
|   | Test No.: C-3  | Sample Type: tube            | Elevation: ---        |
|   | Description: Moist, dark gray clay (CH), 87% passing #200 sieve, inundated @ 0.5 tsf |                              |                       |
|   | Remarks: System G - Compression Ratio: 0.28, Recompression Ratio: 0.04               |                              |                       |

# CONSOLIDATION TEST DATA

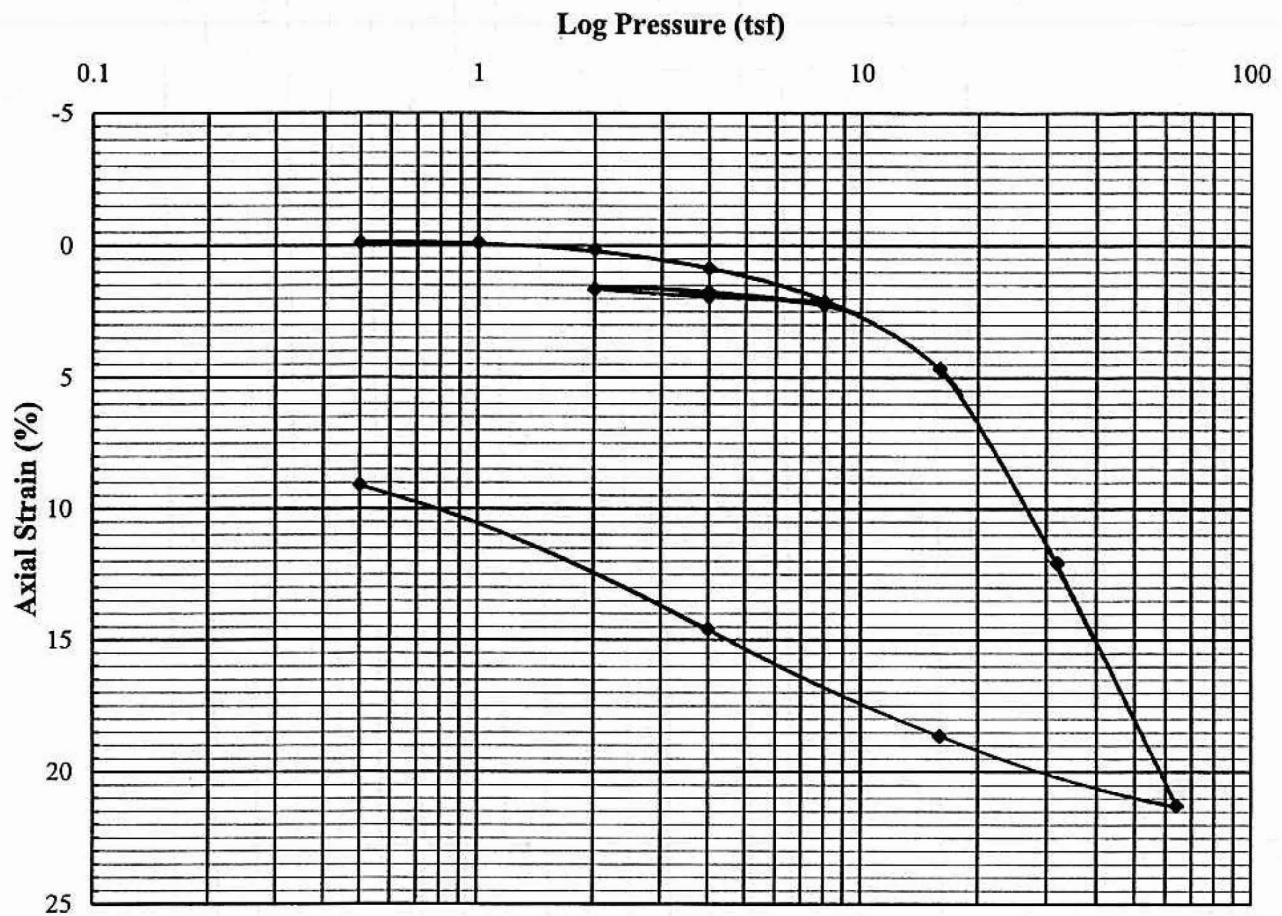
## TIME CURVES

Constant Load Step: 10 of 14

Stress: 16. tsf




|   |  |                              |                       |
|---|--|------------------------------|-----------------------|
| <b>GeoTesting</b><br><b>express</b><br><small>a subsidiary of Geocomp Corporation</small> | Project: Calvert Cliffs Nuclear  | Location: Calvert County, MD | Project No.: GTX-6880 |
|   | Boring No.: B-319  | Tested By: md                | Checked By: njh       |
|   | Sample No.: S-12   | Test Date: 09/07/06          | Depth: 43.5-45.2      |
|   | Test No.: C-3  | Sample Type: tube            | Elevation: ---        |
|   | Description: Moist, dark gray clay (CH), 87% passing #200 sieve, inundated @ 0.5 tsf |                              |                       |
|   | Remarks: System G - Compression Ratio: 0.28, Recompression Ratio: 0.04               |                              |                       |



Coefficient of Consolidation,  $C_v$ , equals 563 and 9 ft<sup>2</sup>/yr at average pressures of 3 and 12 tsf (square root of time method).

