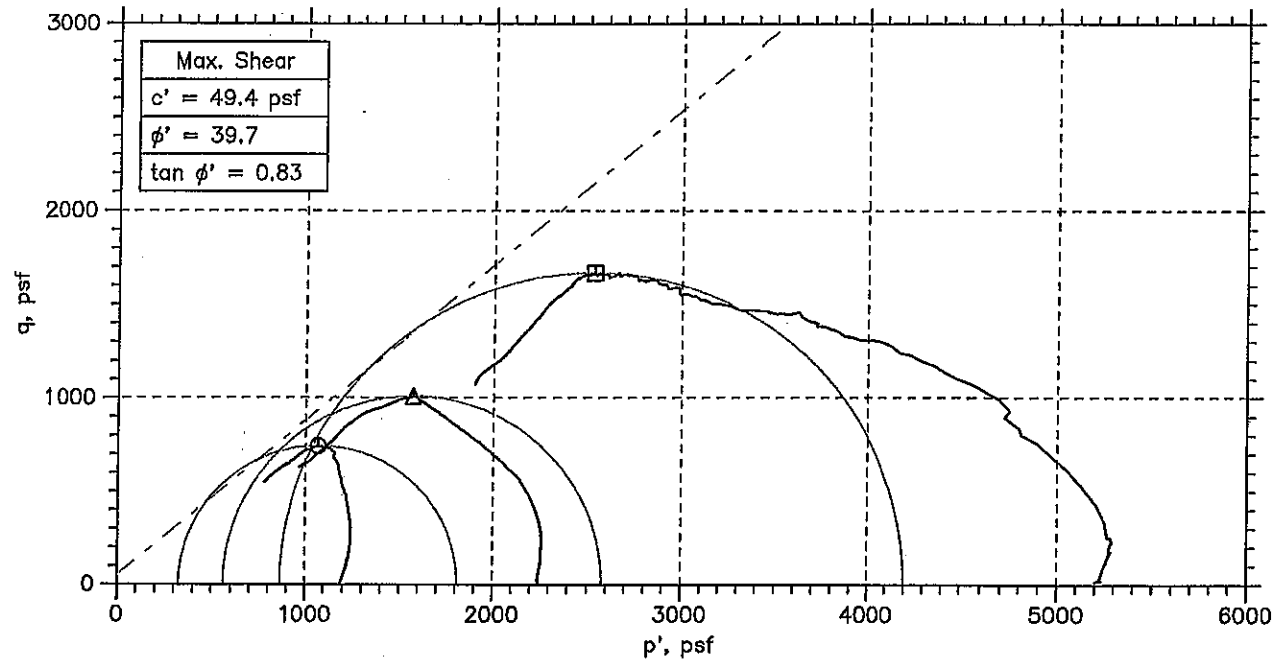
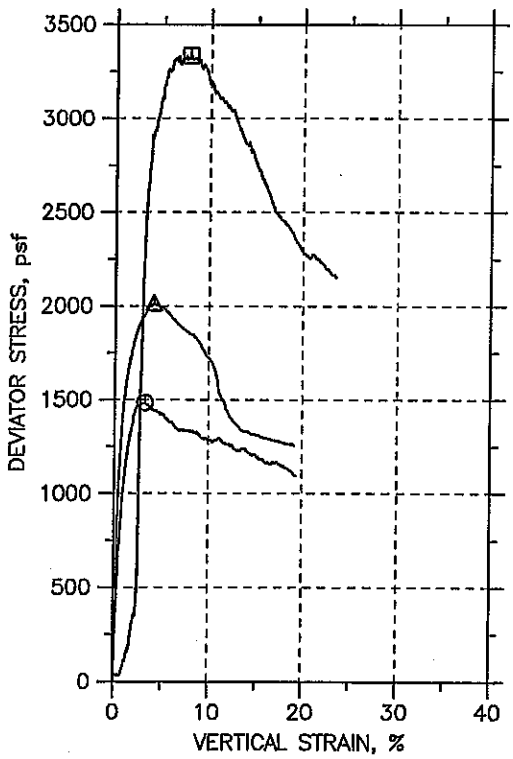
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△	⊡	
Sample No.		0295-16	295-16	0295-16	
Test No.		CU-5-1	CU-5-2	CU-5-3	
Depth		8-10 ft.	8-10 ft	8-10 ft.	
Initial	Diameter, in	2.87	2.86	2.86	
	Height, in	6	5.85	6.2	
	Water Content, %	352.4	319.1	351.2	
	Dry Density, pcf	14.84	16.47	15.05	
	Saturation, %	91.9	93.3	93.0	
	Void Ratio	10.4	9.23	10.2	
Before Shear	Water Content, %	401.4	311.0	189.8	
	Dry Density, pcf	14.24	17.94	27.53	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	10.8	8.4	5.12	
	Back Press., psf	10080	4219	9214	
Ver. Eff. Cons. Stress, psf		1200	2498	4999	
Shear Strength, psf		742.4	1009	1667	
Strain at Failure, %		3.24	4.1	7.78	
Strain Rate, %/min		0.02	0.02	0.02	
B-Value		0.95	---	---	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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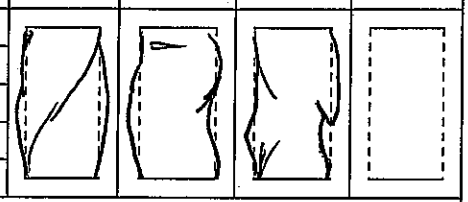
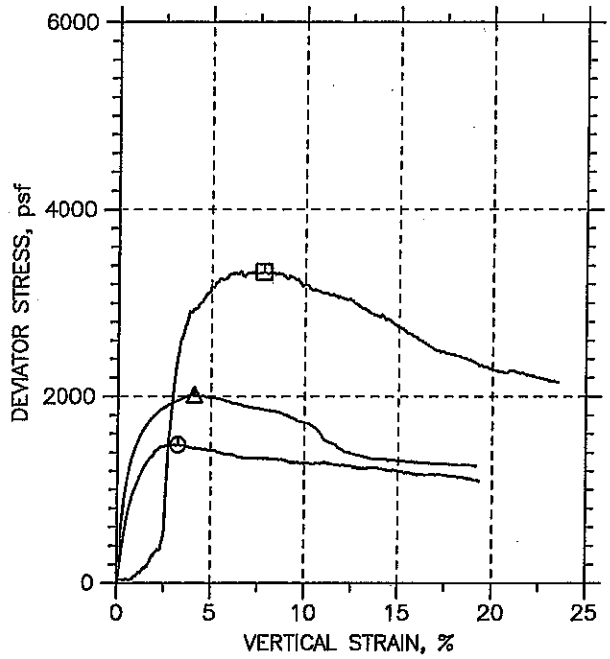
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ-13 04
Sample Type: tube
Description: Moist, light gray silt
Remarks: System E

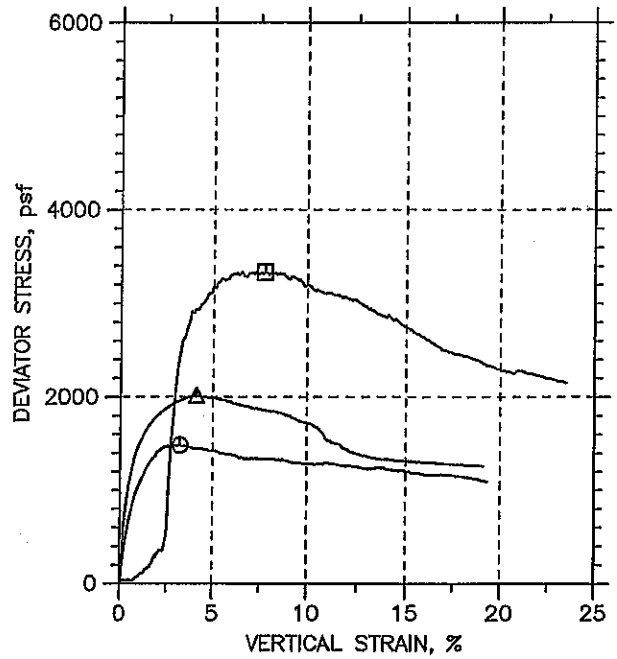


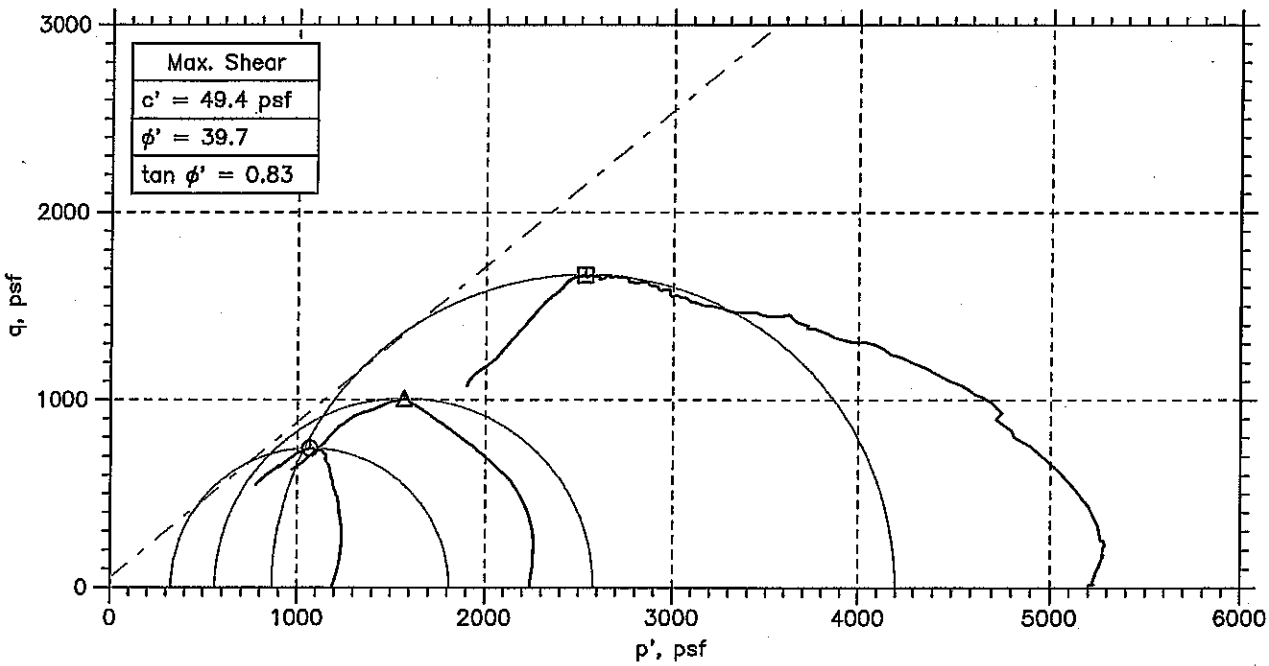
Thu, 10-MAY-2007 10:34:56

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0295-16	CU-5-1	8-10 ft.	njh	04/23/07	jdt		7143-CU-5-1n.dat
△	295-16	CU-5-2	8-10 ft	njh	04/17/07	jdt		7143-CU-5-2an.dat
⊡	0295-16	CU-5-3	8-10 ft.	njh	04/17/07	jdt		7143-CU-5-3an.dat

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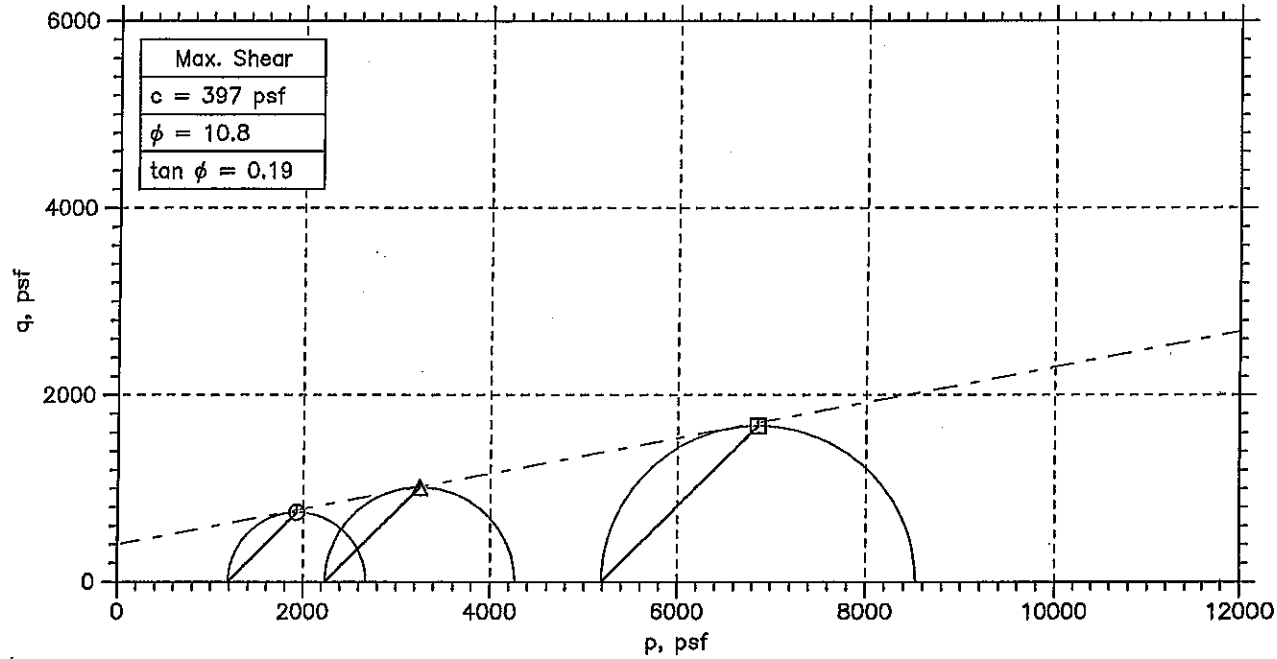
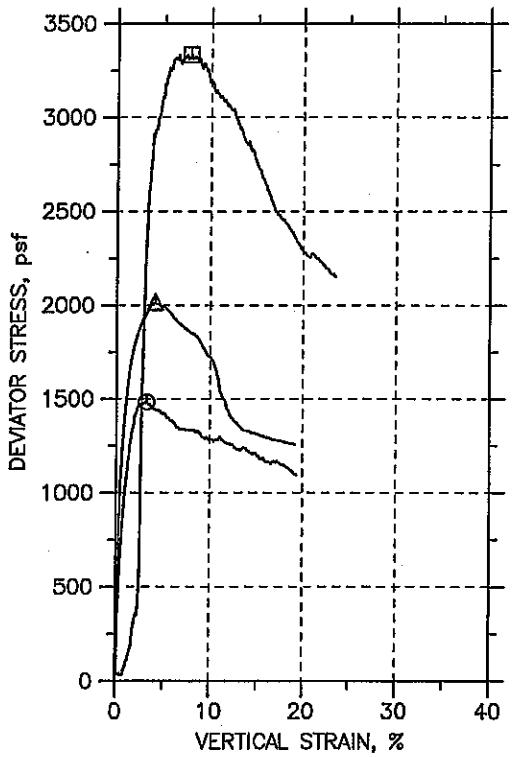
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: PZ-13 04	Sample Type: tube	
Description: Moist, light gray silt		
Remarks: System E		

Thu, 10-MAY-2007 10:35:03

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0295-16	295-16	0295-16	
Test No.		CU-5-1	CU-5-2	CU-5-3	
Depth		8-10 ft.	8-10 ft	8-10 ft.	
Initial	Diameter, in	2.87	2.86	2.86	
	Height, in	6	5.85	6.2	
	Water Content, %	352.4	319.1	351.2	
	Dry Density, pcf	14.84	16.47	15.05	
	Saturation, %	91.9	93.3	93.0	
	Void Ratio	10.4	9.23	10.2	
Before Shear	Water Content, %	401.4	311.0	189.8	
	Dry Density, pcf	14.24	17.94	27.53	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	10.8	8.4	5.12	
	Back Press., psf	10080	4219	9214	
Ver. Eff. Cons. Stress, psf		1200	2498	4999	
Shear Strength, psf		742.4	1009	1667	
Strain at Failure, %		3.24	4.1	7.78	
Strain Rate, %/min		0.02	0.02	0.02	
B-Value		0.95	---	---	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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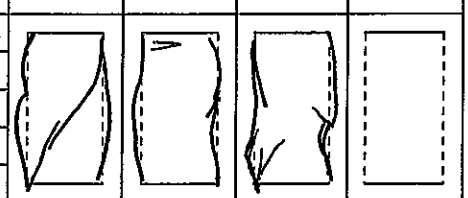
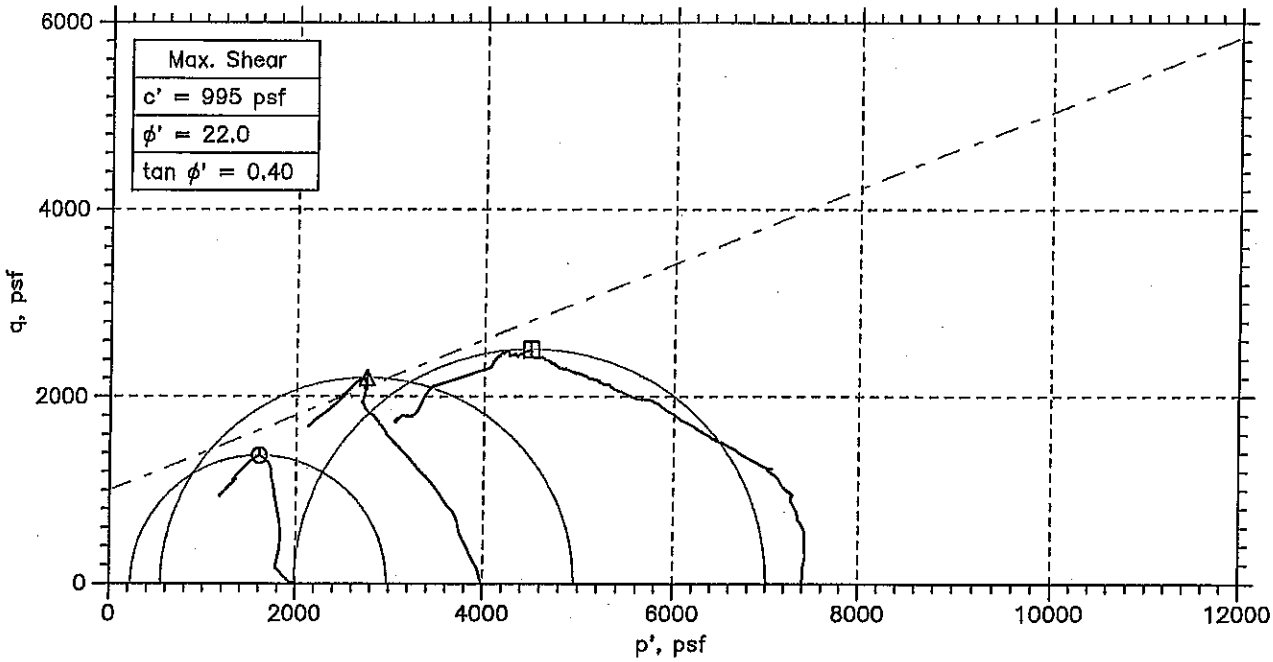
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ-13 04
Sample Type: tube
Description: Moist, light gray silt
Remarks: System E

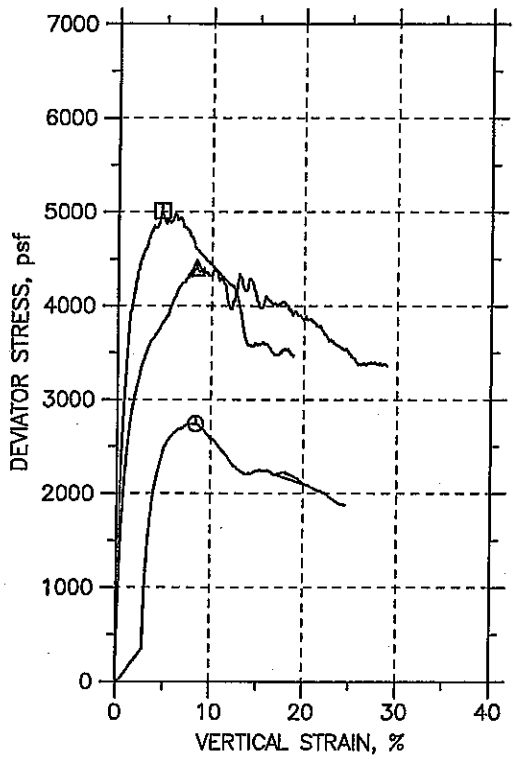


Mon, 21-MAY-2007 14:21:00

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0295-18	0295-18	0295-18	
Test No.		CU-6-1	CU-6-2	CU-6-3	
Depth		28-30 ft	28-30 ft	28-30 ft	
Initial	Diameter, in	2.86	2.87	2.87	
	Height, in	5.95	6	5.98	
	Water Content, %	341.8	331.8	320.5	
	Dry Density, pcf	16.22	16.46	16.79	
	Saturation, %	98.2	96.9	95.7	
	Void Ratio	9.43	9.28	9.08	
Before Shear	Water Content, %	275.4	261.7	212.7	
	Dry Density, pcf	19.99	20.91	25.01	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	7.46	7.09	5.76	
	Back Press., psf	10940	4465	9647	
Ver. Eff. Cons. Stress, psf		1999	3998	8001	
Shear Strength, psf		1372	2203	2507	
Strain at Failure, %		8.36	8.39	4.64	
Strain Rate, %/min		0.008	0.008	0.008	
B-Value		0.95	0.96	0.95	
Measured Specific Gravity		2.71	2.71	2.71	
Liquid Limit		184	184	184	
Plastic Limit		123	123	123	

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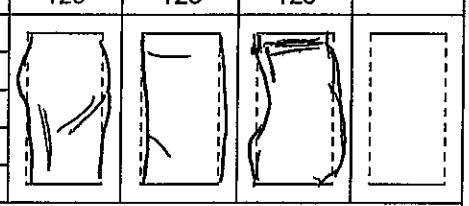
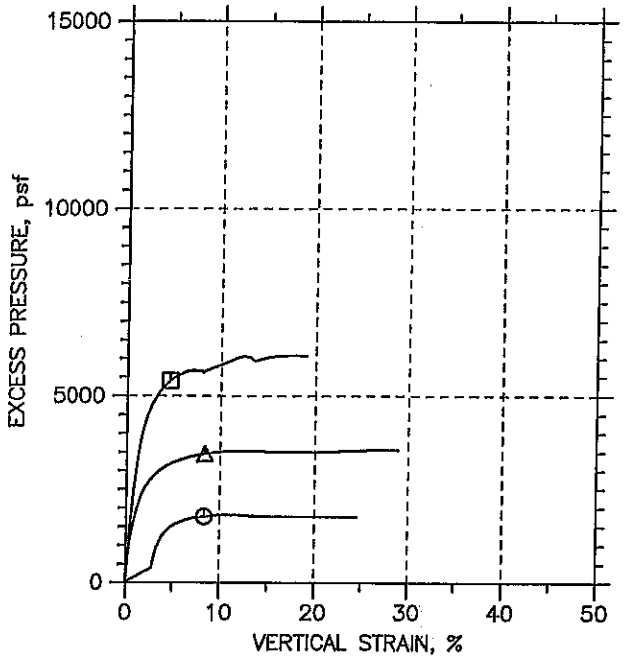
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ-13-04
Sample Type: tube
Description: Moist, gray silt
Remarks: System S

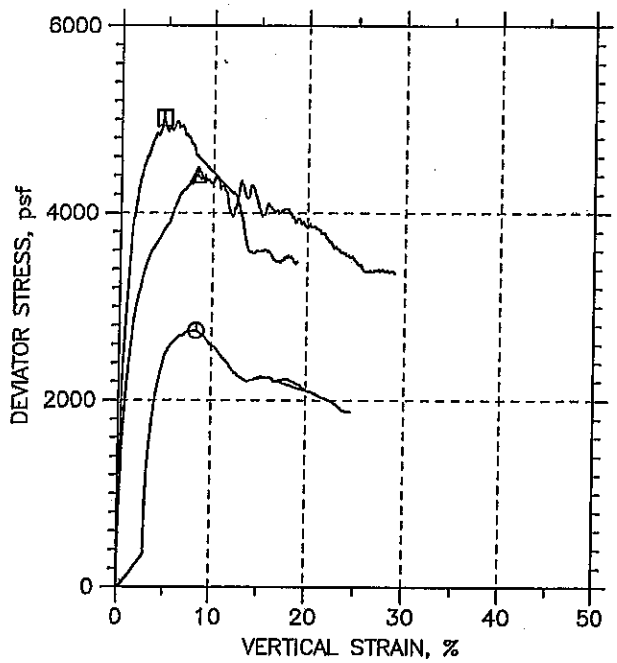


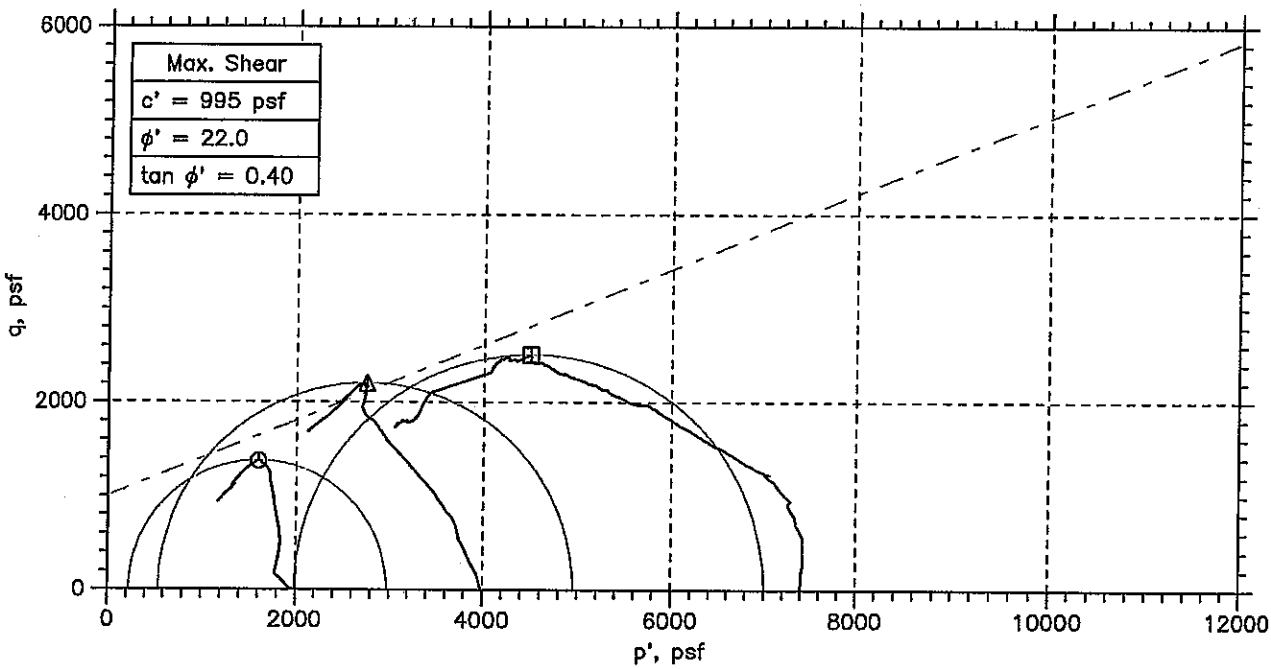
Mon, 21-MAY-2007 16:02:55

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0295-18	CU-6-1	28-30 ft	md	04/29/07	jdt		7143-CU-6-1n.dat
△	0295-18	CU-6-2	28-30 ft	njh	03/22/07	jdt		7143-CU-6-2n.dat
⊡	0295-18	CU-6-3	28-30 ft	njh	04/25/07	jdt		7143-CU-6-3n.dat

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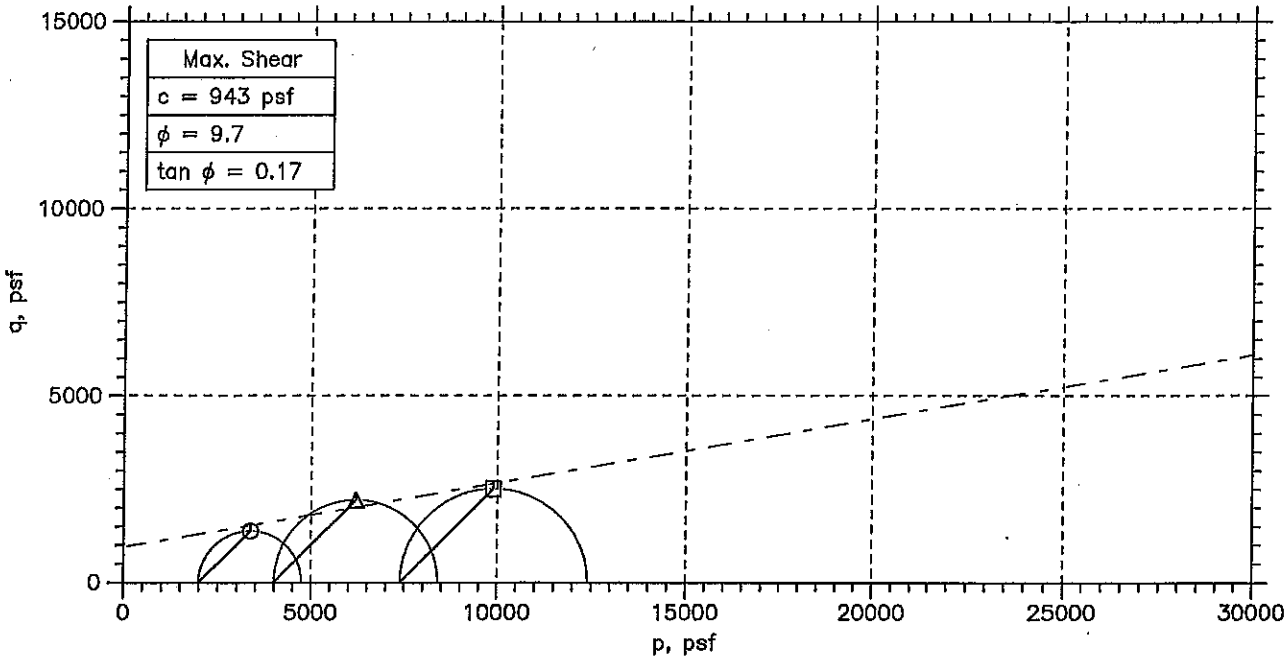
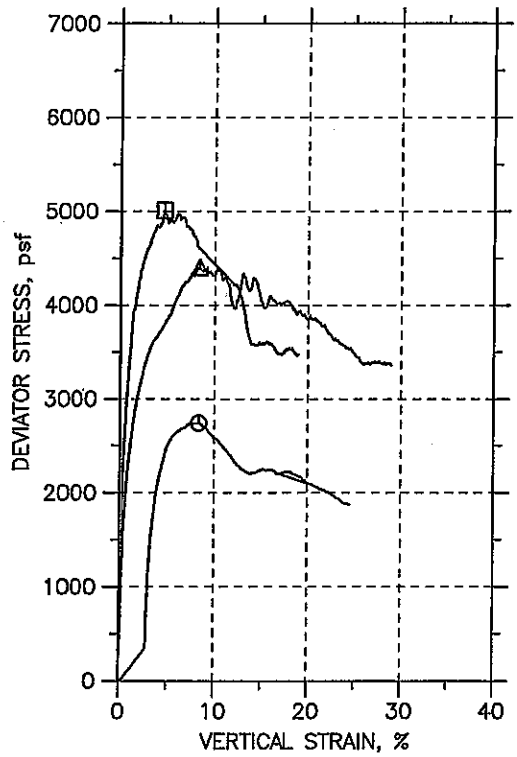
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: PZ-13-04	Sample Type: tube	
Description: Moist, gray silt		
Remarks: System S		

Mon, 21-MAY-2007 16:03:02

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△	⊡	
Sample No.		0295-18	0295-18	0295-18	
Test No.		CU-6-1	CU-6-2	CU-6-3	
Depth		28-30 ft	28-30 ft	28-30 ft	
Initial	Diameter, in	2.86	2.87	2.87	
	Height, in	5.95	6	5.98	
	Water Content, %	341.8	331.8	320.5	
	Dry Density, pcf	16.22	16.46	16.79	
	Saturation, %	98.2	96.9	95.7	
	Void Ratio	9.43	9.28	9.08	
Before Shear	Water Content, %	275.4	261.7	212.7	
	Dry Density, pcf	19.99	20.91	25.01	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	7.46	7.09	5.76	
	Back Press., psf	10940	4465	9647	
Ver. Eff. Cons. Stress, psf		1999	3998	8001	
Shear Strength, psf		1372	2203	2507	
Strain at Failure, %		8.36	8.39	4.64	
Strain Rate, %/min		0.008	0.008	0.008	
B-Value		0.95	0.96	0.95	
Measured Specific Gravity		2.71	2.71	2.71	
Liquid Limit		184	184	184	
Plastic Limit		123	123	123	

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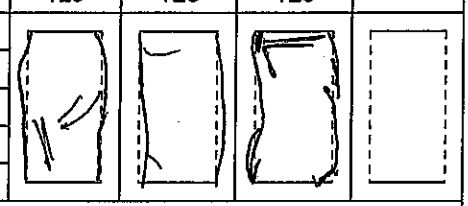
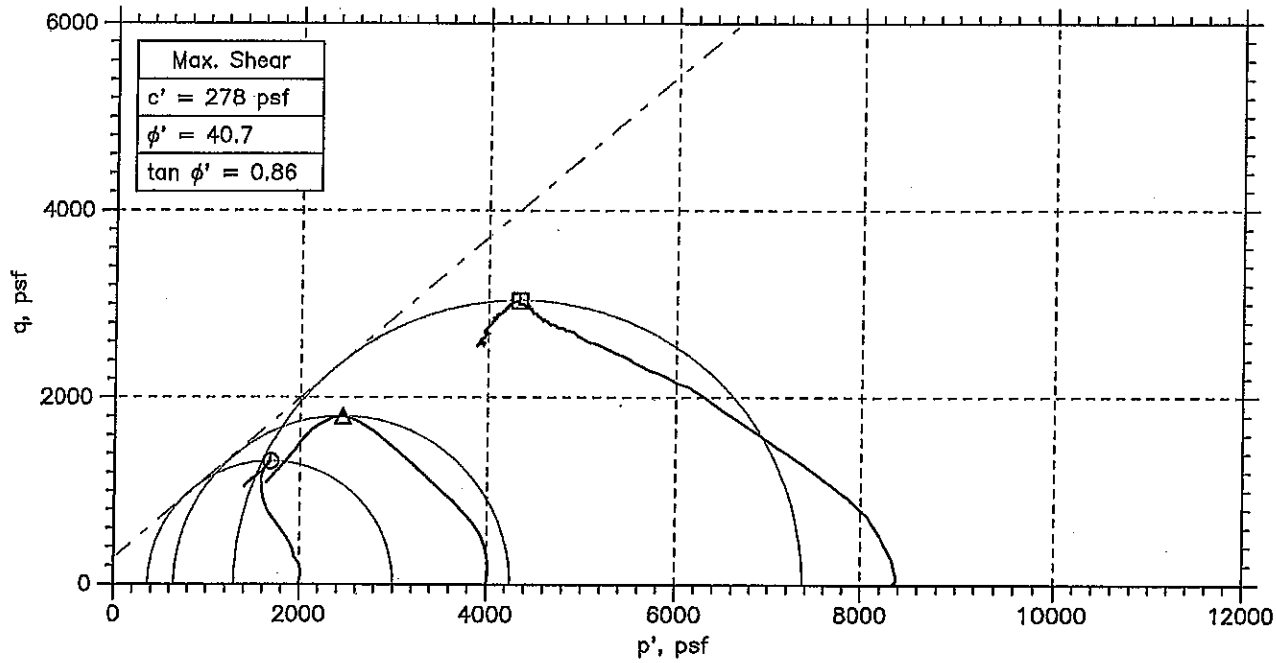
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ-13-04
Sample Type: tube
Description: Moist, gray silt
Remarks: System S

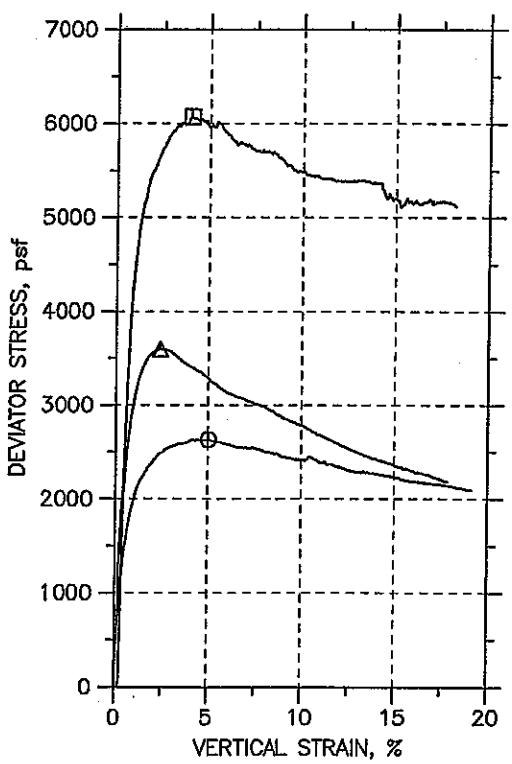


Mon, 21-MAY-2007 16:03:21

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△	⊡	
Sample No.		0296-17	0296-17	0296-17	
Test No.		CU-7-1	CU-7-2	CU-7-3	
Depth		22-24 ft	22-24 ft	22-24 ft	
Initial	Diameter, in	2.86	2.86	2.87	
	Height, in	6.284	5.76	6.2	
	Water Content, %	159.2	186.0	224.1	
	Dry Density, pcf	24.79	25.34	23.74	
	Saturation, %	74.7	89.5	99.9	
	Void Ratio	5.52	5.38	5.81	
Before Shear	Water Content, %	109.9	246.7	196.4	
	Dry Density, pcf	42.03	21.88	26.57	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	2.85	6.39	5.09	
	Back Press., psf	8351	15700	16990	
Ver. Eff. Cons. Stress, psf		2000	4003	7998	
Shear Strength, psf		1317	1799	3037	
Strain at Failure, %		5.03	2.39	4.01	
Strain Rate, %/min		0.022	0.022	0.022	
B-Value		0.96	0.95	0.92	
Measured Specific Gravity		2.59	2.59	2.59	
Liquid Limit		203	203	203	
Plastic Limit		144	144	144	

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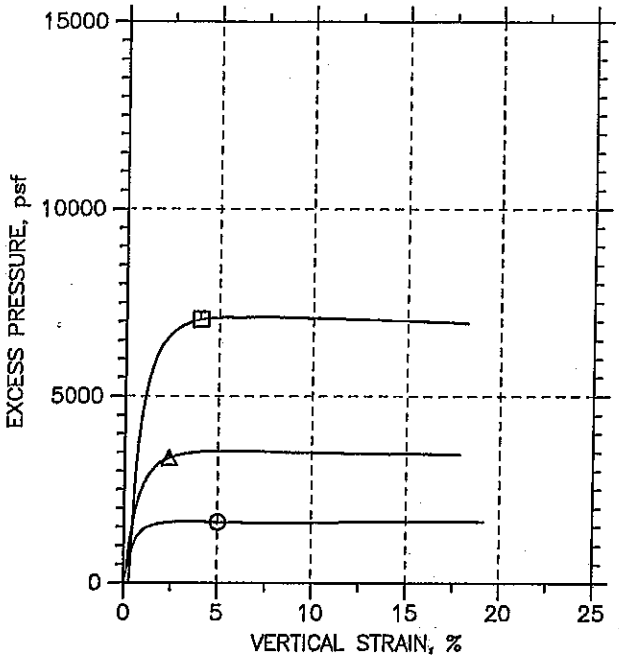
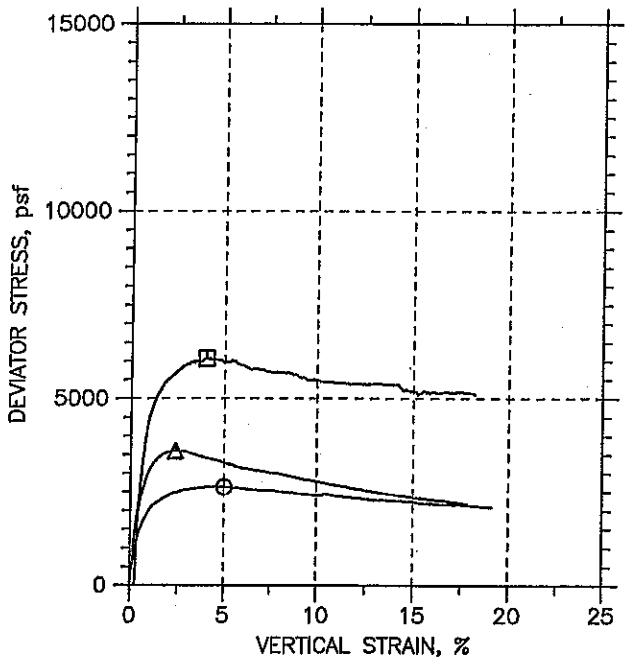
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ-13 14
Sample Type: tube
Description: Moist, gray silt
Remarks: System F

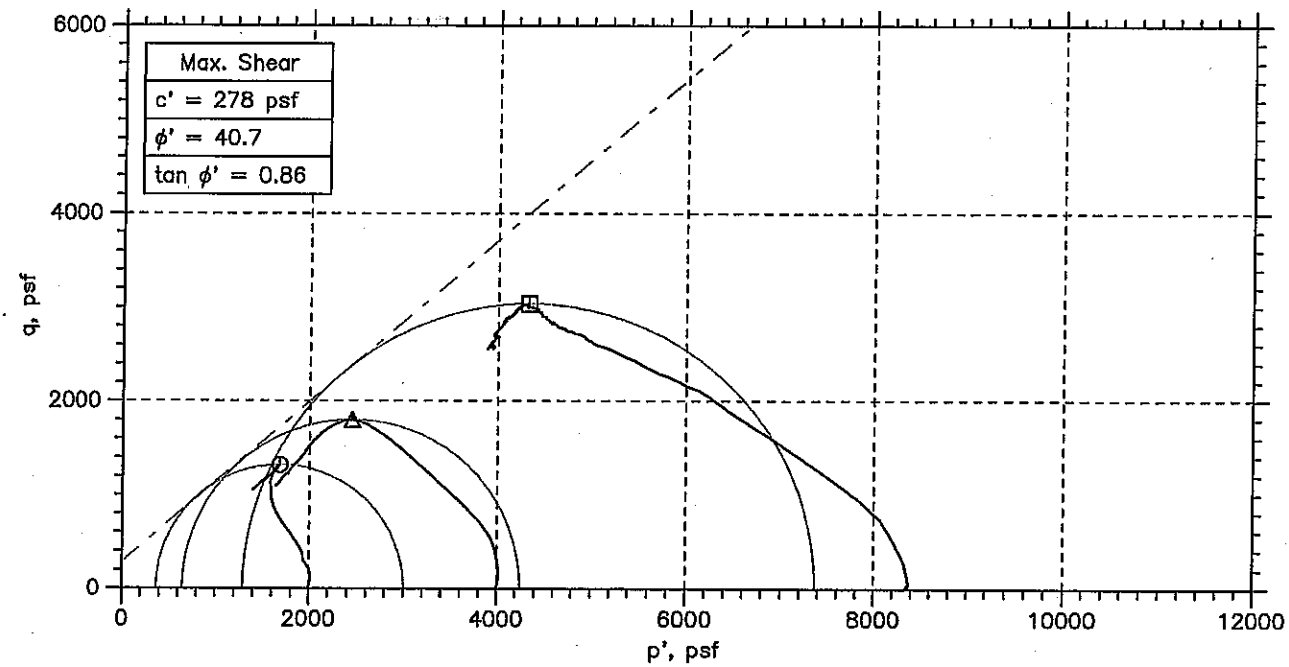
Fri, 18-MAY-2007 12:35:04

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0296-17	CU-7-1	22-24 ft	njh	04/30/07	jdt		7143-CU-7-1n.dat
△	0296-17	CU-7-2	22-24 ft	njh	04/30/07	jdt		7143-CU-7-2n.dat
⊡	0296-17	CU-7-3	22-24 ft	md	04/29/07	jdt		7143-CU-7-3n.dat

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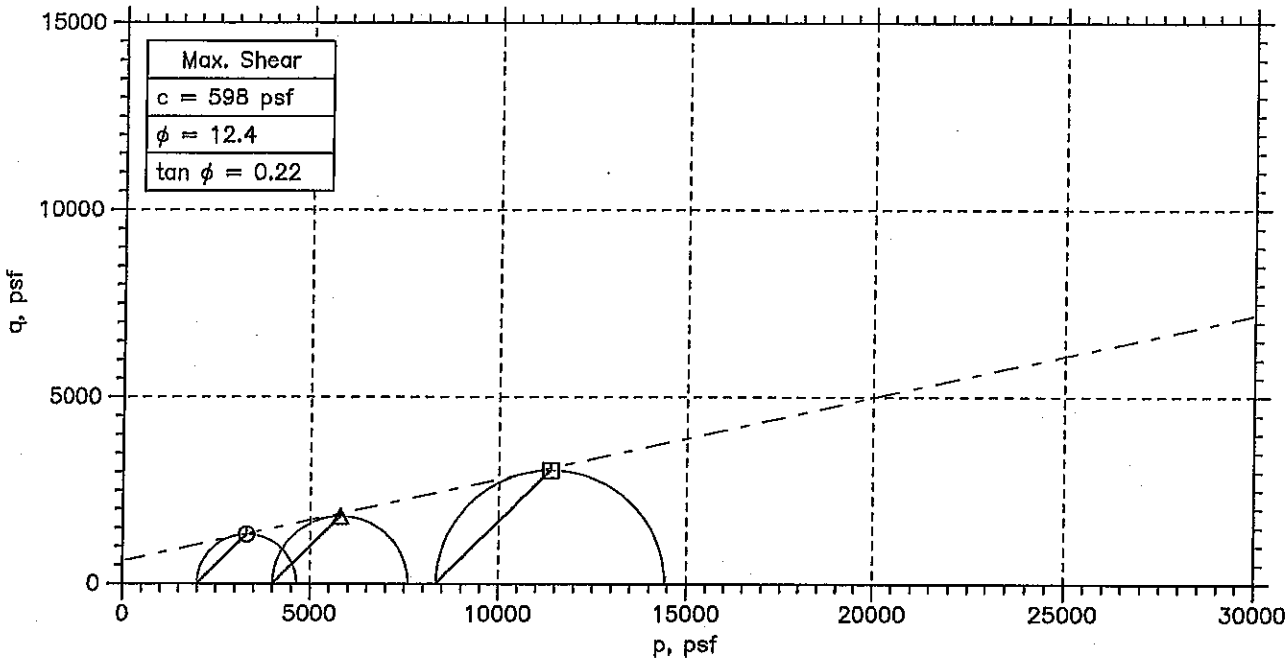
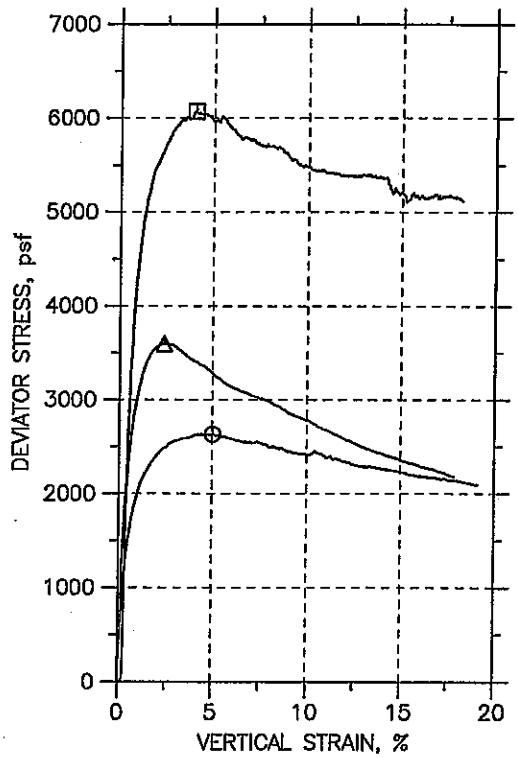
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: PZ-13 14	Sample Type: tube	
Description: Moist, gray silt		
Remarks: System F		

Fri, 18-MAY-2007 12:35:37

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△	⊡	
Sample No.		0296-17	0296-17	0296-17	
Test No.		CU-7-1	CU-7-2	CU-7-3	
Depth		22-24 ft	22-24 ft	22-24 ft	
Initial	Diameter, in	2.86	2.86	2.87	
	Height, in	6.284	5.76	6.2	
	Water Content, %	159.2	186.0	224.1	
	Dry Density, pcf	24.79	25.34	23.74	
	Saturation, %	74.7	89.5	99.9	
	Void Ratio	5.52	5.38	5.81	
Before Shear	Water Content, %	109.9	246.7	196.4	
	Dry Density, pcf	42.03	21.88	26.57	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	2.85	6.39	5.09	
	Back Press., psf	8351	15700	16990	
Ver. Eff. Cons. Stress, psf		2000	4003	7998	
Shear Strength, psf		1317	1799	3037	
Strain at Failure, %		5.03	2.39	4.01	
Strain Rate, %/min		0.022	0.022	0.022	
B-Value		0.96	0.95	0.92	
Measured Specific Gravity		2.59	2.59	2.59	
Liquid Limit		203	203	203	
Plastic Limit		144	144	144	

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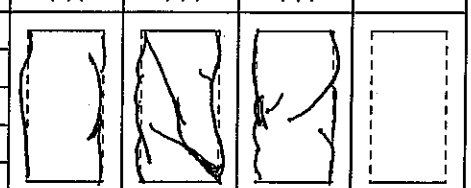
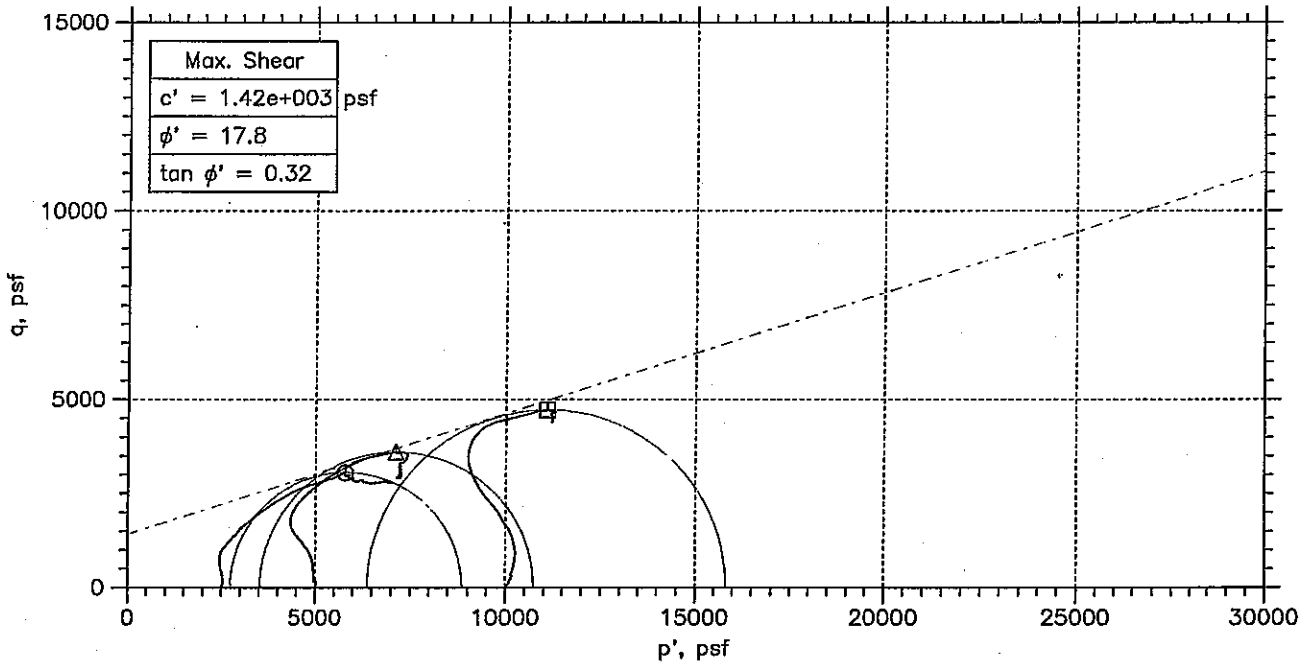
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ-13 14
Sample Type: tube
Description: Moist, gray silt
Remarks: System F

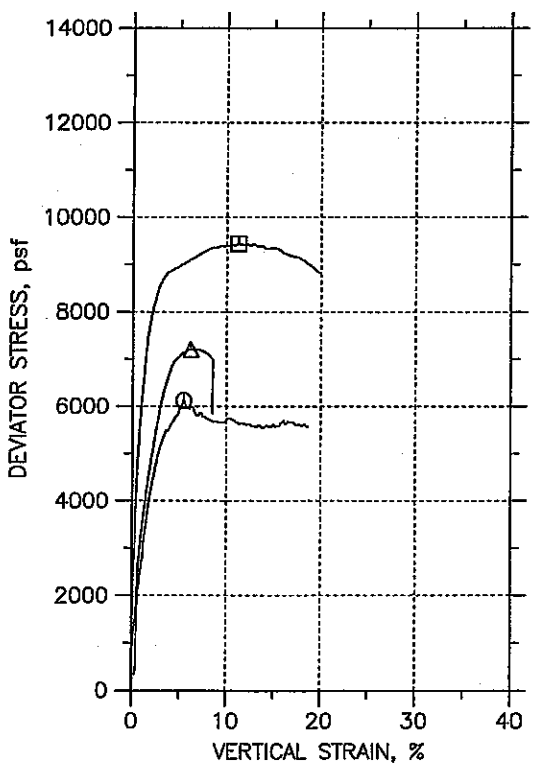


Mon, 21-MAY-2007 15:16:59

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0296-18	0296-18	0296-18	
Test No.		CU-1-1a	CU-1-2	CU-1-3	
Depth		47-49 ft	47-49 ft	47-49 ft	
Initial	Diameter, in	2.01	2.01	2.01	
	Height, in	4.09	4.03	4.05	
	Water Content, %	16.0	21.2	23.2	
	Dry Density, pcf	117.8	107.2	103.7	
	Saturation, %	95.2	96.3	96.6	
	Void Ratio	0.463	0.608	0.662	
Before Shear	Water Content, %	25.2	26.3	26.0	
	Dry Density, pcf	101.6	99.78	100.3	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	0.696	0.727	0.718	
	Back Press., psf	18720	16560	15700	
Ver. Eff. Cons. Stress, psf		2499	5000	9999	
Shear Strength, psf		3062	3605	4720	
Strain at Failure, %		5.47	6.21	11.3	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.92	0.96	0.90	
Estimated Specific Gravity		2.76	2.76	2.76	
Liquid Limit		54	54	54	
Plastic Limit		24	24	24	

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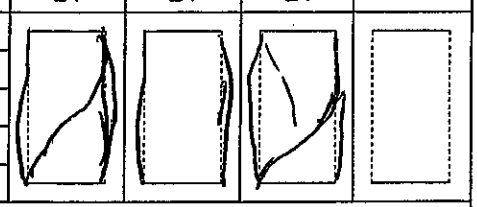
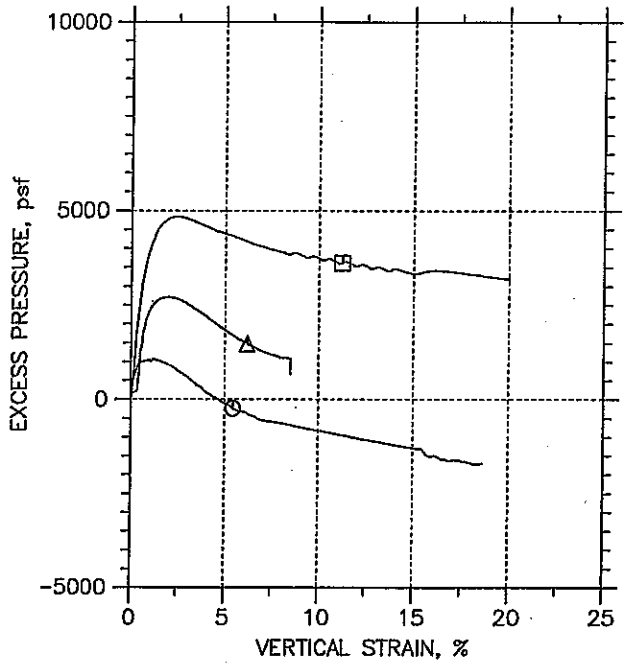
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ13-14
Sample Type: tube
Description: Moist, brown clay
Remarks: System S

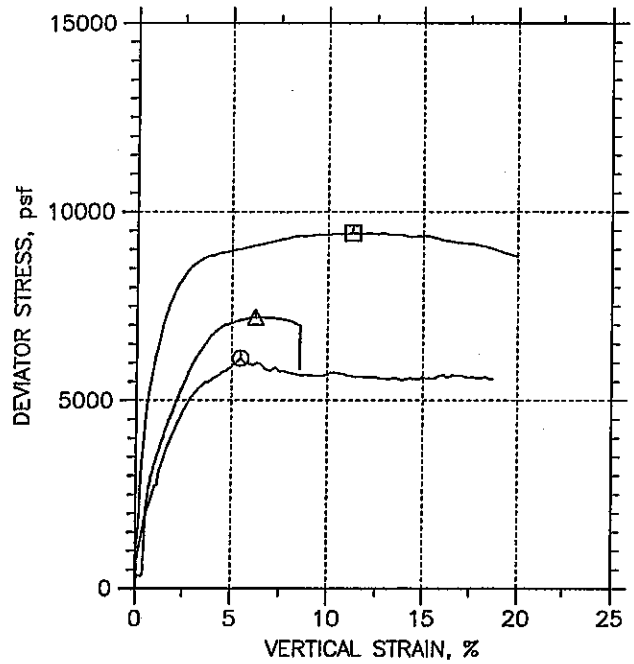


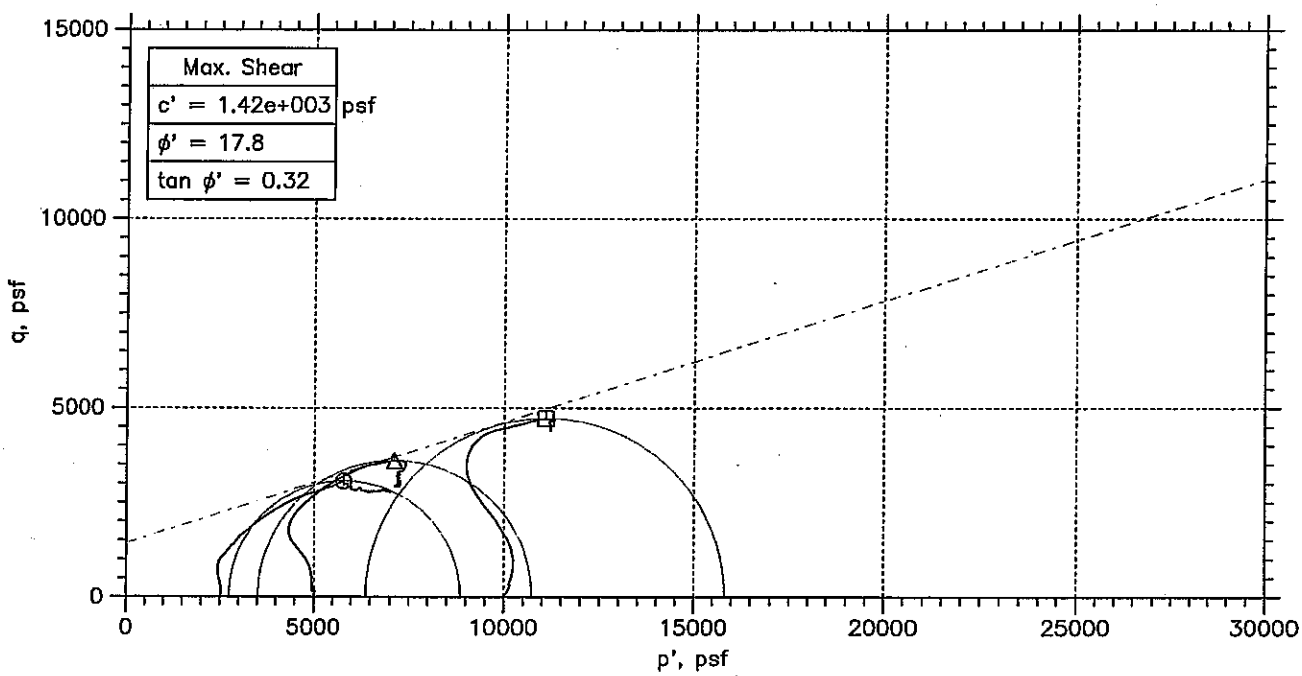
Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

Thu, 19-APR-2007 17:20:14

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0296-18	CU-1-1a	47-49 ft	md	02/07/07	jdt		7143-CU-1-1an.dat
△	0296-18	CU-1-2	47-49 ft	md	01/21/07	jdt		7143-CU-1-2n.dat
⊡	0296-18	CU-1-3	47-49 ft	njh	01/25/07	jdt		7143-CU-1-3n.dat

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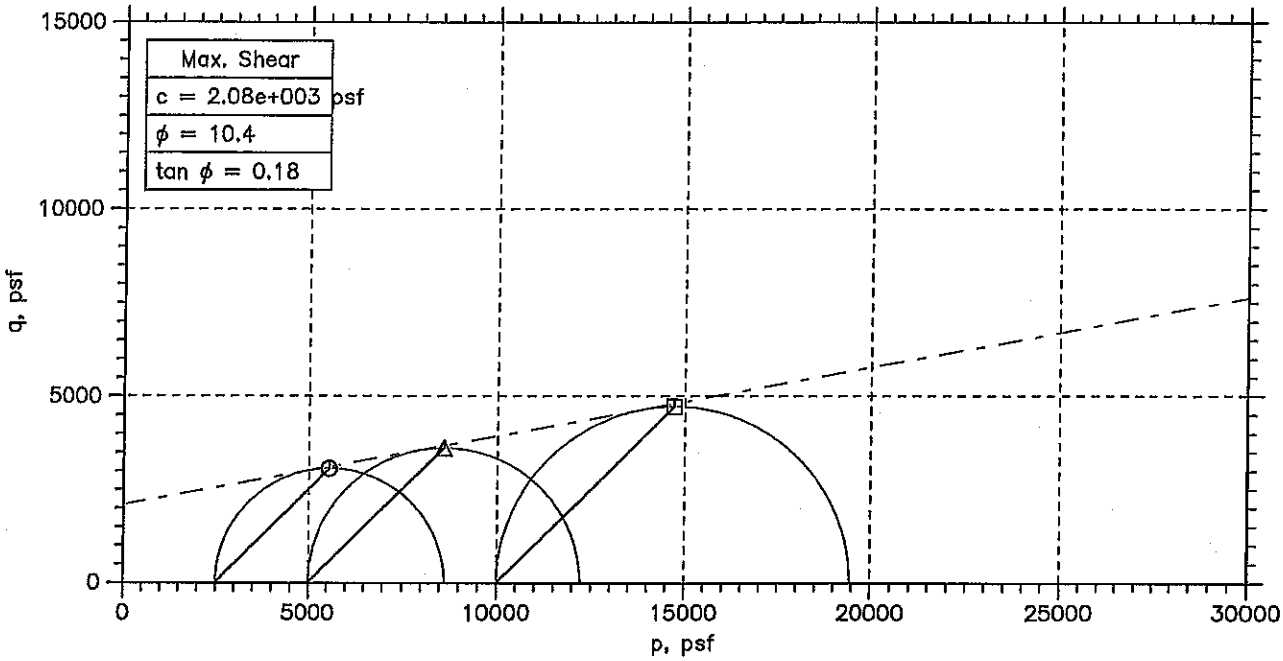
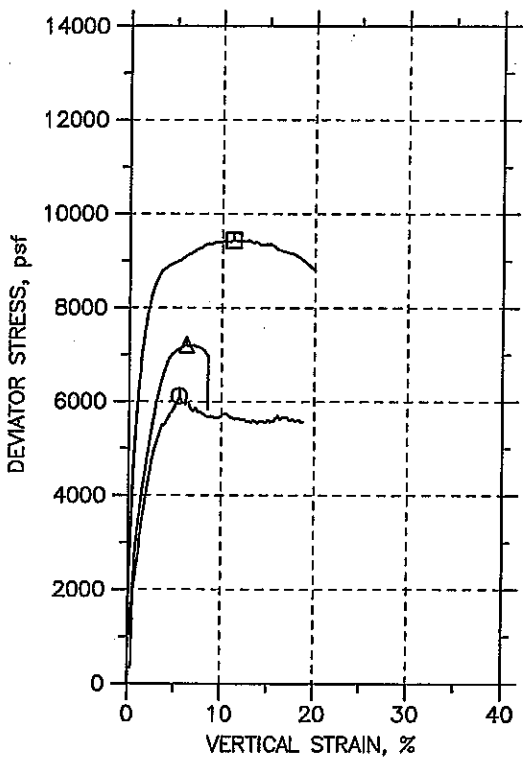
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: PZ13-14	Sample Type: tube	
Description: Moist, brown clay		
Remarks: System S		

Thu, 19-APR-2007 17:20:16

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0296-18	0296-18	0296-18	
Test No.		CU-1-1a	CU-1-2	CU-1-3	
Depth		47-49 ft	47-49 ft	47-49 ft	
Initial	Diameter, in	2.01	2.01	2.01	
	Height, in	4.09	4.03	4.05	
	Water Content, %	16.0	21.2	23.2	
	Dry Density, pcf	117.8	107.2	103.7	
	Saturation, %	95.2	96.3	96.6	
	Void Ratio	0.463	0.608	0.662	
Before Shear	Water Content, %	25.2	26.3	26.0	
	Dry Density, pcf	101.6	99.78	100.3	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	0.696	0.727	0.718	
	Back Press., psf	18720	16560	15700	
Ver. Eff. Cons. Stress, psf		2499	5000	9999	
Shear Strength, psf		3062	3605	4720	
Strain at Failure, %		5.47	6.21	11.3	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.92	0.96	0.90	
Estimated Specific Gravity		2.76	2.76	2.76	
Liquid Limit		54	54	54	
Plastic Limit		24	24	24	

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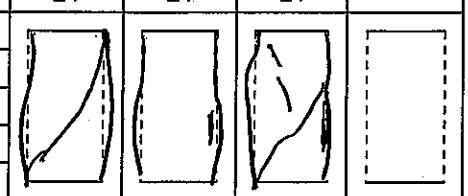
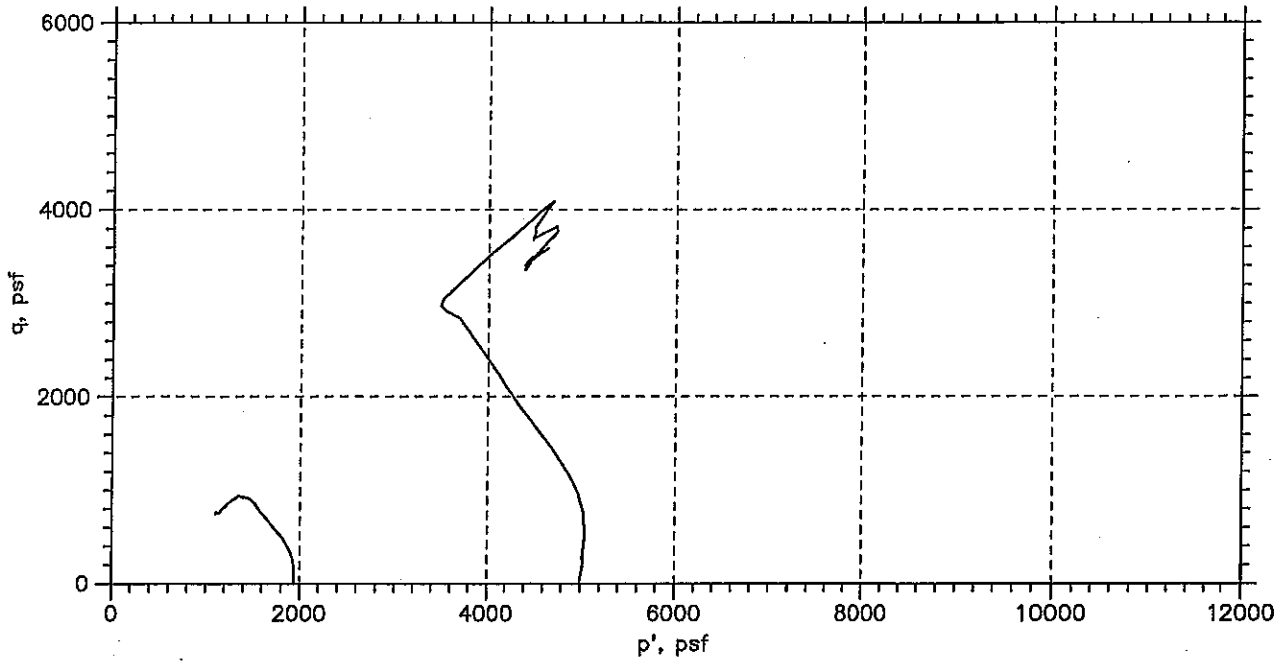
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ13-14
Sample Type: tube
Description: Moist, brown clay
Remarks: System S

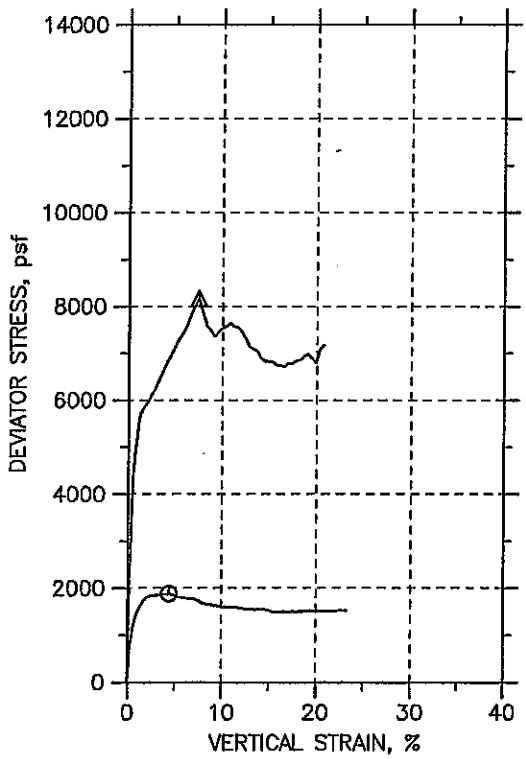


Mon, 21-MAY-2007 14:17:08

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△		
Sample No.		0297-01	0297-01		
Test No.		CU-9-2	CU-9-3		
Depth		8-10 ft	8-10 ft		
Initial	Diameter, in	2.86	2.86		
	Height, in	5.85	6		
	Water Content, %	323.2	110.9		
	Dry Density, pcf	16.57	41.1		
	Saturation, %	95.5	97.4		
	Void Ratio	8.91	2.99		
Before Shear	Water Content, %	278.4	111.4		
	Dry Density, pcf	19.73	41.78		
	Saturation*, %	100.0	100.0		
	Void Ratio	7.32	2.93		
	Back Press., psf	6624	11380		
Ver. Eff. Cons. Stress, psf		2500	4998		
Shear Strength, psf		941.6	4084		
Strain at Failure, %		4.43	7.46		
Strain Rate, %/min		0.04	0.04		
B-Value		0.95	0.95		
Measured Specific Gravity		2.63	2.63		
Liquid Limit		172	172		
Plastic Limit		116	116		

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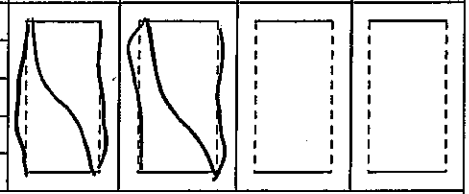
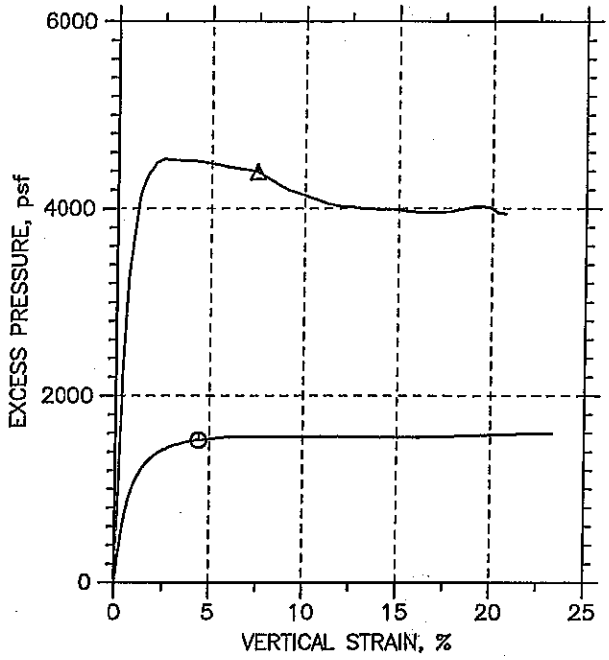
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-01
Sample Type: tube
Description: Moist, gray gravelly silt
Remarks: System F

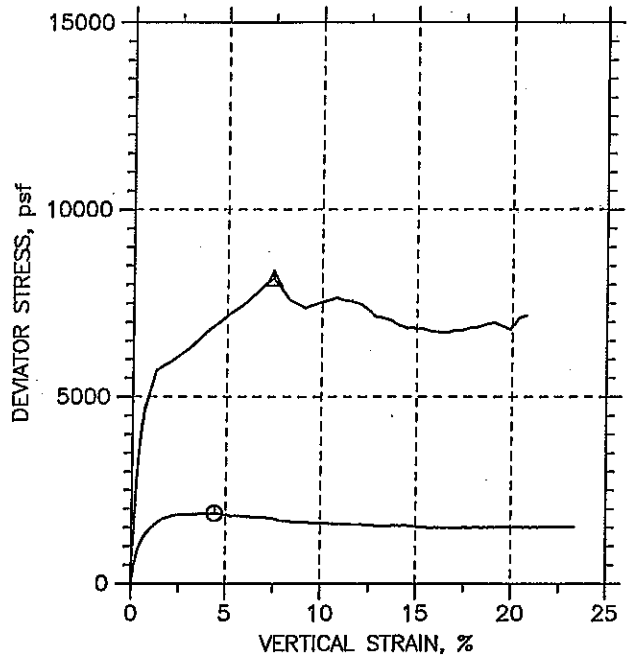


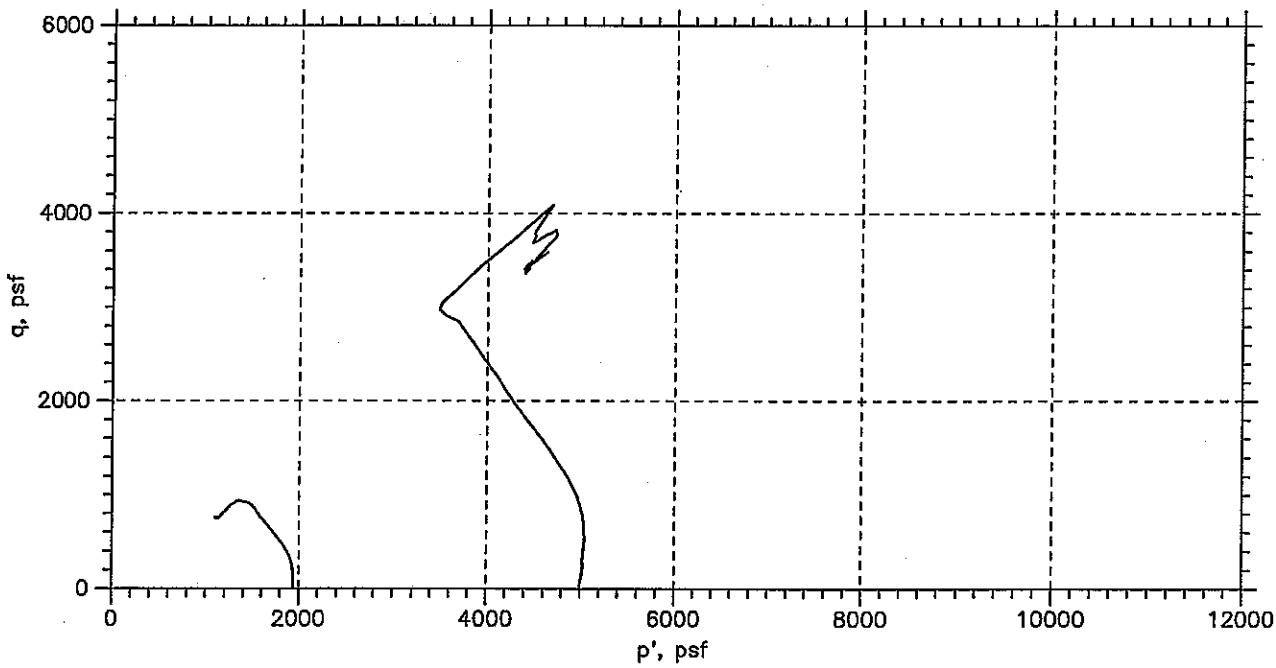
Wed, 23-MAY-2007 14:27:59

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0297-01	CU-9-2	8-10 ft	njh	05/03/07	jdt		7143-CU-9-2n.dat
△	0297-01	CU-9-3	8-10 ft	njh	05/02/07	jdt		7143-CU-9-3n.dat

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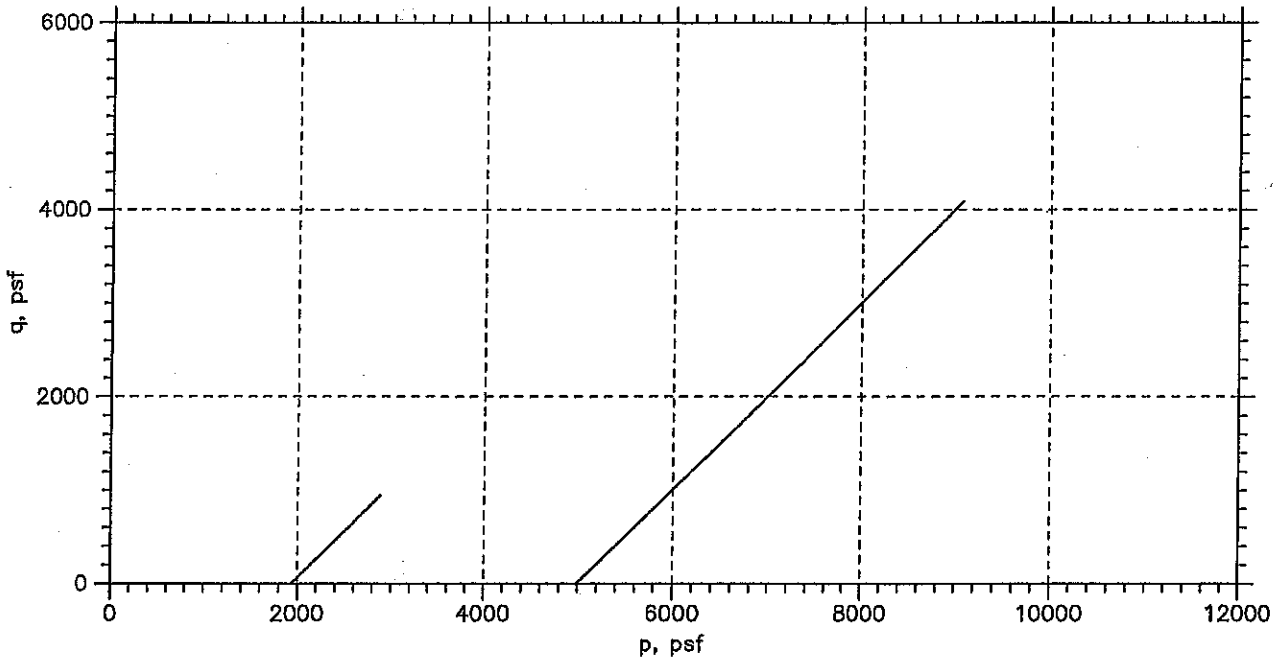
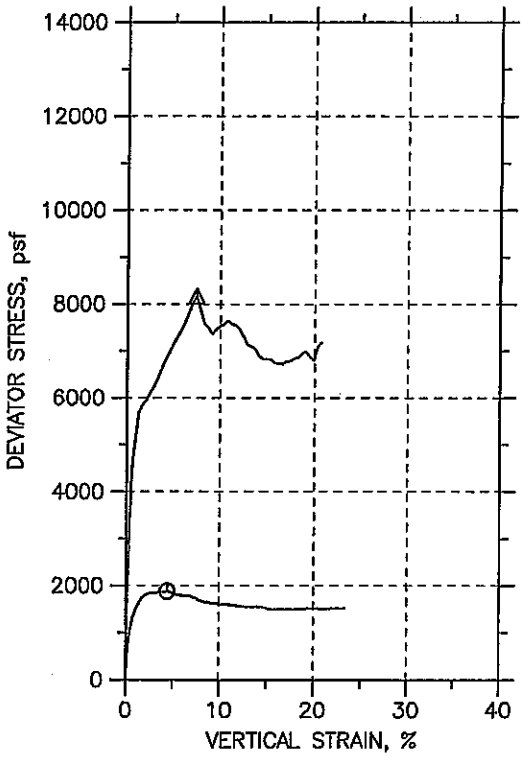
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-01	Sample Type: tube	
Description: Moist, gray gravelly silt		
Remarks: System F		

Wed, 23-MAY-2007 14:28:23

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△		
Sample No.		0297-01	0297-01		
Test No.		CU-9-2	CU-9-3		
Depth		8-10 ft	8-10 ft		
Initial	Diameter, in	2.86	2.86		
	Height, in	5.85	6		
	Water Content, %	323.2	110.9		
	Dry Density, pcf	16.57	41.1		
	Saturation, %	95.5	97.4		
	Void Ratio	8.91	2.99		
Before Shear	Water Content, %	278.4	111.4		
	Dry Density, pcf	19.73	41.78		
	Saturation*, %	100.0	100.0		
	Void Ratio	7.32	2.93		
	Back Press., psf	6624	11380		
Ver. Eff. Cons. Stress, psf		2500	4998		
Shear Strength, psf		941.6	4084		
Strain at Failure, %		4.43	7.46		
Strain Rate, %/min		0.04	0.04		
B-Value		0.95	0.95		
Measured Specific Gravity		2.63	2.63		
Liquid Limit		172	172		
Plastic Limit		116	116		

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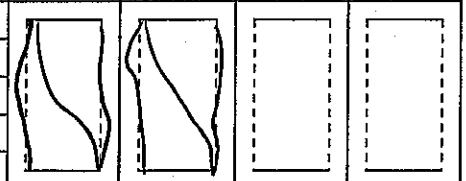
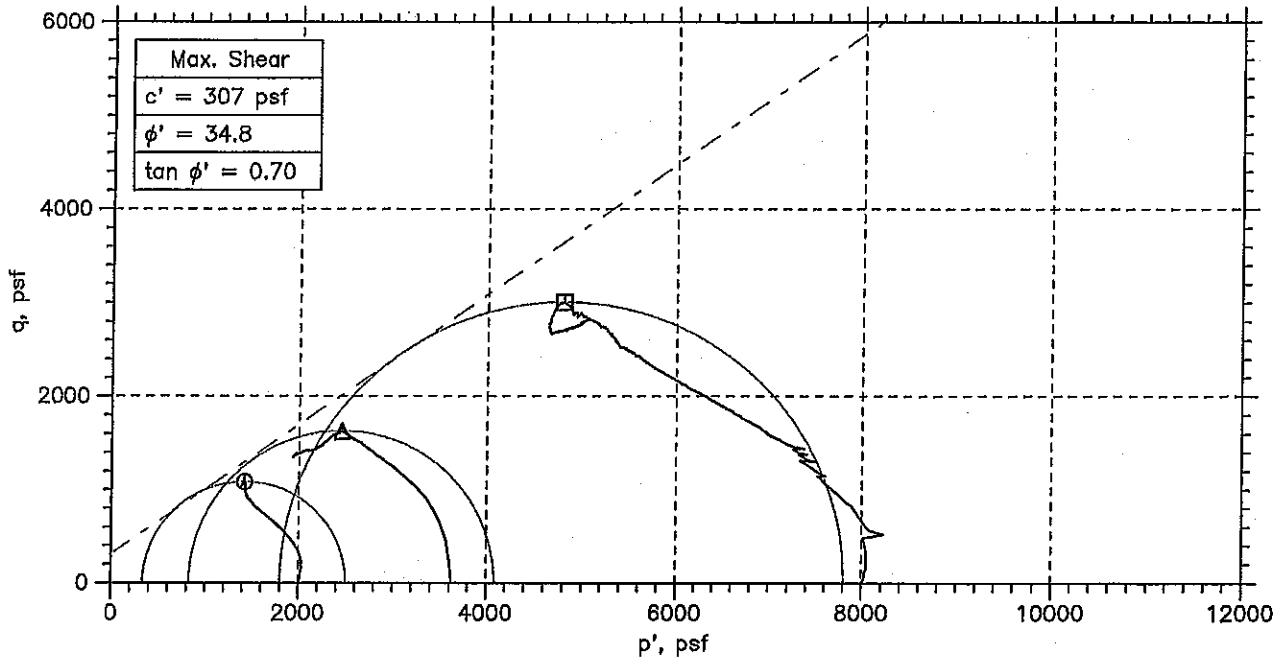
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-01
Sample Type: tube
Description: Moist, gray gravelly silt
Remarks: System F

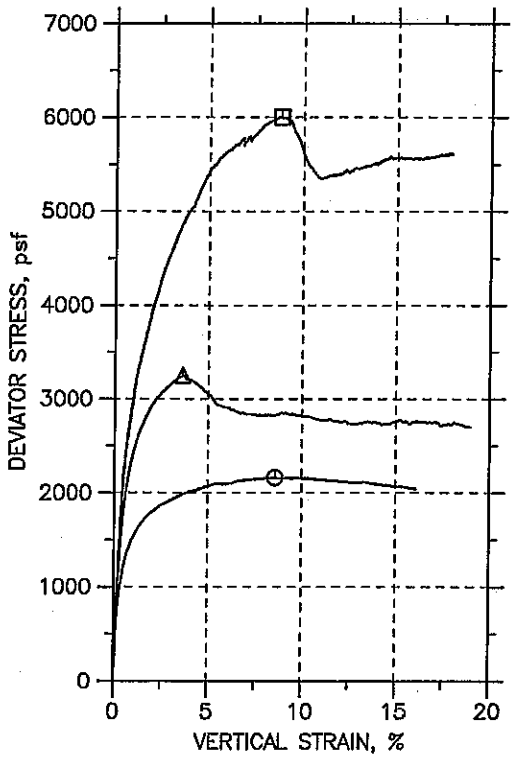


Wed, 23-MAY-2007 14:28:38

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0297-14	0297-14	0297-14	
Test No.		CU-15-1	CU-15-2	CU-15-3	
Depth		30-32 ft.	30-32 ft	30-32 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6	5.9	6.05	
	Water Content, %	278.7	334.4	334.4	
	Dry Density, pcf	19.51	16.54	16.45	
	Saturation, %	98.5	98.3	97.6	
	Void Ratio	7.64	9.19	9.25	
Before Shear	Water Content, %	219.4	276.5	201.3	
	Dry Density, pcf	24.35	19.91	26.2	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	5.92	7.47	5.43	
	Back Press., psf	8784	10510	7054	
Ver. Eff. Cons. Stress, psf		2001	4000	7999	
Shear Strength, psf		1082	1627	3003	
Strain at Failure, %		8.58	3.62	8.81	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	0.95	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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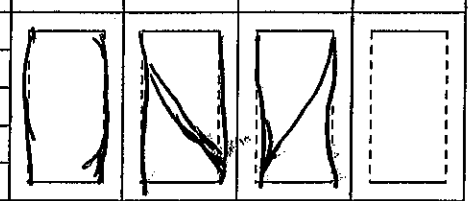
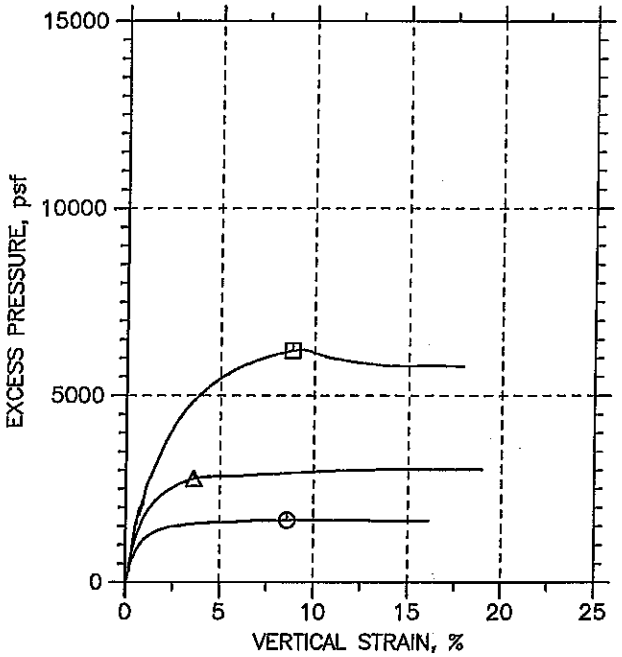
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-03
Sample Type: tube
Description: Moist, gray silt
Remarks: System D

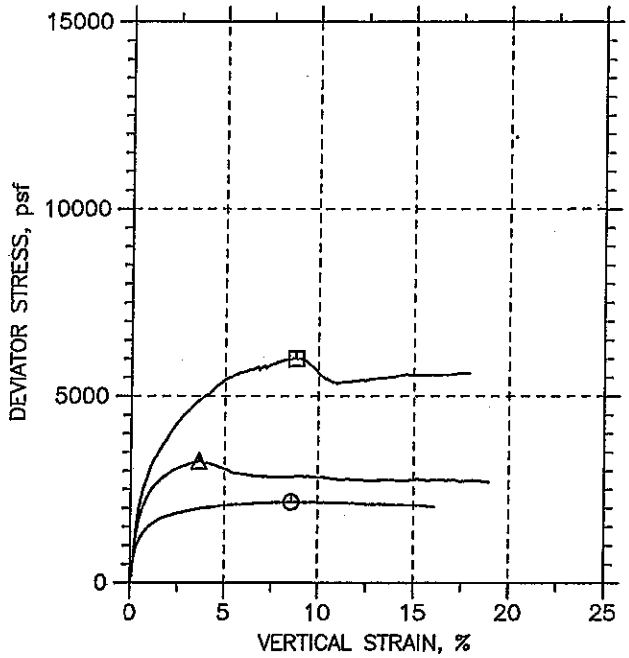


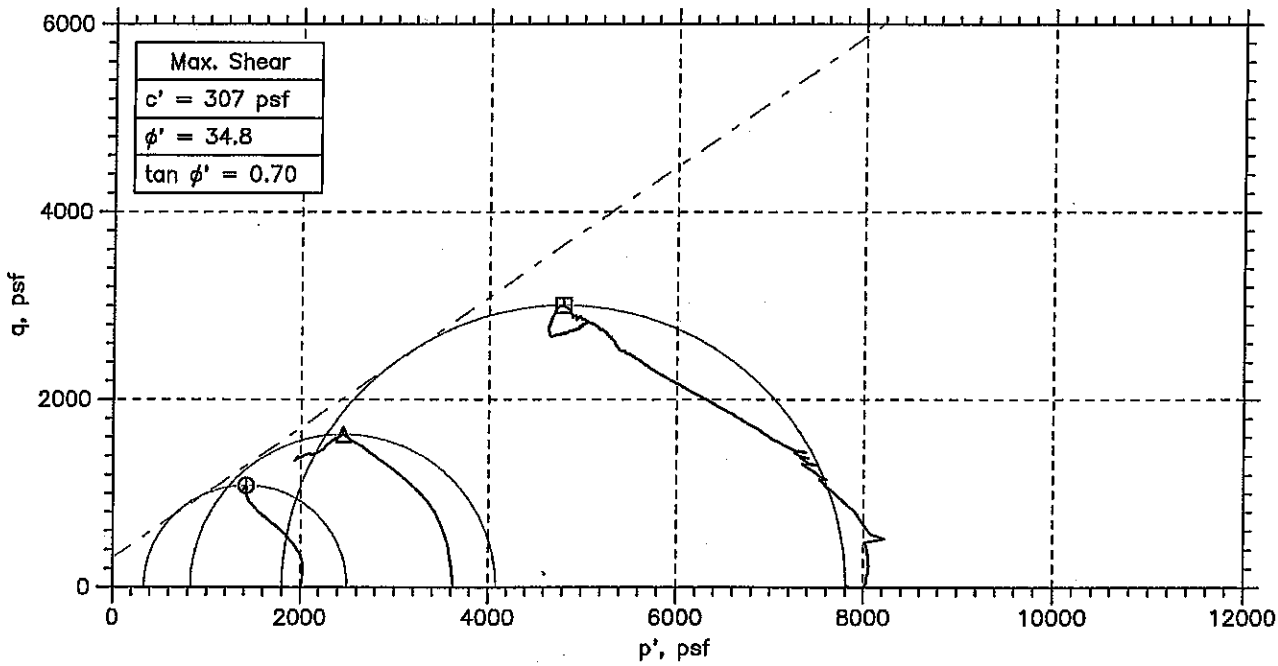
Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

Thu, 24-MAY-2007 09:52:22

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0297-14	CU-15-1	30-32 ft.	md	05/20/07	jdt		7143-CU-15-1n.dat
△	0297-14	CU-15-2	30-32 ft	njh	05/19/07	jdt		7143-CU-15-2n.dat
⊡	0297-14	CU-15-3	30-32 ft	njh	05/19/07	jdt		7143-CU-15-3n.dat

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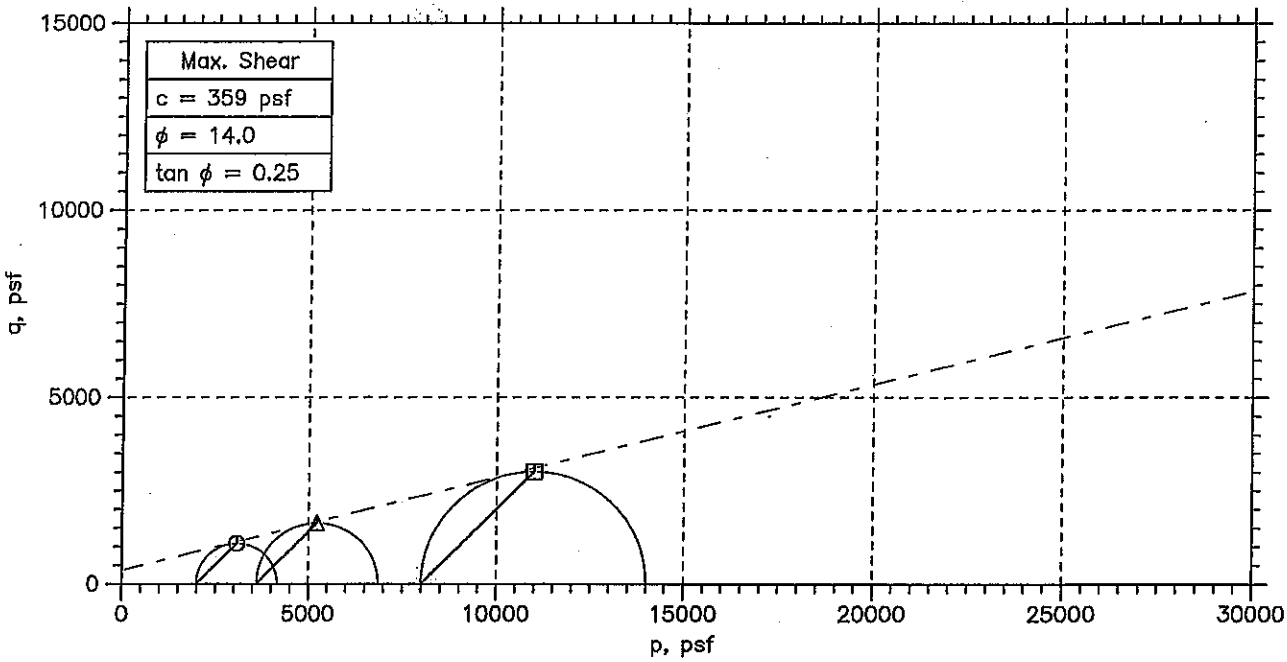
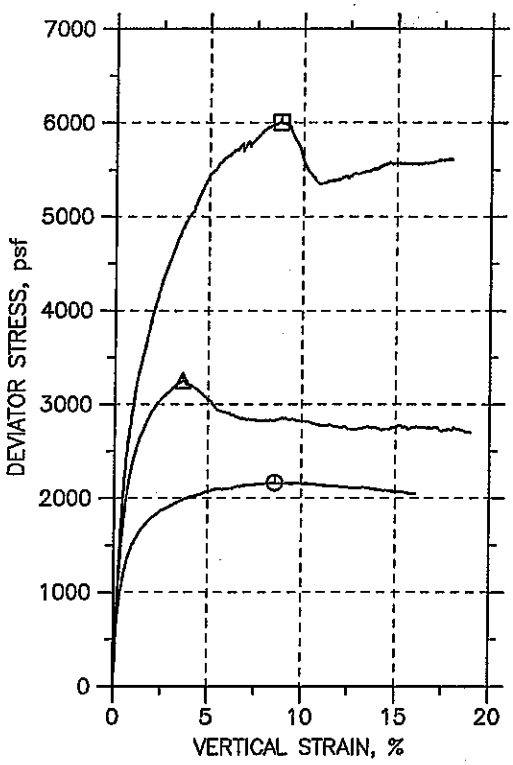
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-03	Sample Type: tube	
Description: Moist, gray silt		
Remarks: System D		

Thu, 24-MAY-2007 09:52:33

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0297-14	0297-14	0297-14	
Test No.		CU-15-1	CU-15-2	CU-15-3	
Depth		30-32 ft.	30-32 ft	30-32 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6	5.9	6.05	
	Water Content, %	278.7	334.4	334.4	
	Dry Density, pcf	19.51	16.54	16.45	
	Saturation, %	98.5	98.3	97.6	
	Void Ratio	7.64	9.19	9.25	
Before Shear	Water Content, %	219.4	276.5	201.3	
	Dry Density, pcf	24.35	19.91	26.2	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	5.92	7.47	5.43	
	Back Press., psf	8784	10510	7054	
Ver. Eff. Cons. Stress, psf		2001	4000	7999	
Shear Strength, psf		1082	1627	3003	
Strain at Failure, %		8.58	3.62	8.81	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	0.95	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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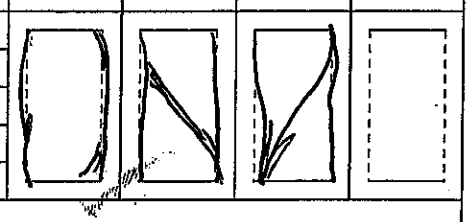
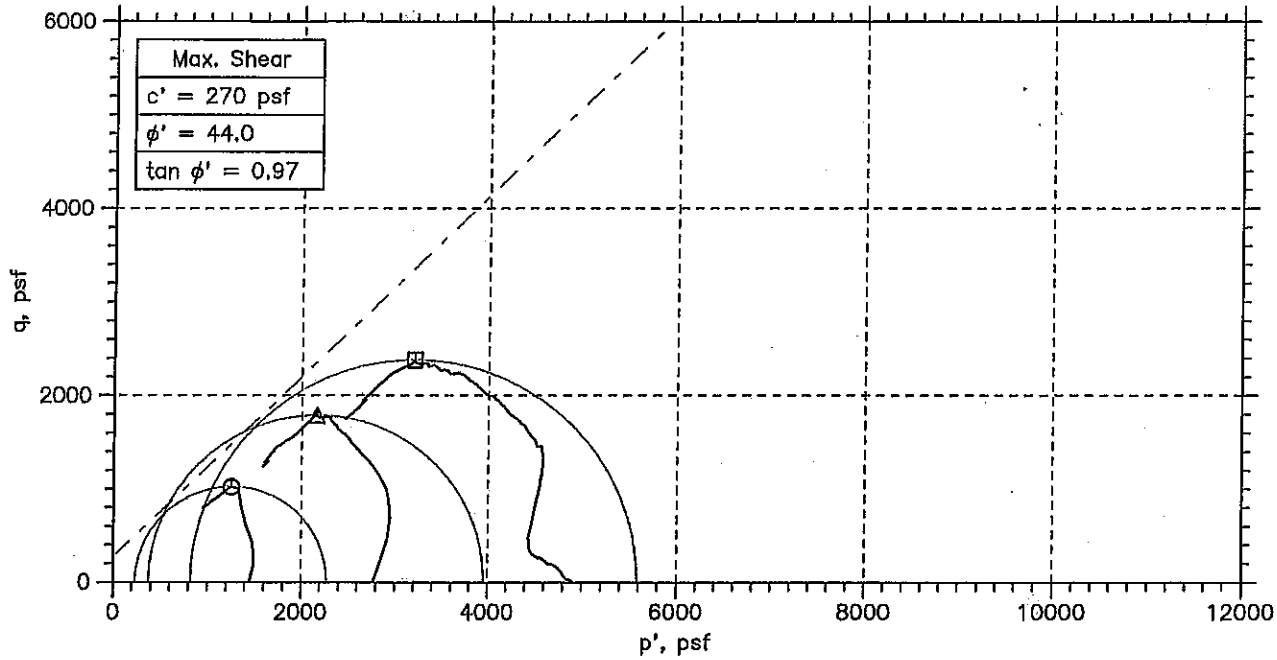
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-03
Sample Type: tube
Description: Moist, gray silt
Remarks: System D

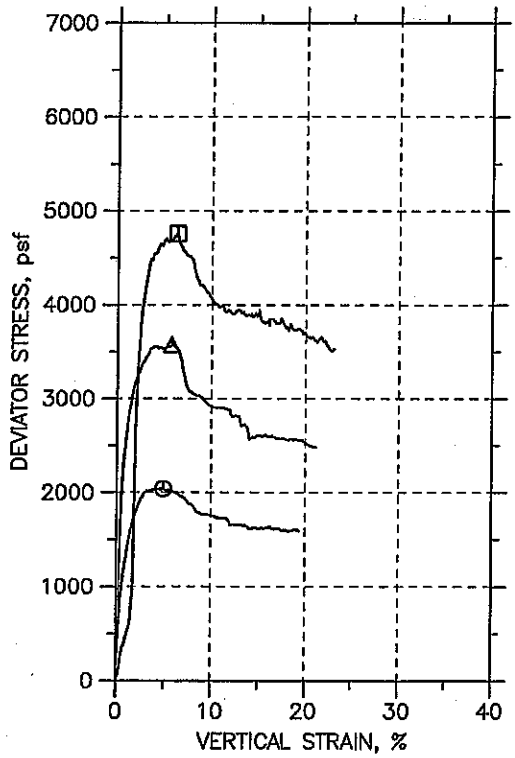


Thu, 24-MAY-2007 09:53:01

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△	⊡	
Sample No.		0297-19	0297-19	0297-19	
Test No.		CU-14-1	CU-14-2	CU-14-3	
Depth		17-19 ft	17-19 ft	17-19 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	5.88	5.8	6.01	
	Water Content, %	320.6	348.3	371.8	
	Dry Density, pcf	16.12	15.44	14.7	
	Saturation, %	91.5	94.9	95.9	
	Void Ratio	9.46	9.91	10.5	
Before Shear	Water Content, %	367.1	286.2	258.3	
	Dry Density, pcf	15.45	19.31	21.14	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	9.91	7.73	6.97	
	Back Press., psf	6625	7920	10090	
Ver. Eff. Cons. Stress, psf		1499	2999	6000	
Shear Strength, psf		1021	1788	2380	
Strain at Failure, %		4.95	5.73	6.29	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	---	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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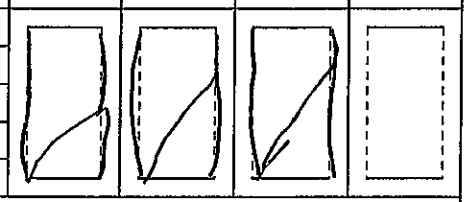
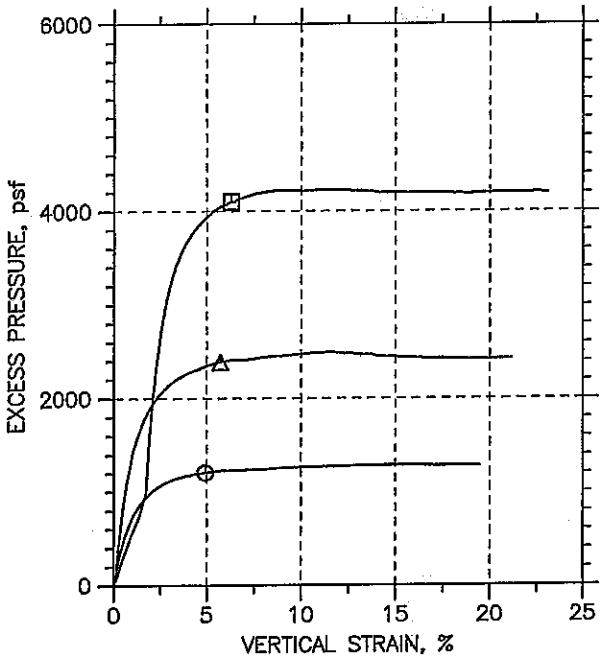
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-04A
Sample Type: tube
Description: Moist, light and dark gray silt
Remarks: System D

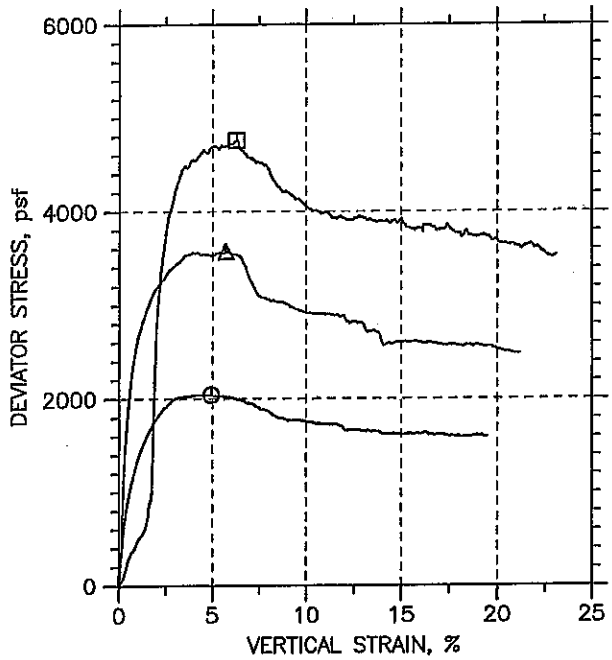


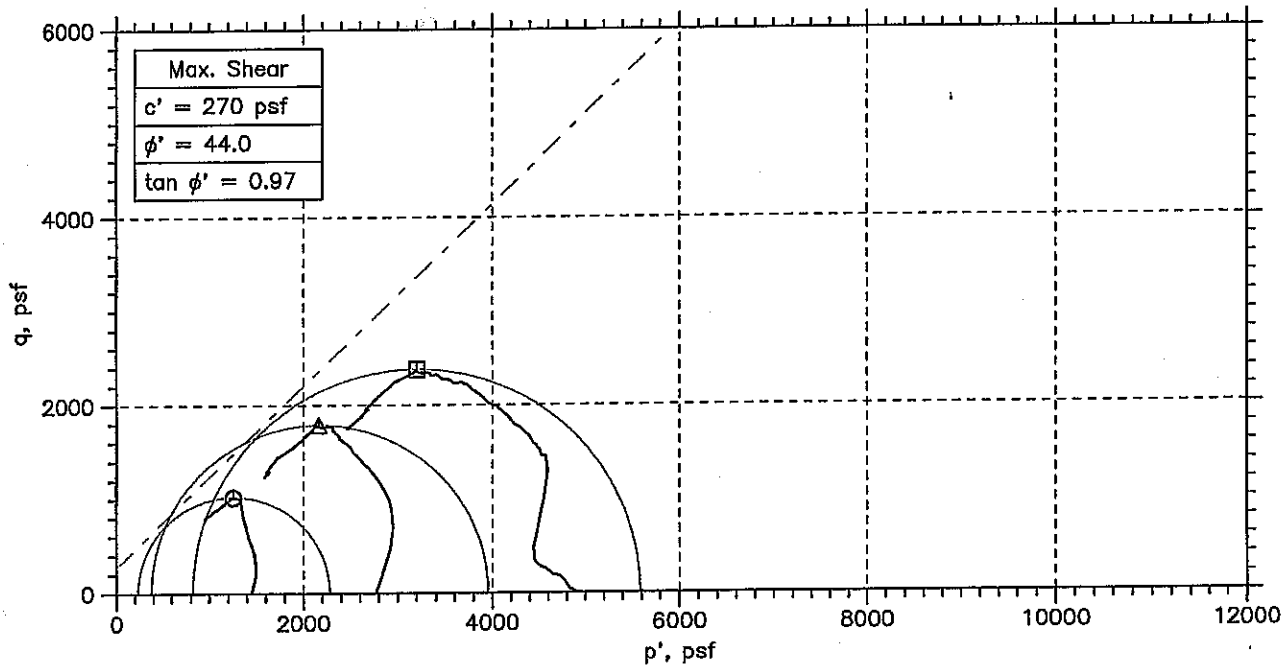
Wed, 23-MAY-2007 15:19:55

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0297-19	CU-14-1	17-19 ft	md	05/17/07	jdt		7143-CU-14-1n.dat
△	0297-19	CU-14-2	17-19 ft	md	05/15/07	jdt		7143-CU-14-2n.dat
⊡	0297-19	CU-14-3	17-19 ft	md	05/15/07	jdt		7143-CU-14-3an.dat

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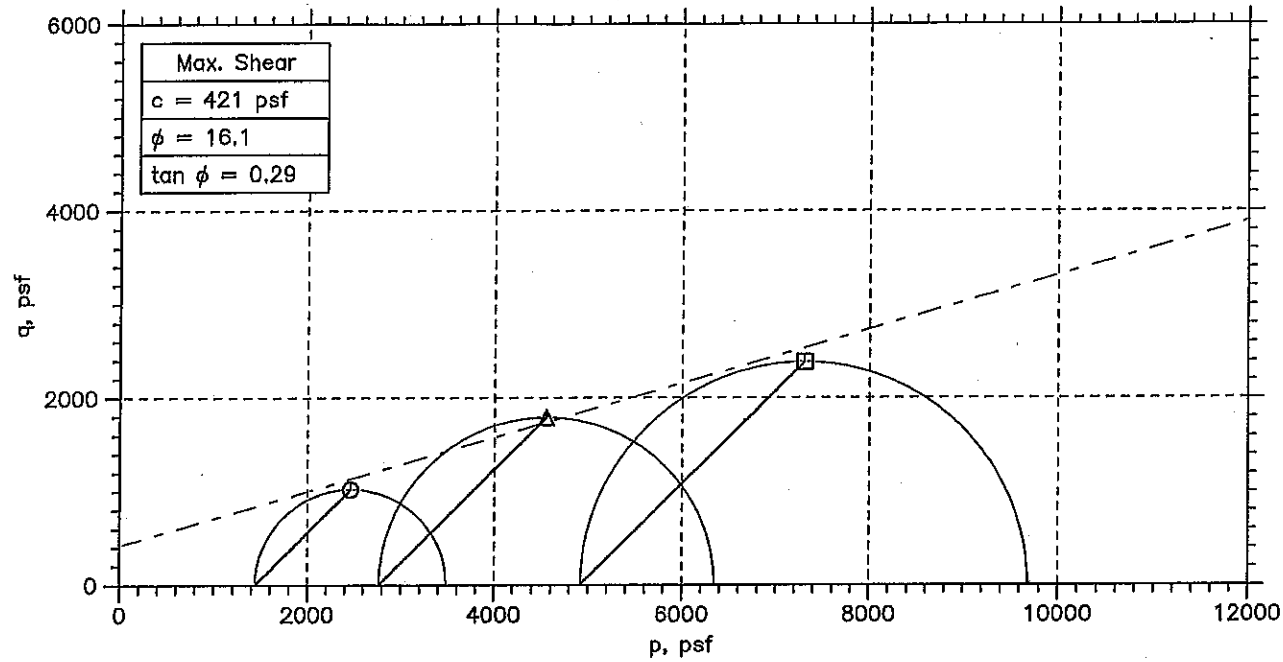
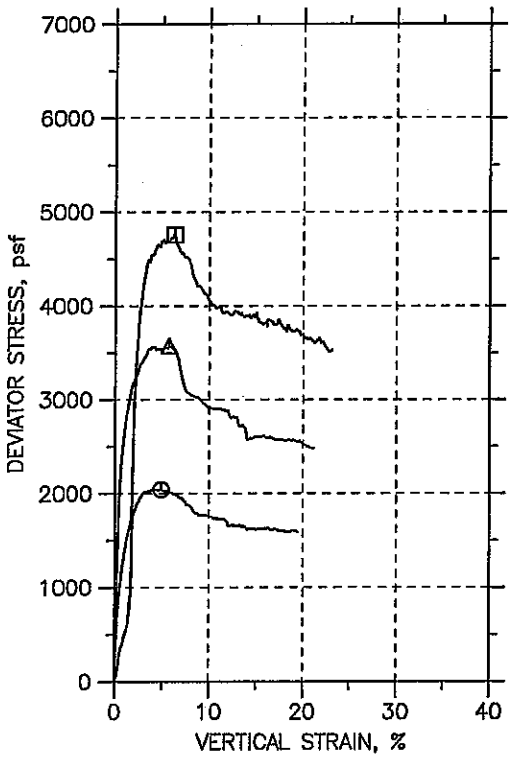
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-04A	Sample Type: tube	
Description: Moist, light and dark gray silt		
Remarks: System D		

Wed, 23-MAY-2007 15:20:03

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△	⊡	
Sample No.		0297-19	0297-19	0297-19	
Test No.		CU-14-1	CU-14-2	CU-14-3	
Depth		17-19 ft	17-19 ft	17-19 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	5.88	5.8	6.01	
	Water Content, %	320.6	348.3	371.8	
	Dry Density, pcf	16.12	15.44	14.7	
	Saturation, %	91.5	94.9	95.9	
	Void Ratio	9.46	9.91	10.5	
Before Shear	Water Content, %	367.1	286.2	258.3	
	Dry Density, pcf	15.45	19.31	21.14	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	9.91	7.73	6.97	
	Back Press., psf	6625	7920	10090	
Ver. Eff. Cons. Stress, psf		1499	2999	6000	
Shear Strength, psf		1021	1788	2380	
Strain at Failure, %		4.95	5.73	6.29	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	---	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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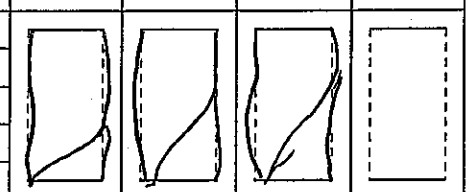
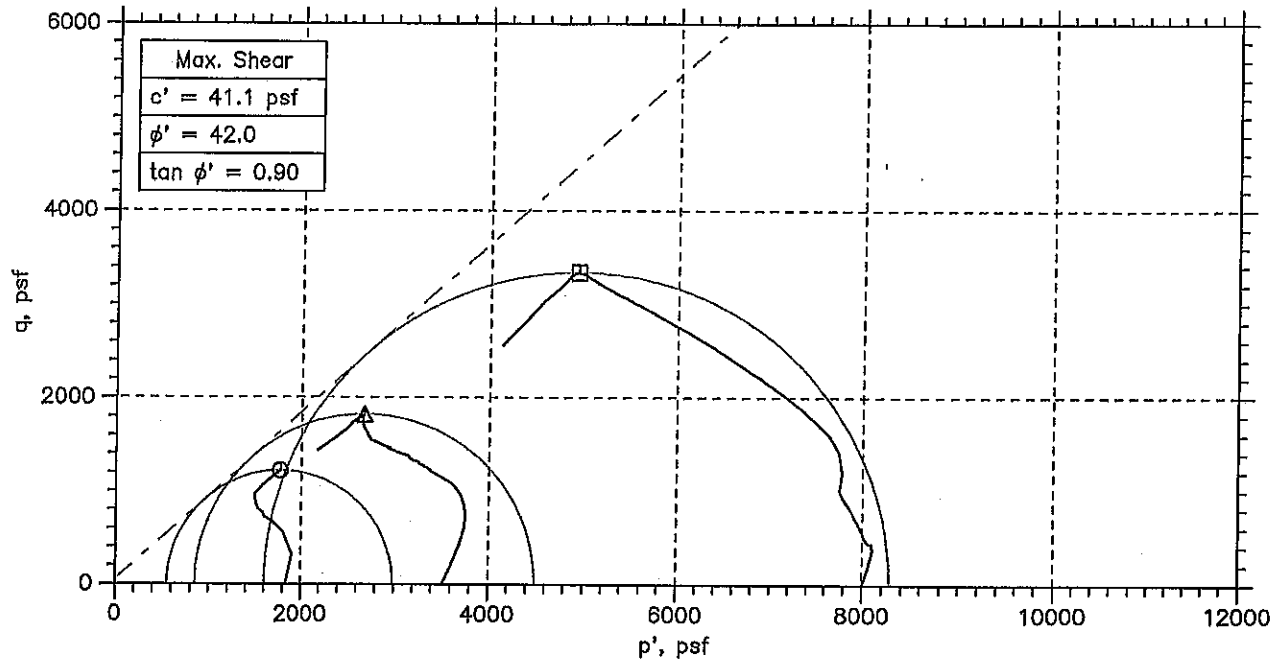
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-04A
Sample Type: tube
Description: Moist, light and dark gray silt
Remarks: System D

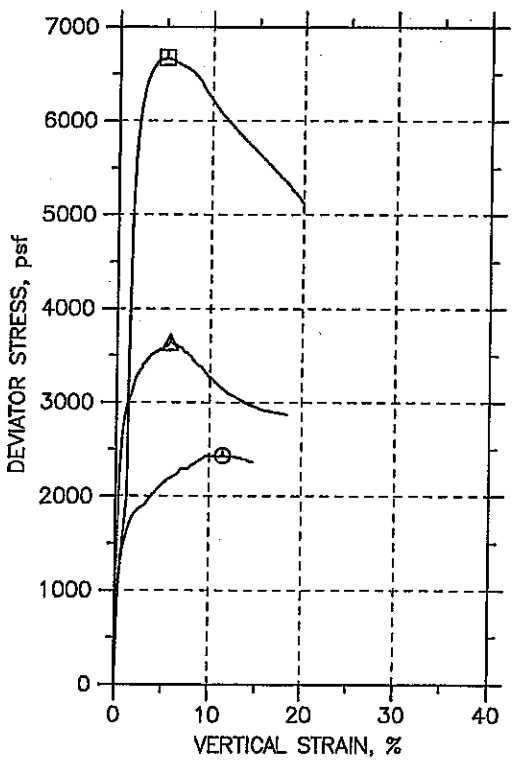


Wed, 23-MAY-2007 15:20:17

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0298-01	0298-01	0298-01	
Test No.		CU-12-1	CU-12-2	CU-12-3	
Depth		44-46 ft	44-46 ft	44-46 ft	
Initial	Diameter, in	2.87	2.87	2.86	
	Height, in	5.79	5.8	6.02	
	Water Content, %	216.1	227.2	160.7	
	Dry Density, pcf	23.36	22.71	31.1	
	Saturation, %	93.9	95.5	98.2	
	Void Ratio	6.22	6.42	4.42	
Before Shear	Water Content, %	157.7	174.2	144.0	
	Dry Density, pcf	32.06	29.55	34.49	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	4.26	4.7	3.89	
	Back Press., psf	4032	4031	13540	
Ver. Eff. Cons. Stress, psf		2000	4000	7999	
Shear Strength, psf		1217	1821	3338	
Strain at Failure, %		11.4	5.72	5.07	
Strain Rate, %/min		0.02	0.02	0.02	
B-Value		0.98	1.03	0.95	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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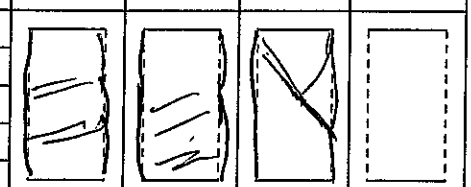
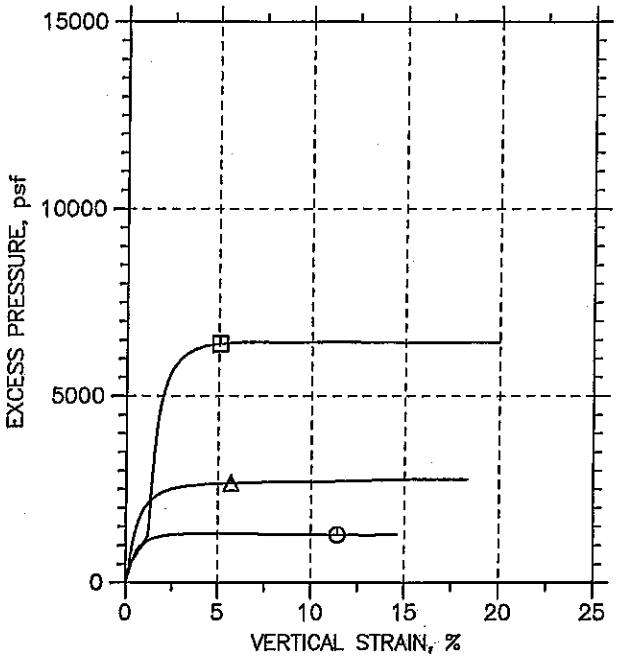
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-04A
Sample Type: tube
Description: Moist, gray silt
Remarks: System S

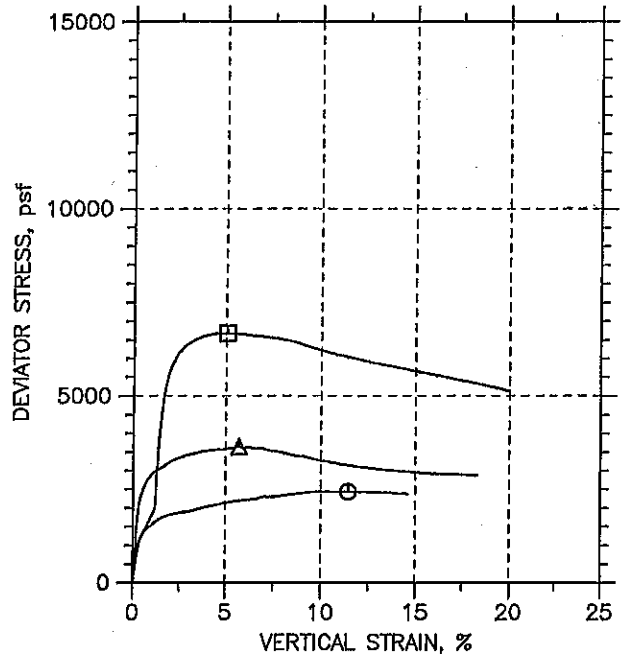


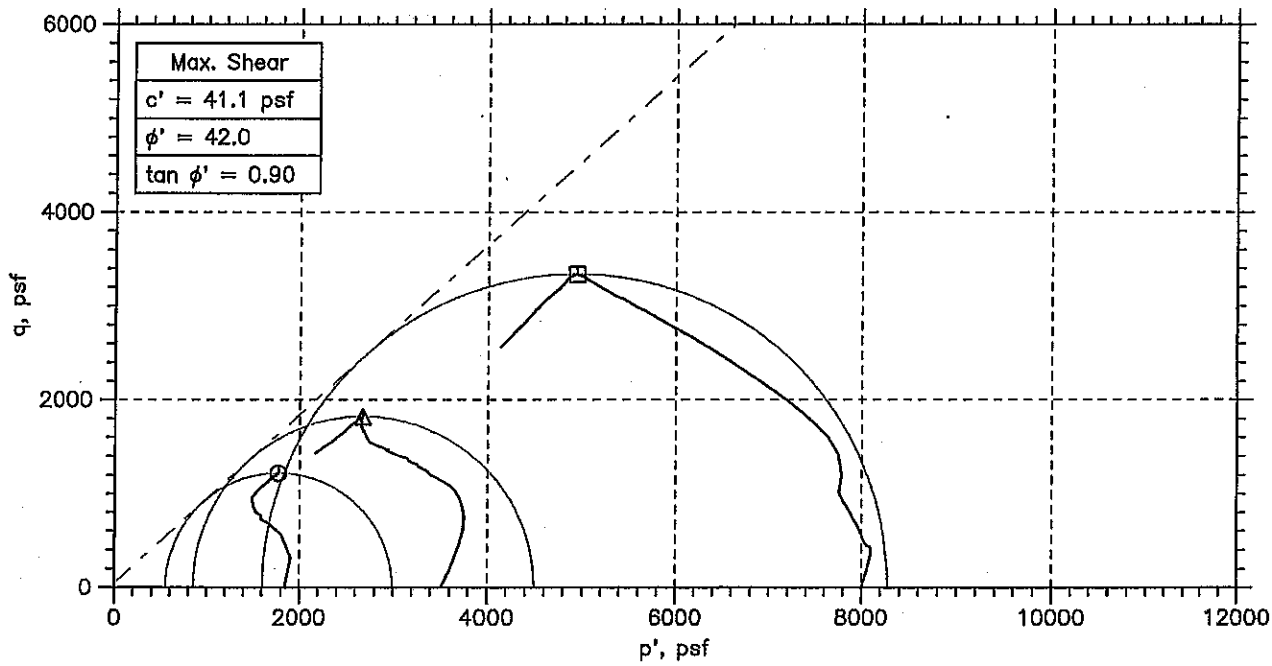
Mon, 21-MAY-2007 15:28:58

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0298-01	CU-12-1	44-46 ft	md	05/13/07	jdt		7143-CU-12-1n.dat
△	0298-01	CU-12-2	44-46 ft	md	05/13/07	jdt		7143-CU-12-2n.dat
⊡	0298-01	CU-12-3	44-46 ft	md	05/13/07	jdt		7143-CU-12-3n.dat

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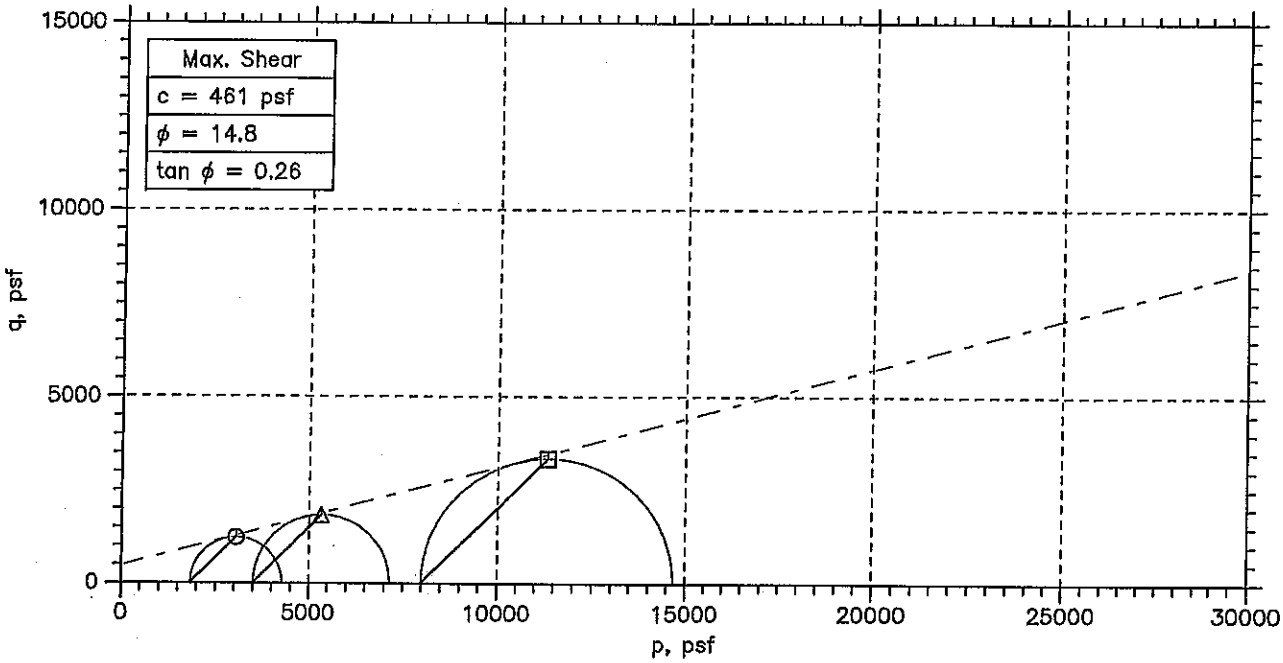
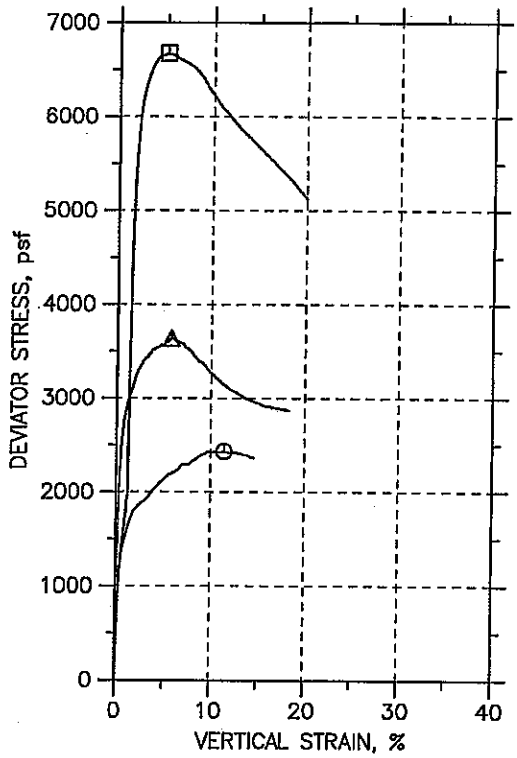
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-04A	Sample Type: tube	
Description: Moist, gray silt		
Remarks: System S		

Mon, 21-MAY-2007 15:29:07

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△	⊡	
Sample No.		0298-01	0298-01	0298-01	
Test No.		CU-12-1	CU-12-2	CU-12-3	
Depth		44-46 ft	44-46 ft	44-46 ft	
Initial	Diameter, in	2.87	2.87	2.86	
	Height, in	5.79	5.8	6.02	
	Water Content, %	216.1	227.2	160.7	
	Dry Density, pcf	23.36	22.71	31.1	
	Saturation, %	93.9	95.5	98.2	
	Void Ratio	6.22	6.42	4.42	
Before Shear	Water Content, %	157.7	174.2	144.0	
	Dry Density, pcf	32.06	29.55	34.49	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	4.26	4.7	3.89	
	Back Press., psf	4032	4031	13540	
Ver. Eff. Cons. Stress, psf		2000	4000	7999	
Shear Strength, psf		1217	1821	3338	
Strain at Failure, %		11.4	5.72	5.07	
Strain Rate, %/min		0.02	0.02	0.02	
B-Value		0.98	1.03	0.95	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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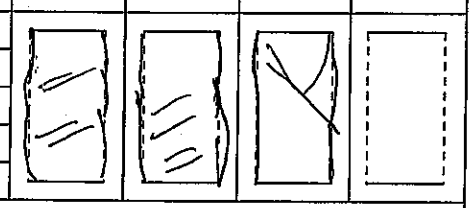
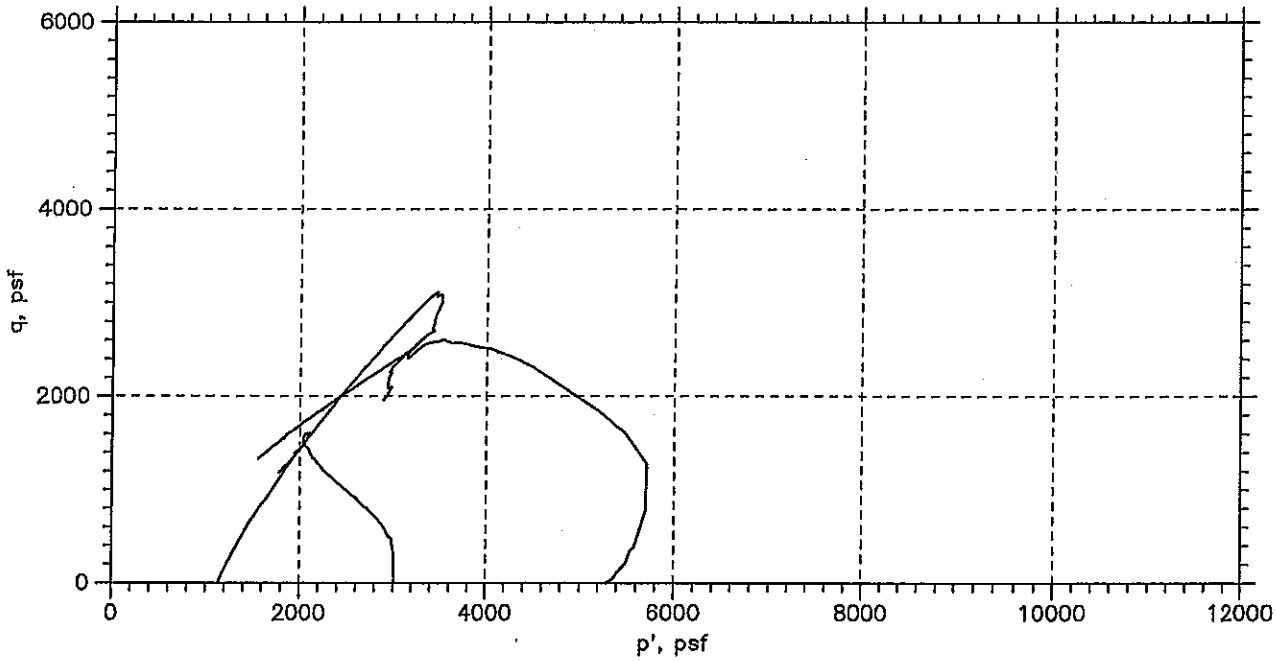
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-04A
Sample Type: tube
Description: Moist, gray silt
Remarks: System S

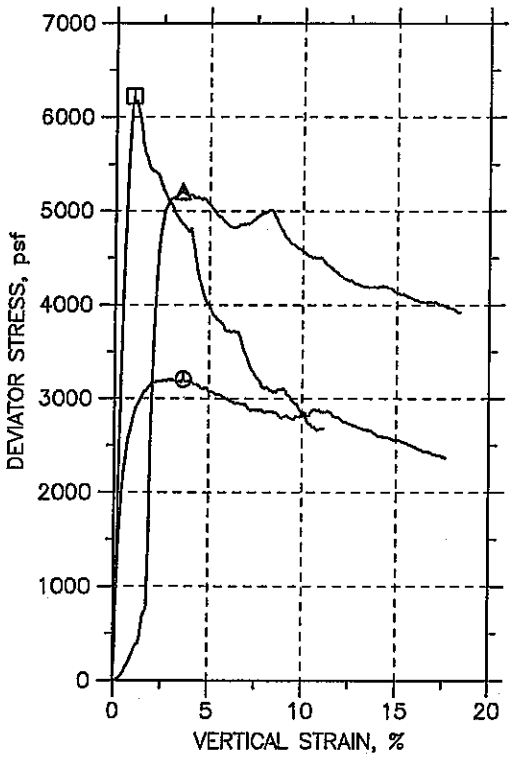


Mon, 21-MAY-2007 15:29:35

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0298-03	0298-03	0298-03	
Test No.		CU-4-1	CU4-2	CU4-3	
Depth		72-74 ft	72-74 ft	72-74 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6	6.1	6.1	
	Water Content, %	183.1	168.4	173.3	
	Dry Density, pcf	28.36	27.73	26.6	
	Saturation, %	100.0	89.5	87.7	
	Void Ratio	4.94	5.08	5.34	
Before Shear	Water Content, %	171.5	210.3	171.0	
	Dry Density, pcf	29.94	25.24	30.01	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	4.63	5.68	4.62	
	Back Press., psf	11810	9647	12680	
Ver. Eff. Cons. Stress, psf		3000	6000	11990	
Shear Strength, psf		1604	2604	3111	
Strain at Failure, %		3.63	3.56	0.929	
Strain Rate, %/min		0.009	0.009	0.009	
B-Value		0.95	0.95	---	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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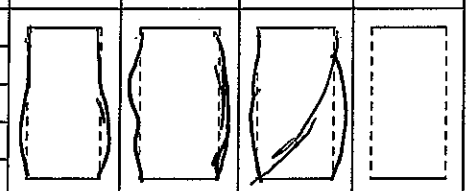
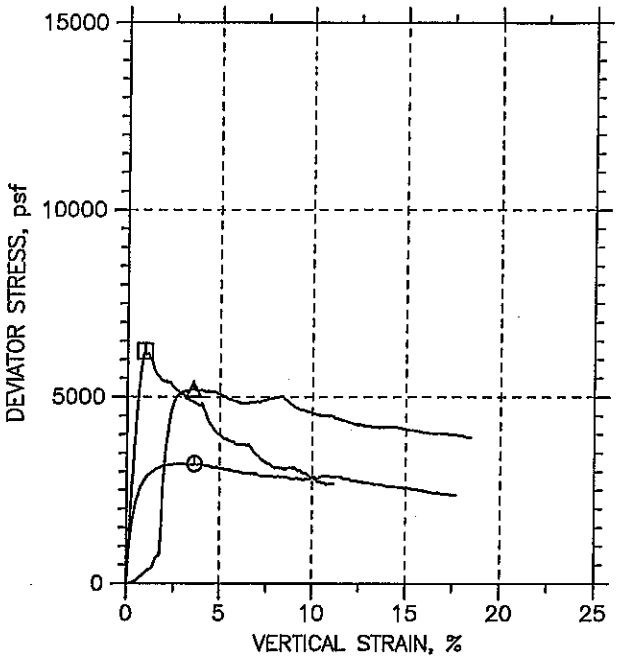
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-04A
Sample Type: tube
Description: Moist, light gray silt
Remarks: System B

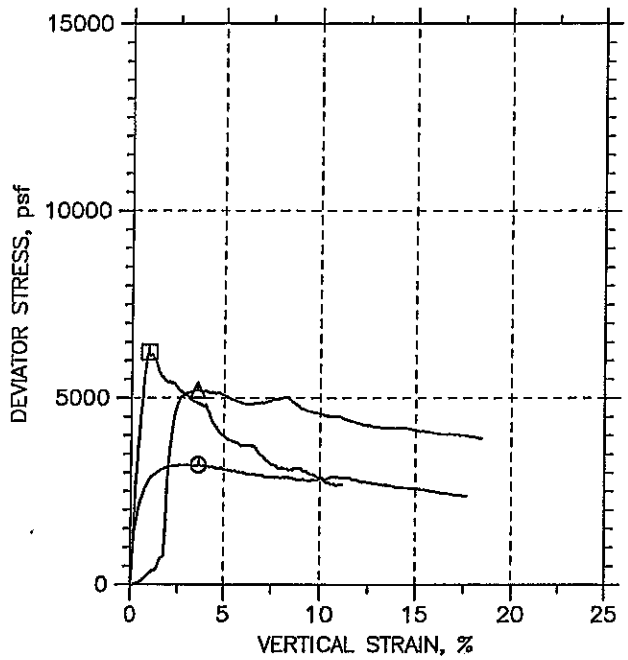


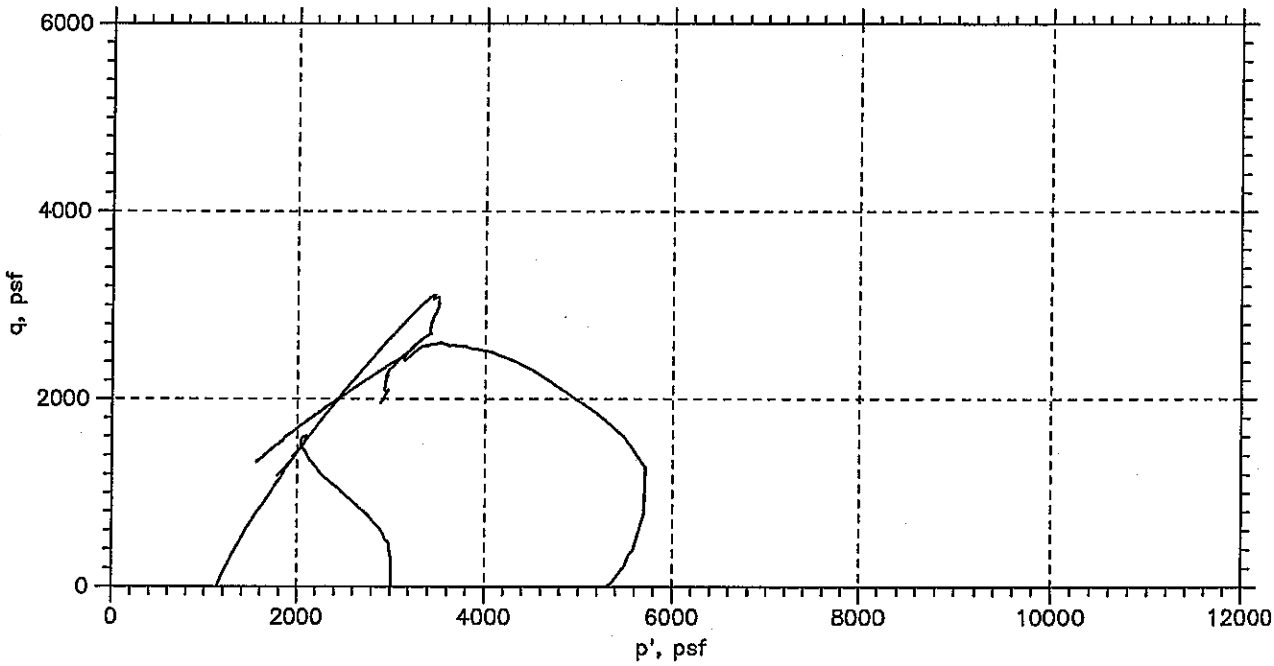
Thu, 10-MAY-2007 10:30:25

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0298-03	CU-4-1	72-74 ft	njh	03/22/07	jdt		7143-CU-4-1n.dat
△	0298-03	CU4-2	72-74 ft	njh	03/22/07	jdt		7143-CU-4-2n.dat
⊡	0298-03	CU4-3	72-74 ft	njh	03/22/07	jdt		7143-CU-4-3bn.dat

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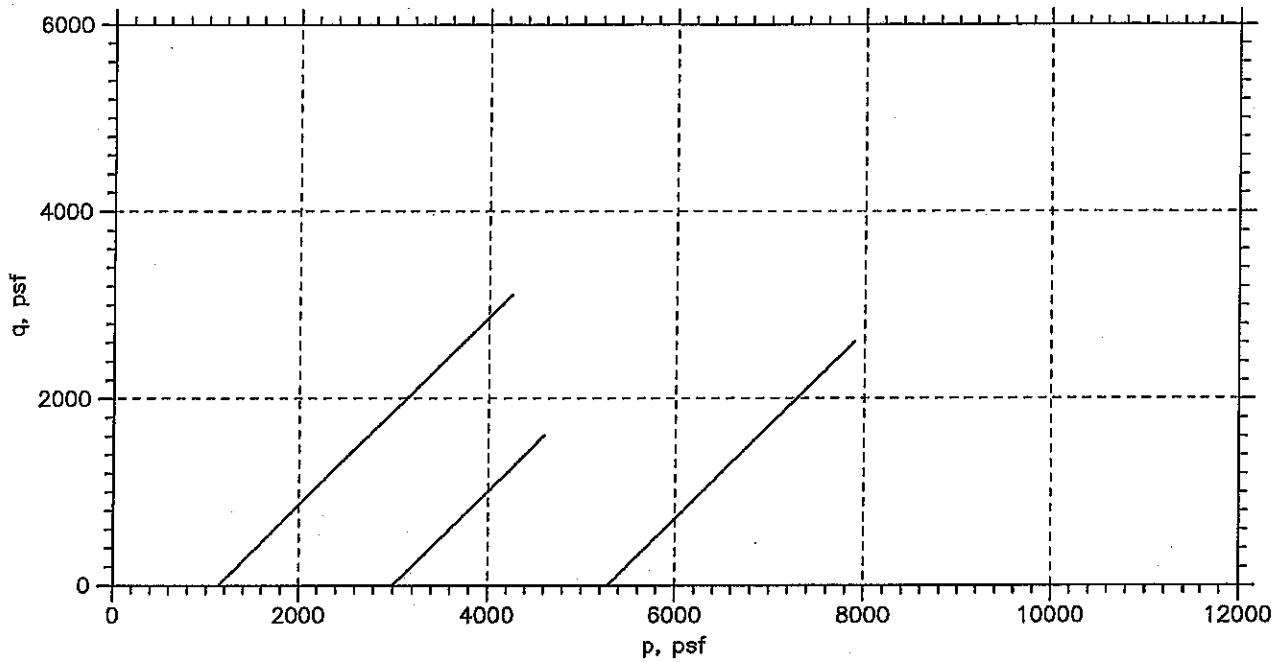
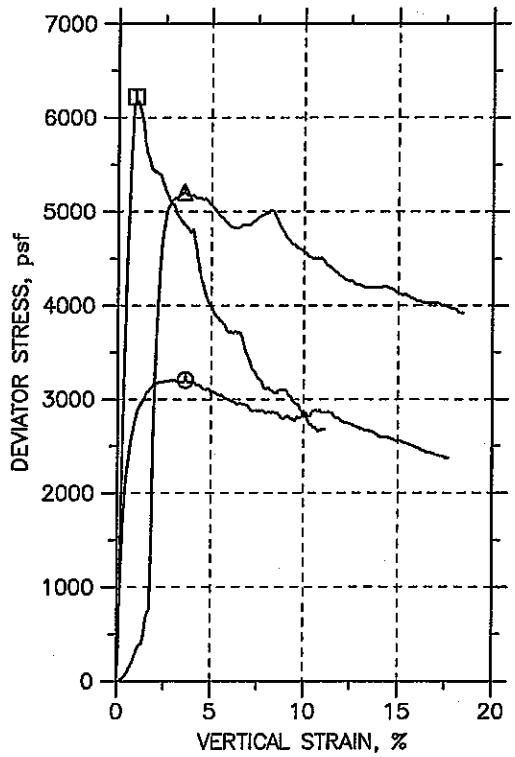
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-04A	Sample Type: tube	
Description: Moist, light gray silt		
Remarks: System B		

Thu, 10-MAY-2007 10:30:34

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0298-03	0298-03	0298-03	
Test No.		CU-4-1	CU4-2	CU4-3	
Depth		72-74 ft	72-74 ft	72-74 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6	6.1	6.1	
	Water Content, %	183.1	168.4	173.3	
	Dry Density, pcf	28.36	27.73	26.6	
	Saturation, %	100.0	89.5	87.7	
	Void Ratio	4.94	5.08	5.34	
Before Shear	Water Content, %	171.5	210.3	171.0	
	Dry Density, pcf	29.94	25.24	30.01	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	4.63	5.68	4.62	
	Back Press., psf	11810	9647	12680	
Ver. Eff. Cons. Stress, psf		3000	6000	11990	
Shear Strength, psf		1604	2604	3111	
Strain at Failure, %		3.63	3.56	0.929	
Strain Rate, %/min		0.009	0.009	0.009	
B-Value		0.95	0.95	---	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

GeoTesting express
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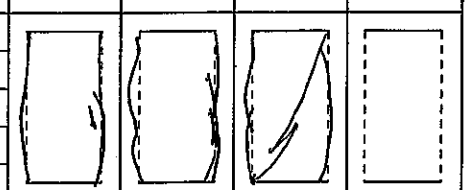
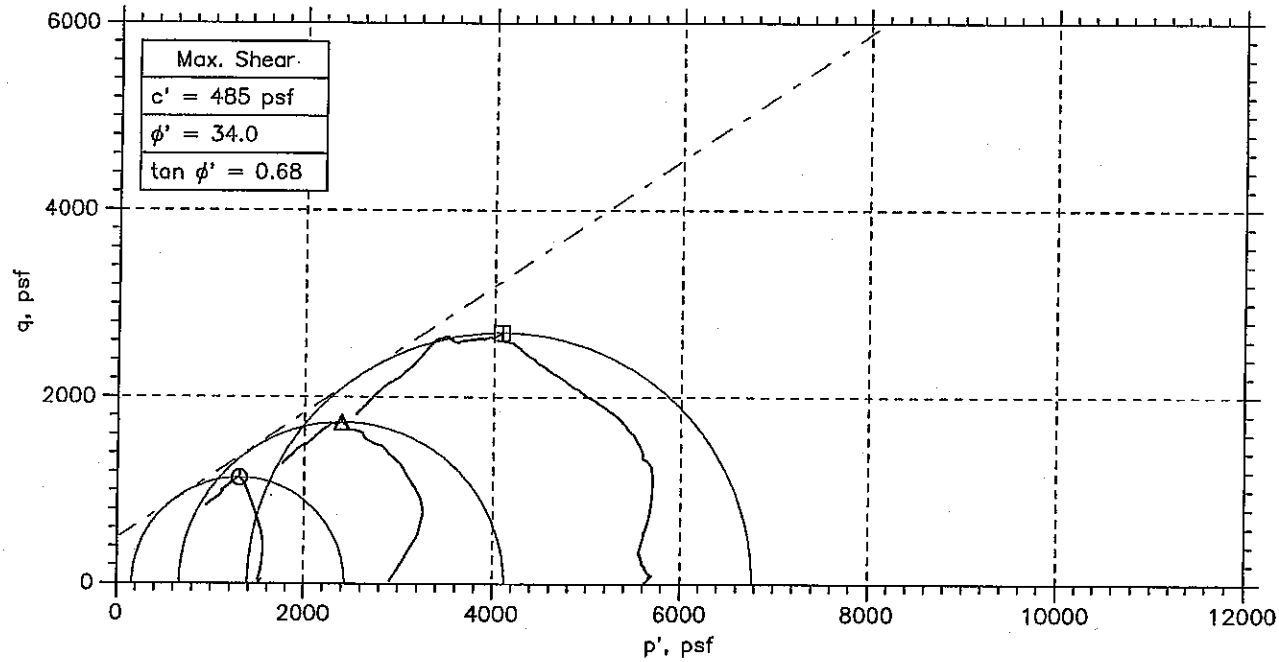
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-04A
Sample Type: tube
Description: Moist, light gray silt
Remarks: System B

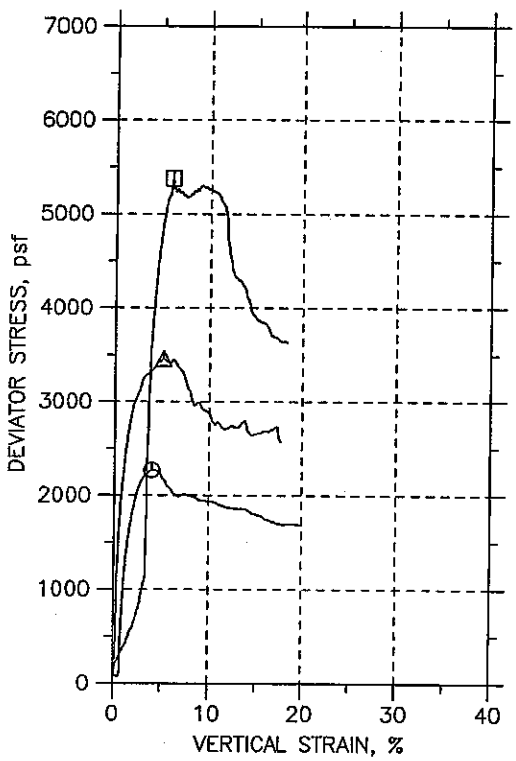


Mon, 21-MAY-2007 18:39:36

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0298-05	0298-05	0298-05	
Test No.		CU-2-1	CU-2-2	CU-2-3	
Depth		17-19 ft	17-19 ft	17-19 ft.	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6	6	6.12	
	Water Content, %	255.7	454.8	407.8	
	Dry Density, pcf	19.42	12.52	13.8	
	Saturation, %	89.9	98.6	98.1	
	Void Ratio	7.68	12.5	11.2	
Before Shear	Water Content, %	322.0	308.5	258.6	
	Dry Density, pcf	17.39	18.07	21.12	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	8.69	8.33	6.98	
	Back Press., psf	8351	9215	14830	
Ver. Eff. Cons. Stress, psf		1500	3000	5999	
Shear Strength, psf		1135	1730	2689	
Strain at Failure, %		3.99	5.13	5.96	
Strain Rate, %/min		0.016	0.016	0.016	
B-Value		0.95	0.96	0.95	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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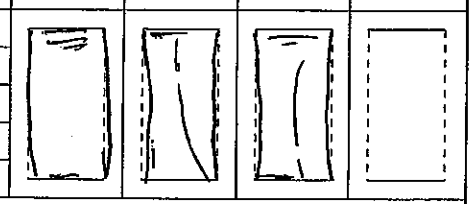
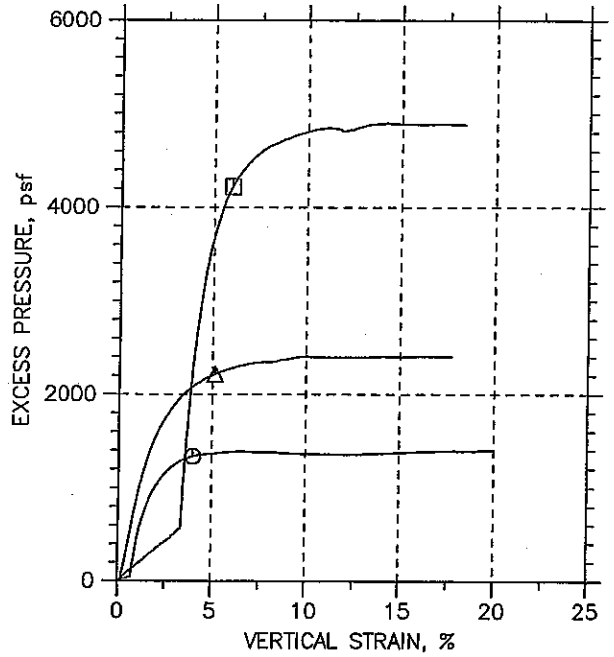
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-05
Sample Type: tube
Description: Moist, light gray silt
Remarks: System F

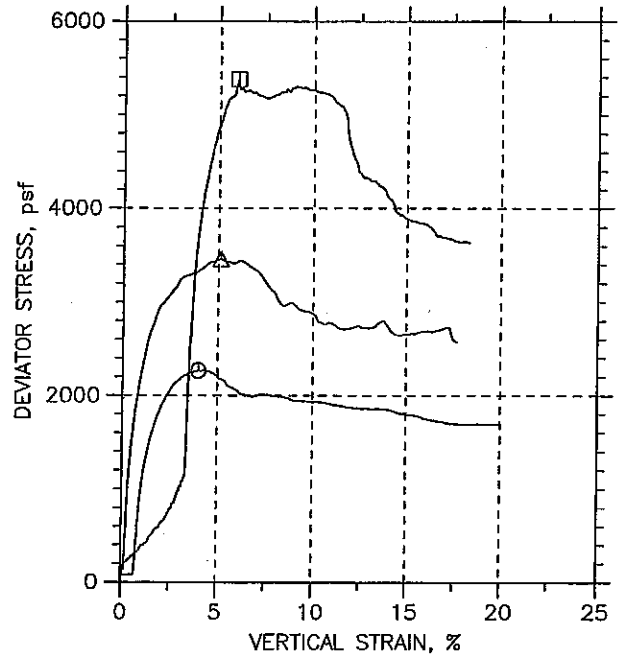


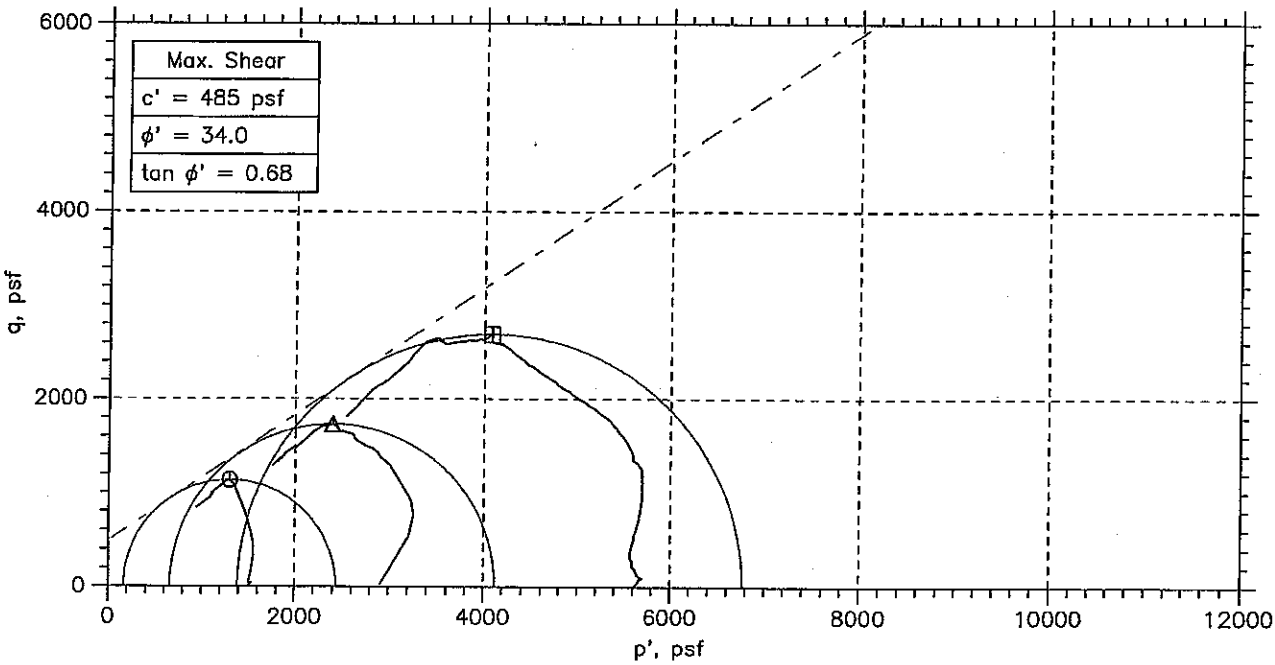
Wed, 07-MAR-2007 14:04:34

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0298-05	CU-2-1	17-19 ft	njh	01/29/07	jdt		7143-CU-2-1An.dat
△	0298-05	CU-2-2	17-19 ft	md	01/25/07	jdt		7143-CU-2-2an.dat
□	0298-05	CU-2-3	17-19 ft.	md	01/26/07	jdt		7143-CU-2-3n.dat

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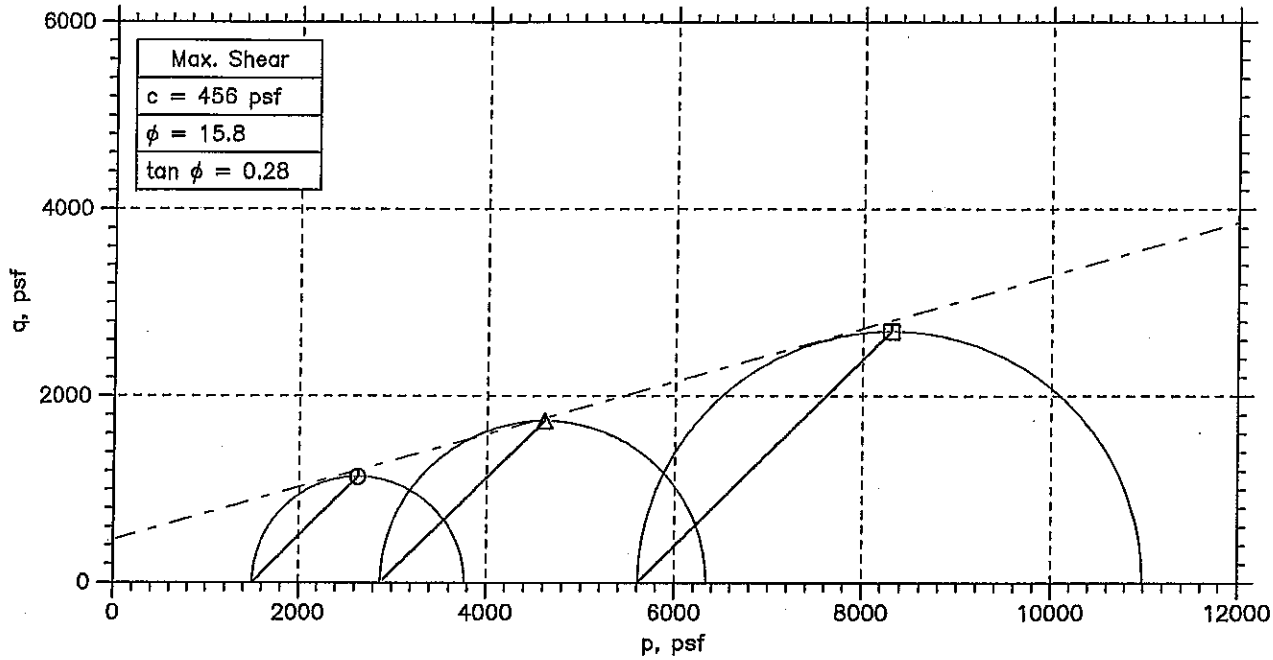
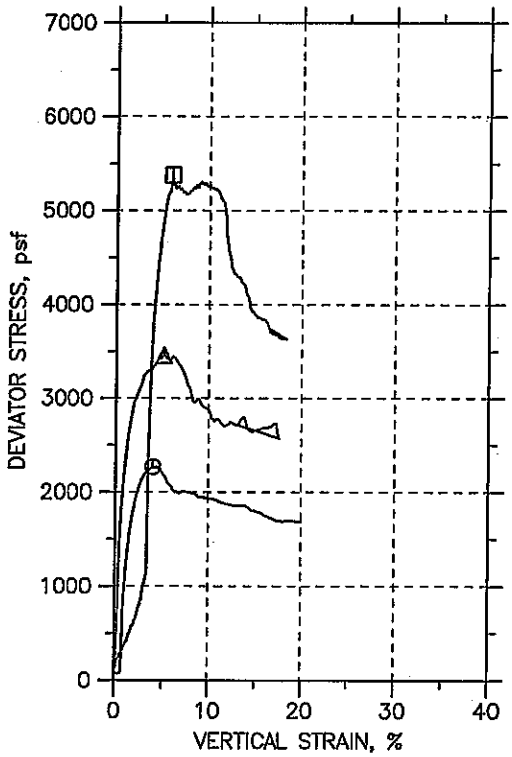
Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB13-05	Sample Type: tube	
Description: Moist, light gray silt		
Remarks: System F		

Wed, 07-MAR-2007 14:04:46

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0298-05	0298-05	0298-05	
Test No.		CU-2-1	CU-2-2	CU-2-3	
Depth		17-19 ft	17-19 ft	17-19 ft.	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6	6	6.12	
	Water Content, %	255.7	454.8	407.8	
	Dry Density, pcf	19.42	12.52	13.8	
	Saturation, %	89.9	98.6	98.1	
	Void Ratio	7.68	12.5	11.2	
Before Shear	Water Content, %	322.0	308.5	258.6	
	Dry Density, pcf	17.39	18.07	21.12	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	8.69	8.33	6.98	
	Back Press., psf	8351	9215	14830	
Ver. Eff. Cons. Stress, psf		1500	3000	5999	
Shear Strength, psf		1135	1730	2689	
Strain at Failure, %		3.99	5.13	5.96	
Strain Rate, %/min		0.016	0.016	0.016	
B-Value		0.95	0.96	0.95	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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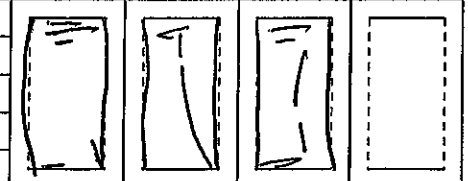
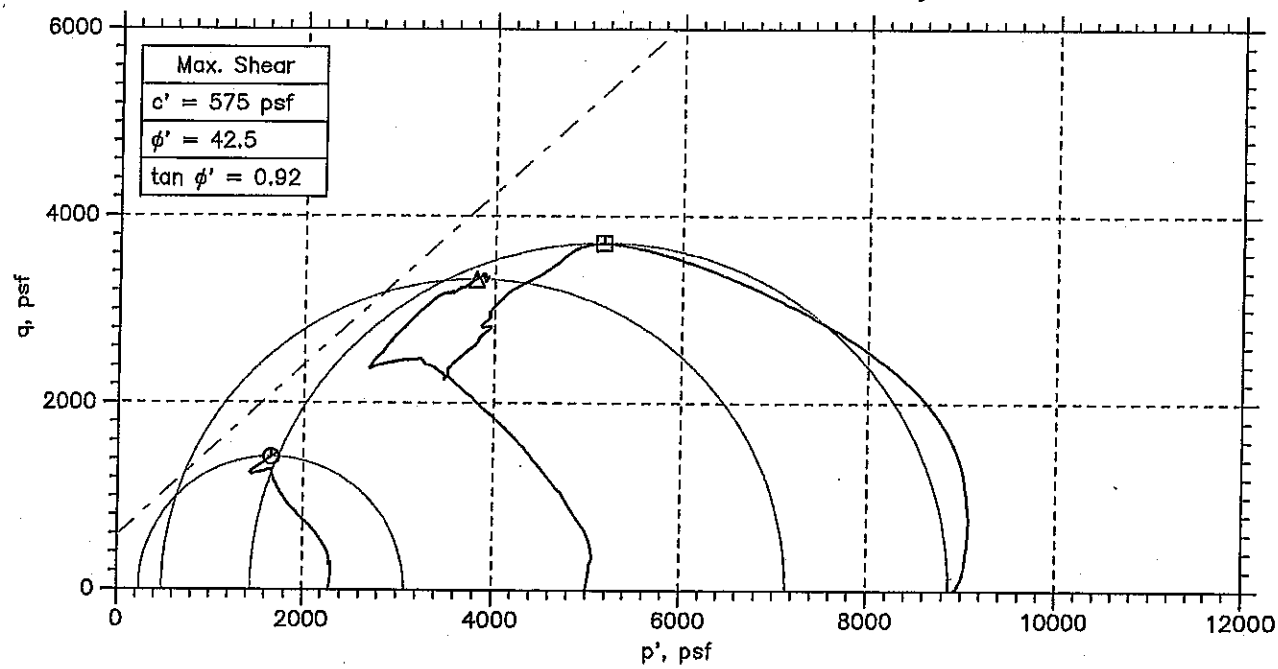
Project: Onandaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-05
Sample Type: tube
Description: Moist, light gray silt
Remarks: System F

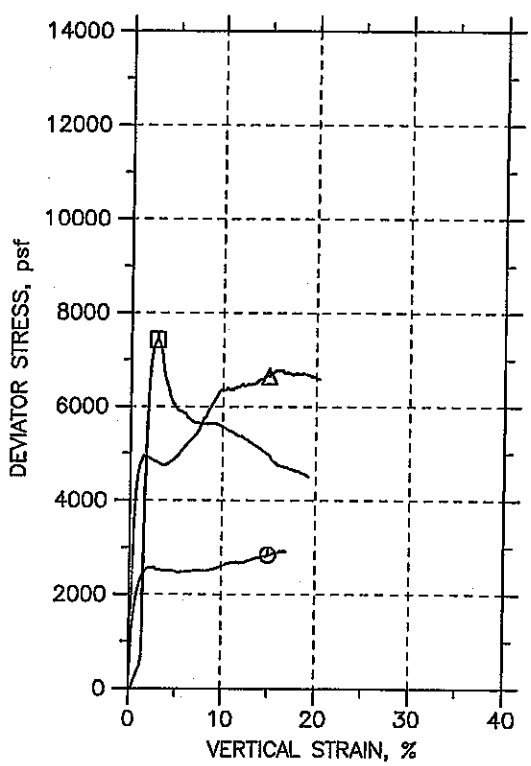


Mon, 21-MAY-2007 14:15:43

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⦶	△	⊡	
Sample No.		0298-09	0298-09	0298-09	
Test No.		CU-10-1	CU-10-2	CU-10-3	
Depth		52-54 ft	52-54 ft	52-54 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	5.89	5.9	6.3	
	Water Content, %	204.6	132.3	204.8	
	Dry Density, pcf	25.83	36.87	25.51	
	Saturation, %	100.0	100.0	98.6	
	Void Ratio	5.53	3.57	5.61	
Before Shear	Water Content, %	192.0	119.6	168.2	
	Dry Density, pcf	27.26	39.86	30.42	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	5.18	3.23	4.54	
	Back Press., psf	14400	16990	14400	
Ver. Eff. Cons. Stress, psf		2501	5000	10000	
Shear Strength, psf		1421	3323	3712	
Strain at Failure, %		15	15	2.84	
Strain Rate, %/min		0.0066	0.0066	0.0066	
B-Value		0.95	0.95	0.96	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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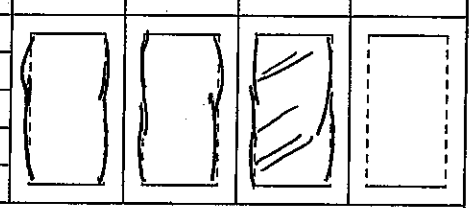
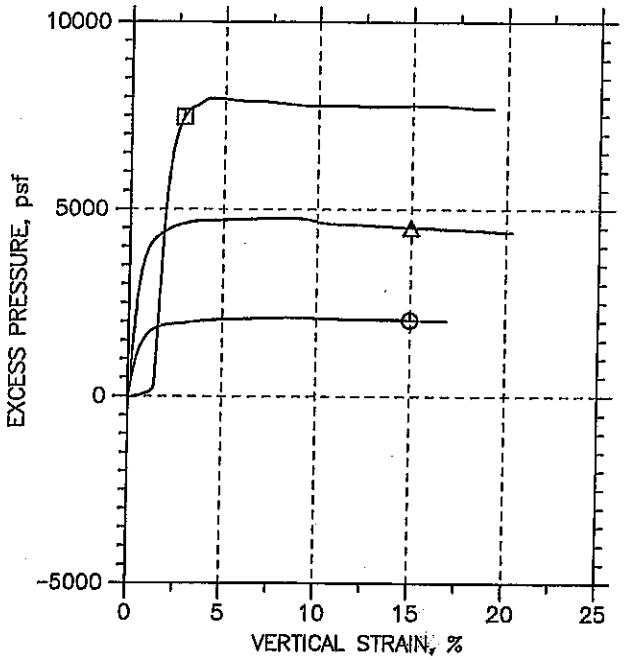
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-05
Sample Type: tube
Description: Moist, light gray silt
Remarks: System F

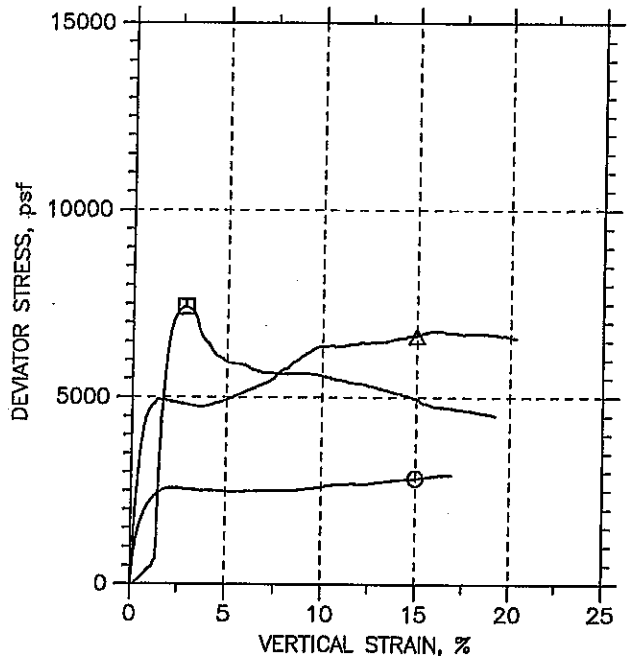


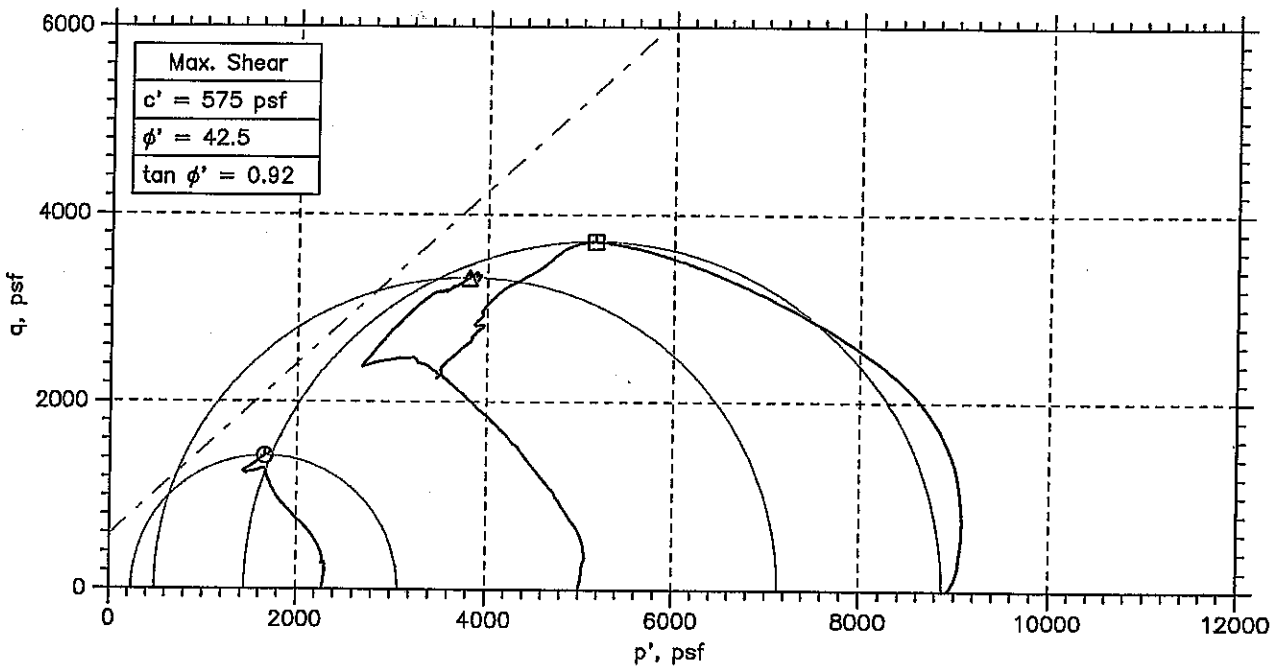
Mon, 21-MAY-2007 18:34:30

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0298-09	CU-10-1	52-54 ft	njh	05/08/07	jdt		7143-CU-10-1n.dat
△	0298-09	CU-10-2	52-54 ft	njh	05/08/07	jdt		7143-CU-10-2n.dat
⊡	0298-09	CU-10-3	52-54 ft	njh	05/08/07	jdt		7143-CU-10-3n.dat

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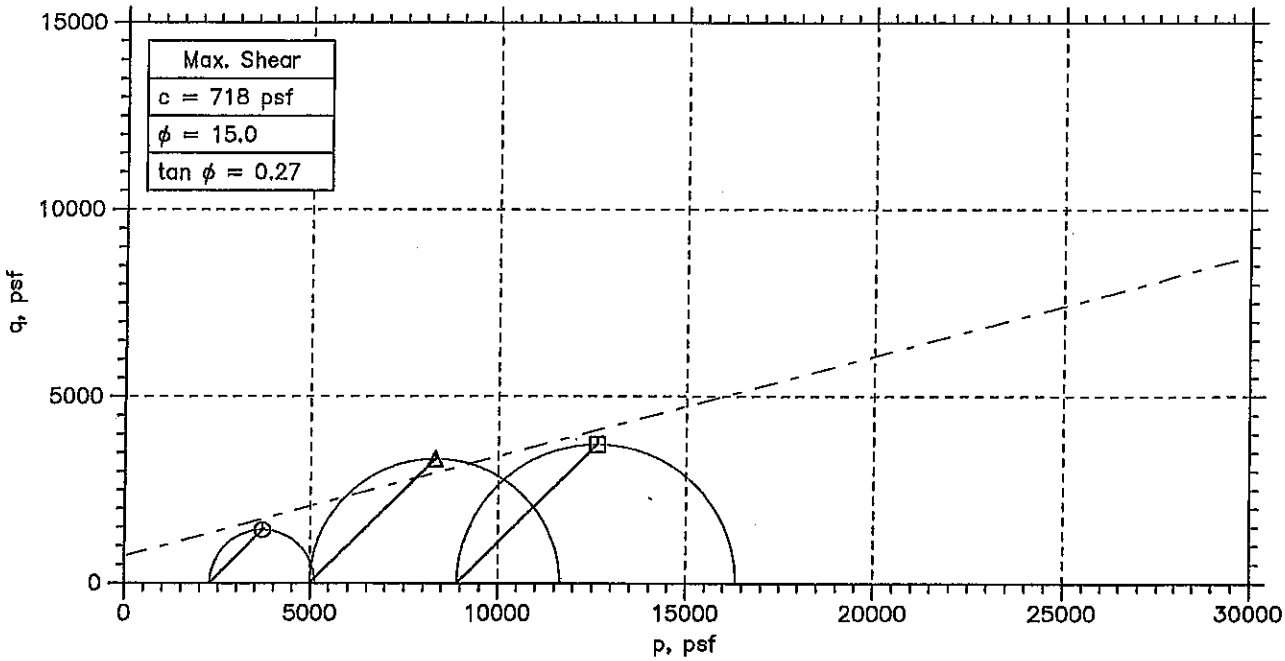
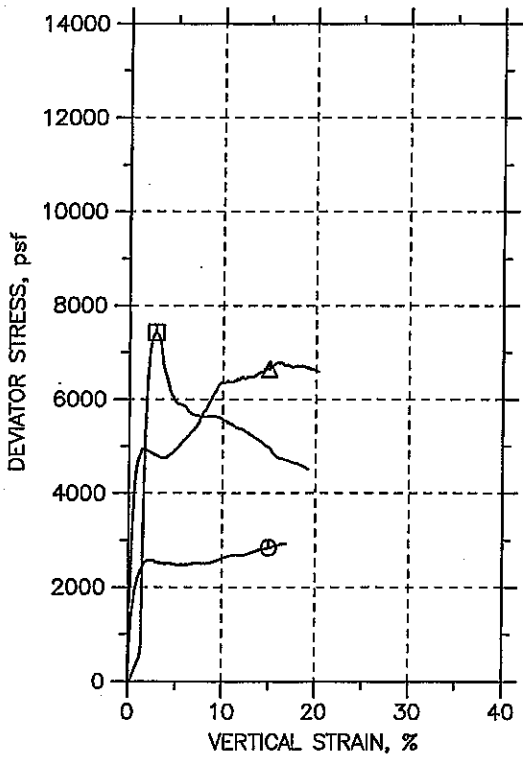
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-05	Sample Type: tube	
Description: Moist, light gray silt		
Remarks: System F		

Mon, 21-MAY-2007 18:35:14

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0298-09	0298-09	0298-09	
Test No.		CU-10-1	CU-10-2	CU-10-3	
Depth		52-54 ft	52-54 ft	52-54 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	5.89	5.9	6.3	
	Water Content, %	204.6	132.3	204.8	
	Dry Density, pcf	25.83	36.87	25.51	
	Saturation, %	100.0	100.0	98.6	
	Void Ratio	5.53	3.57	5.61	
Before Shear	Water Content, %	192.0	119.6	168.2	
	Dry Density, pcf	27.26	39.86	30.42	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	5.18	3.23	4.54	
	Back Press., psf	14400	16990	14400	
Ver. Eff. Cons. Stress, psf		2501	5000	10000	
Shear Strength, psf		1421	3323	3712	
Strain at Failure, %		15	15	2.84	
Strain Rate, %/min		0.0066	0.0066	0.0066	
B-Value		0.95	0.95	0.96	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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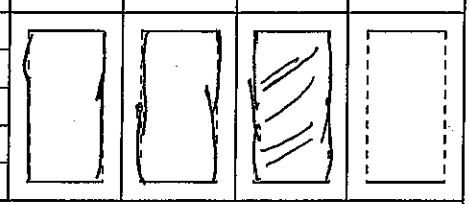
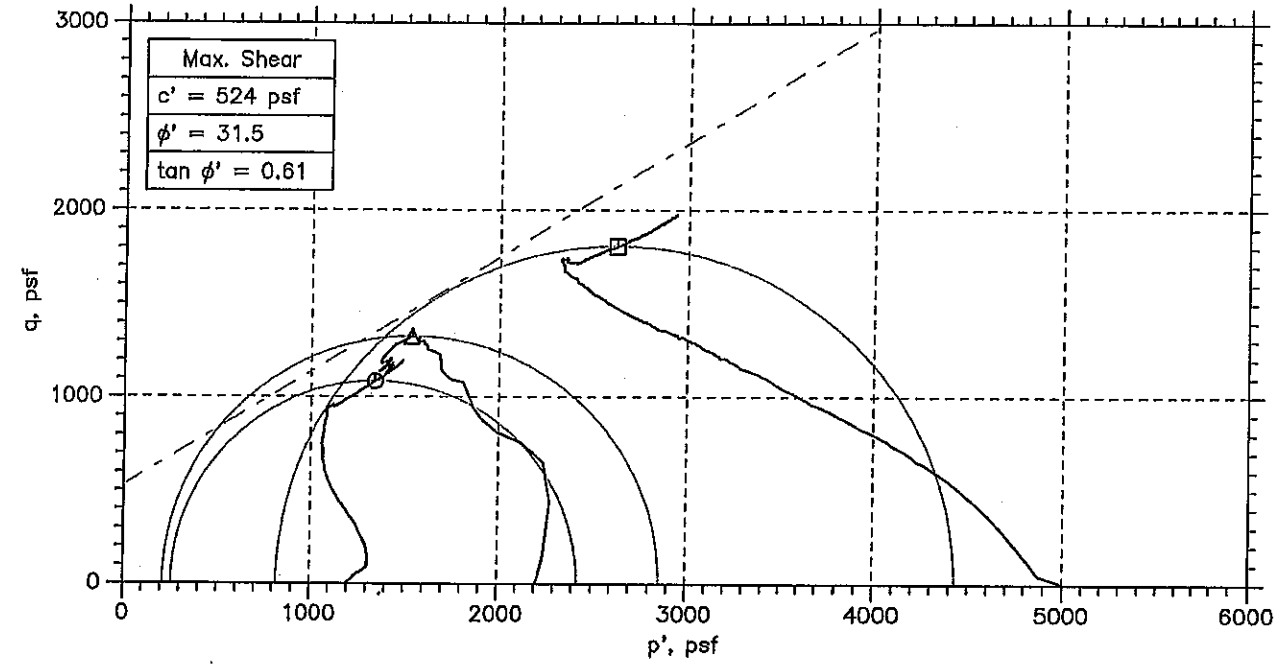
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-05
Sample Type: tube
Description: Moist, light gray silt
Remarks: System F

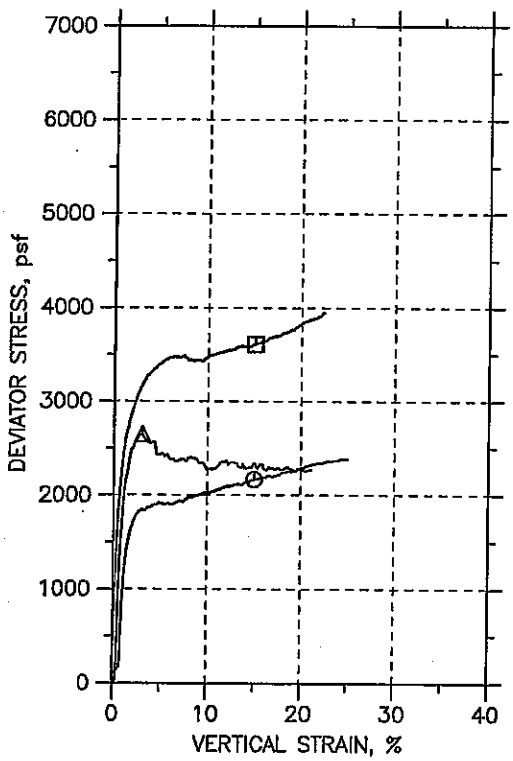


Mon, 21-MAY-2007 18:35:49

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0299-06	0299-06	0299-06	
Test No.		CU-11-1	CU-11-2	CU-11-3	
Depth		8-10 ft	8-10 ft	8-10 ft.	
Initial	Diameter, in	2.87	2.86	2.86	
	Height, in	5.85	5.96	5.8	
	Water Content, %	289.9	280.2	367.3	
	Dry Density, pcf	18.9	18.66	15.32	
	Saturation, %	100.0	95.3	100.0	
	Void Ratio	7.16	7.26	9.07	
Before Shear	Water Content, %	234.8	305.0	229.2	
	Dry Density, pcf	22.68	18.07	23.15	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	5.8	7.53	5.66	
	Back Press., psf	13100	10510	18720	
Ver. Eff. Cons. Stress, psf		1199	2499	5003	
Shear Strength, psf		1084	1324	1806	
Strain at Failure, %		15	3.05	15	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	0.95	
Measured Specific Gravity		2.47	2.47	2.47	
Liquid Limit		170	170	170	
Plastic Limit		113	113	113	

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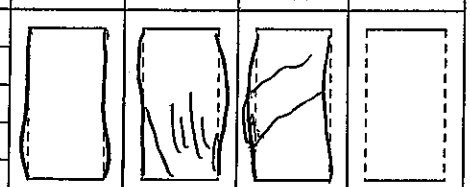
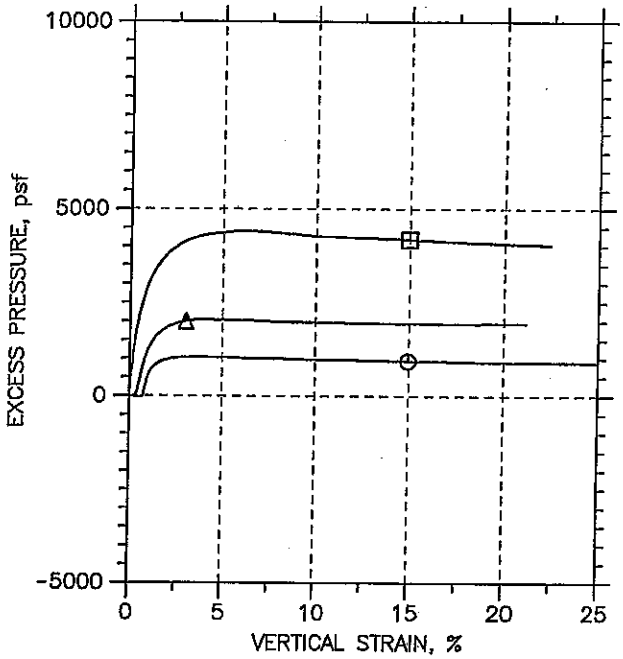
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-09
Sample Type: tube
Description: Moist, very dark gray silt
Remarks: System F

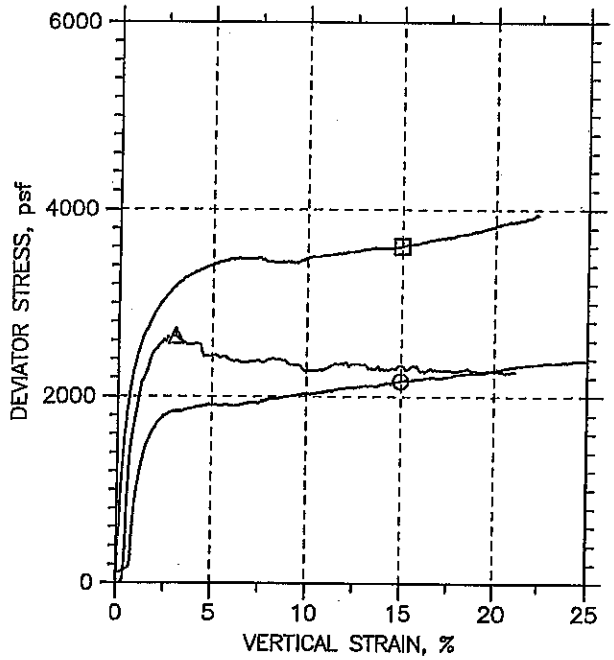


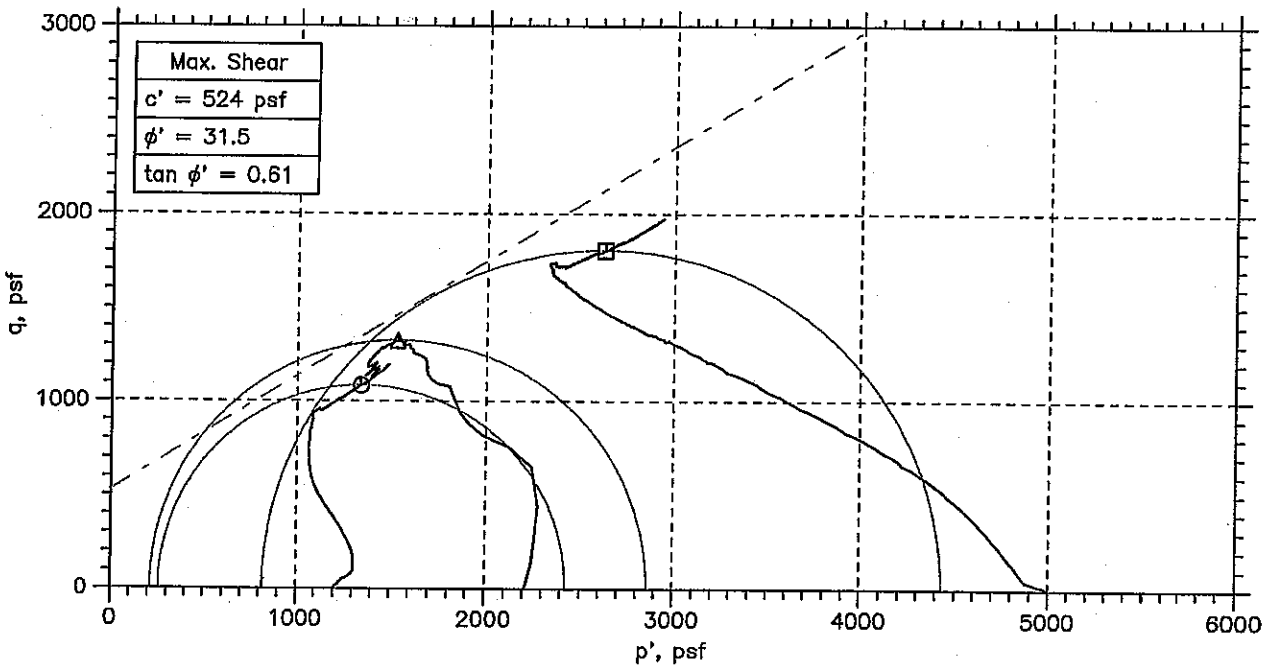
Tue, 22-MAY-2007 12:46:38

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0299-06	CU-11-1	8-10 ft	md	05/11/07	jdt		7143-CU-11-1n.dat
△	0299-06	CU-11-2	8-10 ft	md	05/10/07	jdt		7143-CU-11-2n.dat
⊡	0299-06	CU-11-3	8-10 ft.	njh	05/08/07	jdt		7143-CU-11-3n.dat

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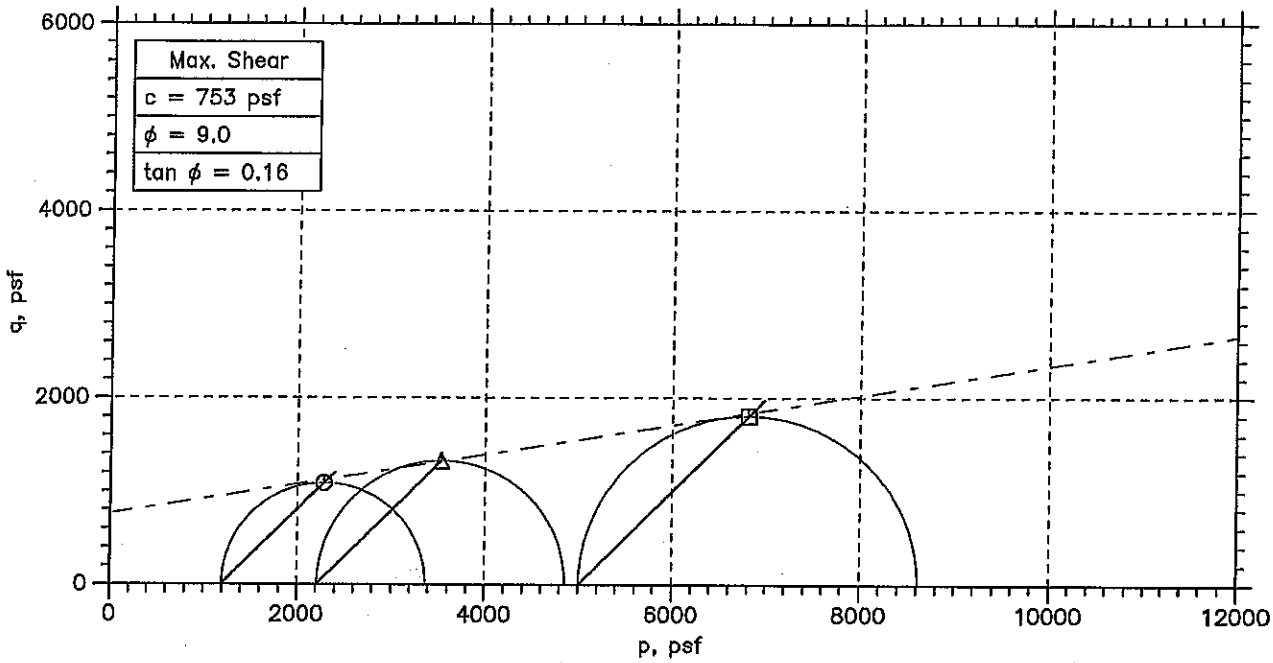
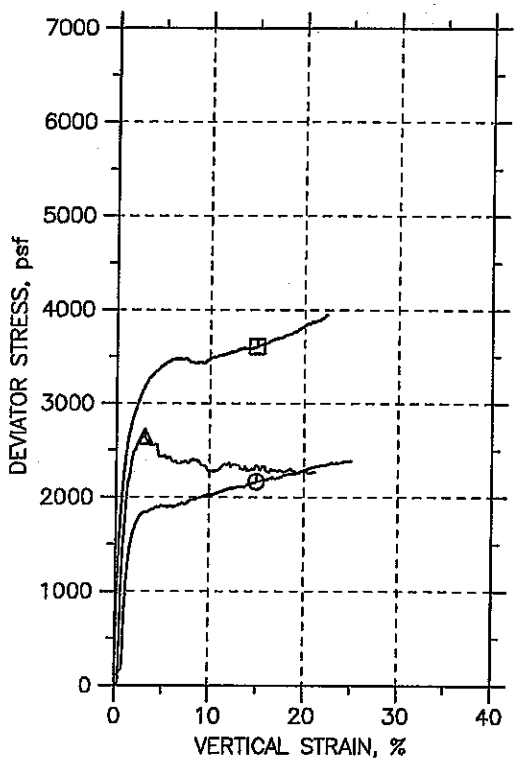
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-09	Sample Type: tube	
Description: Moist, very dark gray silt		
Remarks: System F		

Tue, 22-MAY-2007 12:49:24

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767

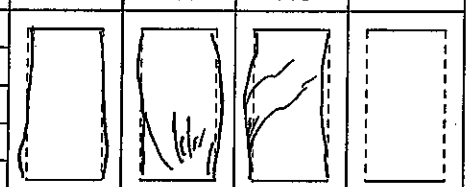




Symbol		⊙	△	⊡	
Sample No.		0299-06	0299-06	0299-06	
Test No.		CU-11-1	CU-11-2	CU-11-3	
Depth		8-10 ft	8-10 ft	8-10 ft.	
Initial	Diameter, in	2.87	2.86	2.86	
	Height, in	5.85	5.96	5.8	
	Water Content, %	289.9	280.2	367.3	
	Dry Density, pcf	18.9	18.66	15.32	
	Saturation, %	100.0	95.3	100.0	
	Void Ratio	7.16	7.26	9.07	
Before Shear	Water Content, %	234.8	305.0	229.2	
	Dry Density, pcf	22.68	18.07	23.15	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	5.8	7.53	5.66	
	Back Press., psf	13100	10510	18720	
Ver. Eff. Cons. Stress, psf		1199	2499	5003	
Shear Strength, psf		1084	1324	1806	
Strain at Failure, %		15	3.05	15	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	0.95	
Measured Specific Gravity		2.47	2.47	2.47	
Liquid Limit		170	170	170	
Plastic Limit		113	113	113	

GeoTesting express
a subsidiary of Geocomp Corporation

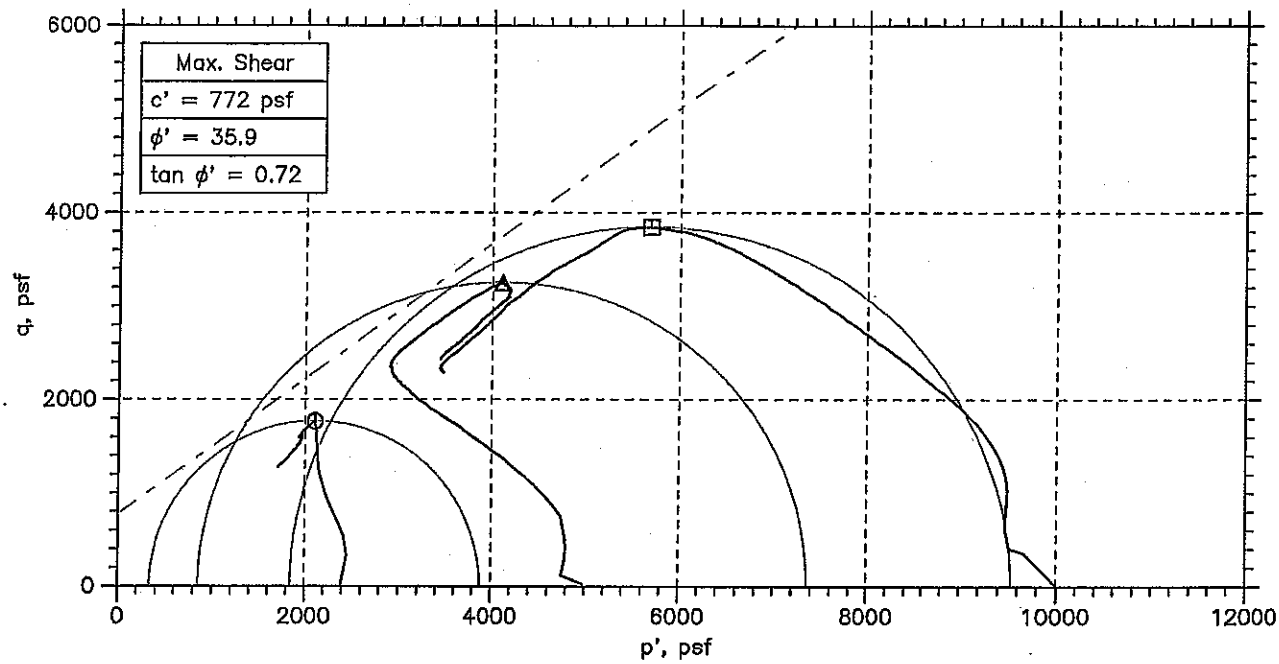
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-09
Sample Type: tube
Description: Moist, very dark gray silt
Remarks: System F

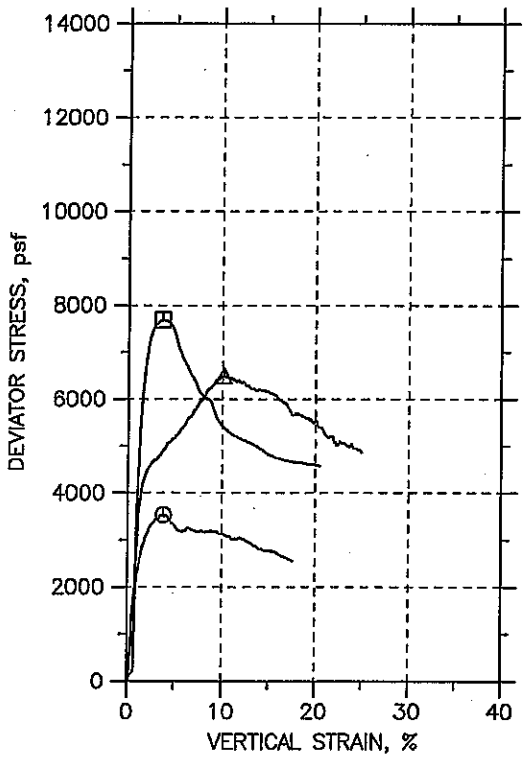


Tue, 22-MAY-2007 12:49:45

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0299-10	0299-10	0299-10	
Test No.		CU-8-1	CU-8-2	CU-8-3	
Depth		48-50 ft	48-50 ft	48-50 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6.02	6	5.82	
	Water Content, %	229.3	176.4	148.2	
	Dry Density, pcf	23.38	29.15	31.18	
	Saturation, %	100.0	100.0	91.2	
	Void Ratio	6.08	4.67	4.31	
Before Shear	Water Content, %	207.5	141.8	151.9	
	Dry Density, pcf	25.46	34.77	32.93	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	5.5	3.76	4.02	
	Back Press., psf	11380	13970	10510	
Ver. Eff. Cons. Stress, psf		2500	5000	9998	
Shear Strength, psf		1768	3251	3844	
Strain at Failure, %		3.83	10.1	3.64	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	0.95	
Measured Specific Gravity		2.65	2.65	2.65	
Liquid Limit		146	146	146	
Plastic Limit		96	96	96	

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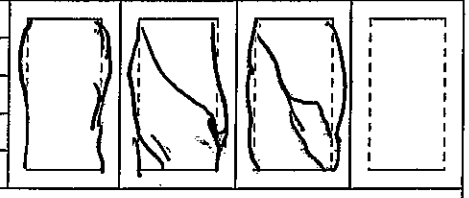
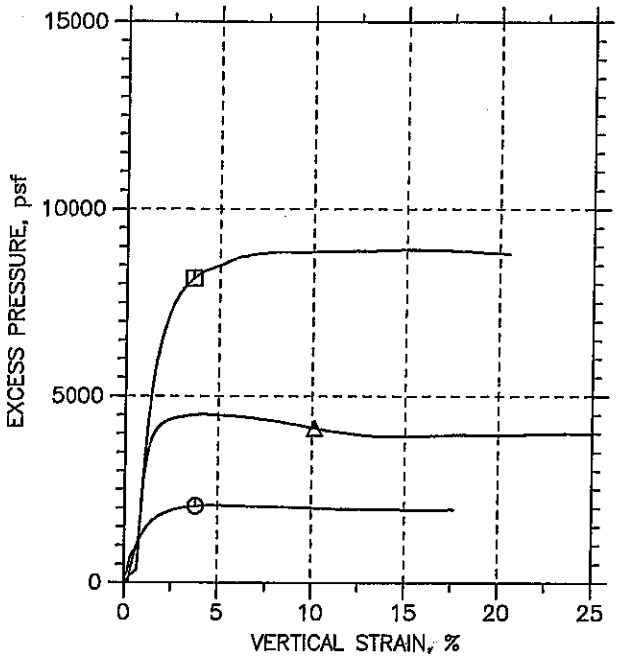
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-09
Sample Type: tube
Description: Moist, gray silt with sand
Remarks: System S

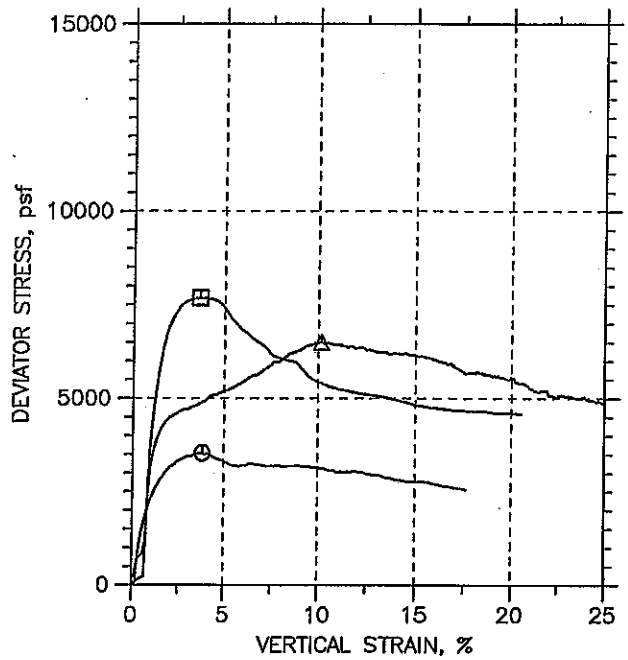


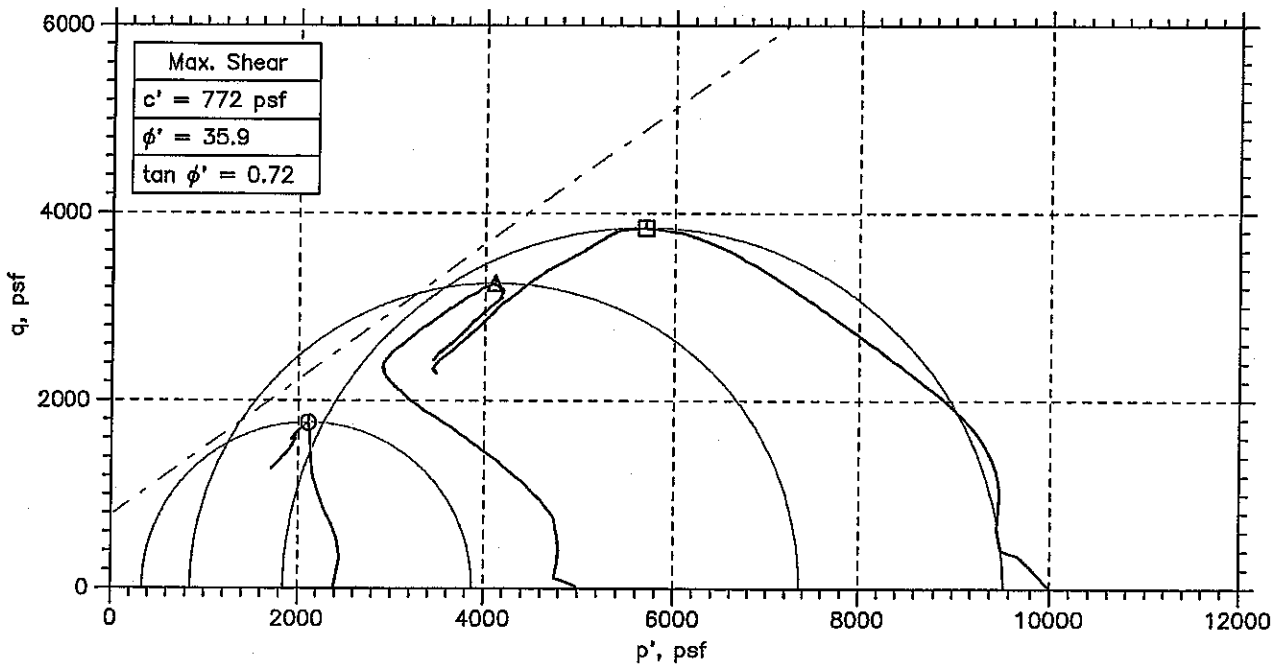
Mon, 14-MAY-2007 10:14:27

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0299-10	CU-8-1	48-50 ft	njh	05/03/07	jdt		7143-CU-8-1n.dat
△	0299-10	CU-8-2	48-50 ft	njh	05/03/07	jdt		7143-CU-8-2n.dat
⊡	0299-10	CU-8-3	48-50 ft	njh	05/03/07	jdt		7143-CU-8-3n.dat

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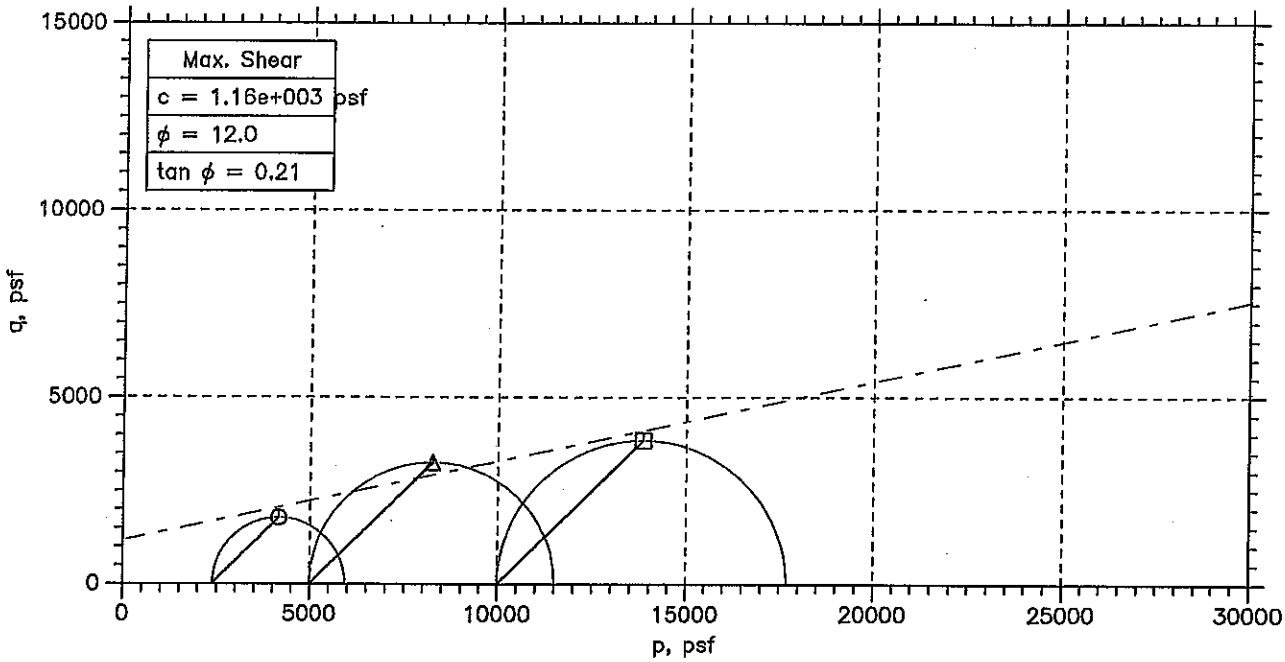
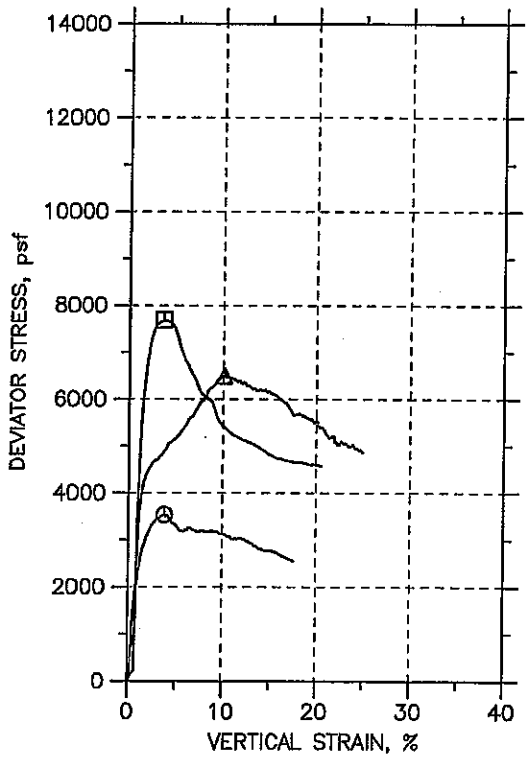
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-09	Sample Type: tube	
Description: Moist, gray silt with sand		
Remarks: System S		

Mon, 14-MAY-2007 10:28:29

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0299-10	0299-10	0299-10	
Test No.		CU-8-1	CU-8-2	CU-8-3	
Depth		48-50 ft	48-50 ft	48-50 ft	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6.02	6	5.82	
	Water Content, %	229.3	176.4	148.2	
	Dry Density, pcf	23.38	29.15	31.18	
	Saturation, %	100.0	100.0	91.2	
	Void Ratio	6.08	4.67	4.31	
Before Shear	Water Content, %	207.5	141.8	151.9	
	Dry Density, pcf	25.46	34.77	32.93	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	5.5	3.76	4.02	
	Back Press., psf	11380	13970	10510	
Ver. Eff. Cons. Stress, psf		2500	5000	9998	
Shear Strength, psf		1768	3251	3844	
Strain at Failure, %		3.83	10.1	3.64	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	0.95	
Measured Specific Gravity		2.65	2.65	2.65	
Liquid Limit		146	146	146	
Plastic Limit		96	96	96	

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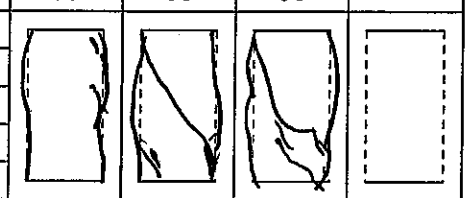
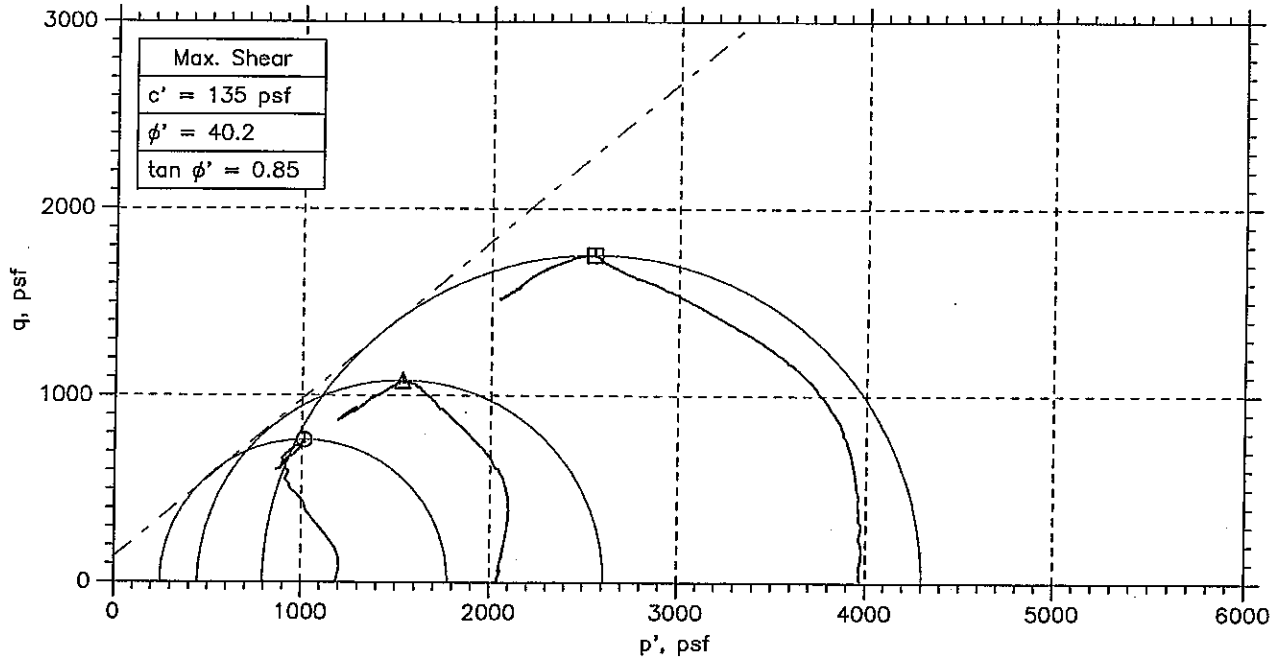
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-09
Sample Type: tube
Description: Moist, gray silt with sand
Remarks: System S

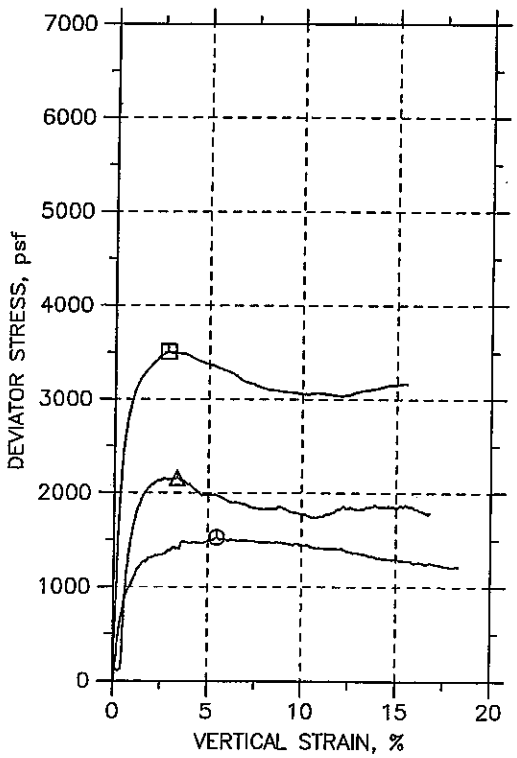


Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

Mon, 21-MAY-2007 14:22:00

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0300-06	300-06	0300-06	
Test No.		CU-3-1	CU-3-2	CU-3-3	
Depth		8-10 ft	8-10 ft	8-10 ft	
Initial	Diameter, in	2.86	2.86	2.86	
	Height, in	5.9	5.75	5.76	
	Water Content, %	273.6	327.9	415.6	
	Dry Density, pcf	18.67	16.46	13.04	
	Saturation, %	92.0	95.8	94.1	
	Void Ratio	8.03	9.24	11.9	
Before Shear	Water Content, %	340.2	253.9	194.8	
	Dry Density, pcf	16.55	21.45	26.92	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	9.19	6.86	5.26	
	Back Press., psf	14830	10940	15270	
Ver. Eff. Cons. Stress, psf		1200	2500	4999	
Shear Strength, psf		763.	1081	1753	
Strain at Failure, %		5.47	3.34	2.81	
Strain Rate, %/min		0.004	0.004	0.004	
B-Value		0.95	0.96	---	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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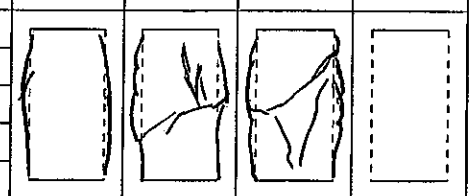
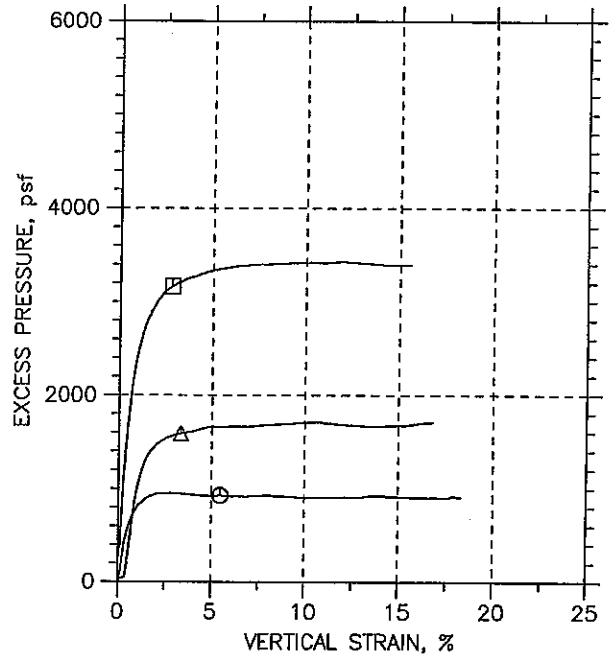
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-12
Sample Type: tube
Description: Moist, light and dark gray silt
Remarks: System O

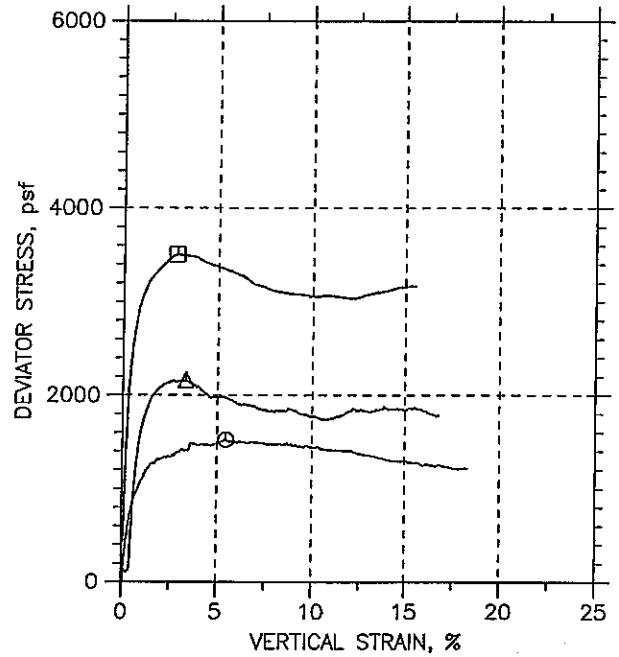


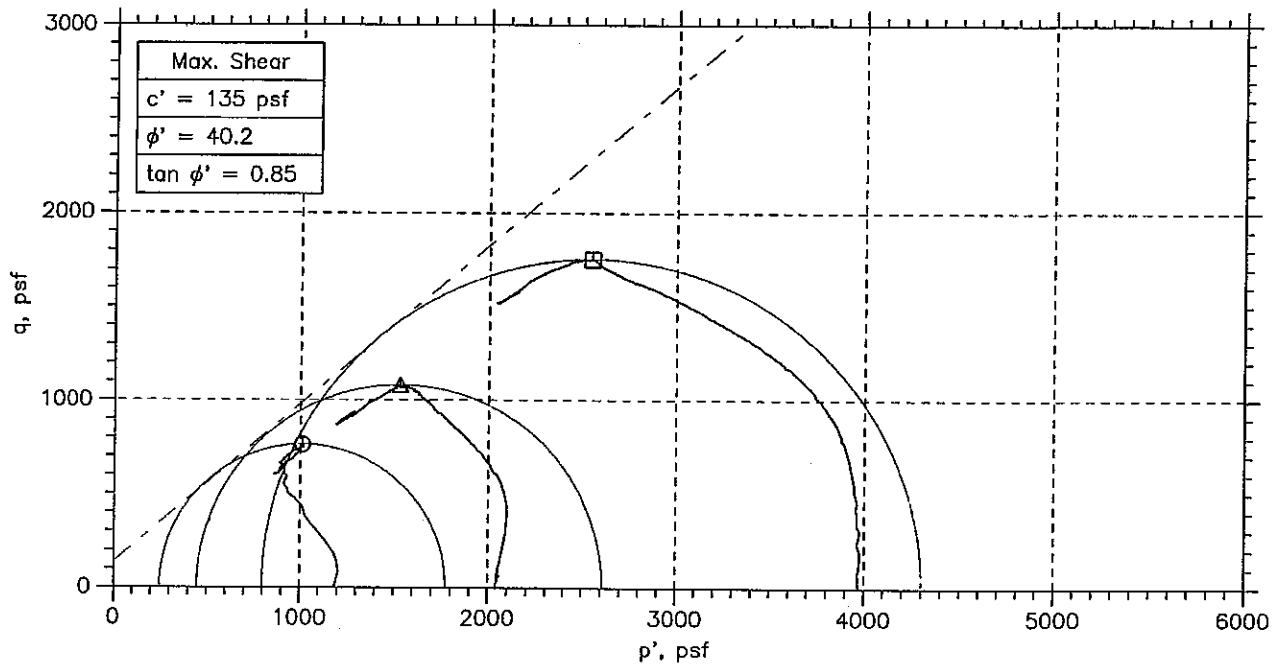
Phase calculations based on start of test.
* Saturation is set to 100% for phase calculations.