REVISED FORM FOR NCR NO. 25237-NCR-028  
 AND HEIGHT OF SPECIMEN DATA ENTRY  
 ERROR (NCR NO. 25237-NCR-031)  
 3/9/07

|   |   |   |                                |
|---|---|---|--------------------------------|
| <b>Probable Preconsolidation Pressure (<math>P_p</math>), tsf:</b> 19   |   | <b>Recompression Ratio (<math>C_{er}</math>):</b> 0.009 |                                |
| <b>Type of Specimen:</b> Tube Sample  |   | <b>Compression Ratio (<math>C_{cc}</math>):</b> 0.306   |                                |
| <b>Description:</b> LEAN CLAY (CL) - gray   |   | <b>Initial</b>  | <b>Final</b>                   |
|   |   | <b>Water Content, %</b>                                 | 35.8<br>30.6                   |
| <b>LL:</b> 45   | <b>PI:</b> 27                           | <b>Void Ratio</b>                                       | 1.03<br>0.84                   |
| <b>Gs:</b> 2.79   | <b><math>P_o'</math> (tsf):</b> 1.05    | <b>Saturation, %</b>                                    | 97<br>100                      |
| <b>% &lt; No. 200:</b> 99.7   | <b>Test Method:</b> ASTM D2435 Method A | <b>Dry Unit Weight, pcf</b>                             | 85.8<br>94.4                   |
| <b>Test Condition:</b> Inundated @ 4 tsf  |   | <b>Project:</b> Calvert Cliffs Nuclear Power Plant      |                                |
| <b>Remarks:</b> Initial specimen height set at 0.750 in.; possible range in value could be 0.732 to 0.761 inch. |   | <b>Location:</b> Calvert County, MD                     |                                |
| <b>Average Water Content of Trimmings, %:</b> 31.4  |   | <b>Boring:</b> B-321                                    | <b>Schnabel No.:</b> 06120048  |
|                              |   | <b>Depth:</b> 23.5-25.5 ft                              | <b>Elevation:</b> 47.2 to 45.2 |
|   |   | <b>Date:</b> 2/15/2007                                  | <b>Reviewed by:</b> CJS        |
|   |   | <b>Consolidation Test Report</b>                        |                                |