Tue, 20-MAR-2007 16:15:51

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	0300-06	CU-3-1	8-10 ft	yf	03/07/07	jdt		7143-CU-3-1n.dat
△	300-06	CU-3-2	8-10 ft	yf	03/07/07	jdt		7143-CU-3-2n.dat
⊡	0300-06	CU-3-3	8-10 ft	md	03/04/07	jdt		7143-CU-3-3an.dat

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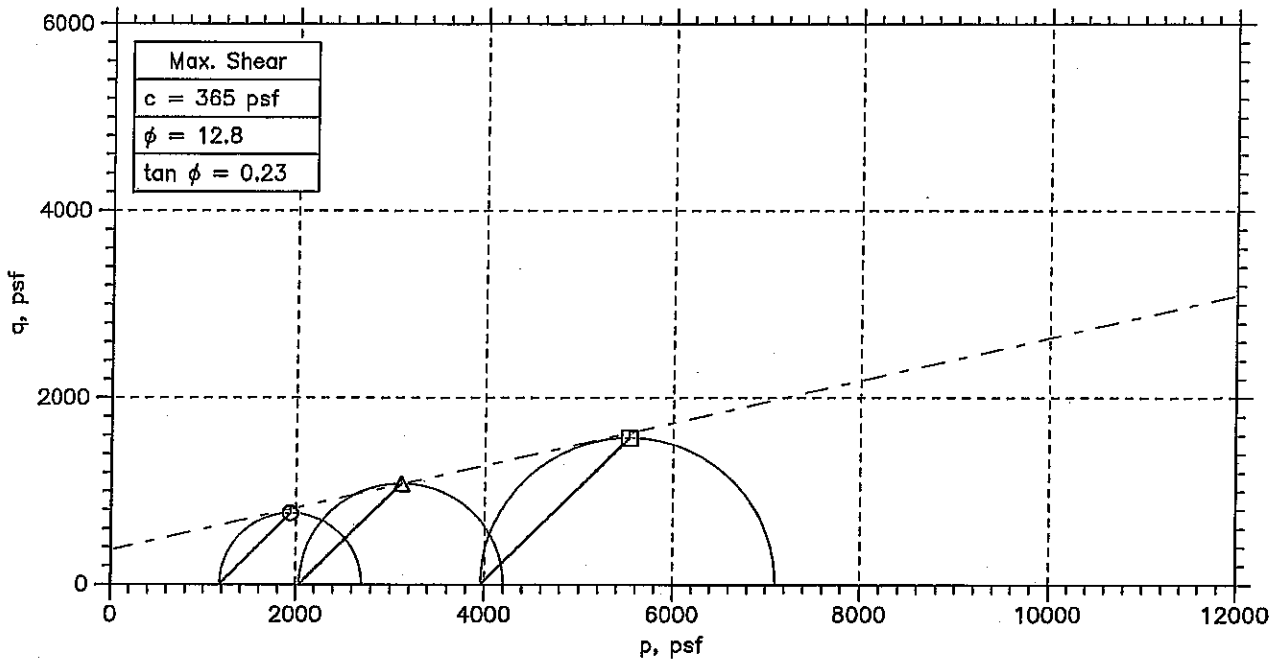
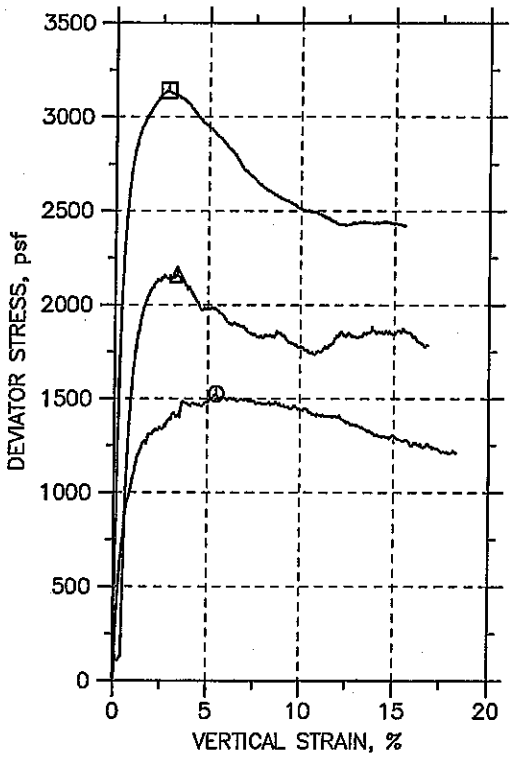
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-12	Sample Type: tube	
Description: Moist, light and dark gray silt		
Remarks: System 0		

Tue, 20-MAR-2007 16:15:43

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0300-06	0300-06	0300-06	
Test No.		CU-3-1	CU-3-2	CU-3-3	
Depth		8-10 ft	8-10 ft	8-10 ft	
Initial	Diameter, in	2.86	2.86	2.86	
	Height, in	5.9	5.75	5.76	
	Water Content, %	273.6	327.9	415.6	
	Dry Density, pcf	18.67	16.46	13.04	
	Saturation, %	92.0	95.8	94.1	
	Void Ratio	8.03	9.24	11.9	
Before Shear	Water Content, %	340.2	253.9	194.8	
	Dry Density, pcf	16.55	21.45	26.92	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	9.19	6.86	5.26	
	Back Press., psf	14830	10940	15270	
Ver. Eff. Cons. Stress, psf		1200	2500	4999	
Shear Strength, psf		763.	1081	1571	
Strain at Failure, %		5.47	3.34	2.81	
Strain Rate, %/min		0.004	0.004	0.004	
B-Value		0.95	0.96	---	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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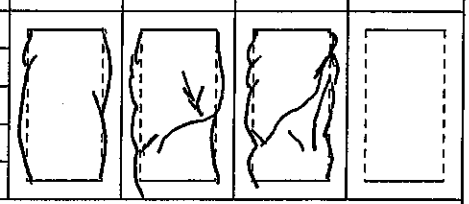
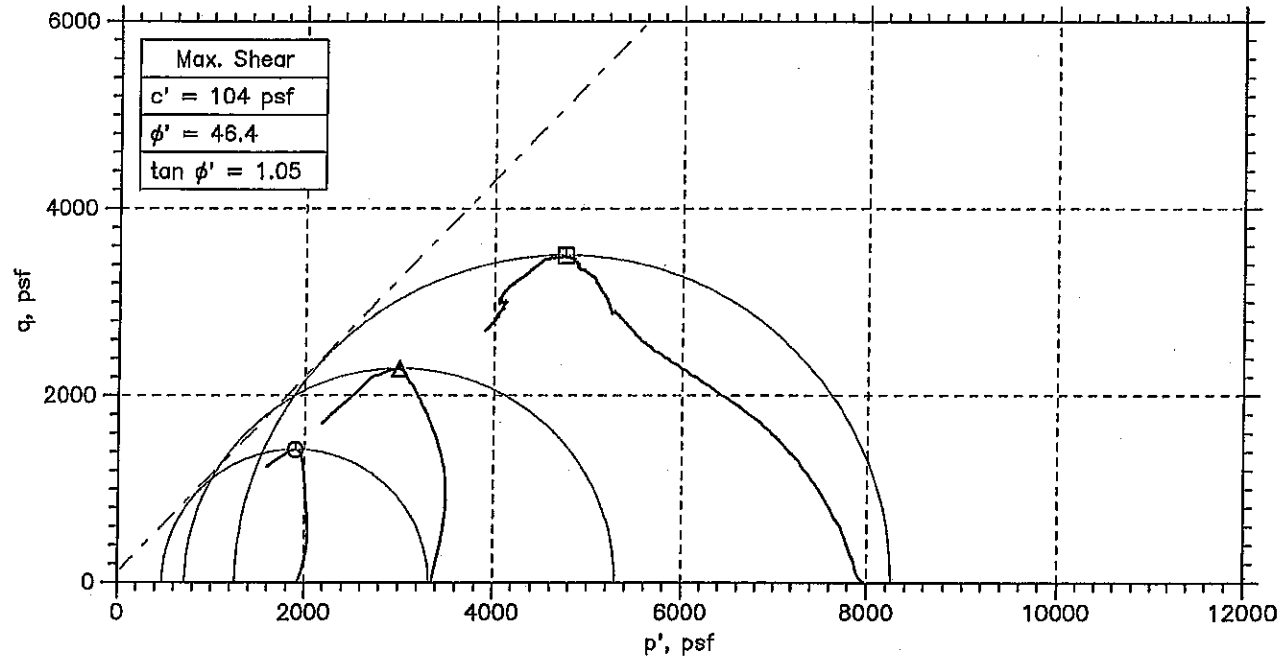
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-12
Sample Type: tube
Description: Moist, light and dark gray silt
Remarks: System O

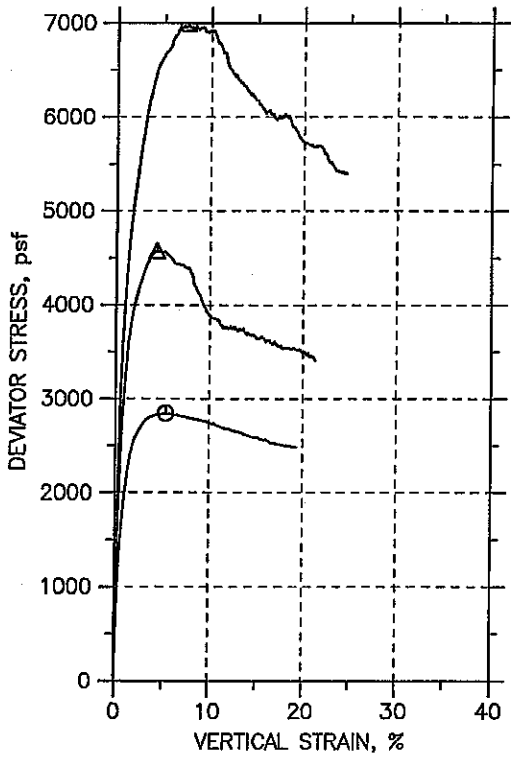


Mon, 21-MAY-2007 14:13:10

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0300-10	0300-10	0300-10	
Test No.		CU-13-1	CU-13-2	CU-13-3	
Depth		42-44 ft.	42-44 ft	42-44 ft.	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6.05	5.9	6.05	
	Water Content, %	279.8	273.2	270.5	
	Dry Density, pcf	18.6	19.95	19.89	
	Saturation, %	93.7	99.0	97.7	
	Void Ratio	8.06	7.45	7.48	
Before Shear	Water Content, %	253.2	238.7	195.3	
	Dry Density, pcf	21.51	22.64	26.87	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	6.84	6.44	5.27	
	Back Press., psf	7057	9649	15670	
Ver. Eff. Cons. Stress, psf		1998	3999	7987	
Shear Strength, psf		1424	2290	3499	
Strain at Failure, %		5.35	4.32	7.47	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	0.95	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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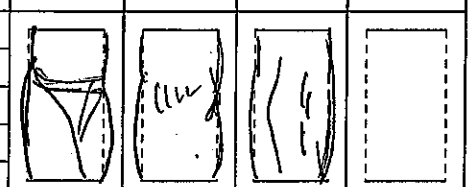
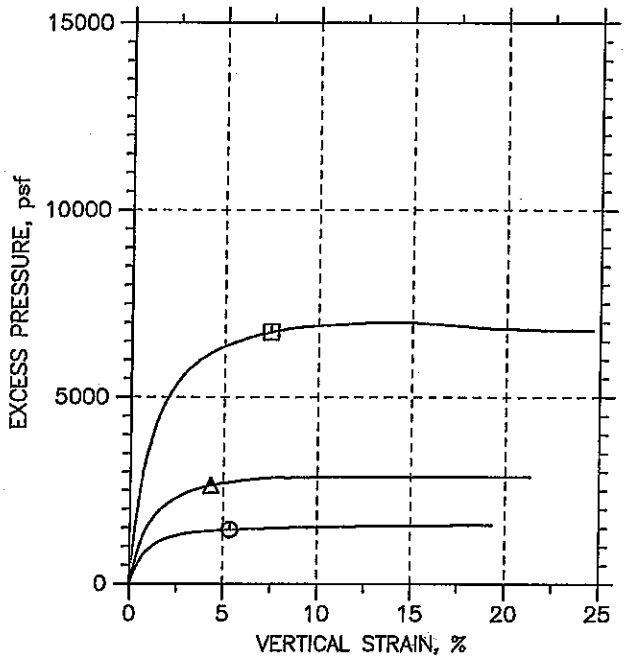
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-12
Sample Type: tube
Description: Moist, light and dark gray silt
Remarks: System D

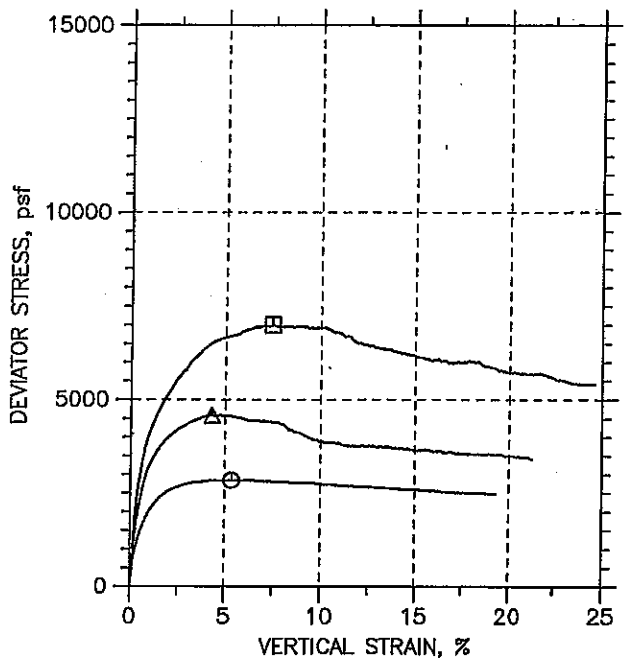


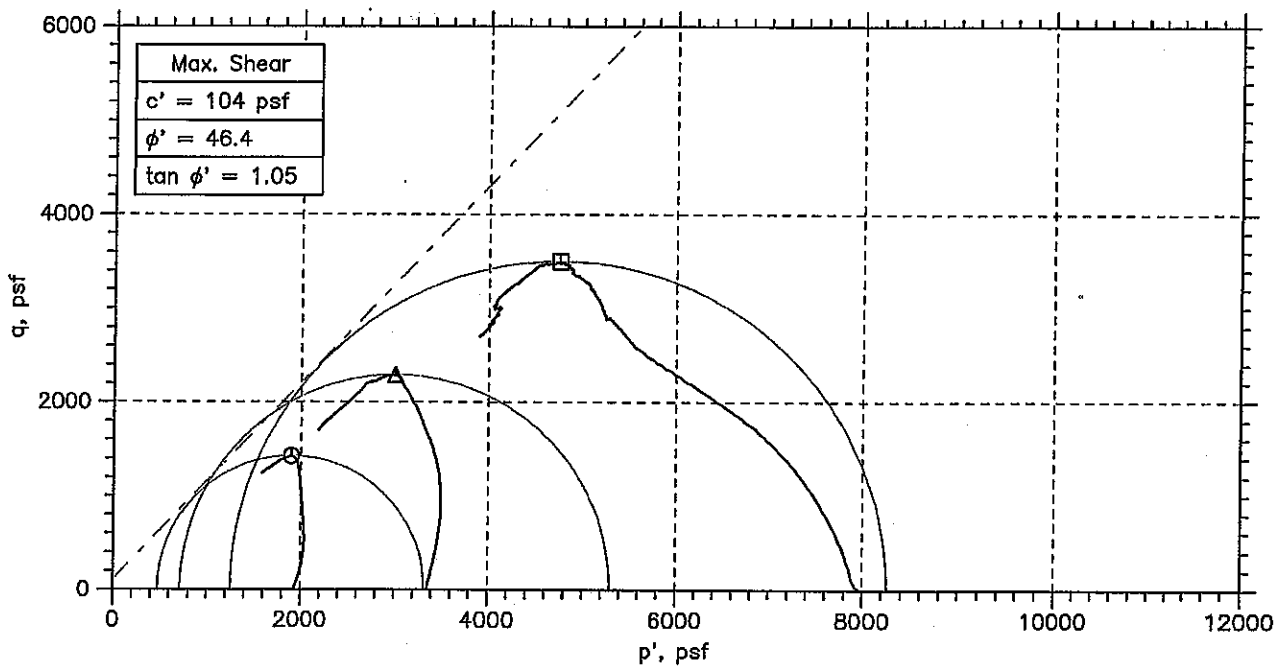
Mon, 21-MAY-2007 17:30:45

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767







	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⦶	0300-10	CU-13-1	42-44 ft.	md	05/14/07	jdt		7143-CU-13-1n.dat
△	0300-10	CU-13-2	42-44 ft	md	05/14/07	jdt		7143-CU-13-2n.dat
⊡	0300-10	CU-13-3	42-44 ft.	md	05/13/07	jdt		7143-CU-13-3n.dat

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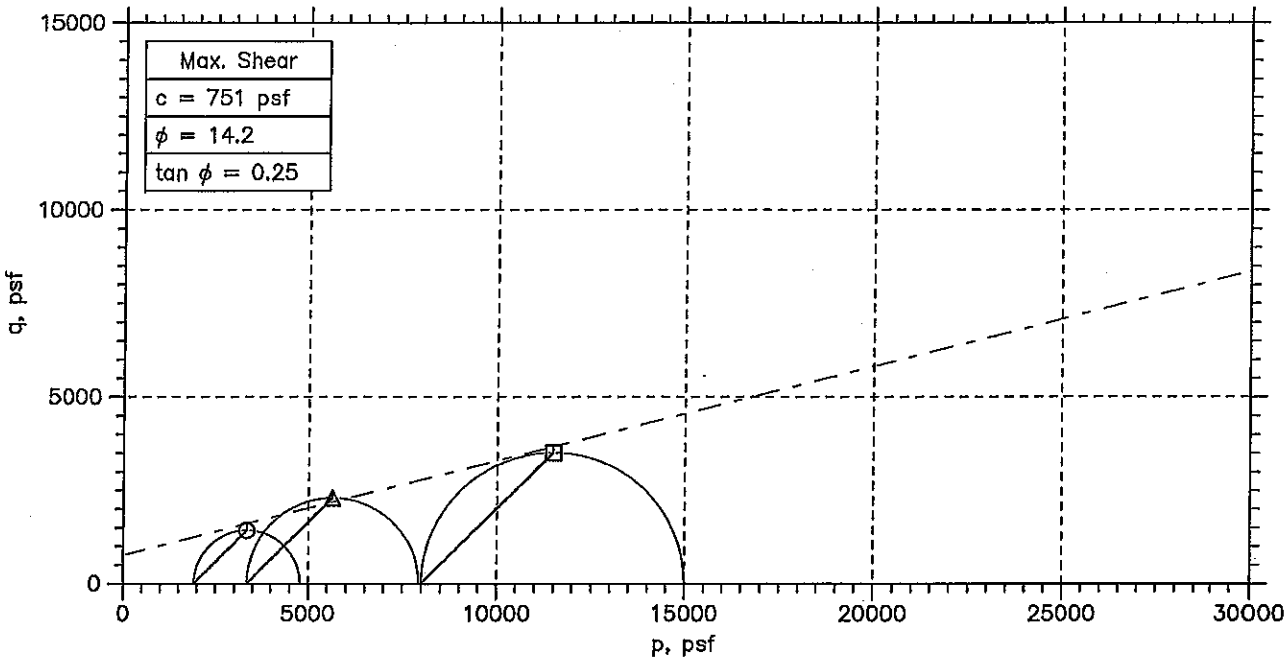
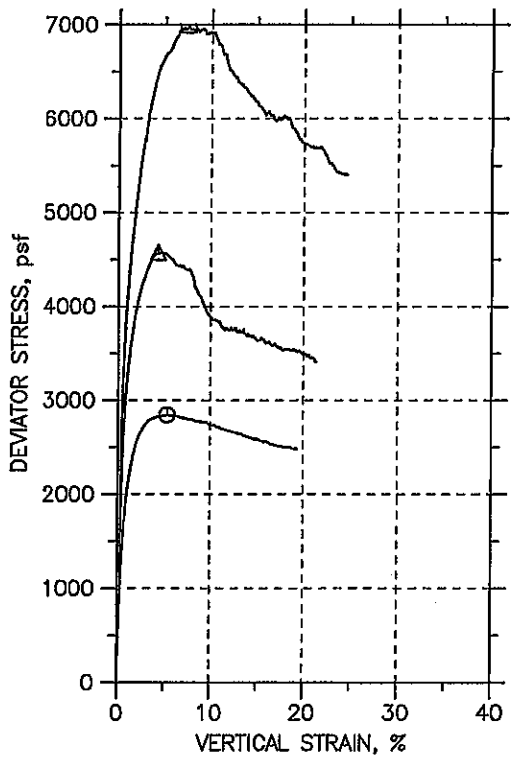
Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
Boring No.: SB-13-12	Sample Type: tube	
Description: Moist, light and dark gray silt		
Remarks: System D		

Mon, 21-MAY-2007 17:30:54

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767





Symbol		⊙	△	⊡	
Sample No.		0300-10	0300-10	0300-10	
Test No.		CU-13-1	CU-13-2	CU-13-3	
Depth		42-44 ft.	42-44 ft	42-44 ft.	
Initial	Diameter, in	2.87	2.87	2.87	
	Height, in	6.05	5.9	6.05	
	Water Content, %	279.8	273.2	270.5	
	Dry Density, pcf	18.6	19.95	19.89	
	Saturation, %	93.7	99.0	97.7	
	Void Ratio	8.06	7.45	7.48	
Before Shear	Water Content, %	253.2	238.7	195.3	
	Dry Density, pcf	21.51	22.64	26.87	
	Saturation*, %	100.0	100.0	100.0	
	Void Ratio	6.84	6.44	5.27	
	Back Press., psf	7057	9649	15670	
Ver. Eff. Cons. Stress, psf		1998	3999	7987	
Shear Strength, psf		1424	2290	3499	
Strain at Failure, %		5.35	4.32	7.47	
Strain Rate, %/min		0.01	0.01	0.01	
B-Value		0.95	0.95	0.95	
Estimated Specific Gravity		2.7	2.7	2.7	
Liquid Limit		---	---	---	
Plastic Limit		---	---	---	

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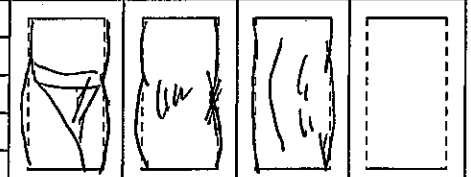
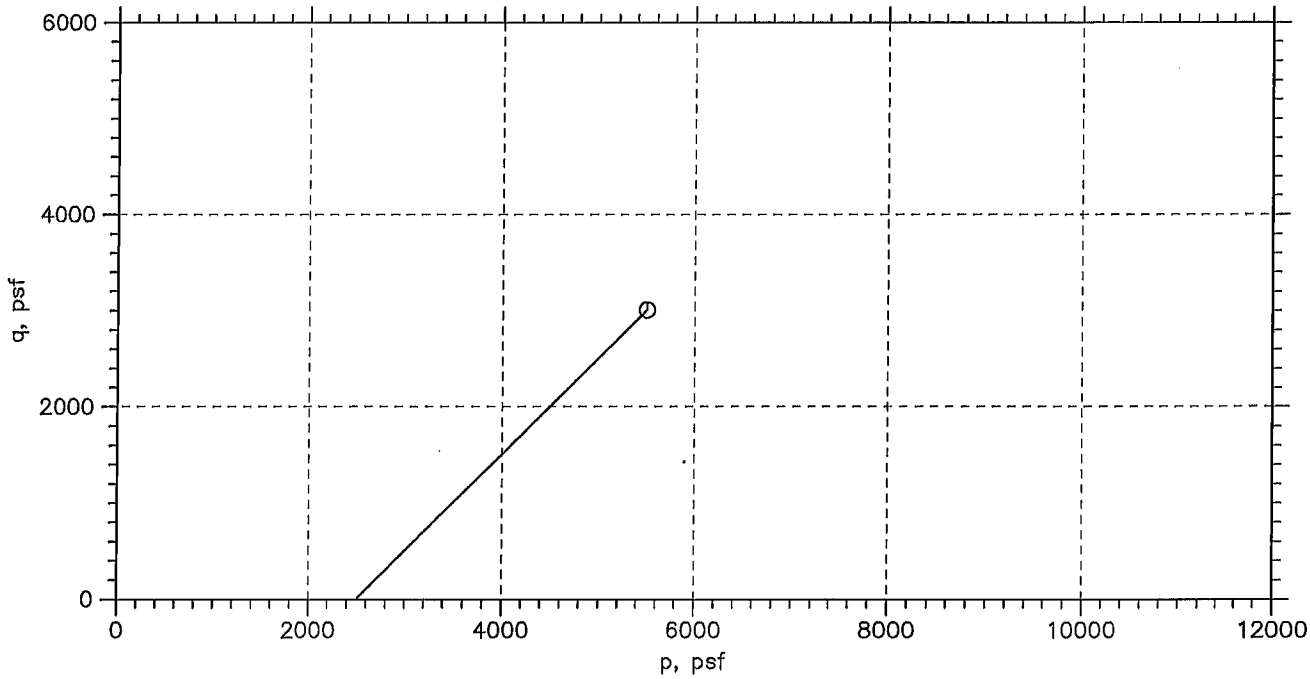
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB-13-12
Sample Type: tube
Description: Moist, light and dark gray silt
Remarks: System D

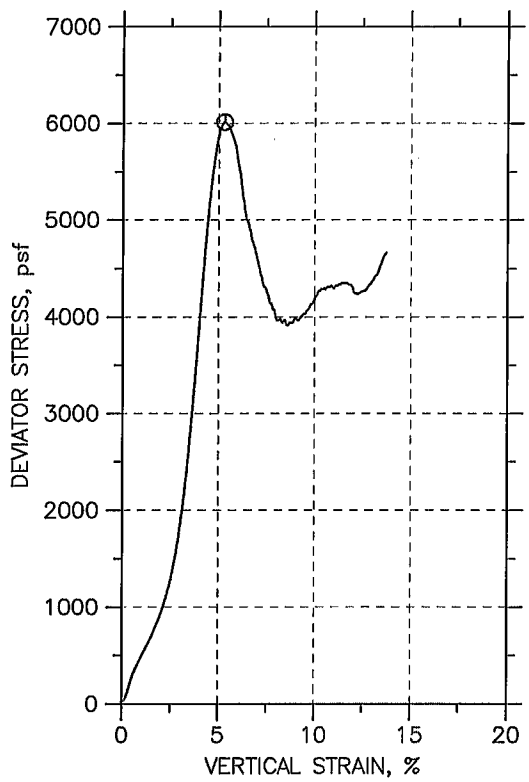


Mon, 21-MAY-2007 17:32:08

Phase calculations based on start and end of test.
* Saturation is set to 100% for phase calculations.

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⊙			
Sample No.	0295-08			
Test No.	UU-7			
Depth	27-29 ft			
Tested by	md			
Test Date	02/27/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	6.15			
Water Content, %	70.2			
Dry Density, pcf	52.86			
Saturation, %	91.2			
Void Ratio	1.87			
Confining Stress, psf	2500			
Undrained Strength, psf	3007			
Max. Dev. Stress, psf	6015			
Strain at Failure, %	5.3			
Strain Rate, %/min	1			
Measured Specific Gravity	2.43			
Liquid Limit	112			
Plastic Limit	93			
Plasticity Index	19			

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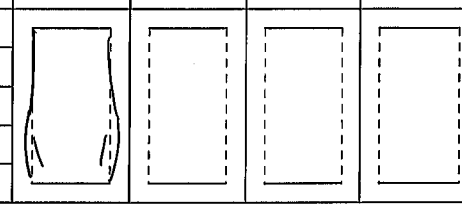
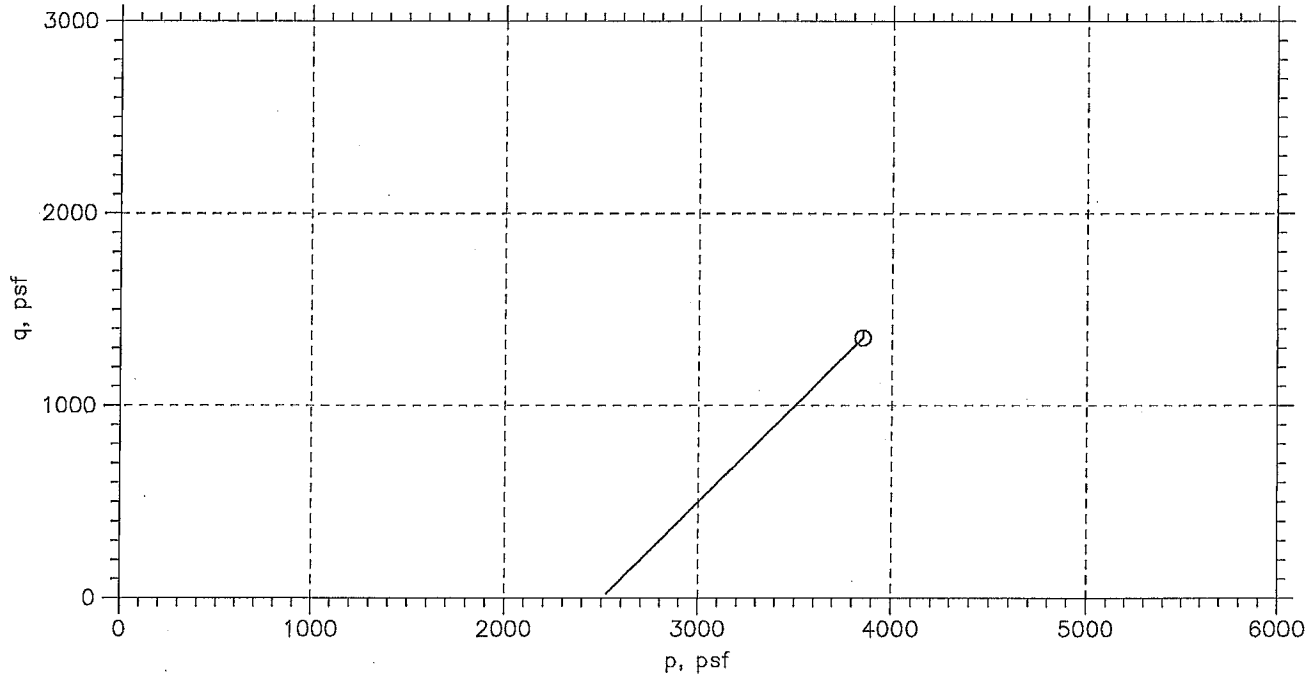
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ13-02
Sample Type: tube
Description: Moist, light and dark gray silt
Remarks: System A

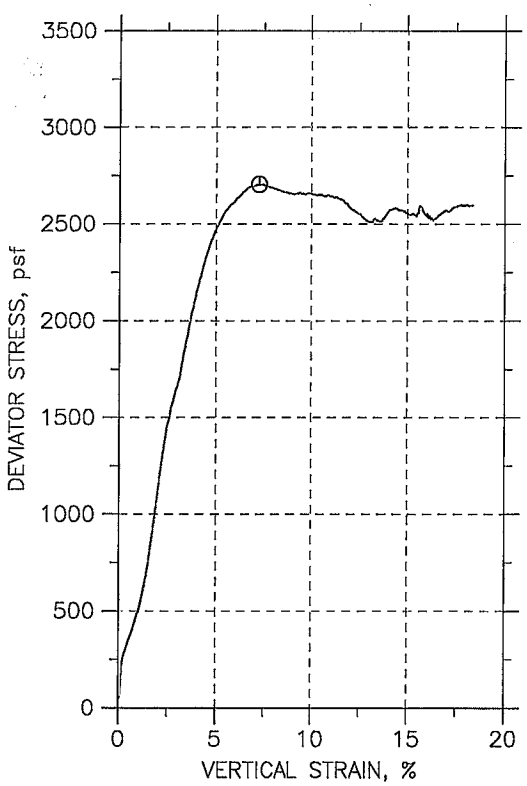


Phase calculations based on start and end of test.

Wed, 16-MAY-2007 08:24:42

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0295-13			
Test No.	UU-8			
Depth	30-32 ft			
Tested by	md			
Test Date	02/27/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	6.3			
Water Content, %	179.1			
Dry Density, pcf	28.33			
Saturation, %	99.8			
Void Ratio	4.38			
Confining Stress, psf	2500			
Undrained Strength, psf	1353			
Max. Dev. Stress, psf	2706			
Strain at Failure, %	7.25			
Strain Rate, %/min	1			
Measured Specific Gravity	2.44			
Liquid Limit	158			
Plastic Limit	119			
Plasticity Index	39			

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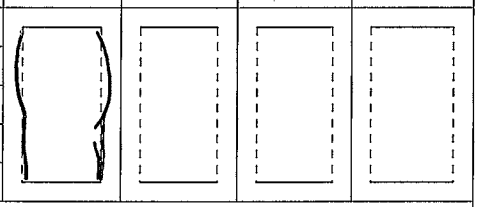
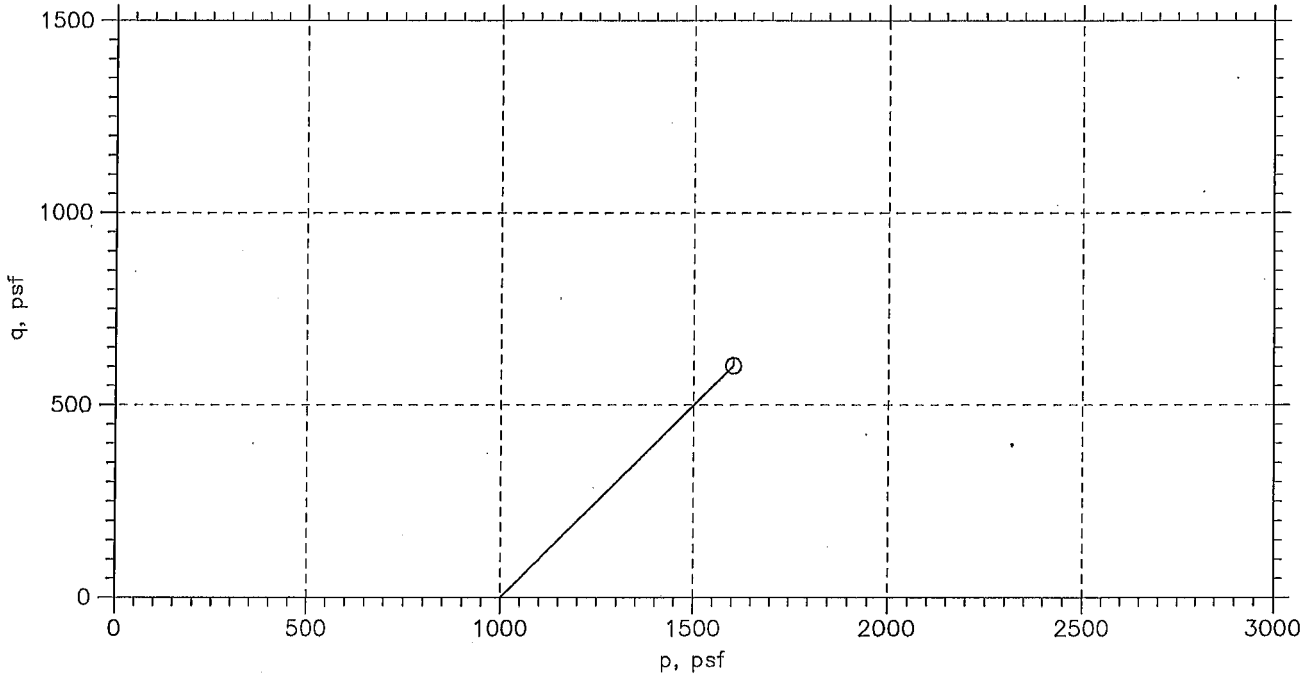
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ13-03
Sample Type: tube
Description: Moist, dark gray sandy silt
Remarks: System A

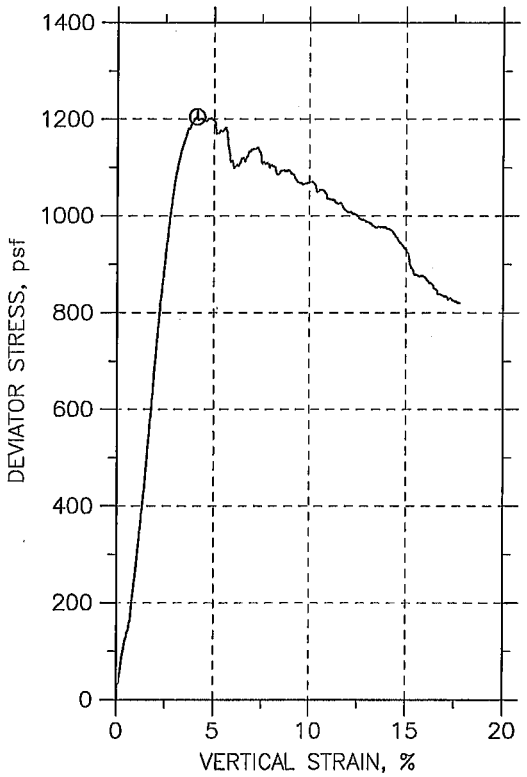


Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:08:26

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0295-17			
Test No.	UU-14			
Depth	10-12 ft			
Tested by	md			
Test Date	02/28/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	6			
Water Content, %	472.5			
Dry Density, pcf	11.62			
Saturation, %	94.7			
Void Ratio	13			
Confining Stress, psf	1000			
Undrained Strength, psf	602.5			
Max. Dev. Stress, psf	1205			
Strain at Failure, %	4.13			
Strain Rate, %/min	1			
Measured Specific Gravity	2.6			
Liquid Limit	220			
Plastic Limit	161			
Plasticity Index	59			

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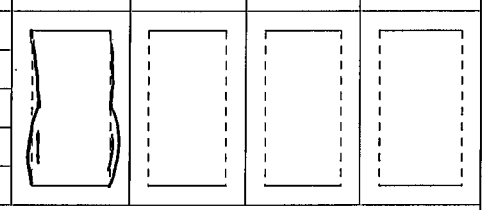
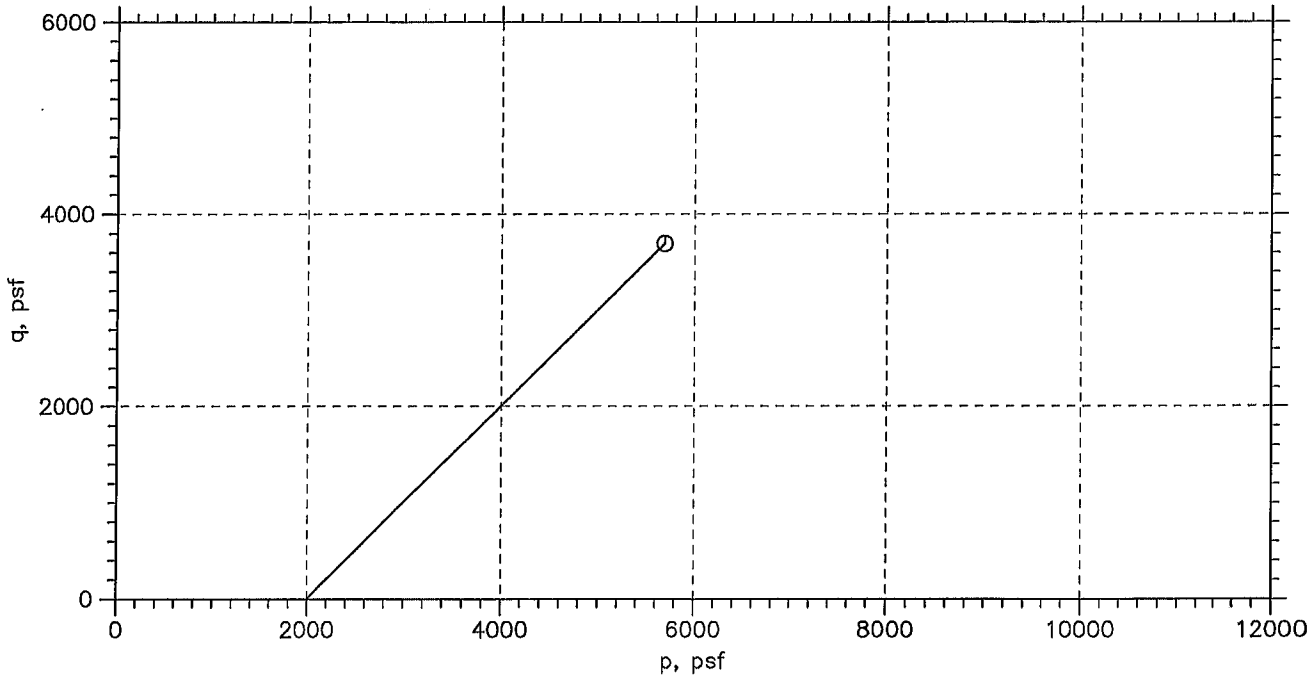
Project: Onondaga
Location: Syracuse, NY
Project No.: Gtx-7143
Boring No.: PZ13-04
Sample Type: tube
Description: Moist, light yellowish brown silt
Remarks: System A

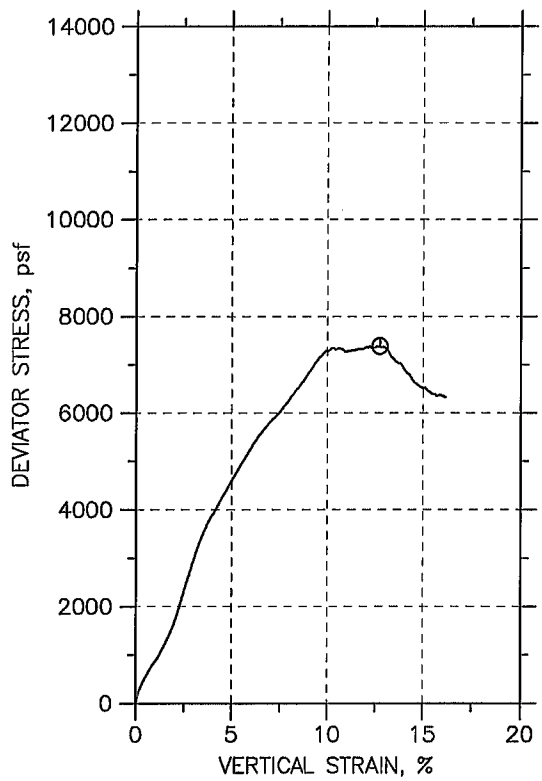


Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:13:49

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0296-04			
Test No.	UU-5			
Depth	25-27 ft			
Tested by	md			
Test Date	02/27/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	6			
Water Content, %	64.1			
Dry Density, pcf	55.78			
Saturation, %	86.7			
Void Ratio	1.94			
Confining Stress, psf	2000			
Undrained Strength, psf	3693			
Max. Dev. Stress, psf	7387			
Strain at Failure, %	12.7			
Strain Rate, %/min	1			
Measured Specific Gravity	2.63			
Liquid Limit	195			
Plastic Limit	144			
Plasticity Index	51			

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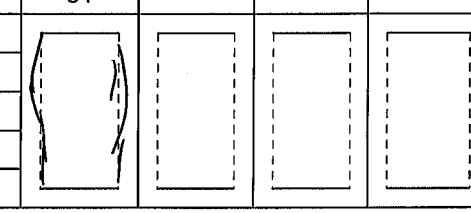
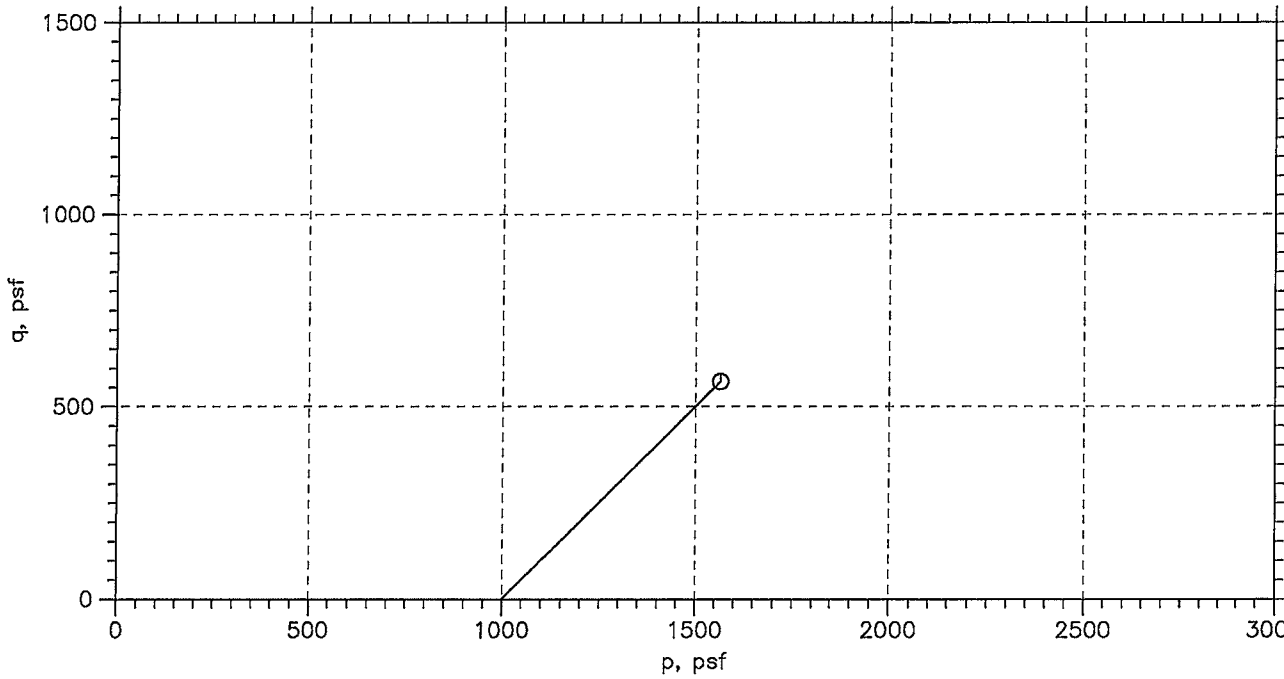
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: PZ13-05
Sample Type: tube
Description: Moist, light gray silt
Remarks: System A

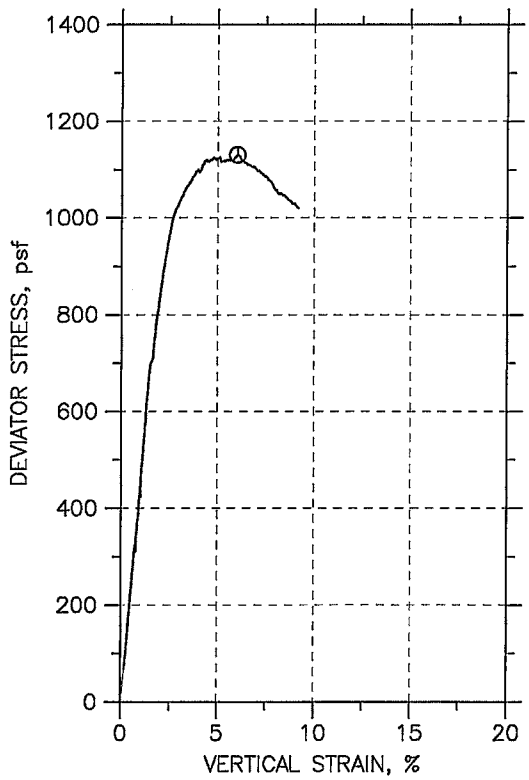


Phase calculations based on start and end of test.

Wed, 16-MAY-2007 08:23:57

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0297-02			
Test No.	UU-12			
Depth	10-12 ft			
Tested by	md			
Test Date	02/28/07			
Checked by	jdt			
Check Date				
Diameter, in	2.87			
Height, in	6.3			
Water Content, %	190.9			
Dry Density, pcf	27.02			
Saturation, %	99.6			
Void Ratio	4.87			
Confining Stress, psf	1000			
Undrained Strength, psf	565.4			
Max. Dev. Stress, psf	1131			
Strain at Failure, %	6.03			
Strain Rate, %/min	1			
Measured Specific Gravity	2.54			
Liquid Limit	131			
Plastic Limit	100			
Plasticity Index	31			

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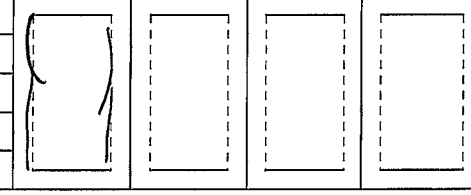
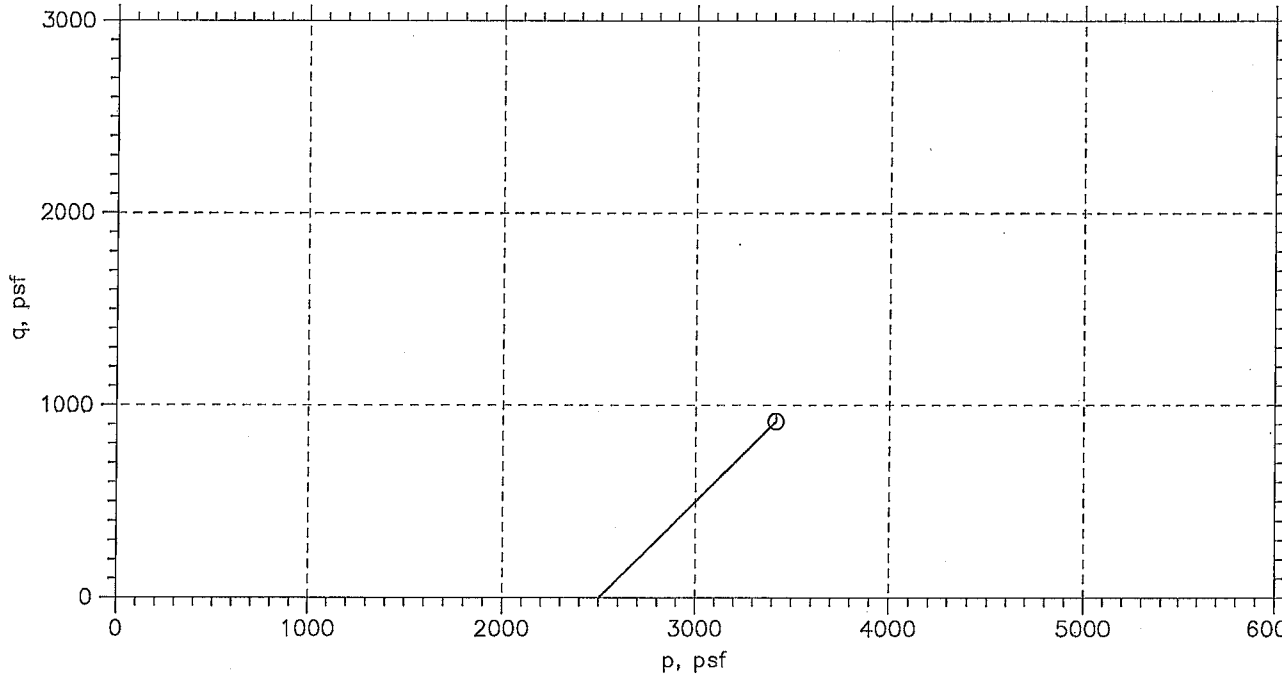
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-01
Sample Type: tube
Description: Moist, light gray silt
Remarks: System A

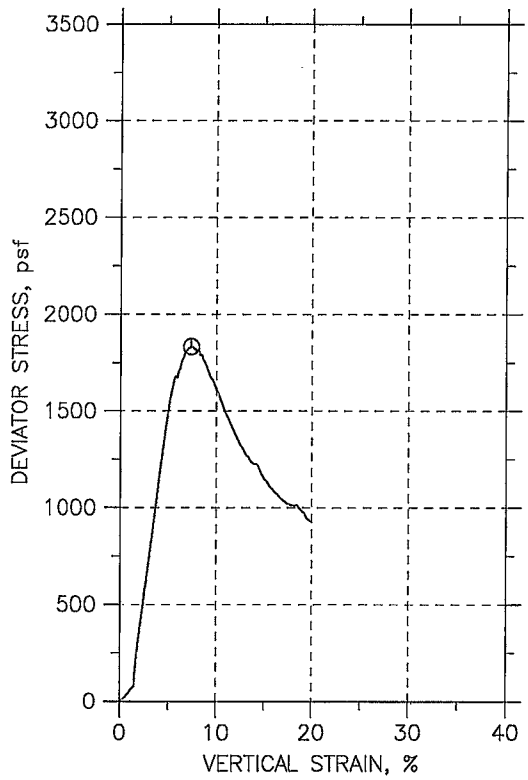


Phase calculations based on start and end of test.

Wed, 16-MAY-2007 08:27:31

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0297-05			
Test No.	UU-9			
Depth	28-30 ft			
Tested by	md			
Test Date	02/27/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	5.8			
Water Content, %	120.4			
Dry Density, pcf	35.53			
Saturation, %	88.0			
Void Ratio	3.52			
Confining Stress, psf	2500			
Undrained Strength, psf	916.4			
Max. Dev. Stress, psf	1833			
Strain at Failure, %	7.34			
Strain Rate, %/min	1			
Measured Specific Gravity	2.57			
Liquid Limit	145			
Plastic Limit	114			
Plasticity Index	31			

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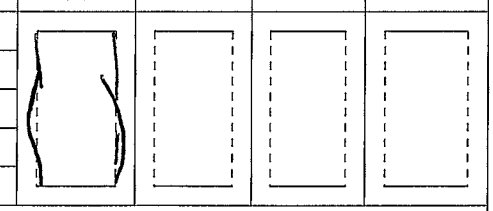
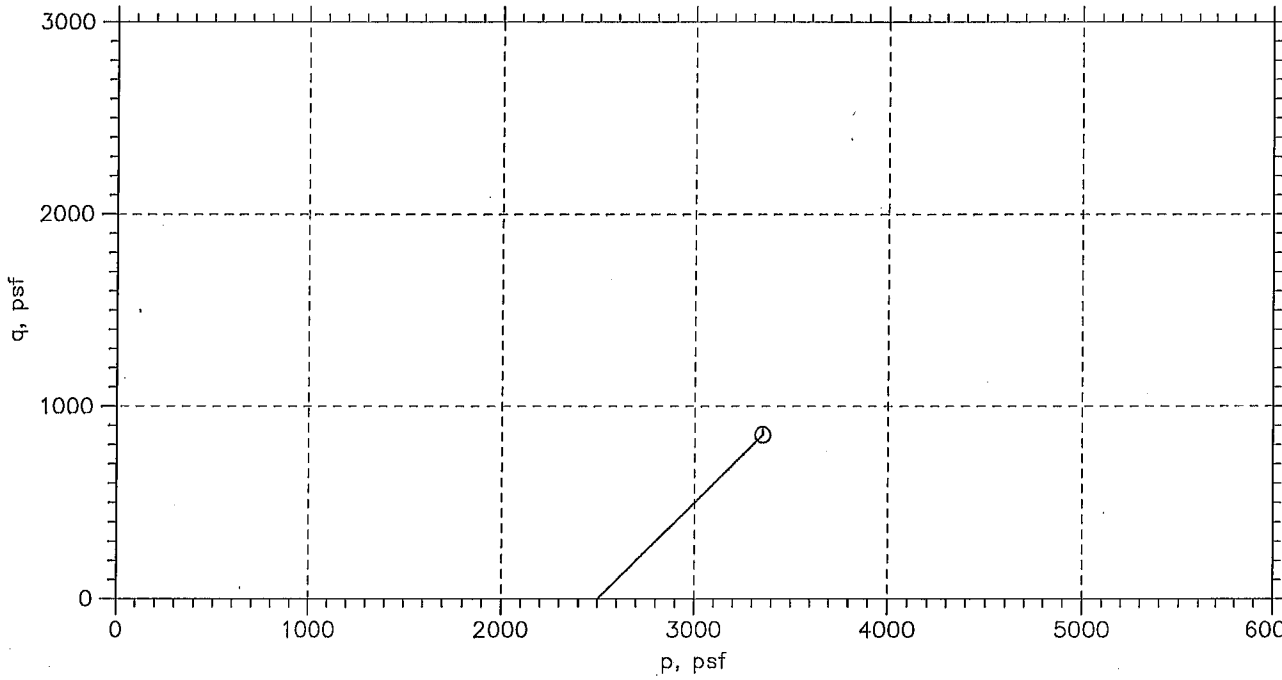
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-01
Sample Type: tube
Description: Moist, dark gray sandy silt with gravel
Remarks: System A

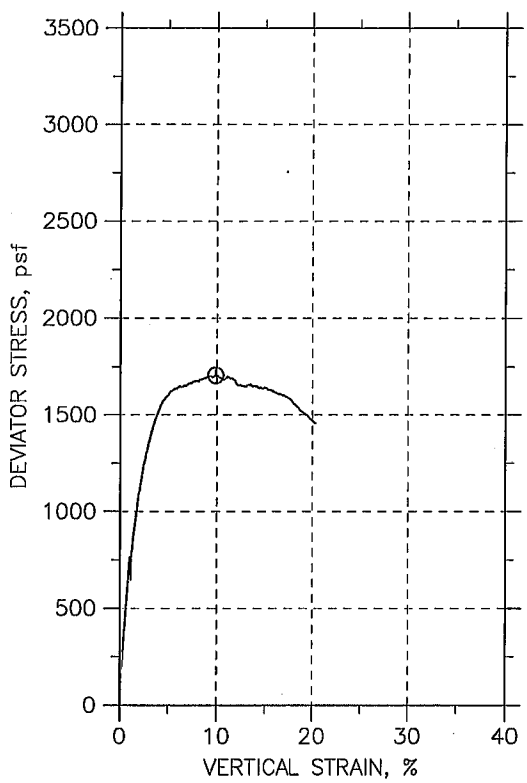


Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:09:21

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0297-15			
Test No.	UU-3			
Depth	32-34 ft			
Tested by	md			
Test Date	01/30/07			
Checked by	jdt			
Check Date				
Diameter, in	2.87			
Height, in	6.2			
Water Content, %	318.1			
Dry Density, pcf	17.47			
Saturation, %	100.0			
Void Ratio	8.11			
Confining Stress, psf	2500			
Undrained Strength, psf	852.3			
Max. Dev. Stress, psf	1705			
Strain at Failure, %	9.89			
Strain Rate, %/min	1			
Measured Specific Gravity	2.55			
Liquid Limit	227			
Plastic Limit	159			
Plasticity Index	68			

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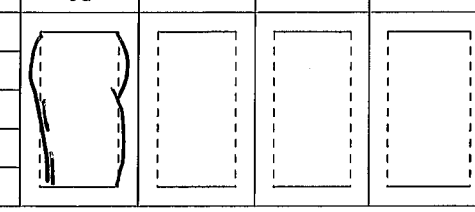
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-03
Sample Type: tube

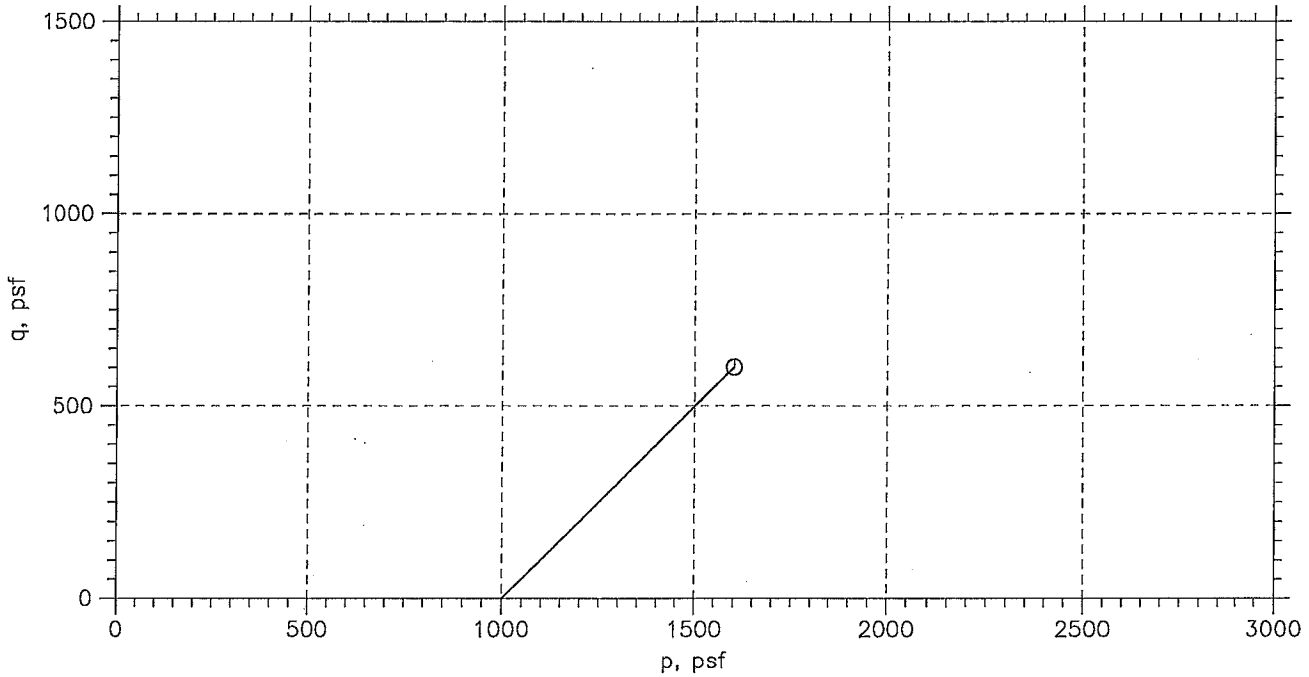


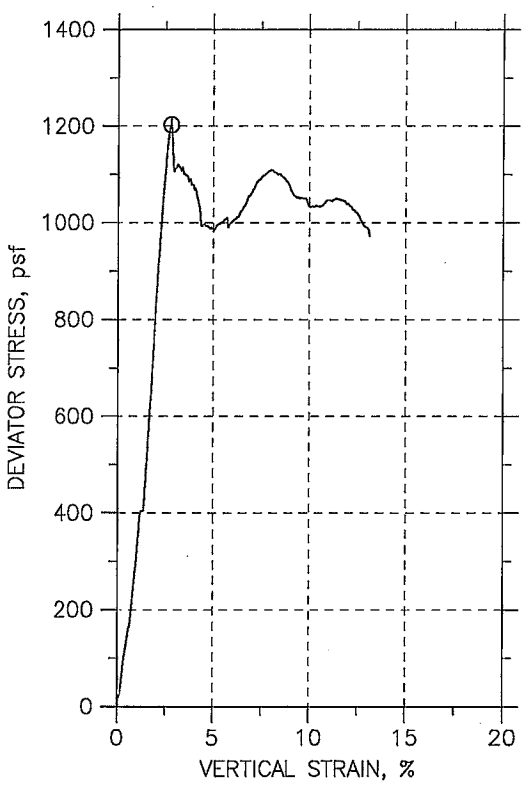
Description: Moist, mottled light bluish gray and white silt
Remarks: System A

Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:05:19

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0297-18			
Test No.	UU-4			
Depth	12-14 ft			
Tested by	md			
Test Date	02/27/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	6.1			
Water Content, %	259.9			
Dry Density, pcf	18.15			
Saturation, %	85.0			
Void Ratio	8.05			
Confining Stress, psf	1000			
Undrained Strength, psf	601.6			
Max. Dev. Stress, psf	1203			
Strain at Failure, %	2.78			
Strain Rate, %/min	1			
Measured Specific Gravity	2.63			
Liquid Limit	177			
Plastic Limit	129			
Plasticity Index	48			

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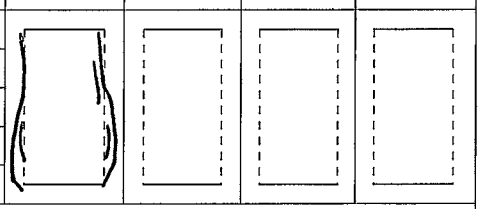
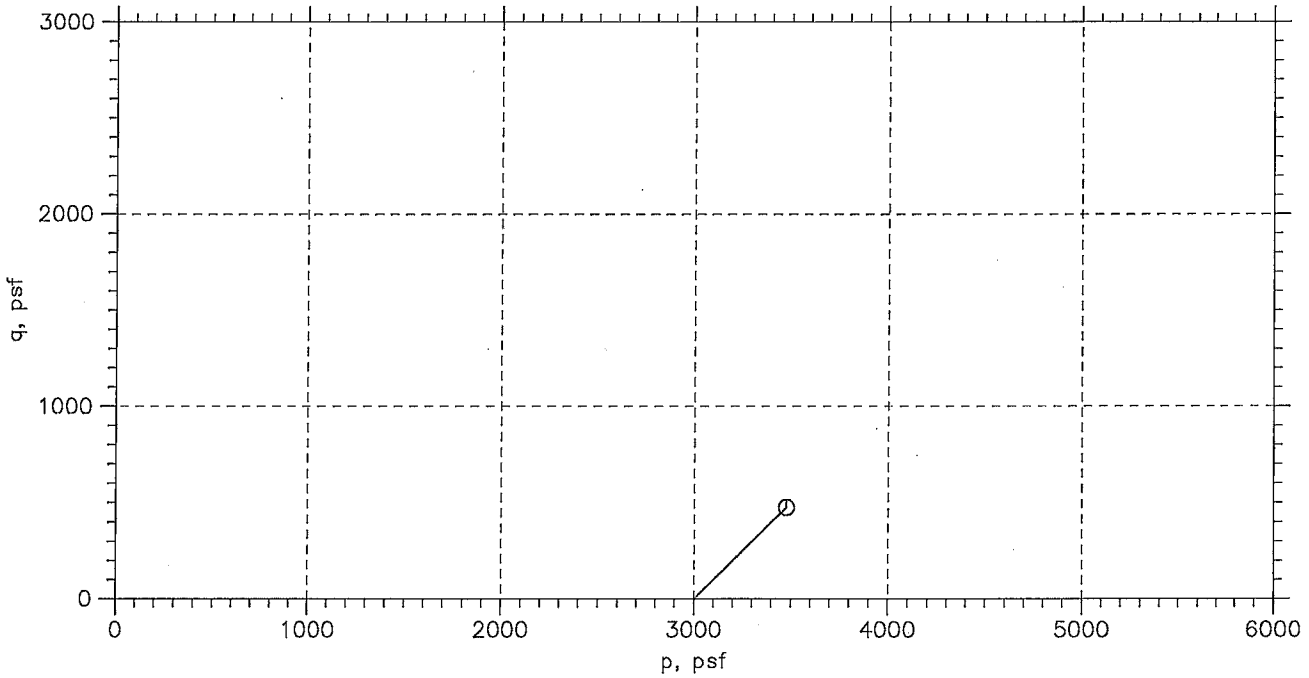
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-04A
Sample Type: tube
Description: Moist, light gray silt
Remarks: System A

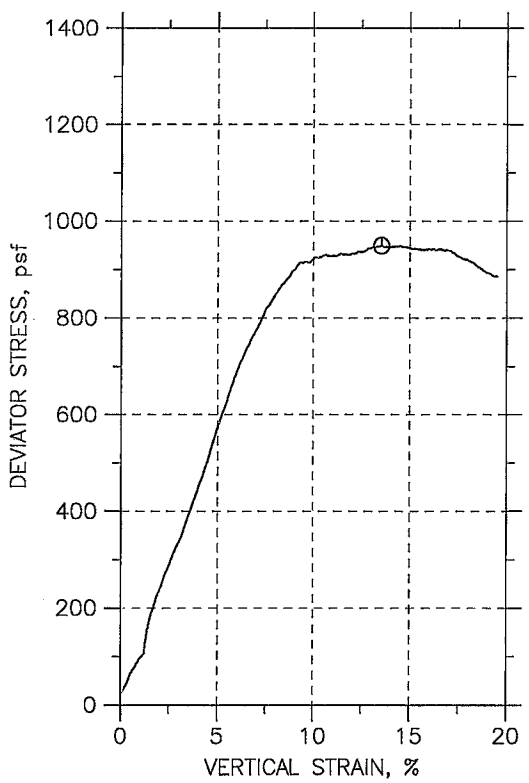


Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:06:21

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0297-20			
Test No.	UU-10			
Depth	38-40 ft			
Tested by	md			
Test Date	02/28/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	6.1			
Water Content, %	189.0			
Dry Density, pcf	27.35			
Saturation, %	100.0			
Void Ratio	4.82			
Confining Stress, psf	3000			
Undrained Strength, psf	474.9			
Max. Dev. Stress, psf	949.7			
Strain at Failure, %	13.5			
Strain Rate, %/min	1			
Measured Specific Gravity	2.55			
Liquid Limit	129			
Plastic Limit	100			
Plasticity Index	29			

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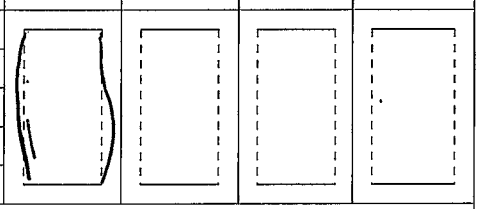
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-04A
Sample Type: tube

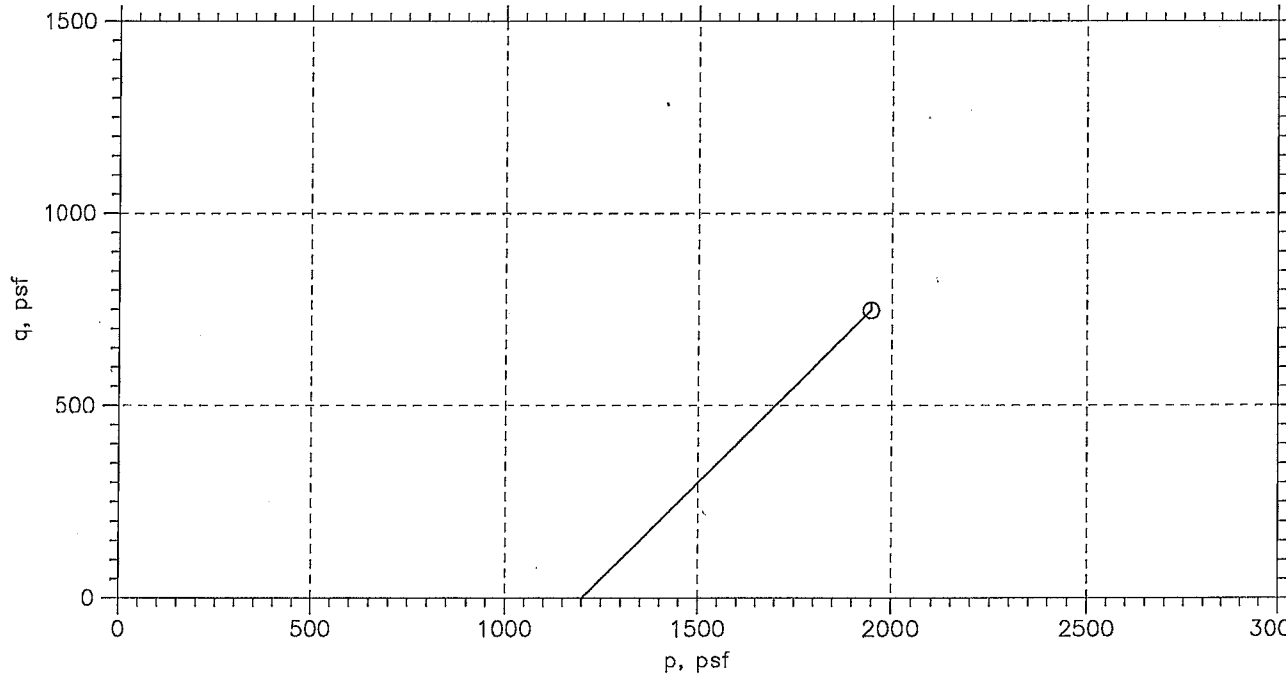


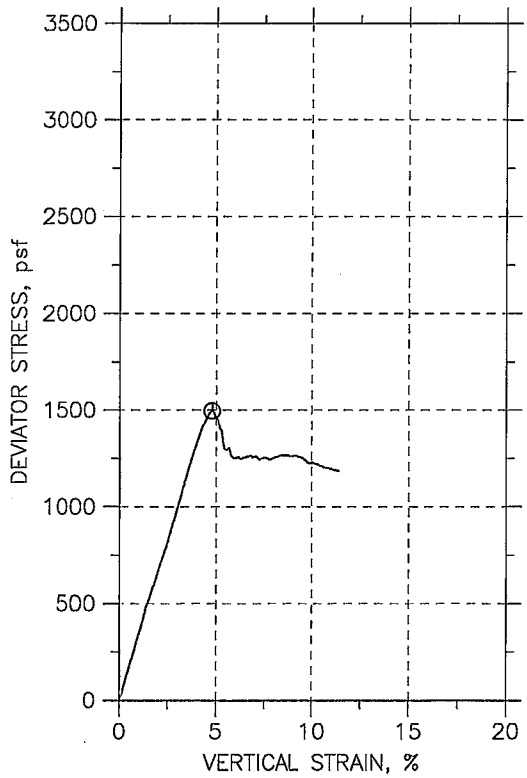
Description: Moist, very dark gray sandy silt
Remarks: System A

Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:11:14

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0298-04			
Test No.	UU-1			
Depth	14-16 ft			
Tested by	md			
Test Date	01/30/07			
Checked by	jdt			
Check Date				
Diameter, in	2.87			
Height, in	6.1			
Water Content, %	300.0			
Dry Density, pcf	18.27			
Saturation, %	98.8			
Void Ratio	7.95			
Confining Stress, psf	1200			
Undrained Strength, psf	747.7			
Max. Dev. Stress, psf	1495			
Strain at Failure, %	4.79			
Strain Rate, %/min	1			
Measured Specific Gravity	2.62			
Liquid Limit	158			
Plastic Limit	119			
Plasticity Index	39			

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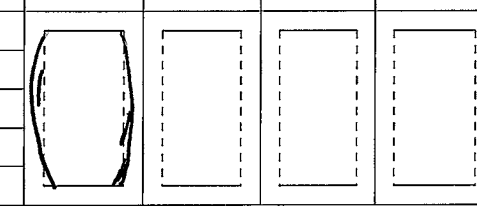
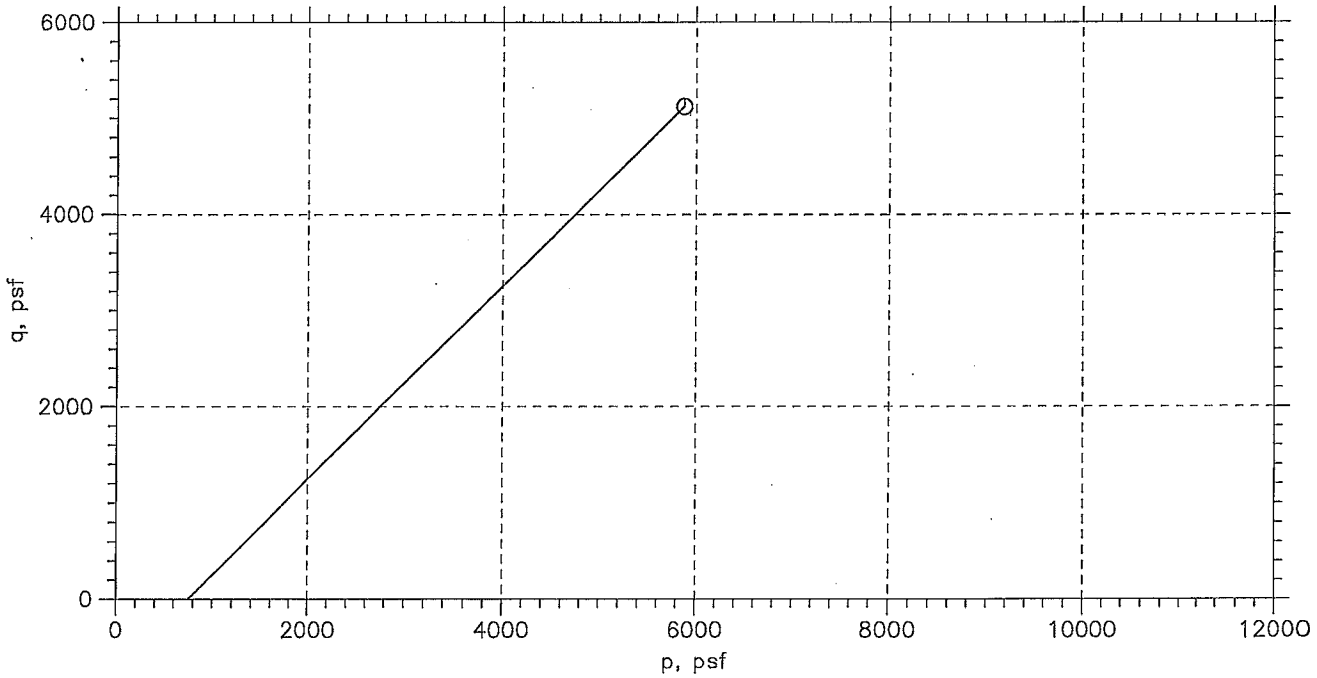
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-05
Sample Type: tube
Description: Moist, mottled white and gray silt
Remarks: System A

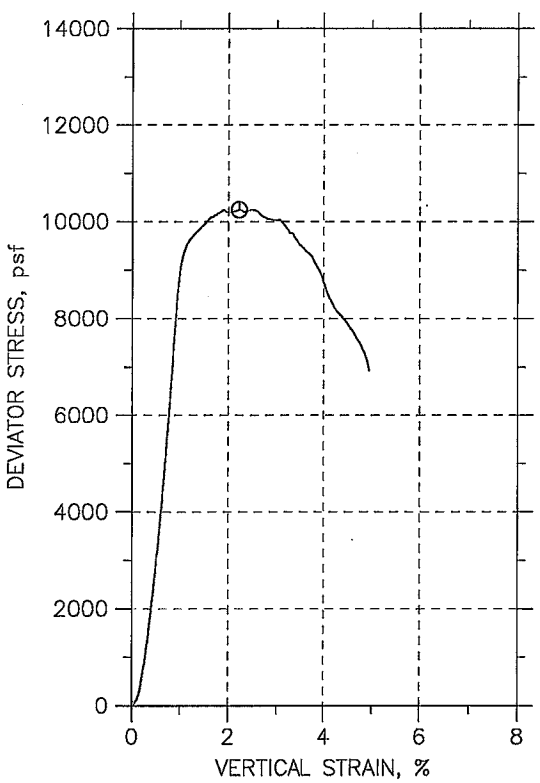


Phase calculations based on start and end of test.

Mon, 09-APR-2007 12:59:52

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0298-12			
Test No.	UU-11			
Depth	8-10 ft			
Tested by	md			
Test Date	02/28/07			
Checked by	jdt			
Check Date				
Diameter, in	2.87			
Height, in	6.2			
Water Content, %	98.3			
Dry Density, pcf	46.13			
Saturation, %	100.0			
Void Ratio	2.65			
Confining Stress, psf	750			
Undrained Strength, psf	5125			
Max. Dev. Stress, psf	1.025e+004			
Strain at Failure, %	2.22			
Strain Rate, %/min	1			
Measured Specific Gravity	2.7			
Liquid Limit	---			
Plastic Limit	---			
Plasticity Index	---			

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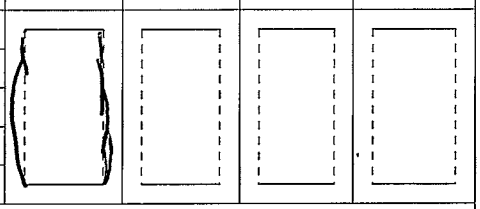
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-06
Sample Type: tube

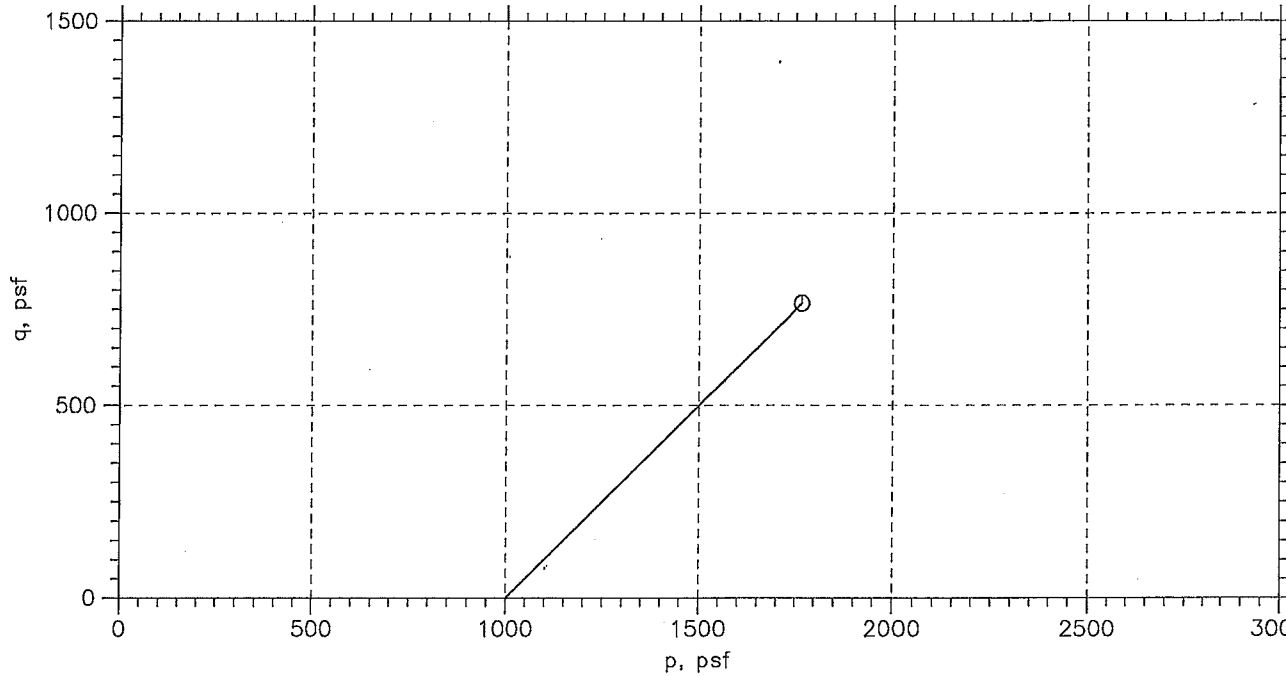


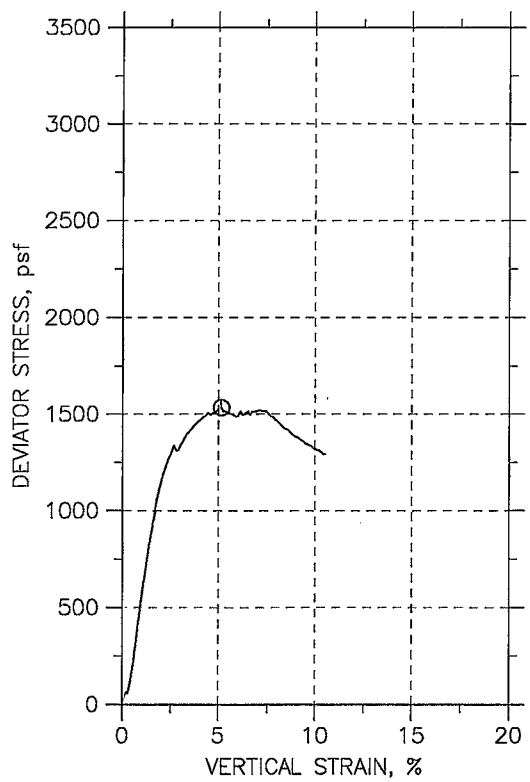
Description: Moist, gray silty sand with gravel
Remarks: System A

Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:11:59

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0299-07			
Test No.	UU-15			
Depth	10-12 ft			
Tested by	md			
Test Date	03/02/07			
Checked by	jdt			
Check Date				
Diameter, in	2.87			
Height, in	5.9			
Water Content, %	218.8			
Dry Density, pcf	24.07			
Saturation, %	100.0			
Void Ratio	5.4			
Confining Stress, psf	1000			
Undrained Strength, psf	766.6			
Max. Dev. Stress, psf	1533			
Strain at Failure, %	5.14			
Strain Rate, %/min	1			
Measured Specific Gravity	2.47			
Liquid Limit	120			
Plastic Limit	93			
Plasticity Index	27			

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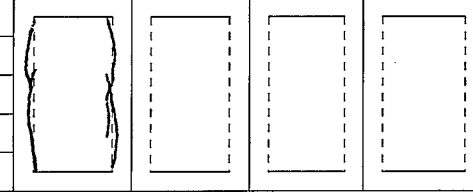
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-09
Sample Type: tube

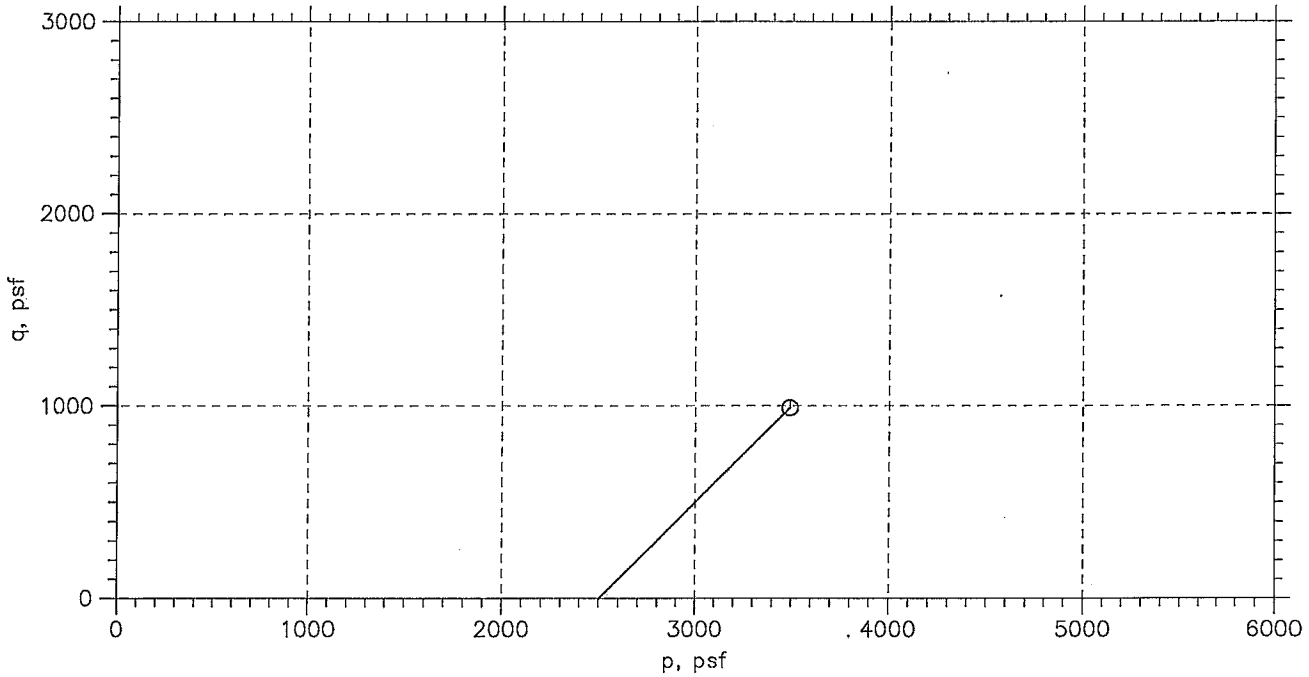


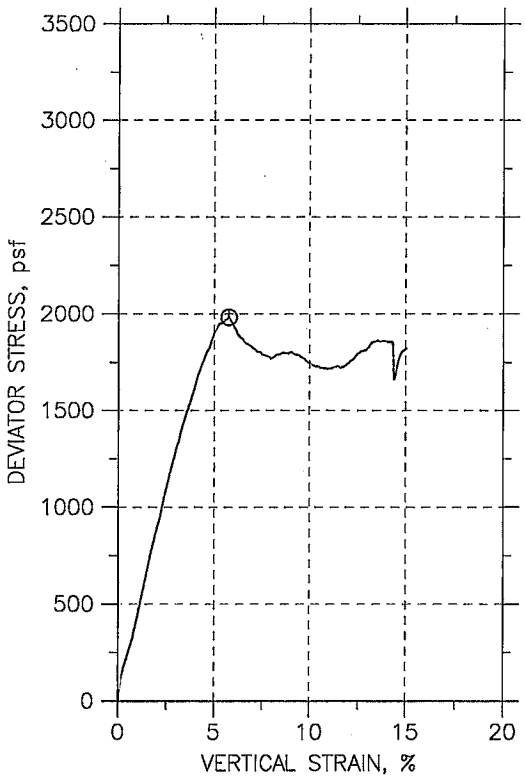
Description: Moist, light gray sandy silt with gravel
Remarks: System A

Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:15:54

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0299-09			
Test No.	UU-2			
Depth	30-32 ft			
Tested by	md			
Test Date	01/30/07			
Checked by	jdt			
Check Date				
Diameter, in	2.87			
Height, in	6.3			
Water Content, %	135.1			
Dry Density, pcf	36.07			
Saturation, %	100.0			
Void Ratio	3.55			
Confining Stress, psf	2500			
Undrained Strength, psf	991			
Max. Dev. Stress, psf	1982			
Strain at Failure, %	5.76			
Strain Rate, %/min	1			
Measured Specific Gravity	2.63			
Liquid Limit	151			
Plastic Limit	120			
Plasticity Index	31			

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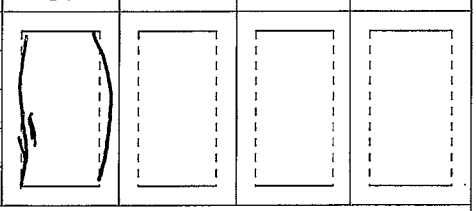
Project: Onondaga
Location: Syracuse NY
Project No.: GTX-7143
Boring No.: SB13-09
Sample Type: tube

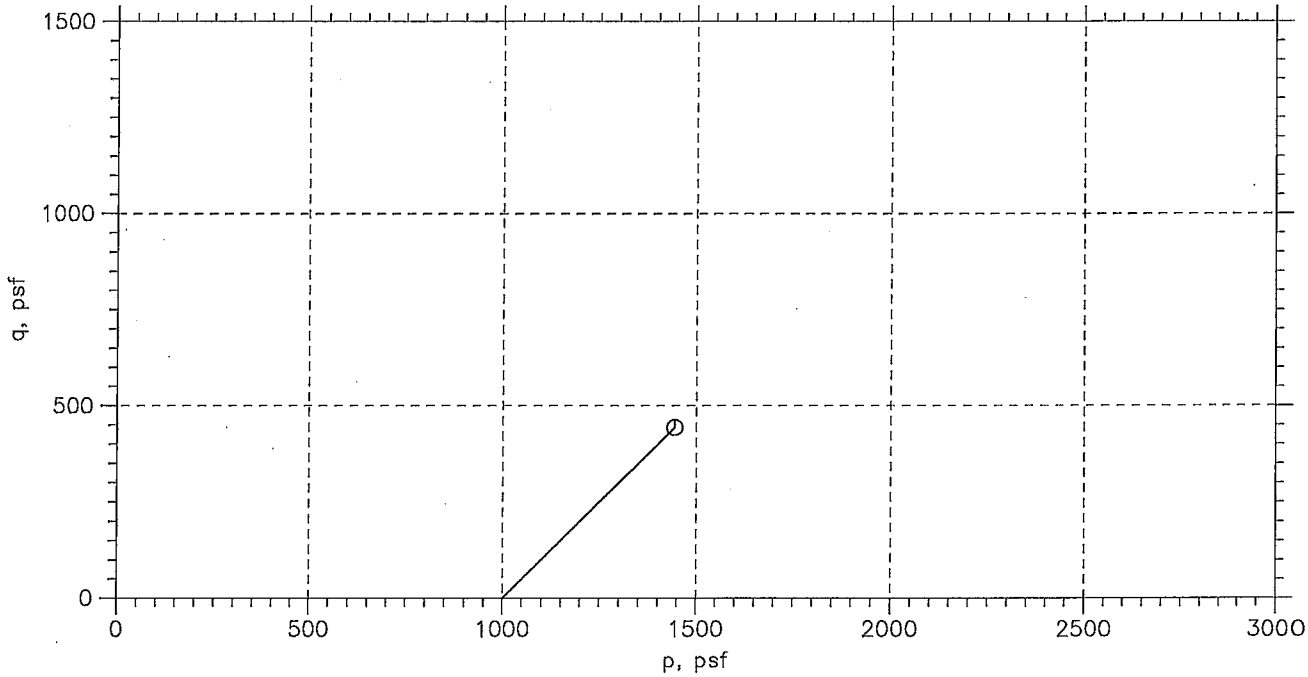


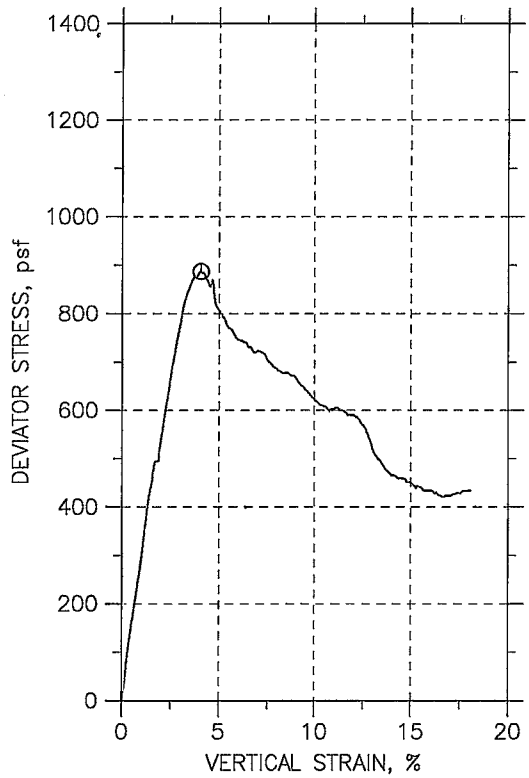
Description: Moist, mottled white and bluish gray gravel with silt and sand
Remarks: System A

Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:04:33

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0300-12			
Test No.	UU-13			
Depth	10-12 ft			
Tested by	md			
Test Date	02/28/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	6.1			
Water Content, %	244.7			
Dry Density, pcf	21.01			
Saturation, %	95.7			
Void Ratio	6.16			
Confining Stress, psf	1000			
Undrained Strength, psf	443.7			
Max. Dev. Stress, psf	887.3			
Strain at Failure, %	4.07			
Strain Rate, %/min	1			
Measured Specific Gravity	2.41			
Liquid Limit	171			
Plastic Limit	125			
Plasticity Index	46			

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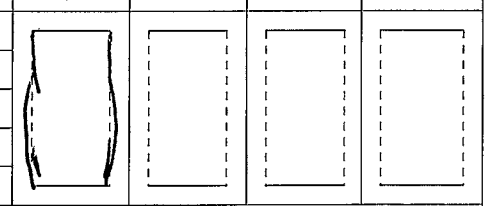
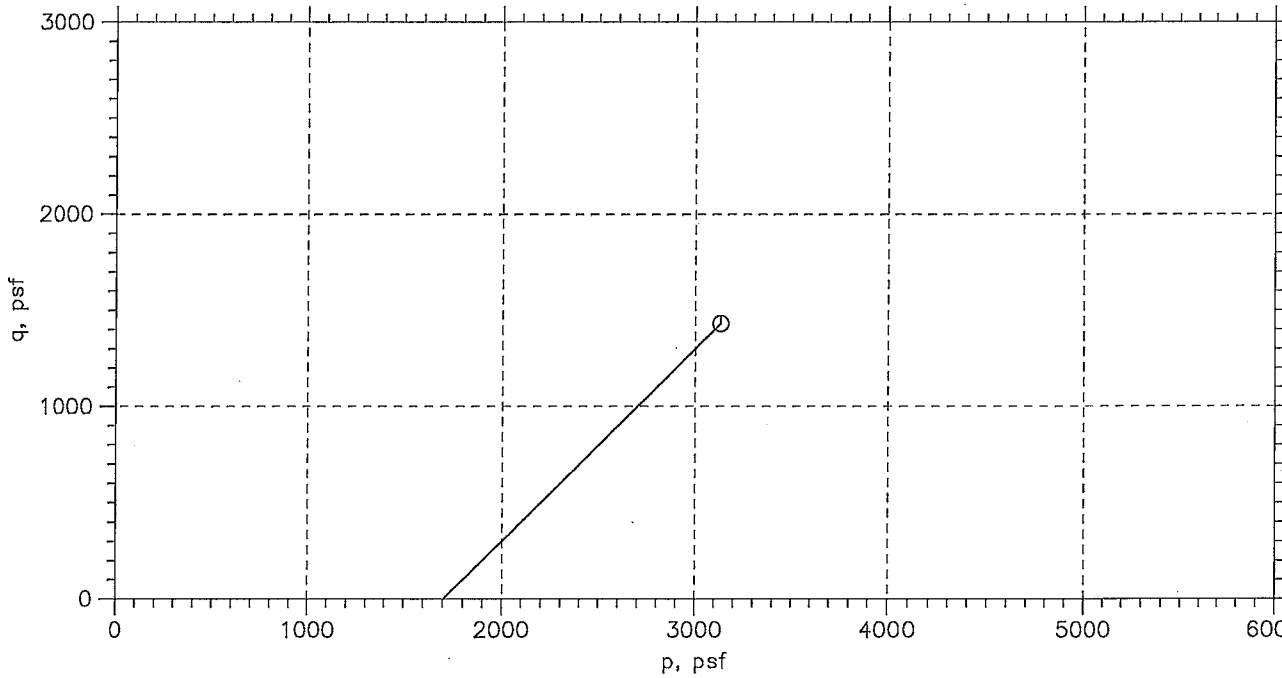
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-13
Sample Type: tube
Description: Moist, dark gray silt
Remarks: System A

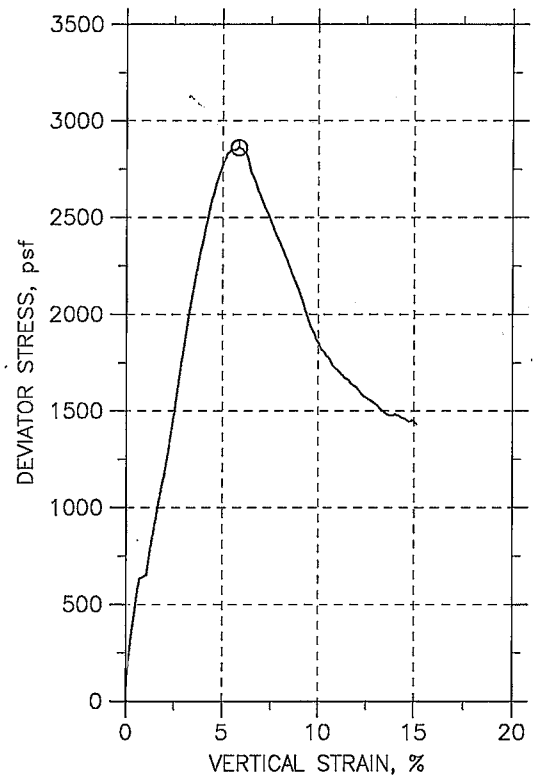


Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:12:55

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D2850





Symbol	⦶			
Sample No.	0300-14			
Test No.	UU-6			
Depth	20-22 ft			
Tested by	md			
Test Date	02/27/07			
Checked by	jdt			
Check Date				
Diameter, in	2.86			
Height, in	6			
Water Content, %	71.4			
Dry Density, pcf	54.84			
Saturation, %	94.0			
Void Ratio	2.01			
Confining Stress, psf	1700			
Undrained Strength, psf	1431			
Max. Dev. Stress, psf	2862			
Strain at Failure, %	5.84			
Strain Rate, %/min	1			
Measured Specific Gravity	2.64			
Liquid Limit	80			
Plastic Limit	68			
Plasticity Index	12			

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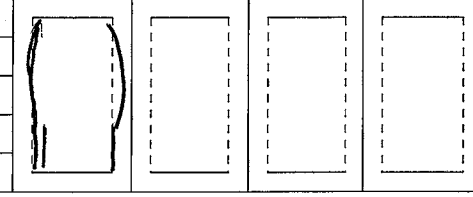
Project: Onondaga
Location: Syracuse, NY
Project No.: GTX-7143
Boring No.: SB13-13
Sample Type: tube
Description: Moist, gray silty sand
Remarks: System A

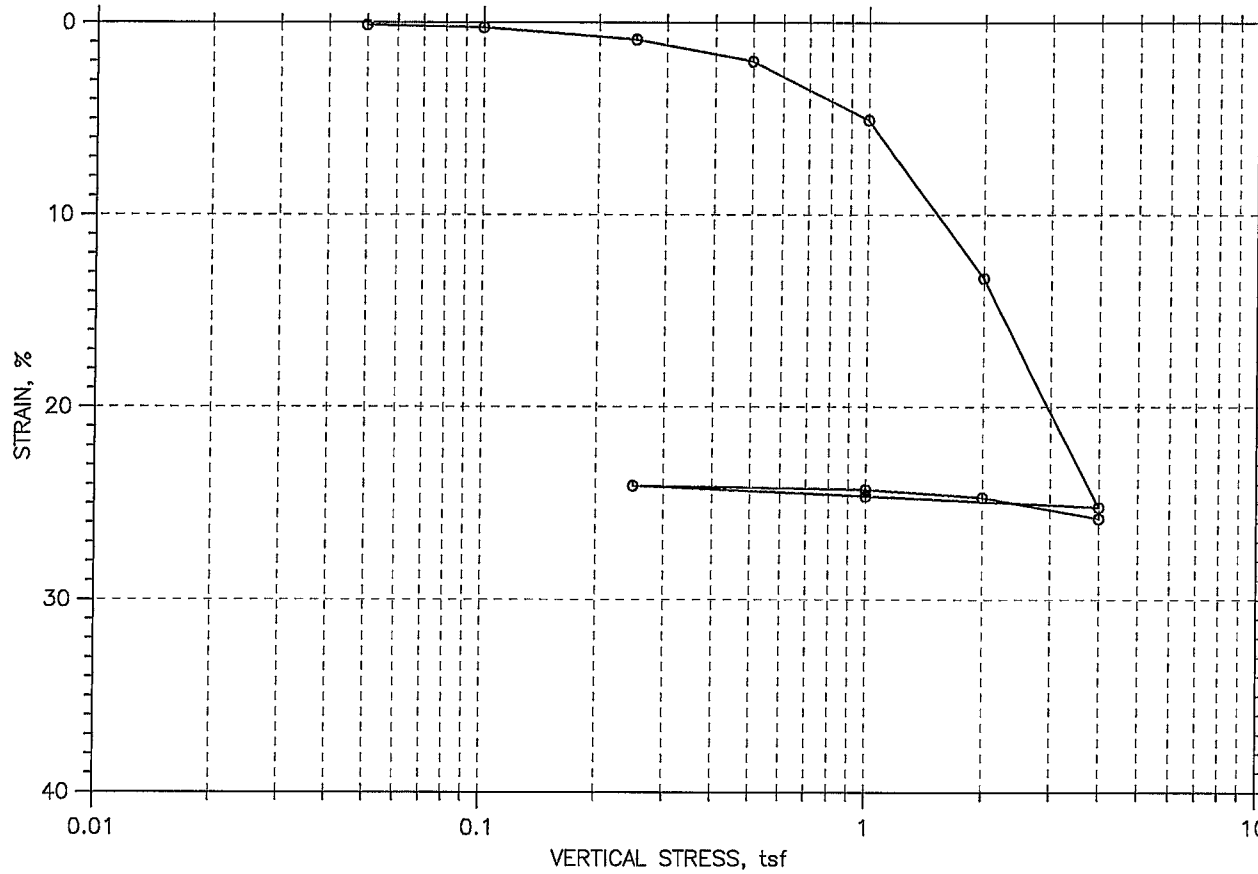


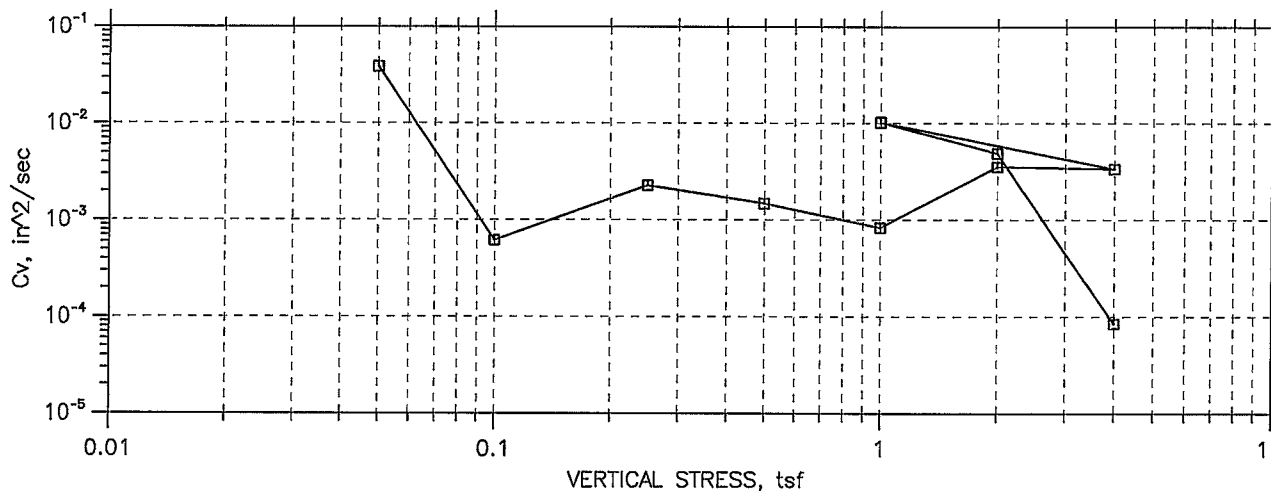
Phase calculations based on start and end of test.

Mon, 09-APR-2007 13:07:27

CONSOLIDATION TEST DATA

SUMMARY REPORT



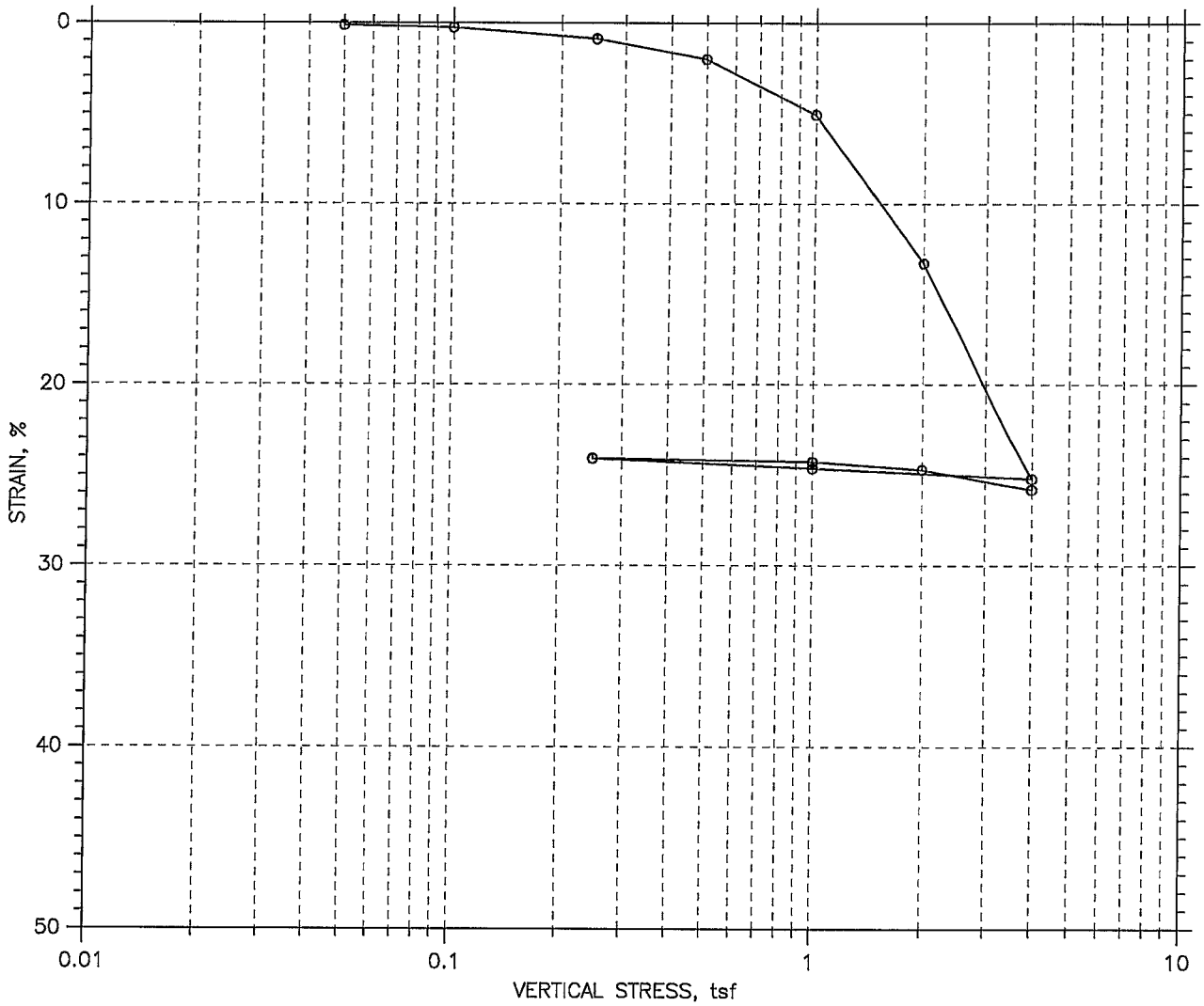


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

Wed, 16-MAY-2007 07:18:05

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	236.08	196.75
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	19.18	25.85
Compression Index: ---				Saturation, %	82.25	96.88
Diameter: 2.5 in		Height: 1 in		Void Ratio	7.46	5.28
LL: 102	PL: 84	PI: 18	GS: 2.60			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

Wed, 16-MAY-2007 07:18:05

CONSOLIDATION TEST DATA

Project: Onandaga
Boring No.: PZ-13-02
Sample No.: 0295-06
Test No.: C-24

Location: Syracuse, NY
Tested By: md
Test Date: 04/27/2007
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, light gray silt with sand
Remarks: System C

Measured Specific Gravity: 2.60
Initial Void Ratio: 7.46
Final Void Ratio: 5.28

Liquid Limit: 102
Plastic Limit: 84
Plasticity Index: 18

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Gorax	RING		
Wt. Container + Wet Soil, gm	98.02	192.18	182.46	81.23
Wt. Container + Dry Soil, gm	37.13	133.83	133.83	32.75
Wt. Container, gm	8.11	109.12	109.12	8.11
Wt. Dry Soil, gm	29.02	24.714	24.714	24.64
Water Content, %	209.82	236.08	196.75	196.75
Void Ratio	---	7.46	5.28	---
Degree of Saturation, %	---	82.25	96.88	---
Dry Unit Weight, pcf	---	19.18	25.845	---

CONSOLIDATION TEST DATA

Project: Onandaga
Boring No.: PZ-13-02
Sample No.: 0295-06
Test No.: C-24

Location: Syracuse, NY
Tested By: md
Test Date: 04/27/2007
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, light gray silt with sand
Remarks: System C

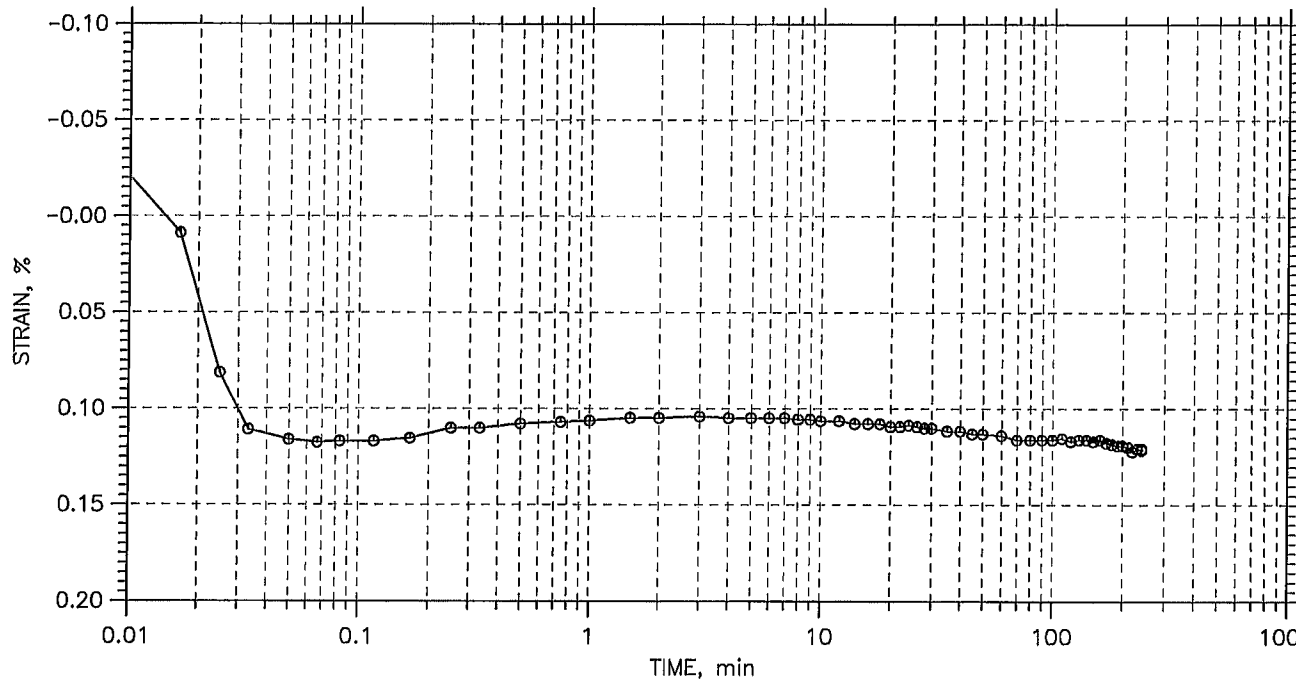
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.001205	7.452	0.12	0.0	0.0	3.87e-002	0.00e+000	3.87e-002
2	0.1	0.002484	7.441	0.25	1.3	0.0	6.16e-004	0.00e+000	6.16e-004
3	0.25	0.008736	7.389	0.87	0.4	0.0	2.28e-003	0.00e+000	2.28e-003
4	0.5	0.02004	7.293	2.00	0.5	0.0	1.48e-003	0.00e+000	1.48e-003
5	1	0.05069	7.034	5.07	0.9	0.0	8.38e-004	0.00e+000	8.38e-004
6	2	0.1328	6.338	13.28	0.3	0.0	1.97e-003	1.90e-002	3.57e-003
7	4	0.252	5.330	25.20	0.3	0.1	2.08e-003	9.06e-003	3.38e-003
8	1	0.2463	5.378	24.63	0.0	0.0	1.02e-001	0.00e+000	1.02e-001
9	0.25	0.2408	5.424	24.08	1.3	0.0	3.52e-004	0.00e+000	3.52e-004
10	1	0.2428	5.408	24.28	0.0	0.0	1.02e-002	0.00e+000	1.02e-002
11	2	0.2469	5.373	24.69	0.1	0.0	4.92e-003	0.00e+000	4.92e-003
12	4	0.2579	5.280	25.79	5.4	0.0	8.50e-005	0.00e+000	8.50e-005

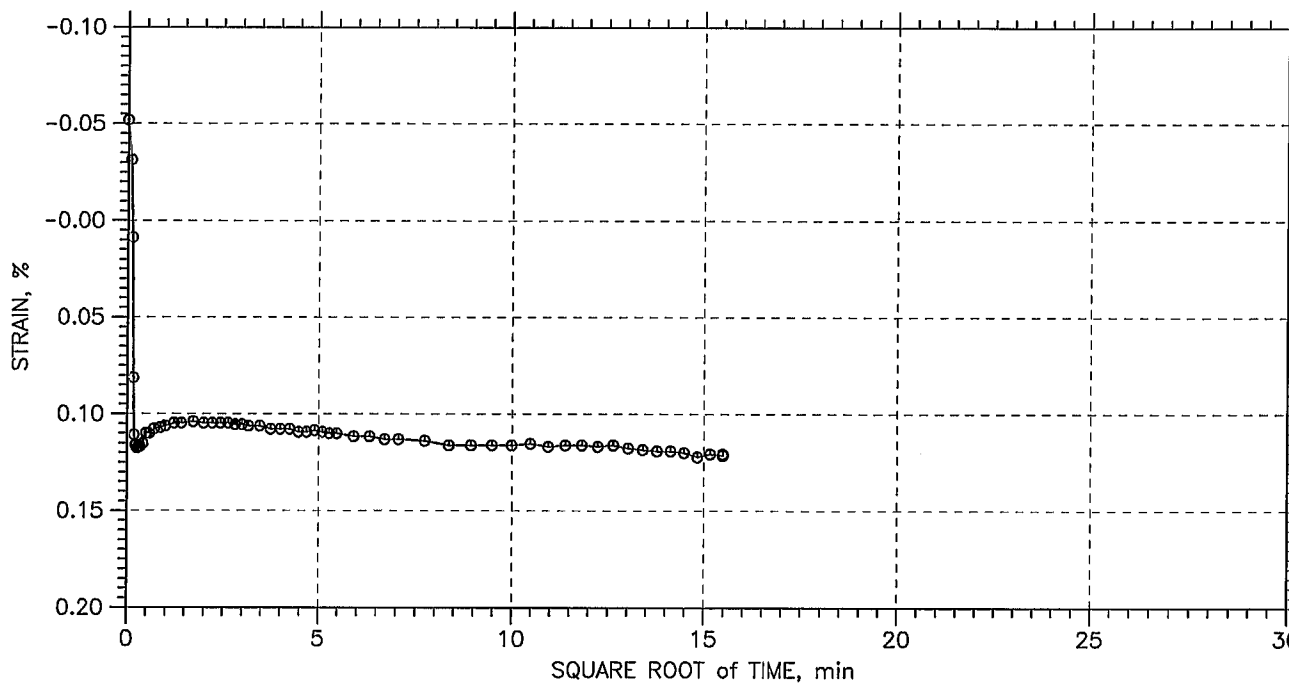
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

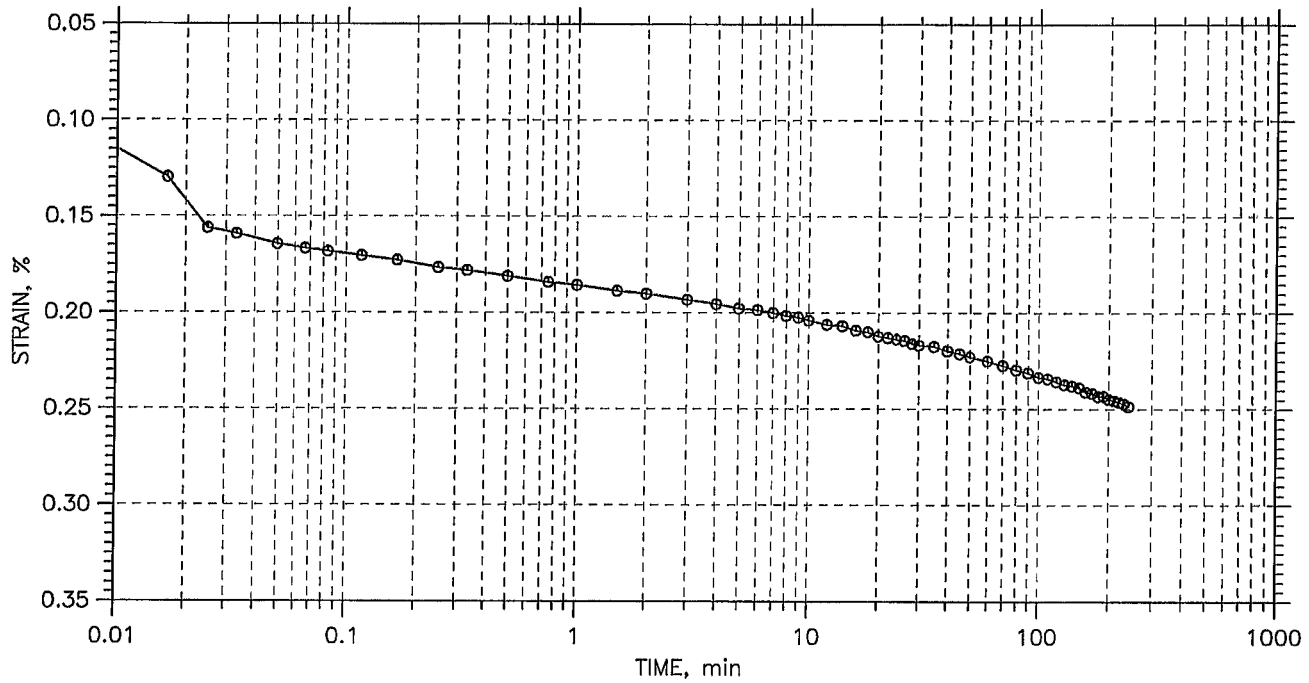
Wed, 16-MAY-2007 07:18:05

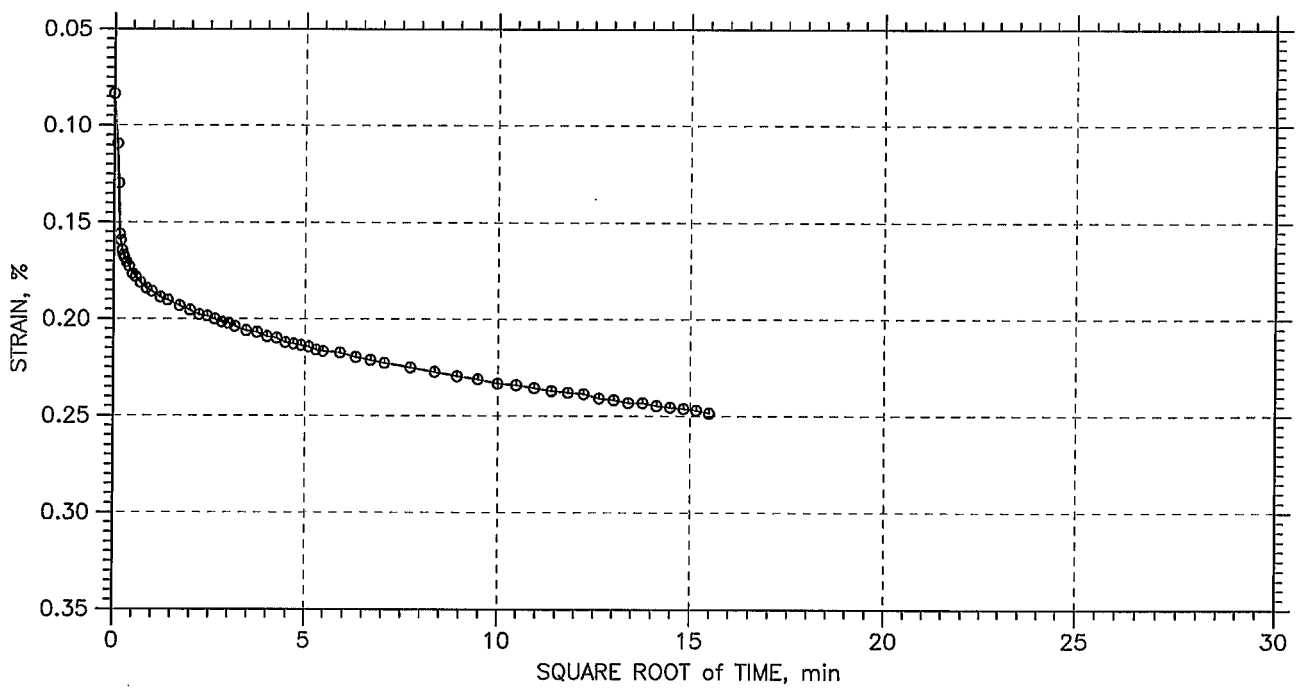
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

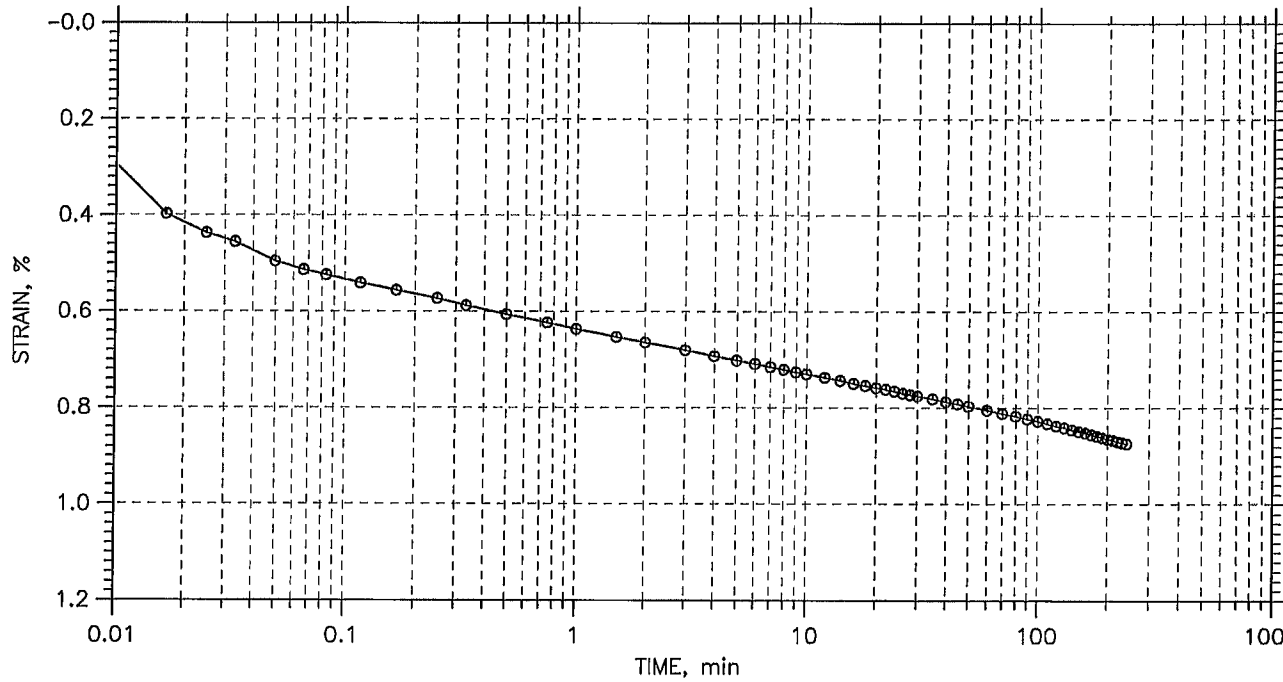
Wed, 16-MAY-2007 07:18:05

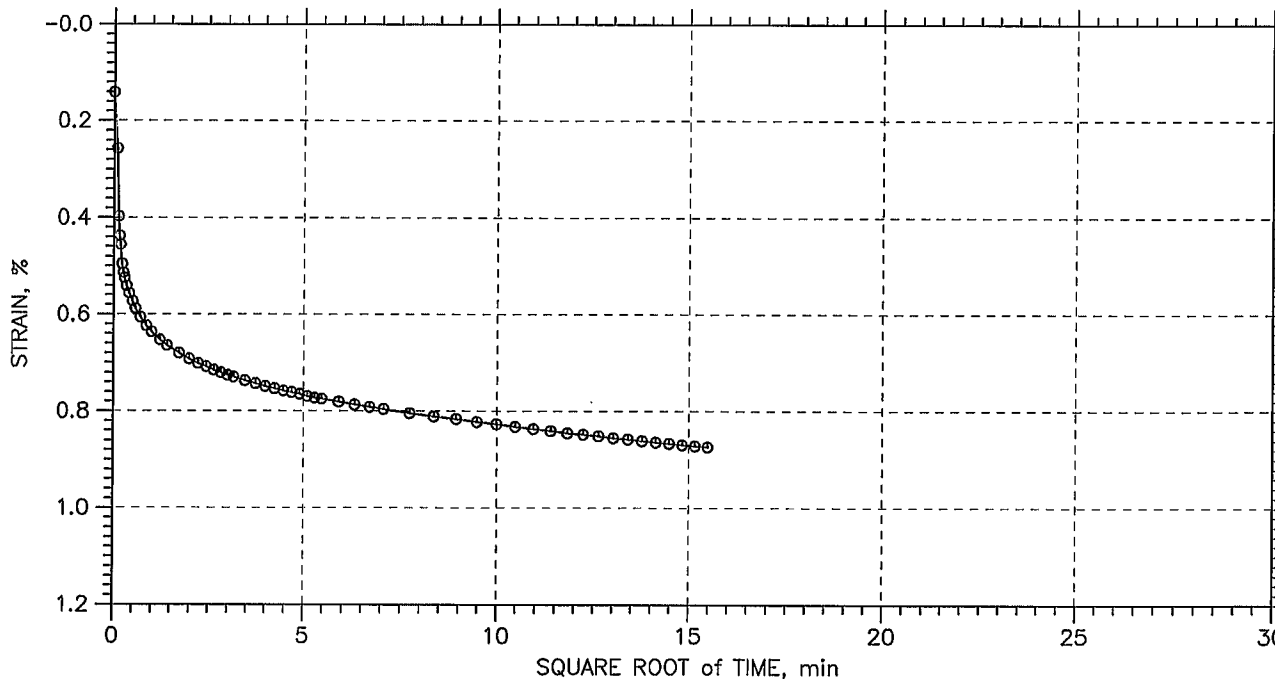
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

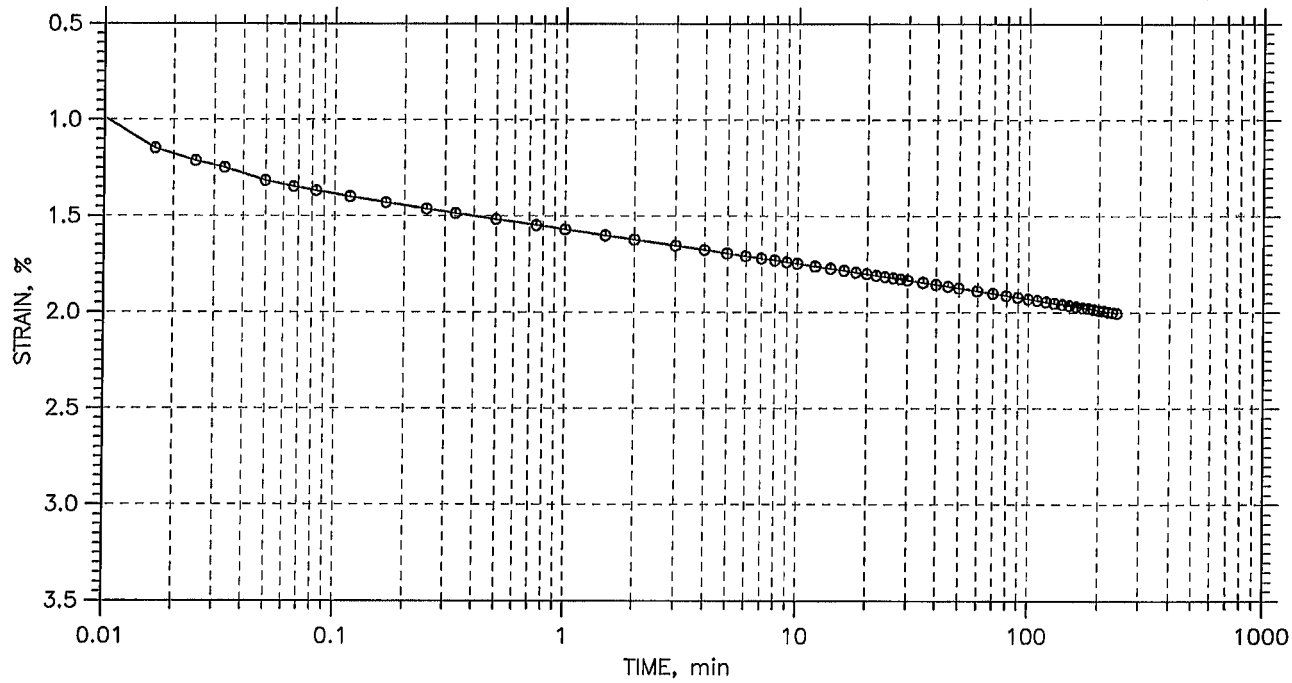
Wed, 16-MAY-2007 07:18:05

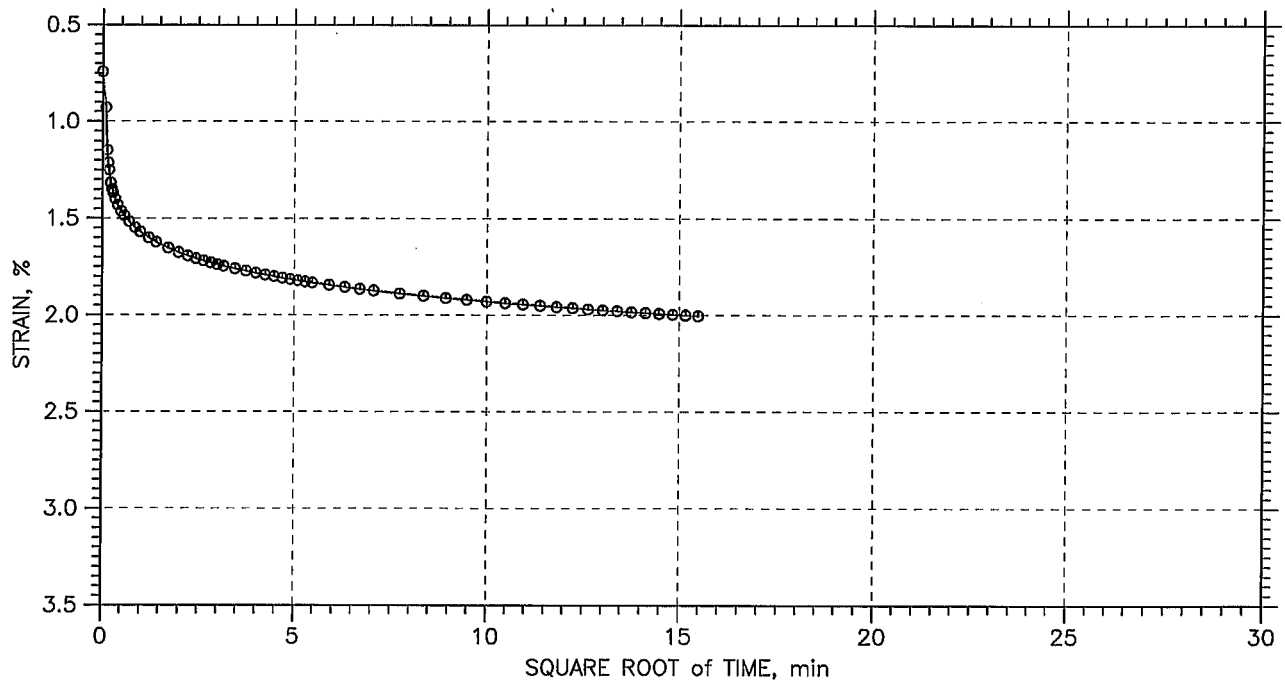
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

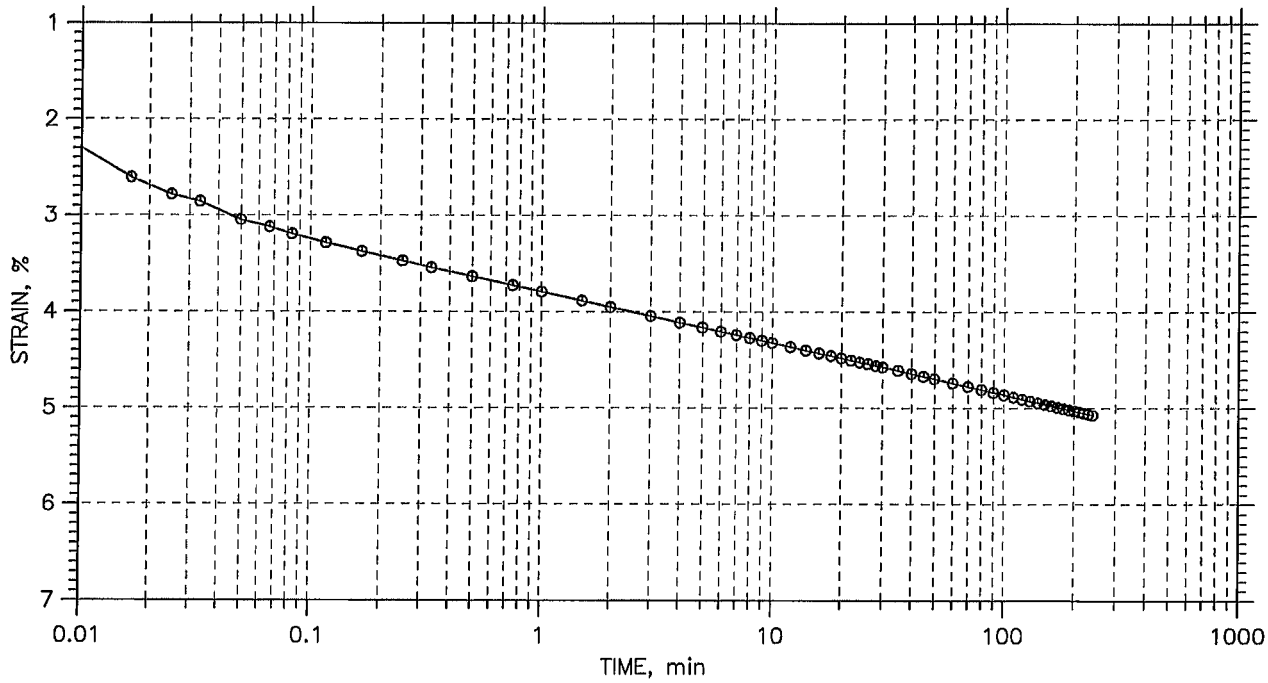
Wed, 16-MAY-2007 07:18:05

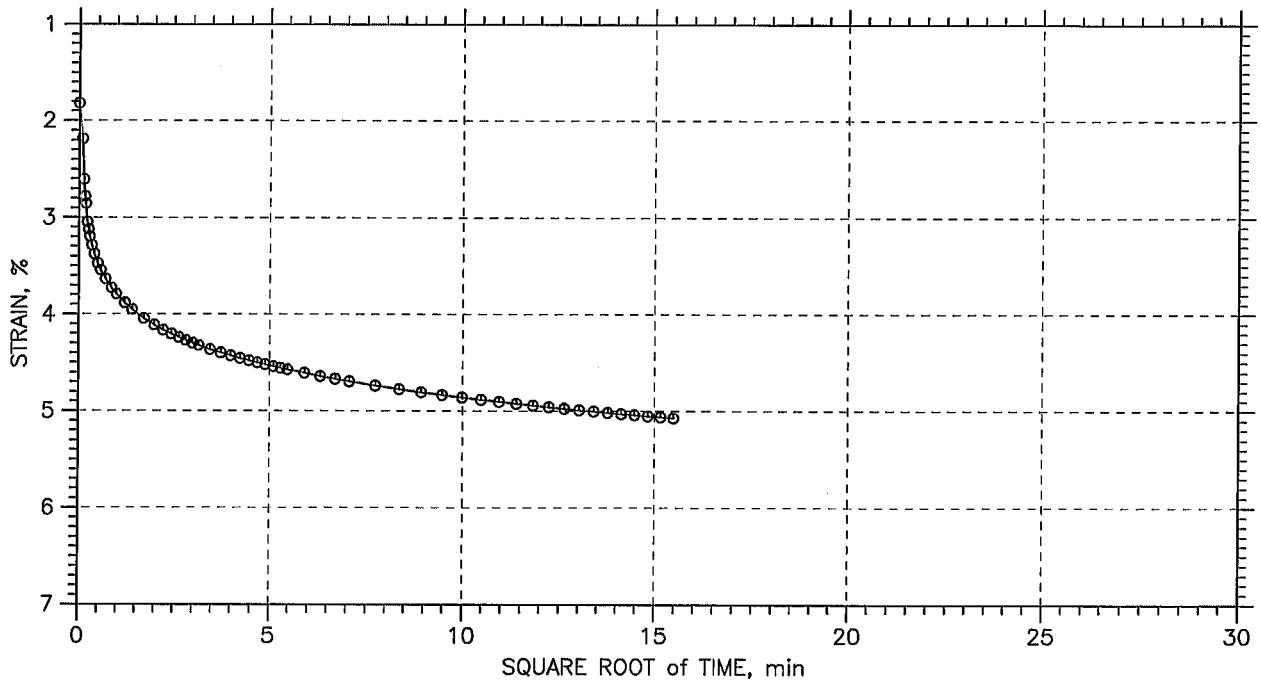
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

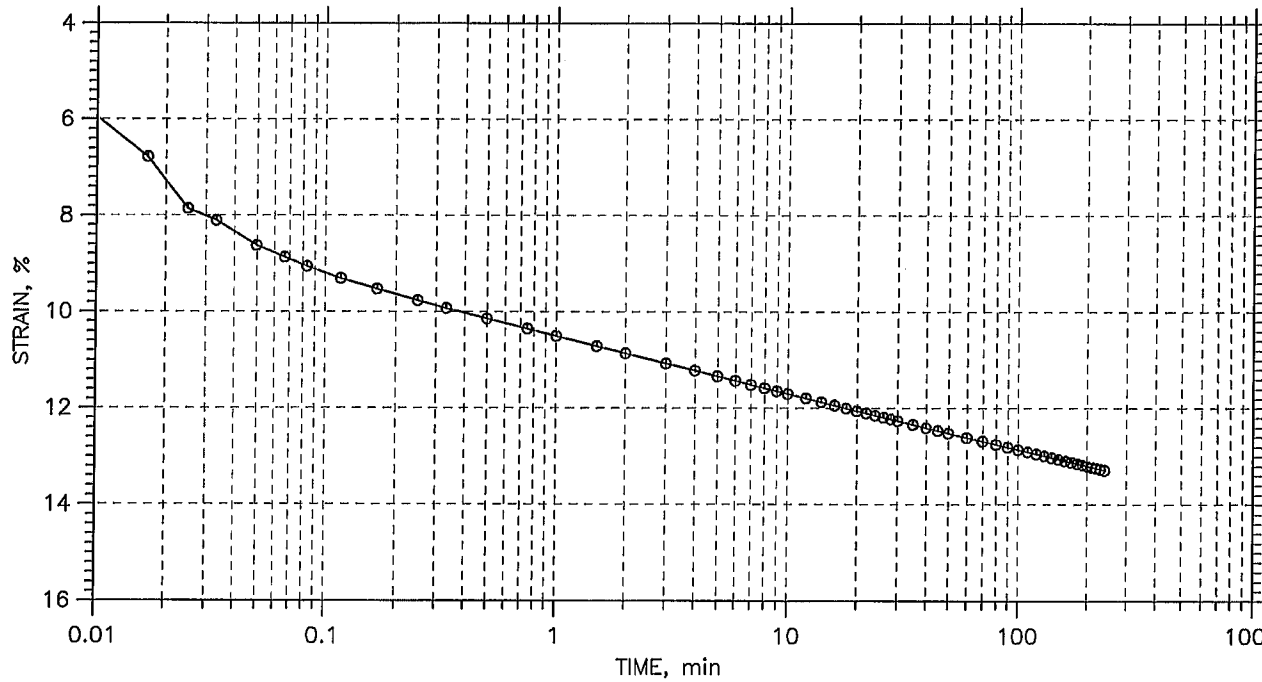
Wed, 16-MAY-2007 07:18:05

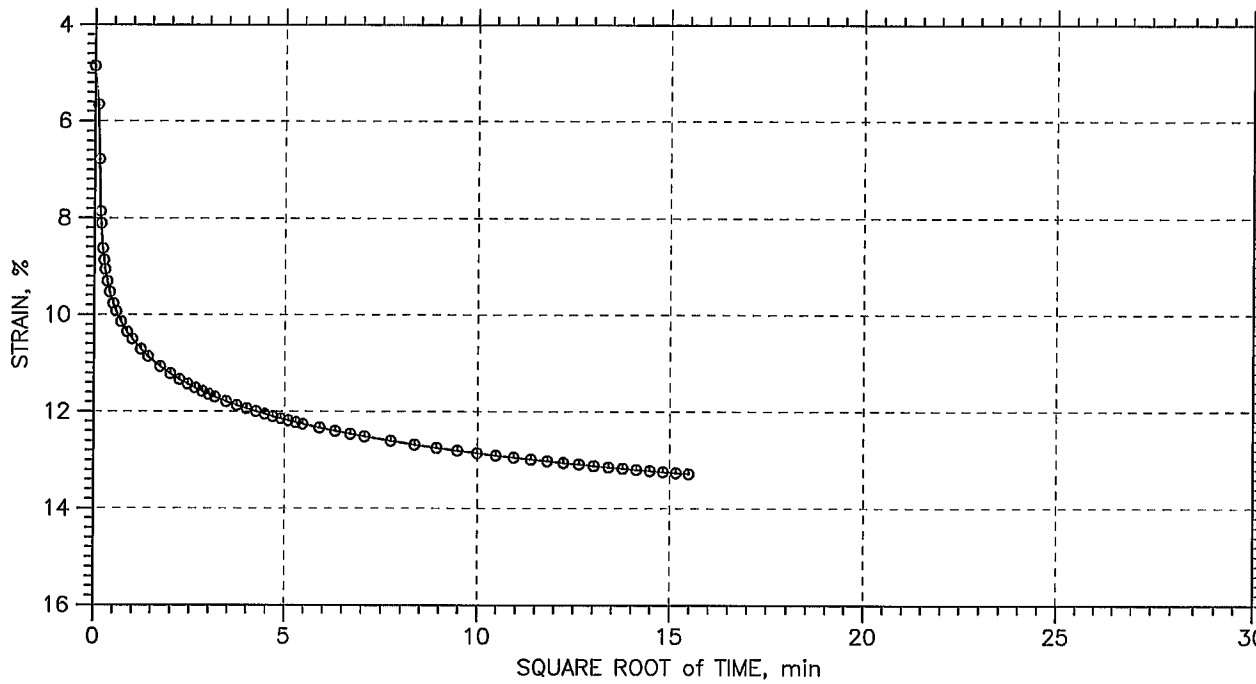
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

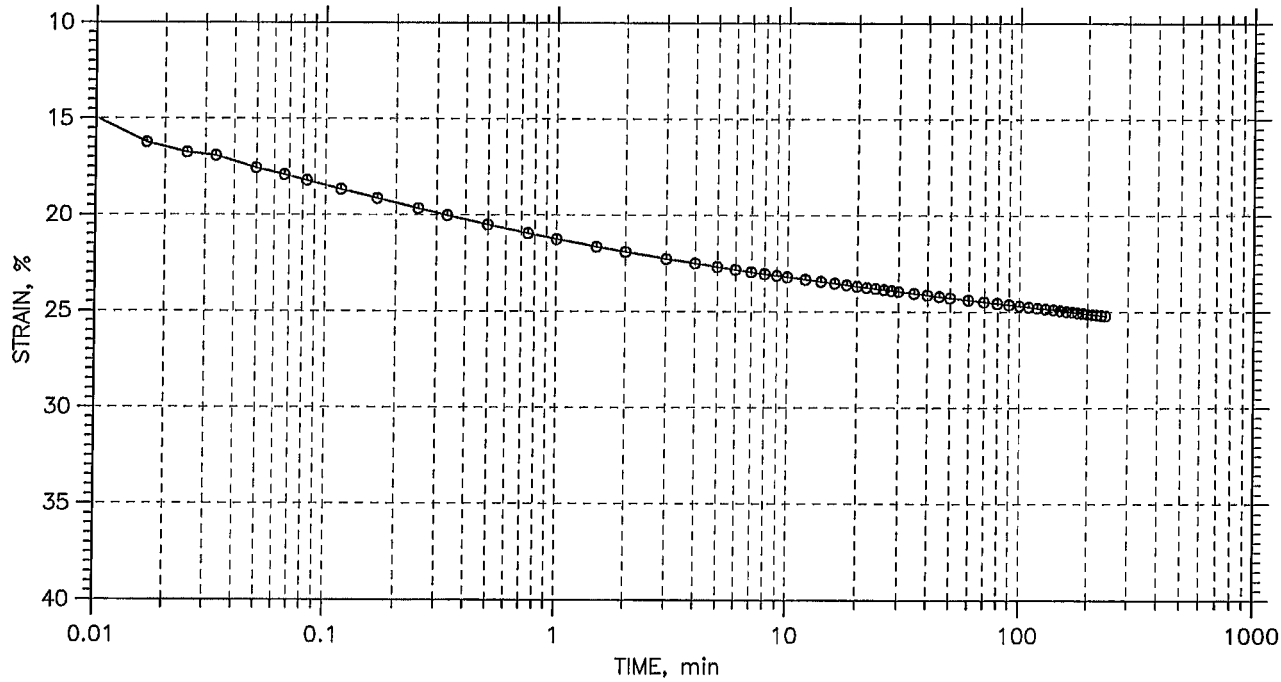
Wed, 16-MAY-2007 07:18:05

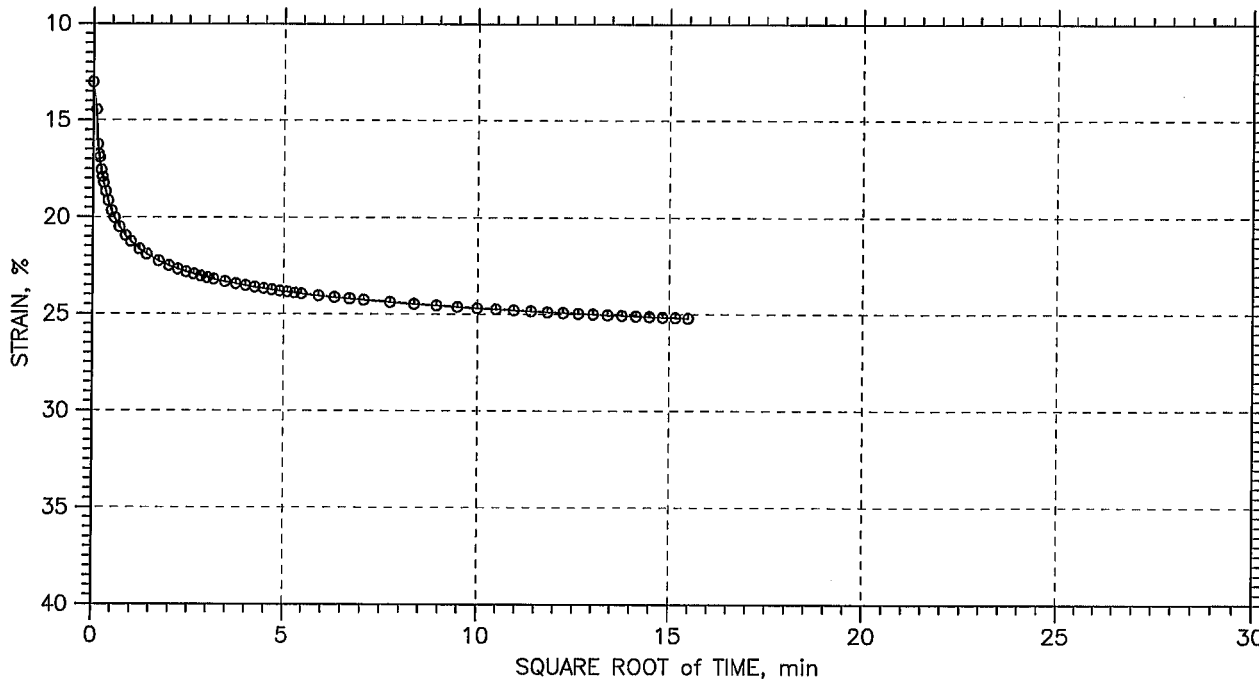
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

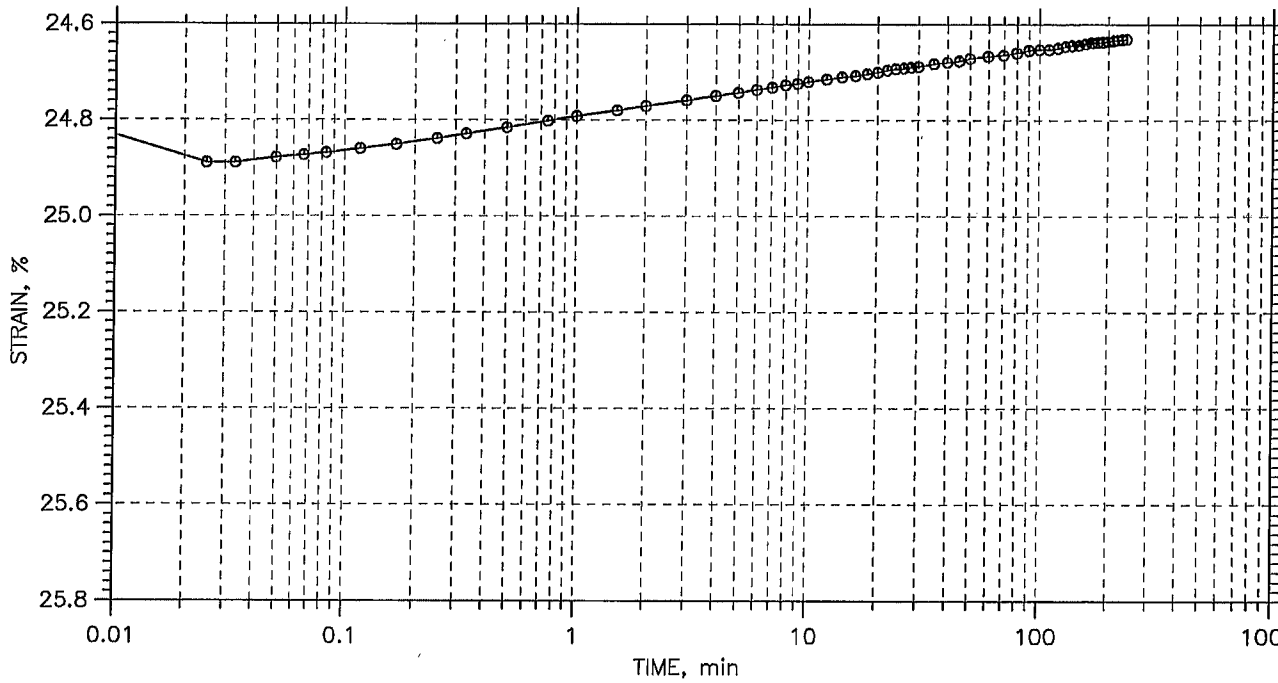
Wed, 16-MAY-2007 07:18:05

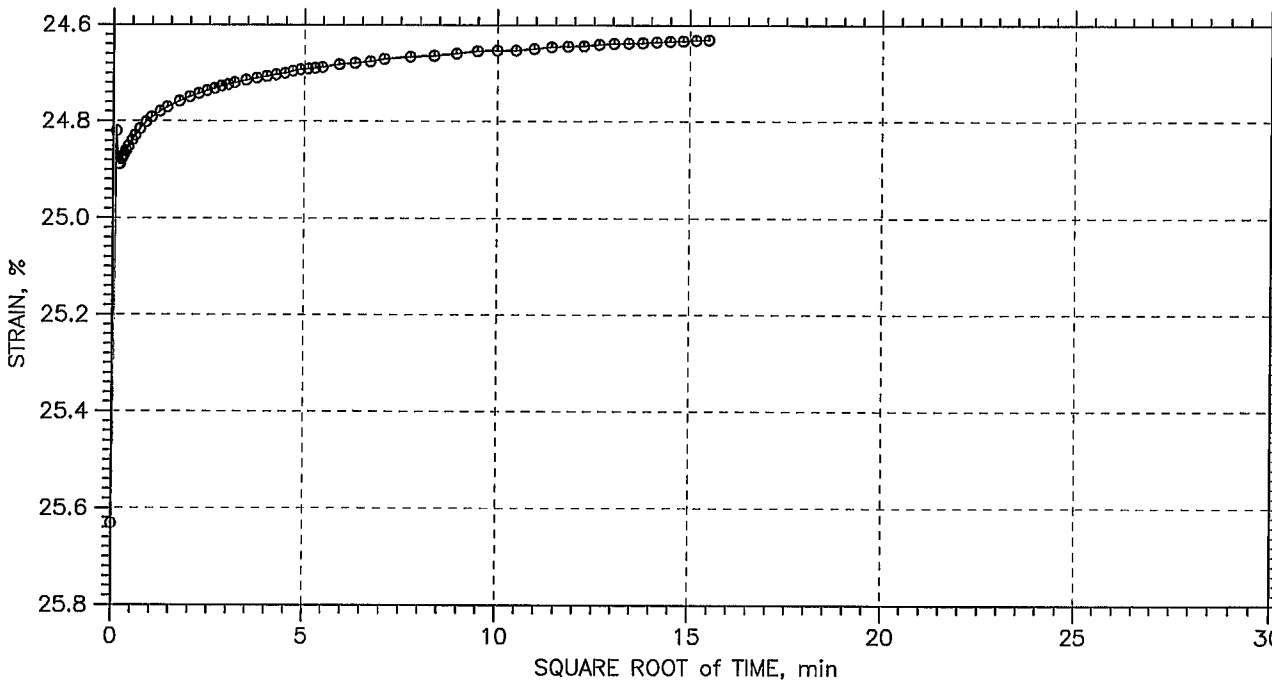
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

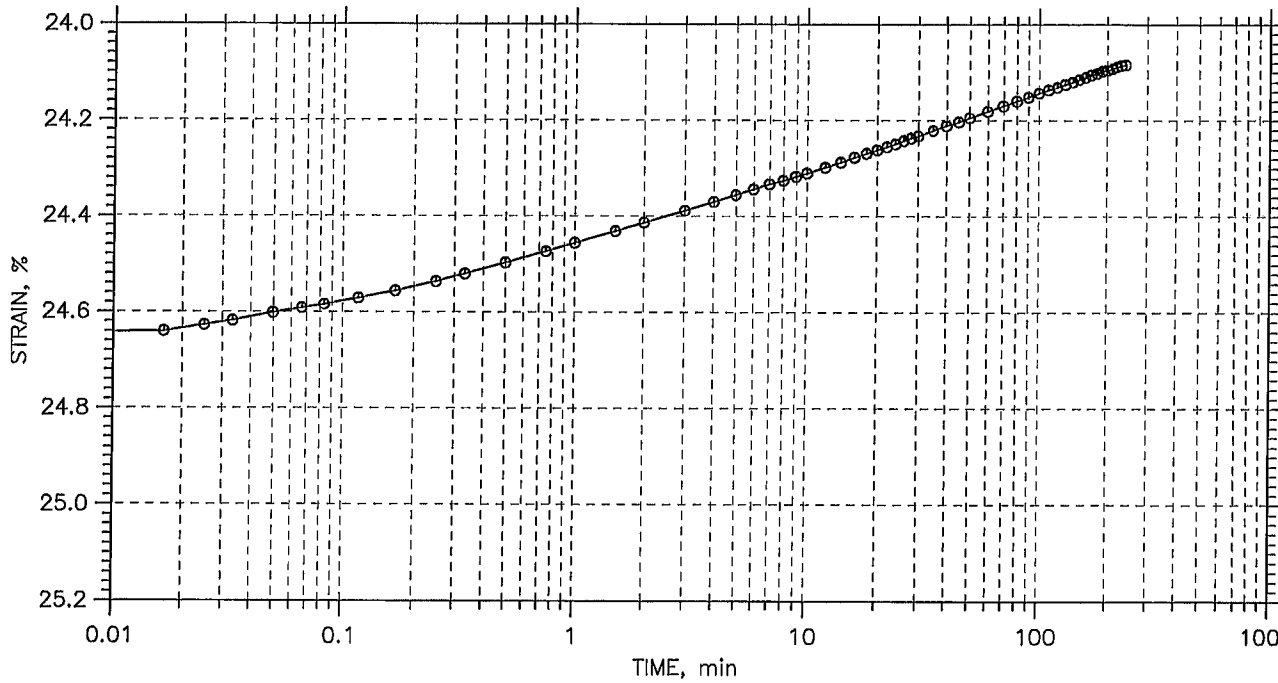
Wed, 16-MAY-2007 07:18:05

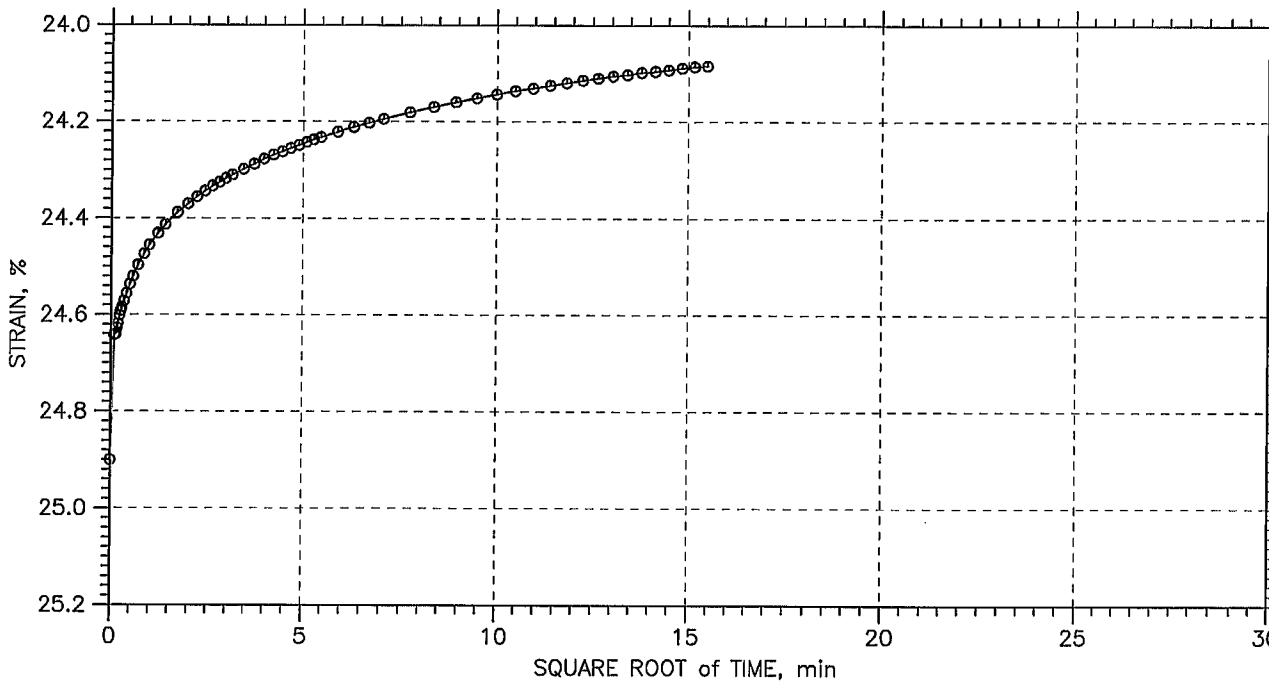
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

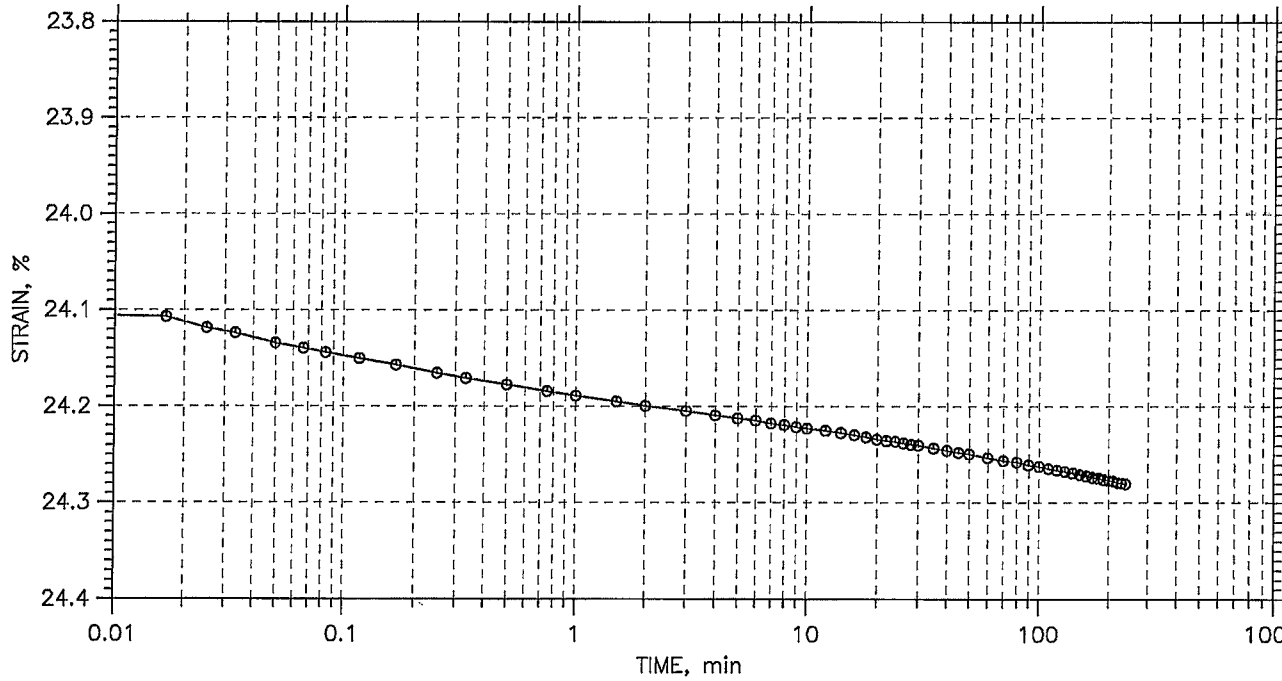
Wed, 16-MAY-2007 07:18:05

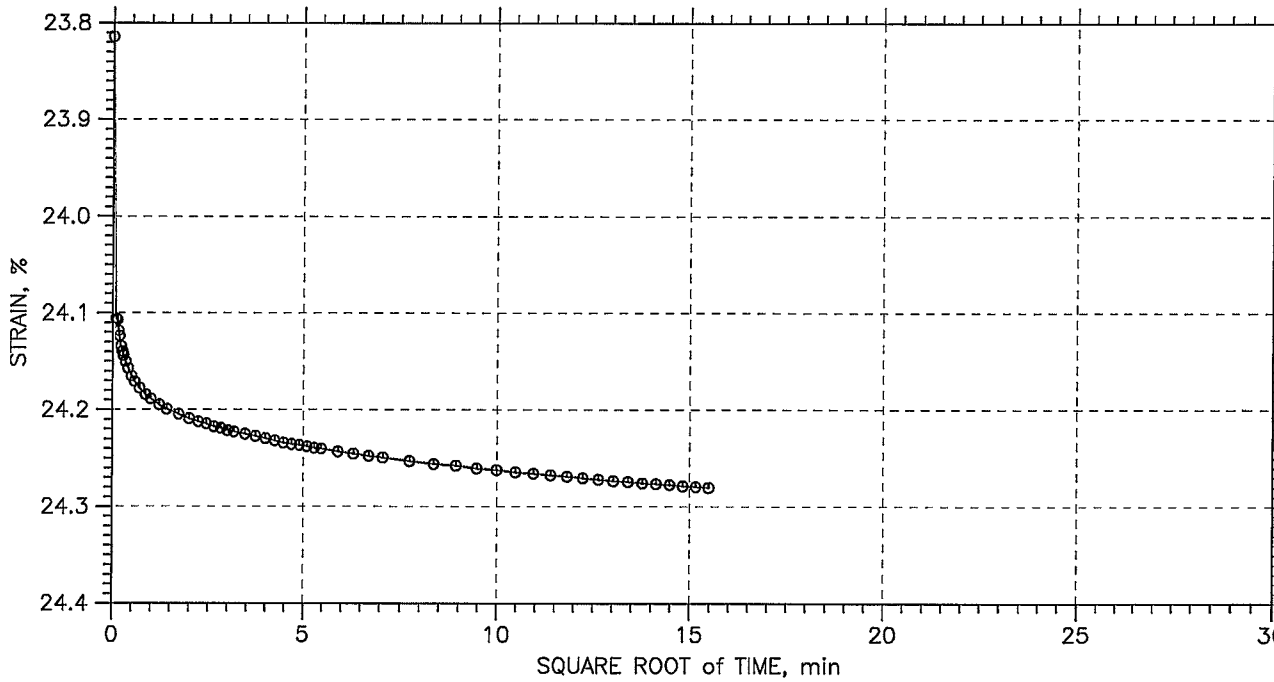
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

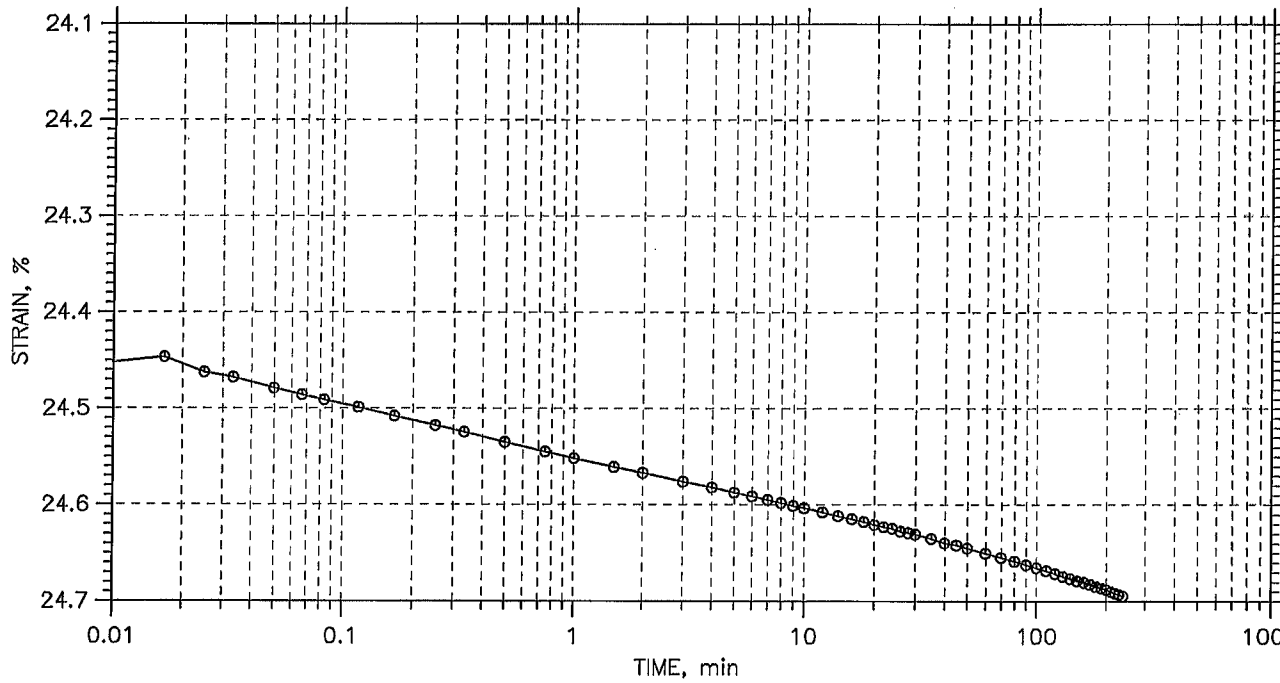
Wed, 16-MAY-2007 07:18:05

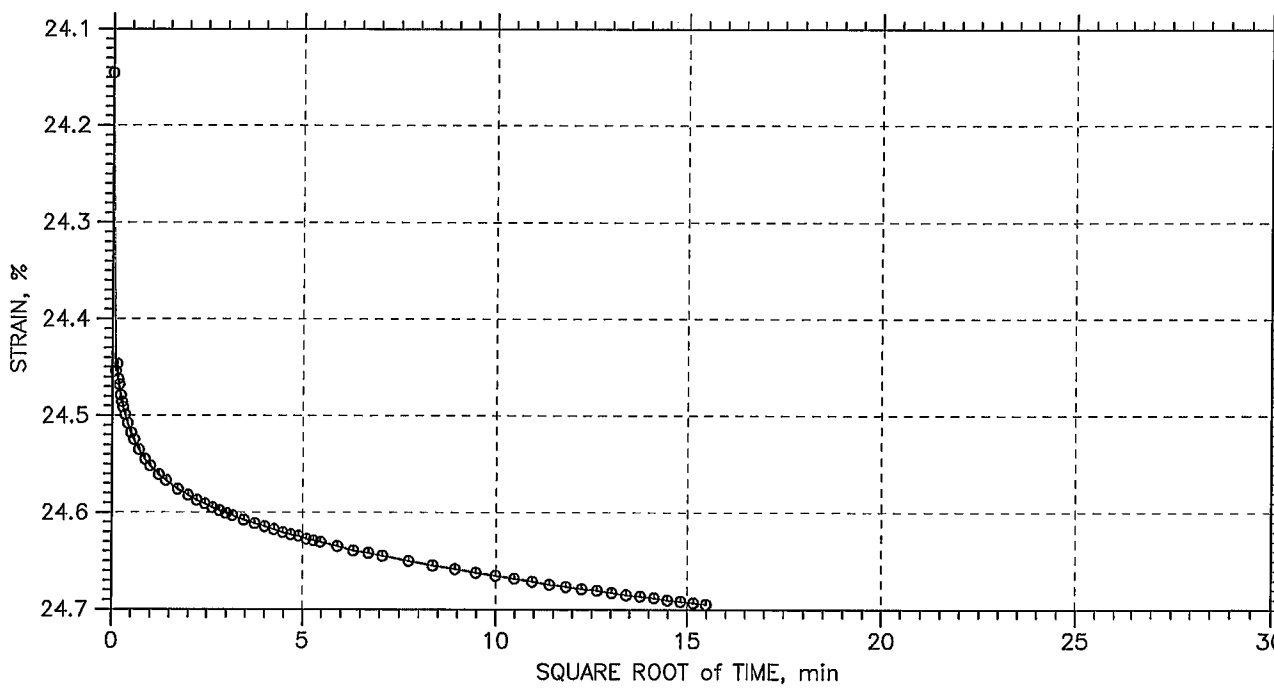
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

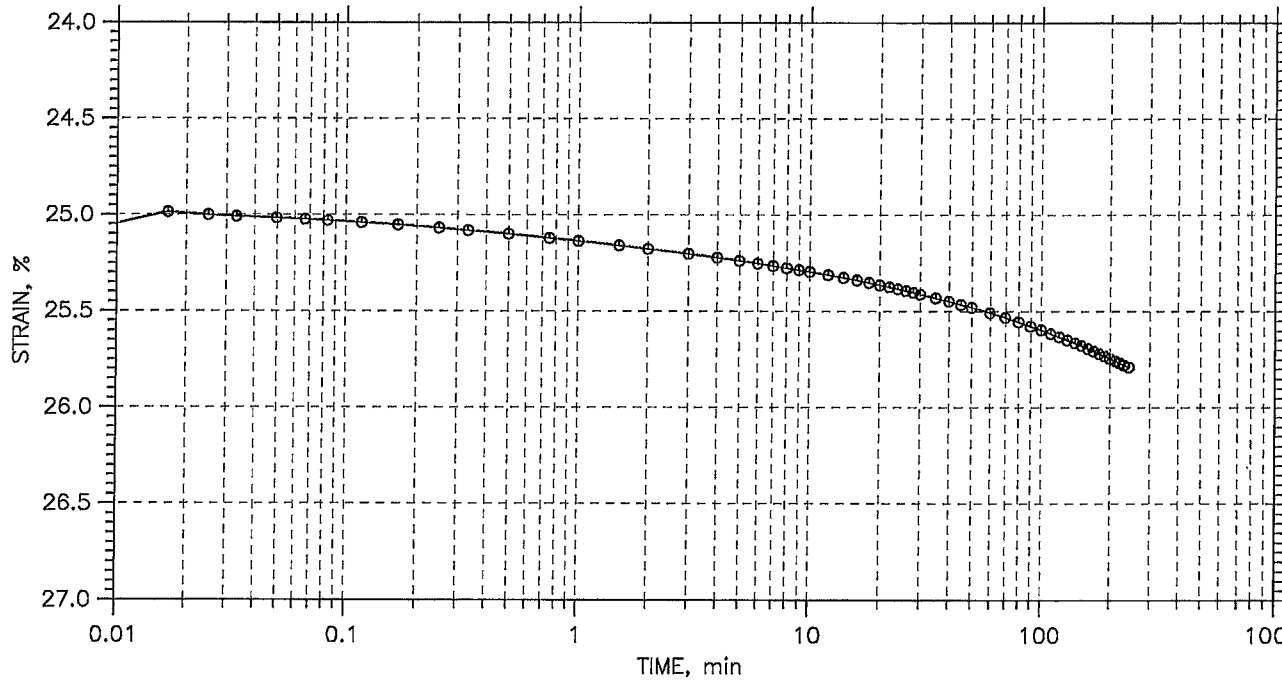
Wed, 16-MAY-2007 07:18:05

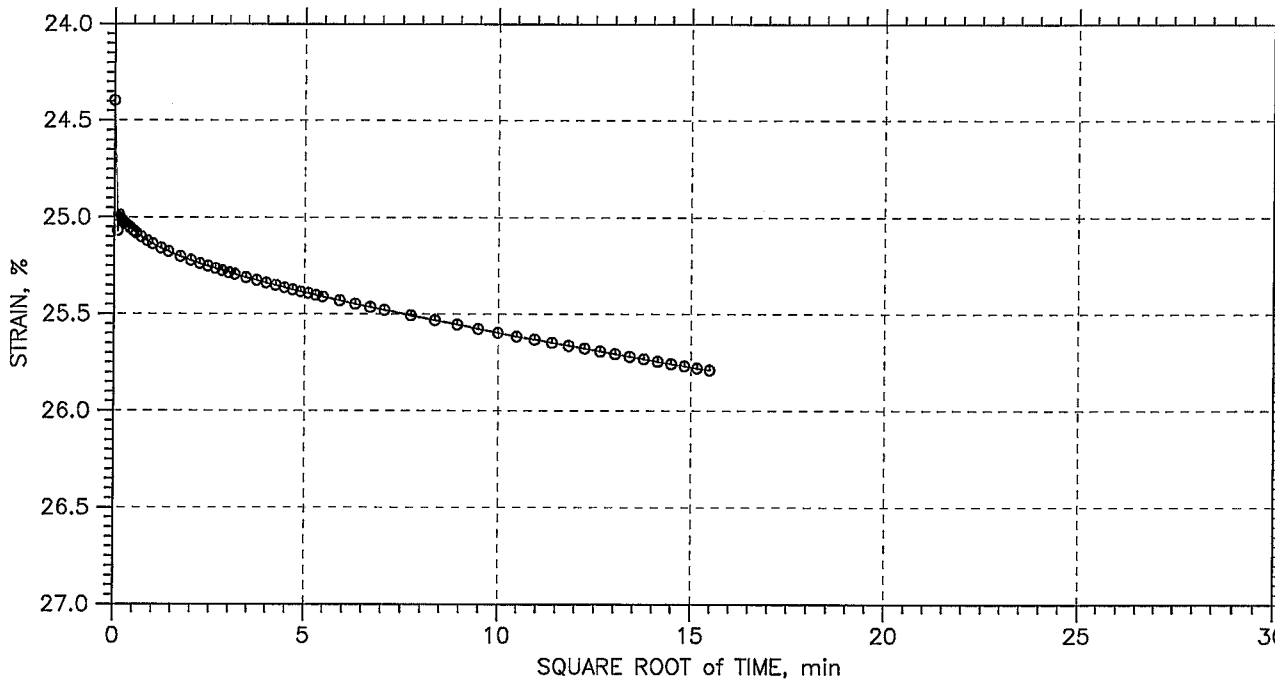
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



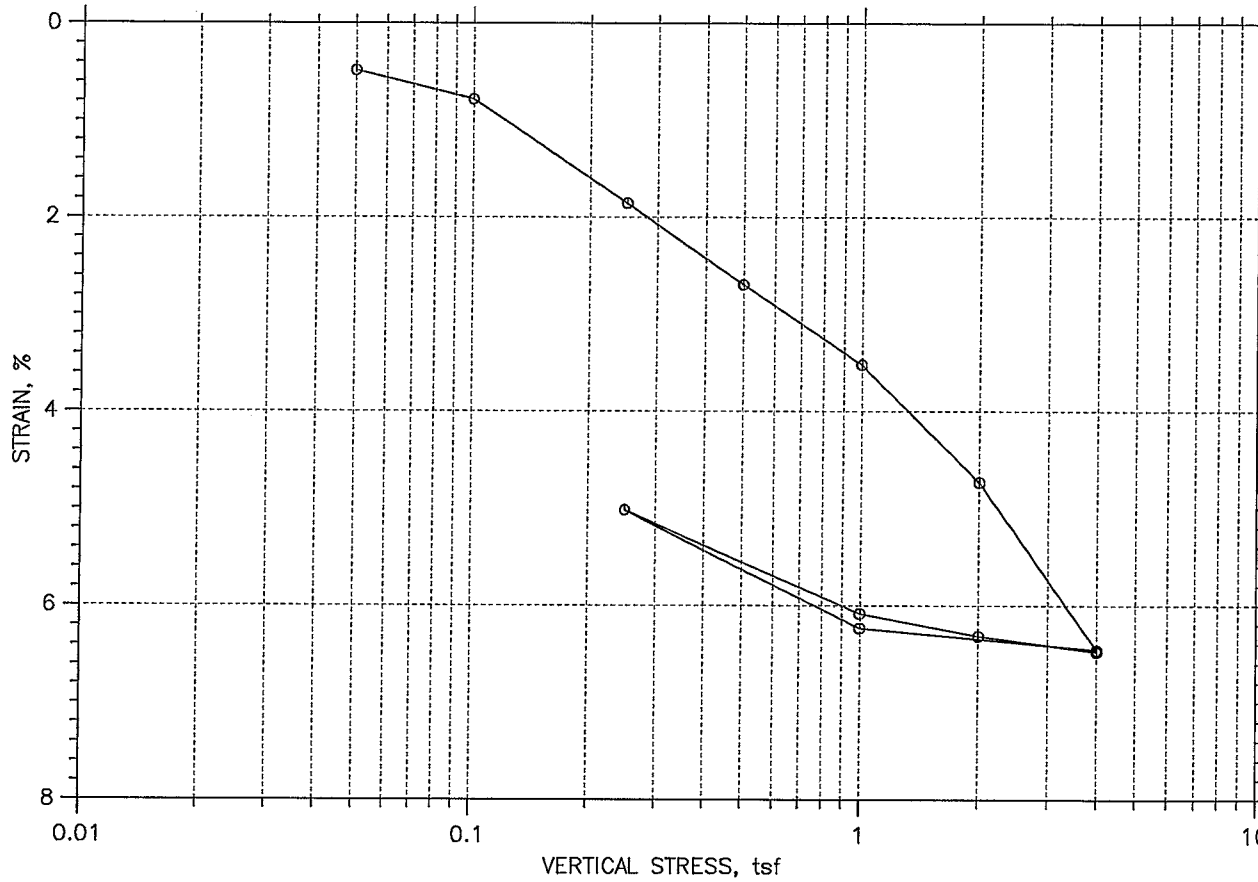


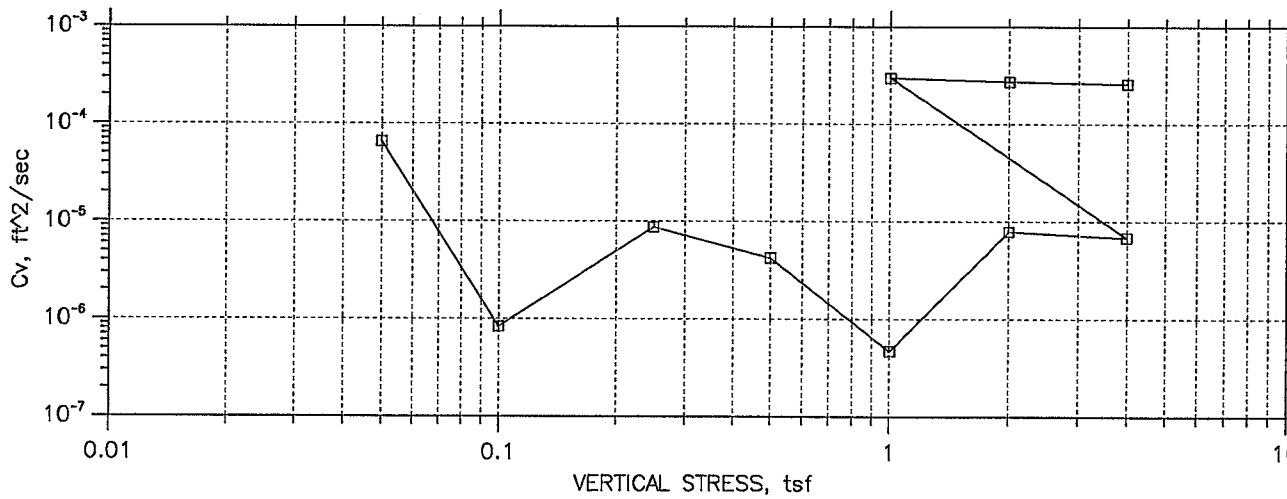
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: 0295-06	Test Date: 04/27/2007	Depth: 10-12 ft
	Test No.: C-24	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt with sand		
	Remarks: System C		

Wed, 16-MAY-2007 07:18:05

CONSOLIDATION TEST DATA

SUMMARY REPORT



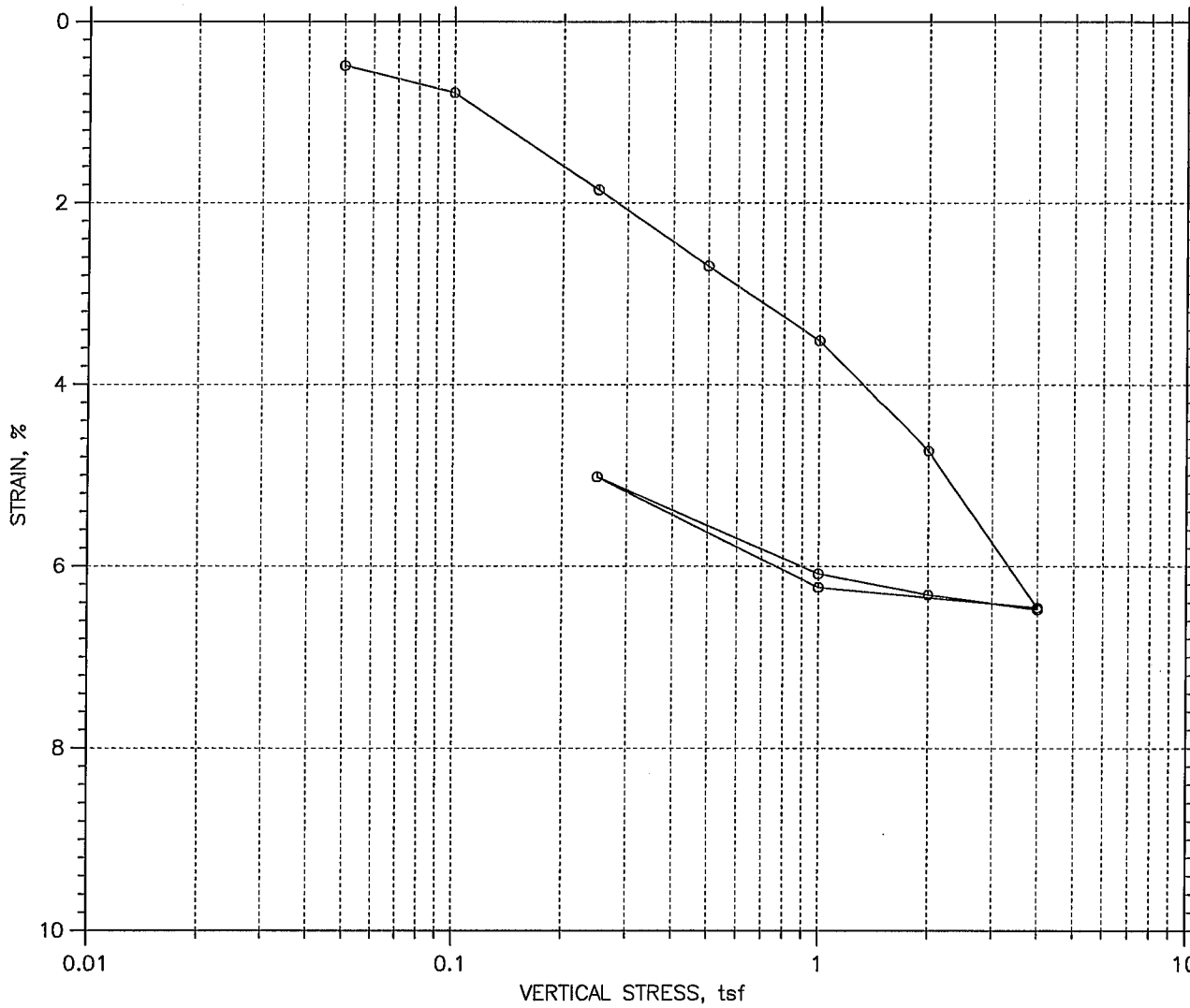


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

Thu, 19-APR-2007 11:14:27

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	62.40	63.80
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	55.41	59.24
Compression Index: ---				Saturation, %	87.25	99.34
Diameter: 2.5 in		Height: 1 in		Void Ratio	1.74	1.56
LL: 112	PL: 93	PI: 19	GS: 2.43			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

Thu, 19-APR-2007 11:14:28

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ-13-02
Sample No.: OL0295-08
Test No.: C-8

Location: Syracuse, NY
Tested By: md
Test Date: 03/04/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 27-29 ft
Elevation: ---

Soil Description: Moist, gray silty sand with gravel
Remarks: System Q

Measured Specific Gravity: 2.43
Initial Void Ratio: 1.74
Final Void Ratio: 1.56

Liquid Limit: 112
Plastic Limit: 93
Plasticity Index: 19

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2597	RING		X-32
Wt. Container + Wet Soil, gm	285.67	332.35	333.35	126.53
Wt. Container + Dry Soil, gm	191.75	287.8	287.8	80.37
Wt. Container, gm	8.47	216.41	216.41	8.02
Wt. Dry Soil, gm	183.28	71.392	71.392	72.35
Water Content, %	51.24	62.40	63.80	63.80
Void Ratio	---	1.74	1.56	---
Degree of Saturation, %	---	87.25	99.34	---
Dry Unit Weight, pcf	---	55.406	59.242	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ-13-02
Sample No.: OL0295-08
Test No.: C-8

Location: Syracuse, NY
Tested By: md
Test Date: 03/04/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 27-29 ft
Elevation: ---

Soil Description: Moist, gray silty sand with gravel
Remarks: System Q

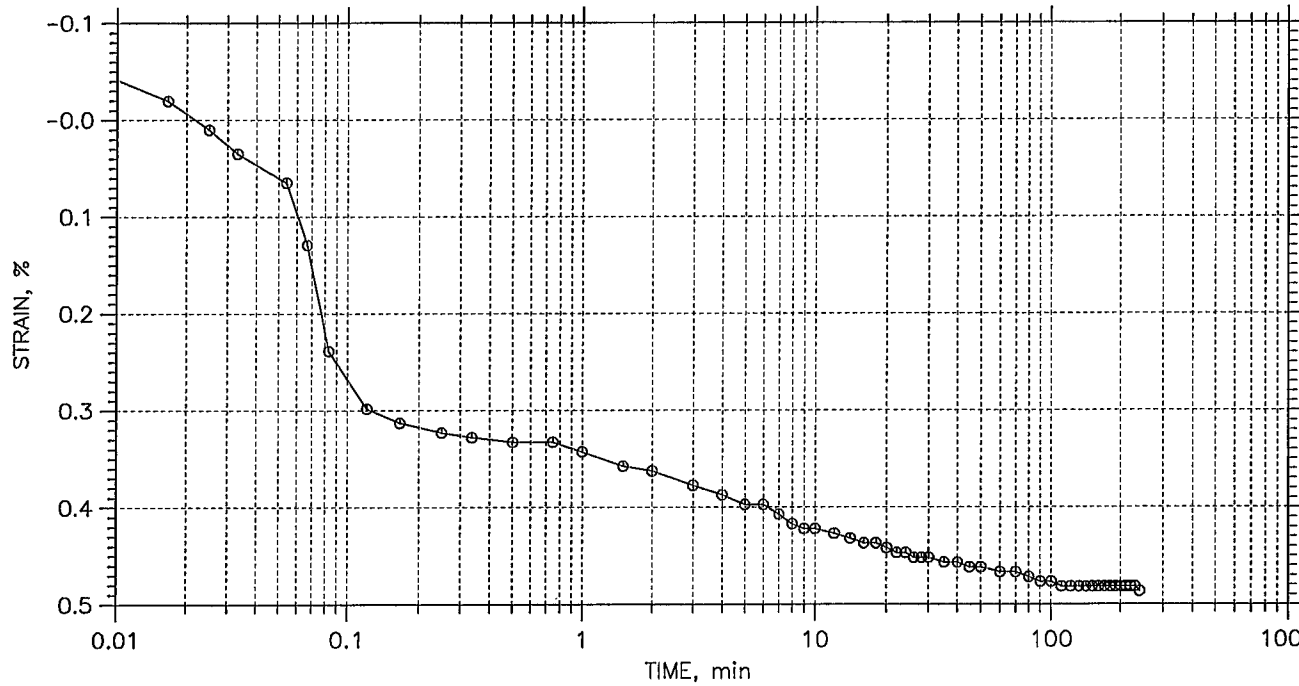
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.004865	1.725	0.49	0.1	0.0	6.56e-005	0.00e+000	6.56e-005
2	0.1	0.00784	1.717	0.78	5.6	8.0	1.01e-006	7.05e-007	8.31e-007
3	0.25	0.01855	1.687	1.86	0.6	0.0	8.75e-006	0.00e+000	8.75e-006
4	0.5	0.02694	1.664	2.69	1.3	0.0	4.24e-006	0.00e+000	4.24e-006
5	1	0.03518	1.642	3.52	11.4	0.0	4.68e-007	0.00e+000	4.68e-007
6	2	0.04729	1.609	4.73	0.7	0.0	7.89e-006	0.00e+000	7.89e-006
7	4	0.06456	1.561	6.46	0.7	0.0	6.85e-006	0.00e+000	6.85e-006
8	1	0.06232	1.567	6.23	0.0	0.0	2.37e-004	0.00e+000	2.37e-004
9	0.25	0.05017	1.601	5.02	1.0	0.0	4.98e-006	0.00e+000	4.98e-006
10	1	0.06083	1.571	6.08	0.0	0.0	2.99e-004	0.00e+000	2.99e-004
11	2	0.06314	1.565	6.31	0.0	0.0	2.73e-004	0.00e+000	2.73e-004
12	4	0.06476	1.561	6.48	0.0	0.0	2.60e-004	0.00e+000	2.60e-004

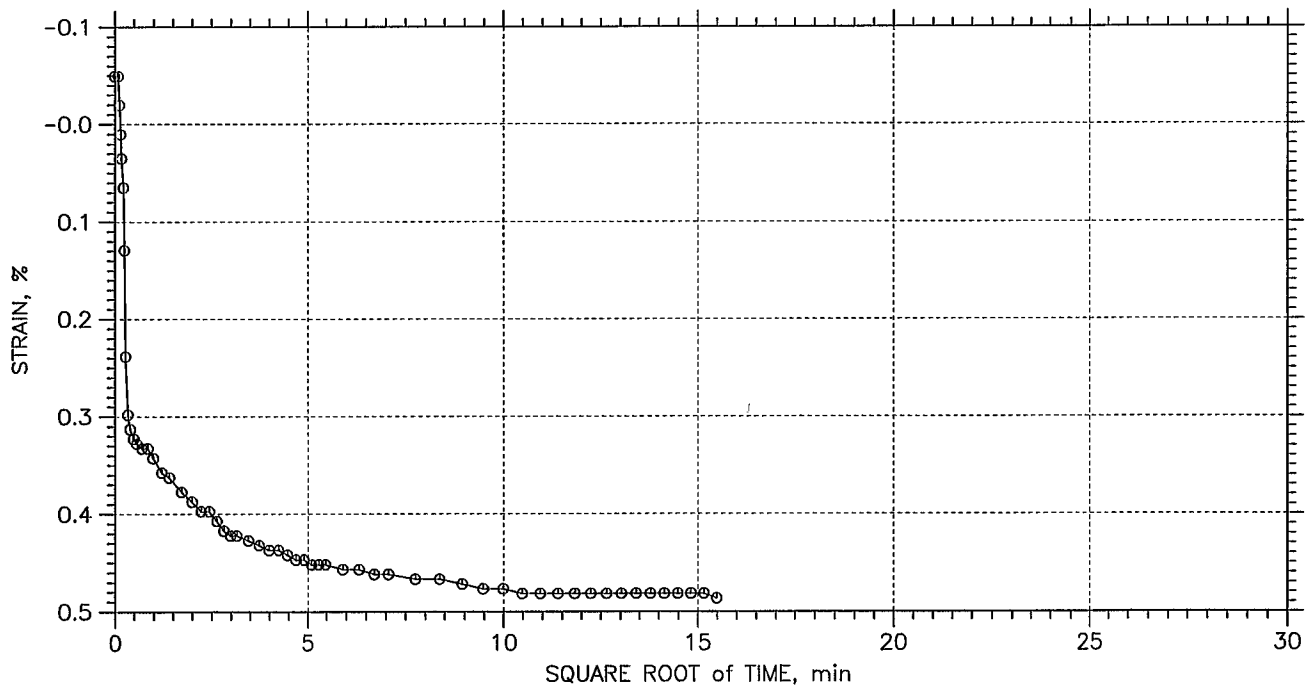
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

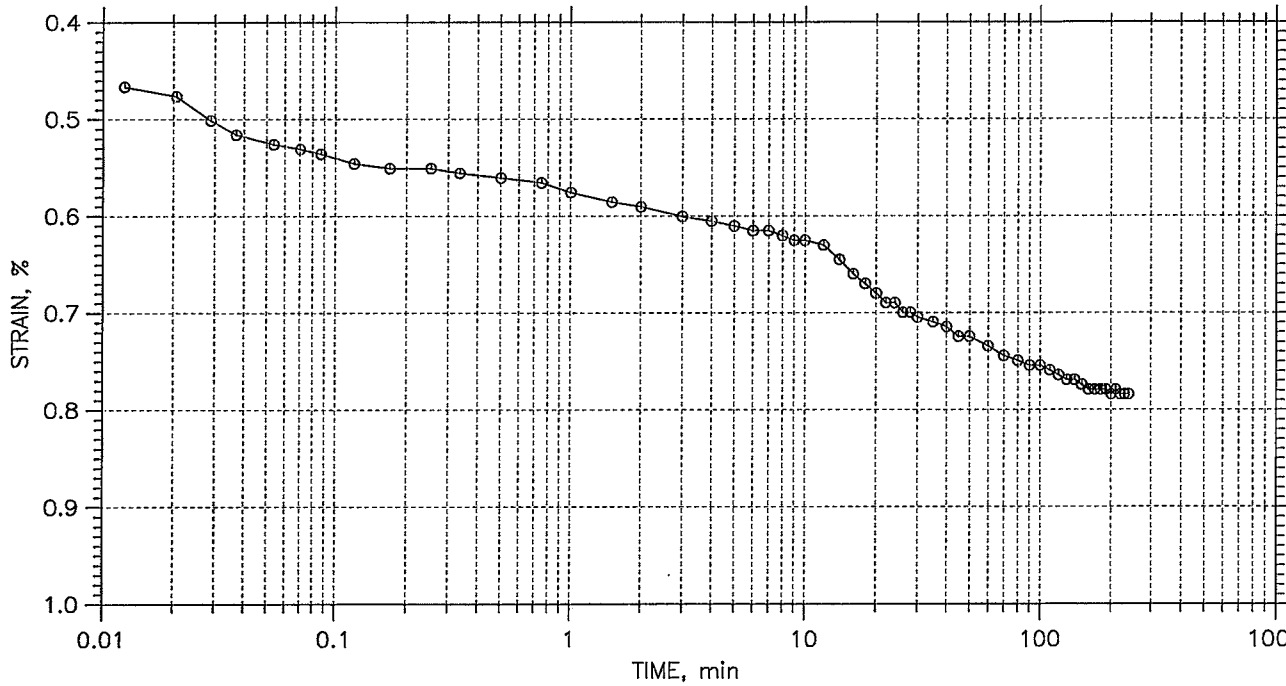
Thu, 19-APR-2007 11:14:29

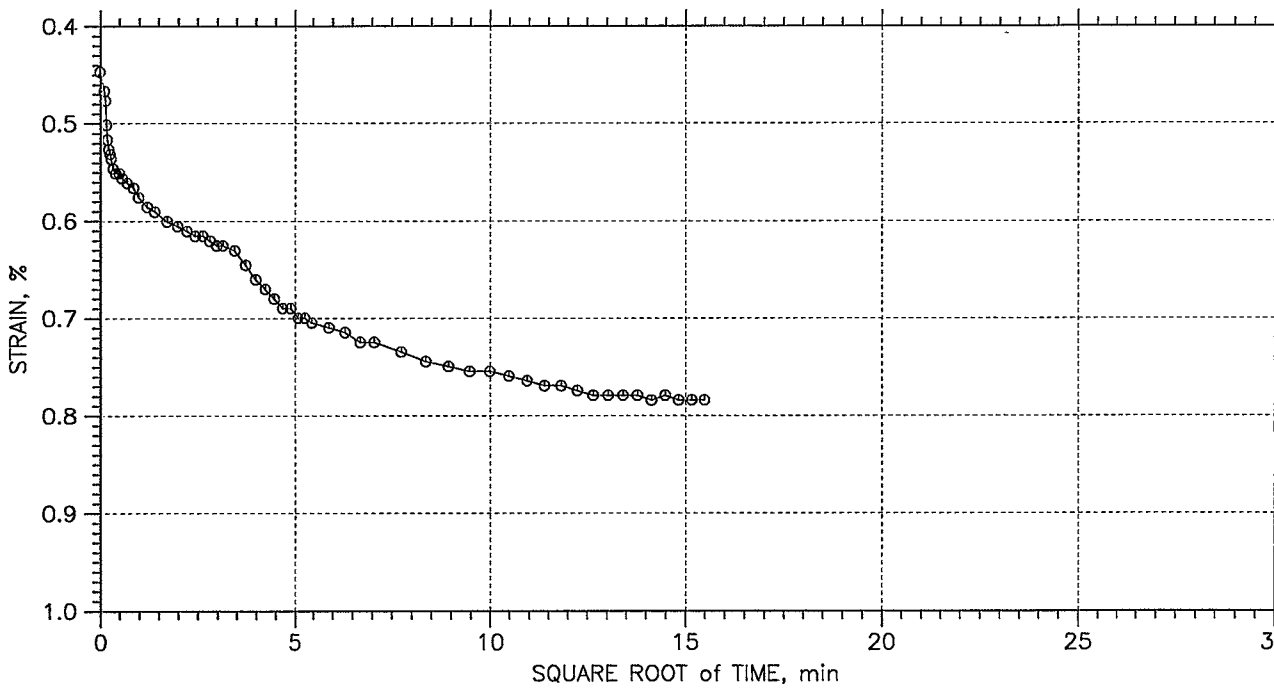
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

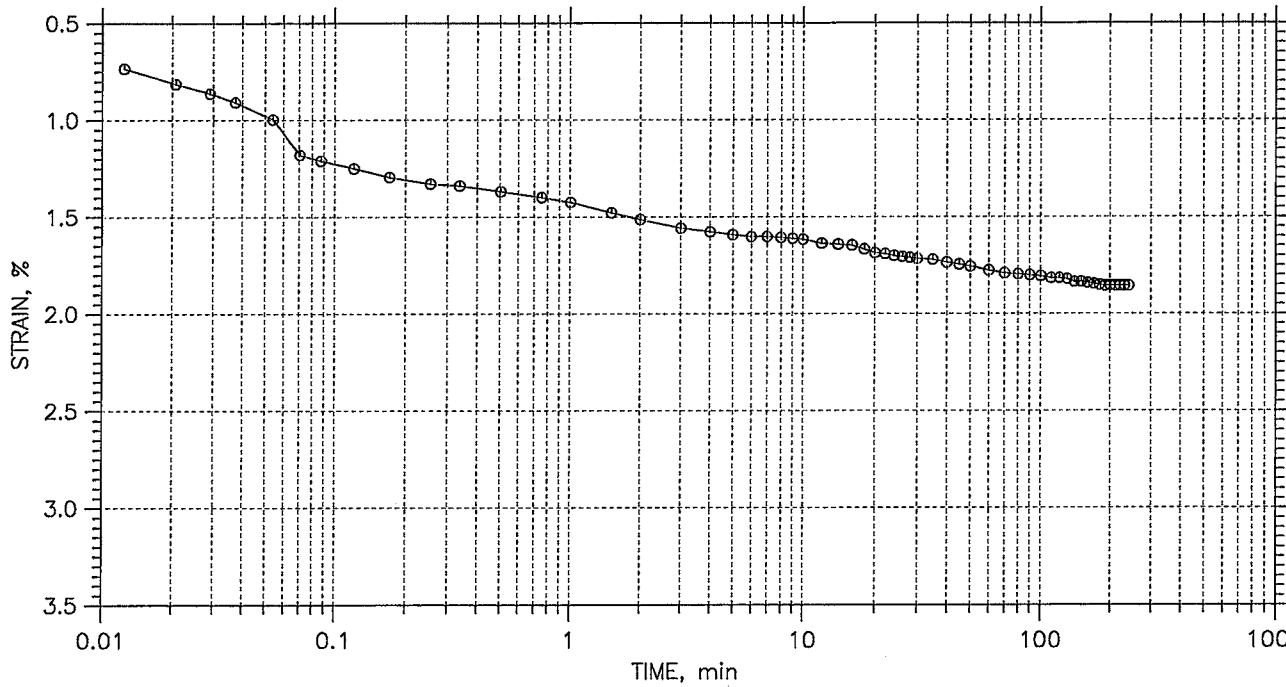
Thu, 19-APR-2007 11:14:30

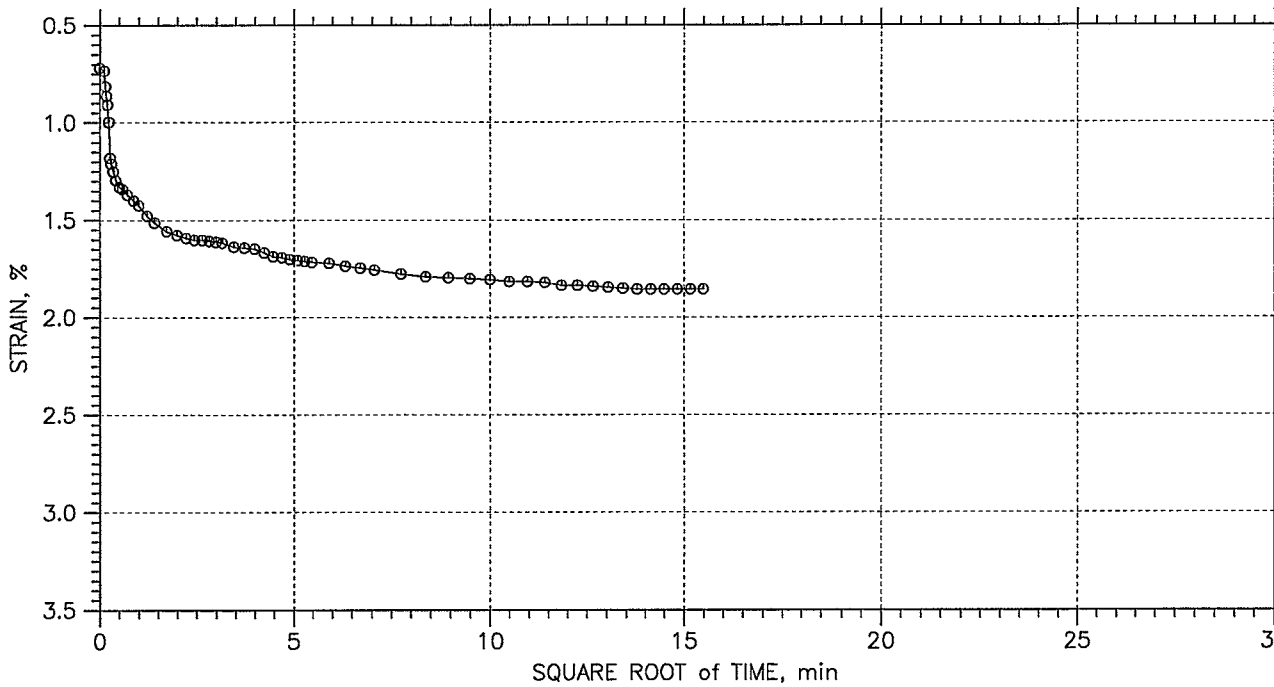
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