# Consolidation Test Data Sheet

Consolidometer ID: 5

2/15/07

REVISED FORM FOR NCR  
NO. 25237-NCR-028 and  
25237-NCR-031  
3/9/2007

Schnabel Contract: 06120048

Project: Calvert Cliffs Nuclear Power Plant

Test Method: ASTM D2435 Method A

Test Condition: Inundated @ 4 tsf

Initial Height of Specimen ( $H_0$ ), in.: 0.7500

Boring No.: B-321

Height of Solids ( $H_s$ ), in.: 0.3699

Depth: 23.5-25.5 ft

Seating Press. (tsf): 0.05

Initial Dial Gauge Reading ( $D_0$ ), in.: -0.0005

Reviewed by: CJS

| Pressure, P<br>(tsf) | Time Readings<br>Required | Date Load<br>Applied | Time Load<br>Applied | Load Applied<br>By | A  | B   | C  | D   | Vertical<br>Strain <sup>5</sup> , $\epsilon_i$<br>(%) | Void Ratio <sup>6</sup> ,<br>$e_i$ |
|----------------------|---------------------------|----------------------|----------------------|--------------------|--|---|--|---|---|------------------------------------|
|                      |                           |                      |                      |                    | Final <sup>1</sup> Dial<br>Reading, $D_{fi}$<br>$\times 10^{-4}$ in. | Apparatus<br>Correction <sup>2</sup> , $D_{ci}$<br>$\times 10^{-4}$ in. | Cumulative<br>Change in<br>Height <sup>3</sup> , $\Delta H_i$<br>in. | Height of Voids <sup>4</sup> ,<br>$H_{vi}$<br>in. |   |                                    |
| 0.5                  |                           | 10/4/2006            | 9:20                 | DWC                | -1   | 12  | -0.0008  | 0.3809  | -0.11   | 1.030                              |
| 1                    |                           | 10/5/2006            | 9:20                 | DWC                | 8  | 21  | -0.0008  | 0.3809  | -0.11   | 1.030                              |
| 2                    |                           | 10/6/2006            | 9:20                 | DWC                | 40   | 33  | 0.0012   | 0.3789  | 0.16  | 1.024                              |
| 4                    |                           | 10/7/2006            | 9:20                 | DWC                | 99   | 40  | 0.0064   | 0.3737  | 0.85  | 1.010                              |
| 8                    |                           | 10/9/2006            | 9:20                 | DWC                | 204  | 50  | 0.0159   | 0.3642  | 2.12  | 0.985                              |
| 4                    |                           | 10/10/2006           | 9:20                 | DWC                | 181  | 40  | 0.0146   | 0.3655  | 1.95  | 0.988                              |
| 2                    |                           | 10/11/2006           | 9:20                 | DWC                | 152  | 33  | 0.0124   | 0.3677  | 1.65  | 0.994                              |
| 4                    |                           | 10/12/2006           | 9:20                 | DWC                | 166  | 40  | 0.0131   | 0.3670  | 1.75  | 0.992                              |
| 8                    |                           | 10/13/2006           | 9:20                 | DWC                | 213  | 50  | 0.0168   | 0.3633  | 2.24  | 0.982                              |
| 16                   |                           | 10/14/2006           | 9:20                 | CJS                | 408  | 63  | 0.0350   | 0.3451  | 4.67  | 0.933                              |
| 32                   |                           | 10/16/2006           | 9:20                 | DWC                | 976  | 76  | 0.0905   | 0.2896  | 12.07   | 0.783                              |
| 64                   |                           | 10/17/2006           | 9:20                 | DWC                | 1677   | 87  | 0.1595   | 0.2206  | 21.27   | 0.596                              |
| 16                   |                           | 10/18/2006           | 9:20                 | DWC                | 1457   | 63  | 0.1399   | 0.2402  | 18.65   | 0.649                              |
| 4                    |                           | 10/19/2006           | 9:20                 | DWC                | 1129   | 40  | 0.1094   | 0.2707  | 14.59   | 0.732                              |
| 0.5                  |                           | 10/20/2006           | 9:20                 | DWC                | 689  | 12  | 0.0682   | 0.3119  | 9.09  | 0.843                              |

- Notes:
- "Final" based on test method; 24 hrs for Method A, end of primary for Method B.
  - Correction value, for the current pressure, from the consolidometer's calibration curve.
  - $\Delta H = D_{fi} - D_0 - D_{ci} = \text{Col. A} - D_0 - \text{Col. B}$
  - $H_{vi} = (H_0 - H_i) - \Delta H$
  - $\epsilon_i = (\Delta H / H_0) \times 100 = (\text{Col. C} / H_0) \times 100$
  - $e_i = H_{vi} / H_s = \text{Col. D} / H_s$



# Load Time Readings

10/26/06

Project: Calvert Cliffs Nuclear Power Plant

Schnabel Contract: 06120048

Boring No.: B-321

Depth: 23.5-25.5ft.

Consol. ID: 5

Reviewed by: CJS

| Elapsed Time<br>(min.) | Dial Guage Readings (inches) |                |               |               |               |               |
|------------------------|------------------------------|----------------|---------------|---------------|---------------|---------------|
|                        | 4 tsf<br>Reload              | 32 tsf<br>Load | X tsf<br>Load | X tsf<br>Load | X tsf<br>Load | X tsf<br>Load |
|                        | 10/12/2006                   | 10/16/2006     | Date          | Date          | Date          | Date          |
| 0.1                    | 0.0156                       | 0.0468         |               |               |               |               |
| 0.25                   | 0.0158                       | 0.0480         |               |               |               |               |
| 0.5                    | 0.0160                       | 0.0492         |               |               |               |               |
| 1                      | 0.0161                       | 0.0508         |               |               |               |               |
| 2                      | 0.0162                       | 0.0531         |               |               |               |               |
| 4                      | 0.0163                       | 0.0562         |               |               |               |               |
| 8                      | 0.0163                       | 0.0604         |               |               |               |               |
| 15                     | 0.0163                       | 0.0653         |               |               |               |               |
| 30                     | 0.0163                       | 0.0716         |               |               |               |               |
| 60                     | 0.0164                       | 0.0784         |               |               |               |               |
| 120                    | 0.0164                       | 0.0844         |               |               |               |               |
| 240                    | 0.0165                       | 0.0892         |               |               |               |               |
| 480                    | 0.0166                       | 0.0931         |               |               |               |               |
| 720                    | 0.0166                       | 0.0949         |               |               |               |               |
| 960                    | 0.0166                       | 0.0961         |               |               |               |               |
| 1200                   | 0.0166                       | 0.0968         |               |               |               |               |
| 1440                   | 0.0166                       | 0.0976         |               |               |               |               |
| 1680                   |                              |                |               |               |               |               |
| 1920                   |                              |                |               |               |               |               |
| 2160                   |                              |                |               |               |               |               |
| 2400                   |                              |                |               |               |               |               |
| 2640                   |                              |                |               |               |               |               |
| 2880                   |                              |                |               |               |               |               |
|                        |                              |                |               |               |               |               |
|                        |                              |                |               |               |               |               |



Project: Calvert Cliffs Nuclear Power Plant  
 Schnabel Contract: 06120048  
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