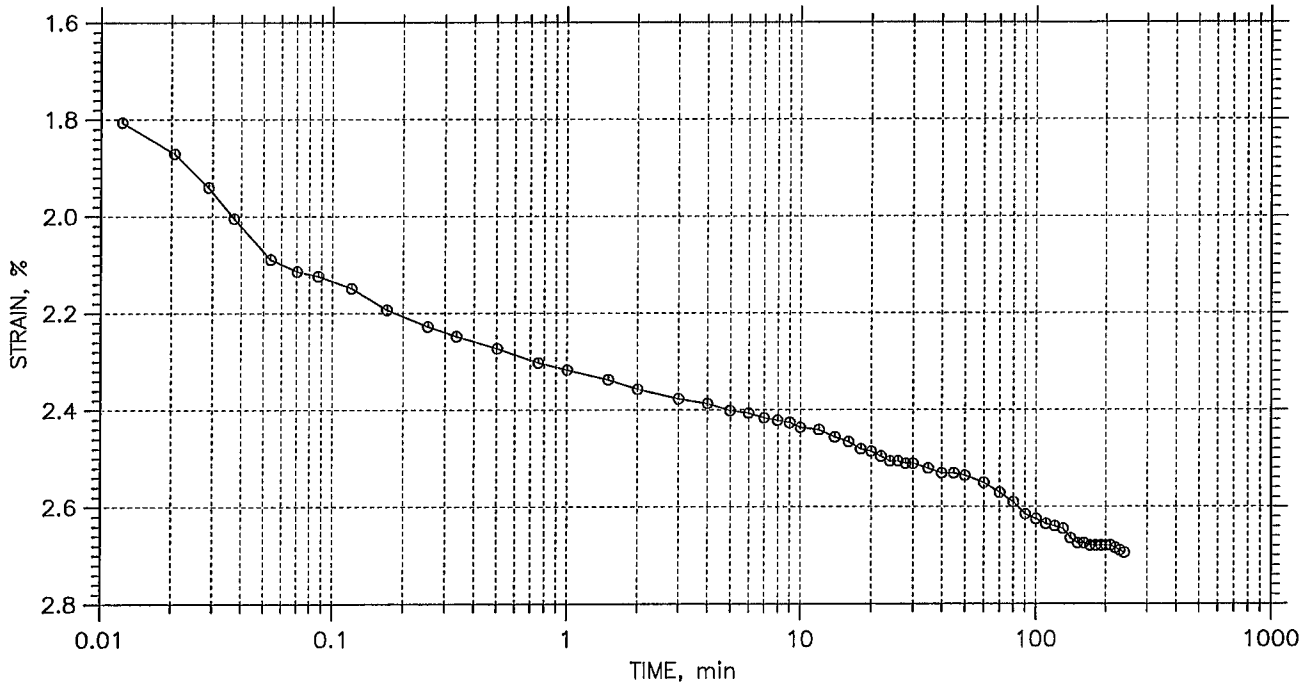
Thu, 19-APR-2007 11:14:31

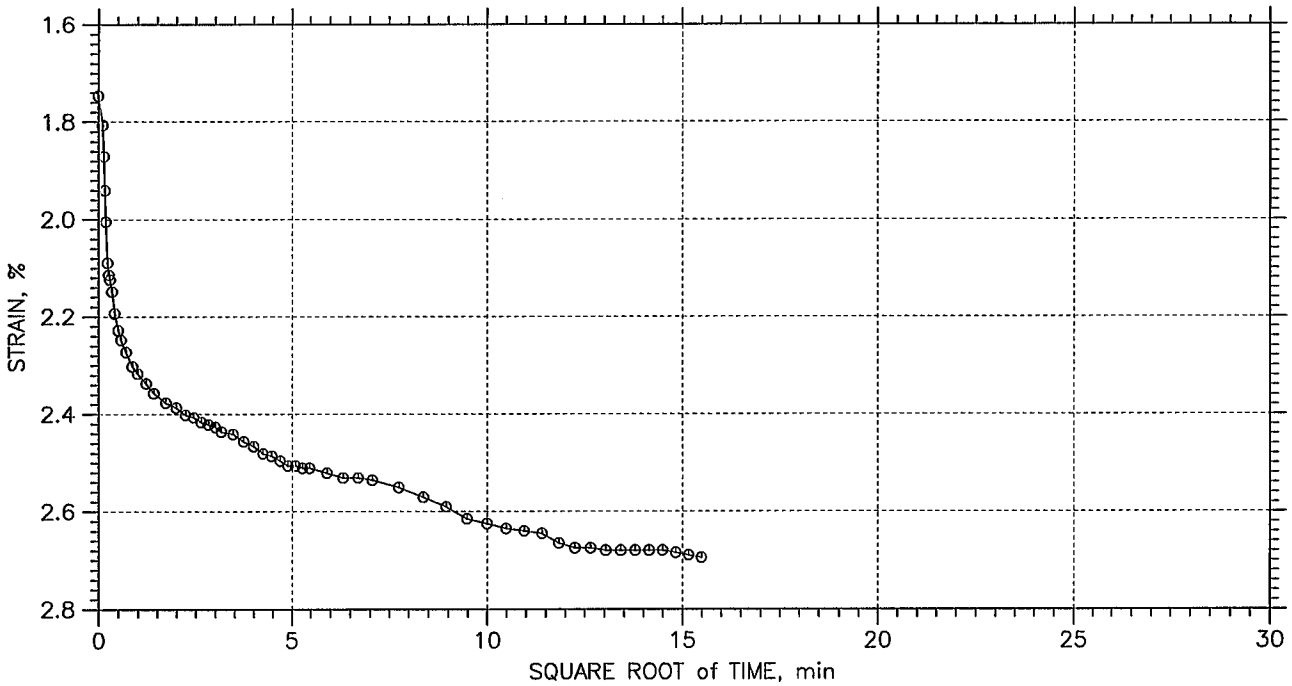
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

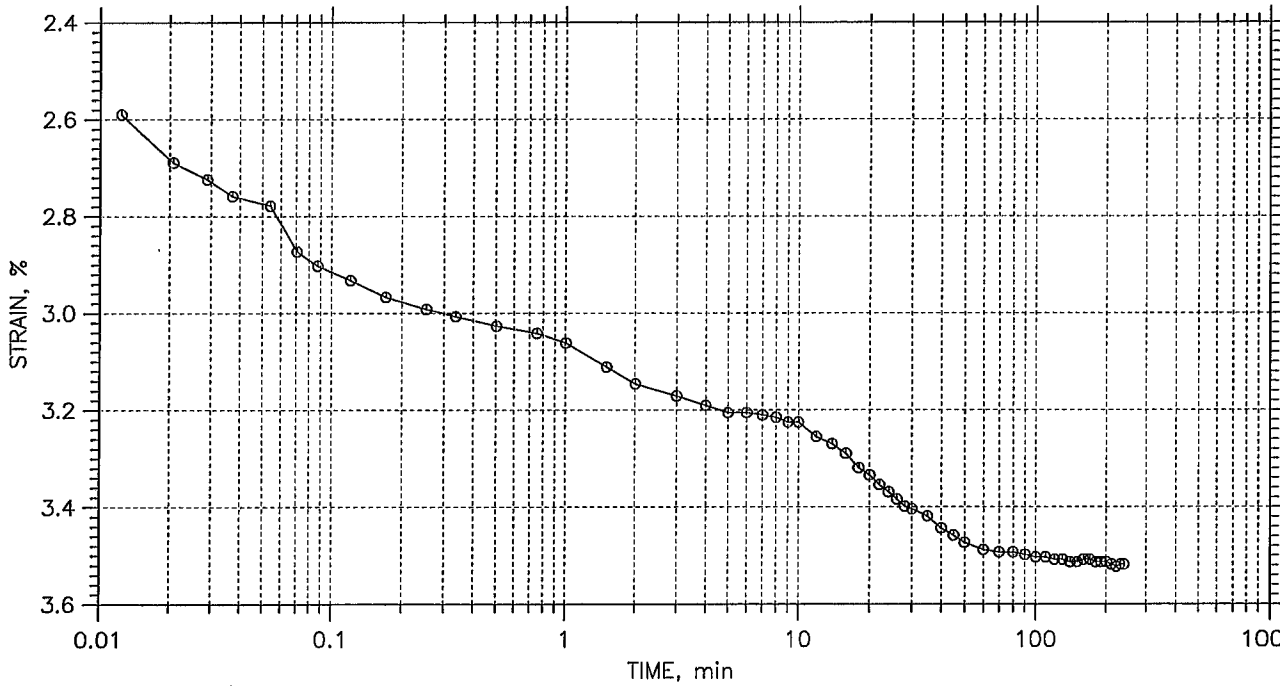
Thu, 19-APR-2007 11:14:32

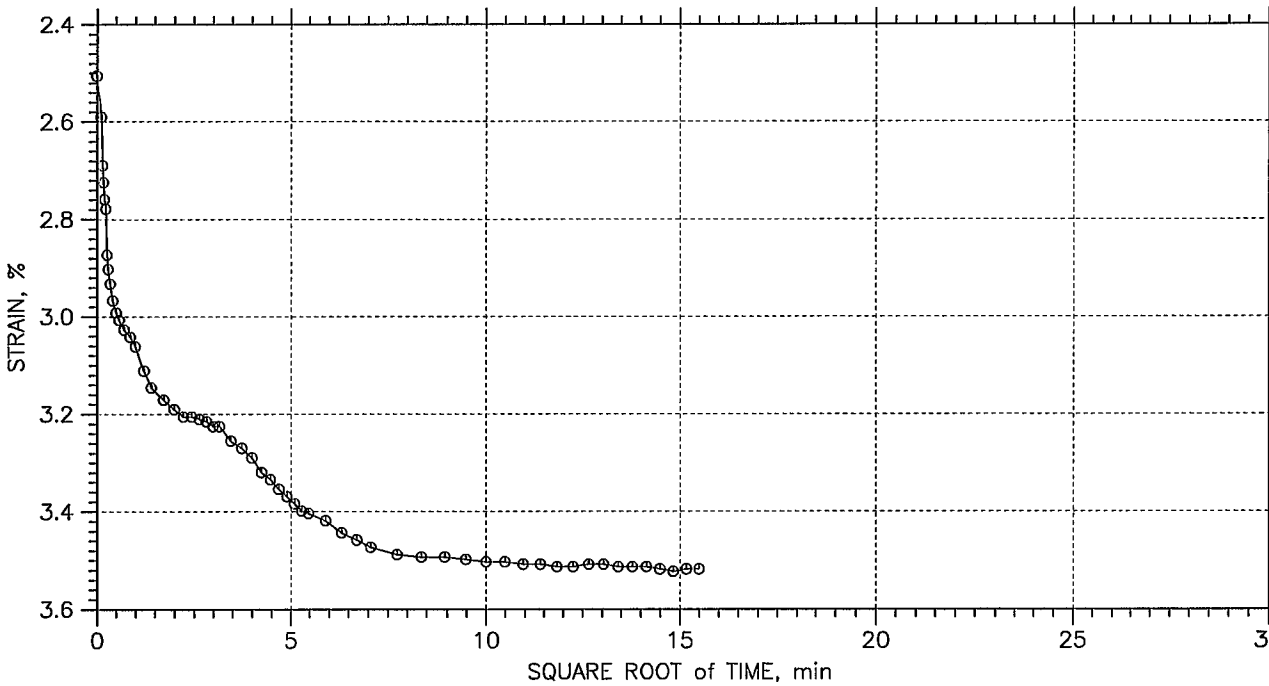
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

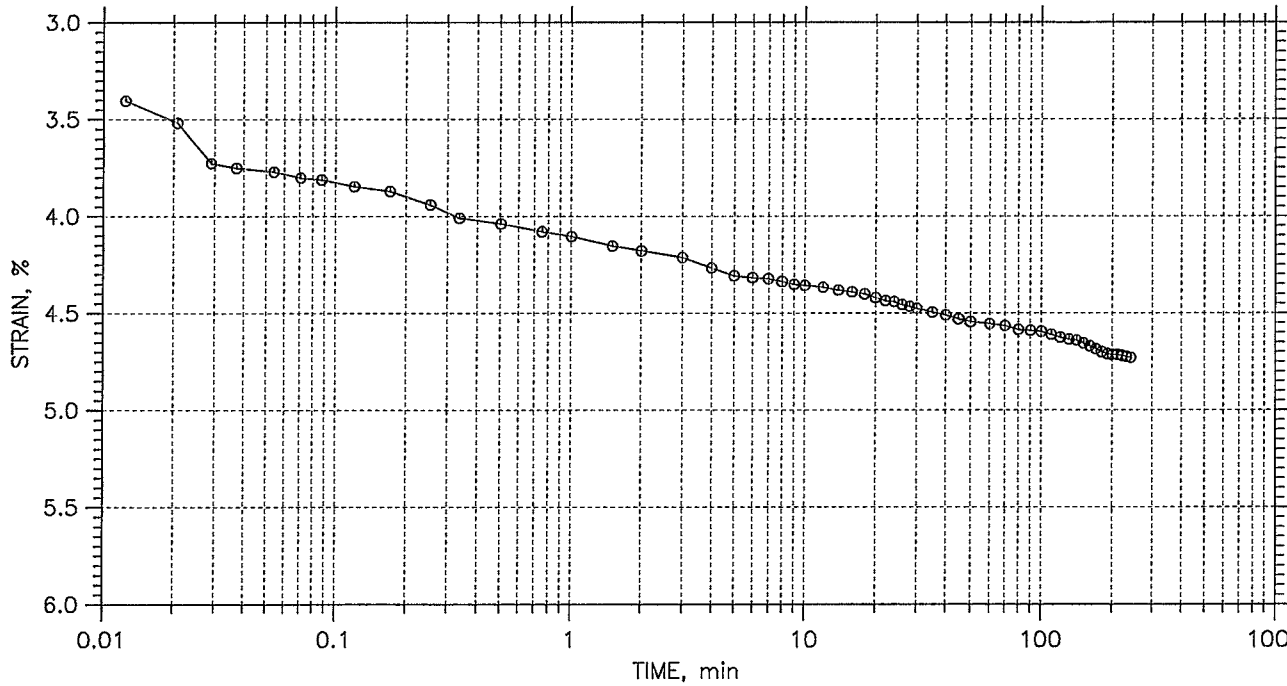
Thu, 19-APR-2007 11:14:33

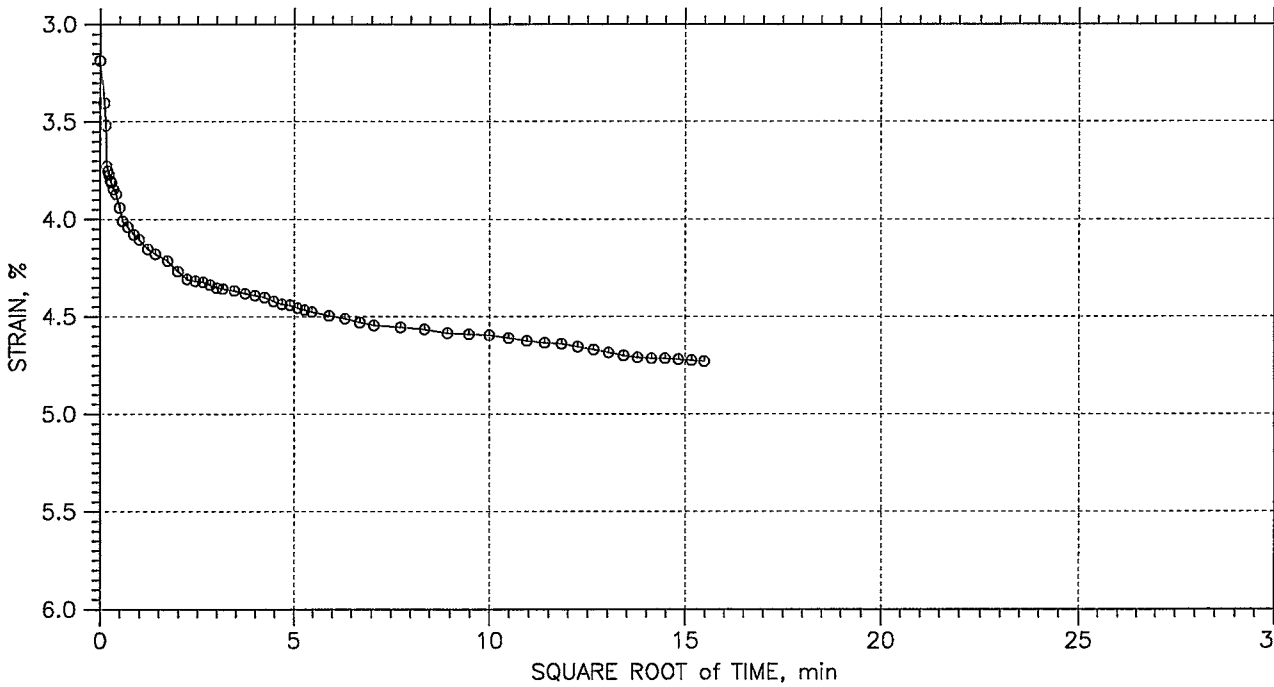
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

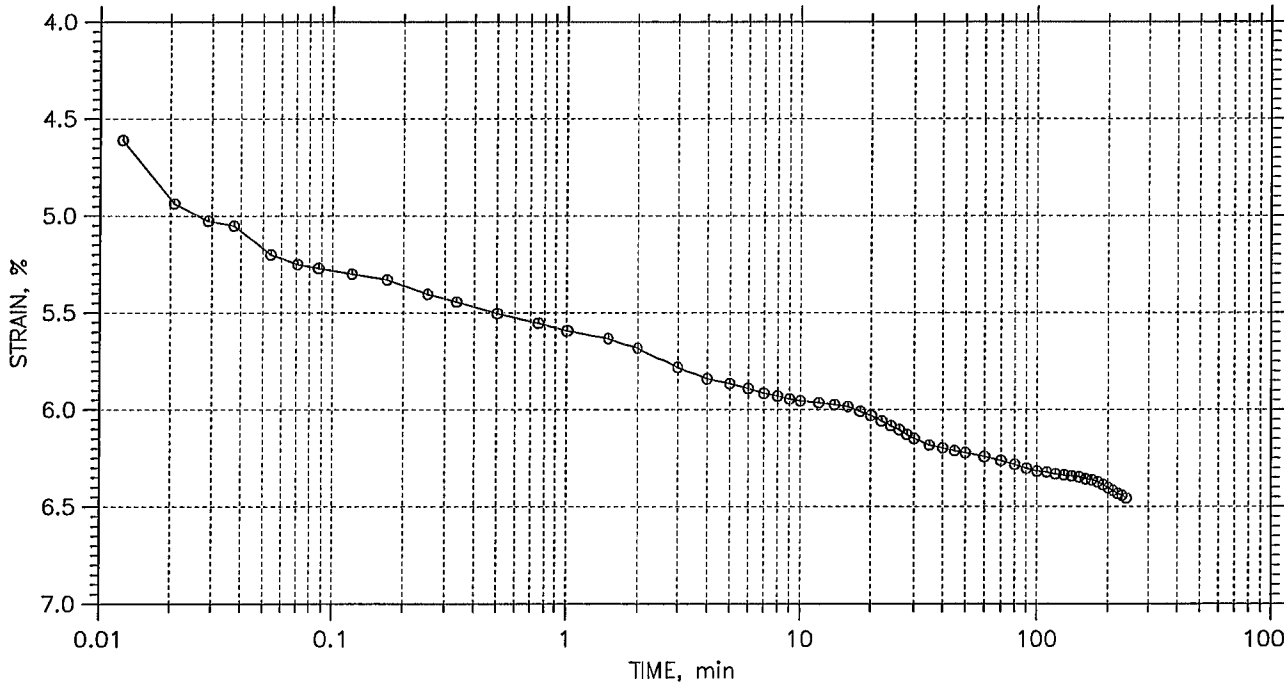
Thu, 19-APR-2007 11:14:34

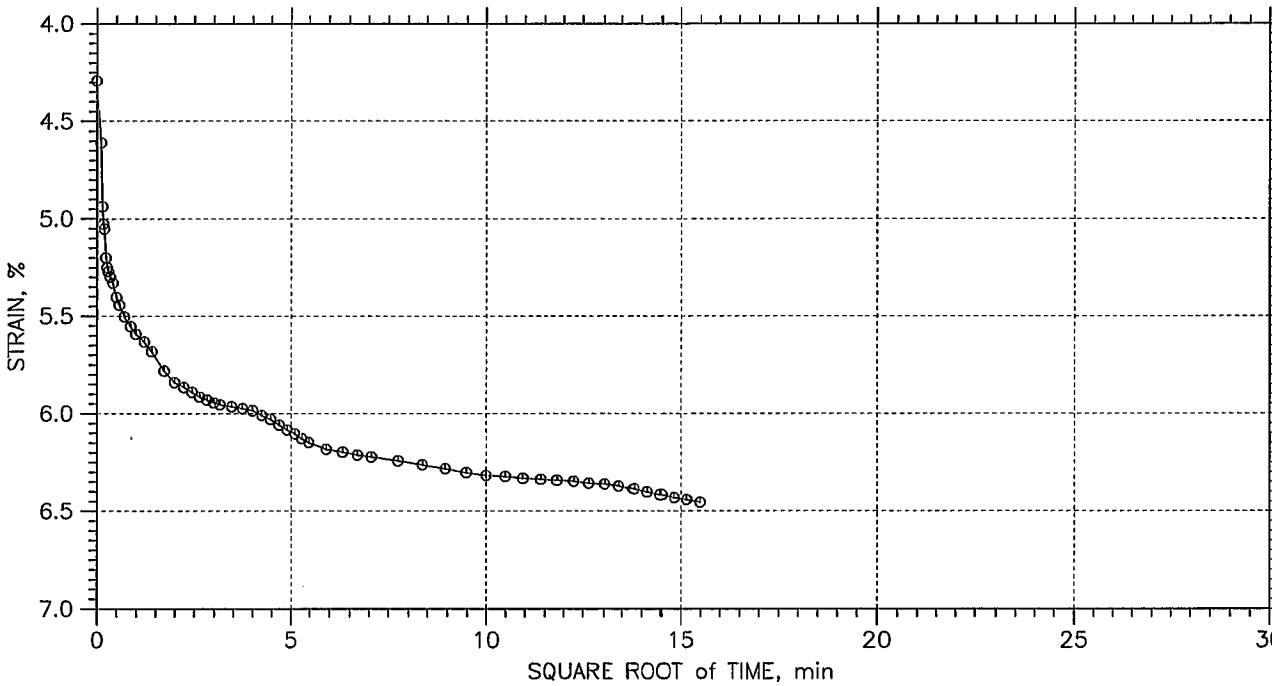
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

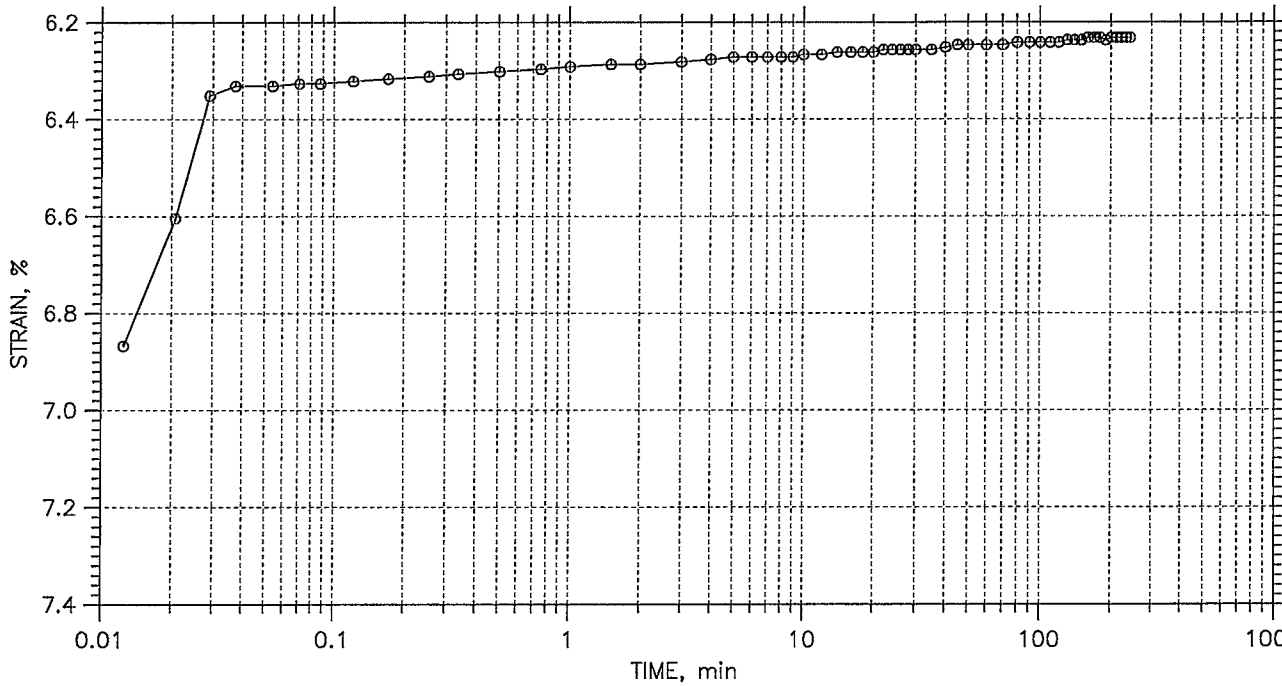
Thu, 19-APR-2007 11:14:35

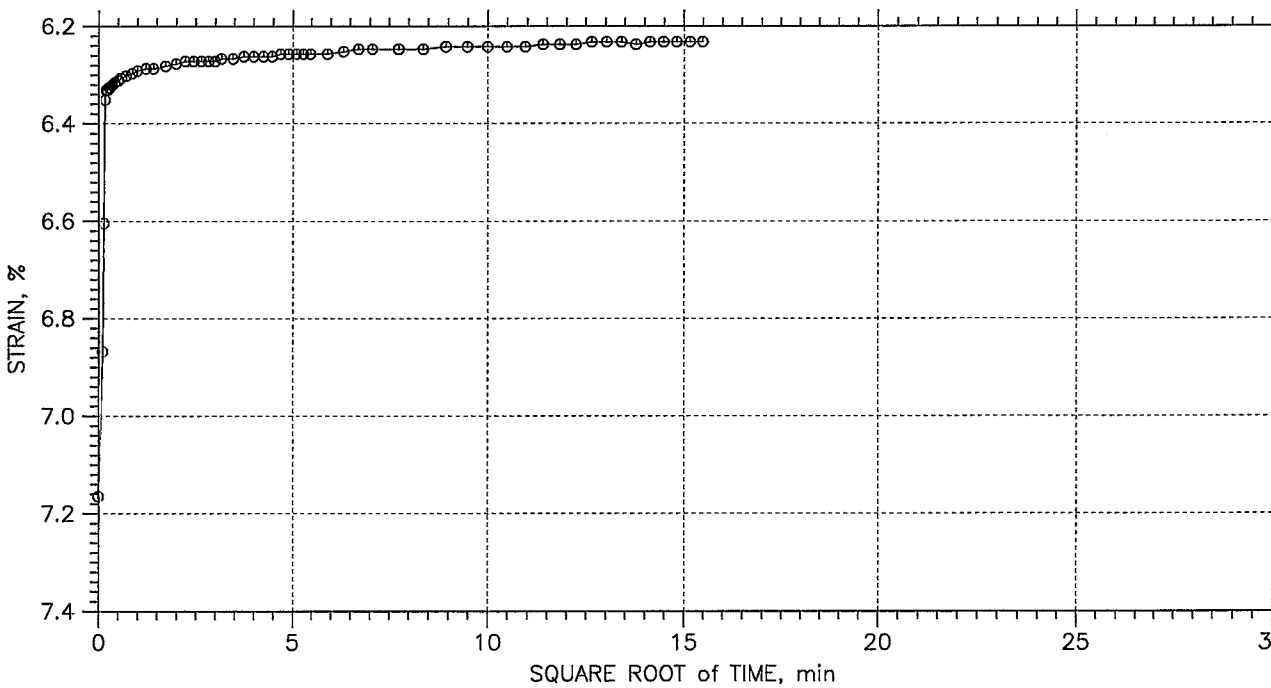
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

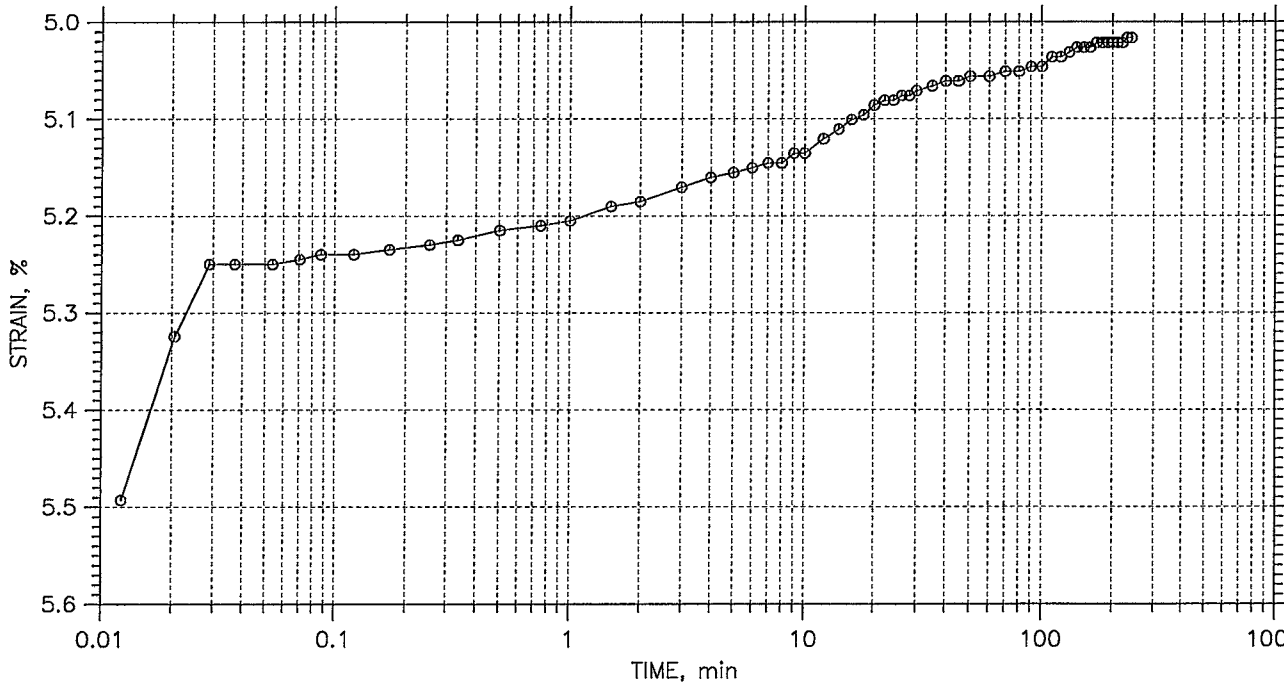
Thu, 19-APR-2007 11:14:36

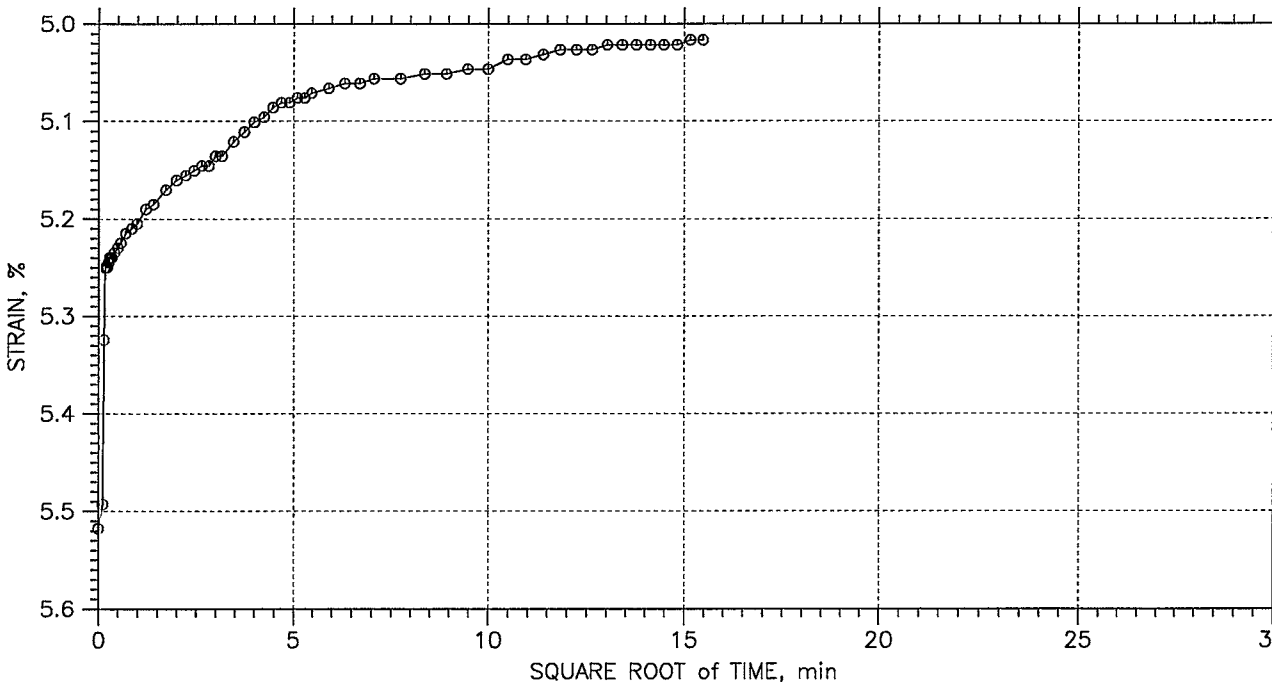
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

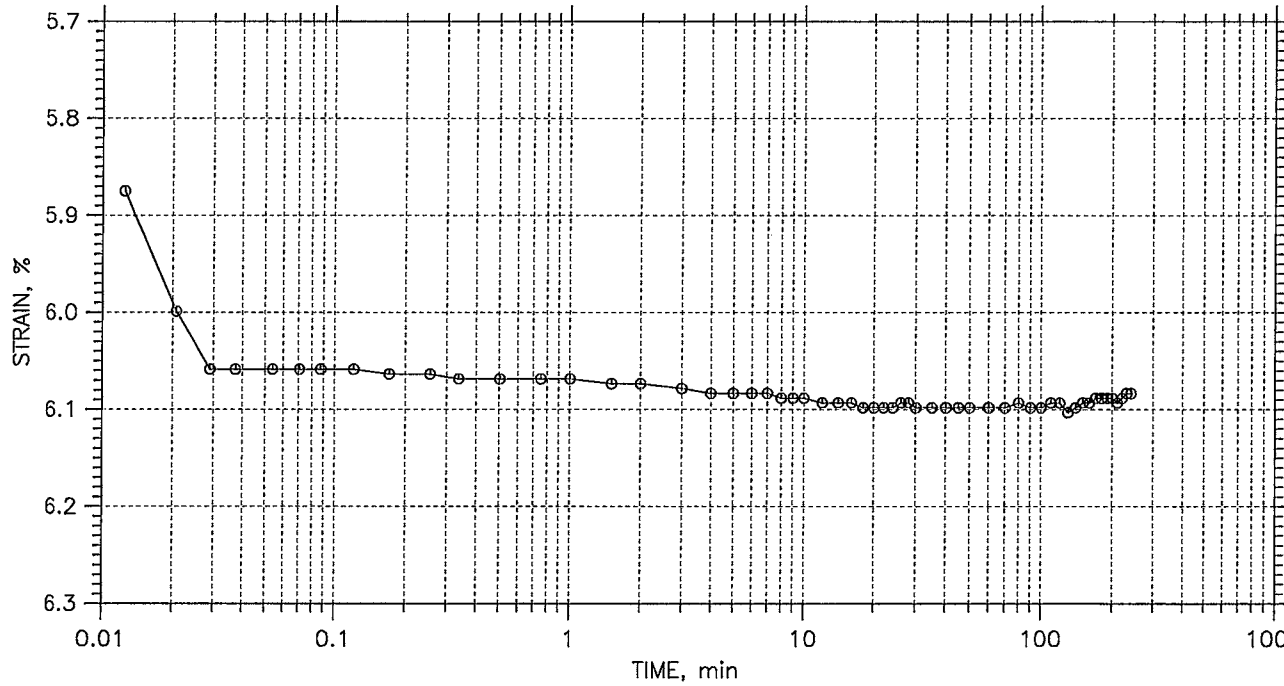
Thu, 19-APR-2007 11:14:37

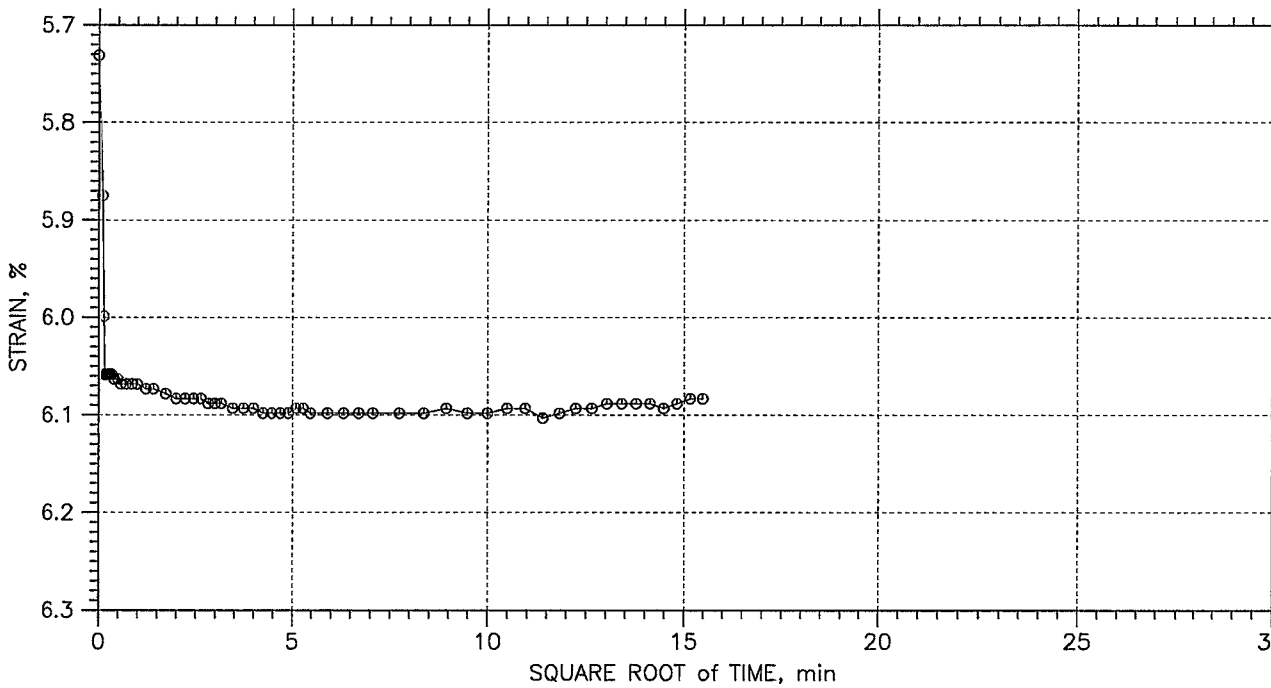
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

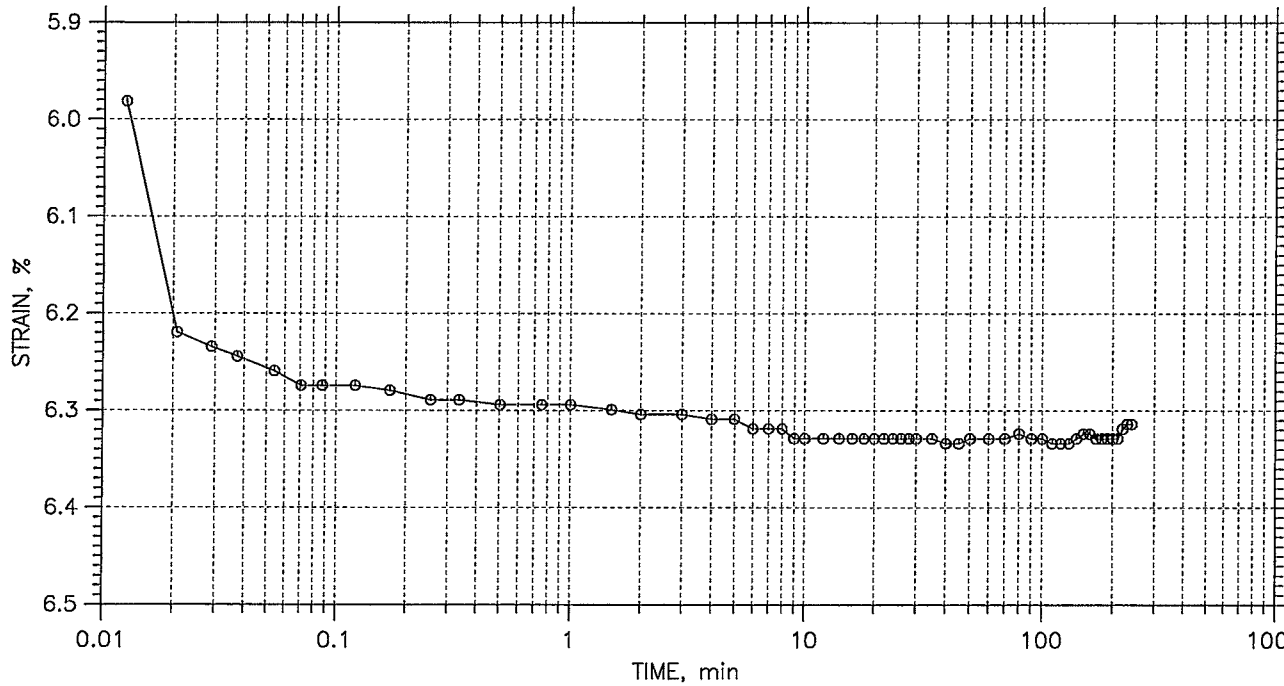
Thu, 19-APR-2007 11:14:38

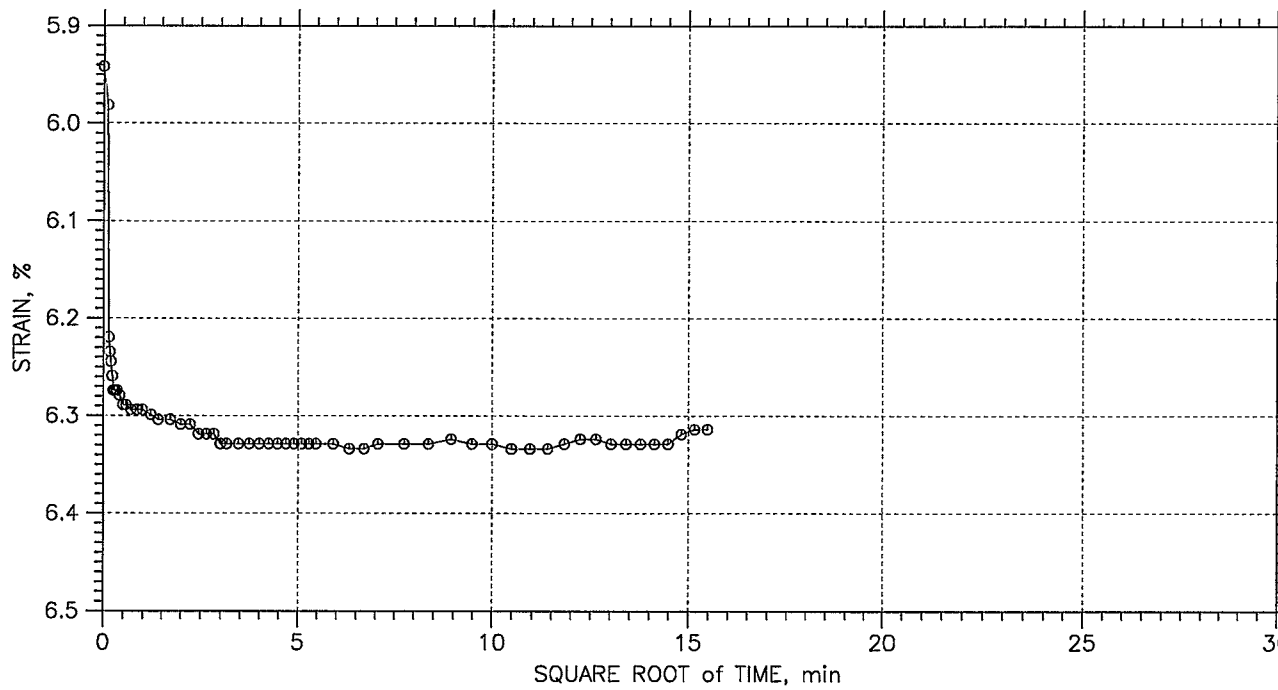
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

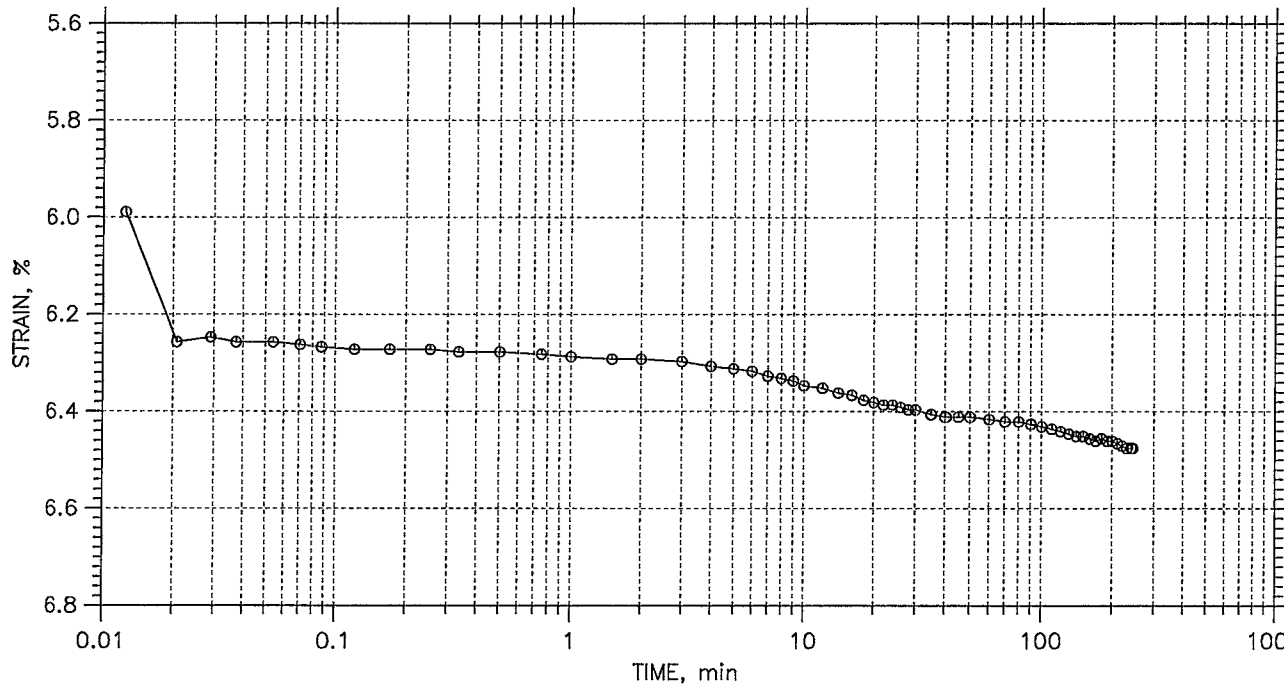
Thu, 19-APR-2007 11:14:39

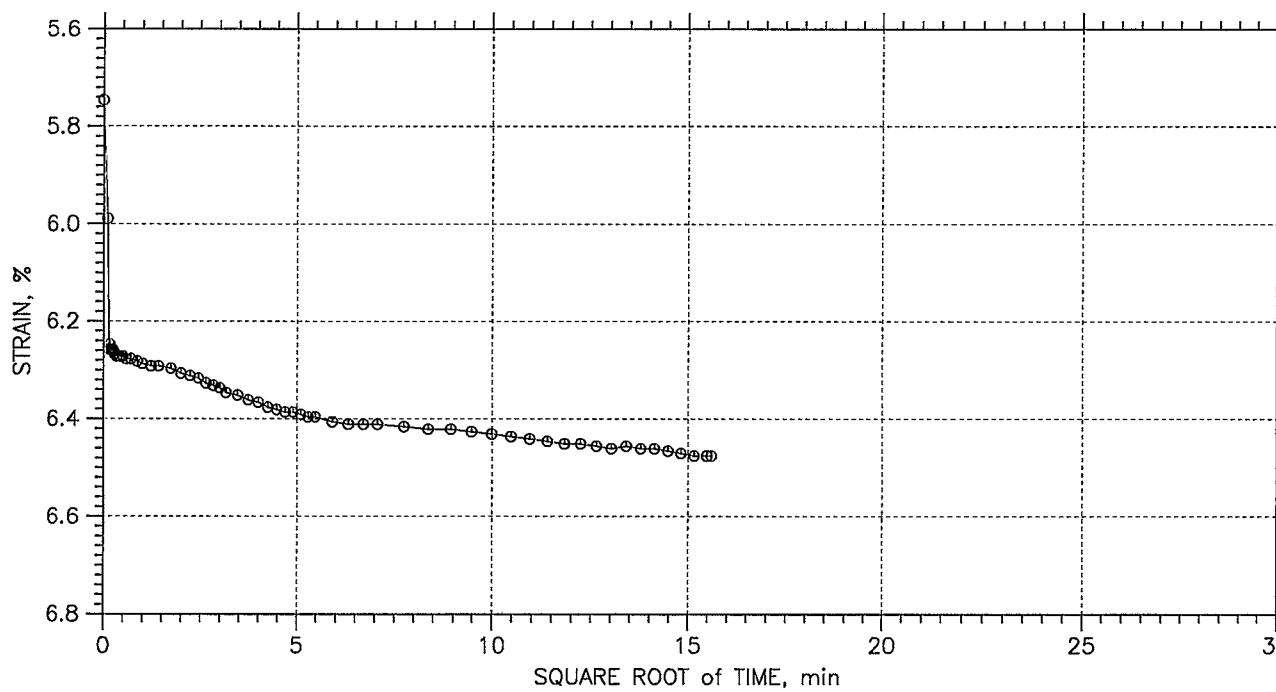
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



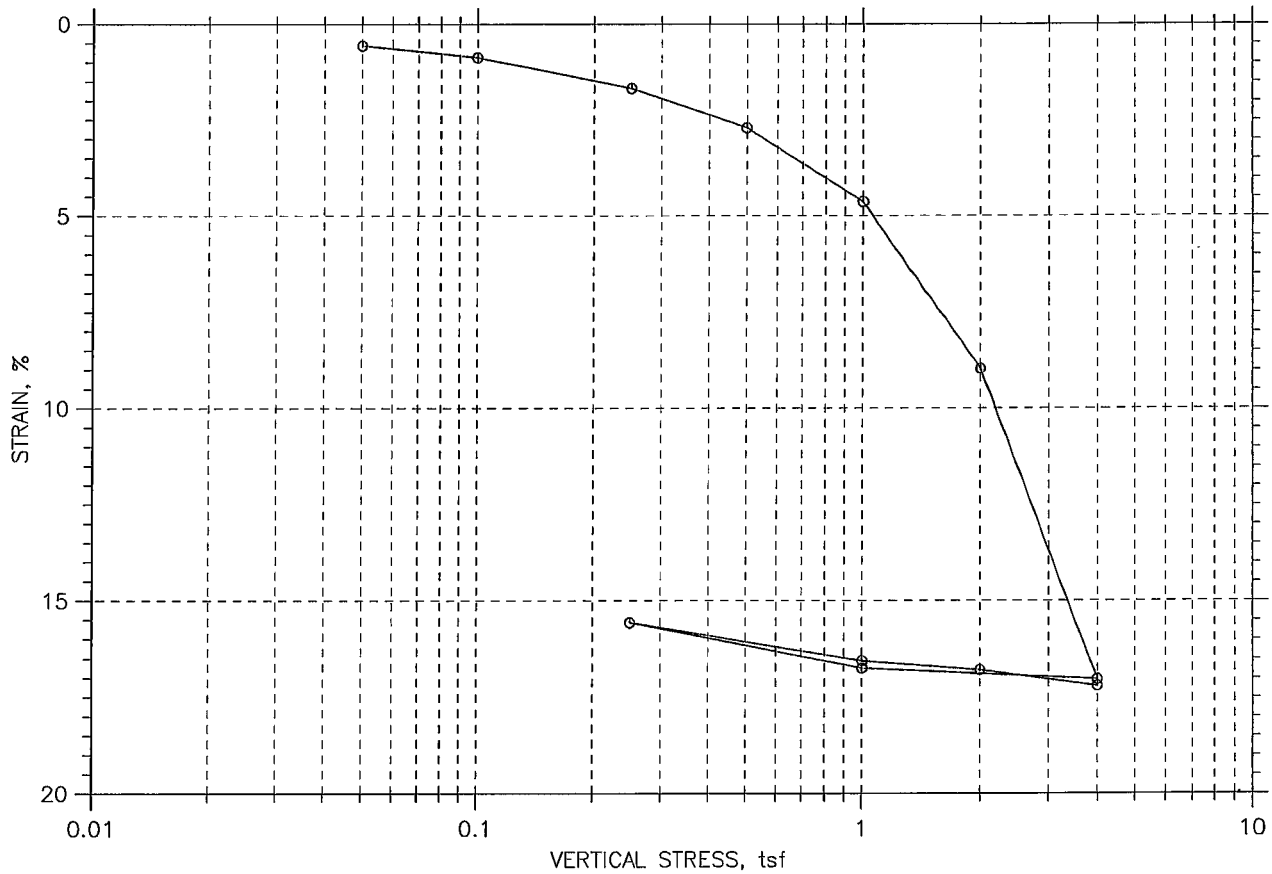


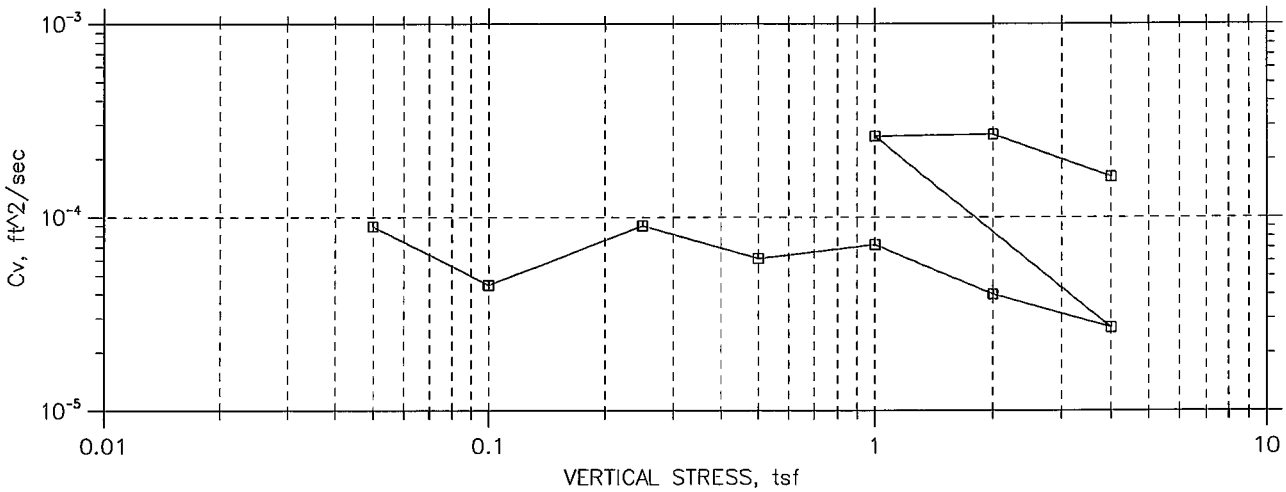
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-02	Tested By: md	Checked By: jdt
	Sample No.: OL0295-08	Test Date: 03/04/07	Depth: 27-29 ft
	Test No.: C-8	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System Q		

Thu, 19-APR-2007 11:14:40

CONSOLIDATION TEST DATA

SUMMARY REPORT



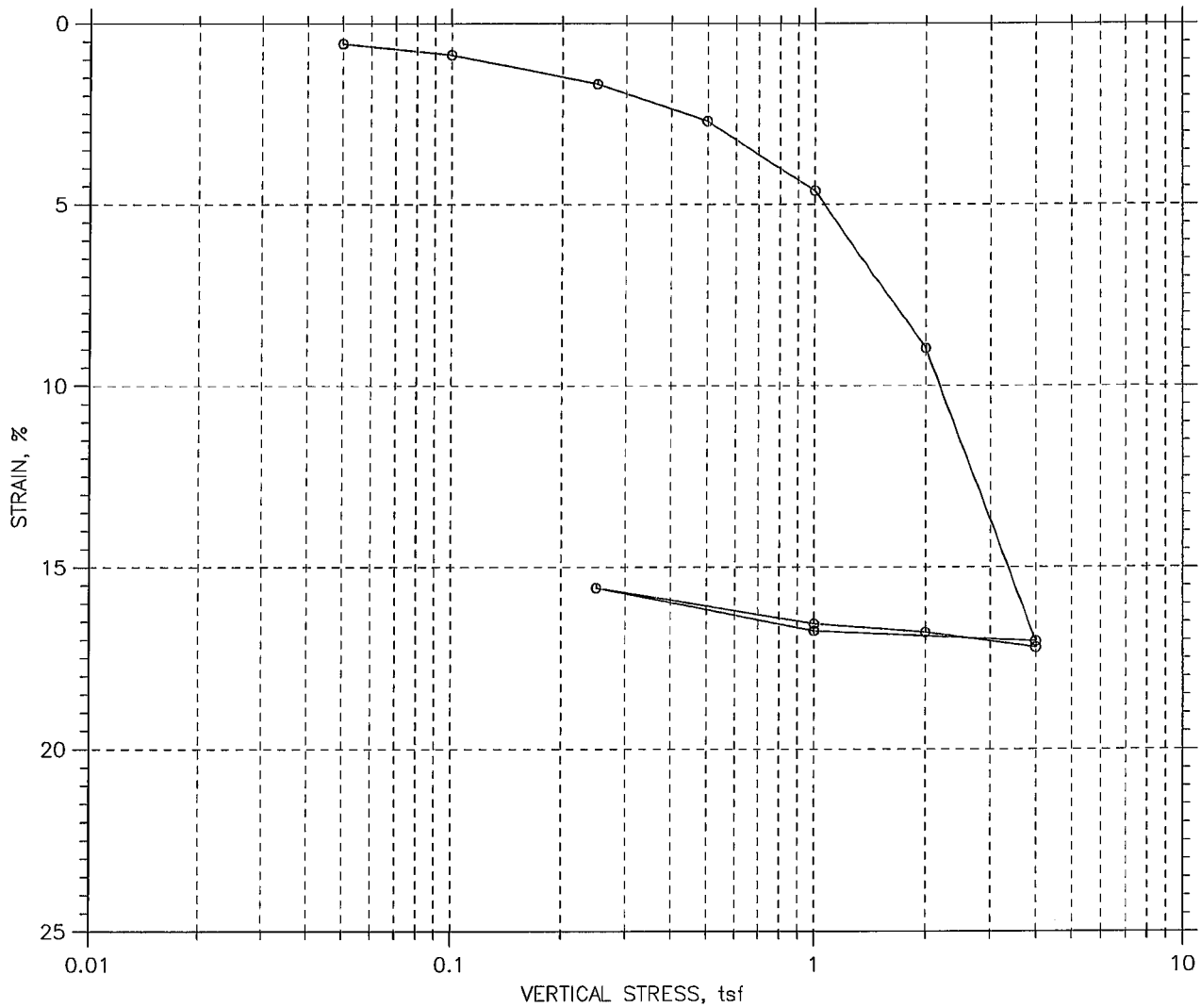


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

Wed, 04-APR-2007 09:22:52

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	192.07	157.97
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	26.31	31.78
Compression Index: ---				Saturation, %	96.61	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	5.17	4.11
LL: 168	PL: 124	PI: 44	GS: 2.60			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

Wed, 04-APR-2007 09:22:54

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ13-03
Sample No.: 0295-11
Test No.: C-6

Location: Syracuse, NY
Tested By: md
Test Date: 02/23/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, dark gray silty sand with gravel
Remarks: System Q

Measured Specific Gravity: 2.60
Initial Void Ratio: 5.17
Final Void Ratio: 4.11

Liquid Limit: 168
Plastic Limit: 124
Plasticity Index: 44

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2601	RING		ex
Wt. Container + Wet Soil, gm	119.53	315.84	304.28	96.18
Wt. Container + Dry Soil, gm	46.62	250.72	250.72	42.39
Wt. Container, gm	8.14	216.82	216.82	8.34
Wt. Dry Soil, gm	38.48	33.903	33.903	34.05
Water Content, %	189.48	192.07	157.97	157.97
Void Ratio	---	5.17	4.11	---
Degree of Saturation, %	---	96.61	100.00	---
Dry Unit Weight, pcf	---	26.311	31.78	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ13-03
Sample No.: 0295-11
Test No.: C-6

Location: Syracuse, NY
Tested By: md
Test Date: 02/23/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, dark gray silty sand with gravel
Remarks: System Q

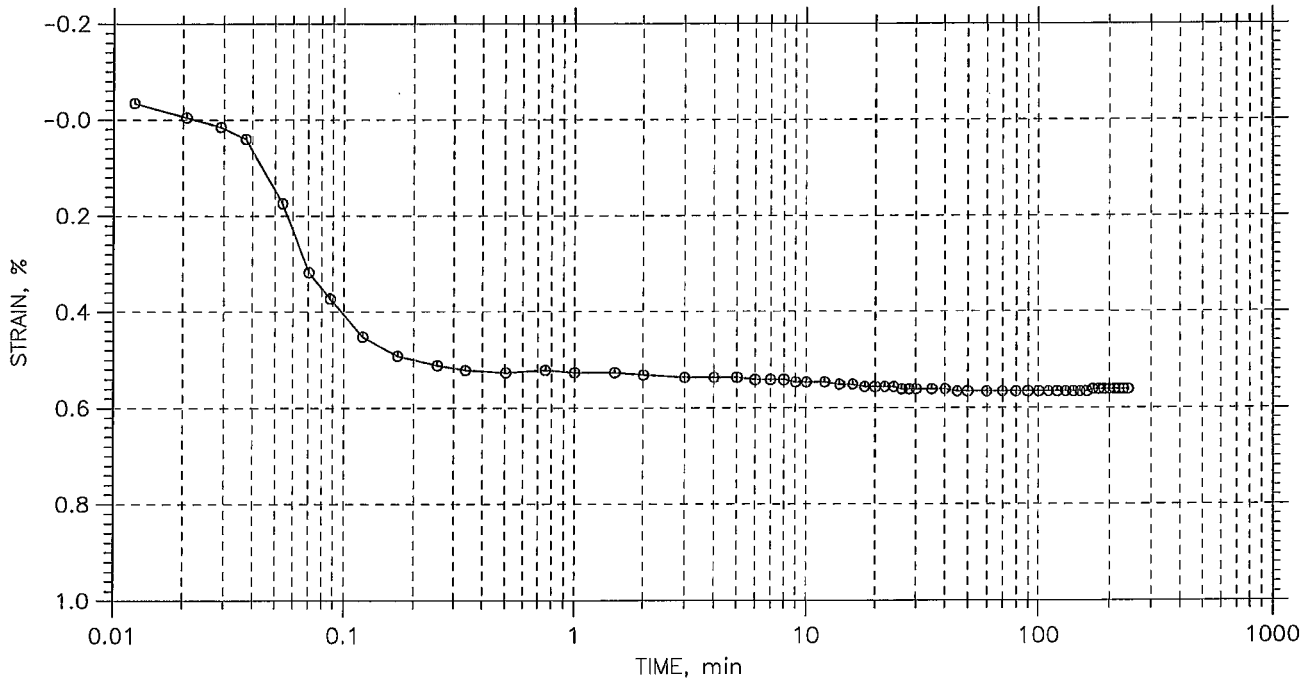
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.00561	5.134	0.56	0.1	0.0	8.96e-005	0.00e+000	8.96e-005
2	0.1	0.008684	5.115	0.87	0.1	0.0	4.46e-005	0.00e+000	4.46e-005
3	0.25	0.01672	5.066	1.67	0.1	0.1	7.84e-005	1.07e-004	9.05e-005
4	0.5	0.02699	5.002	2.70	0.1	0.0	6.12e-005	0.00e+000	6.12e-005
5	1	0.04624	4.884	4.62	0.1	0.1	5.97e-005	9.09e-005	7.21e-005
6	2	0.08966	4.616	8.97	0.1	0.1	3.70e-005	4.35e-005	4.00e-005
7	4	0.1703	4.118	17.03	0.2	0.1	2.30e-005	3.24e-005	2.69e-005
8	1	0.1675	4.136	16.75	0.0	0.0	1.96e-004	0.00e+000	1.96e-004
9	0.25	0.1557	4.209	15.57	0.1	0.0	7.76e-005	0.00e+000	7.76e-005
10	1	0.1656	4.147	16.56	0.0	0.0	2.62e-004	0.00e+000	2.62e-004
11	2	0.1679	4.133	16.79	0.0	0.0	2.68e-004	0.00e+000	2.68e-004
12	4	0.1721	4.107	17.21	0.0	0.0	1.62e-004	0.00e+000	1.62e-004

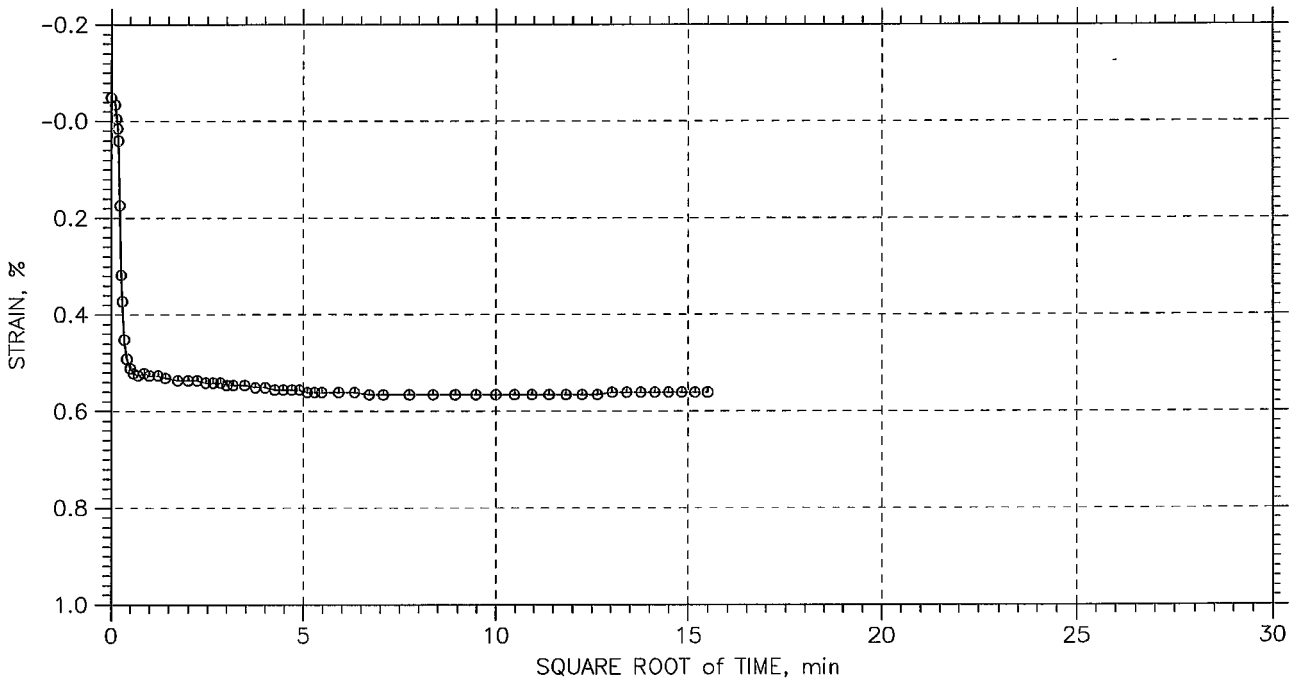
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

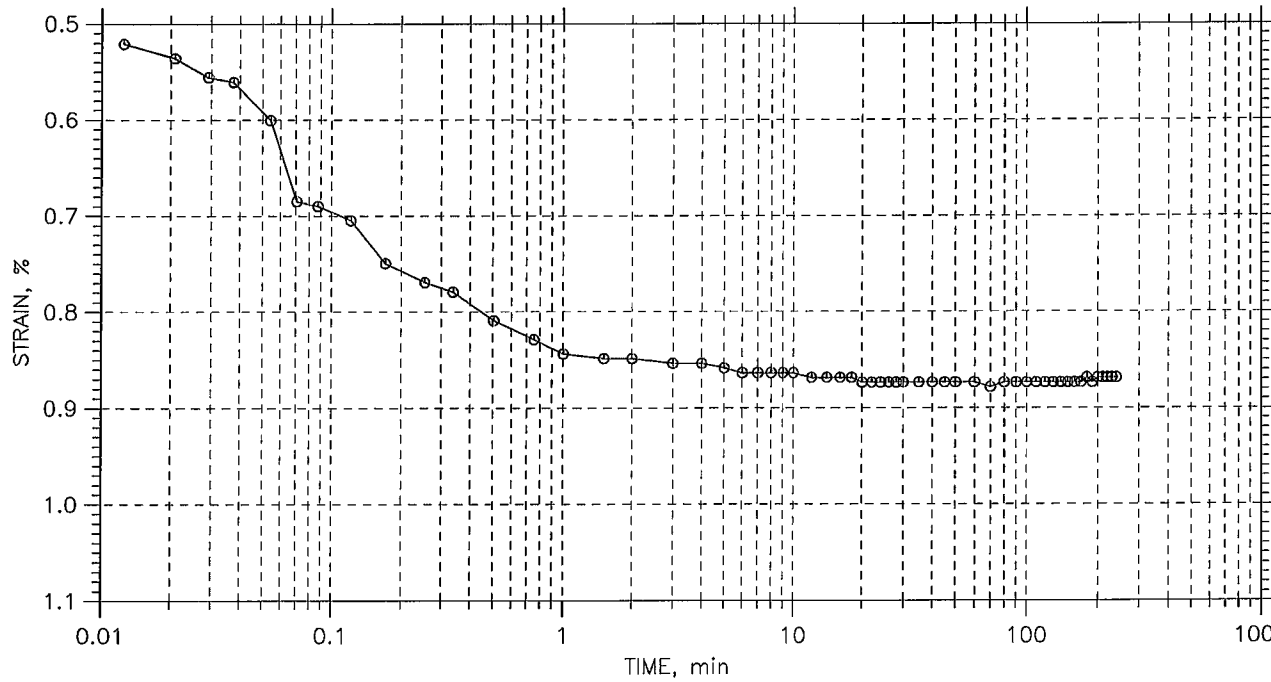
Wed, 04-APR-2007 09:22:57

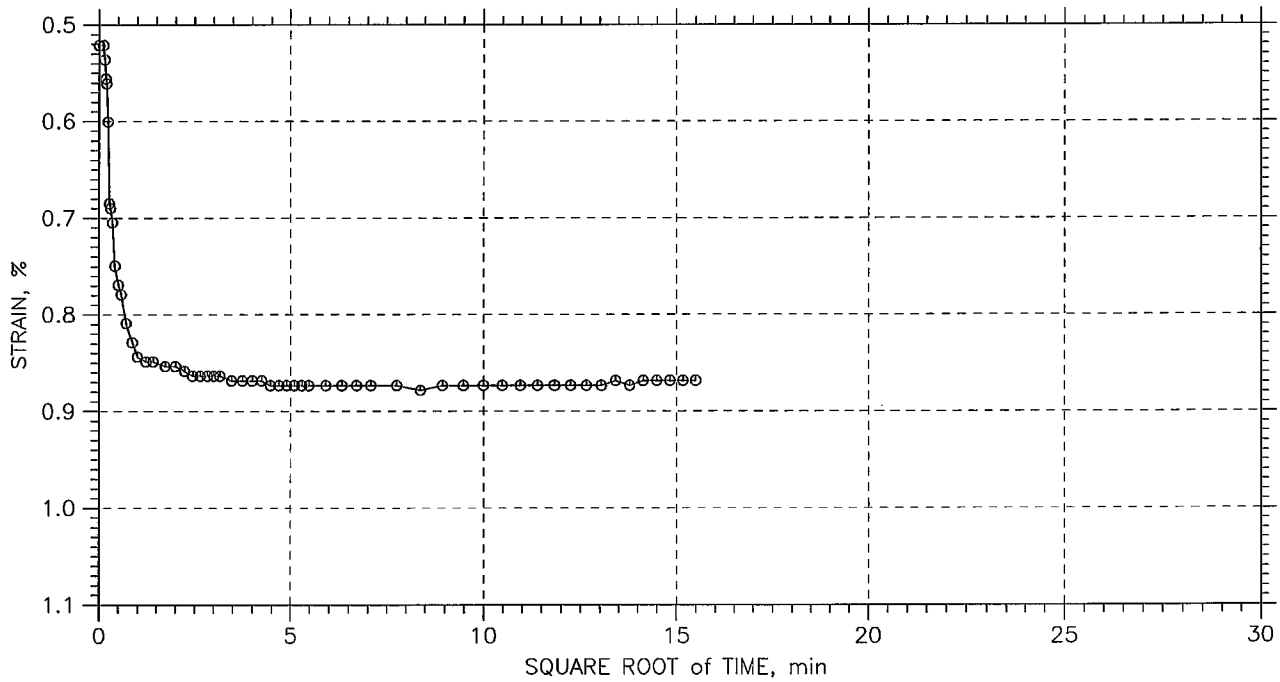
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

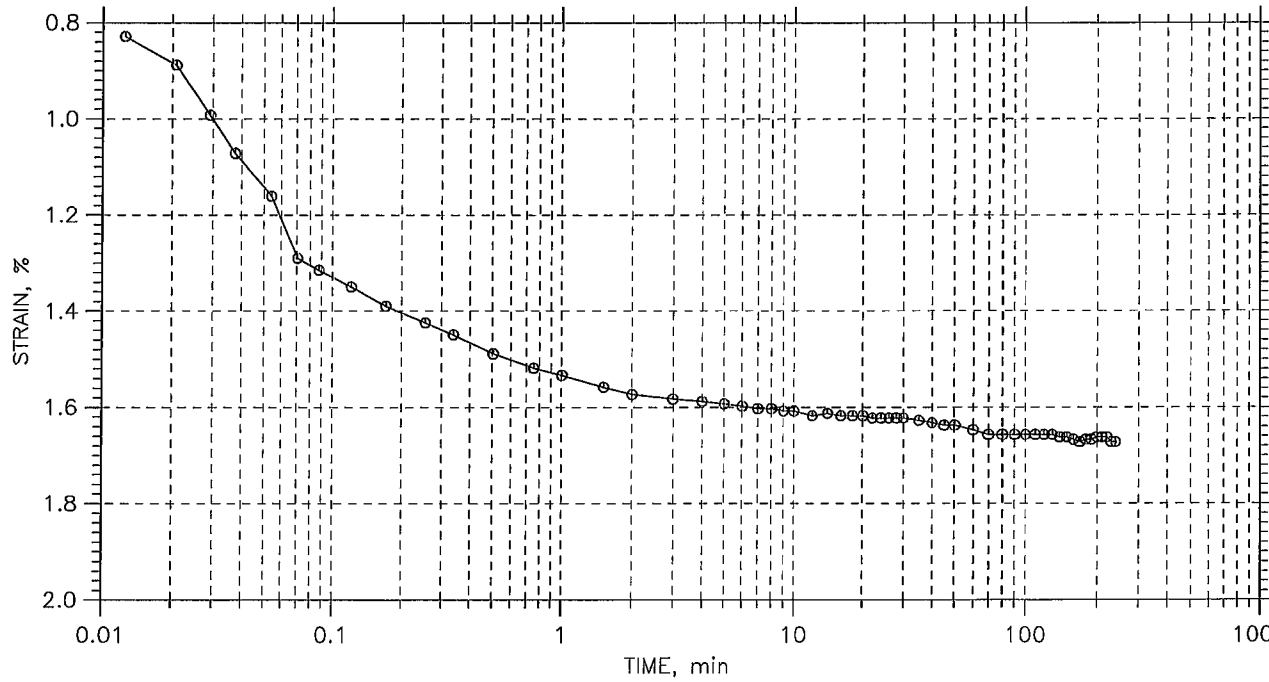
Wed, 04-APR-2007 09:22:59

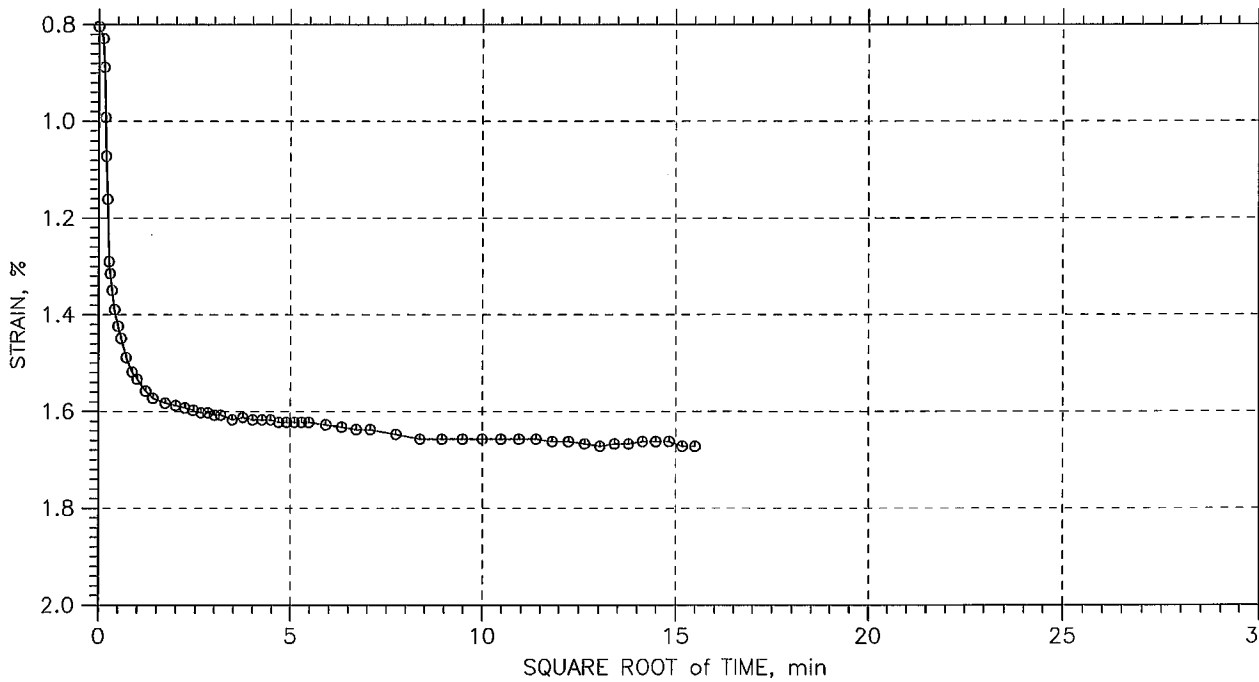
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

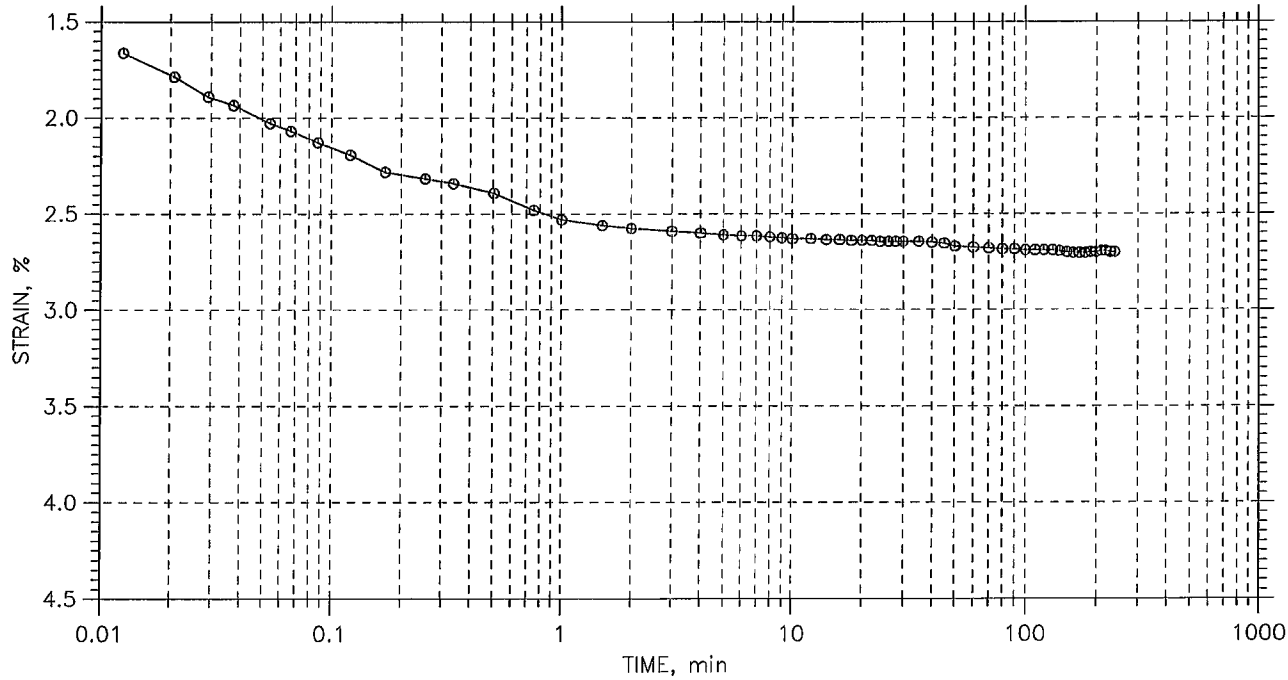
Wed, 04-APR-2007 09:23:02

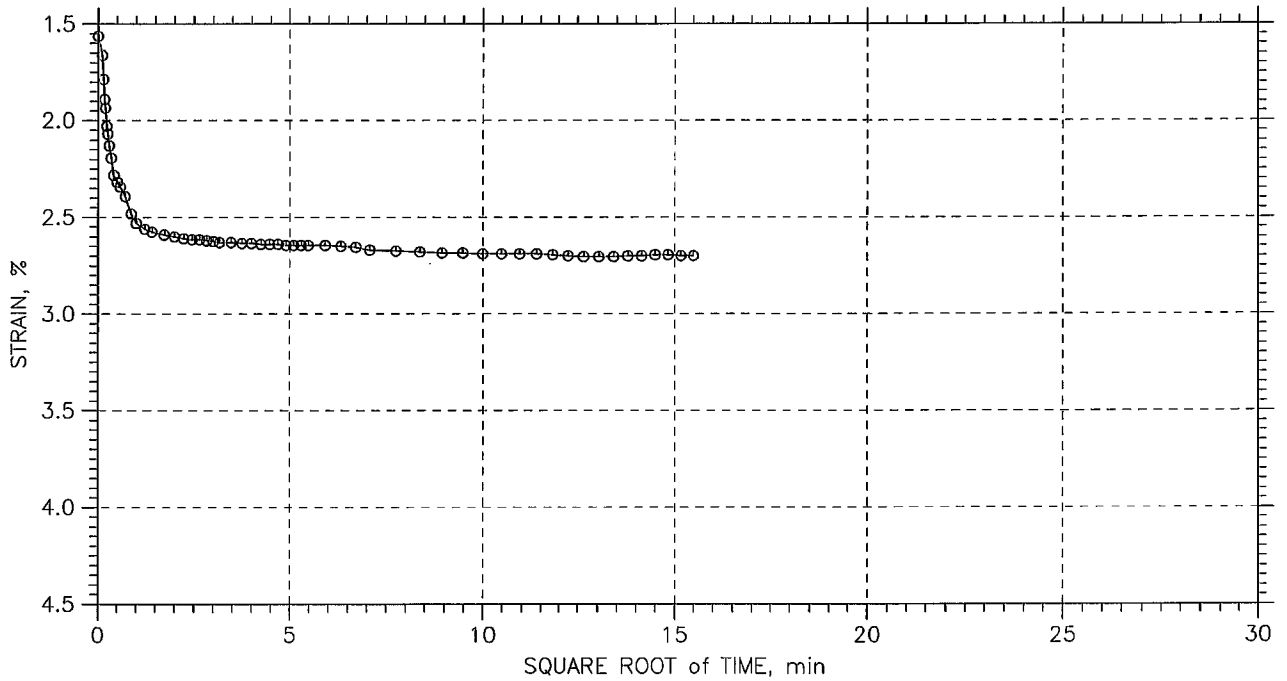
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

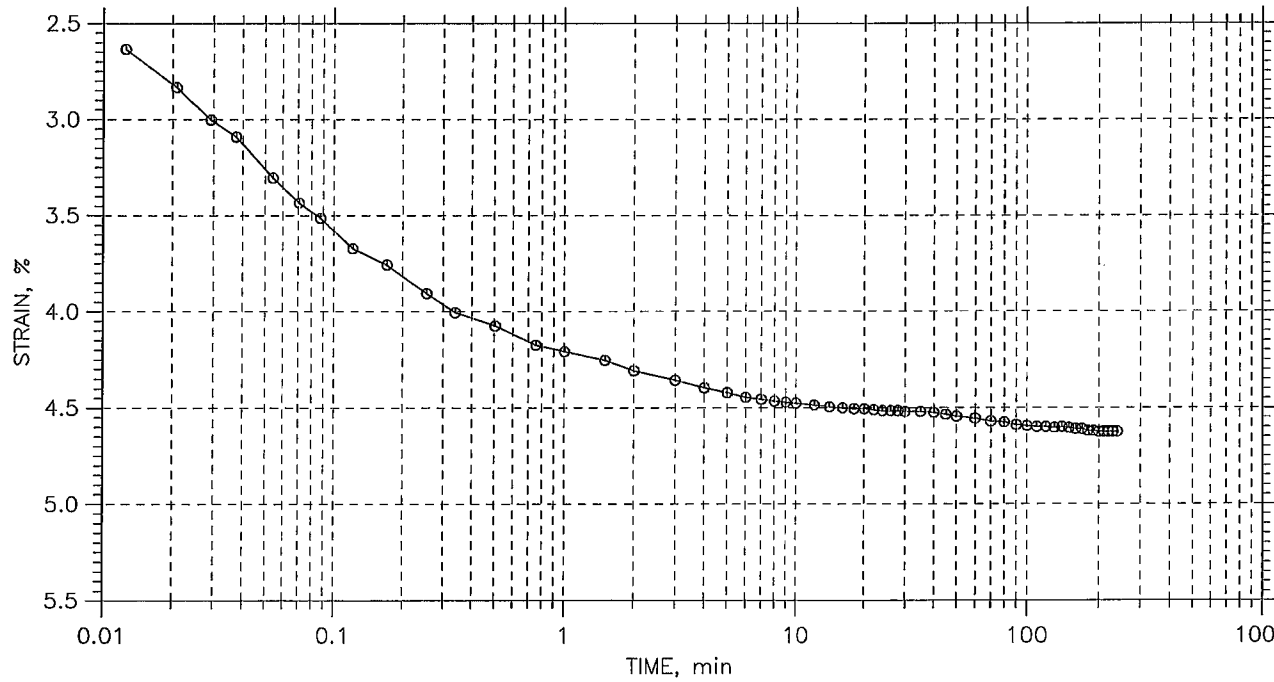
Wed, 04-APR-2007 09:23:04

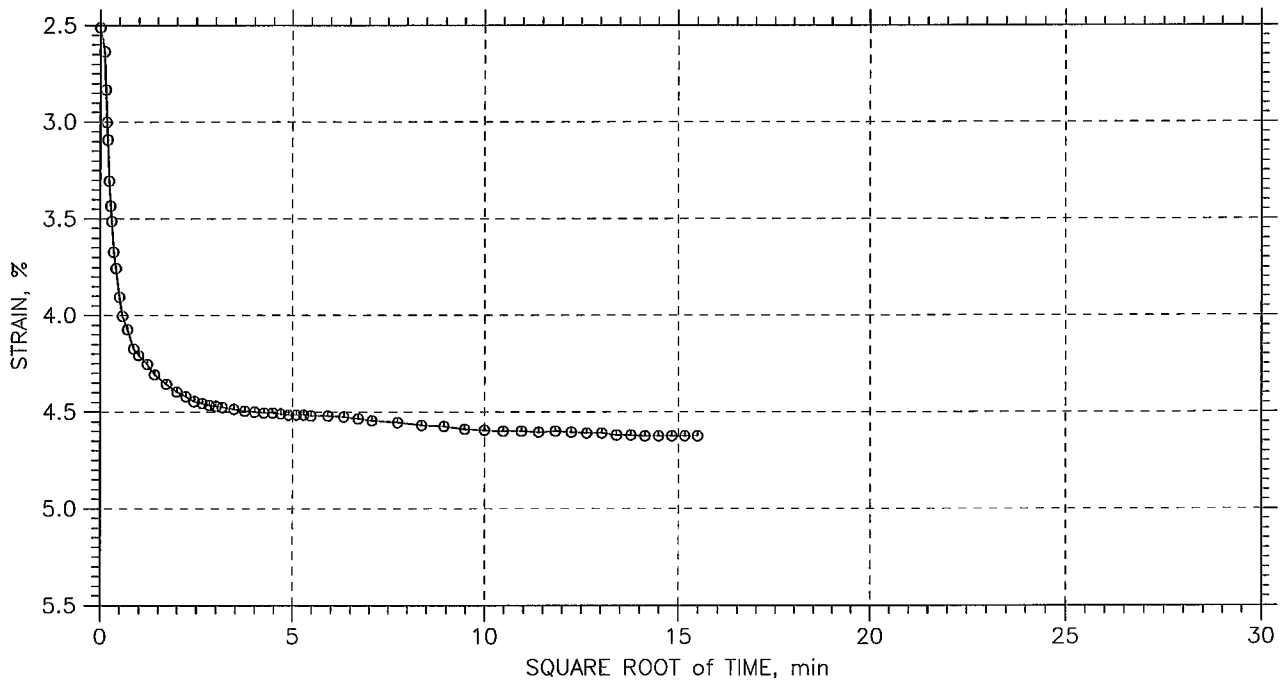
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

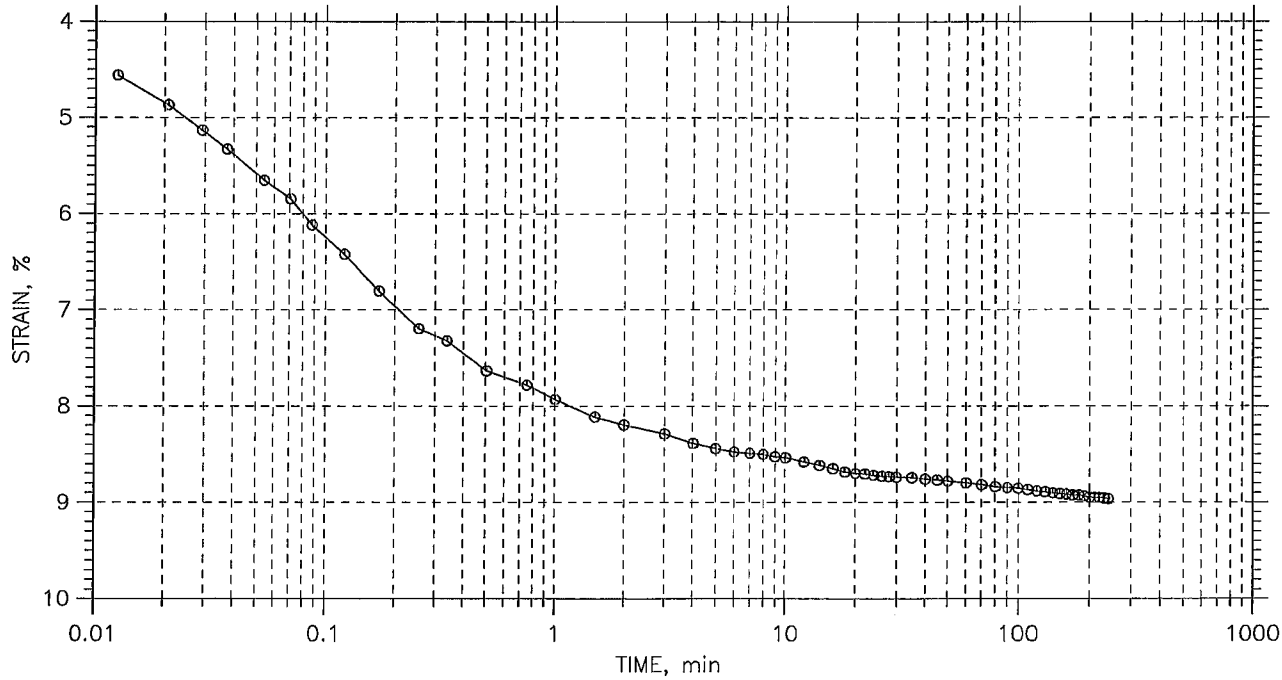
Wed, 04-APR-2007 09:23:08

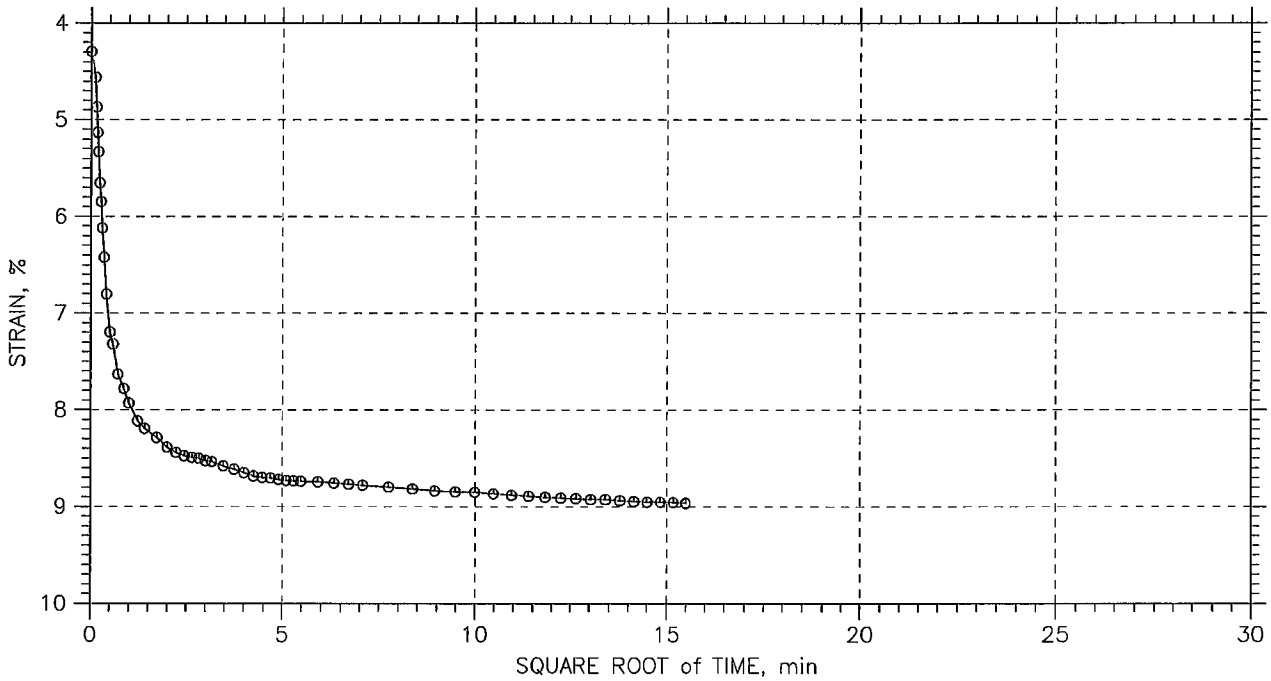
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

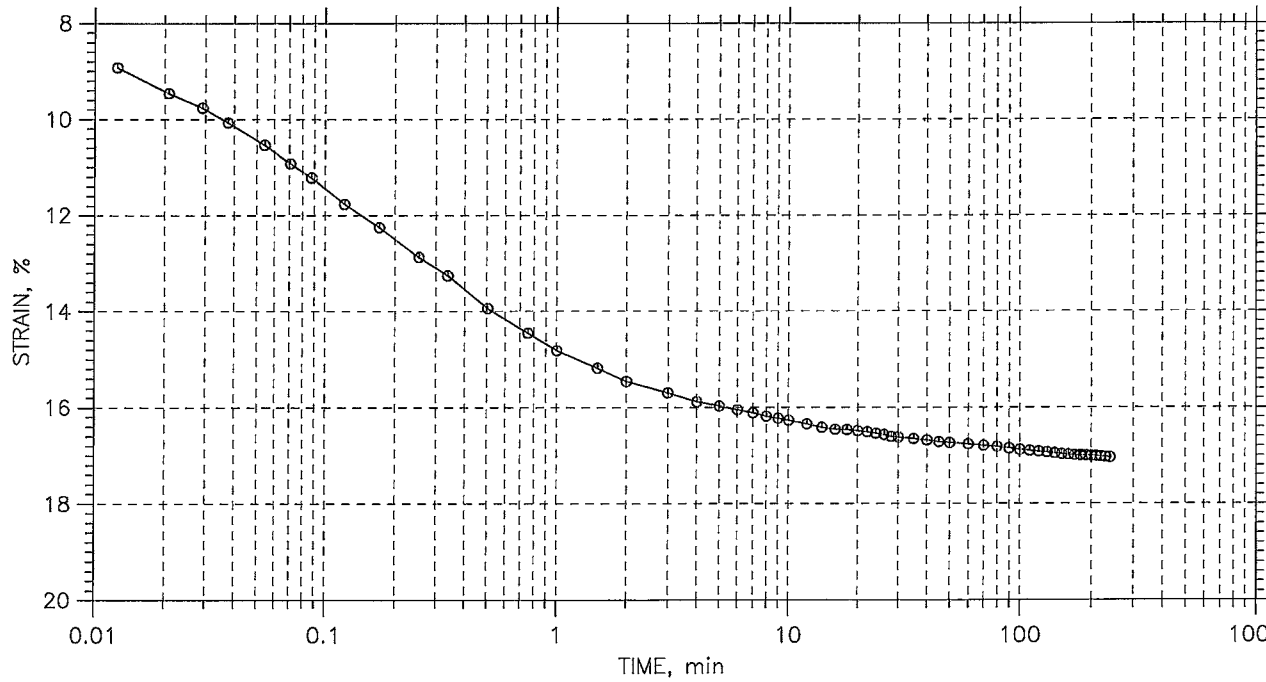
Wed, 04-APR-2007 09:23:10

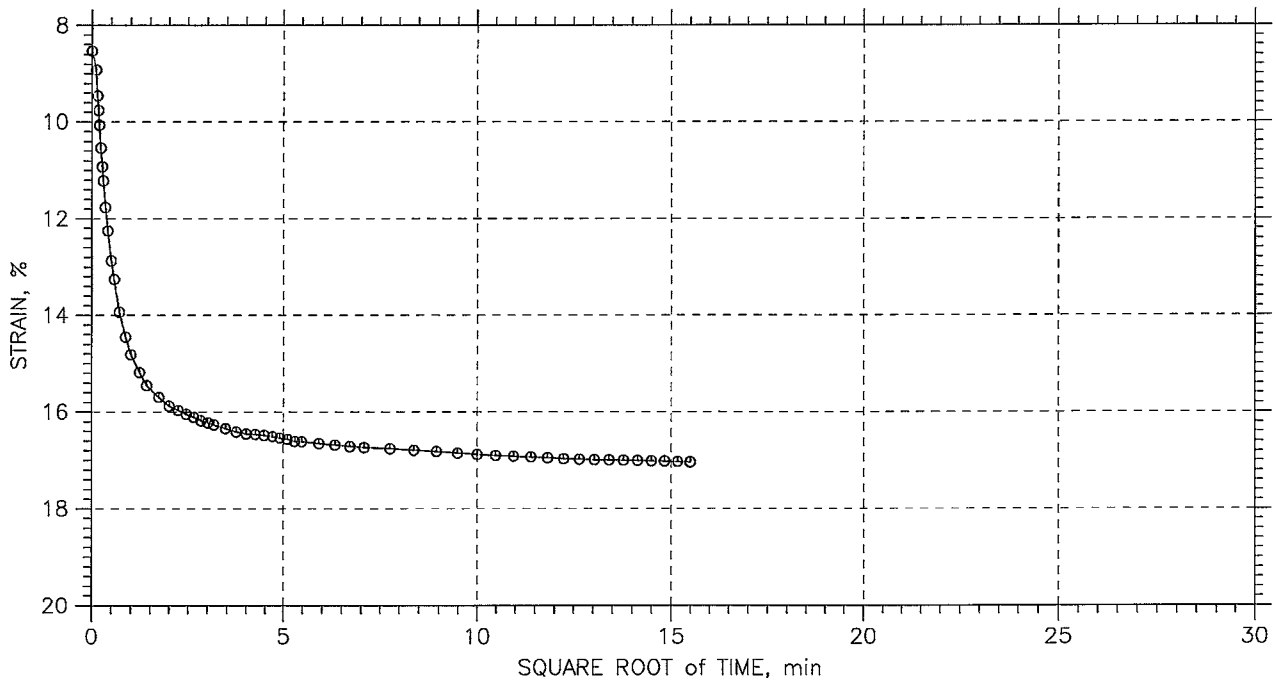
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

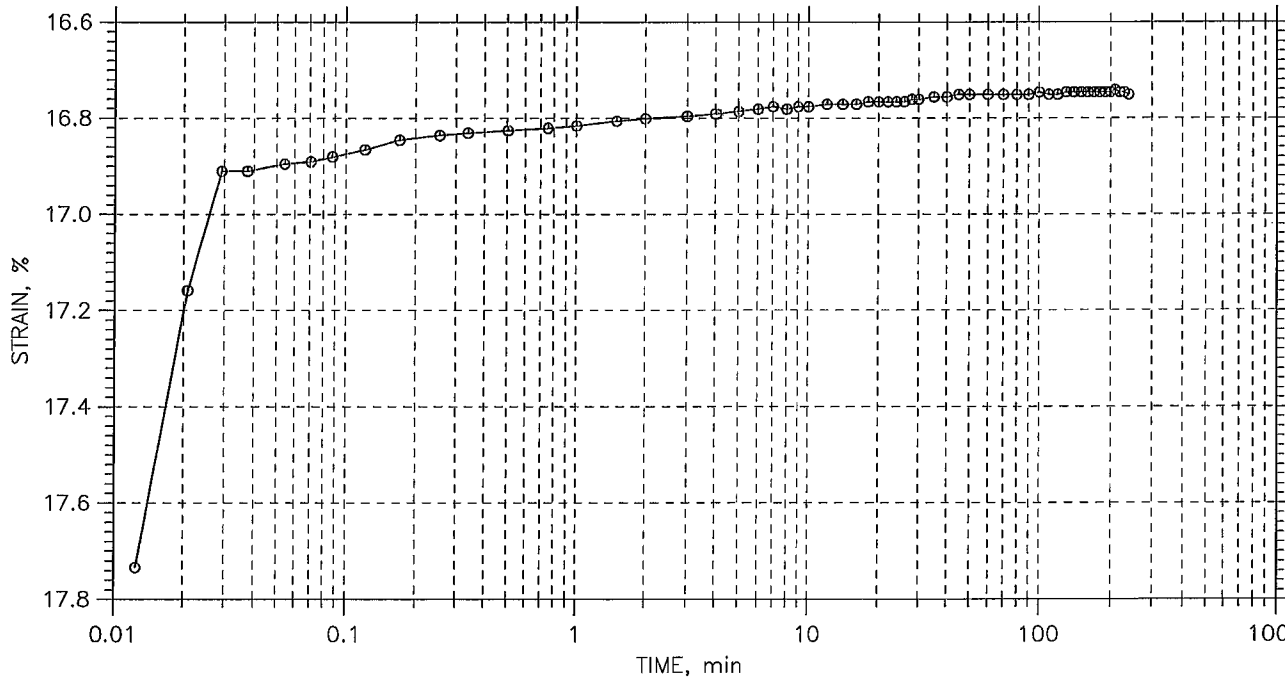
Wed, 04-APR-2007 09:23:12

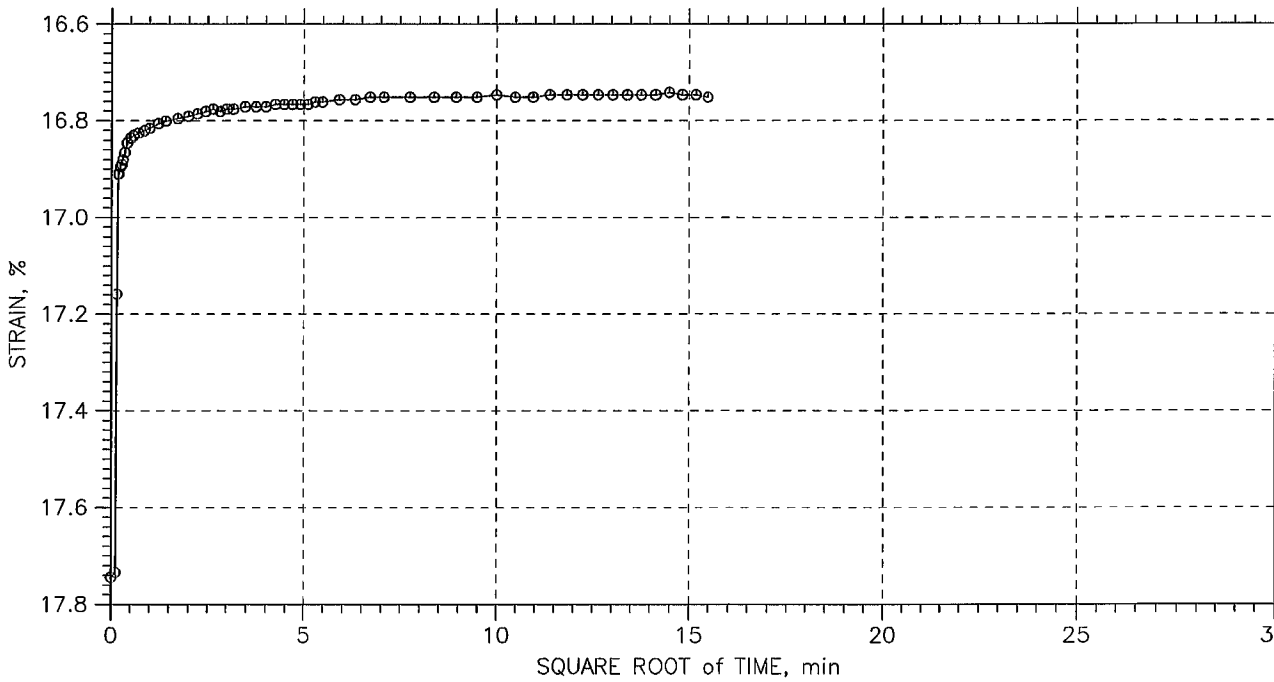
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

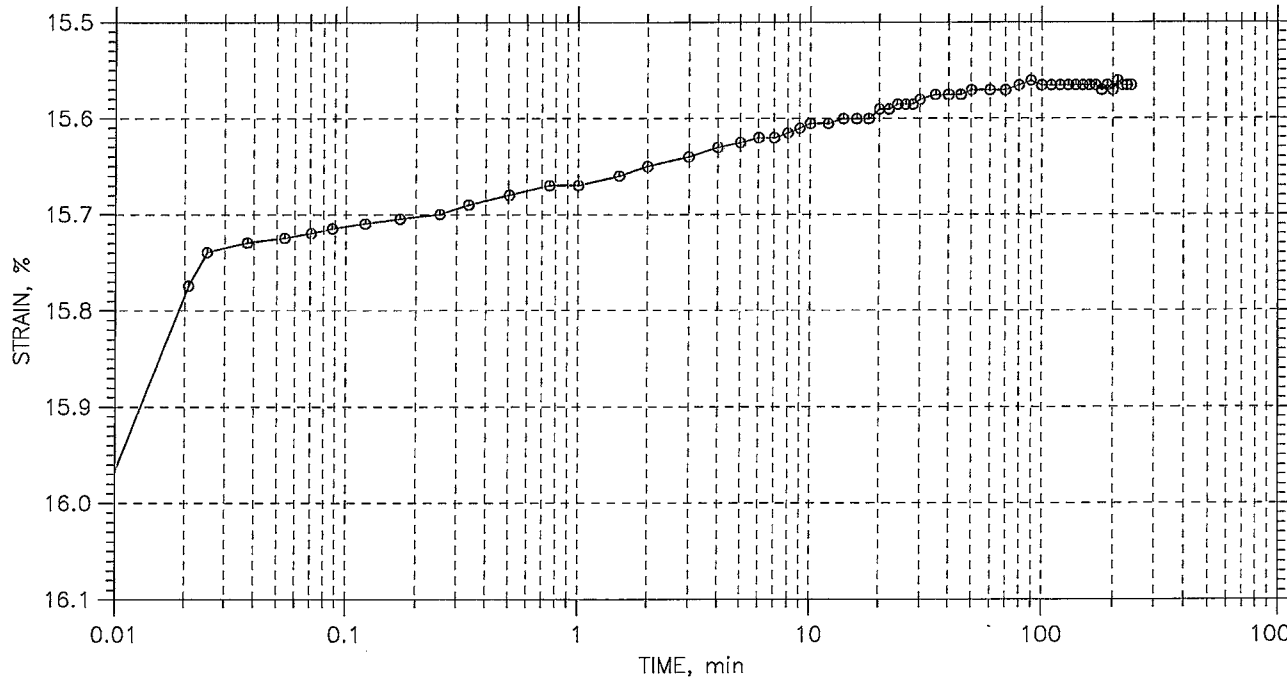
Wed, 04-APR-2007 09:23:14

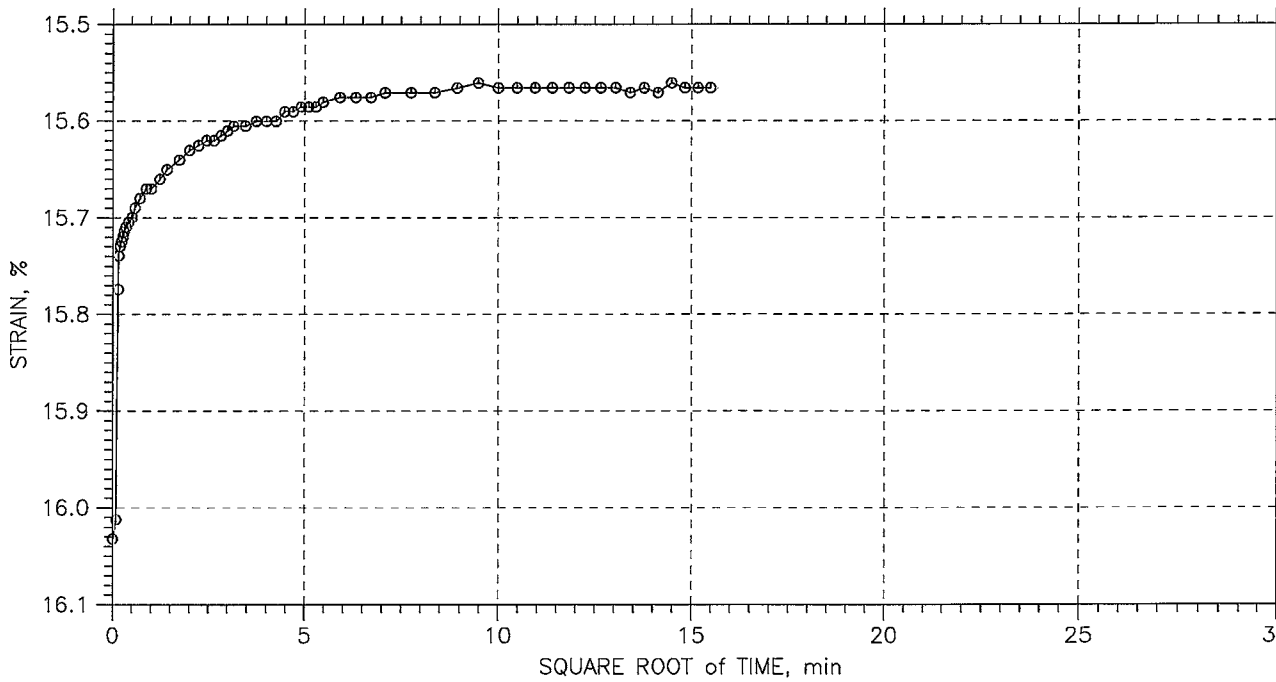
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

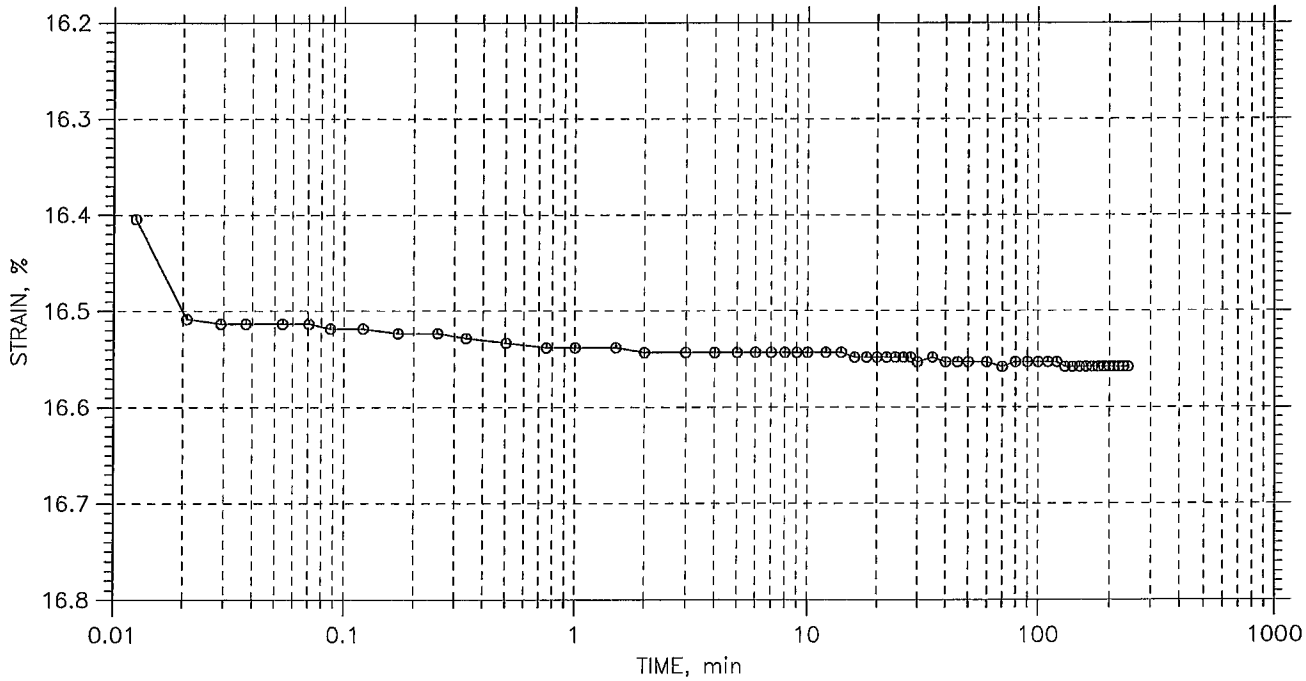
Wed, 04-APR-2007 09:23:18

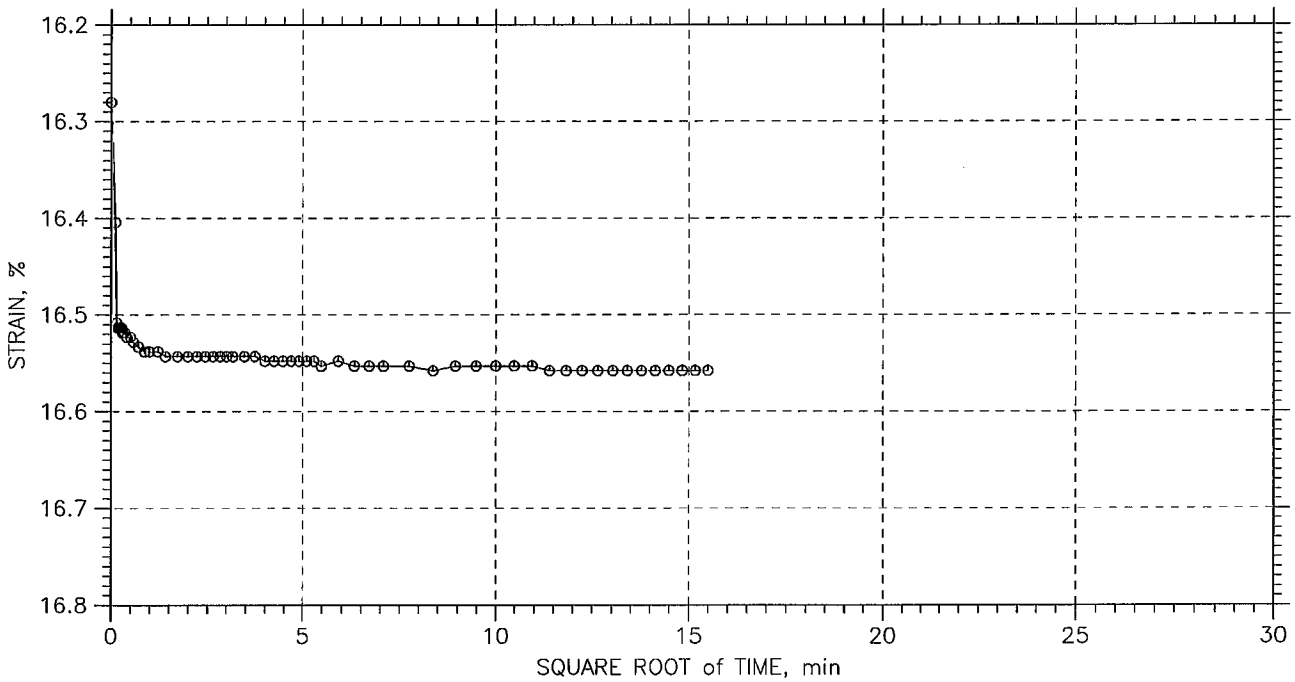
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

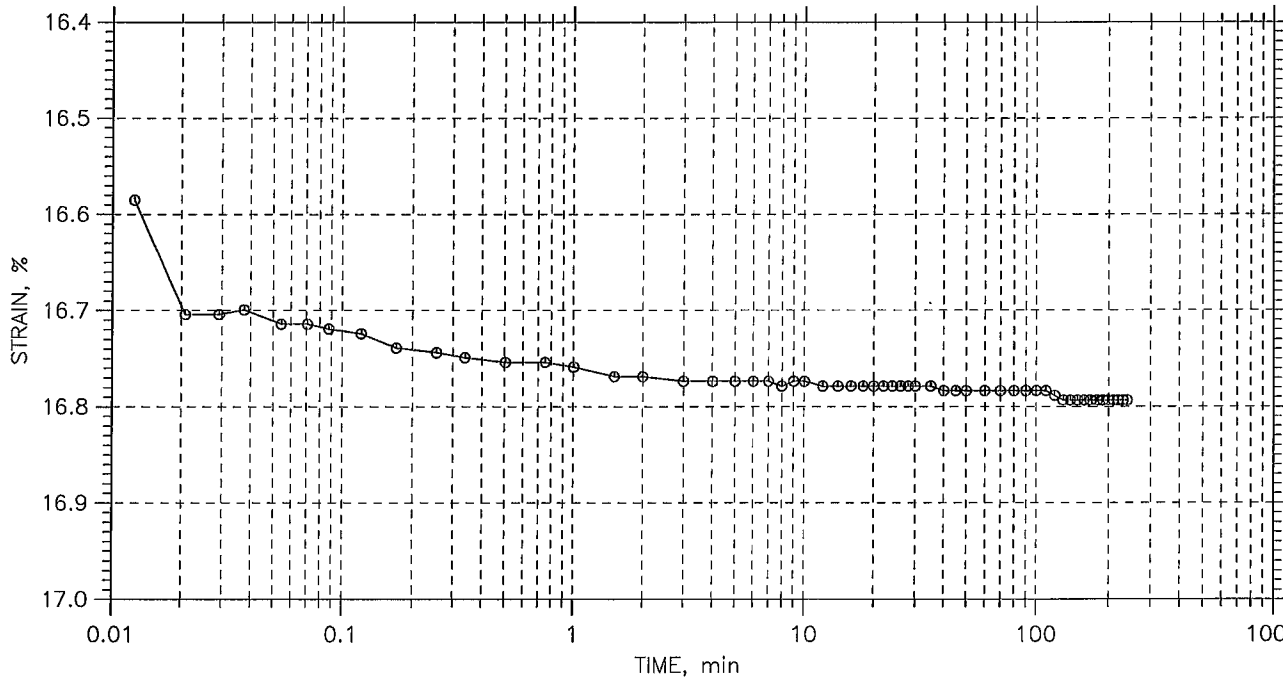
Wed, 04-APR-2007 09:23:20

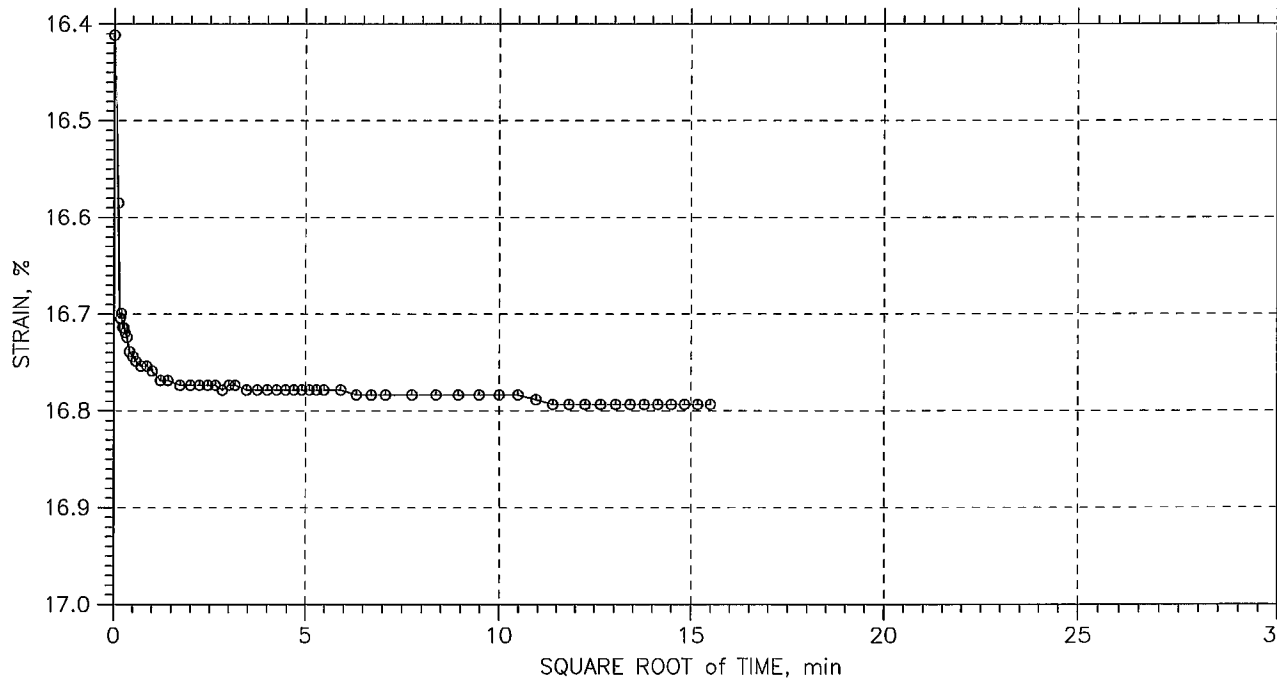
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

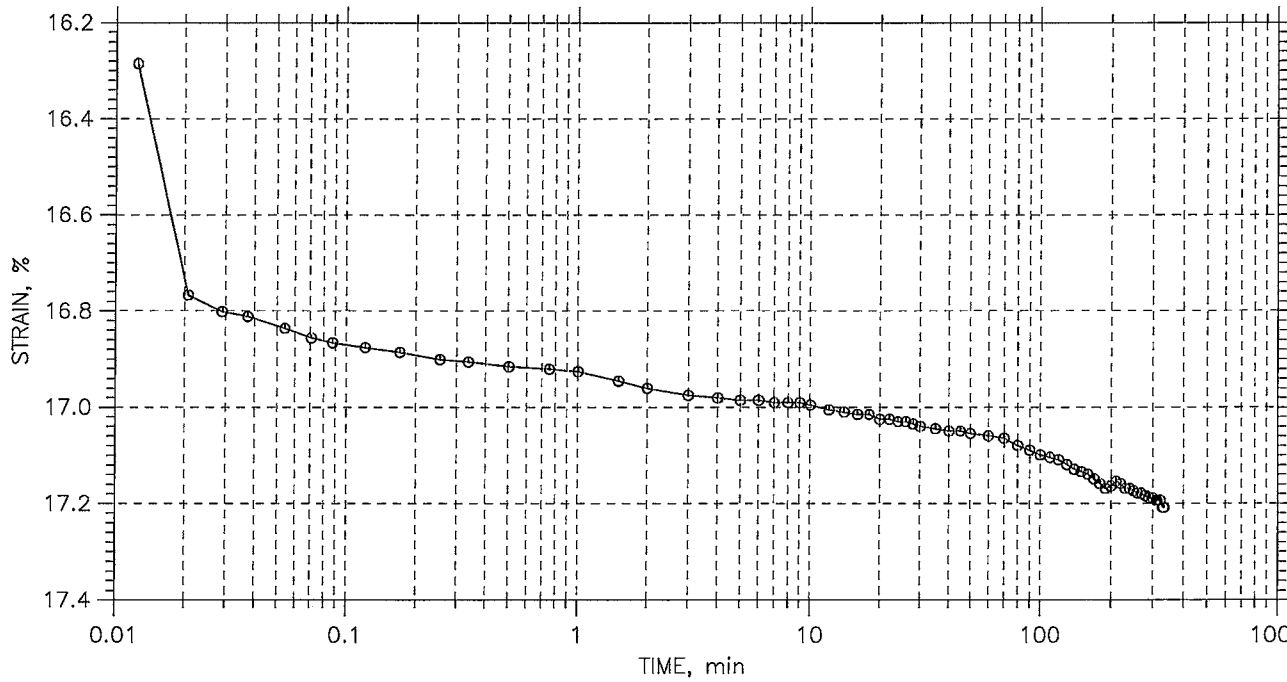
Wed, 04-APR-2007 09:23:23

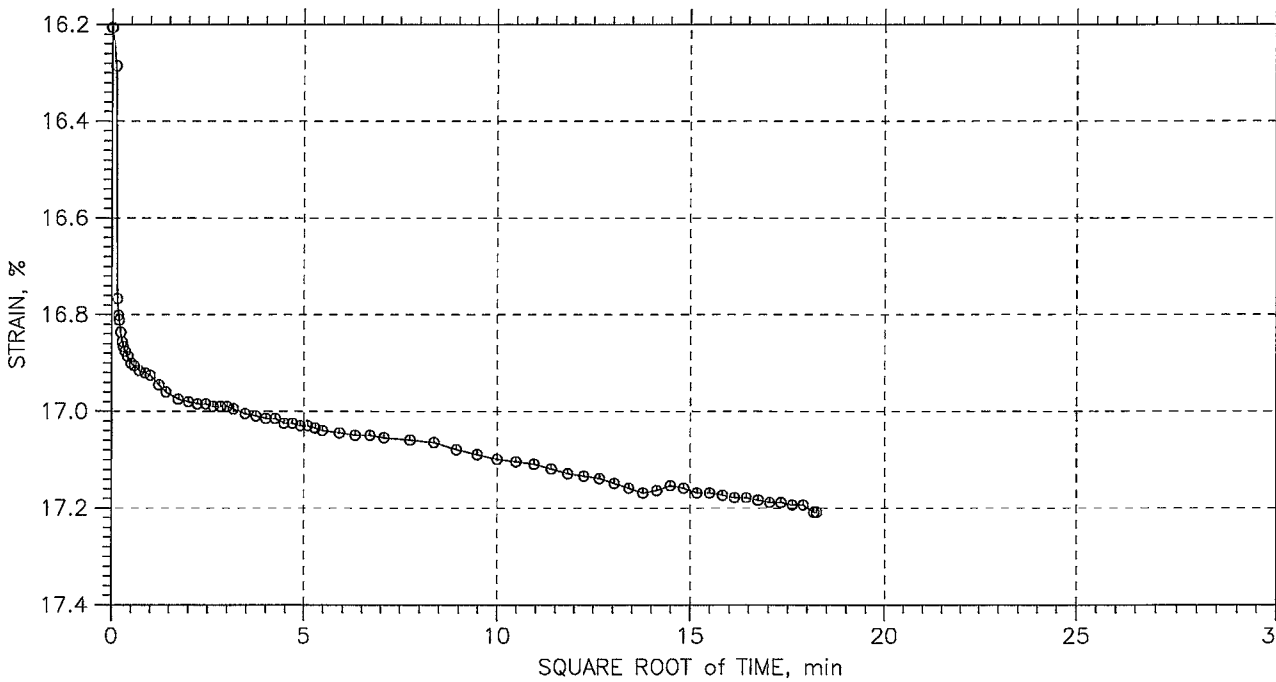
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



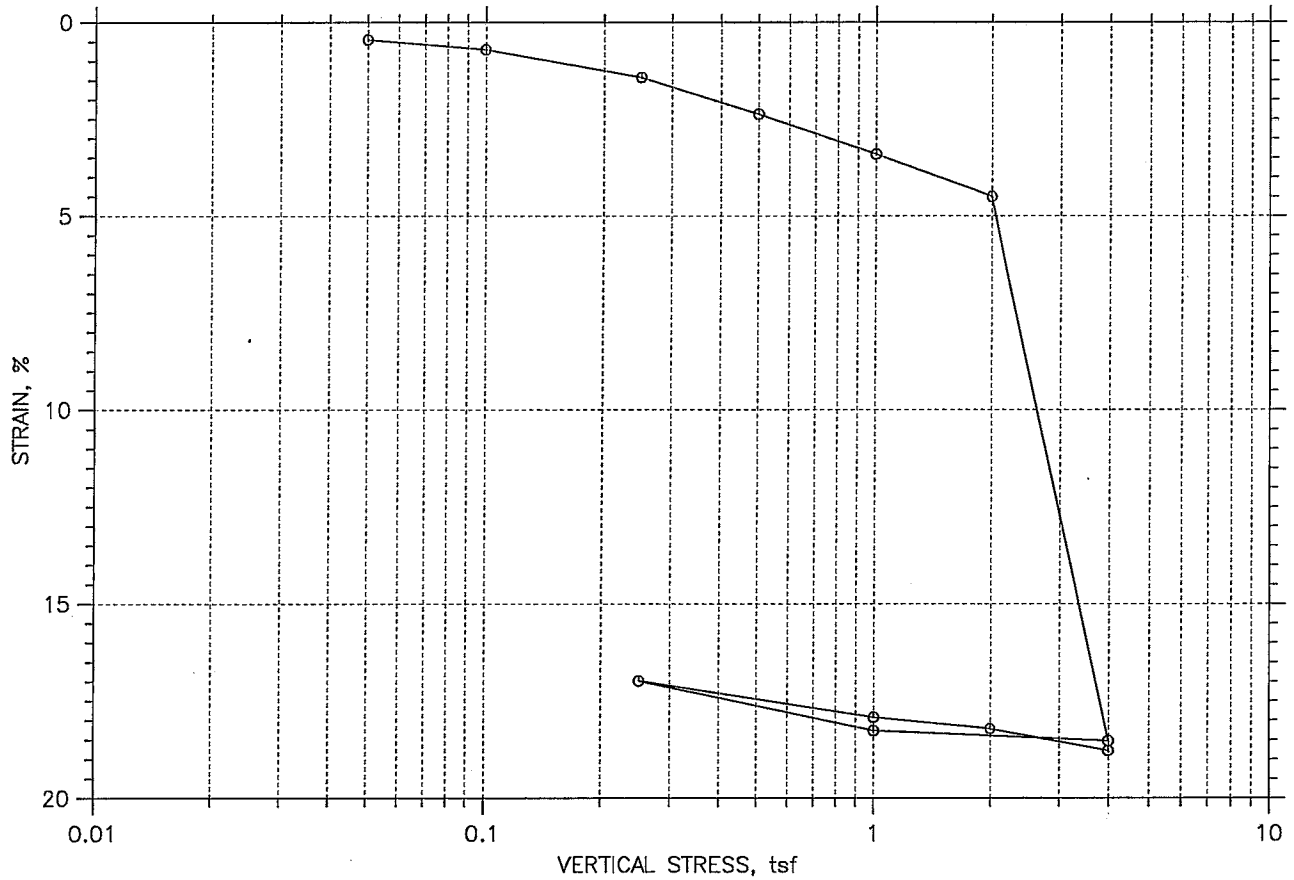


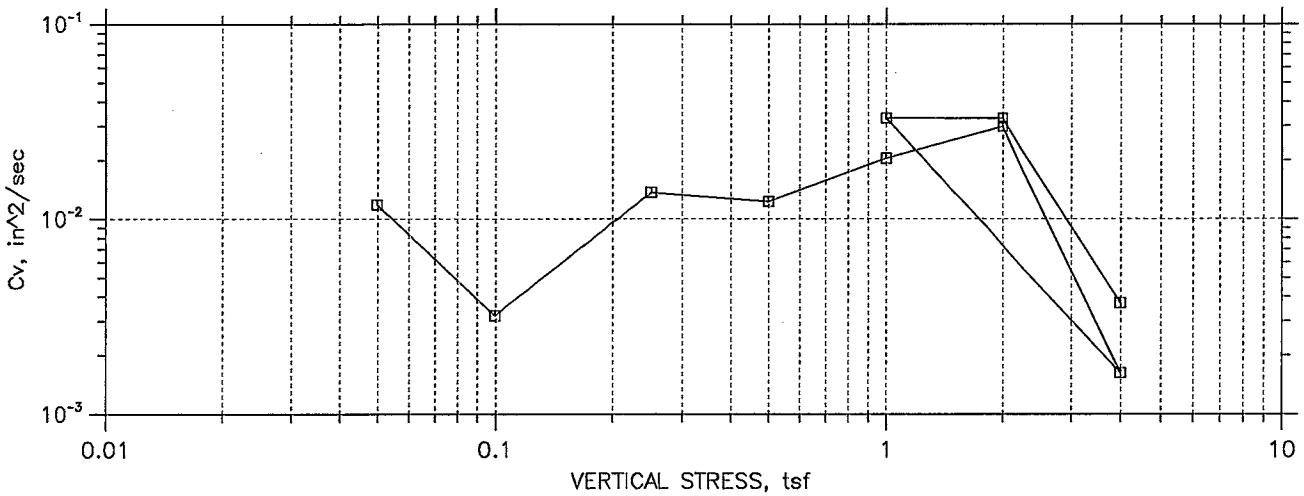
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-11	Test Date: 02/23/07	Depth: 10-12 ft
	Test No.: C-6	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silty sand with gravel		
	Remarks: System Q		

Wed, 04-APR-2007 09:23:25

CONSOLIDATION TEST DATA

SUMMARY REPORT



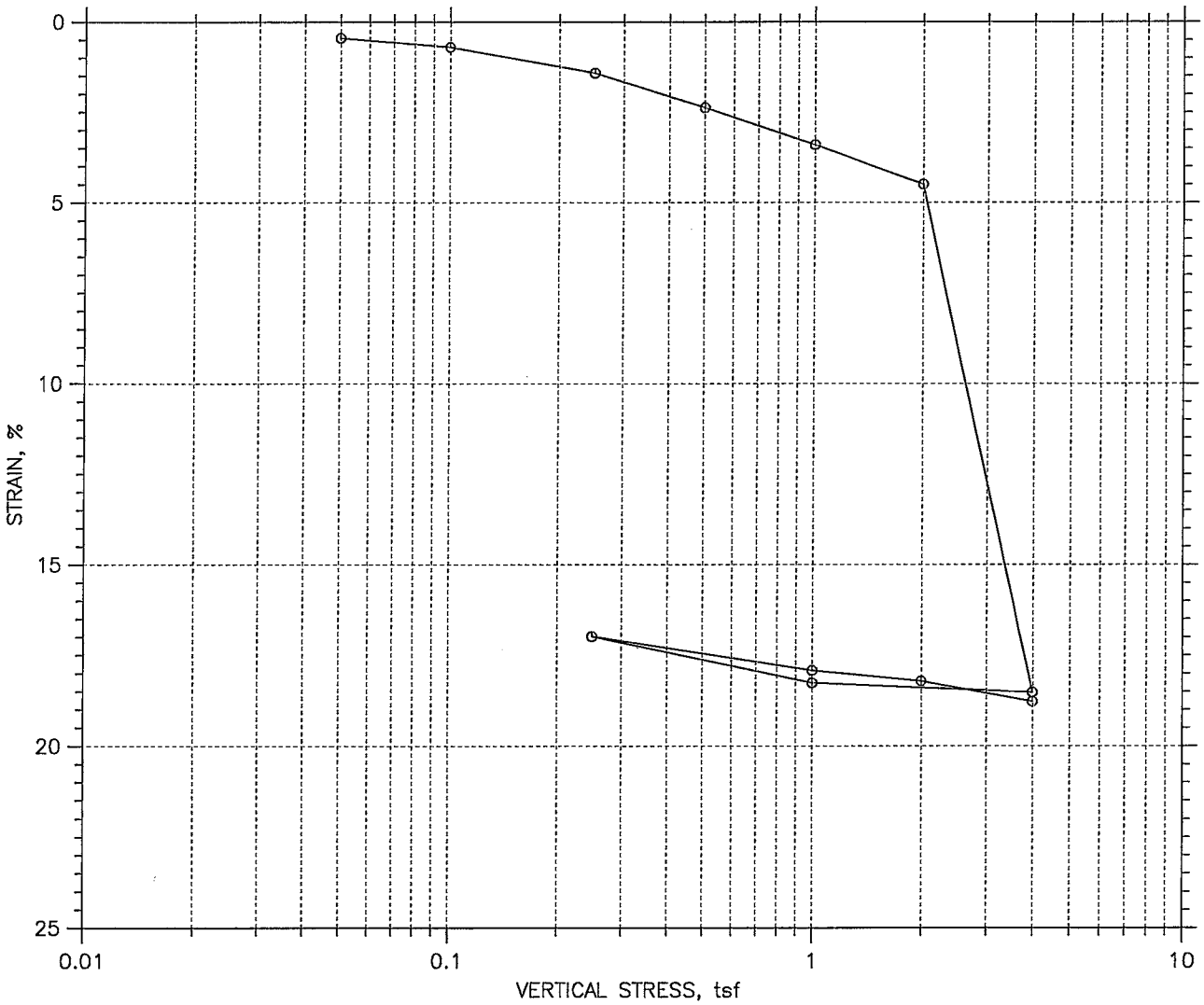


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

Thu, 19-APR-2007 16:36:11

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	249.24	195.70
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	21.42	26.38
Compression Index: ---				Saturation, %	99.53	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	6.11	4.78
LL: 158	PL: 119	PI: 39	GS: 2.44			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

Thu, 19-APR-2007 16:36:12

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ-13-03
Sample No.: 0295-13
Test No.: C-20

Location: Syracuse, NY
Tested By: md
Test Date: 04/12/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, dark gra sandy silt
Remarks: System R

Measured Specific Gravity: 2.44
Initial Void Ratio: 6.11
Final Void Ratio: 4.78

Liquid Limit: 158
Plastic Limit: 119
Plasticity Index: 39

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Southeast	RING		2252
Wt. Container + Wet Soil, gm	206.41	311.93	297.15	87.23
Wt. Container + Dry Soil, gm	72.82	243.13	243.13	34.94
Wt. Container, gm	8.05	215.52	215.52	8.22
Wt. Dry Soil, gm	64.77	27.606	27.606	26.72
Water Content, %	206.25	249.24	195.70	195.70
Void Ratio	---	6.11	4.78	---
Degree of Saturation, %	---	99.53	99.99	---
Dry Unit Weight, pcf	---	21.425	26.375	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ-13-03
Sample No.: 0295-13
Test No.: C-20

Location: Syracuse, NY
Tested By: md
Test Date: 04/12/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, dark gra sandy silt
Remarks: System R

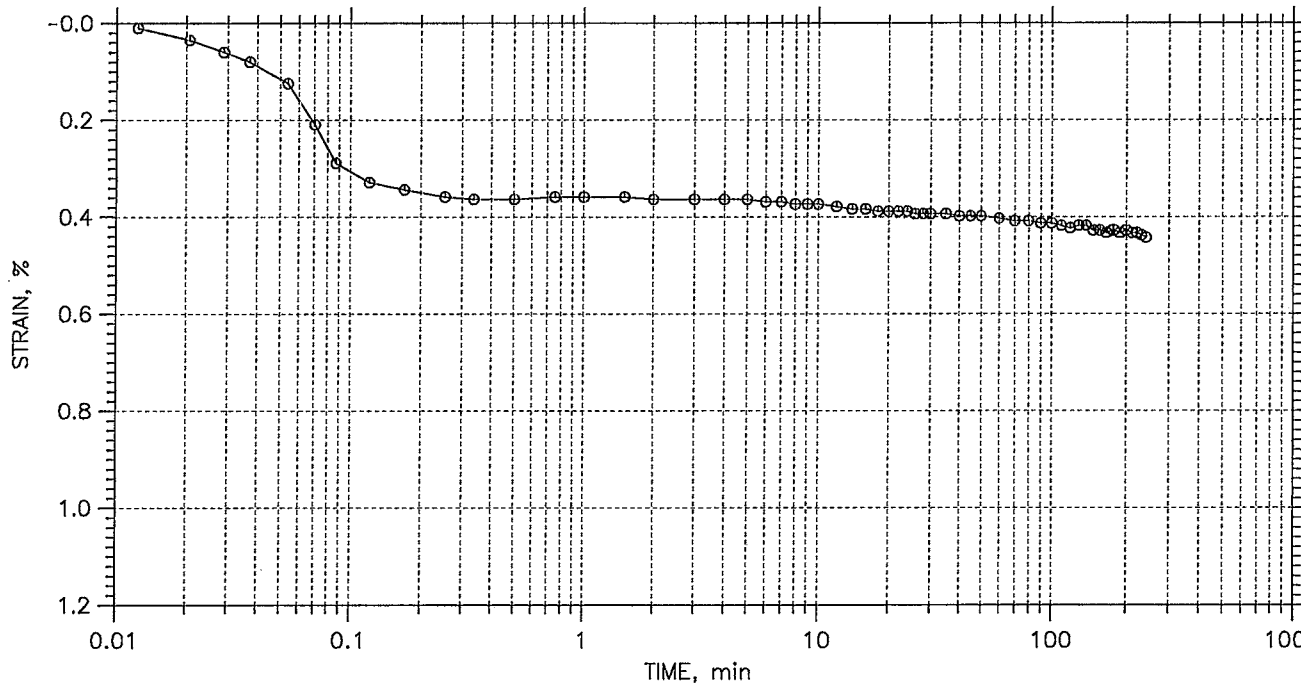
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.004428	6.078	0.44	0.1	0.1	1.19e-002	1.18e-002	1.19e-002
2	0.1	0.006968	6.060	0.70	0.4	0.1	1.84e-003	1.21e-002	3.20e-003
3	0.25	0.01419	6.009	1.42	0.1	0.1	1.31e-002	1.43e-002	1.37e-002
4	0.5	0.02369	5.941	2.37	0.1	0.0	1.23e-002	0.00e+000	1.23e-002
5	1	0.034	5.868	3.40	0.0	0.0	1.89e-002	2.24e-002	2.05e-002
6	2	0.04495	5.790	4.49	0.0	0.0	3.23e-002	2.78e-002	2.99e-002
7	4	0.1852	4.793	18.52	0.4	0.4	1.59e-003	1.68e-003	1.63e-003
8	1	0.1826	4.812	18.26	0.0	0.0	2.85e-002	0.00e+000	2.85e-002
9	0.25	0.1698	4.903	16.98	0.2	0.0	2.54e-003	3.10e-002	4.69e-003
10	1	0.1791	4.836	17.91	0.0	0.0	3.30e-002	0.00e+000	3.30e-002
11	2	0.1821	4.815	18.21	0.0	0.0	3.28e-002	0.00e+000	3.28e-002
12	4	0.1877	4.775	18.77	0.1	0.0	3.72e-003	0.00e+000	3.72e-003

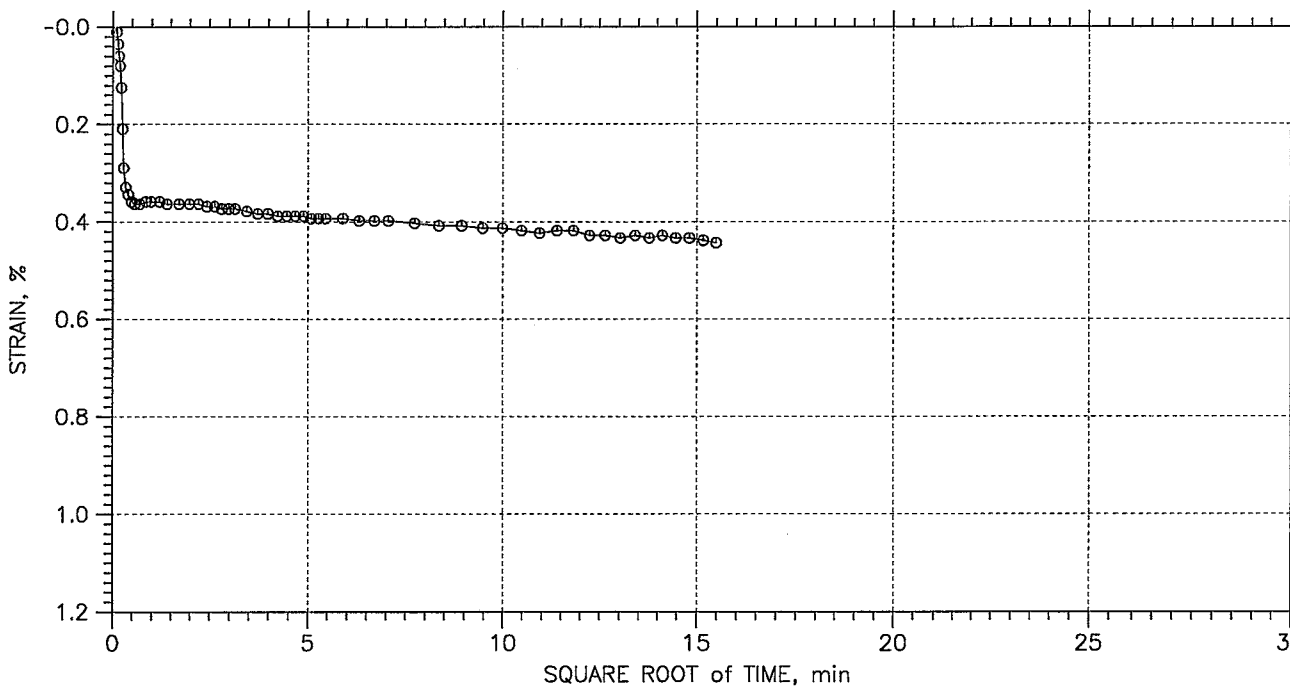
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





Geotesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

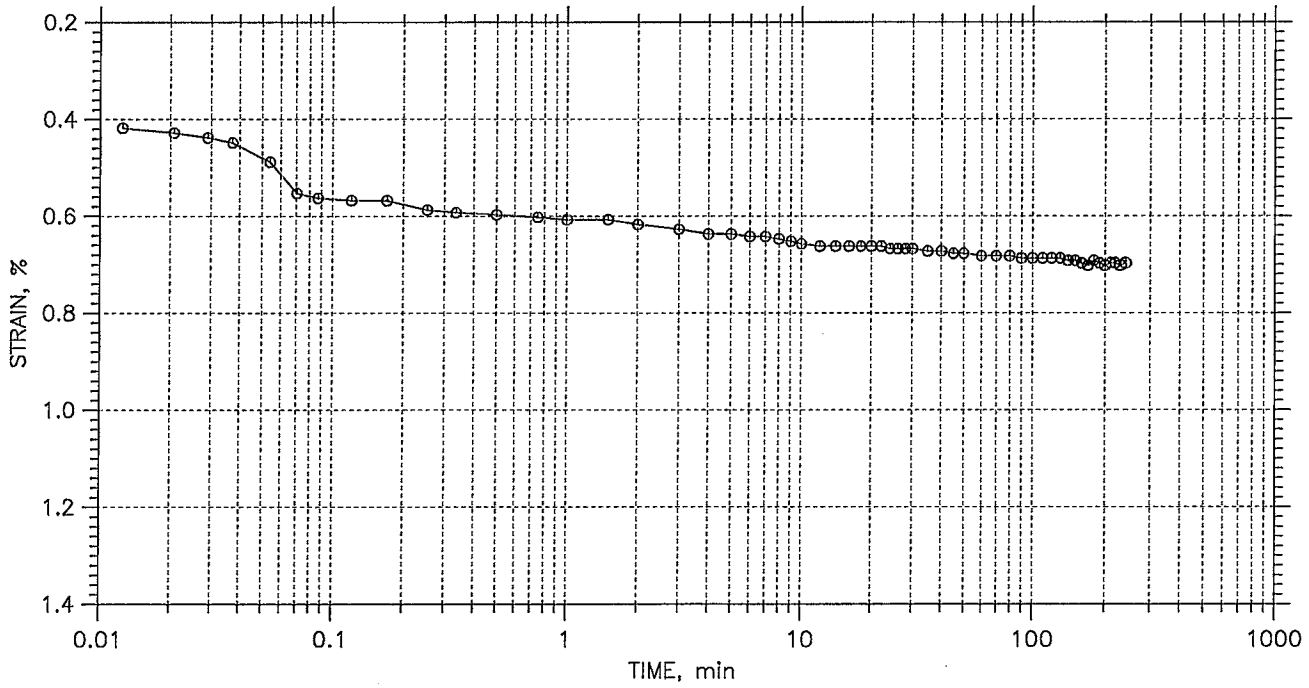
Thu, 19-APR-2007 16:37:23

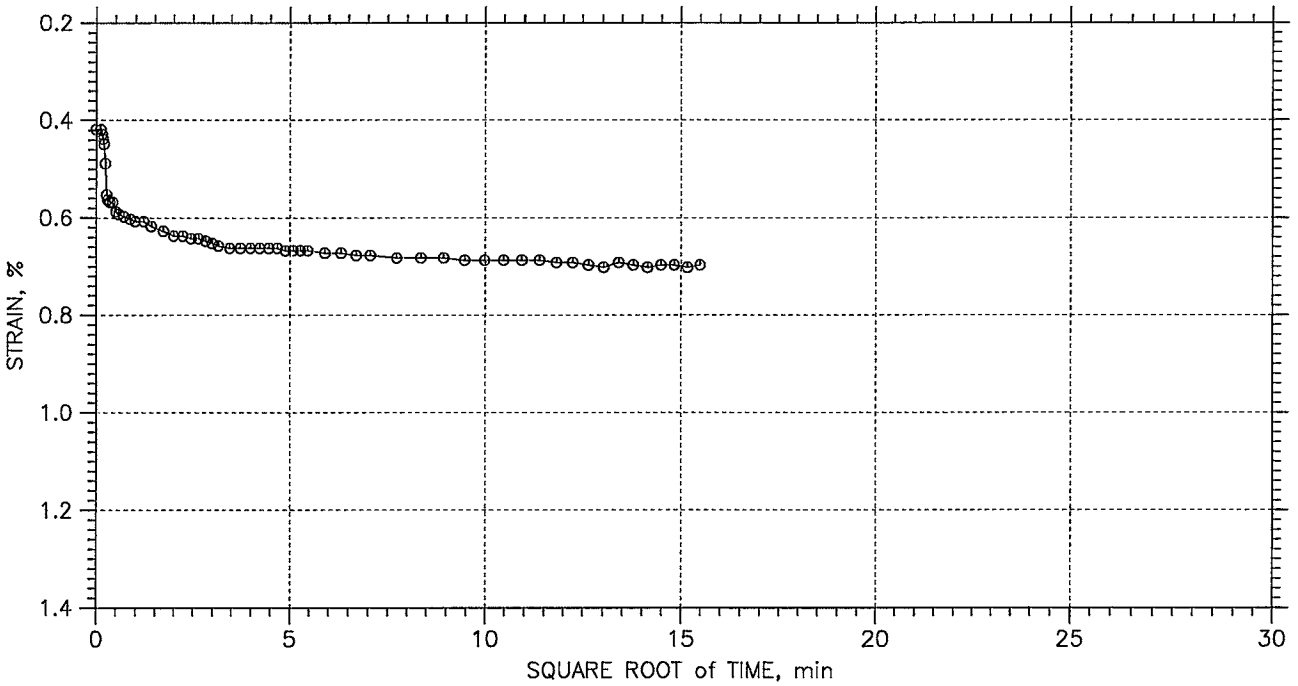
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

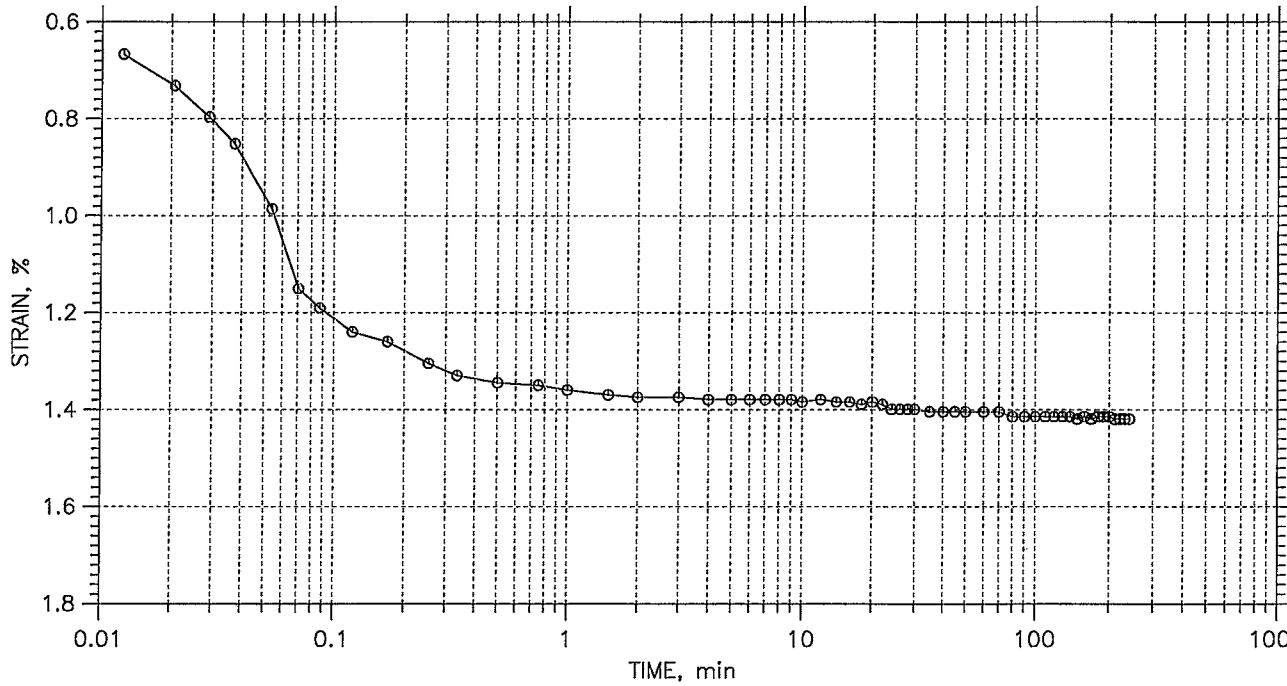
Thu, 19-APR-2007 16:38:07

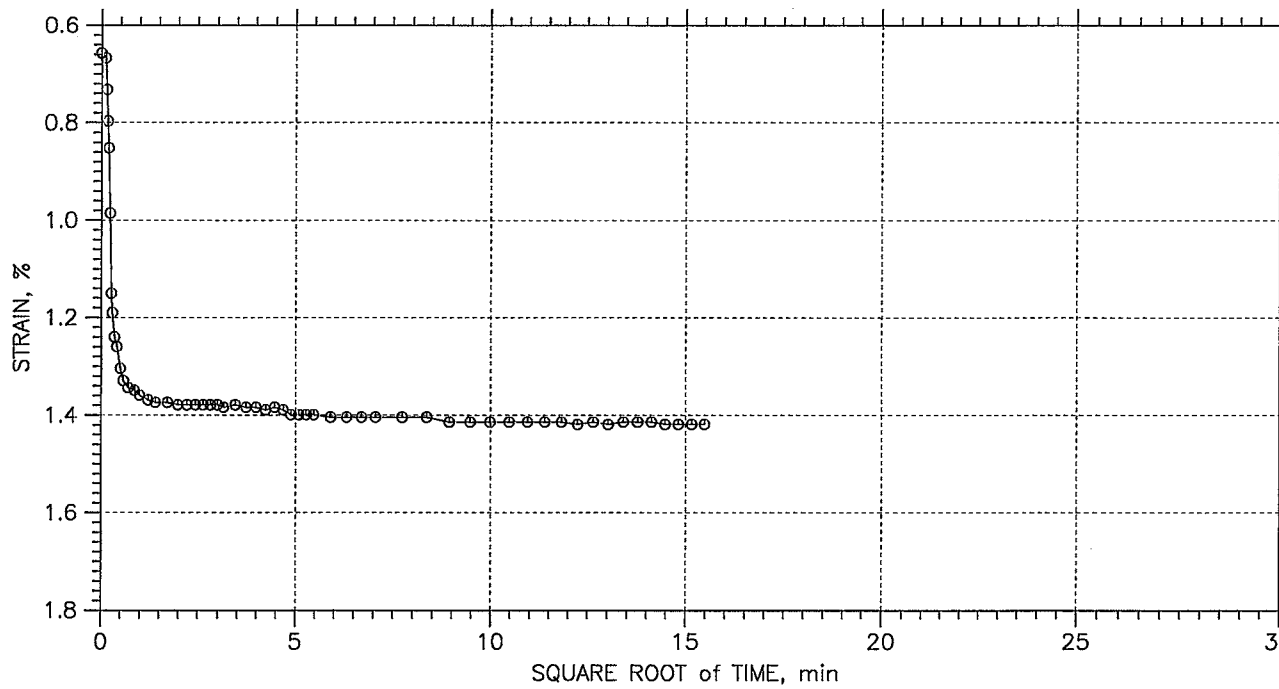
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





Geotesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

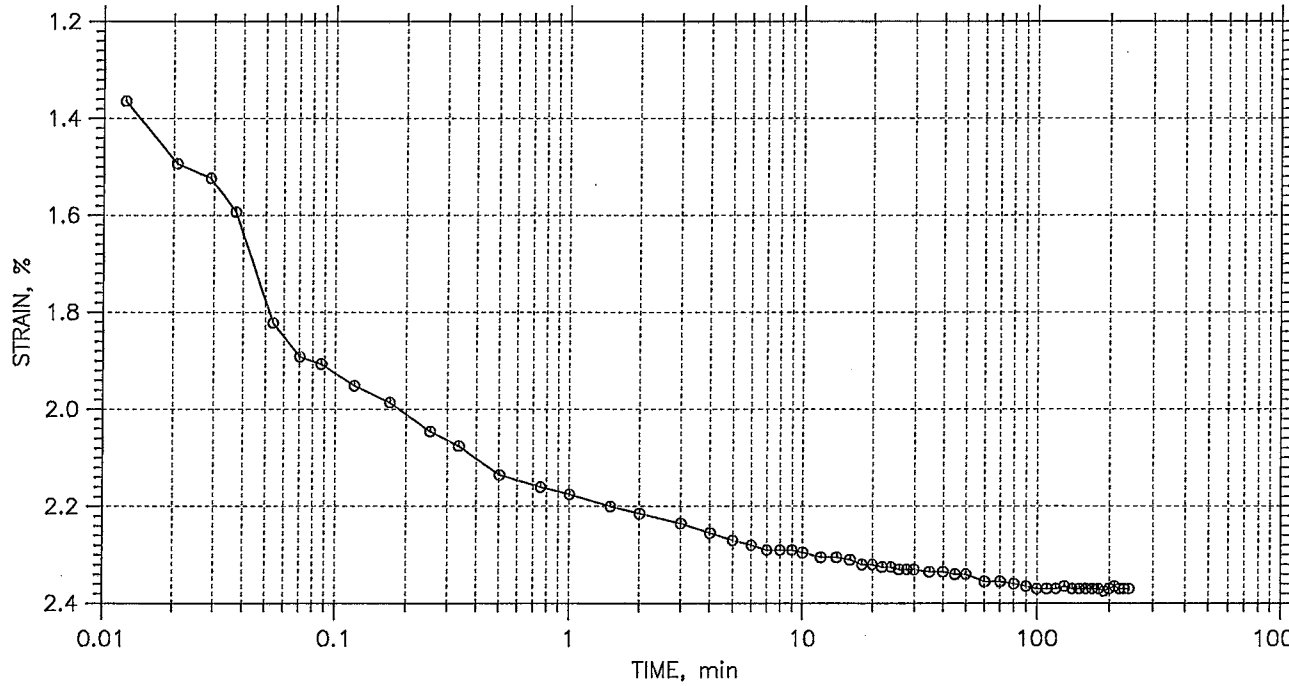
Thu, 19-APR-2007 16:36:15

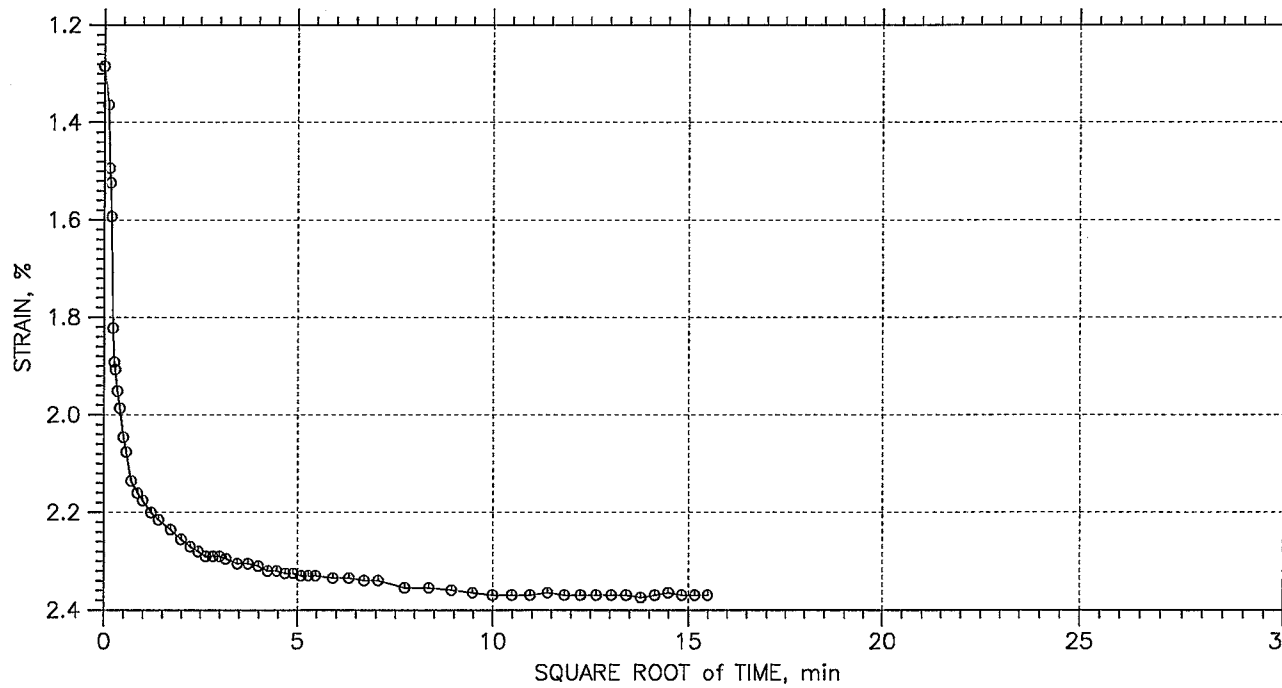
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

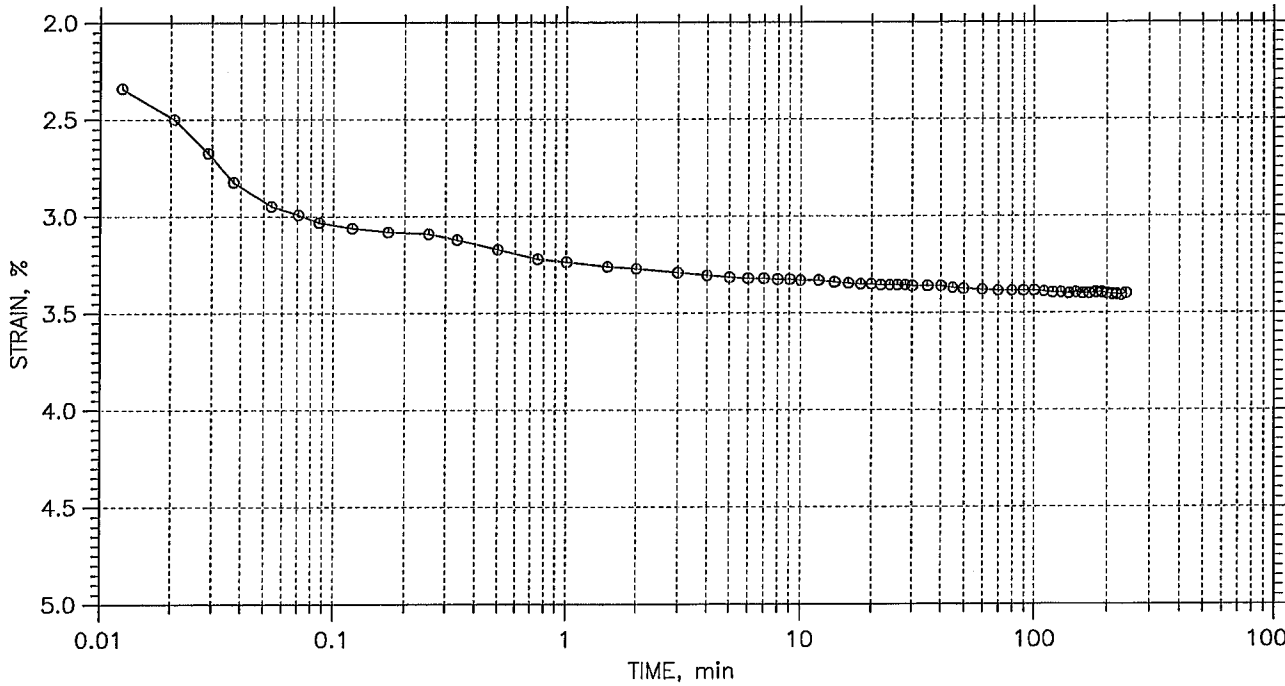
Thu, 19-APR-2007 16:36:16

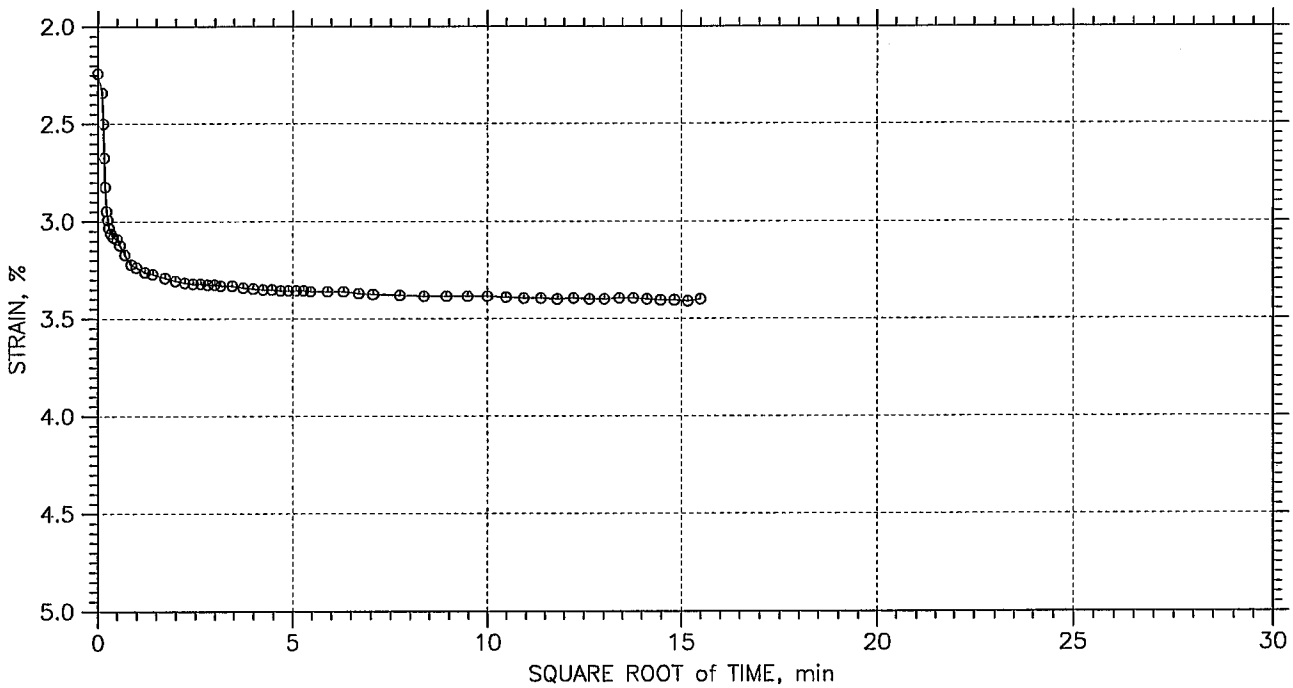
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

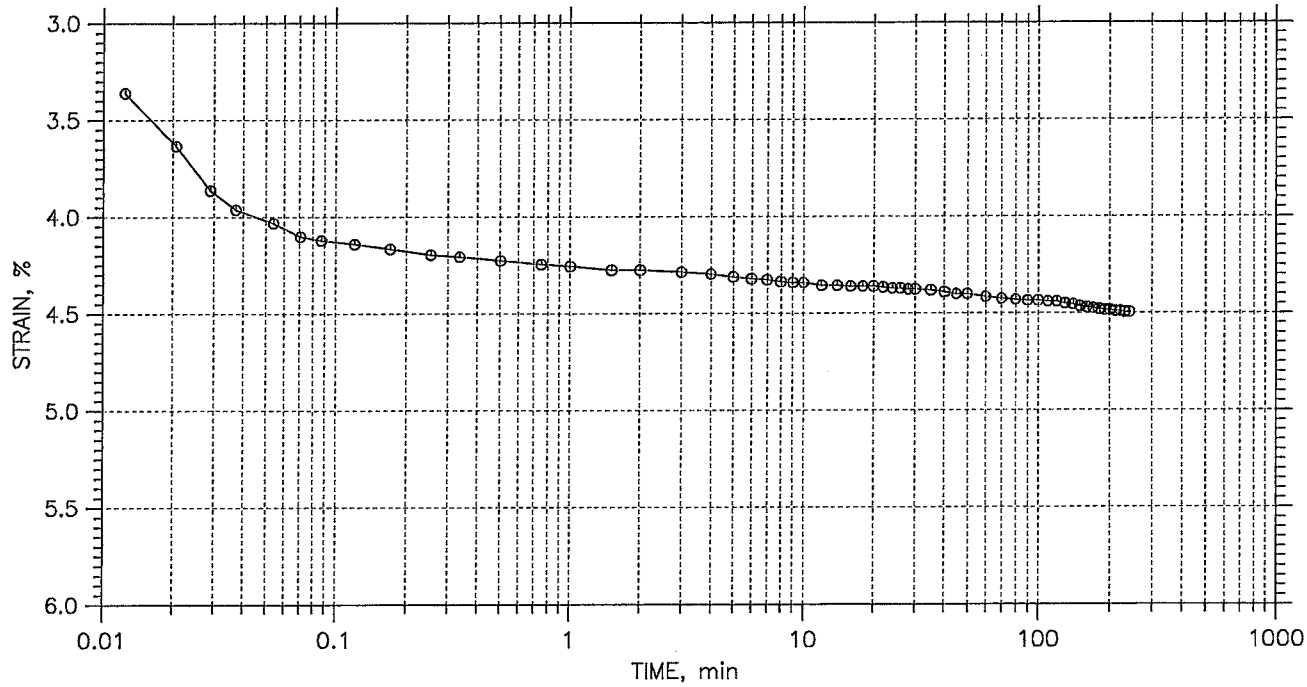
Thu, 19-APR-2007 16:36:17

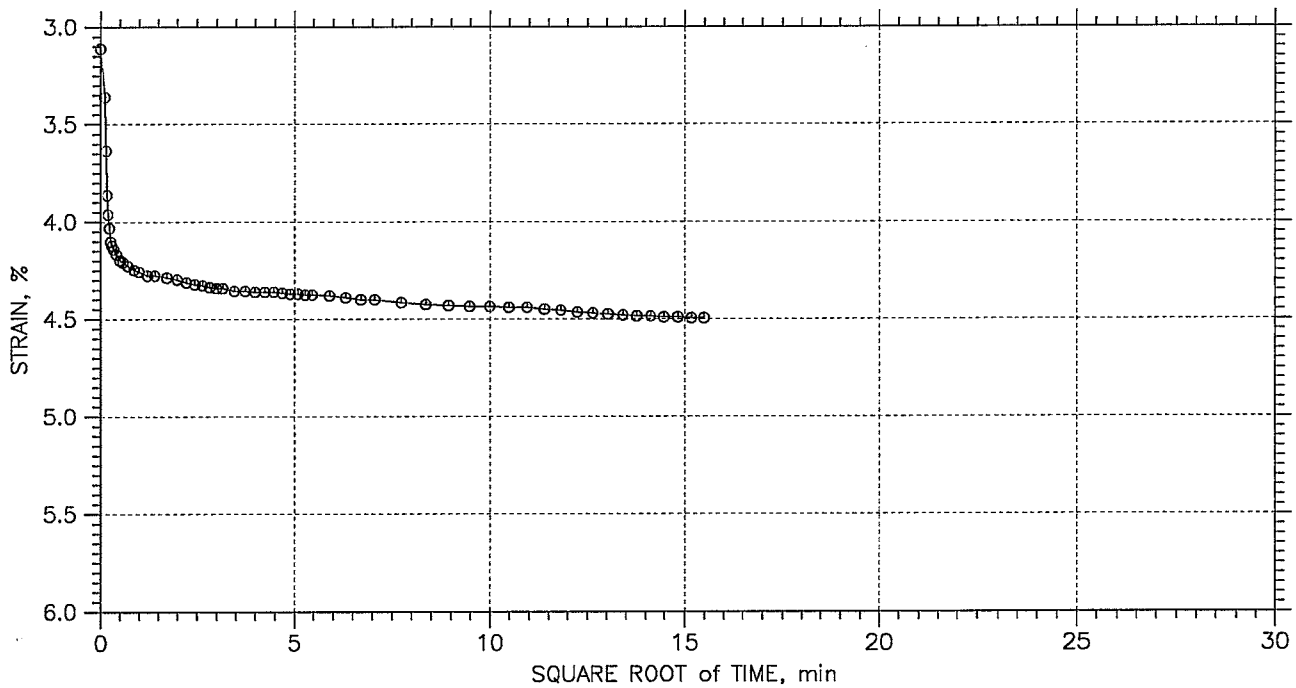
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

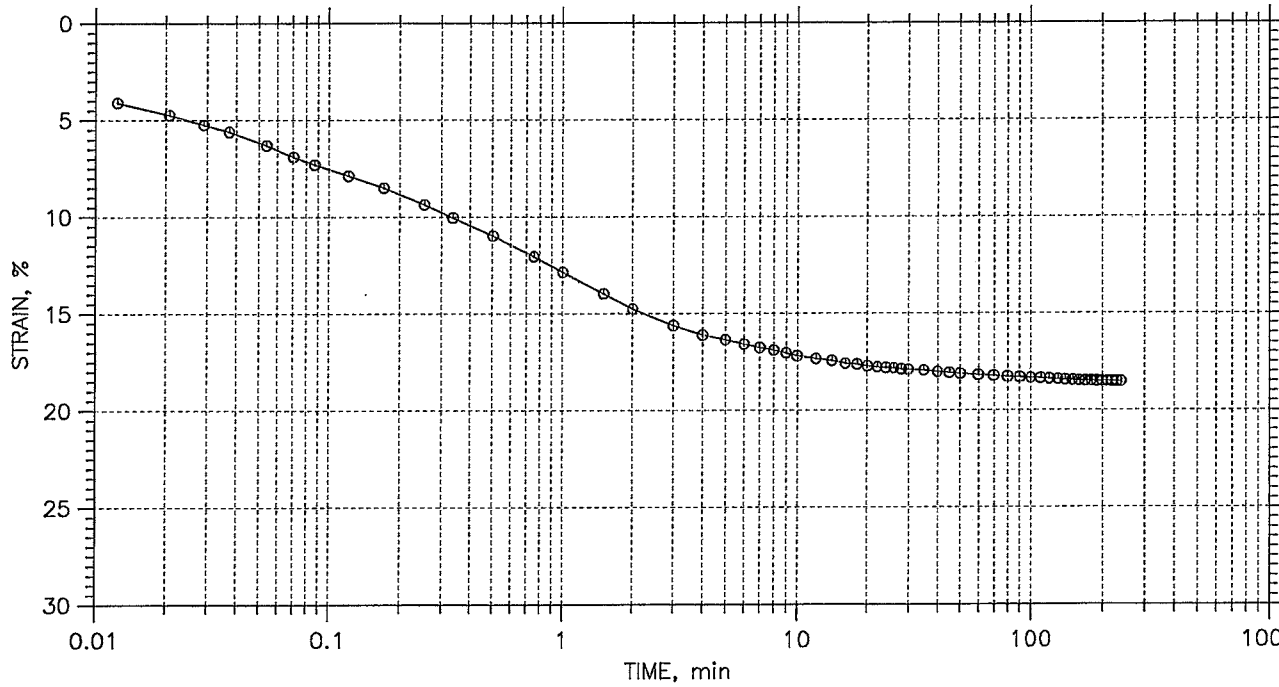
Thu, 19-APR-2007 16:36:18

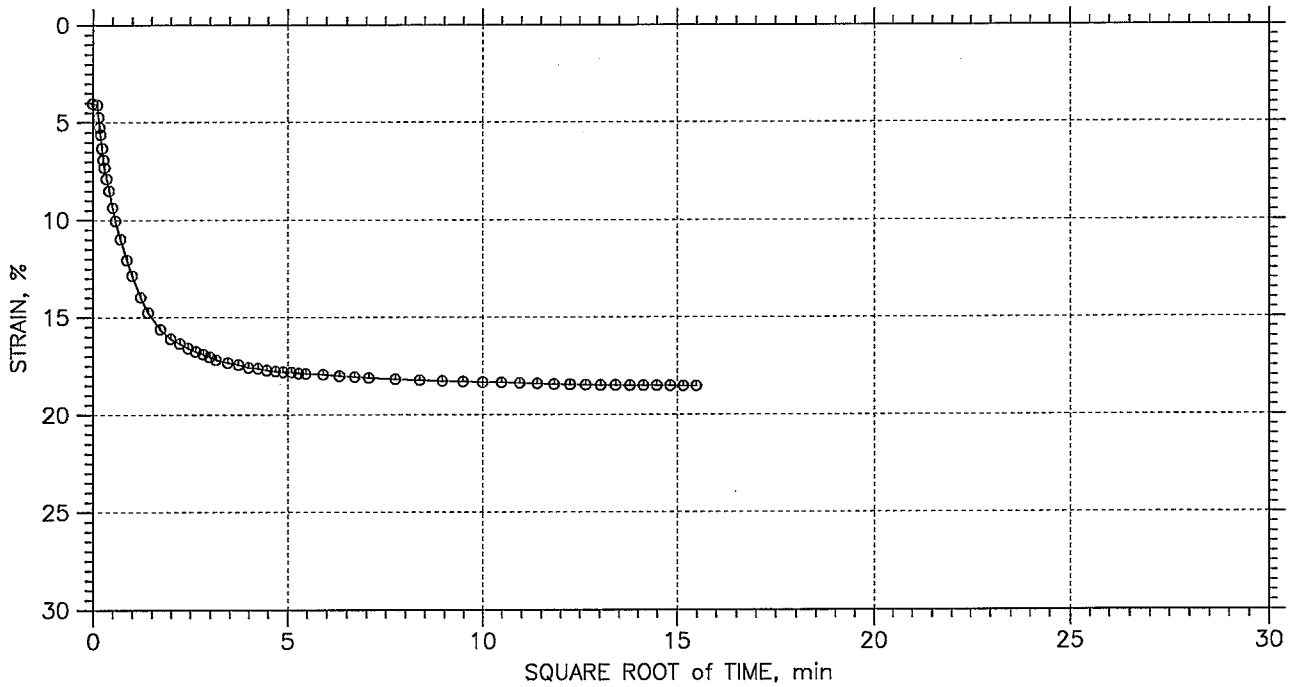
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

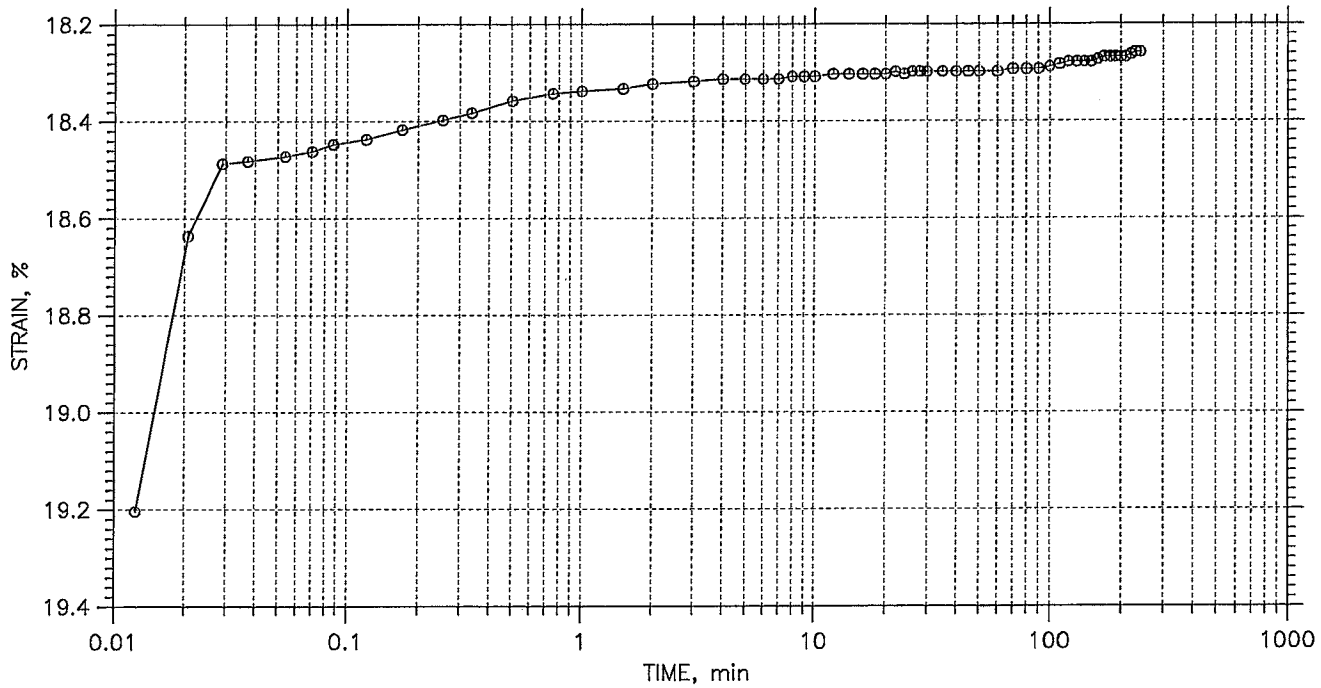
Thu, 19-APR-2007 16:36:19

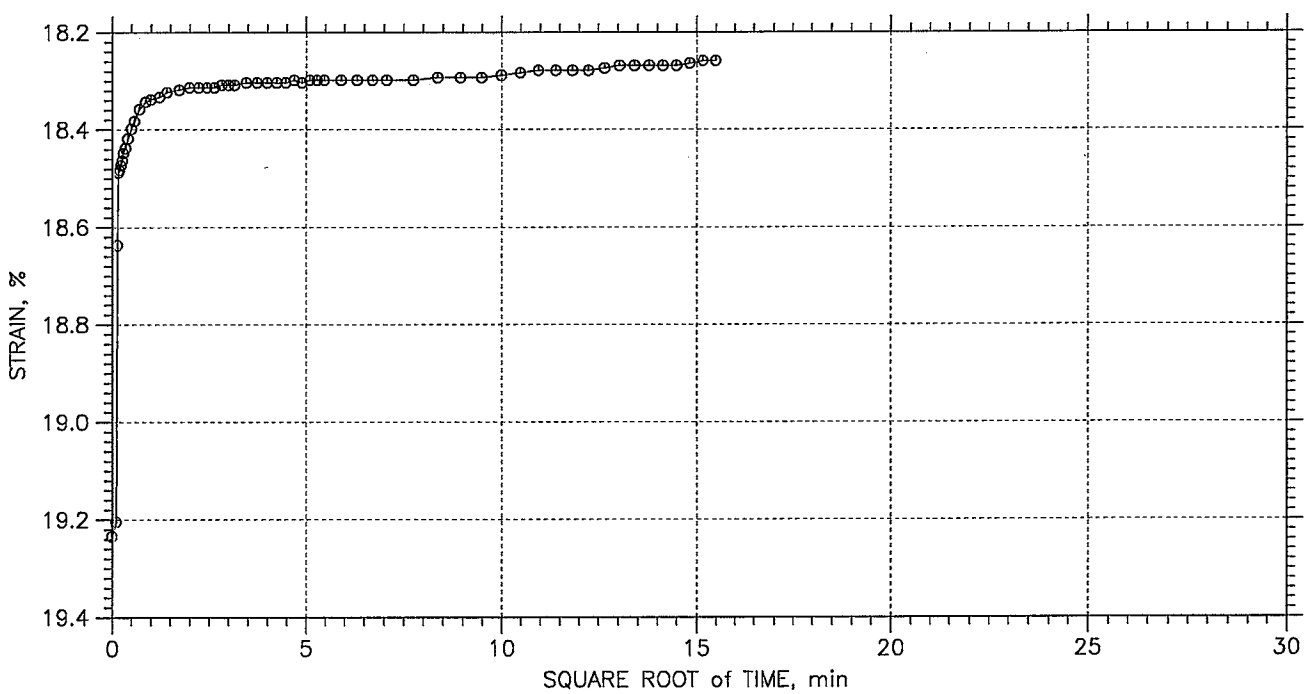
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

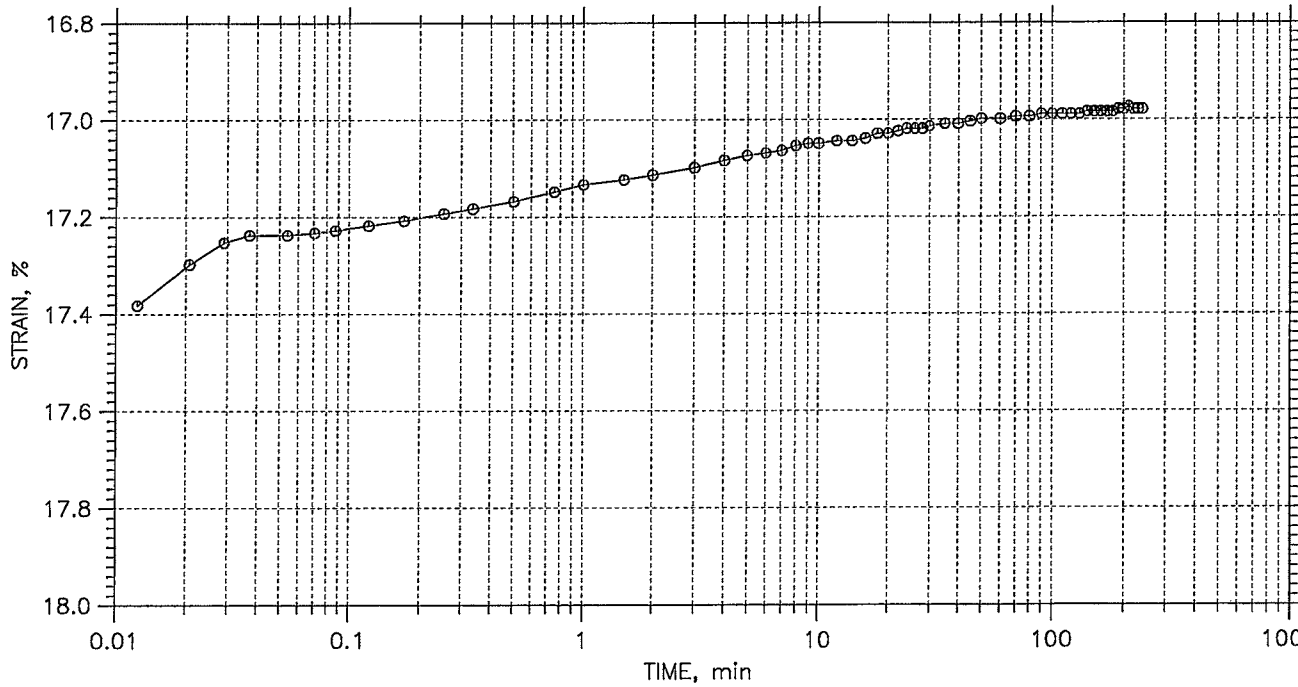
Thu, 19-APR-2007 16:36:20

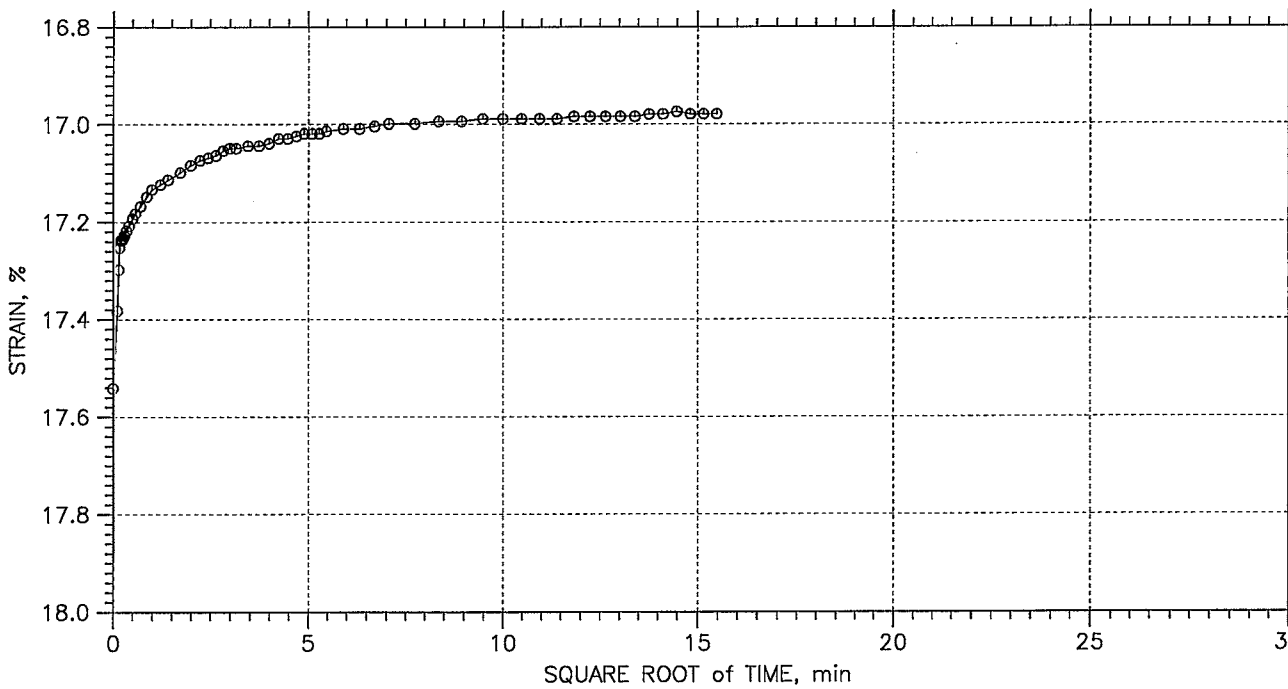
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

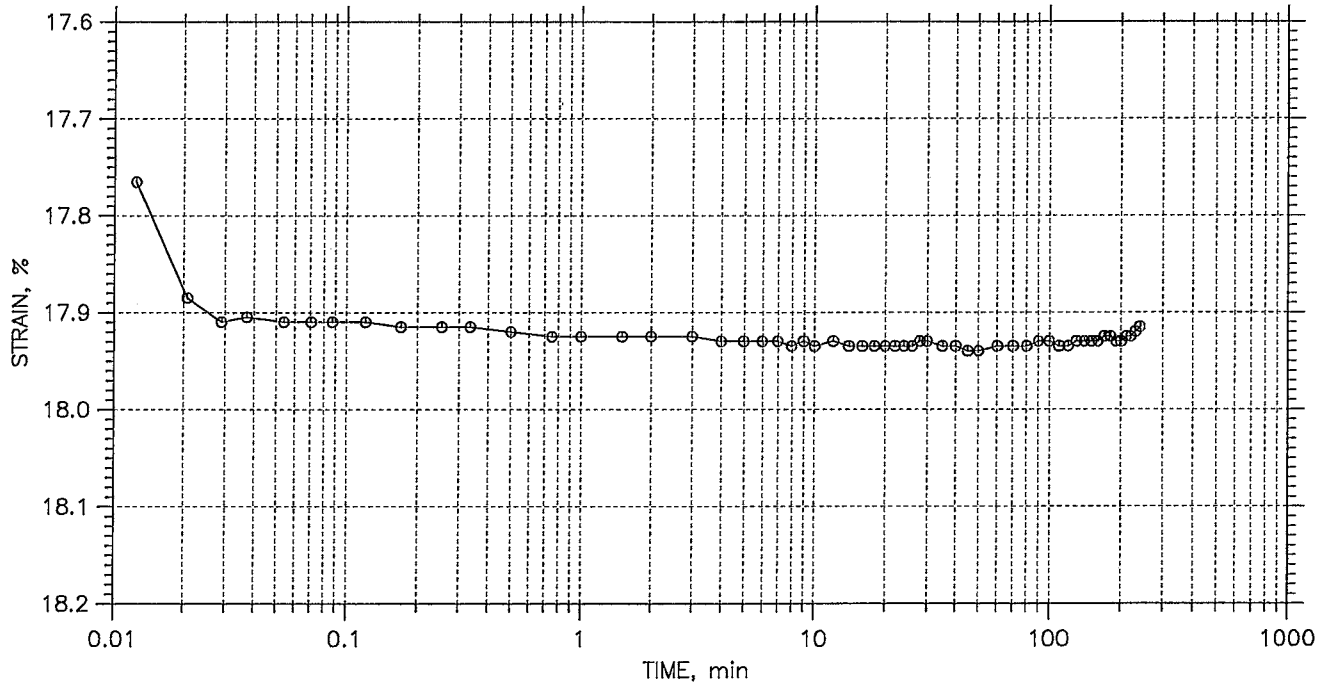
Thu, 19-APR-2007 16:36:21

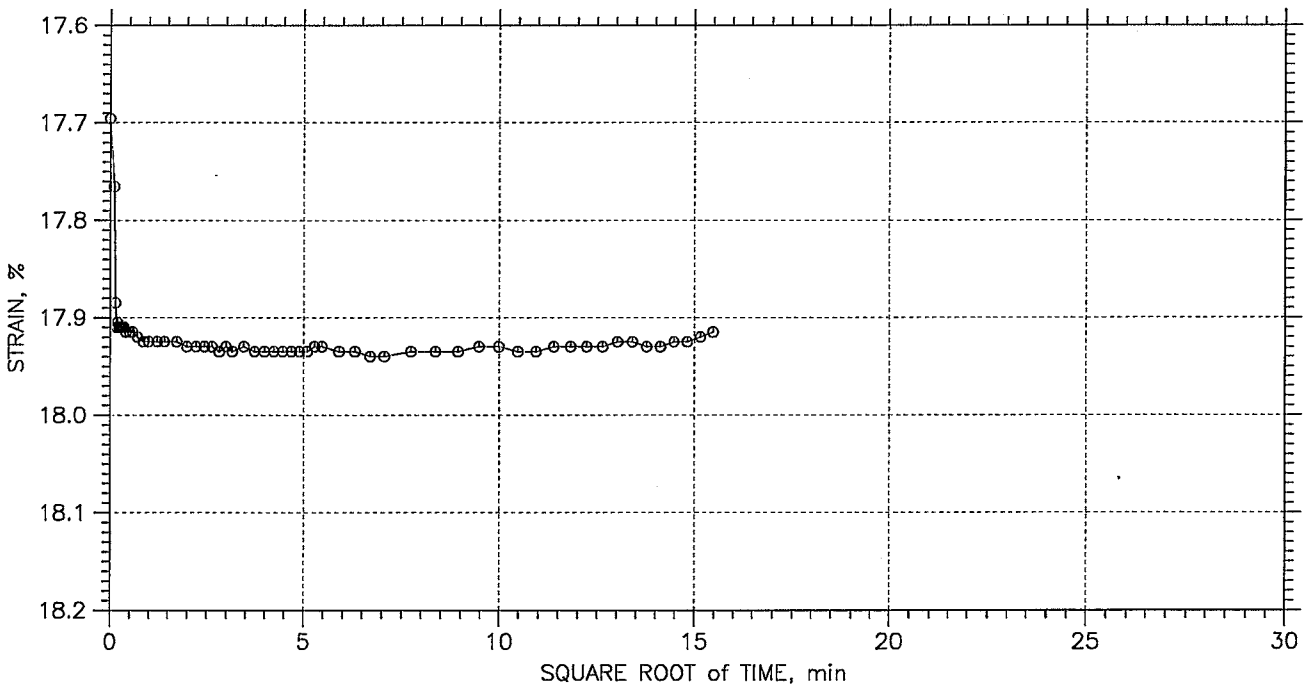
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





Geotesting express, a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

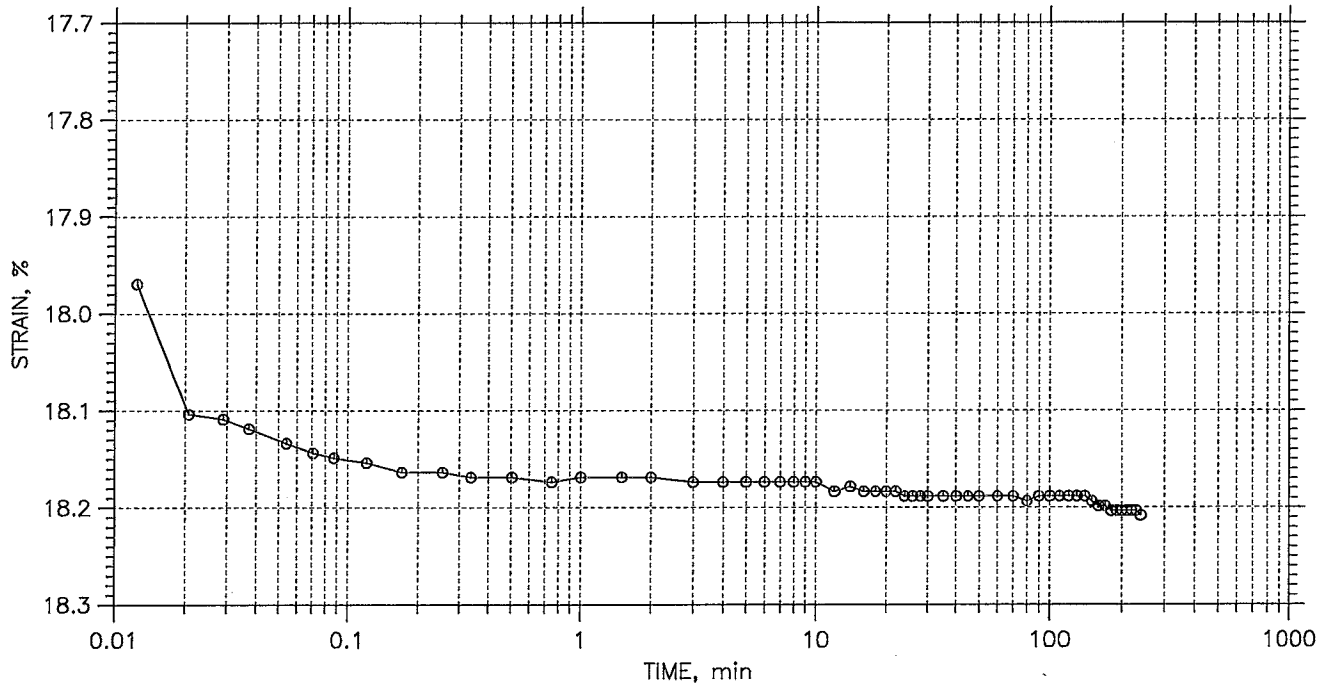
Thu, 19-APR-2007 16:38:52

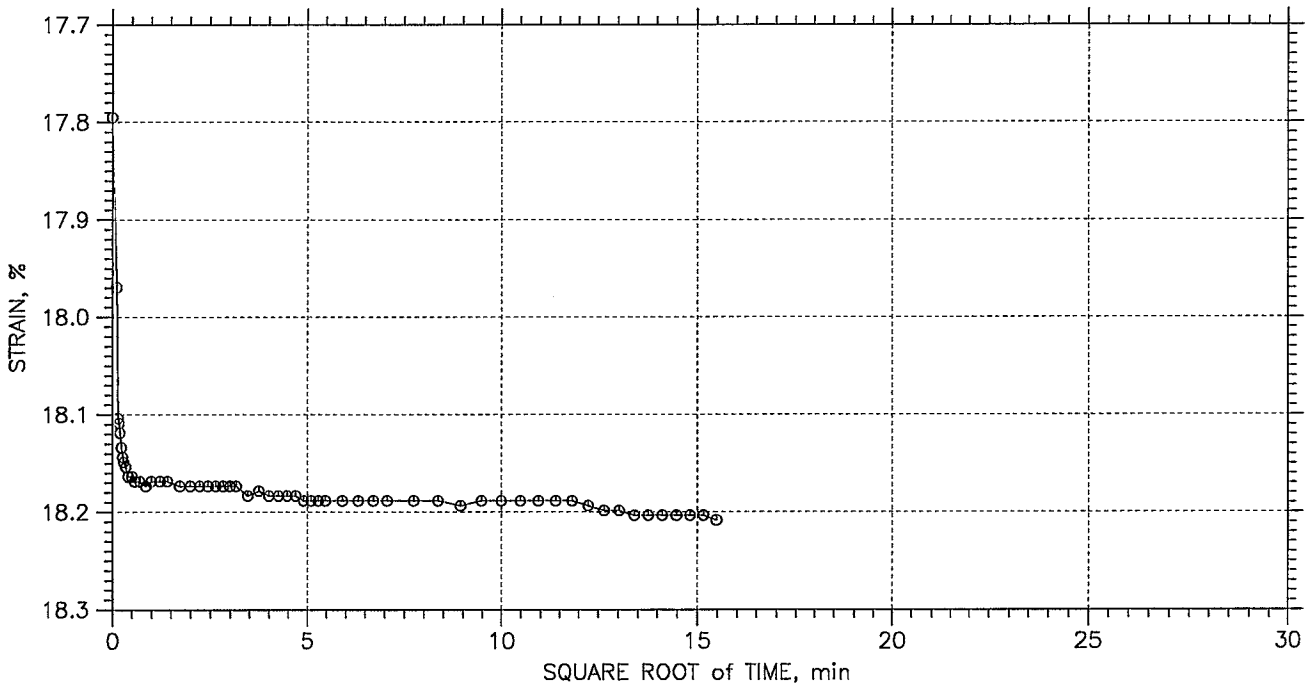
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

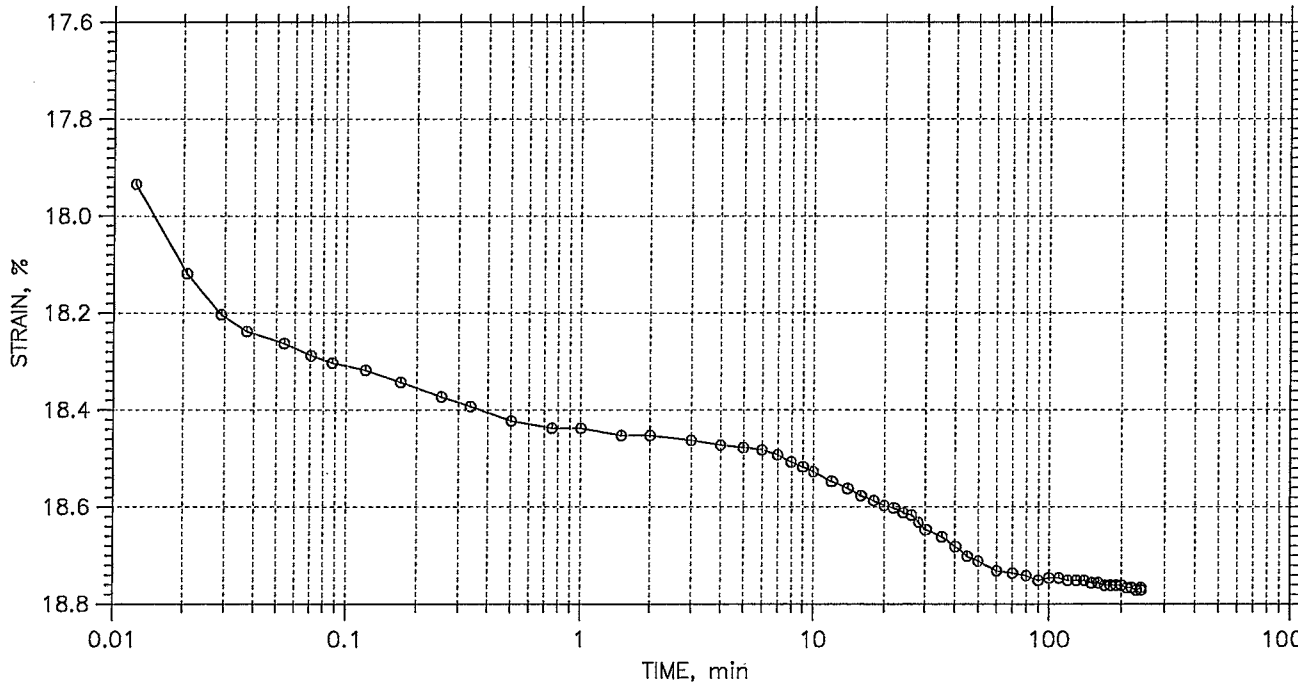
Thu, 19-APR-2007 16:36:23

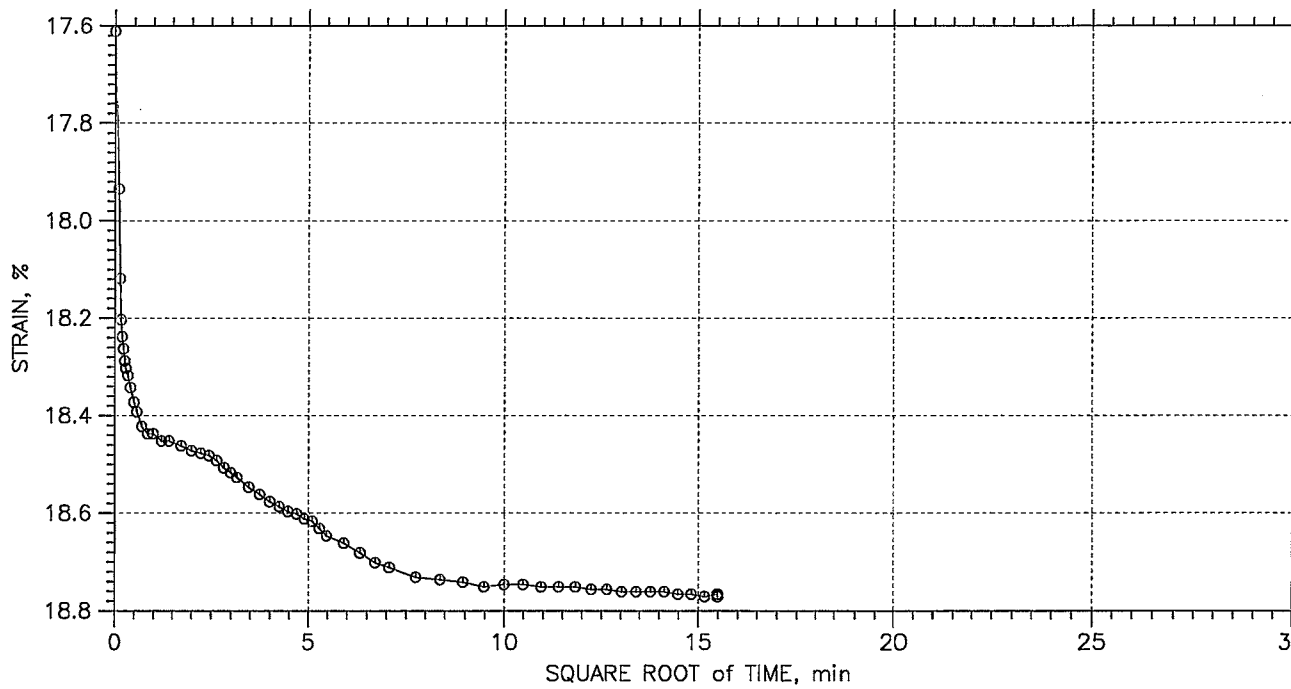
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



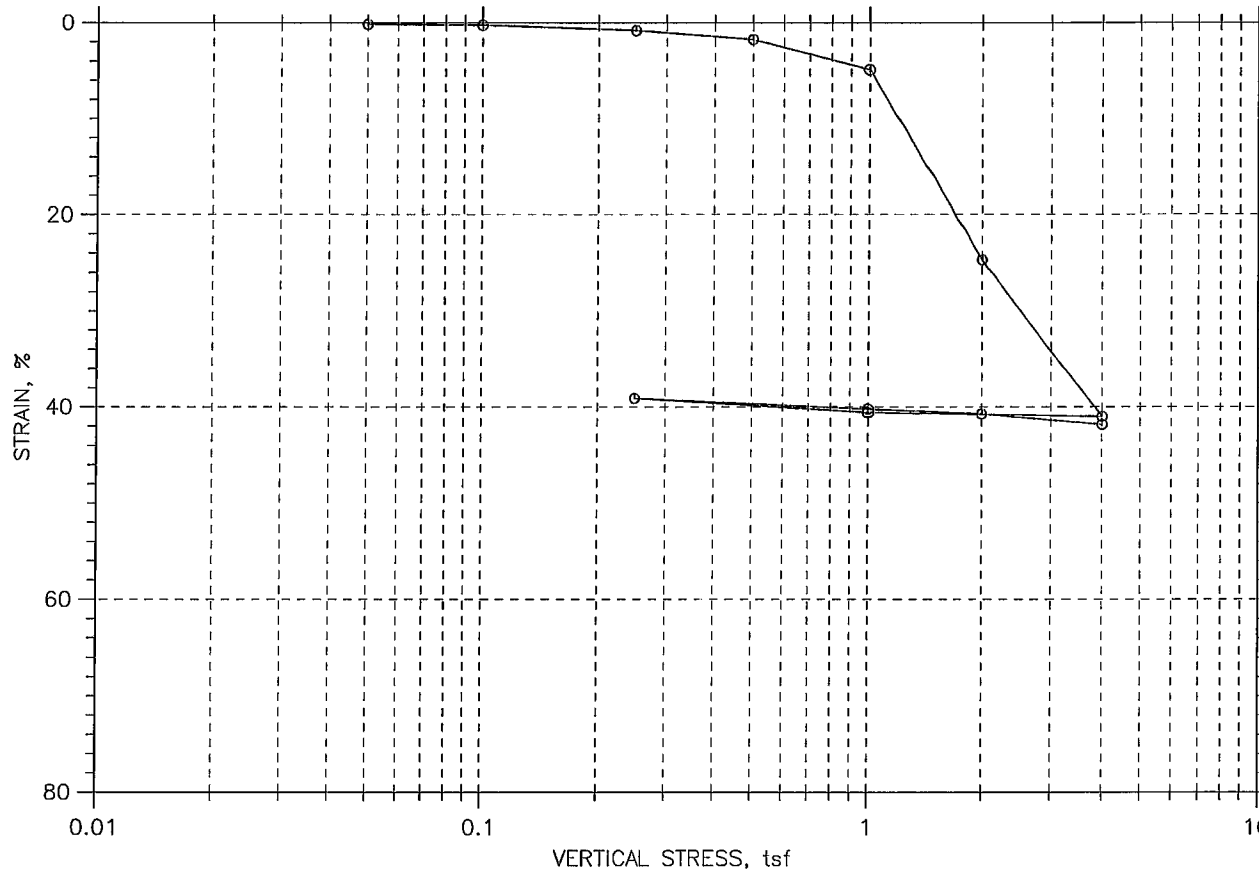


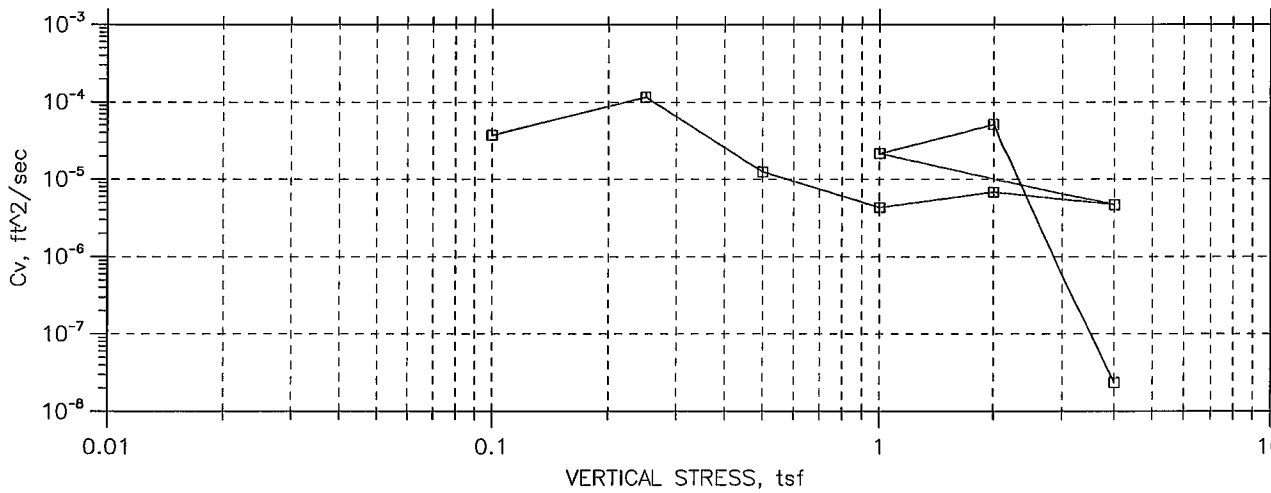
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0295-13	Test Date: 04/12/07	Depth: 30-32 ft
	Test No.: C-20	Sample Type: tube	Elevation: ---
	Description: Moist, dark gra sandy silt		
	Remarks: System R		

Thu, 19-APR-2007 16:36:24

CONSOLIDATION TEST DATA

SUMMARY REPORT



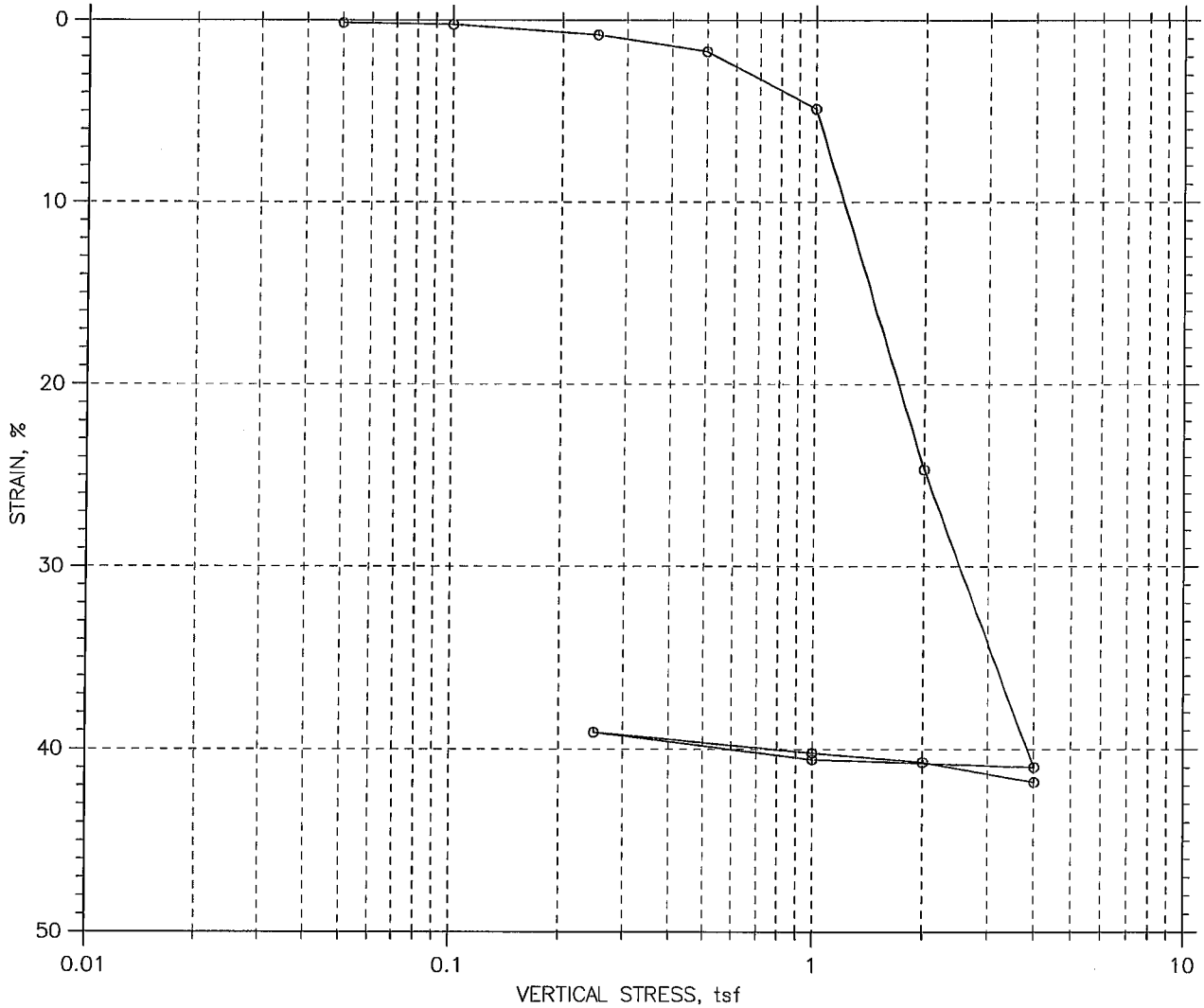


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

Wed, 28-MAR-2007 08:51:34

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	536.81	307.10
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	10.51	18.07
Compression Index: ---				Saturation, %	96.67	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	14.44	7.98
LL: 220	PL: 161	PI: 59	GS: 2.60			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

Wed, 28-MAR-2007 08:51:36

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ-13-04
Sample No.: 0295-17
Test No.: C-12

Location: Syracuse, NY
Tested By: md
Test Date: 03/21/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, light yellowish brown silt
Remarks: System Q

Measured Specific Gravity: 2.60
Initial Void Ratio: 14.44
Final Void Ratio: 7.98

Liquid Limit: 220
Plastic Limit: 161
Plasticity Index: 59

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Shoulders	RING		1249
Wt. Container + Wet Soil, gm	102.04	303.12	272	64.45
Wt. Container + Dry Soil, gm	24	230.4	230.4	22.04
Wt. Container, gm	8.19	216.85	216.85	8.23
Wt. Dry Soil, gm	15.81	13.547	13.547	13.81
Water Content, %	493.61	536.81	307.10	307.10
Void Ratio	---	14.44	7.98	---
Degree of Saturation, %	---	96.67	100.00	---
Dry Unit Weight, pcf	---	10.514	18.066	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ-13-04
Sample No.: 0295-17
Test No.: C-12

Location: Syracuse, NY
Tested By: md
Test Date: 03/21/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, light yellowish brown silt
Remarks: System Q

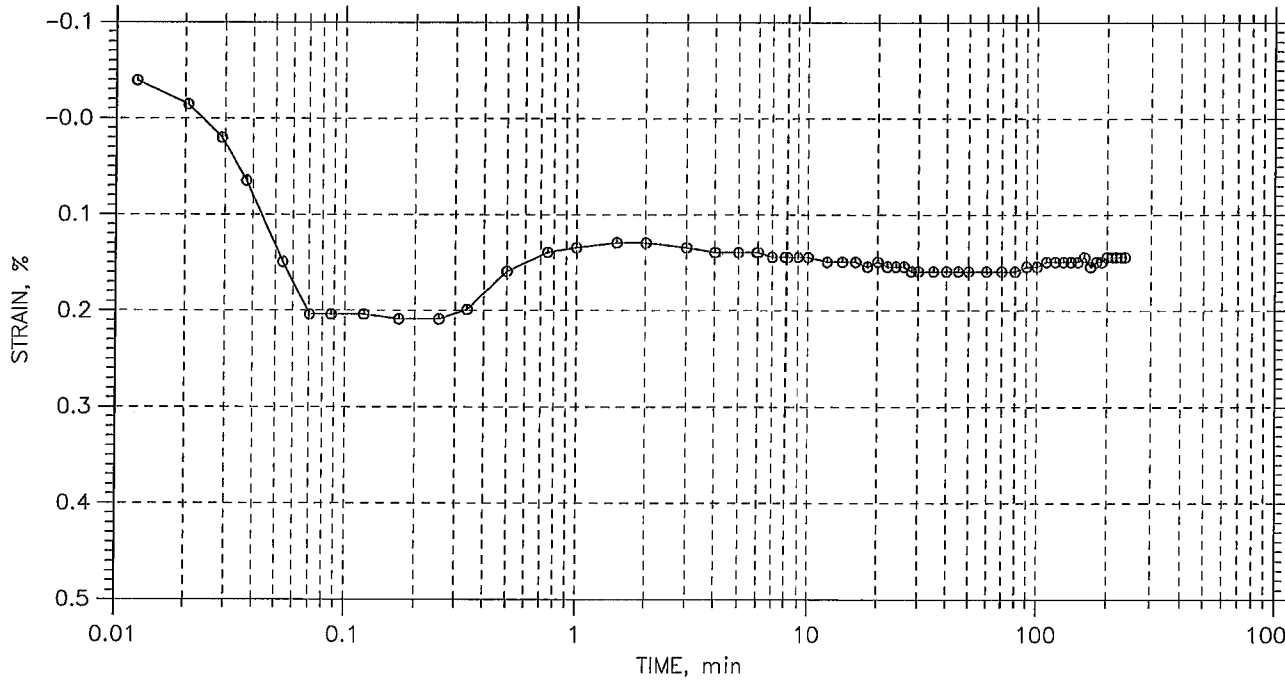
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.001442	14.416	0.14	0.0	0.0	0.00e+000	0.00e+000	0.00e+000
2	0.1	0.002432	14.401	0.24	0.2	0.0	3.71e-005	0.00e+000	3.71e-005
3	0.25	0.008085	14.313	0.81	0.1	0.0	1.12e-004	1.19e-004	1.16e-004
4	0.5	0.01732	14.171	1.73	0.4	0.0	1.25e-005	0.00e+000	1.25e-005
5	1	0.04877	13.685	4.88	1.2	0.0	4.34e-006	0.00e+000	4.34e-006
6	2	0.2469	10.627	24.69	0.6	0.6	7.16e-006	6.52e-006	6.82e-006
7	4	0.4098	8.111	40.98	0.6	0.5	4.40e-006	5.04e-006	4.69e-006
8	1	0.4057	8.174	40.57	0.0	0.0	9.82e-005	0.00e+000	9.82e-005
9	0.25	0.3909	8.404	39.09	0.2	0.1	9.51e-006	3.12e-005	1.46e-005
10	1	0.4022	8.229	40.22	0.1	0.0	2.16e-005	0.00e+000	2.16e-005
11	2	0.4072	8.152	40.72	0.0	0.0	4.07e-005	6.85e-005	5.10e-005
12	4	0.418	7.984	41.80	83.7	0.0	2.35e-008	0.00e+000	2.35e-008

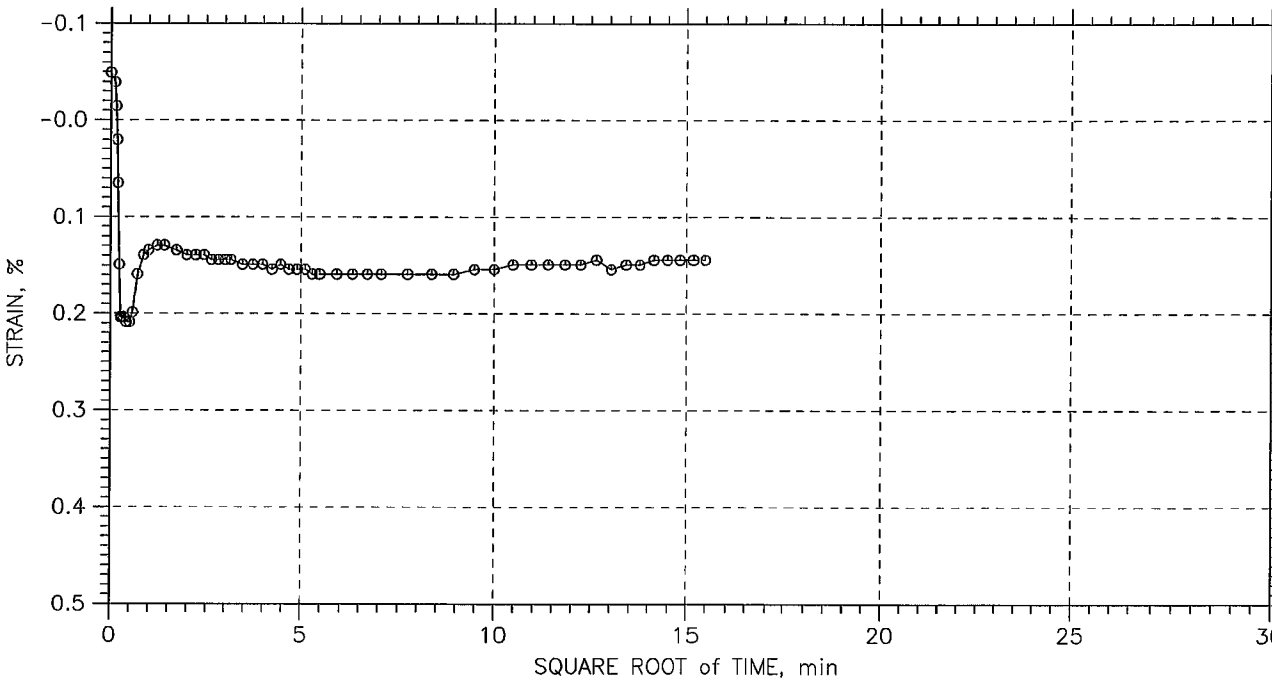
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

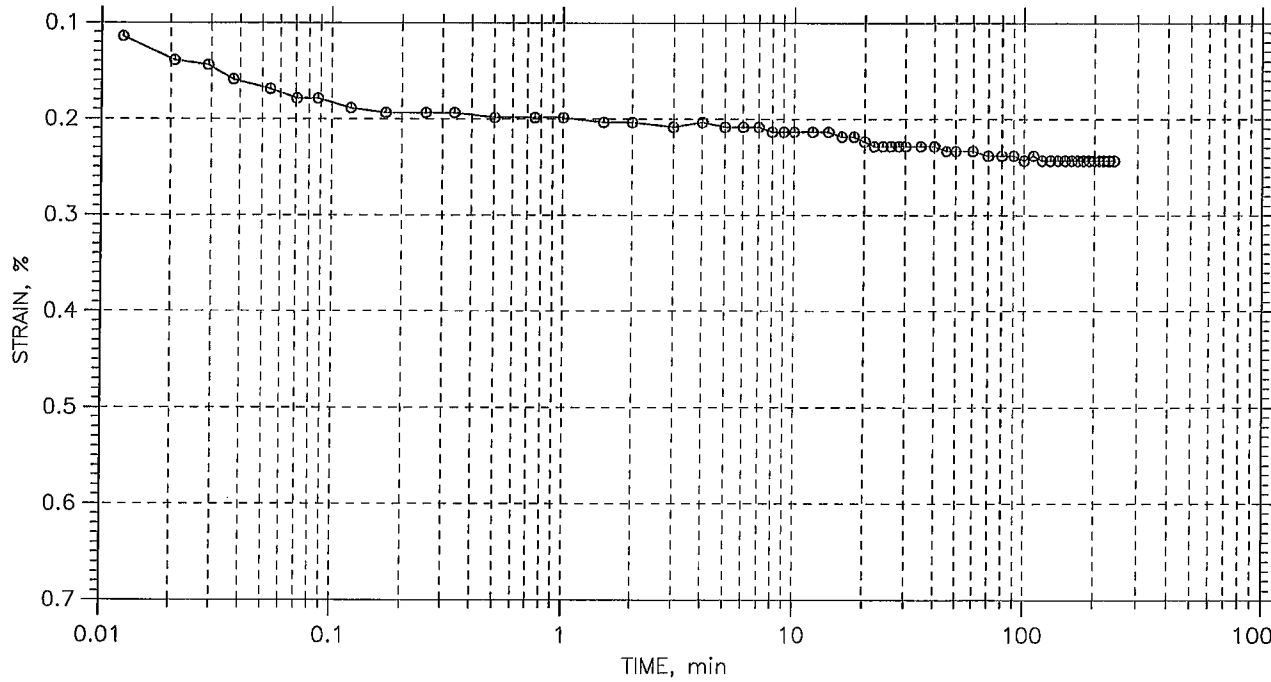
Wed, 28-MAR-2007 08:53:09

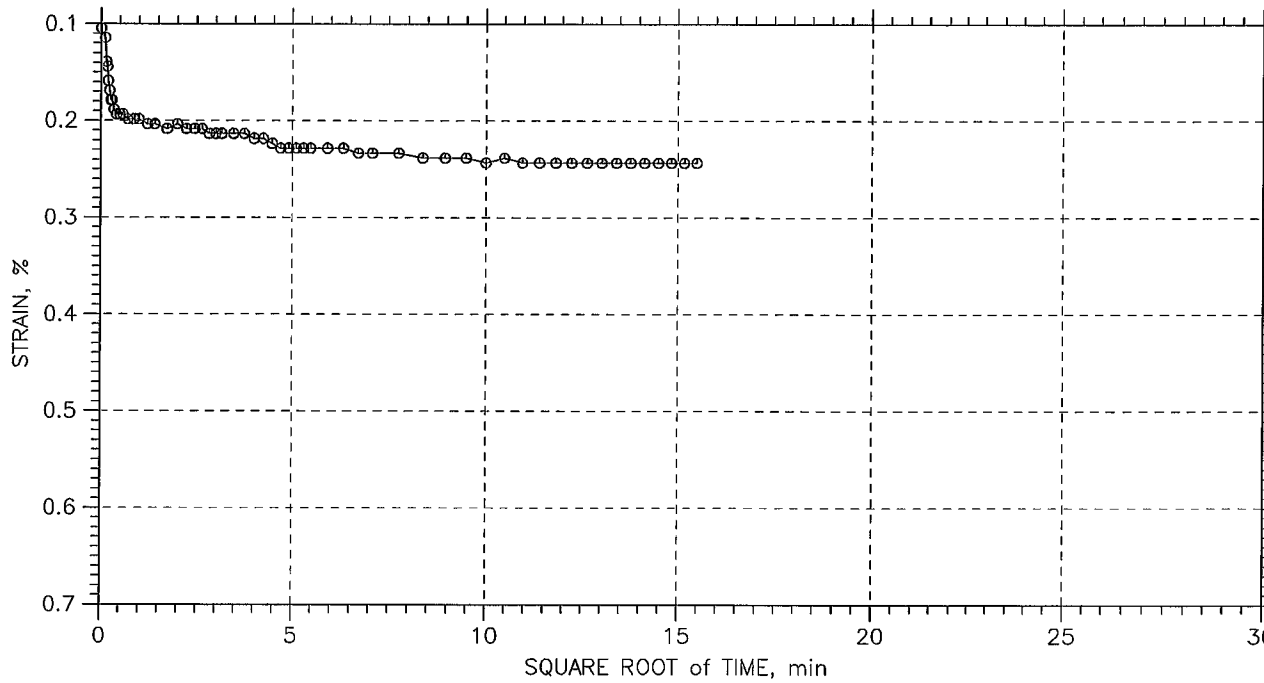
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

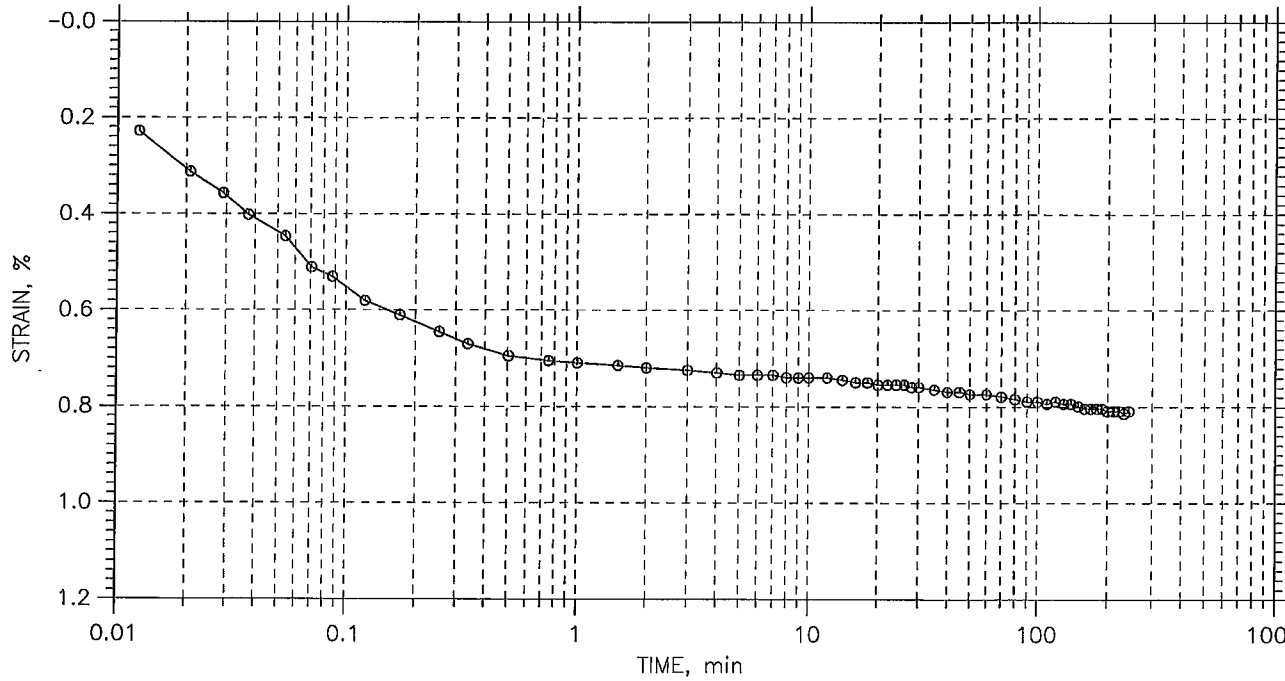
Wed, 28-MAR-2007 08:53:32

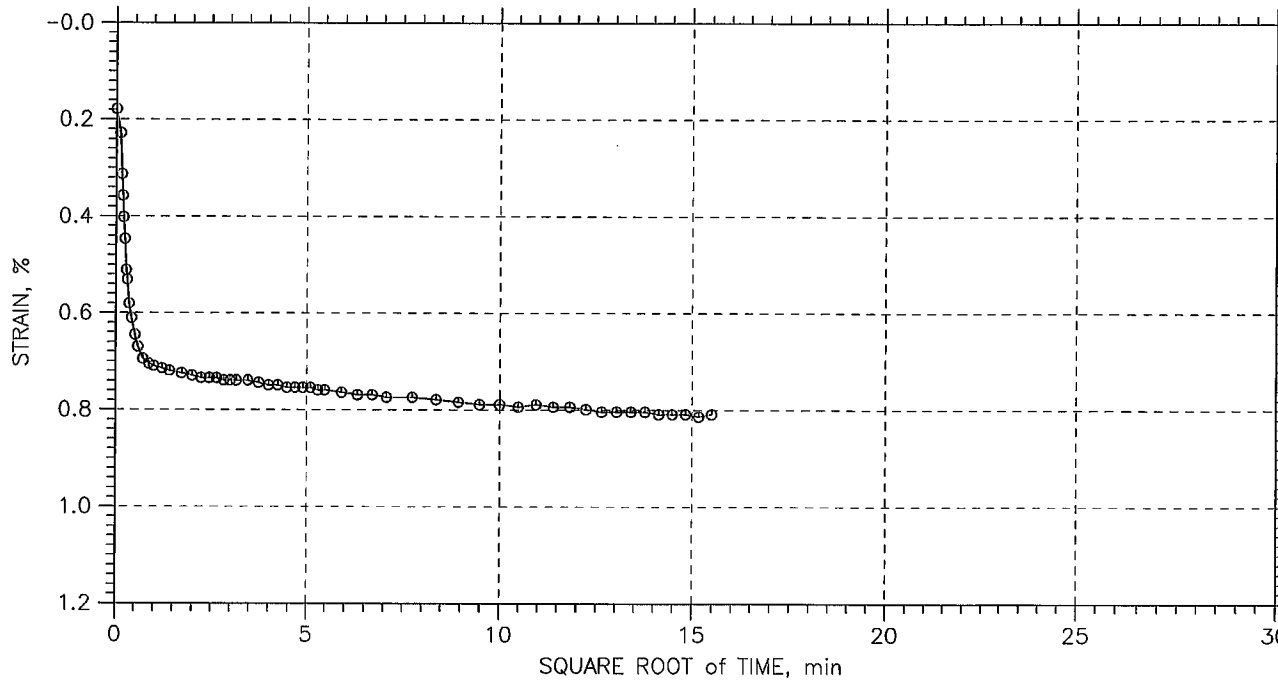
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

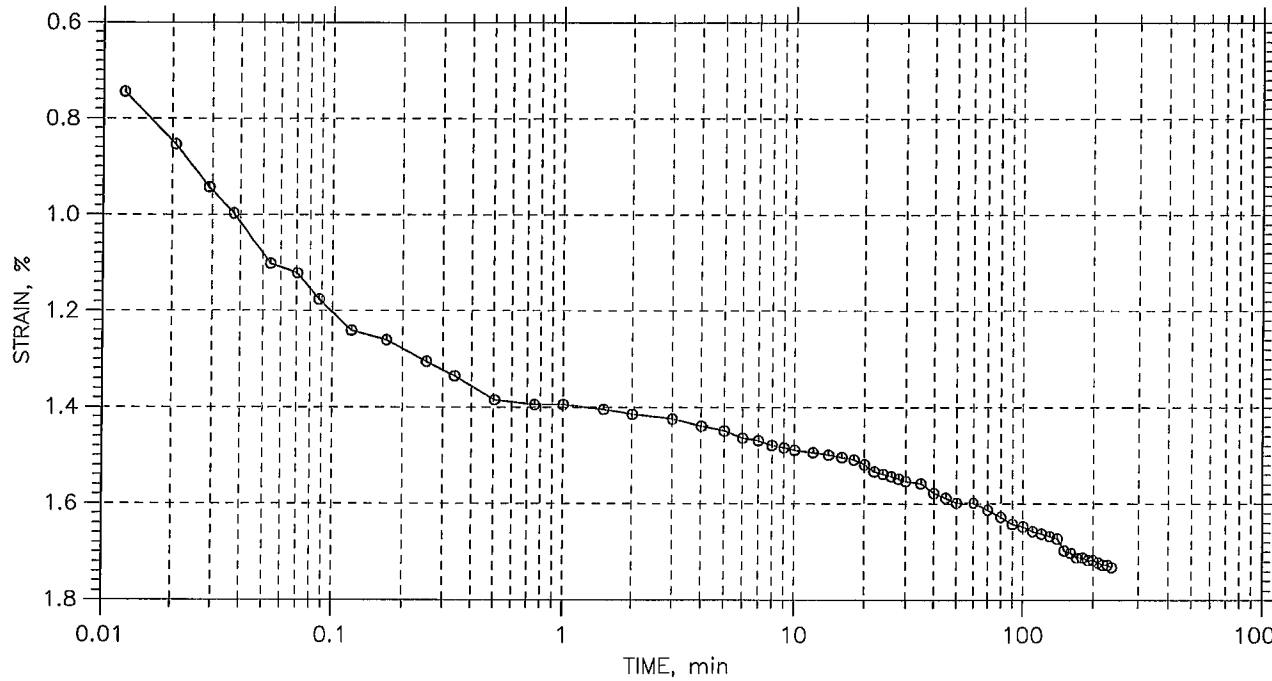
Wed, 28-MAR-2007 08:51:44

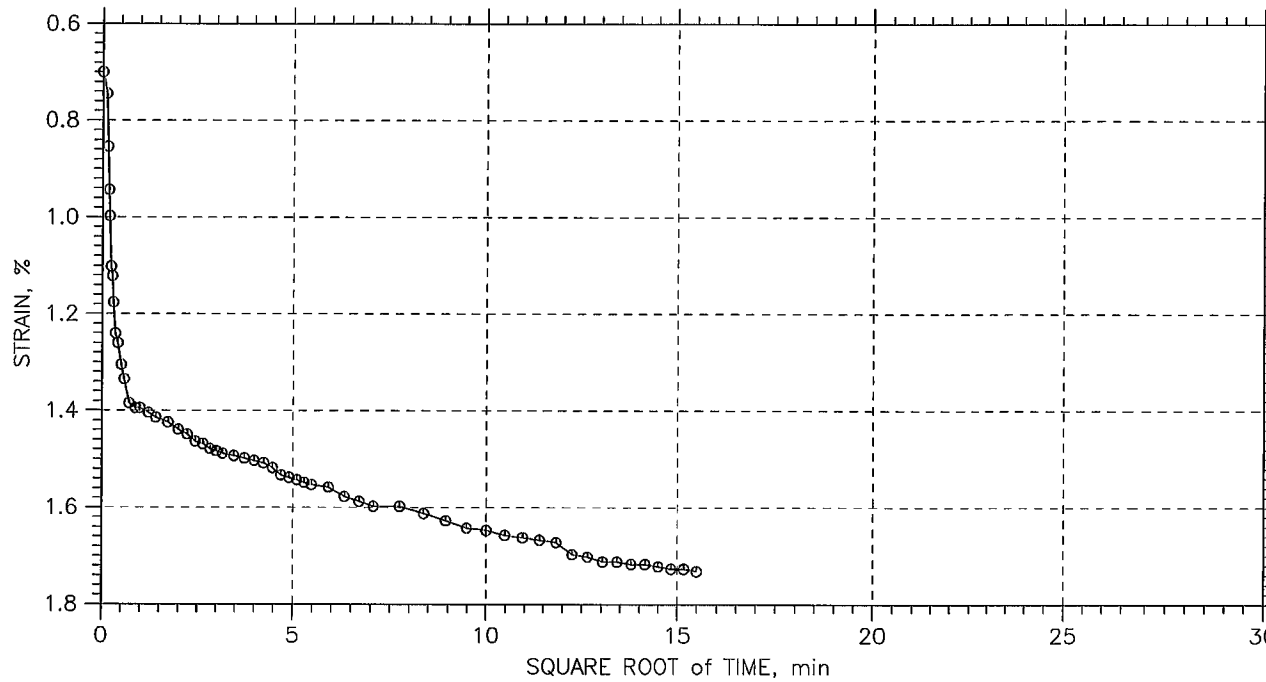
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

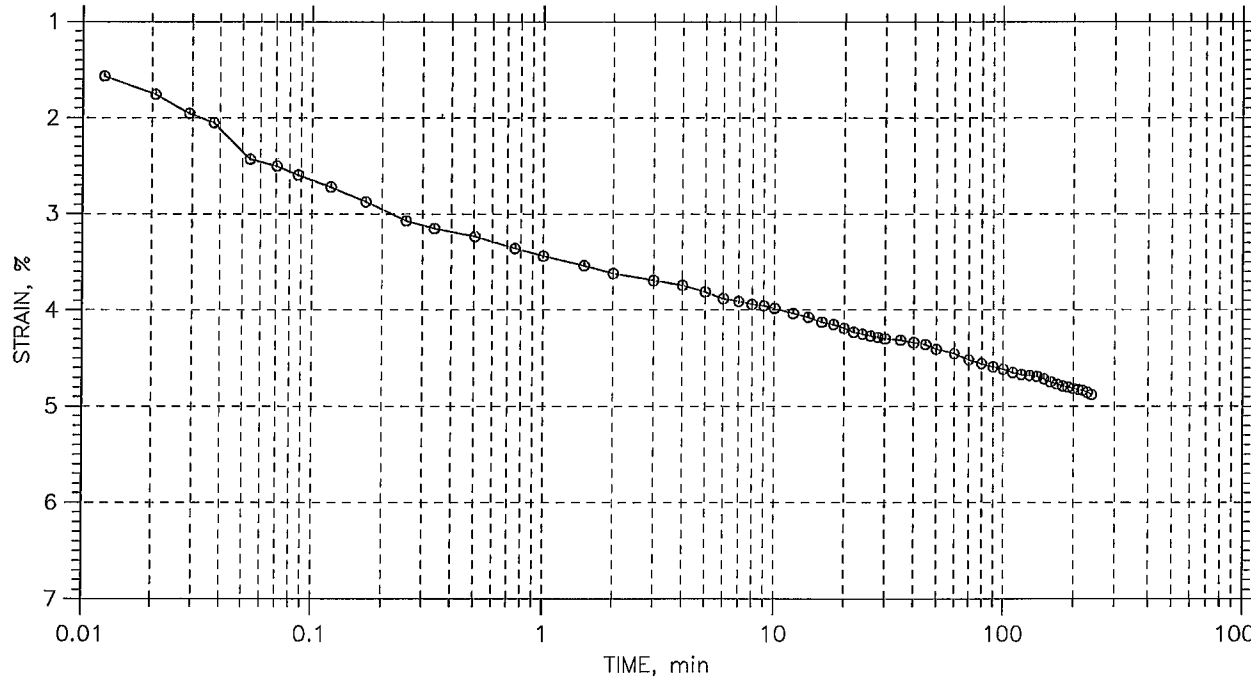
Wed, 28-MAR-2007 08:51:46

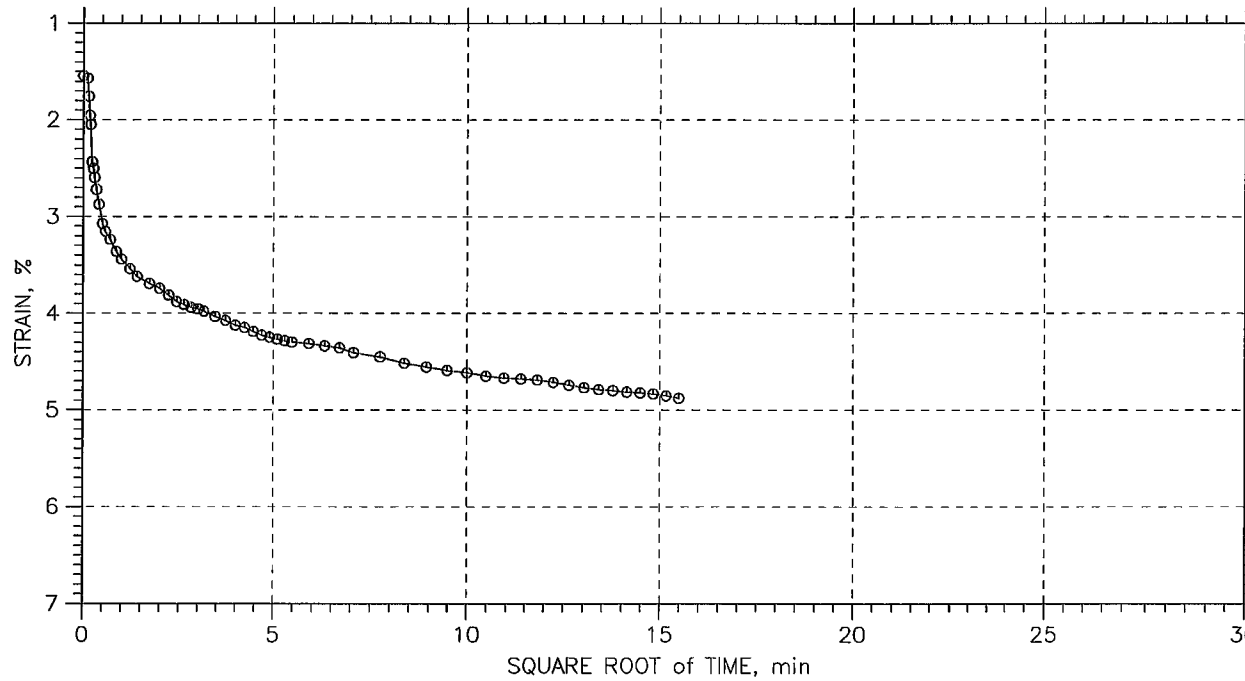
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

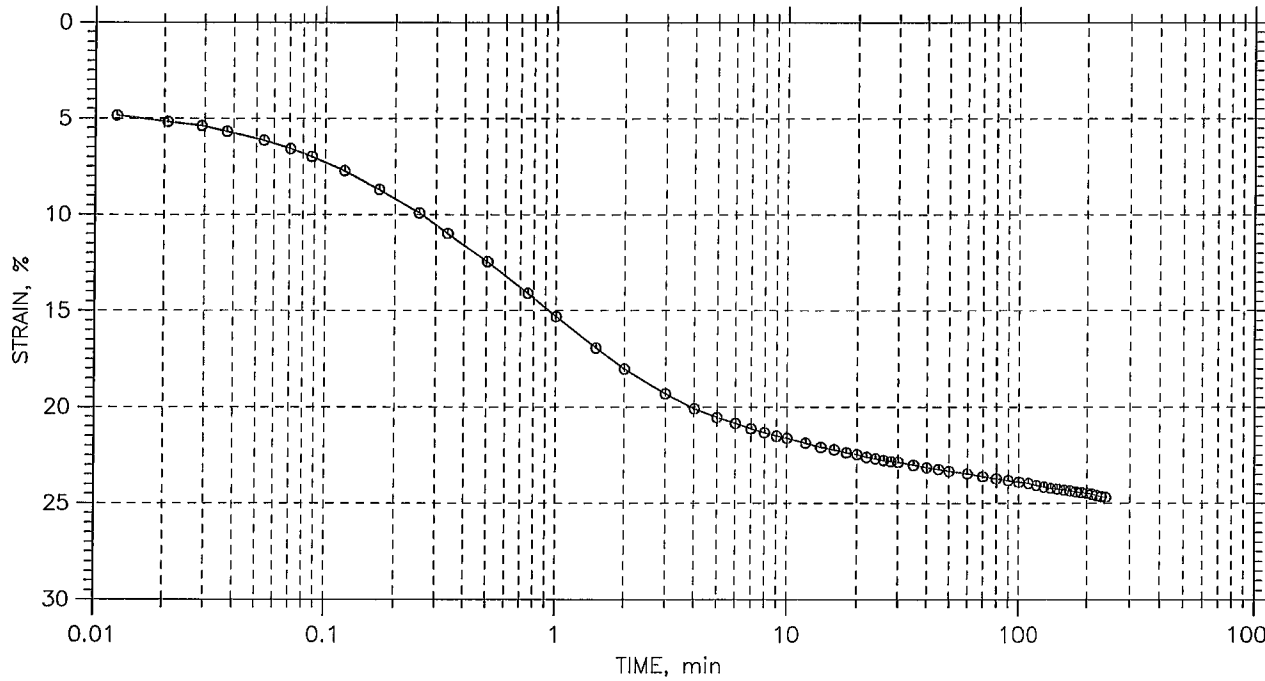
Wed, 28-MAR-2007 08:51:50

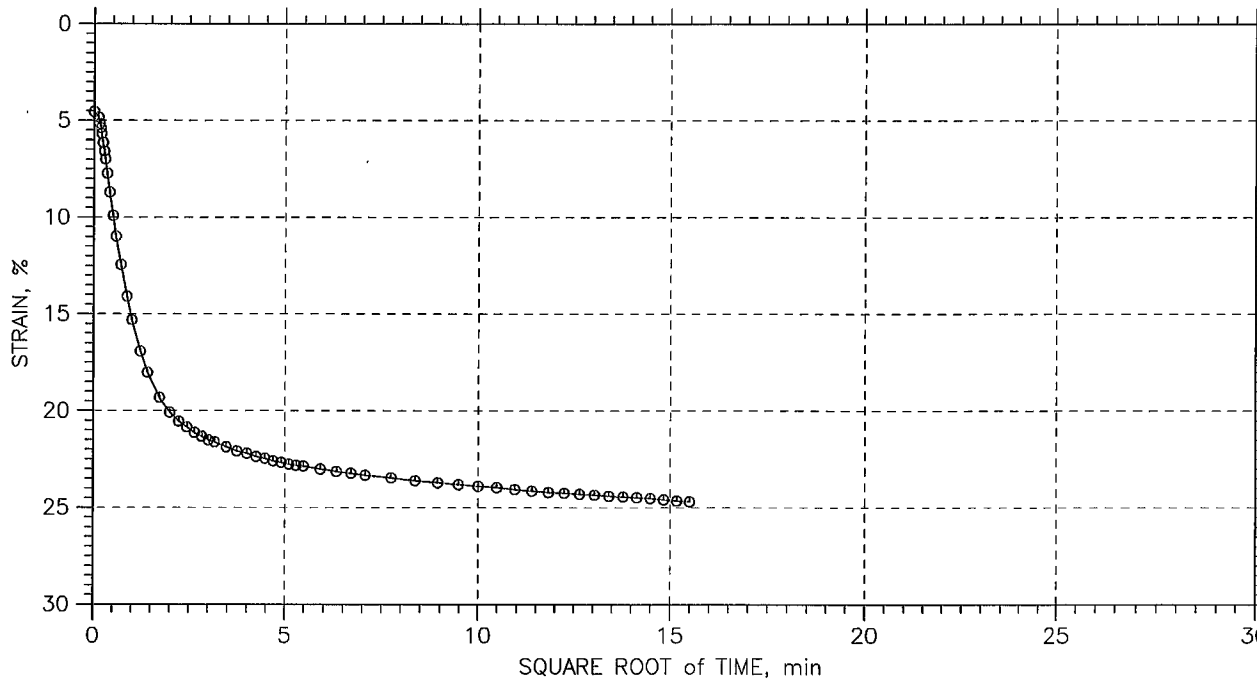
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

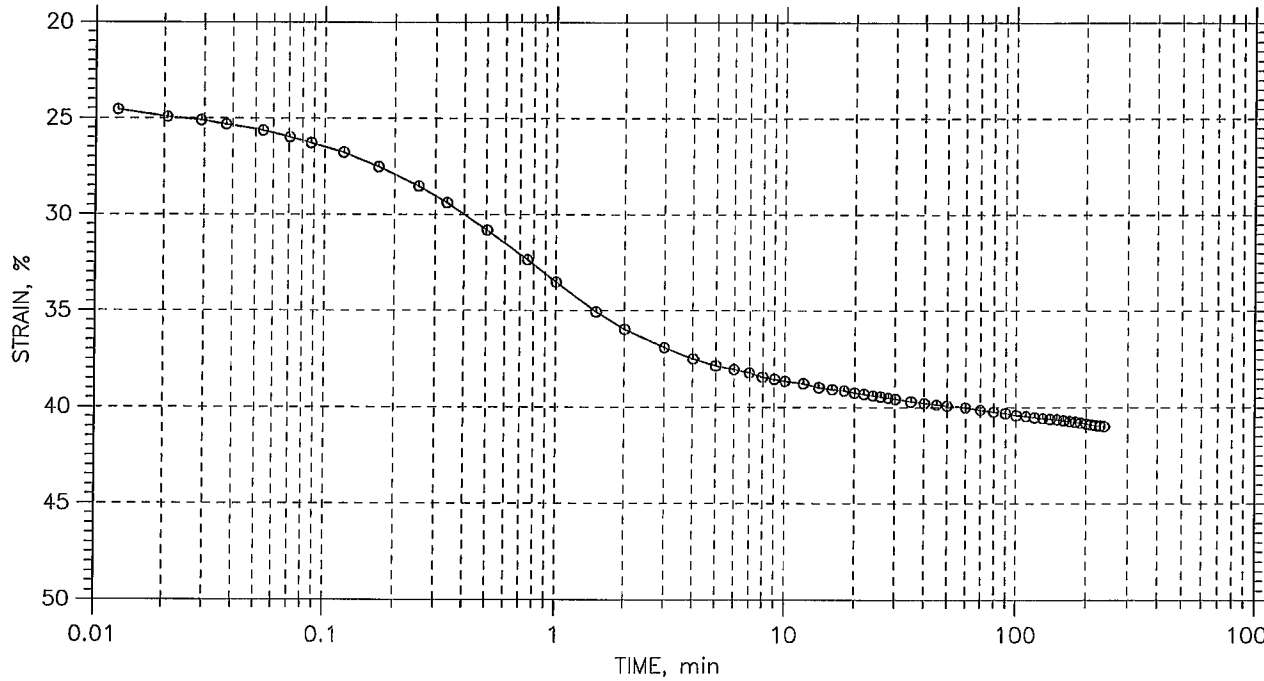
Wed, 28-MAR-2007 08:51:52

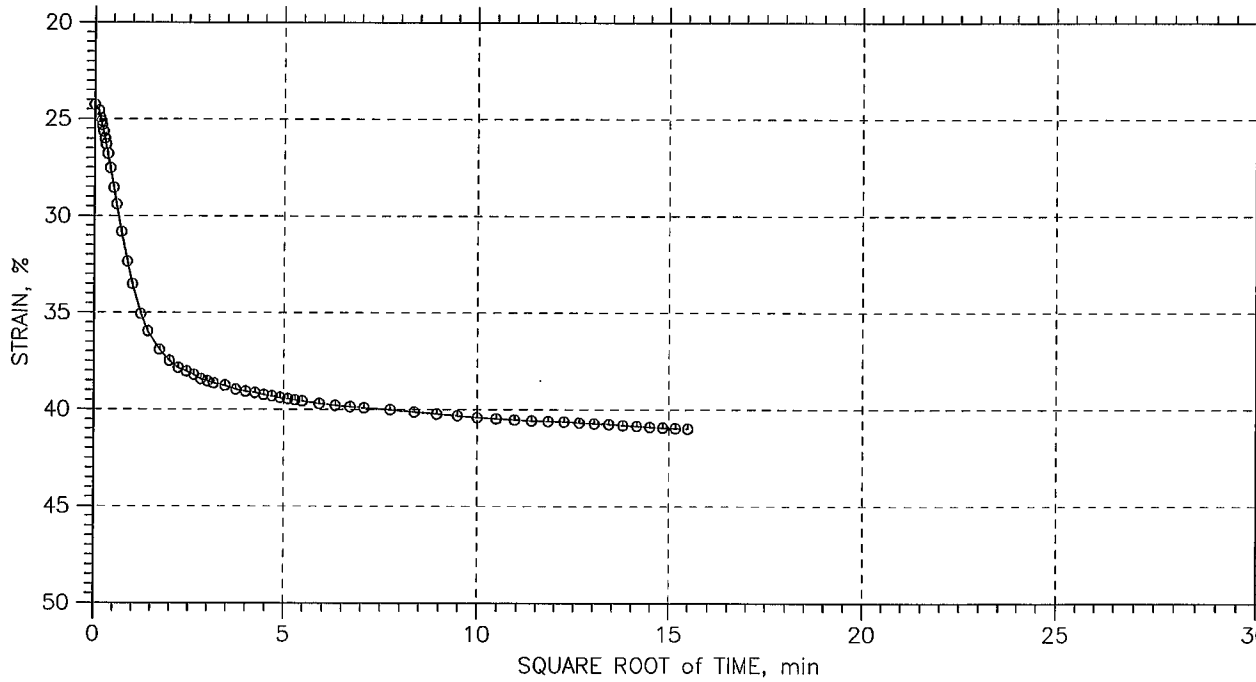
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

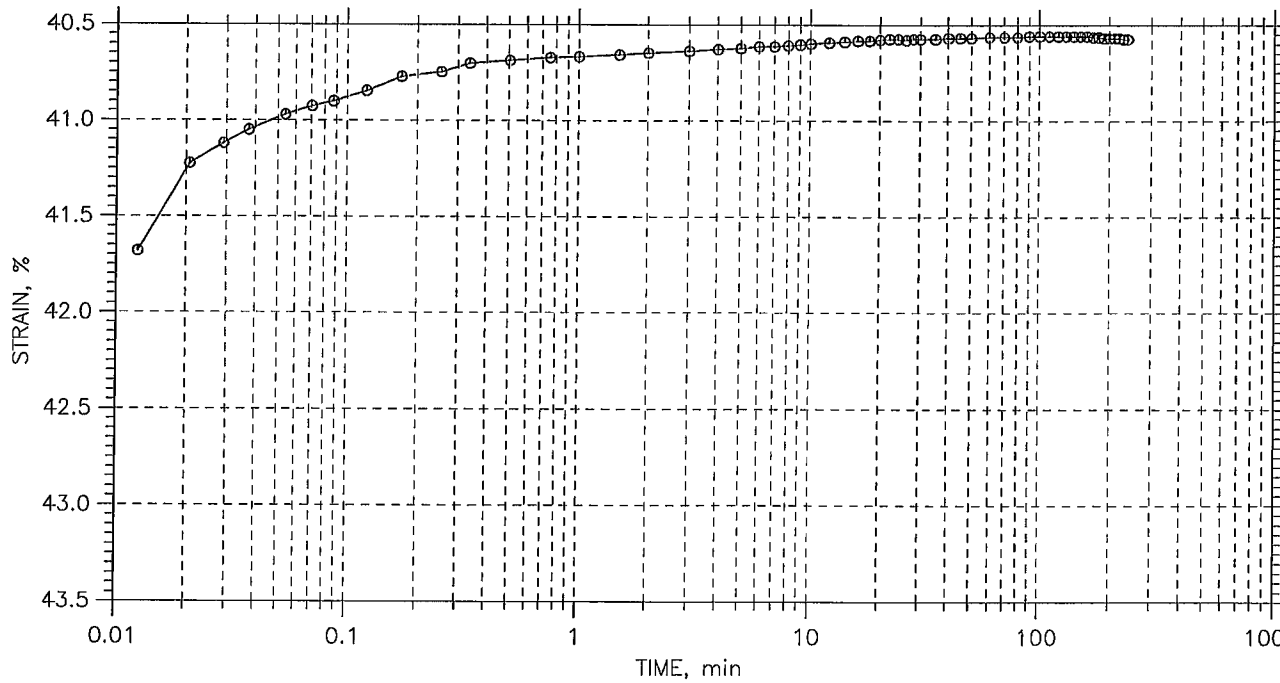
Wed, 28-MAR-2007 08:51:54

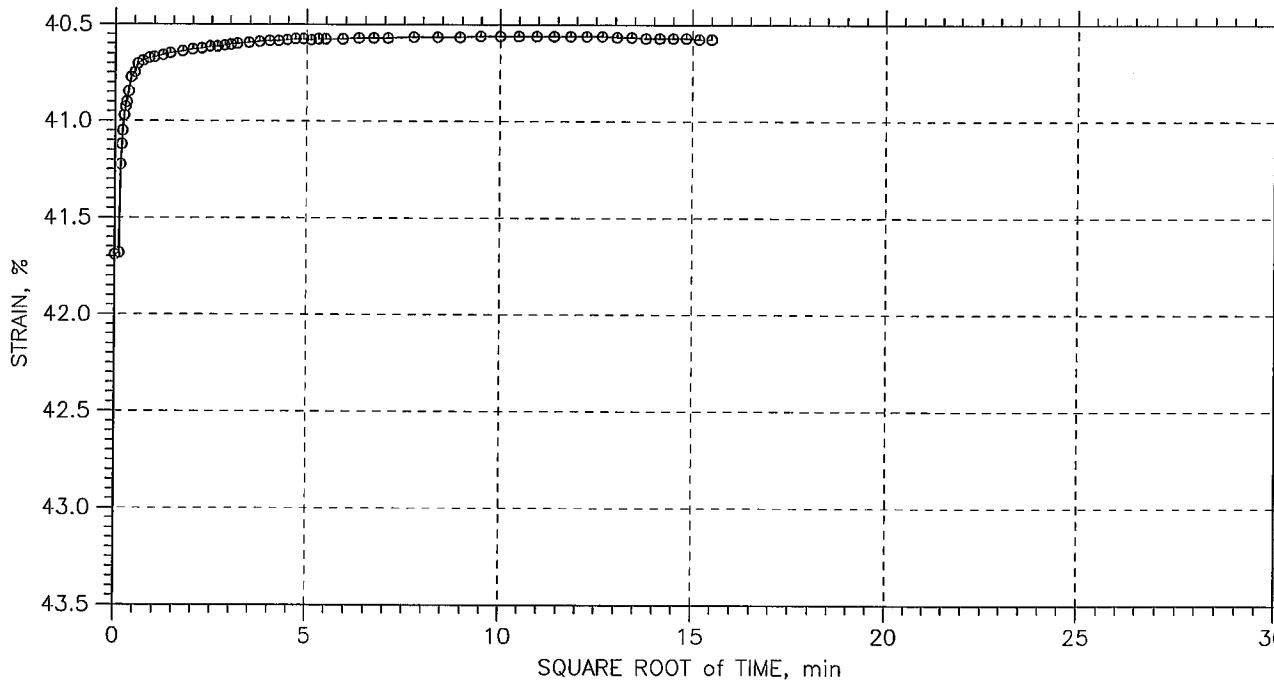
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

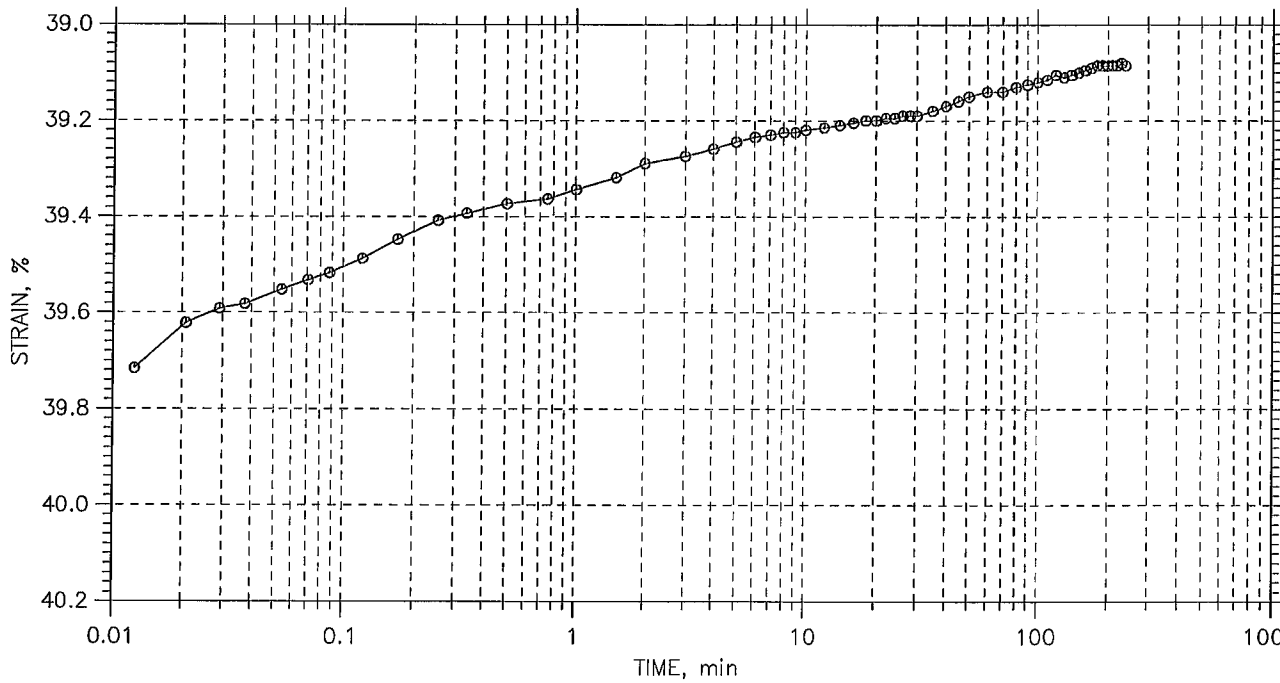
Wed, 28-MAR-2007 08:51:57

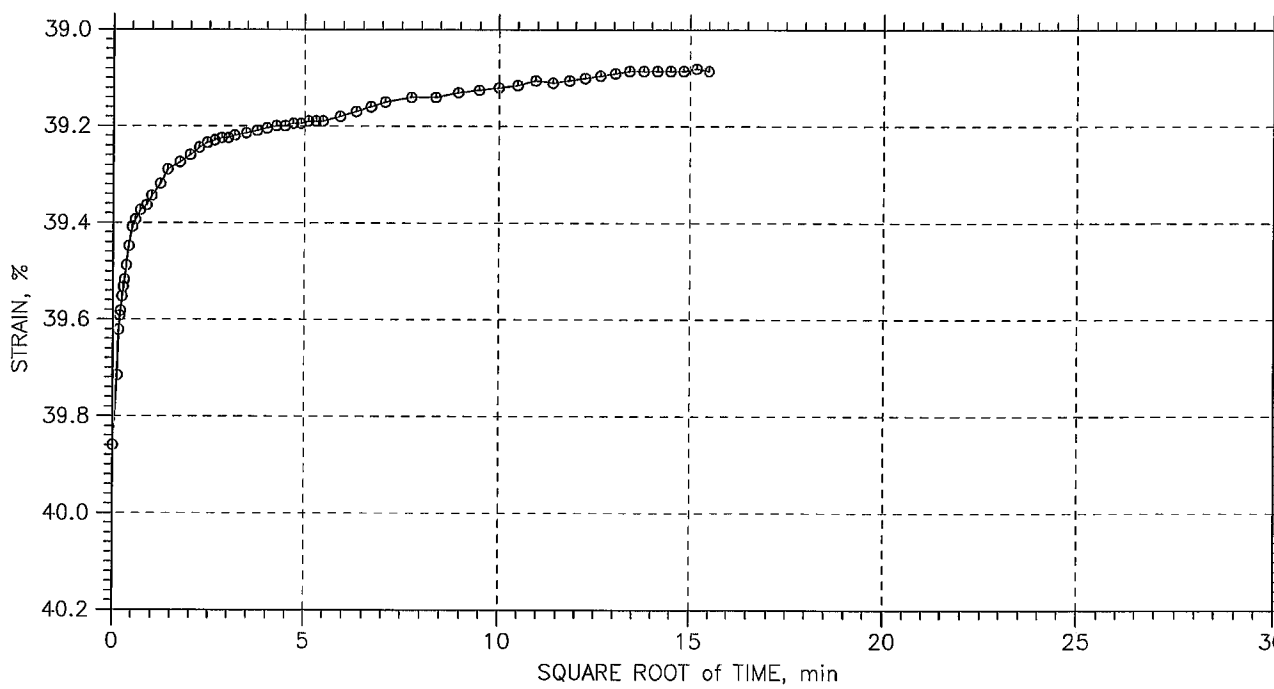
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

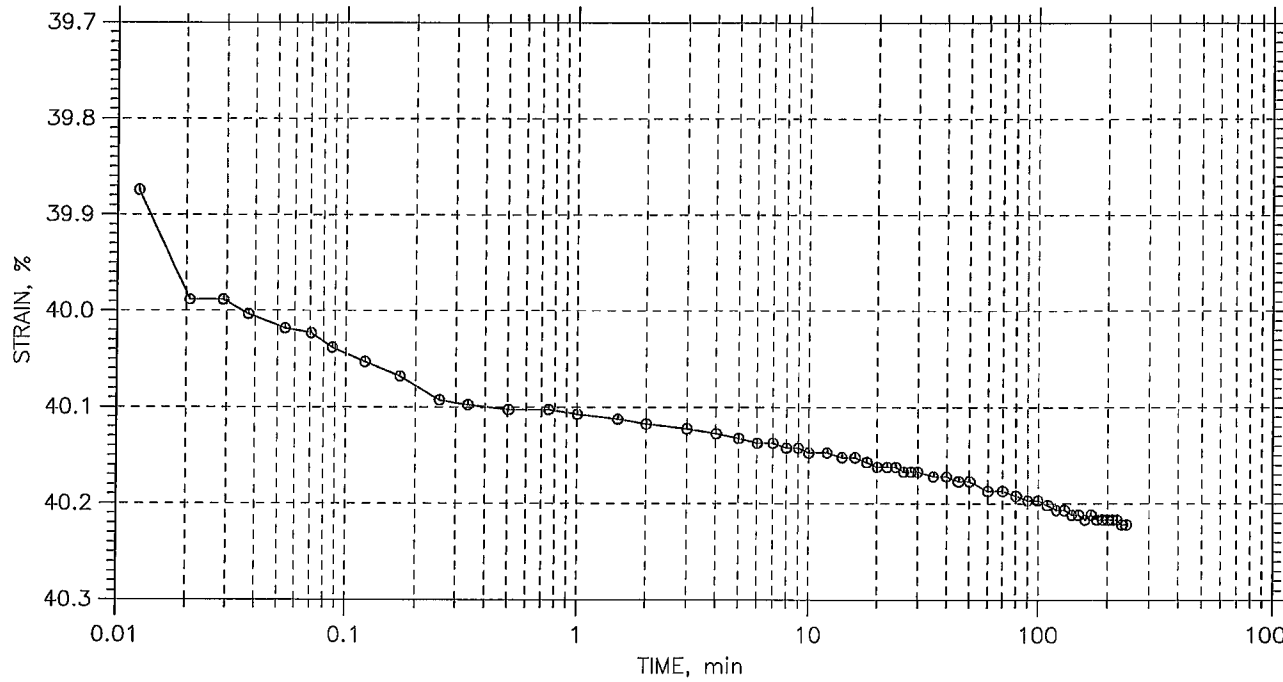
Wed, 28-MAR-2007 08:52:00

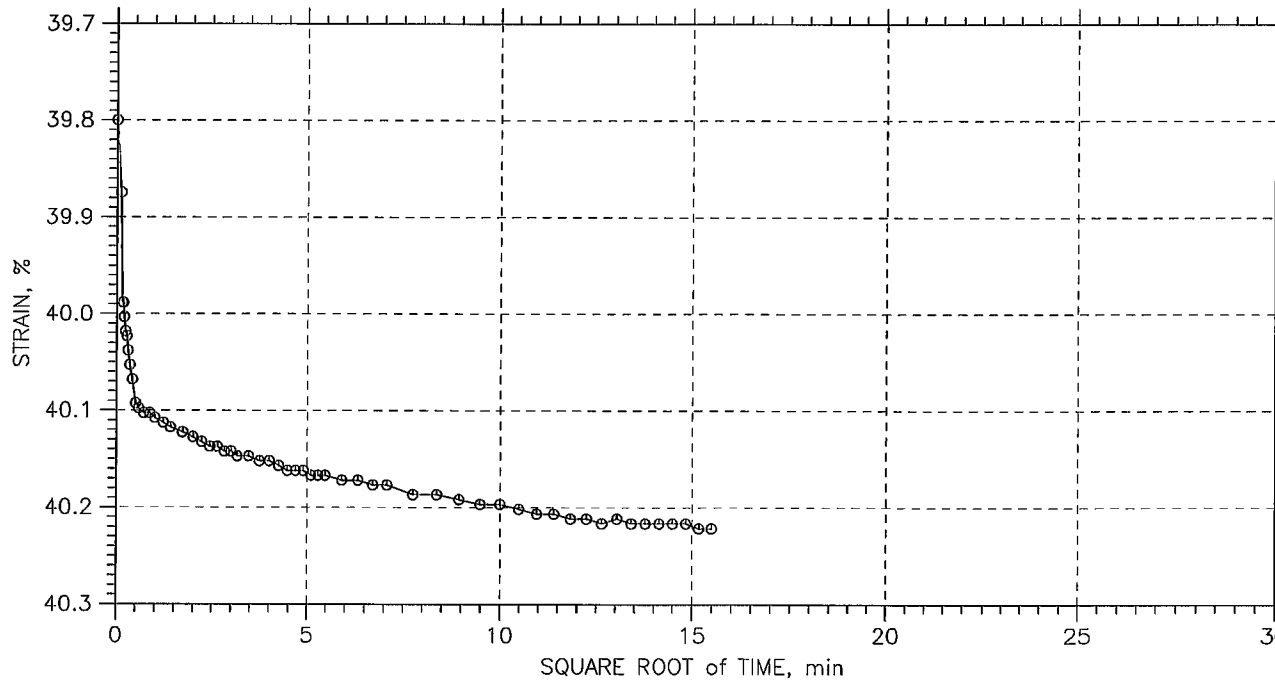
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

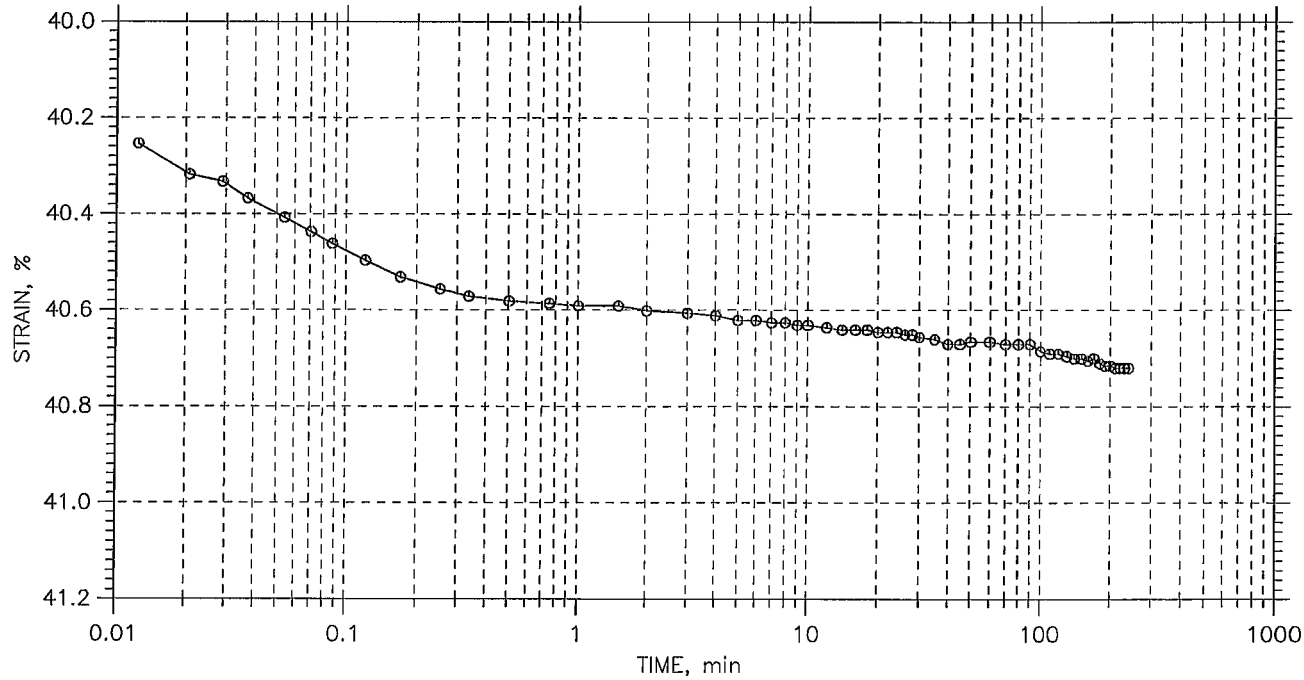
Wed, 28-MAR-2007 08:52:03

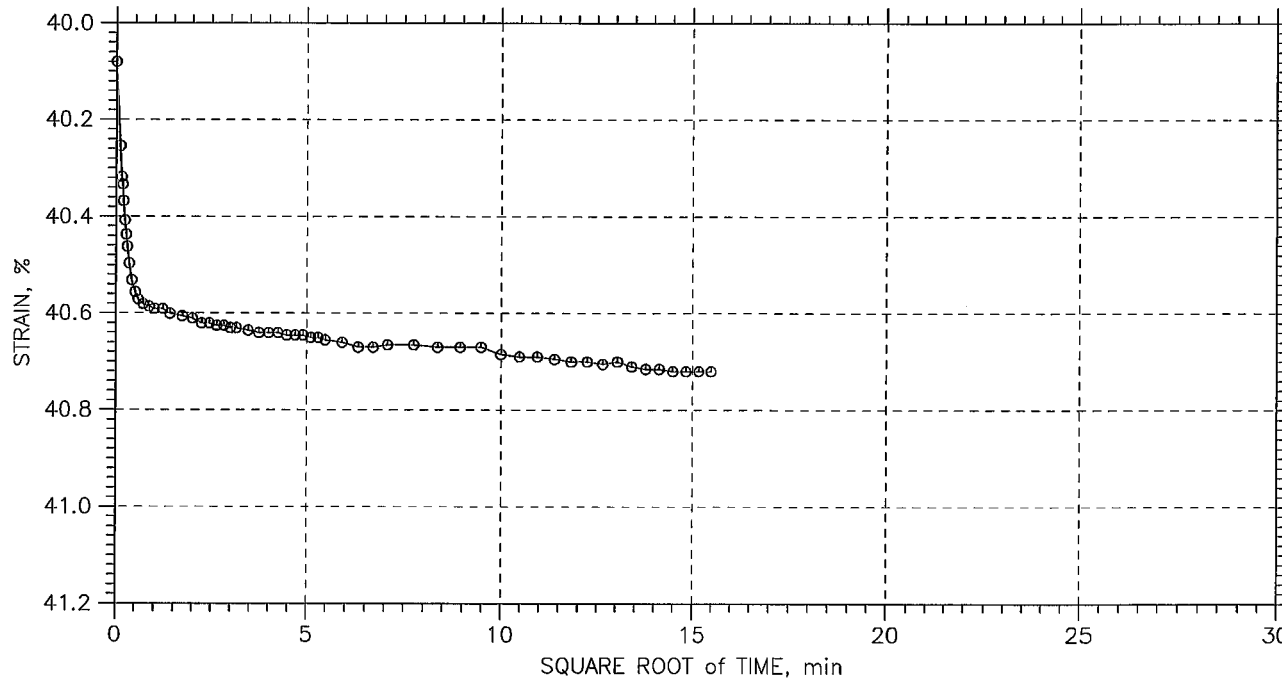
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

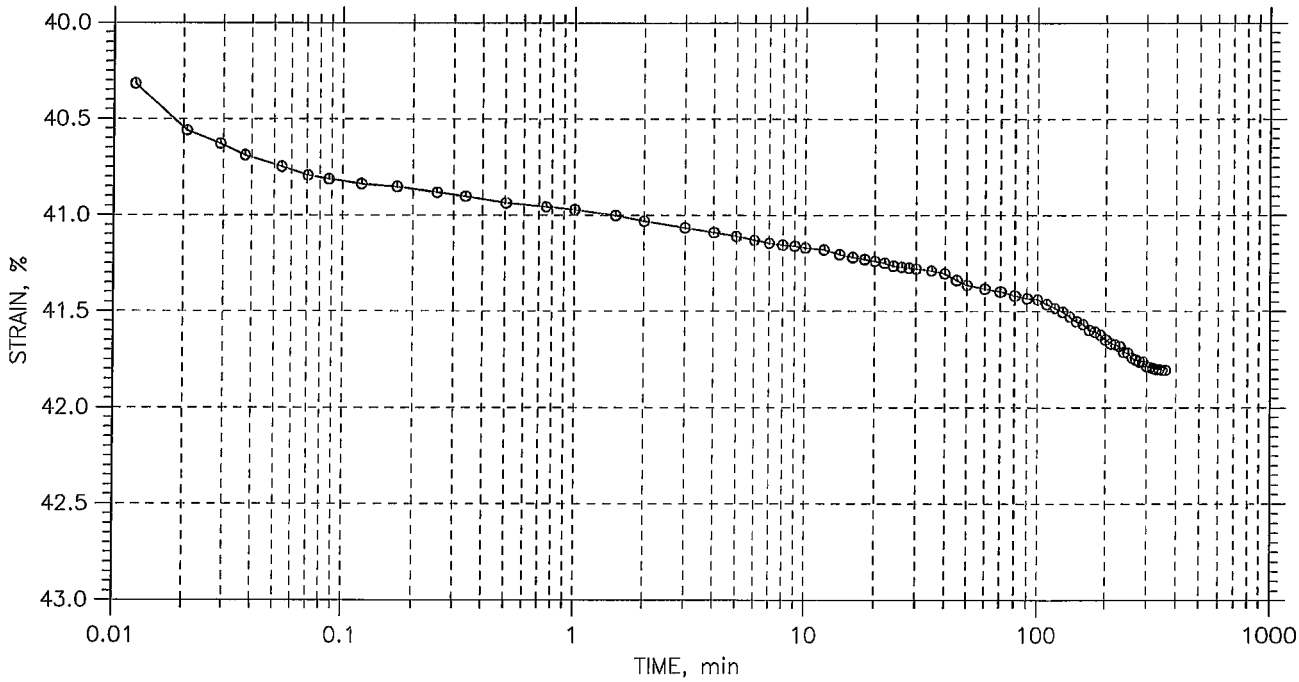
Wed, 28-MAR-2007 08:52:06

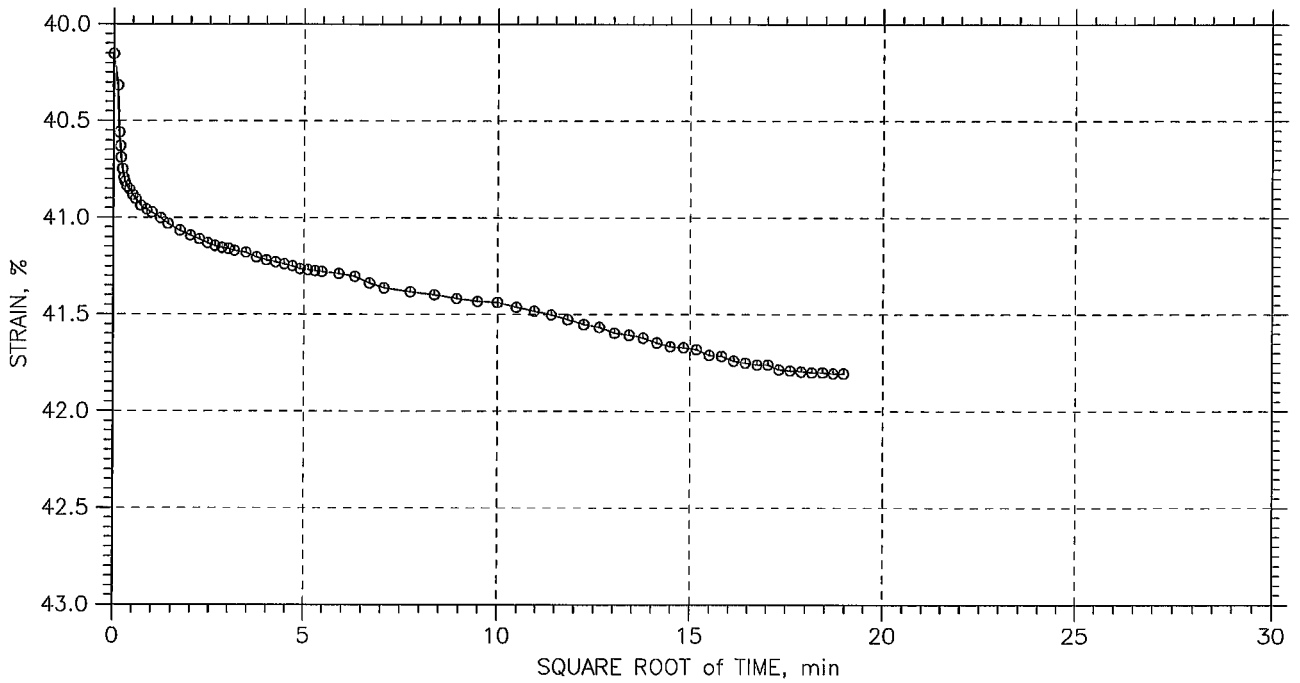
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



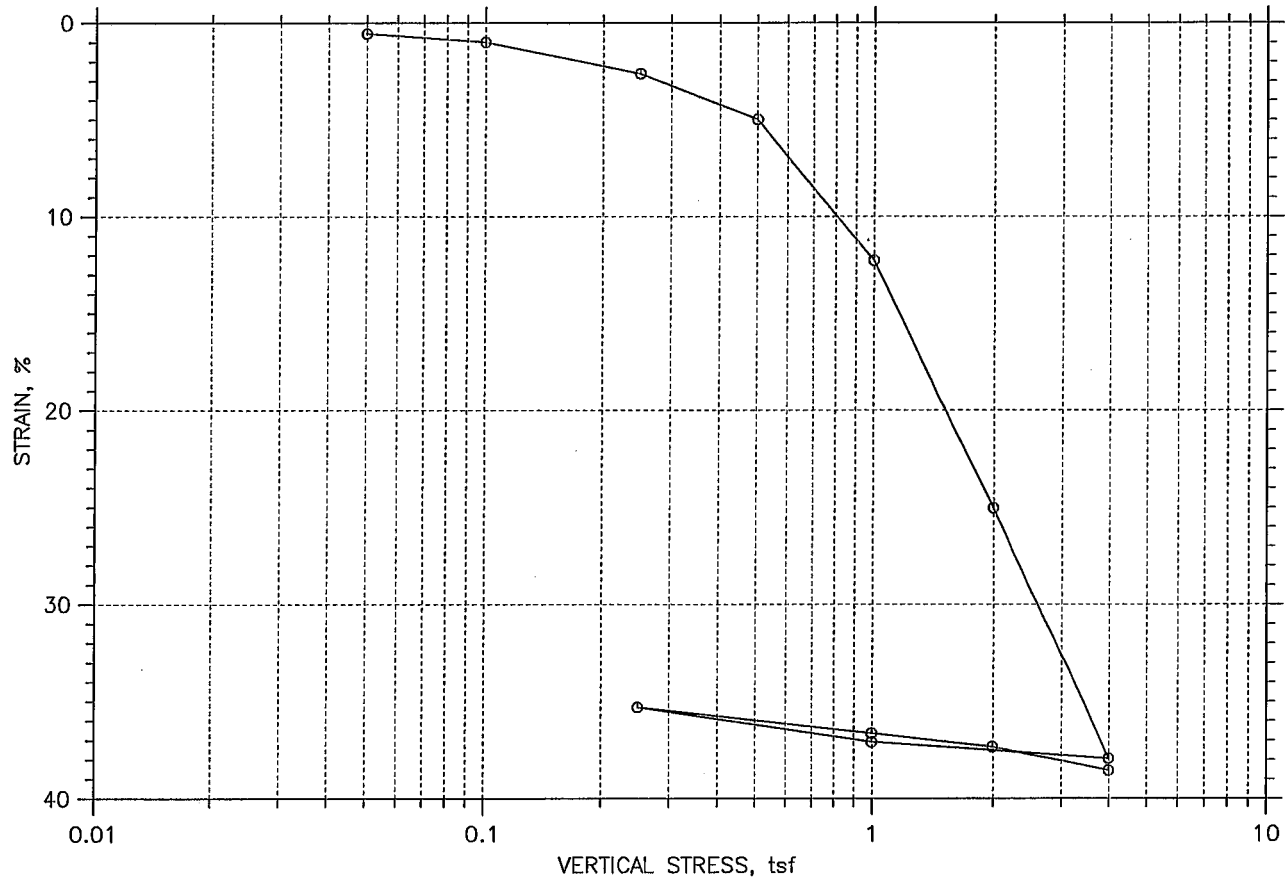


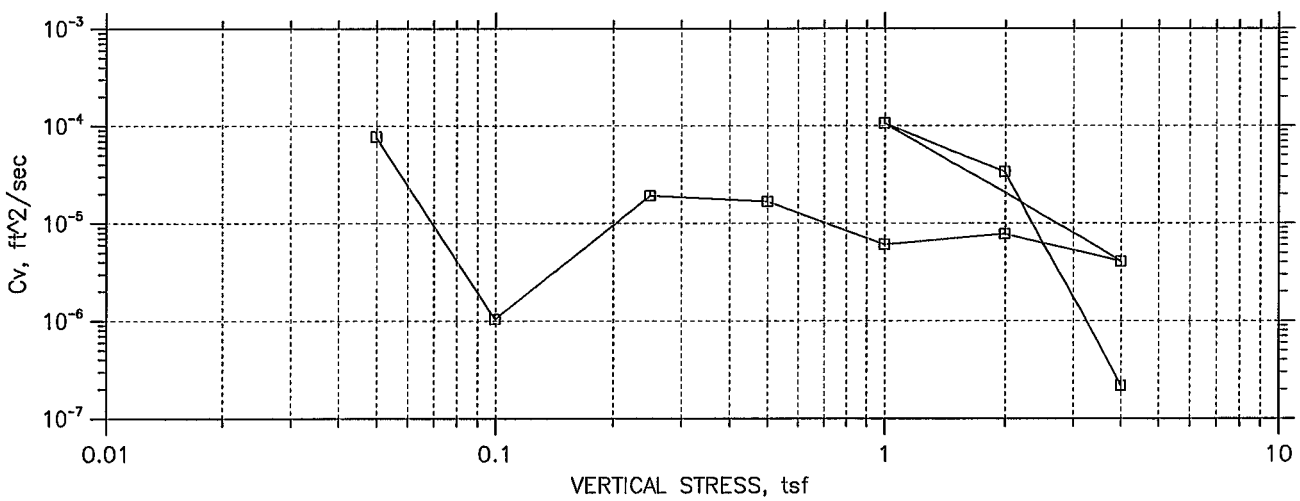
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-17	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-12	Sample Type: tube	Elevation: ---
	Description: Moist, light yellowish brown silt		
	Remarks: System Q		

Wed, 28-MAR-2007 08:52:08

CONSOLIDATION TEST DATA

SUMMARY REPORT



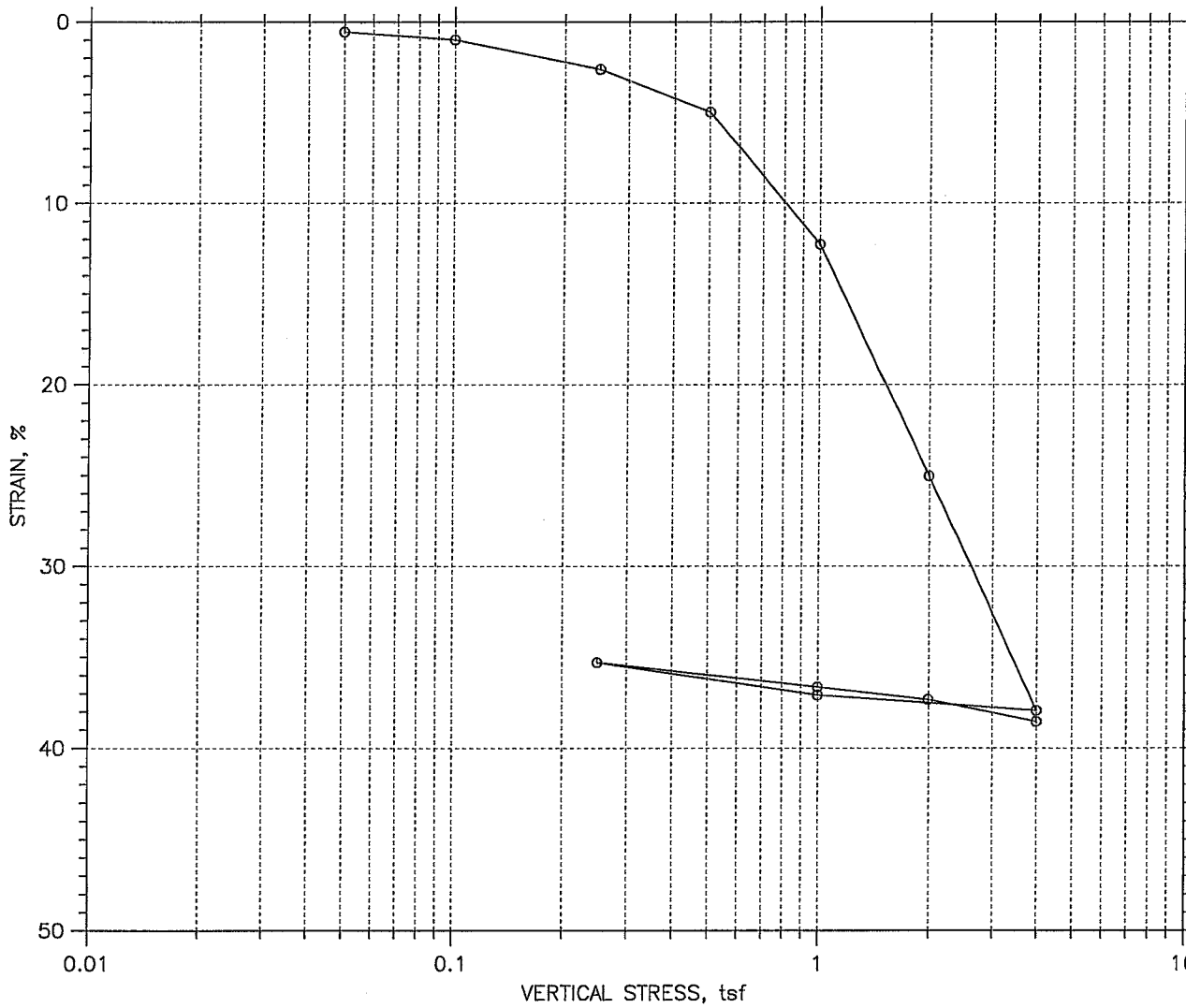


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

Thu, 19-APR-2007 16:44:03

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	377.35	223.23
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	14.75	24.
Compression Index: ---				Saturation, %	97.67	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	10.47	6.05
LL: 196	PL: 151	PI: 45	GS: 2.71			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

Thu, 19-APR-2007 16:44:03

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ-13-04
Sample No.: 0295-19
Test No.: C-21

Location: Syracuse, NY
Tested By: md
Test Date: 04/12/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 33-35 ft
Elevation: ---

Soil Description: Moist. gray silt
Remarks: System Q

Measured Specific Gravity: 2.71
Initial Void Ratio: 10.47
Final Void Ratio: 6.05

Liquid Limit: 196
Plastic Limit: 151
Plasticity Index: 45

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Cowbell	RING		2457
Wt. Container + Wet Soil, gm	135.07	306.62	277.33	70.03
Wt. Container + Dry Soil, gm	38.34	234.9	234.9	27.37
Wt. Container, gm	8.37	215.9	215.9	8.26
Wt. Dry Soil, gm	29.97	19.005	19.005	19.11
Water Content, %	322.76	377.35	223.23	223.23
Void Ratio	---	10.47	6.05	---
Degree of Saturation, %	---	97.67	100.00	---
Dry Unit Weight, pcf	---	14.749	23.998	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: PZ-13-04
Sample No.: 0295-19
Test No.: C-21

Location: Syracuse, NY
Tested By: md
Test Date: 04/12/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 33-35 ft
Elevation: ---

Soil Description: Moist. gray silt
Remarks: System Q

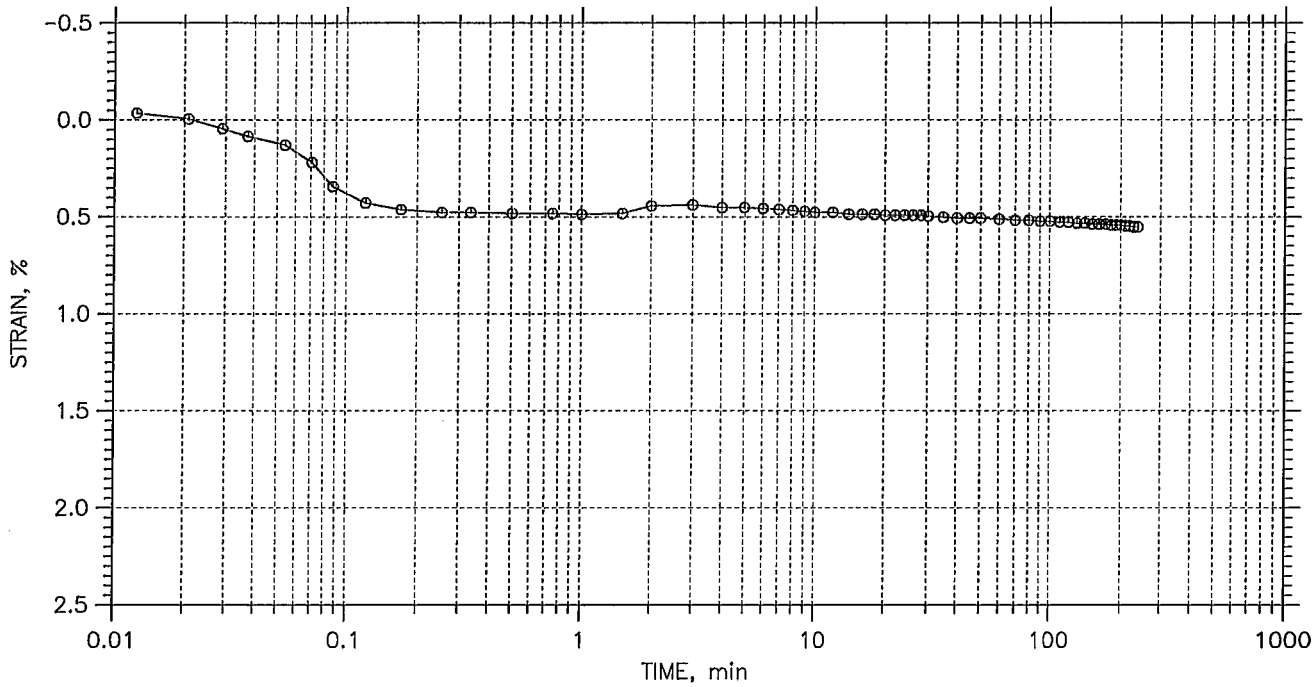
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.00551	10.407	0.55	0.1	0.0	7.76e-005	0.00e+000	7.76e-005
2	0.1	0.009875	10.357	0.99	5.4	0.0	1.04e-006	0.00e+000	1.04e-006
3	0.25	0.02615	10.170	2.61	0.4	0.1	1.25e-005	4.19e-005	1.93e-005
4	0.5	0.04977	9.899	4.98	0.5	0.2	1.11e-005	3.44e-005	1.68e-005
5	1	0.1226	9.064	12.26	1.2	0.3	3.88e-006	1.46e-005	6.12e-006
6	2	0.2503	7.600	25.03	0.5	0.4	6.92e-006	9.02e-006	7.83e-006
7	4	0.3793	6.120	37.93	0.7	0.6	3.74e-006	4.52e-006	4.10e-006
8	1	0.3708	6.218	37.08	0.1	0.0	4.24e-005	9.06e-005	5.78e-005
9	0.25	0.3529	6.423	35.29	1.0	0.0	2.33e-006	0.00e+000	2.33e-006
10	1	0.3663	6.268	36.63	0.0	0.0	9.98e-005	1.16e-004	1.07e-004
11	2	0.3733	6.189	37.33	0.1	0.0	2.23e-005	7.15e-005	3.40e-005
12	4	0.3854	6.050	38.54	10.1	0.0	2.19e-007	0.00e+000	2.19e-007

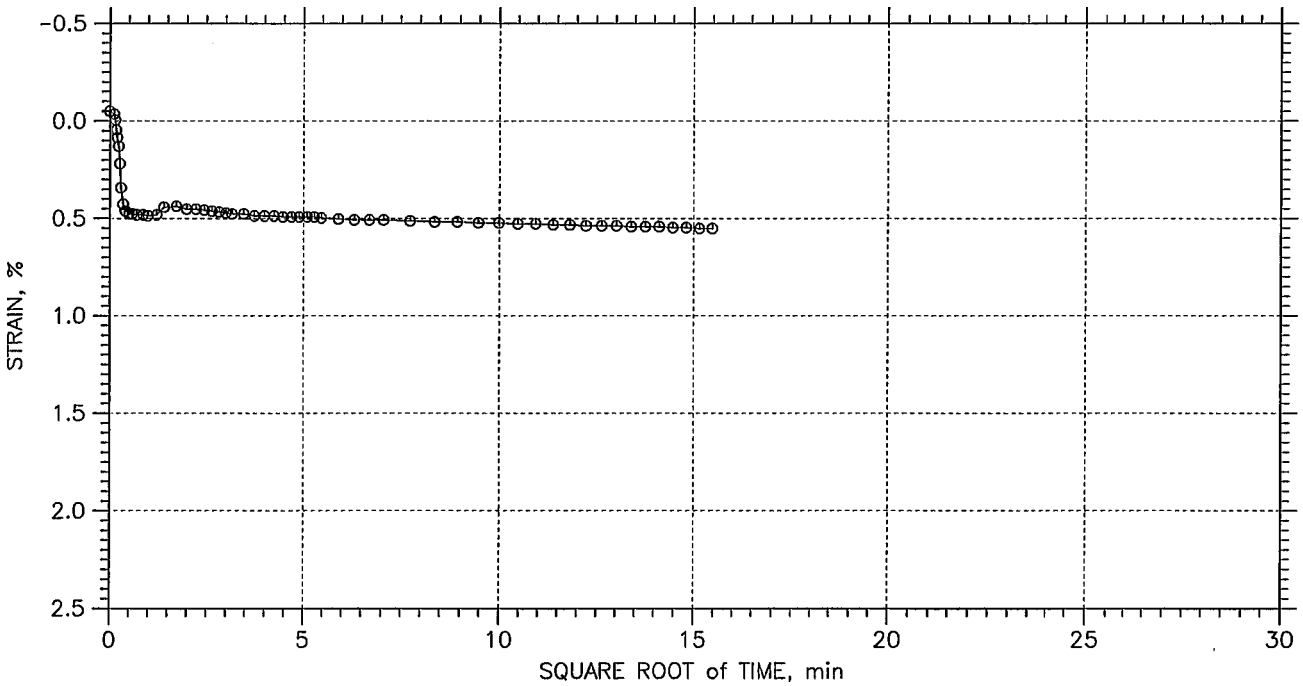
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express, a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

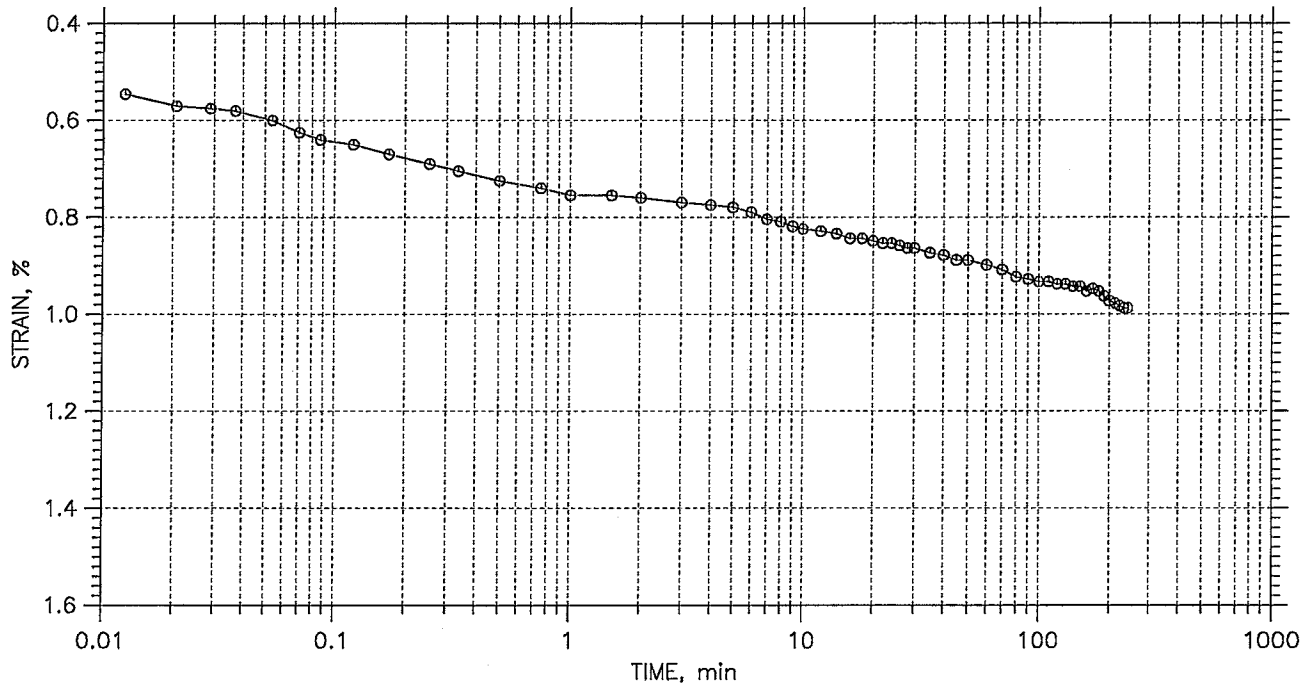
Thu, 19-APR-2007 16:44:56

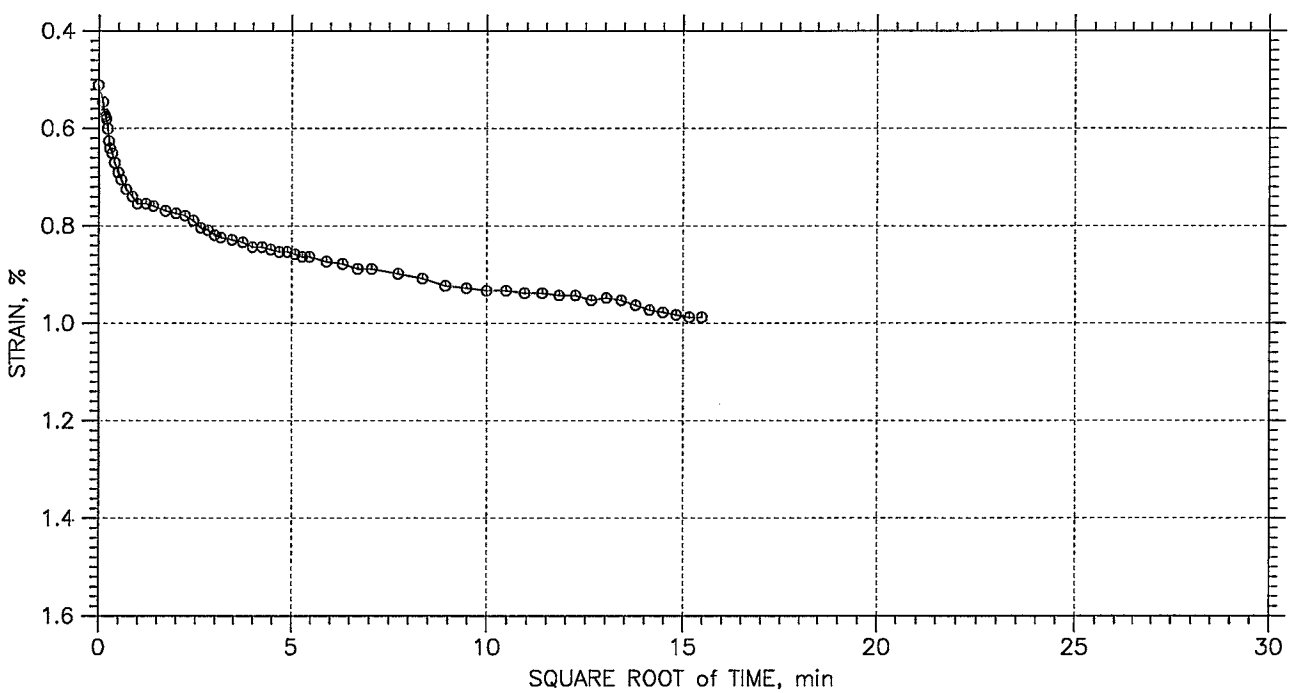
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

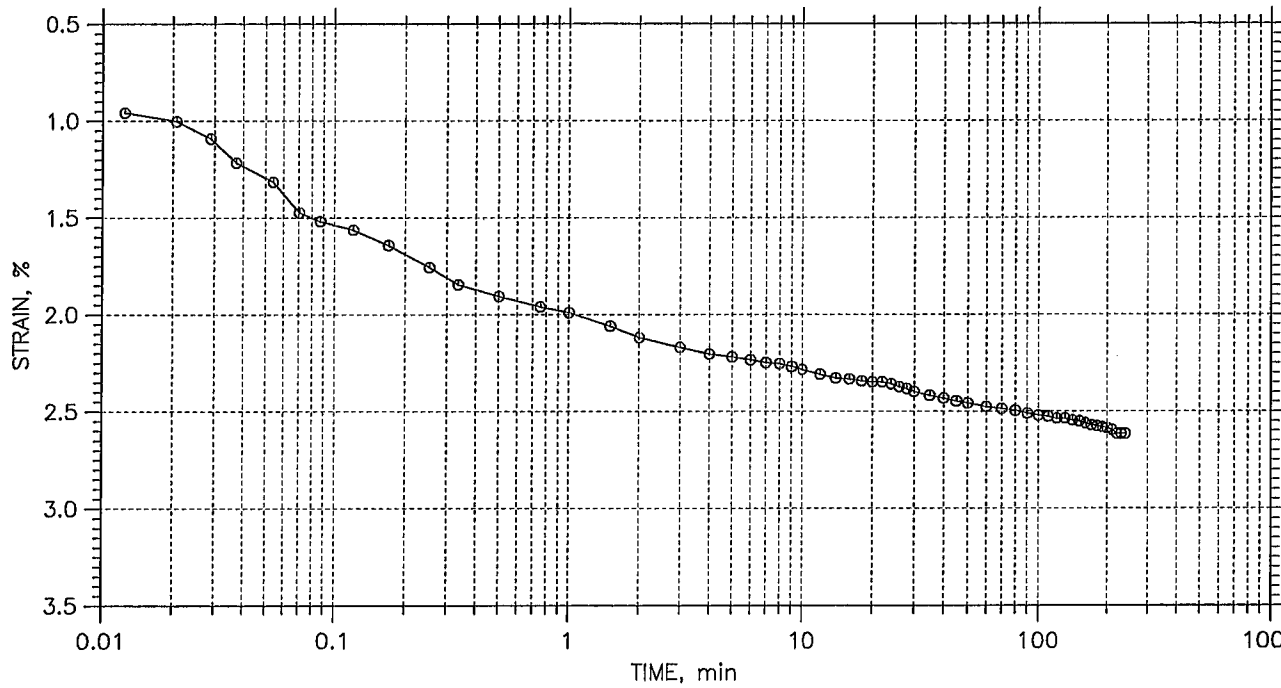
Thu, 19-APR-2007 16:45:31

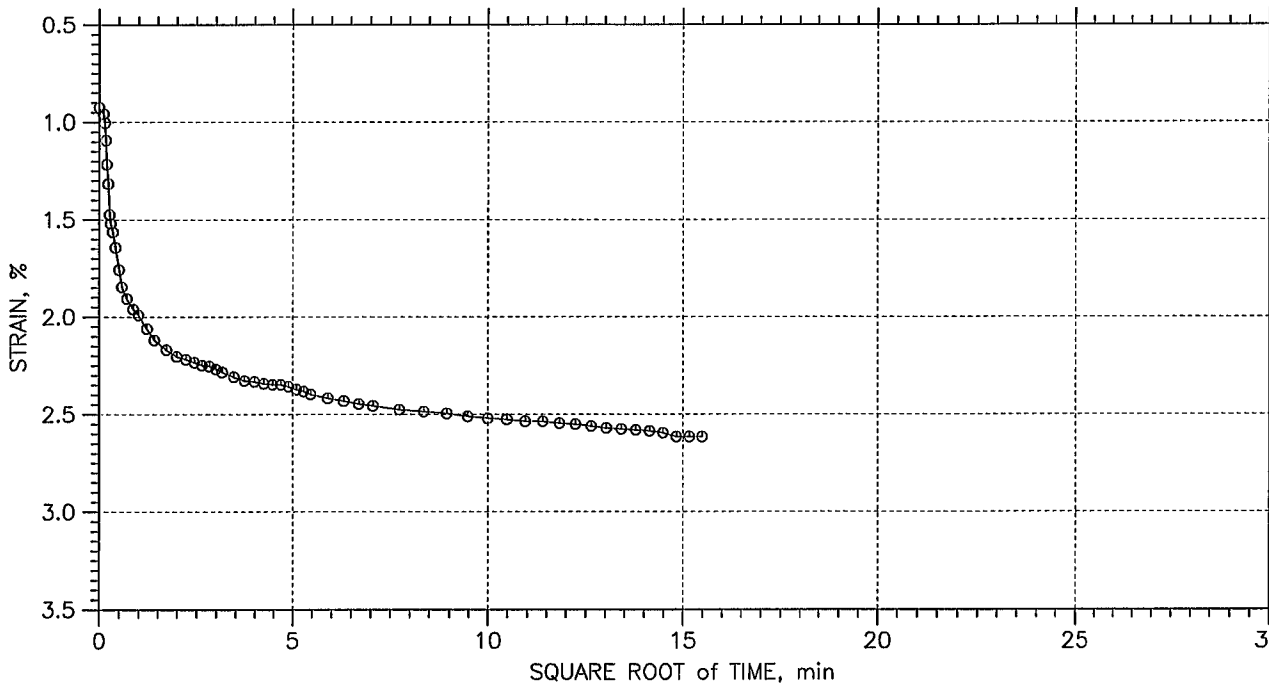
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

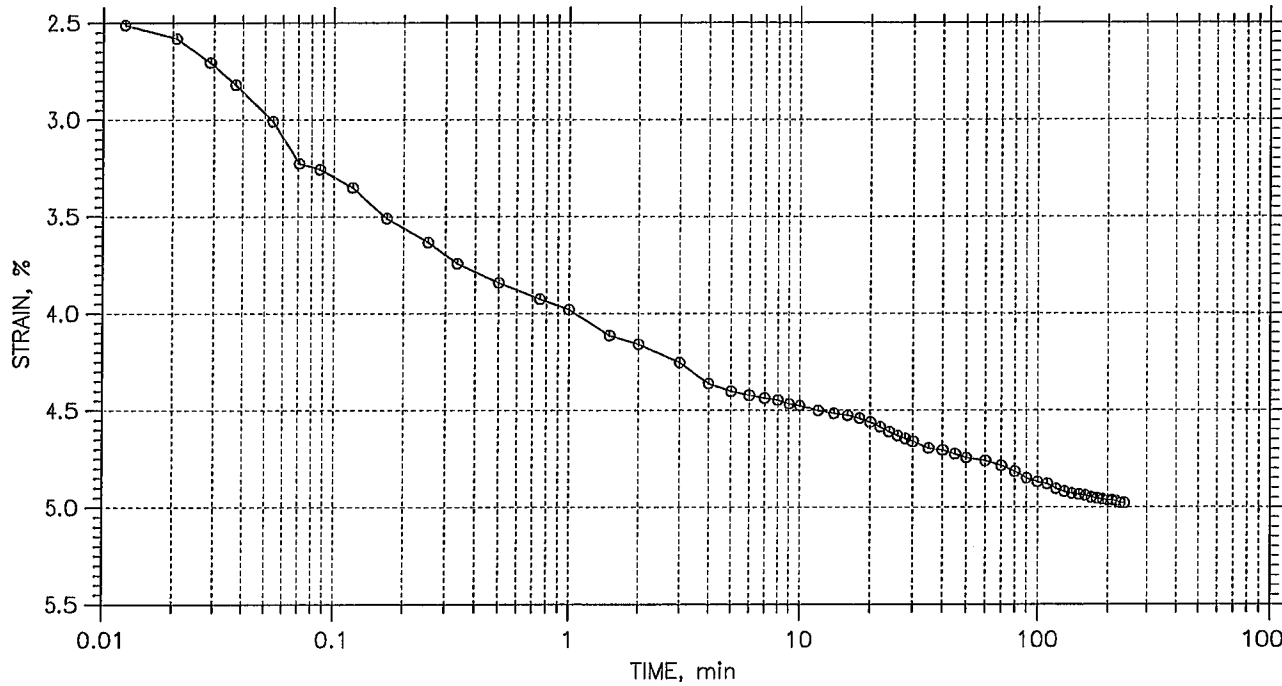
Thu, 19-APR-2007 16:44:06

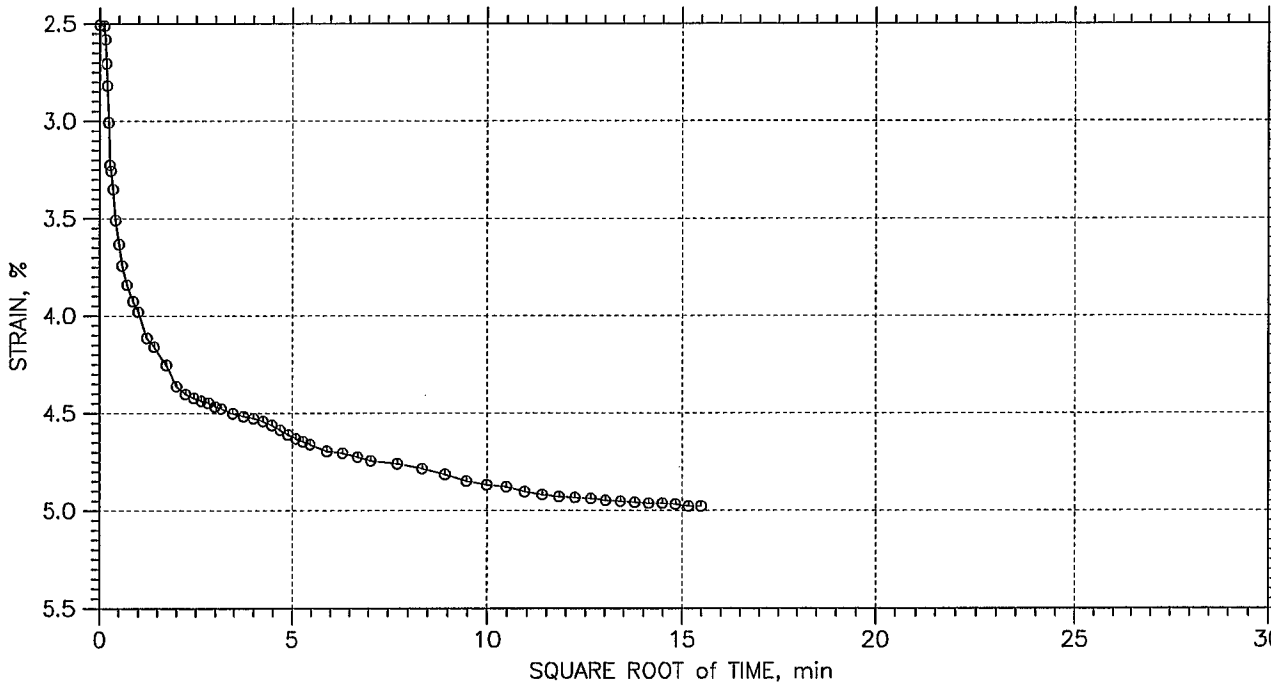
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

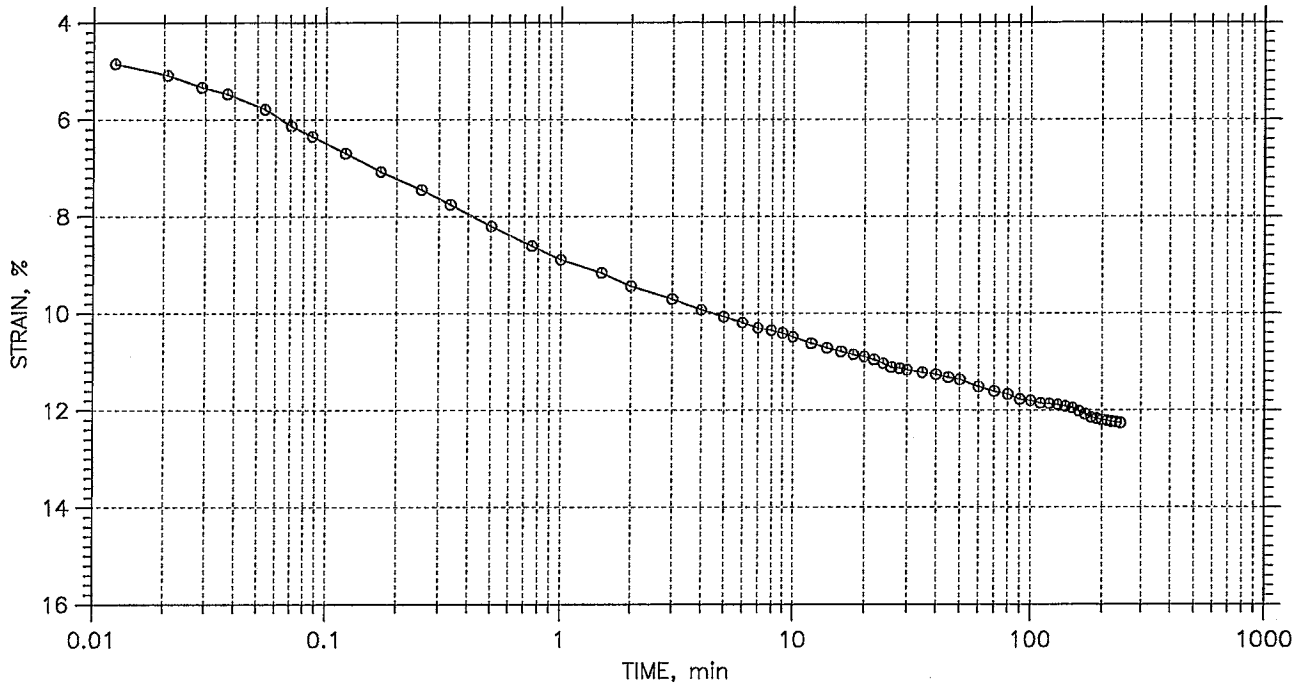
Thu, 19-APR-2007 16:44:07

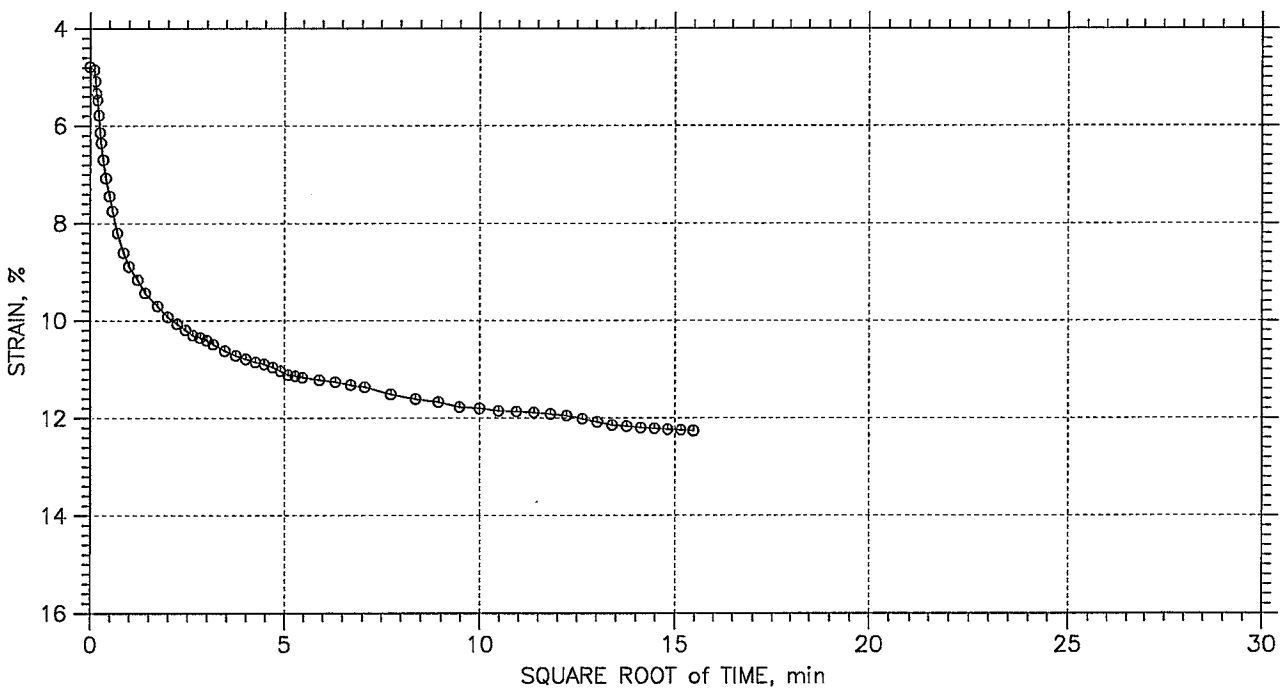
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

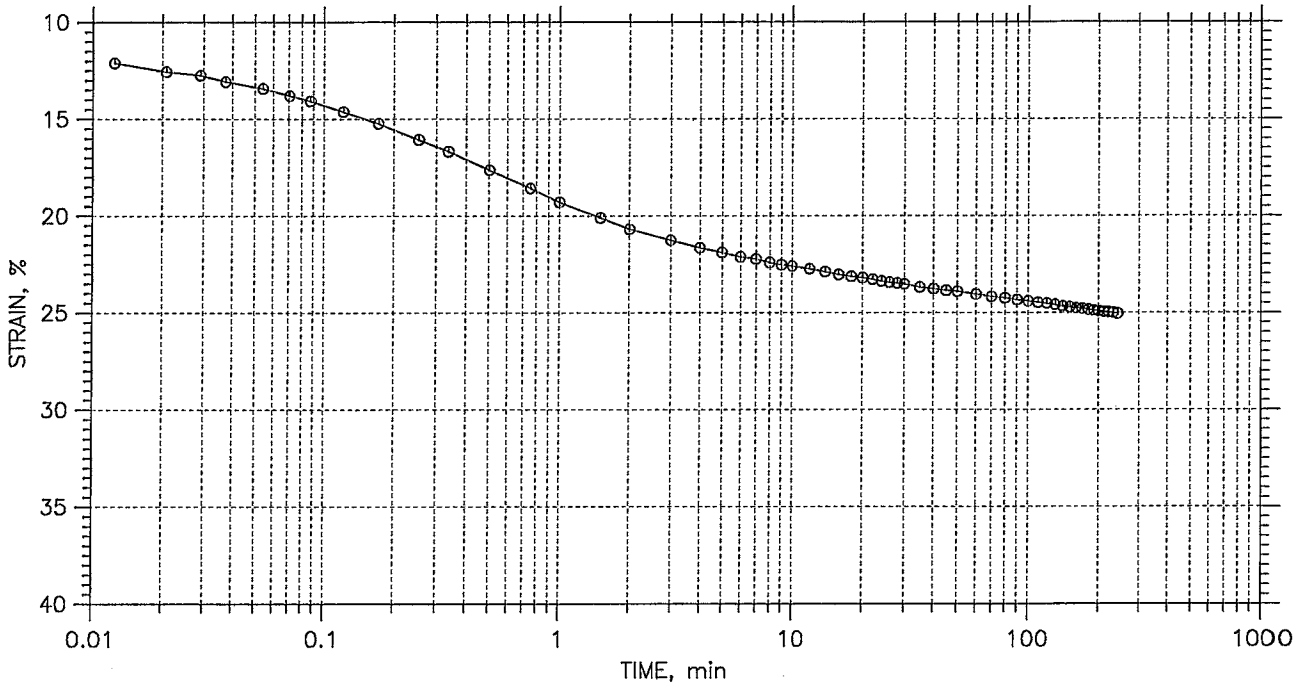
Thu, 19-APR-2007 16:44:08

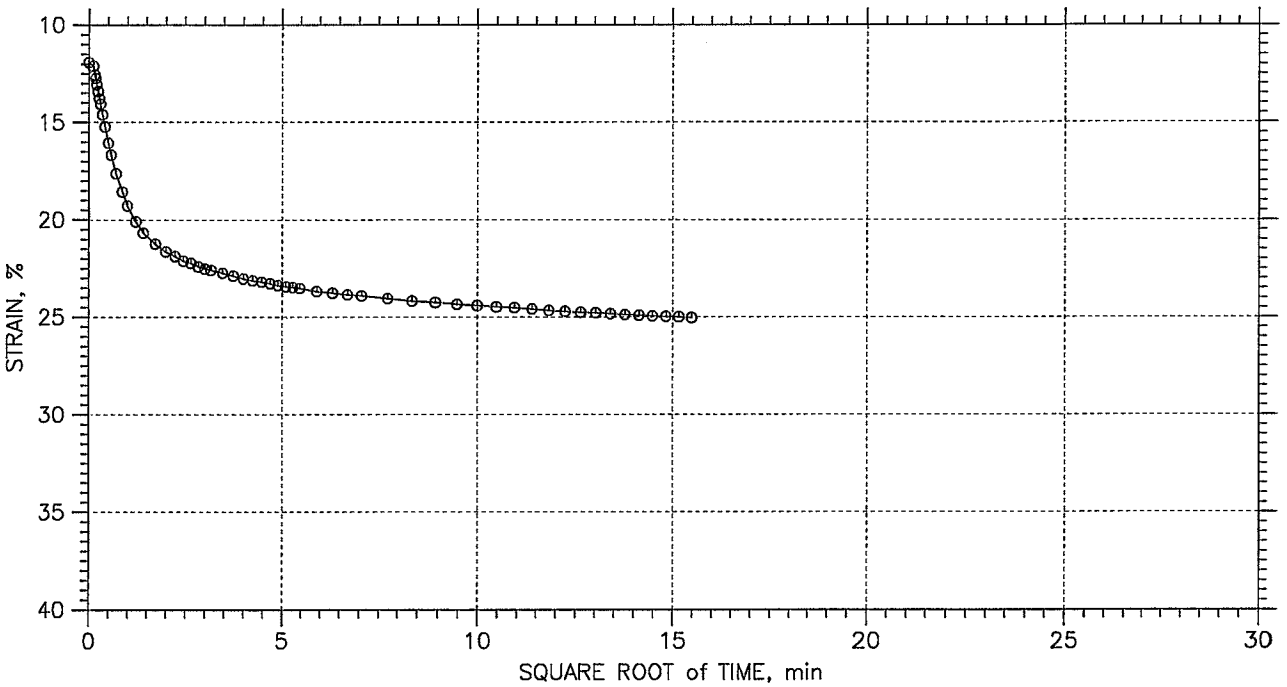
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

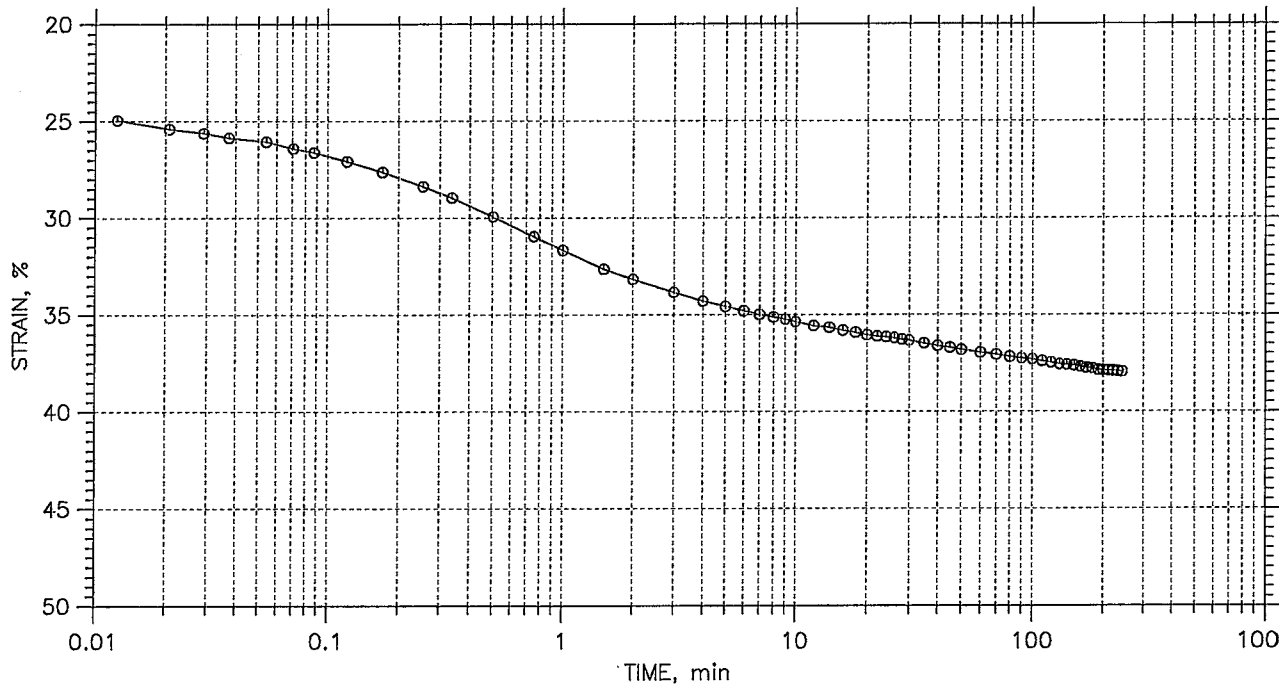
Thu, 19-APR-2007 16:44:10

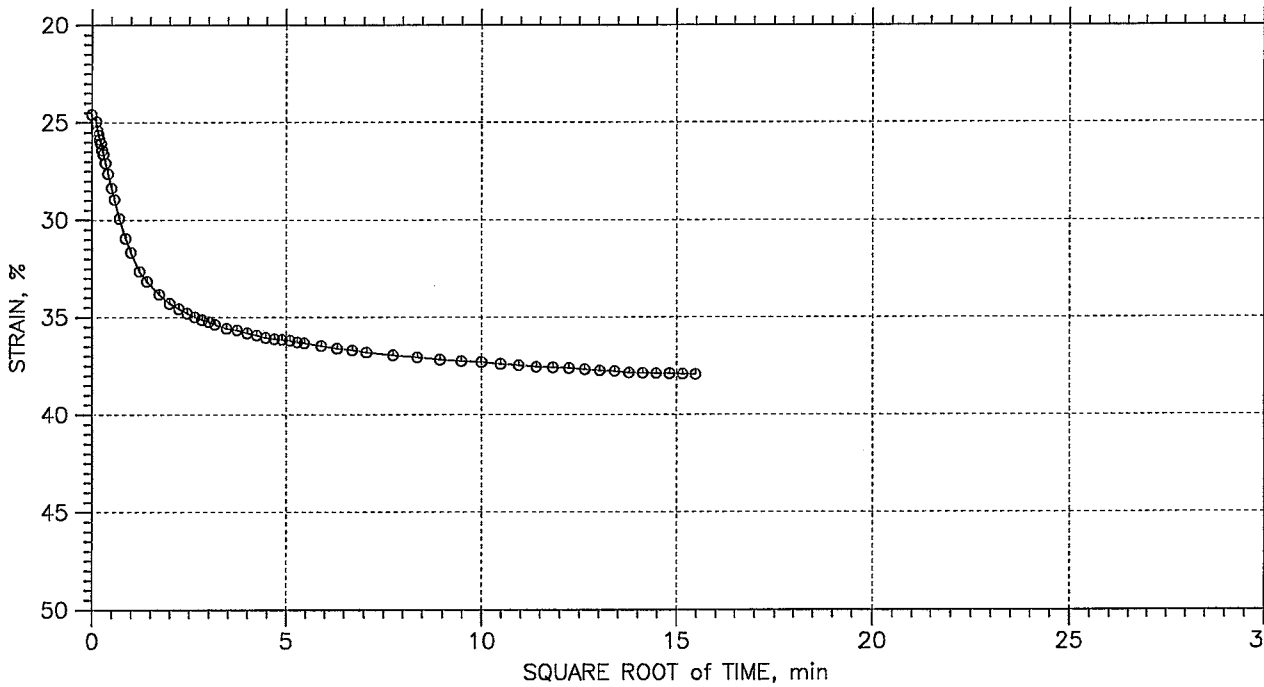
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

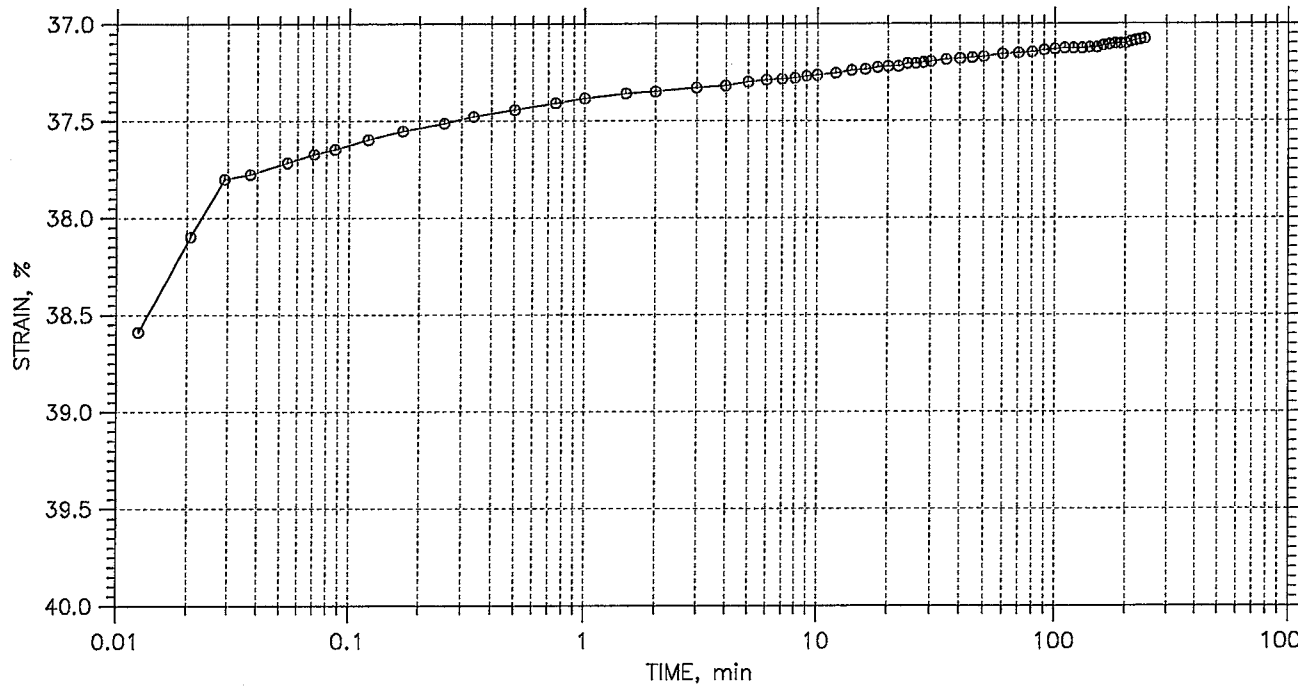
Thu, 19-APR-2007 16:44:11

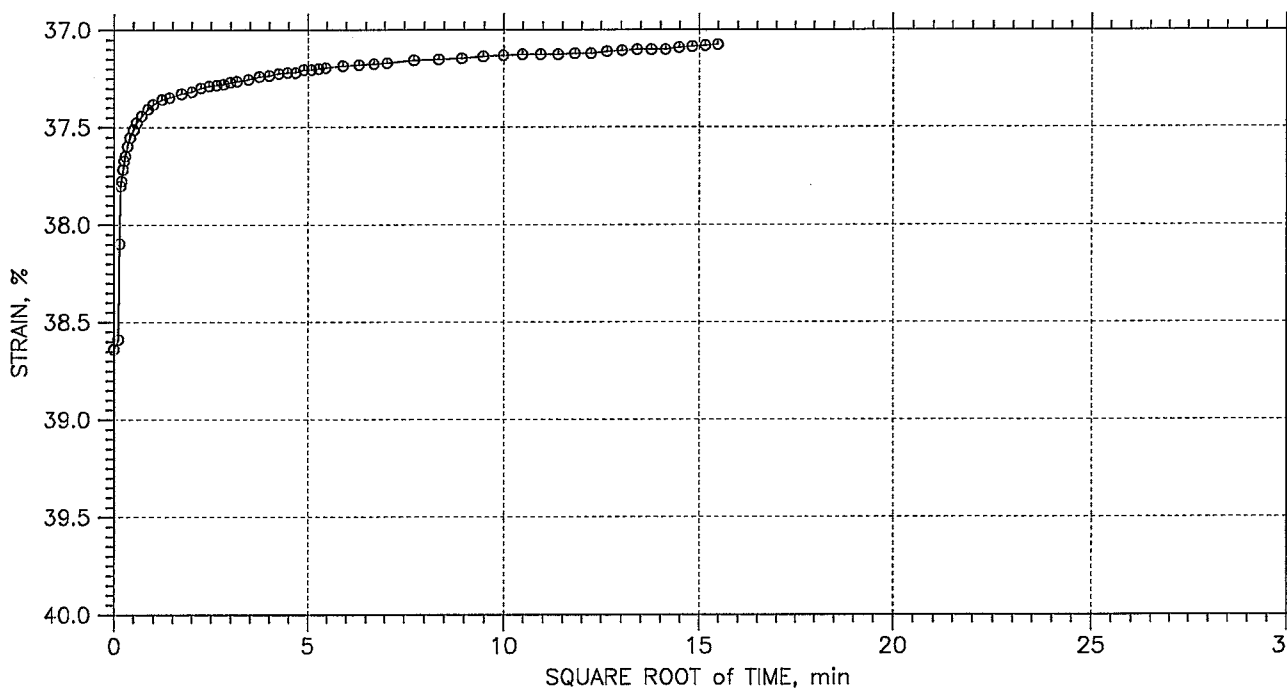
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





Geotesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

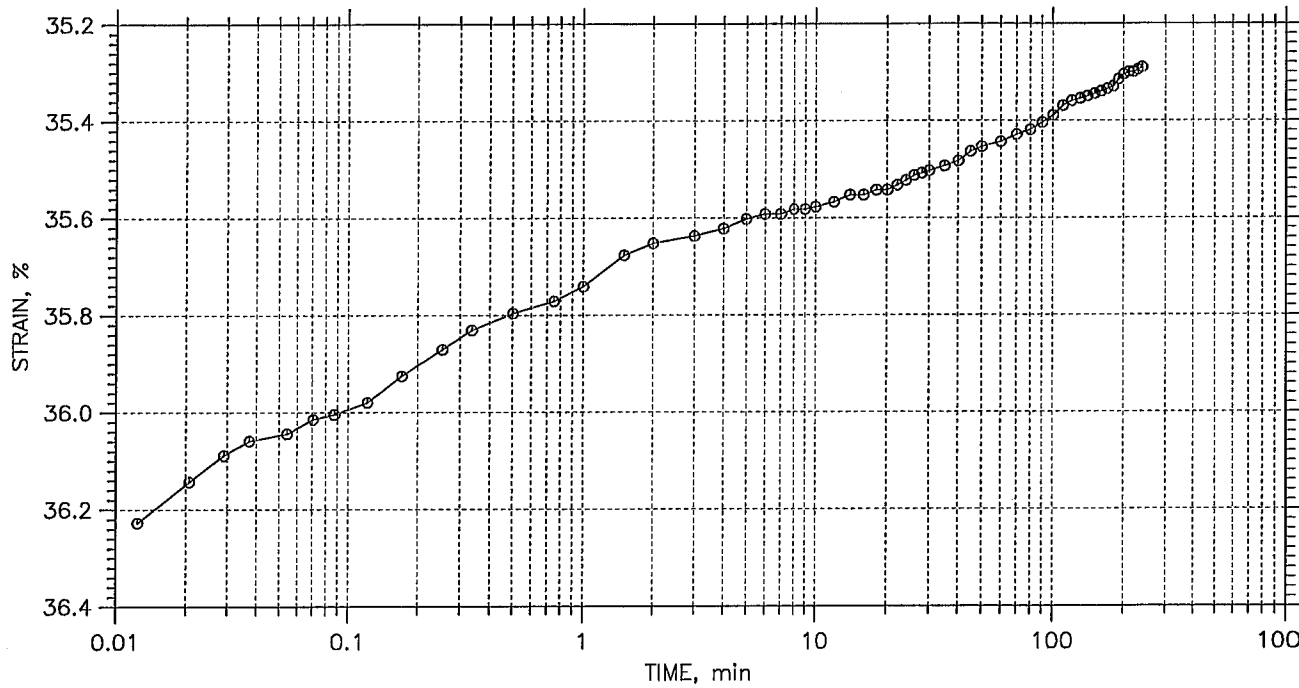
Thu, 19-APR-2007 16:44:12

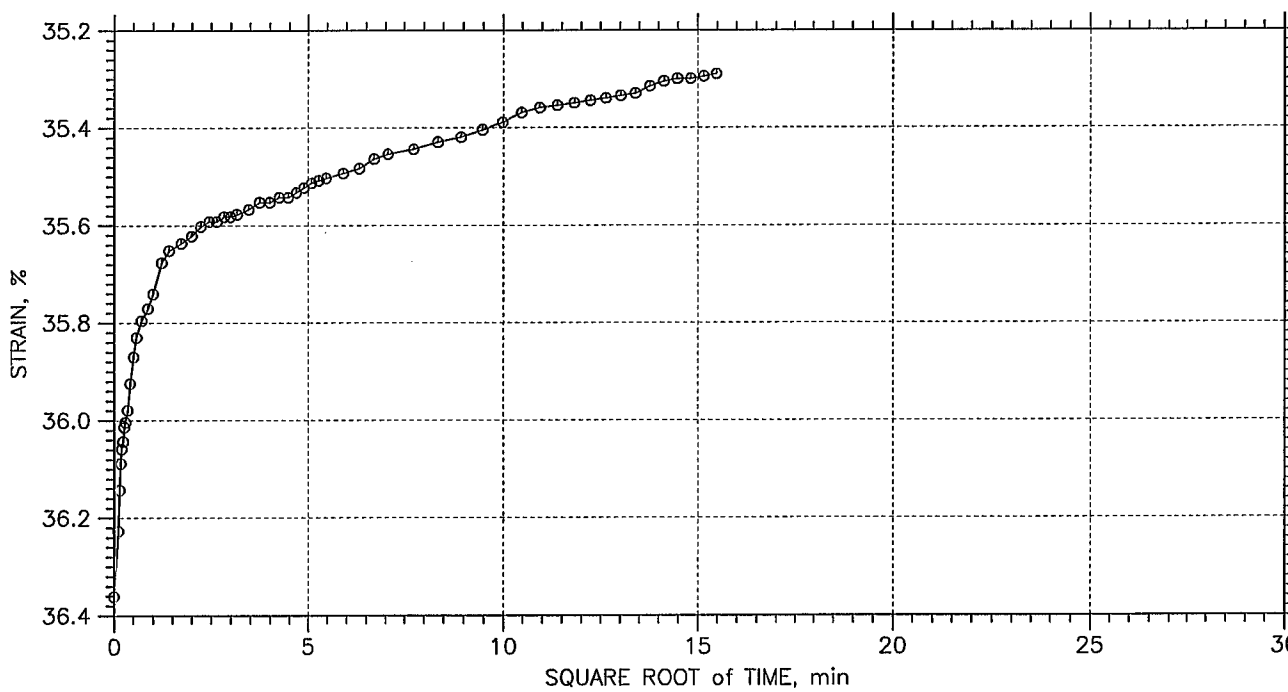
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express, a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

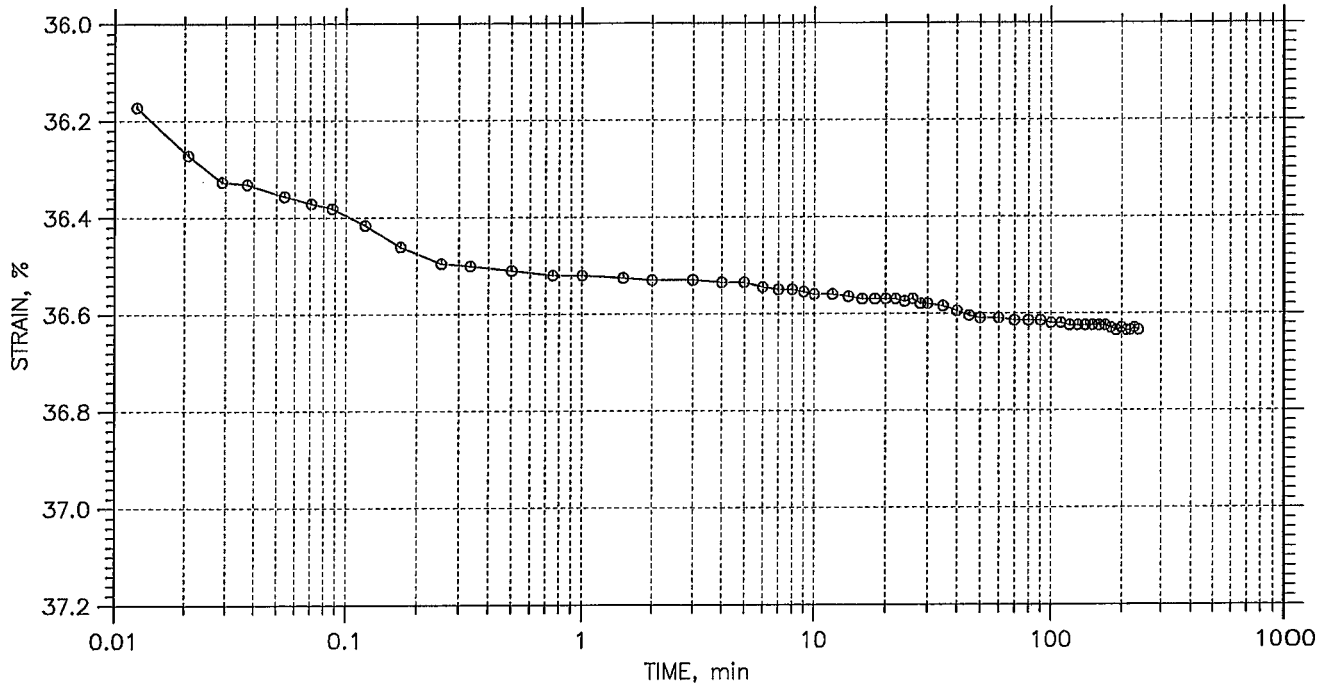
Thu, 19-APR-2007 16:44:13

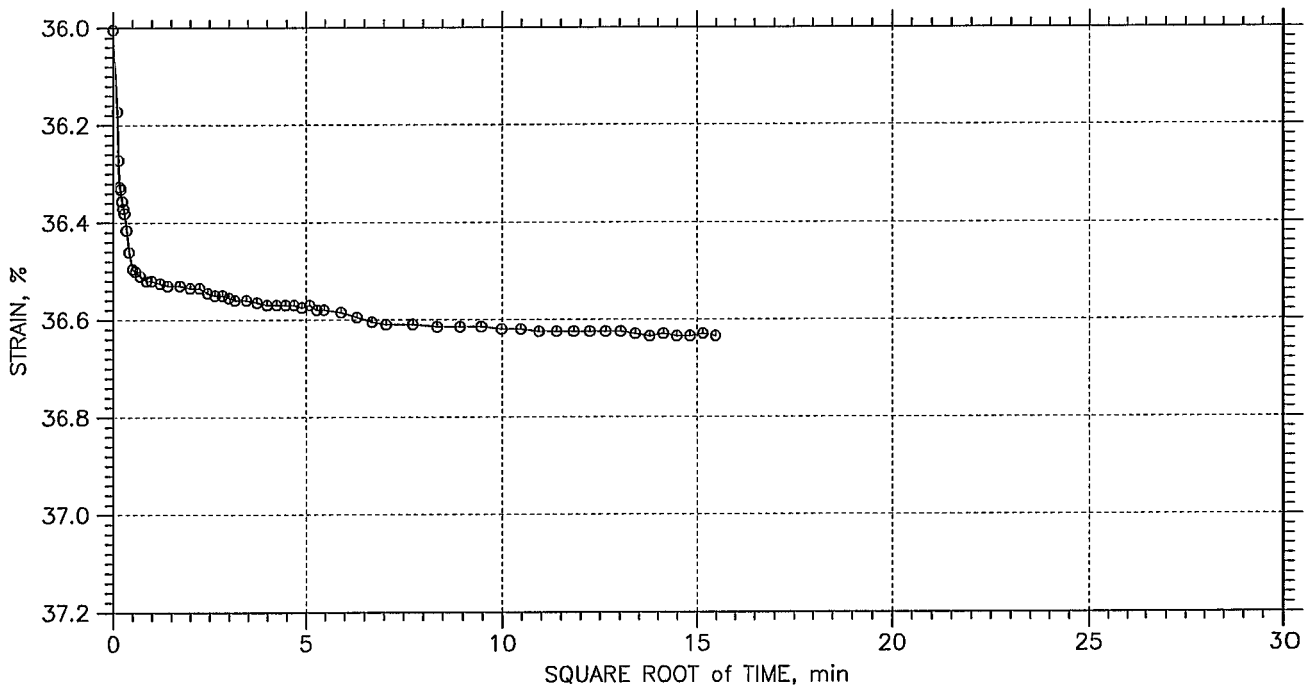
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

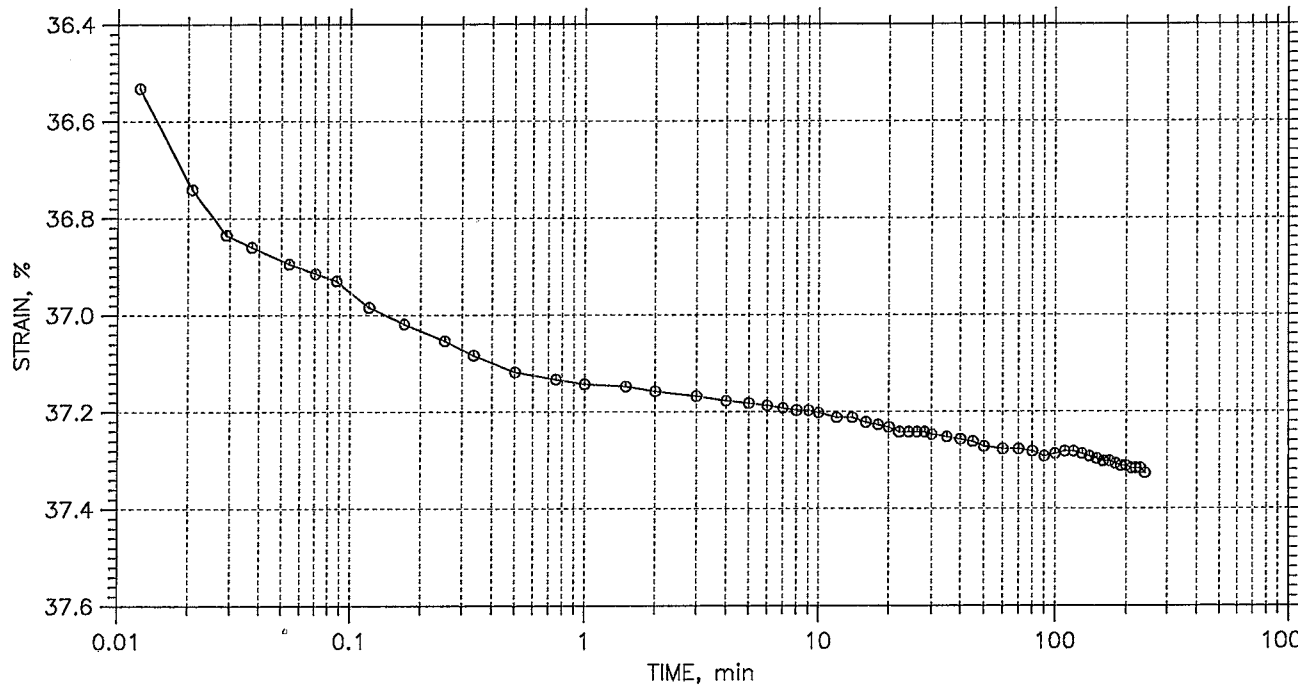
Thu, 19-APR-2007 16:44:14

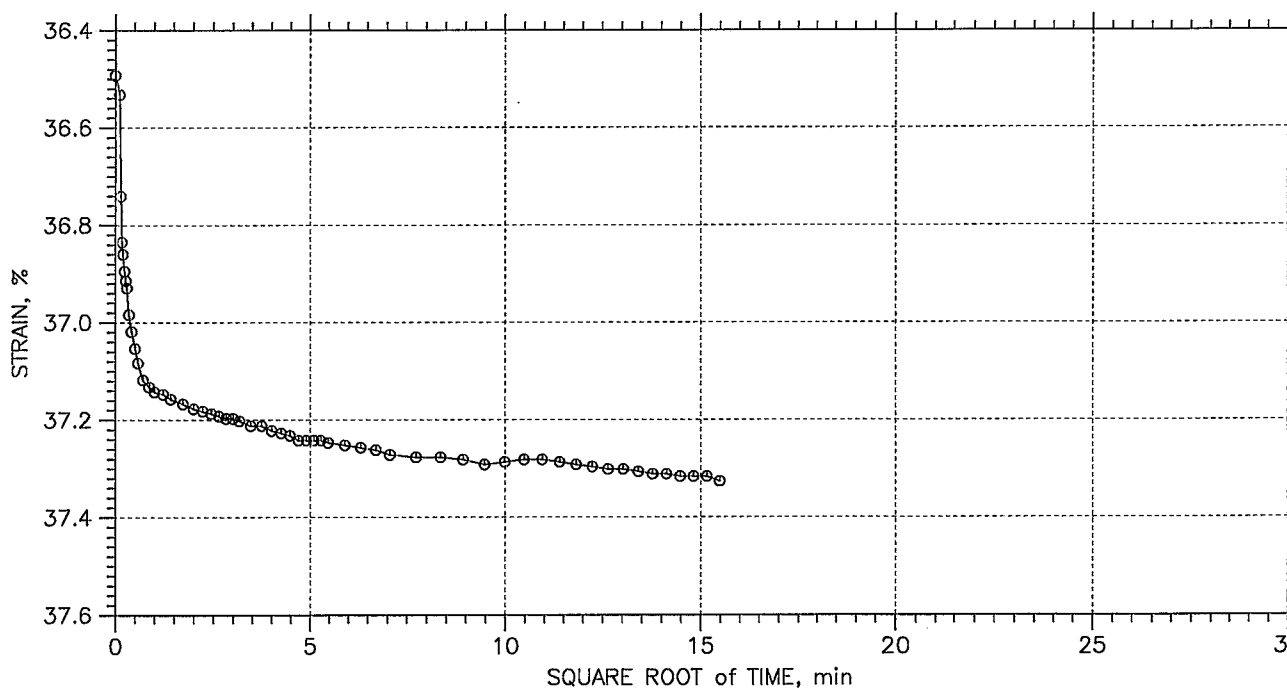
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

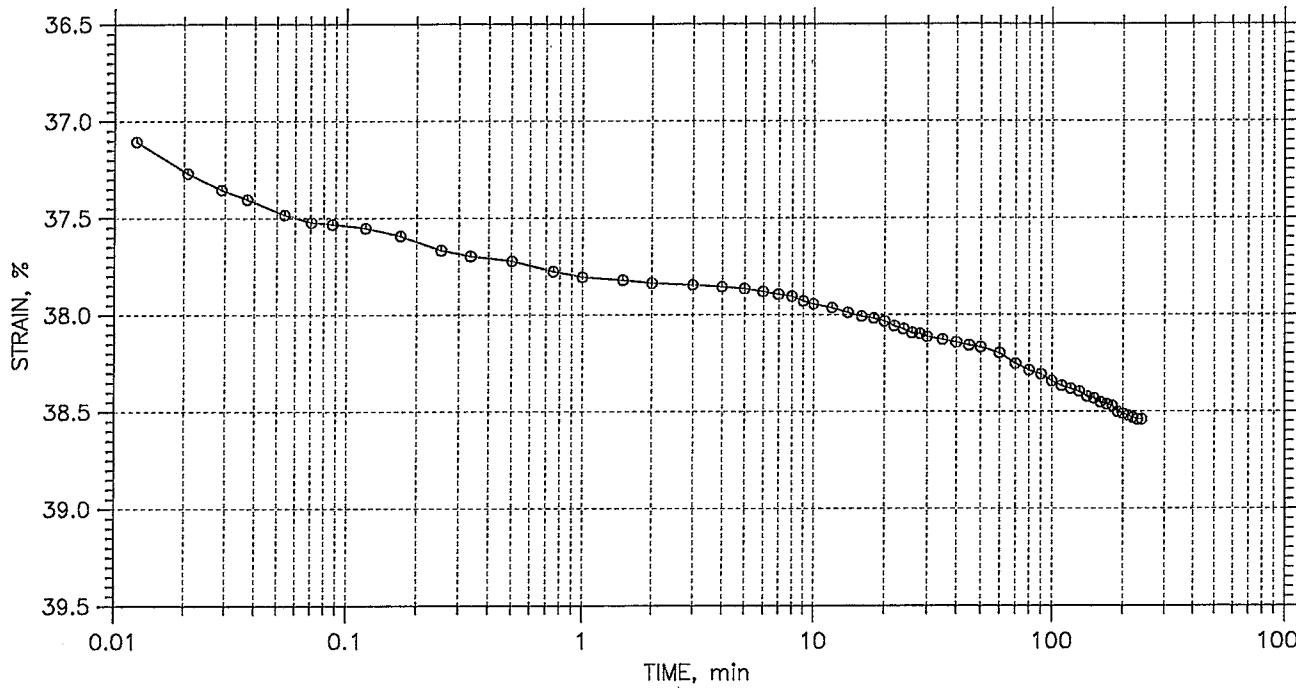
Thu, 19-APR-2007 16:44:15

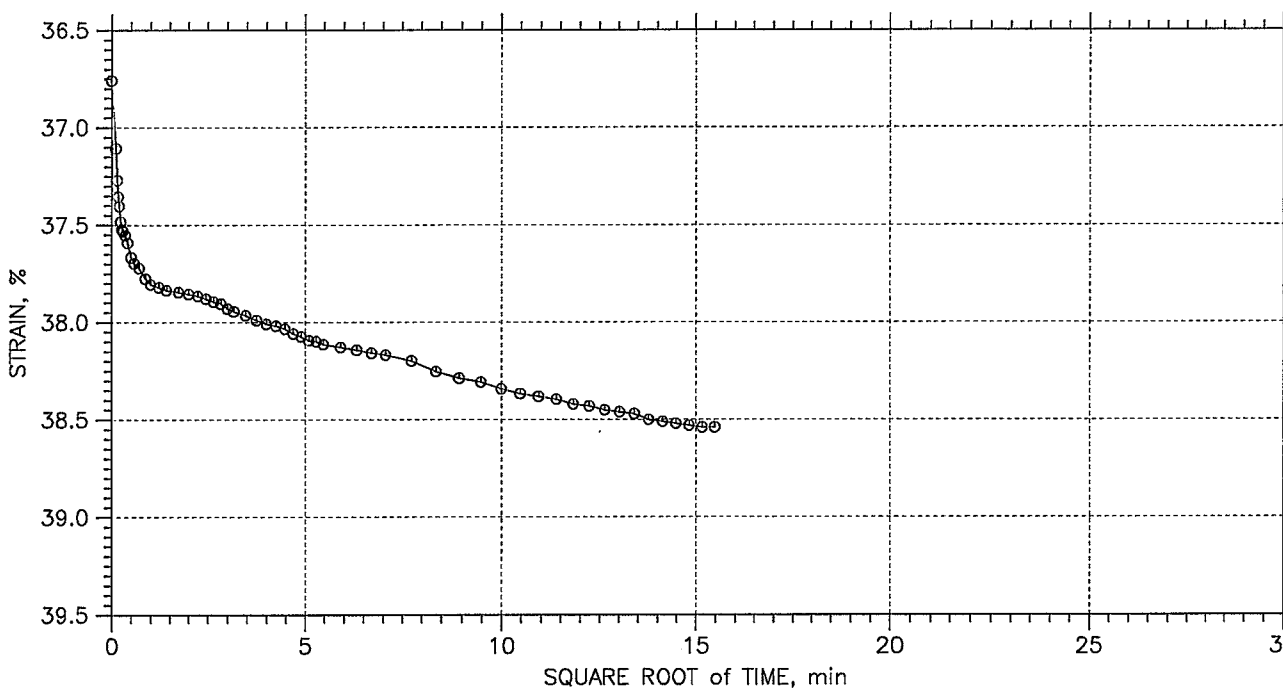
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



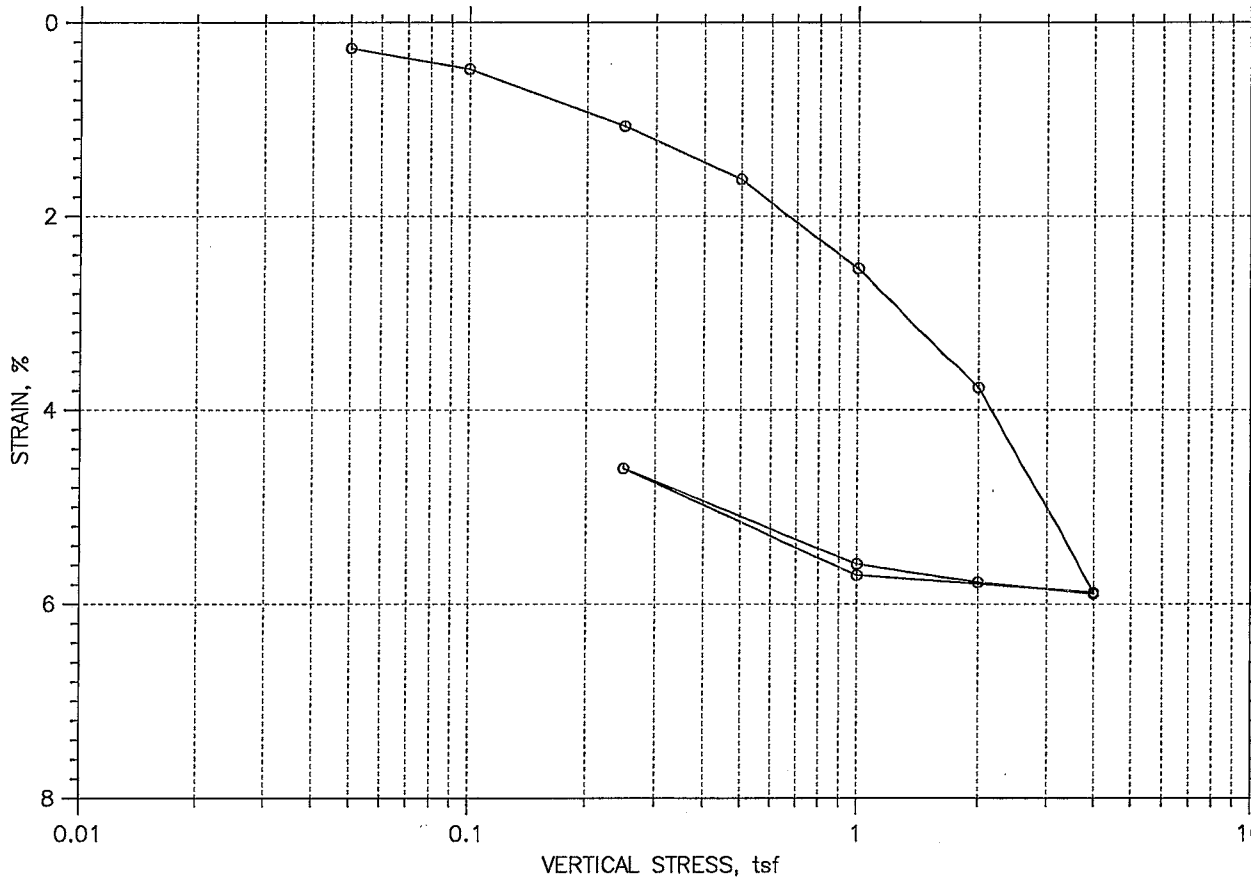


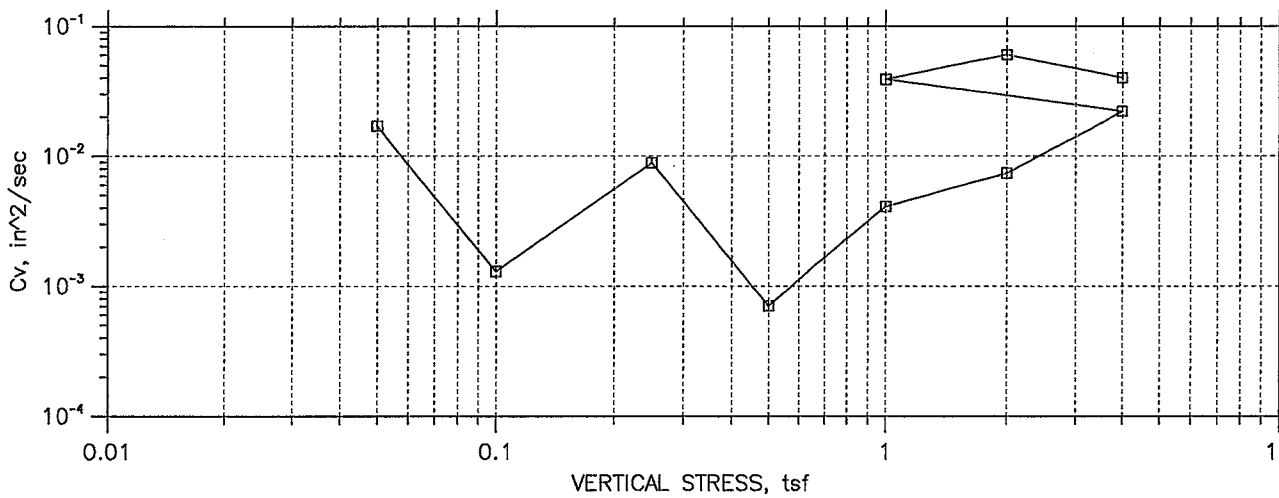
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: PZ-13-04	Tested By: md	Checked By: jdt
	Sample No.: 0295-19	Test Date: 04/12/07	Depth: 33-35 ft
	Test No.: C-21	Sample Type: tube	Elevation: ---
	Description: Moist. gray silt		
	Remarks: System Q		

Thu, 19-APR-2007 16:44:16

CONSOLIDATION TEST DATA

SUMMARY REPORT



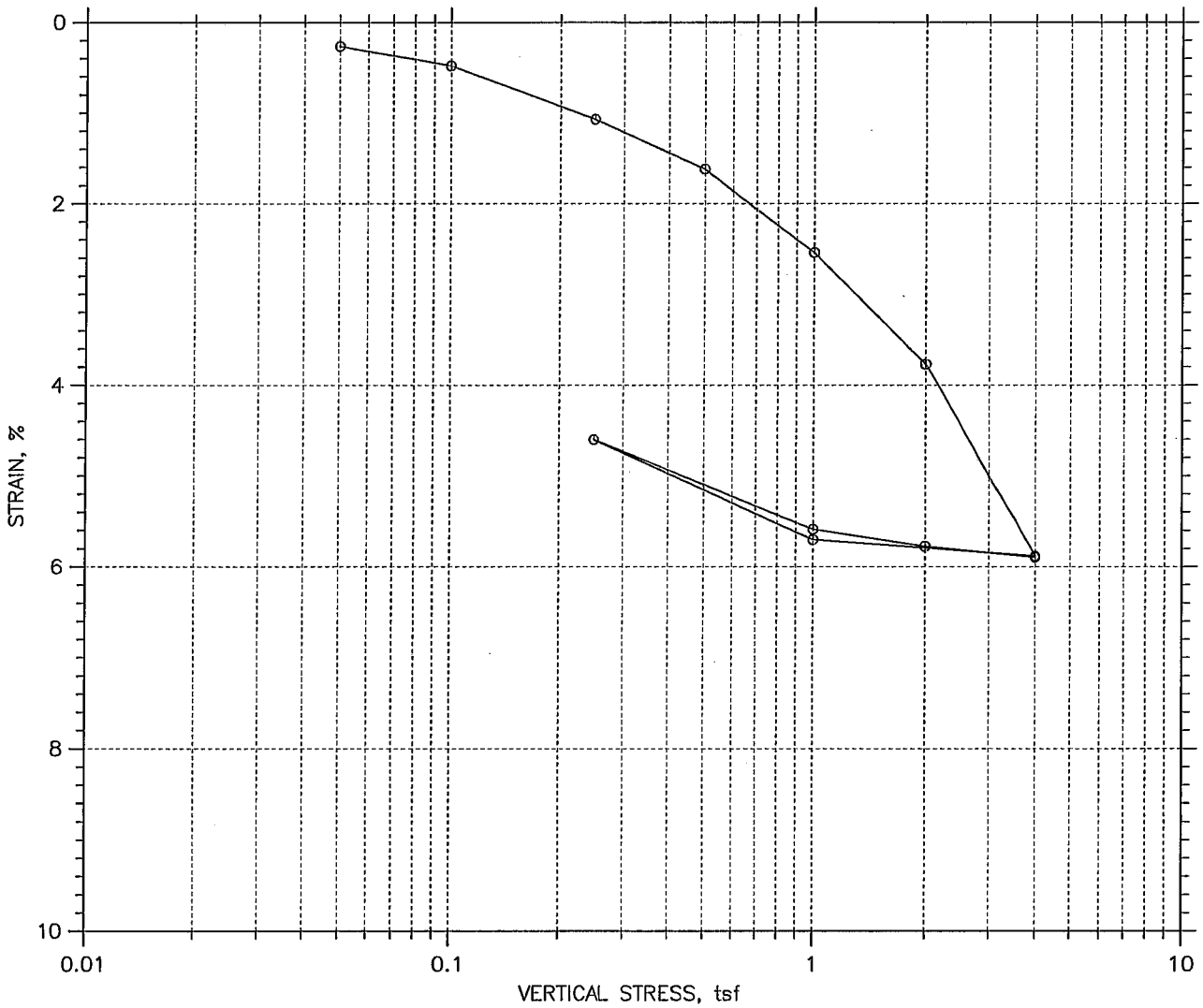


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

Thu, 19-APR-2007 15:39:21

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	110.99	110.09
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	38.75	41.17
Compression Index: ---				Saturation, %	91.17	98.07
Diameter: 2.5 in		Height: 1 in		Void Ratio	3.09	2.85
LL: 132	PL: 100	PI: 32	GS: 2.54			

GeoTesting express, a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

Thu, 19-APR-2007 15:39:22

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-01
Sample No.: 0297-02
Test No.: C-18

Location: Syracuse, NY
Tested By: md
Test Date: 04/04/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, white sandy silt with gravel
Remarks: System R

Measured Specific Gravity: 2.54
Initial Void Ratio: 3.09
Final Void Ratio: 2.85

Liquid Limit: 132
Plastic Limit: 100
Plasticity Index: 32

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	X-42	RING		mcs-14-ss2
Wt. Container + Wet Soil, gm	211.38	320.86	320.41	112.8
Wt. Container + Dry Soil, gm	96.74	265.45	265.45	58.04
Wt. Container, gm	8.03	215.52	215.52	8.3
Wt. Dry Soil, gm	88.71	49.926	49.926	49.74
Water Content, %	129.23	110.99	110.09	110.09
Void Ratio	---	3.09	2.85	---
Degree of Saturation, %	---	91.17	98.07	---
Dry Unit Weight, pcf	---	38.746	41.173	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-01
Sample No.: 0297-02
Test No.: C-18

Location: Syracuse, NY
Tested By: md
Test Date: 04/04/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, white sandy silt with gravel
Remarks: System R

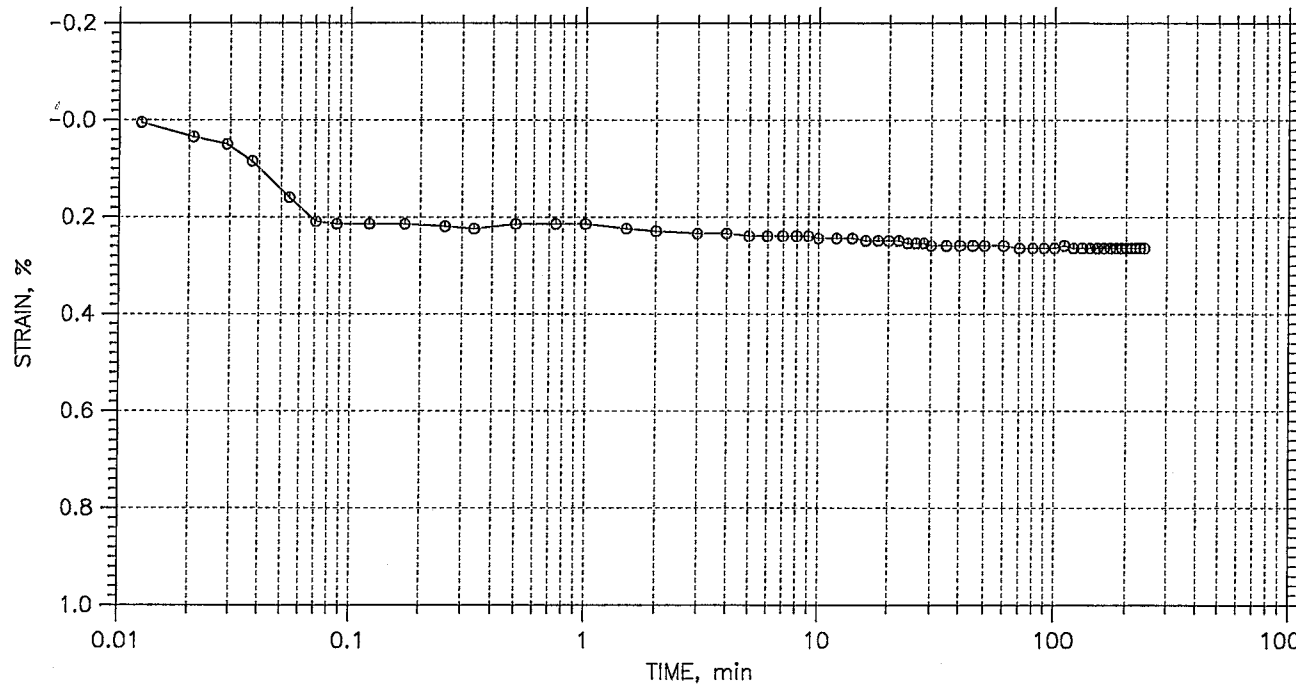
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.002636	3.082	0.26	0.0	0.0	1.71e-002	0.00e+000	1.71e-002
2	0.1	0.004778	3.073	0.48	0.6	0.0	1.30e-003	0.00e+000	1.30e-003
3	0.25	0.0107	3.049	1.07	0.1	0.1	6.19e-003	1.59e-002	8.91e-003
4	0.5	0.01618	3.026	1.62	1.1	0.0	7.04e-004	0.00e+000	7.04e-004
5	1	0.02539	2.989	2.54	0.2	0.0	4.09e-003	0.00e+000	4.09e-003
6	2	0.03768	2.938	3.77	0.2	0.0	4.32e-003	2.58e-002	7.40e-003
7	4	0.05878	2.852	5.88	0.0	0.0	2.00e-002	2.49e-002	2.22e-002
8	1	0.05699	2.859	5.70	0.0	0.0	4.05e-002	0.00e+000	4.05e-002
9	0.25	0.04599	2.904	4.60	0.3	0.0	2.84e-003	0.00e+000	2.84e-003
10	1	0.05585	2.864	5.58	0.0	0.0	3.91e-002	0.00e+000	3.91e-002
11	2	0.05774	2.856	5.77	0.0	0.0	6.04e-002	0.00e+000	6.04e-002
12	4	0.05893	2.851	5.89	0.0	0.0	4.03e-002	0.00e+000	4.03e-002

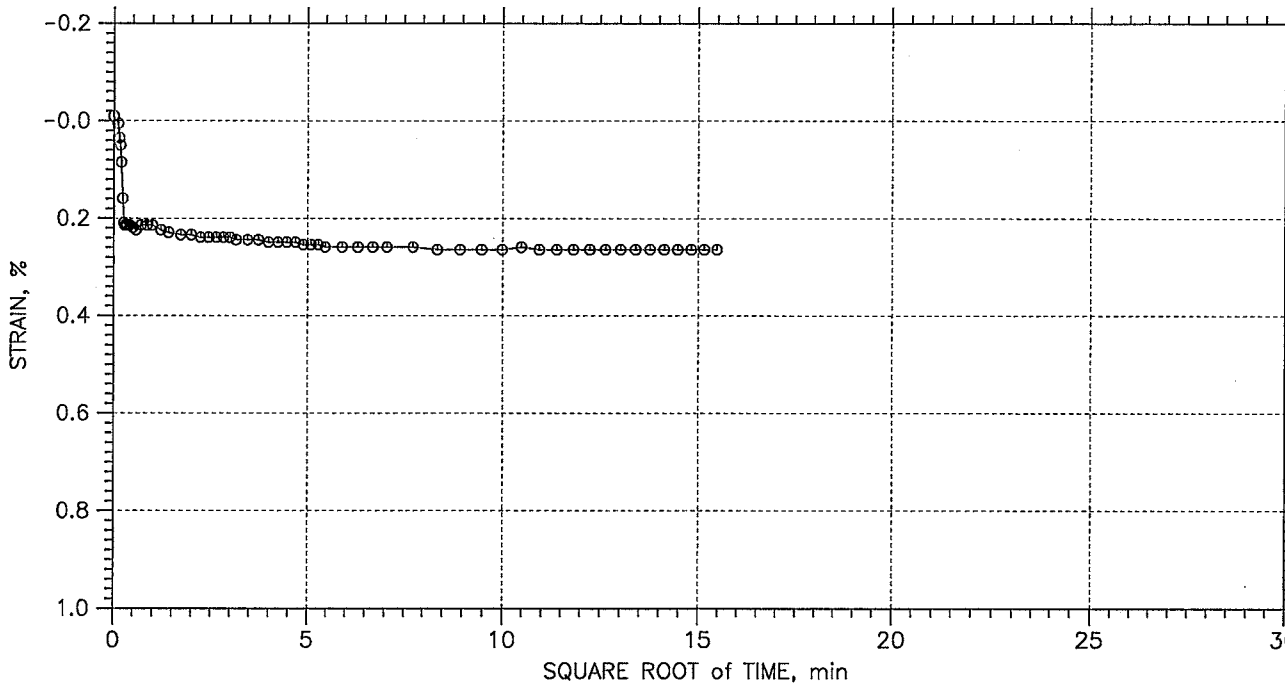
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

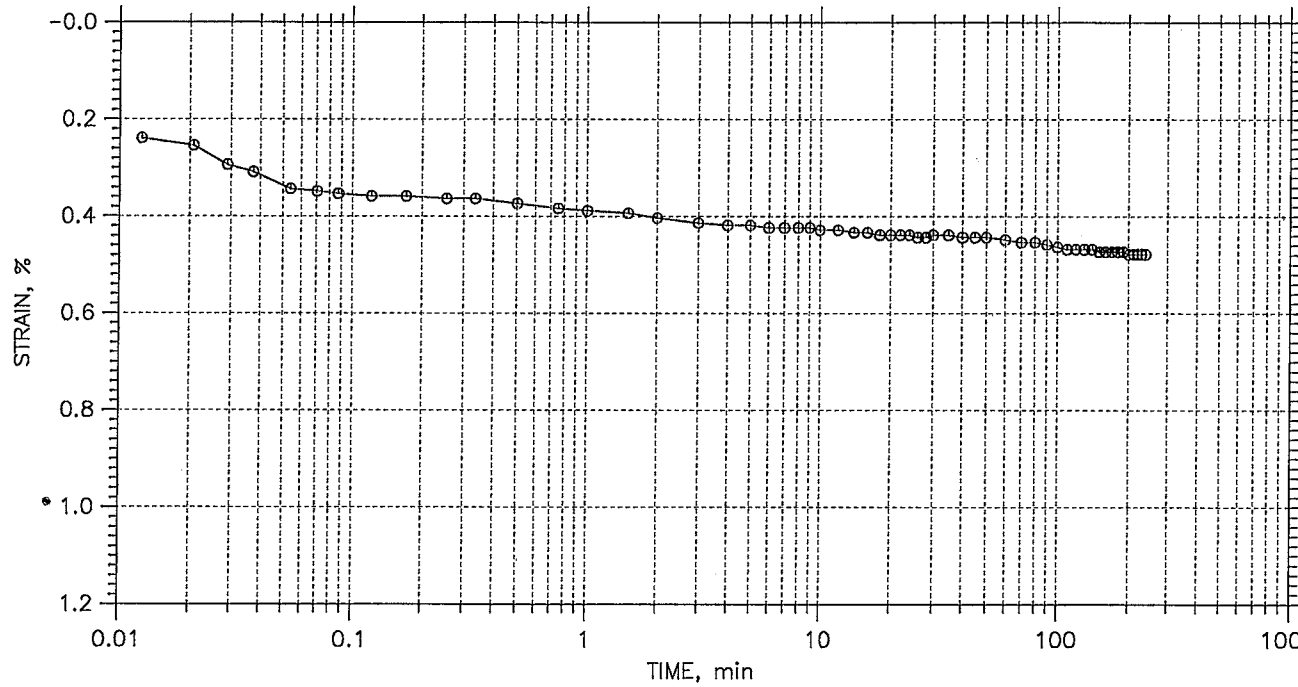
Thu, 19-APR-2007 15:40:07

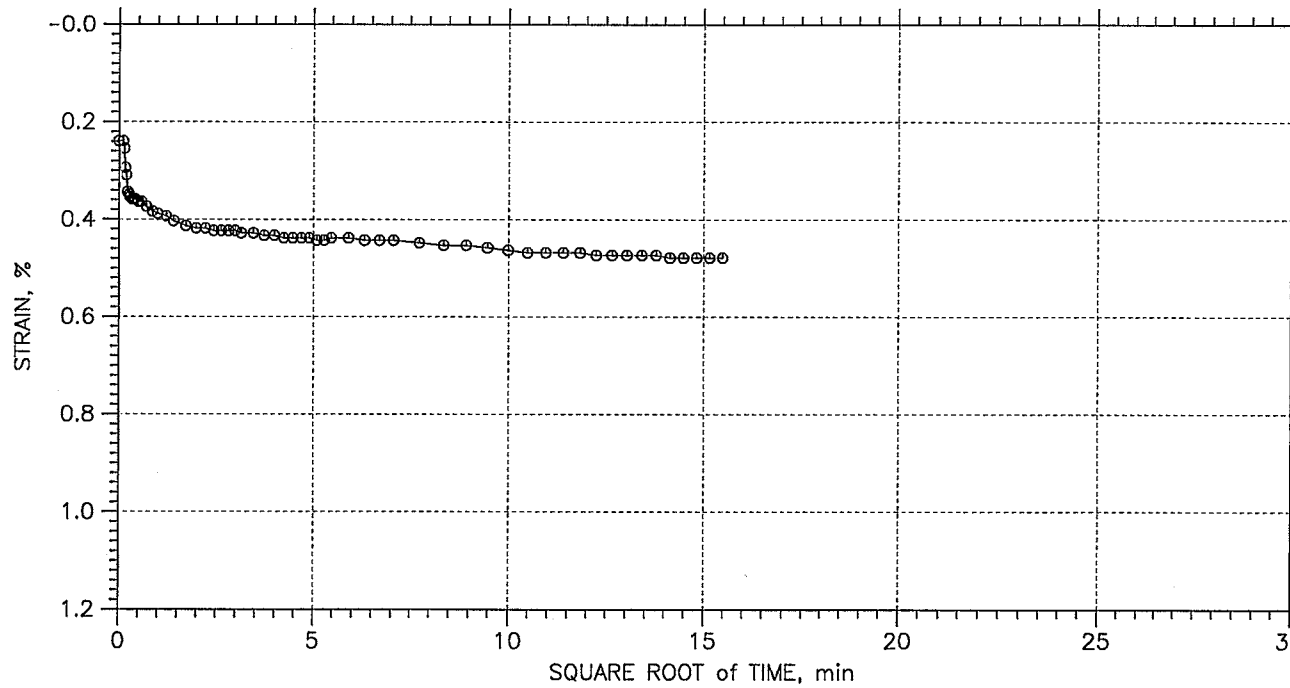
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

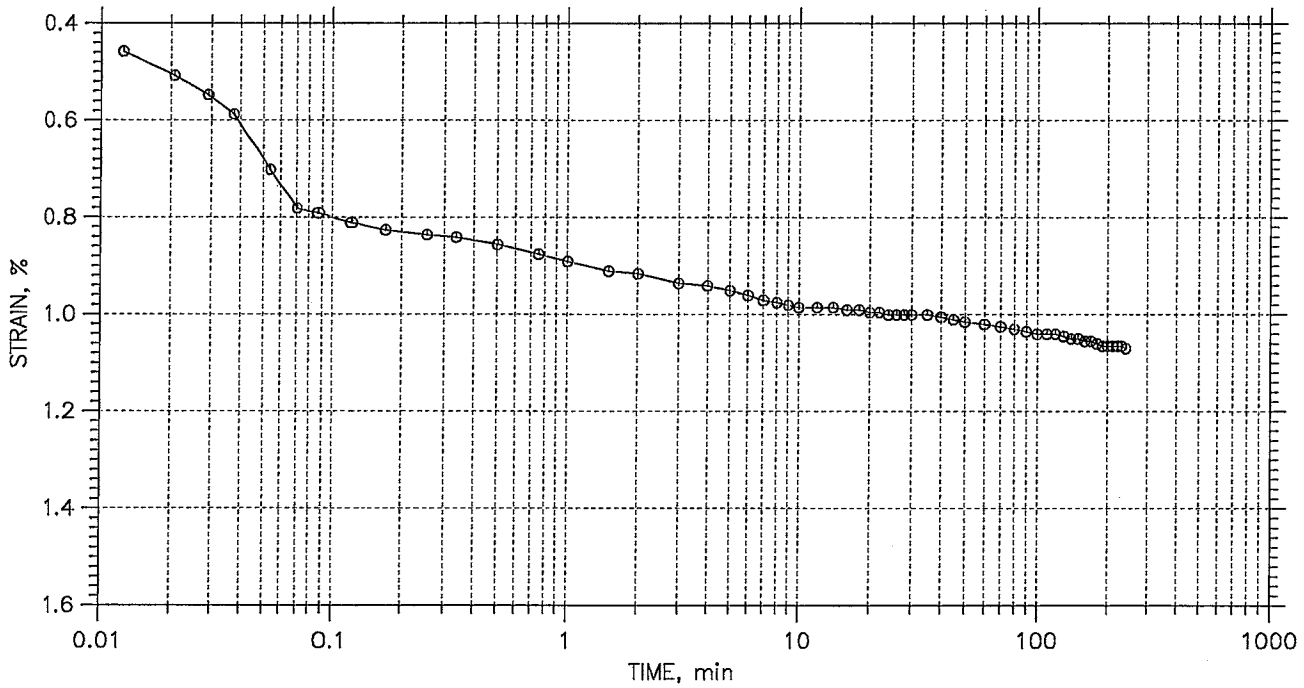
Thu, 19-APR-2007 15:40:33

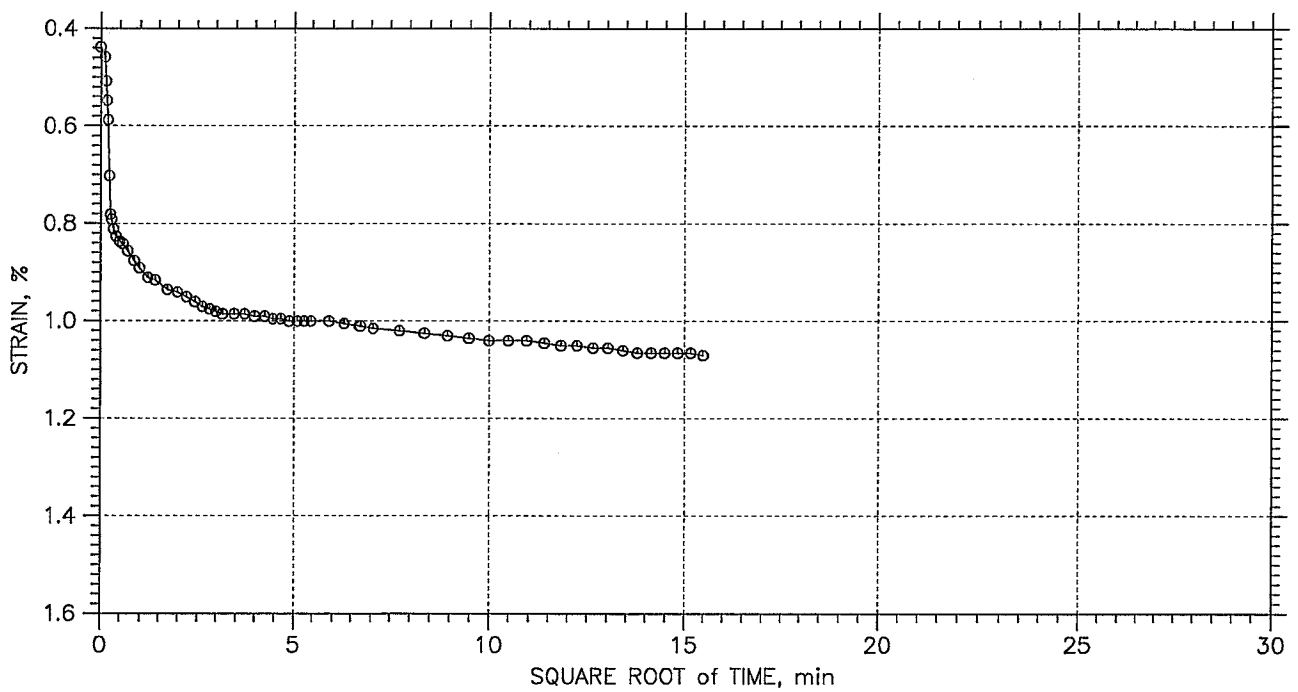
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

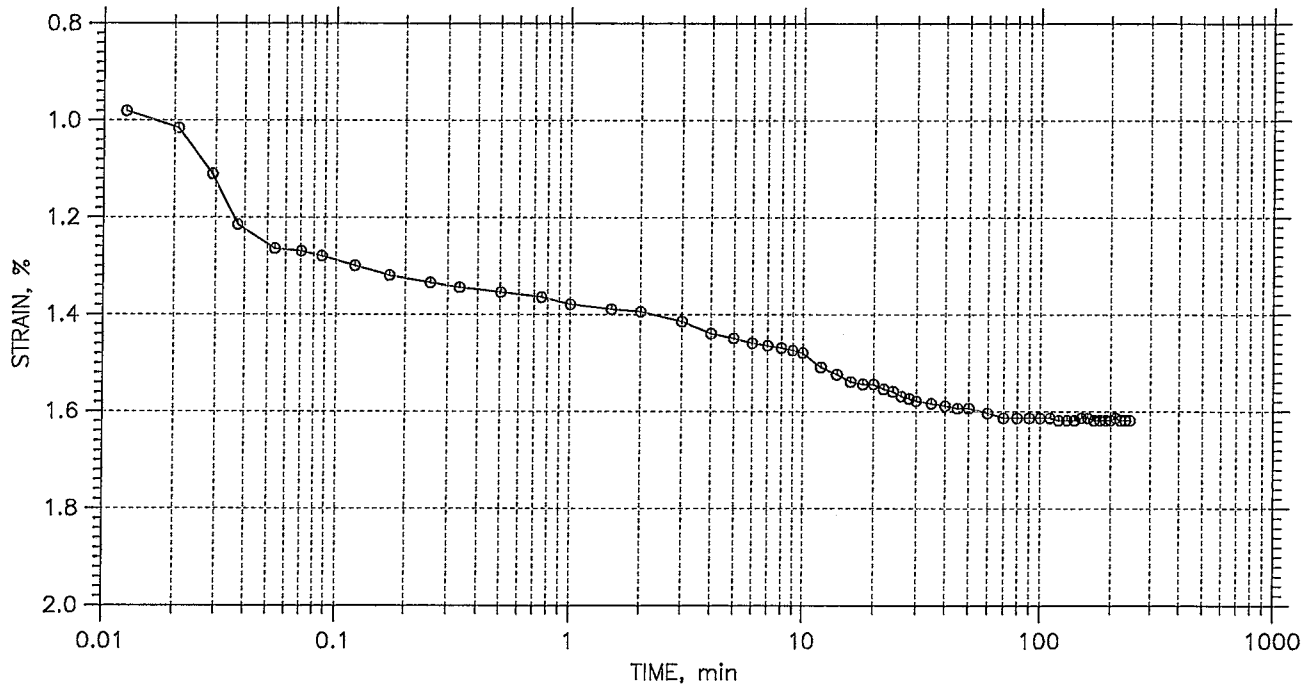
Thu, 19-APR-2007 15:39:25

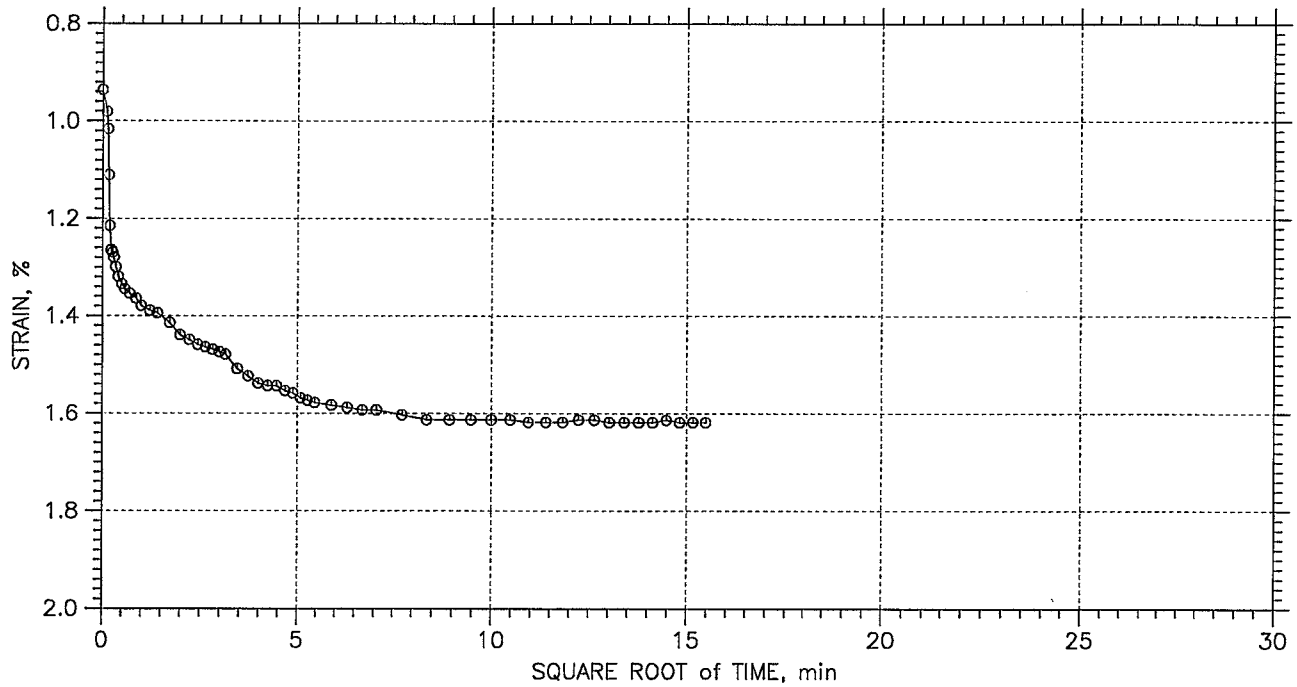
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

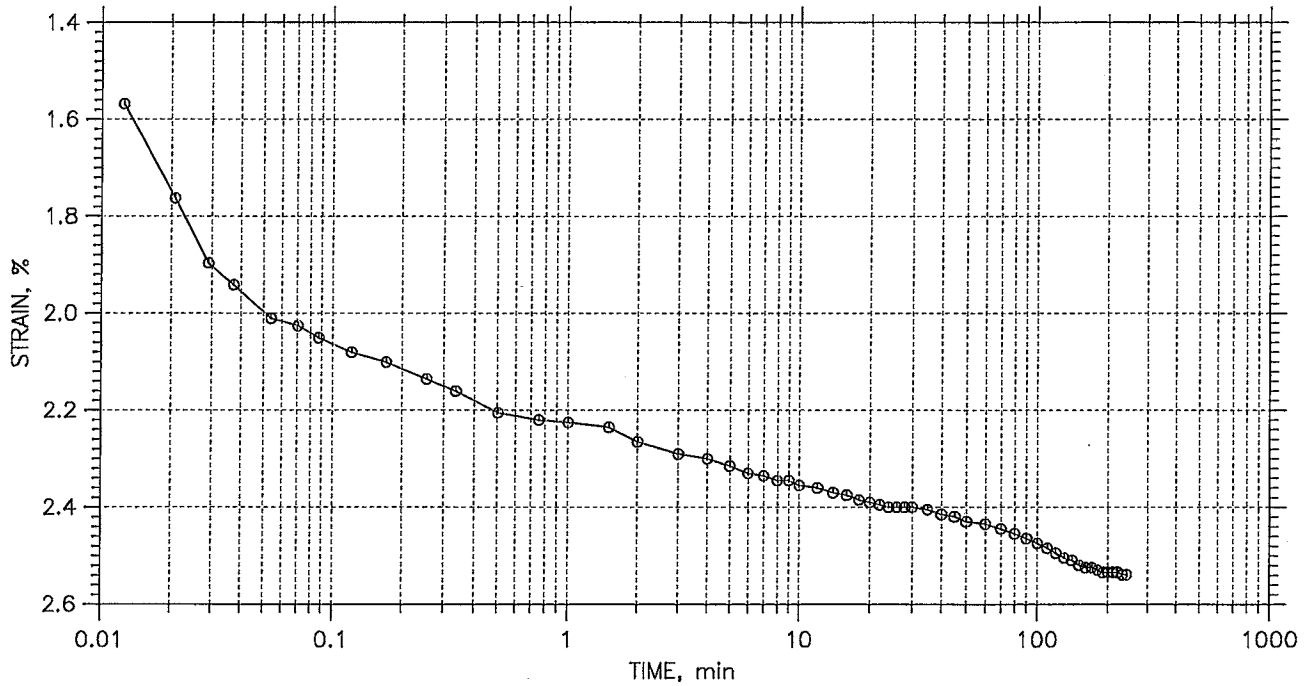
Thu, 19-APR-2007 15:39:26

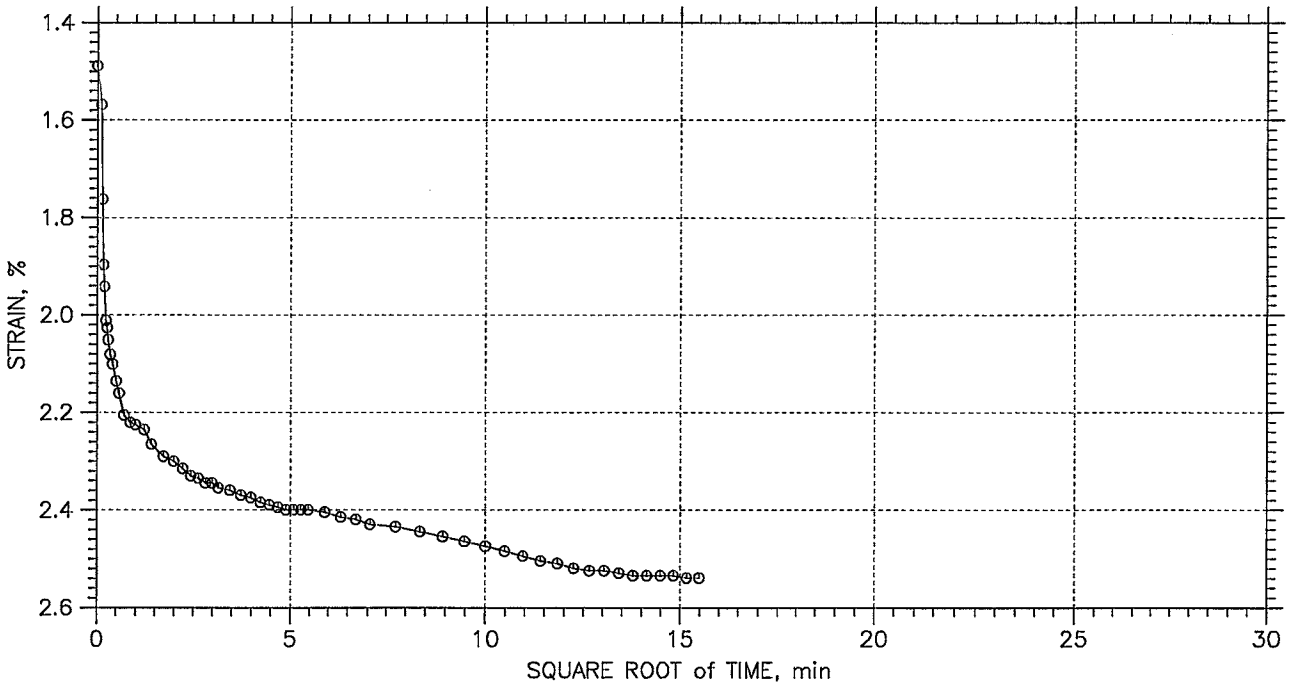
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

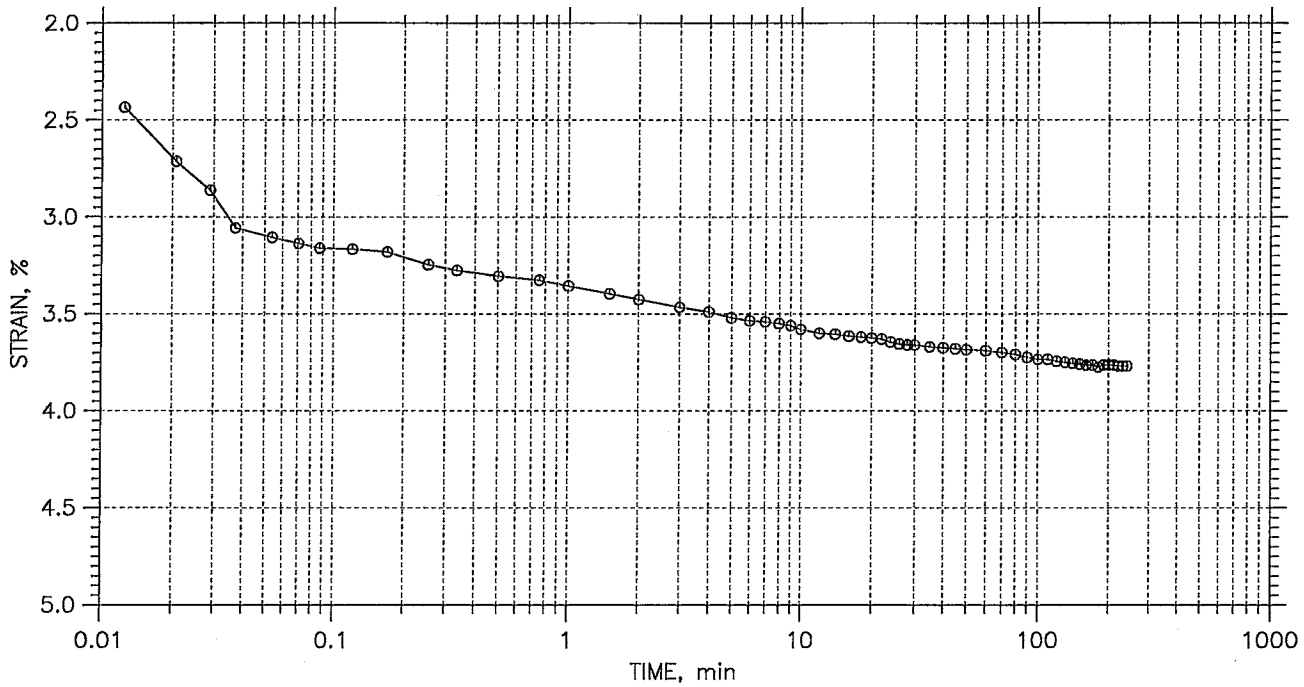
Thu, 19-APR-2007 15:39:27

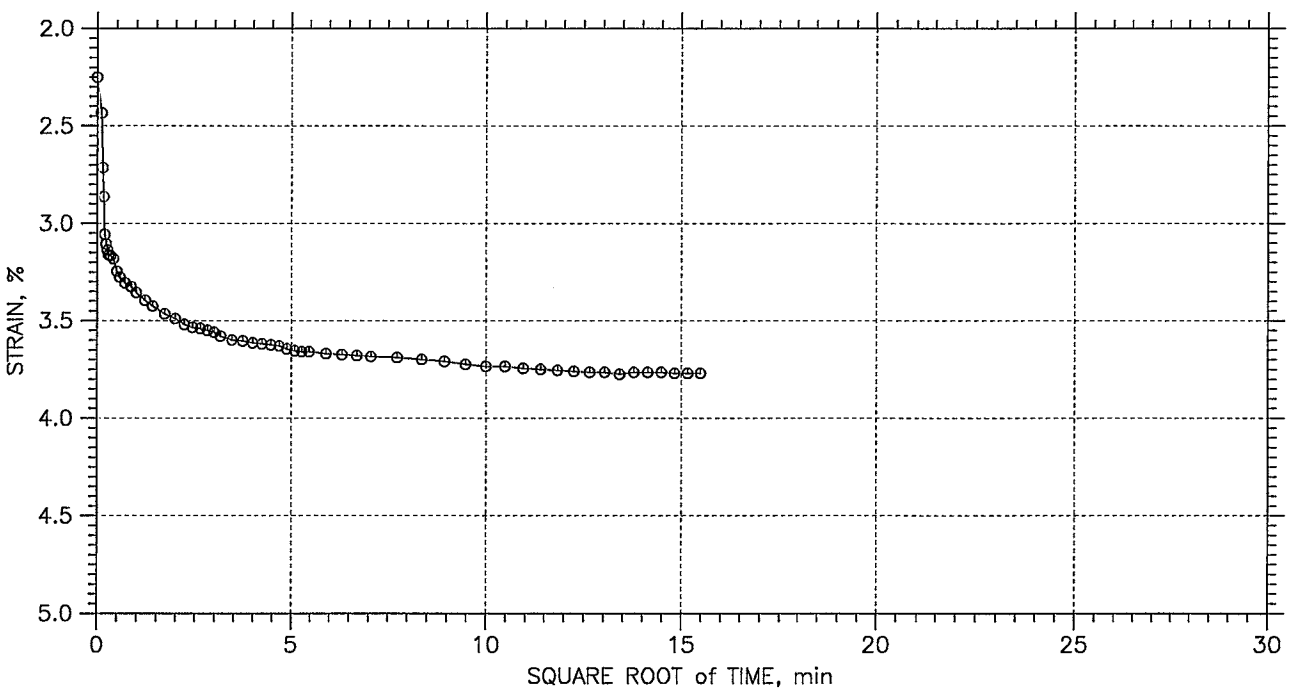
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

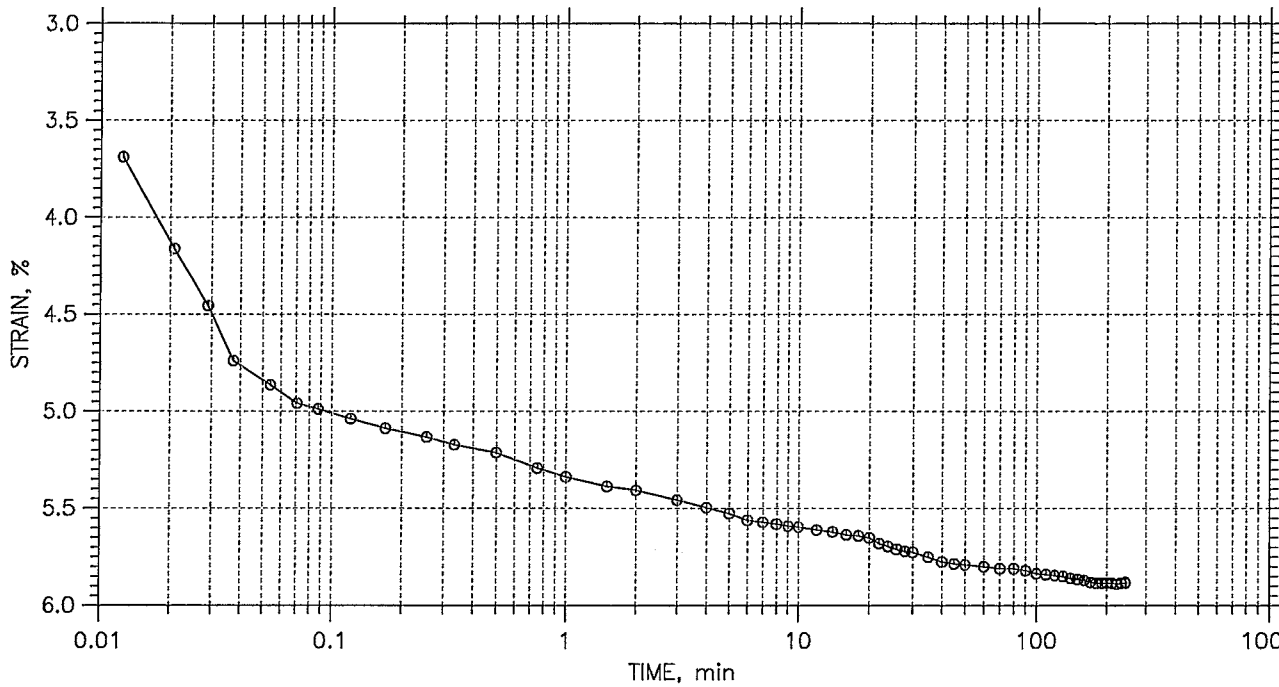
Thu, 19-APR-2007 15:39:28

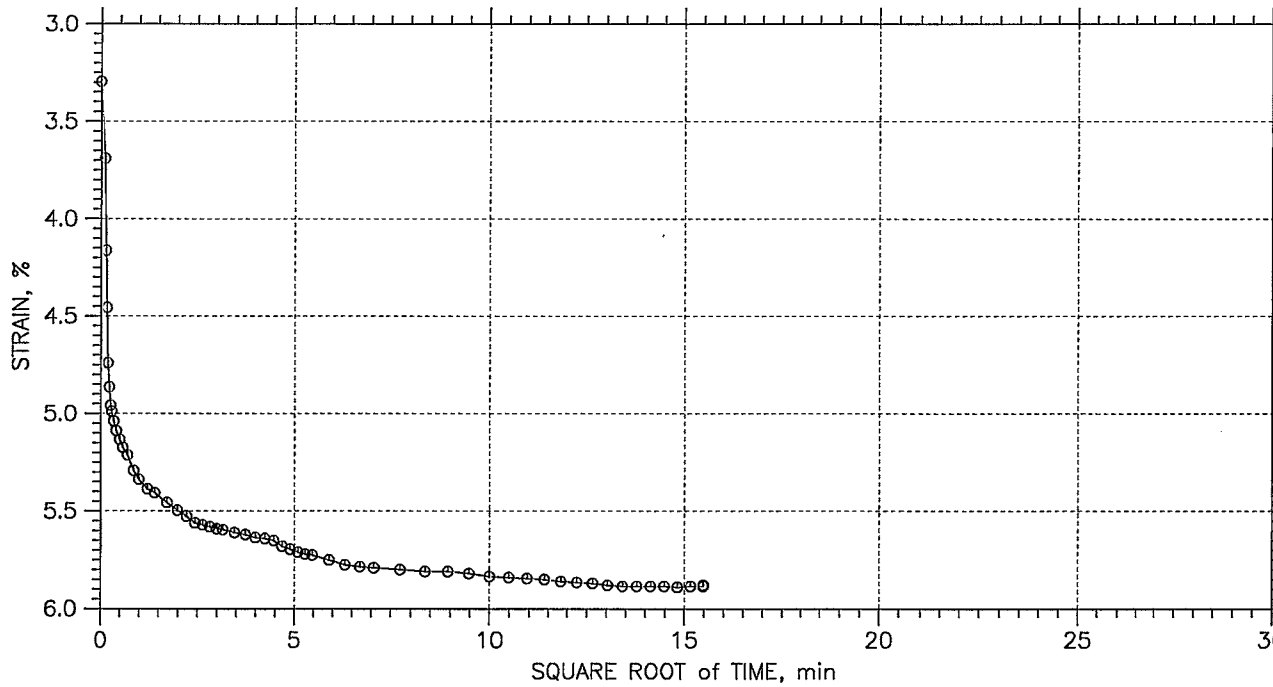
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

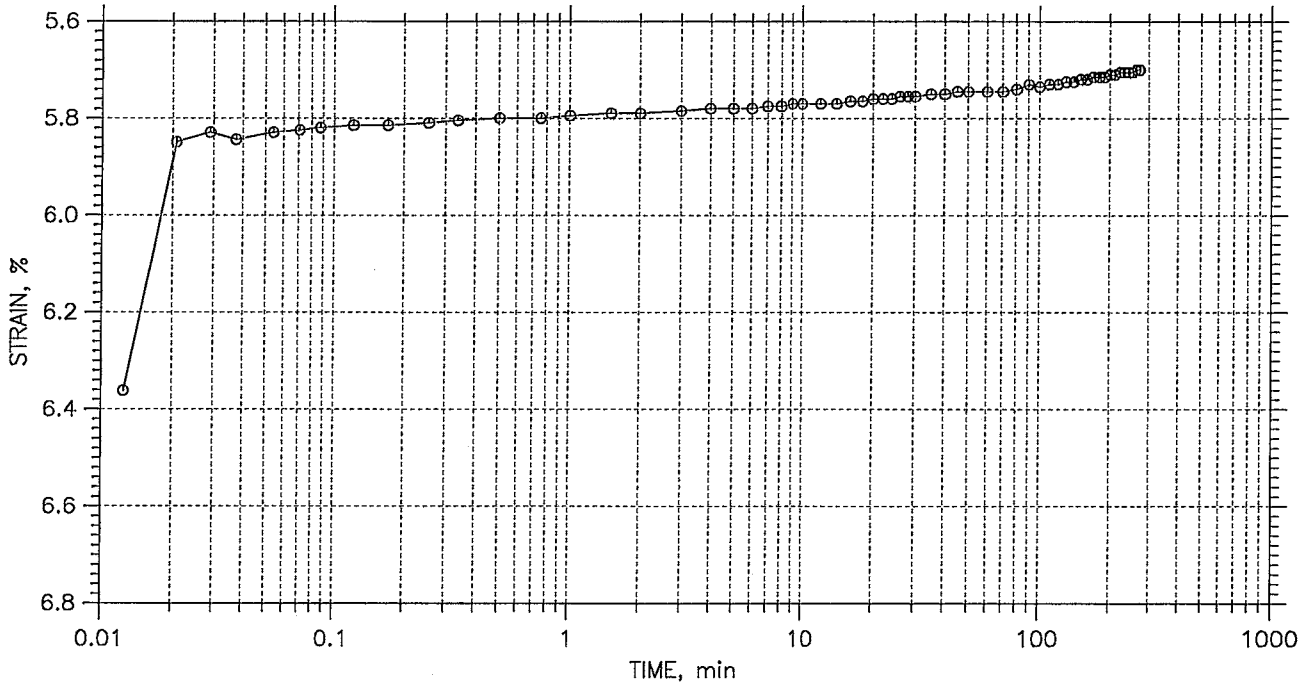
Thu, 19-APR-2007 15:39:29

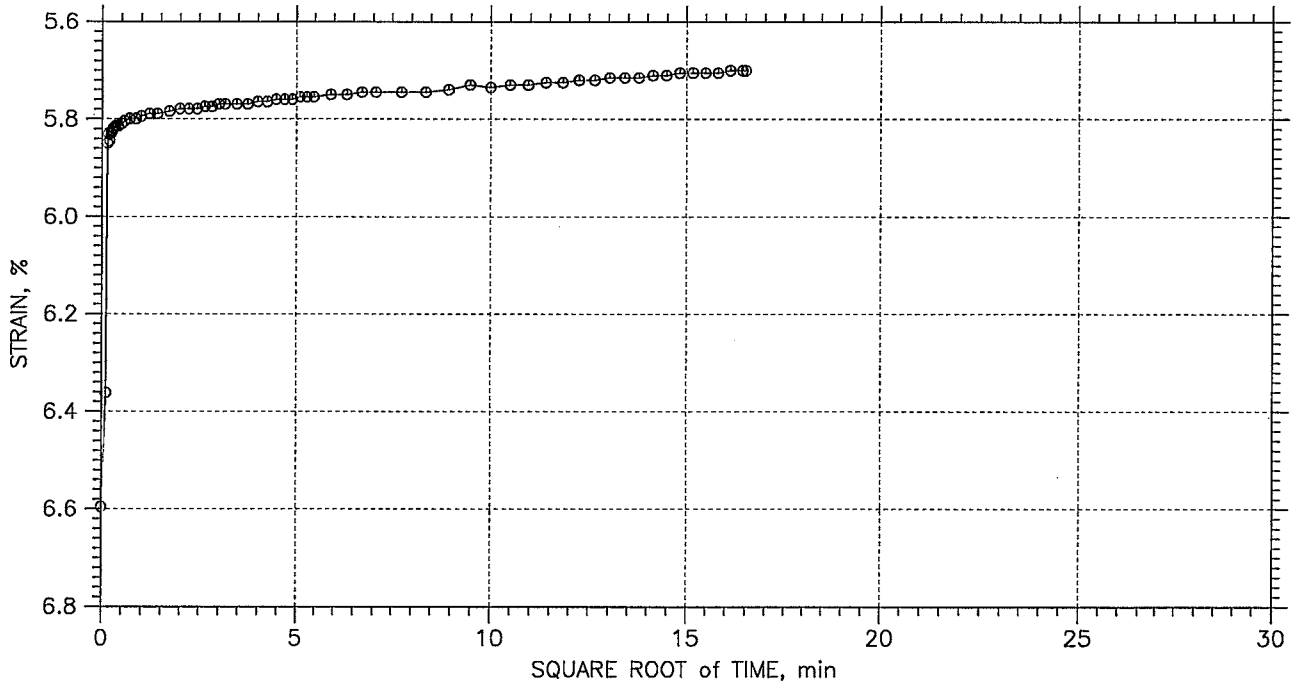
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

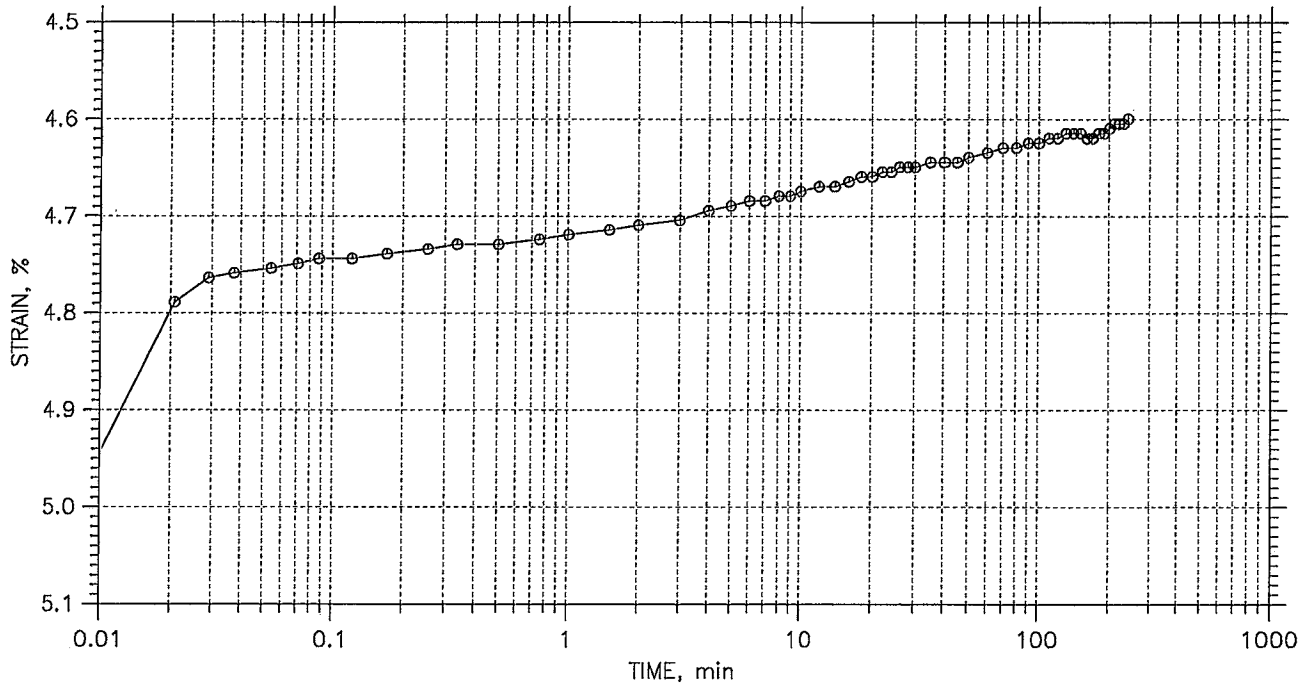
Thu, 19-APR-2007 15:39:30

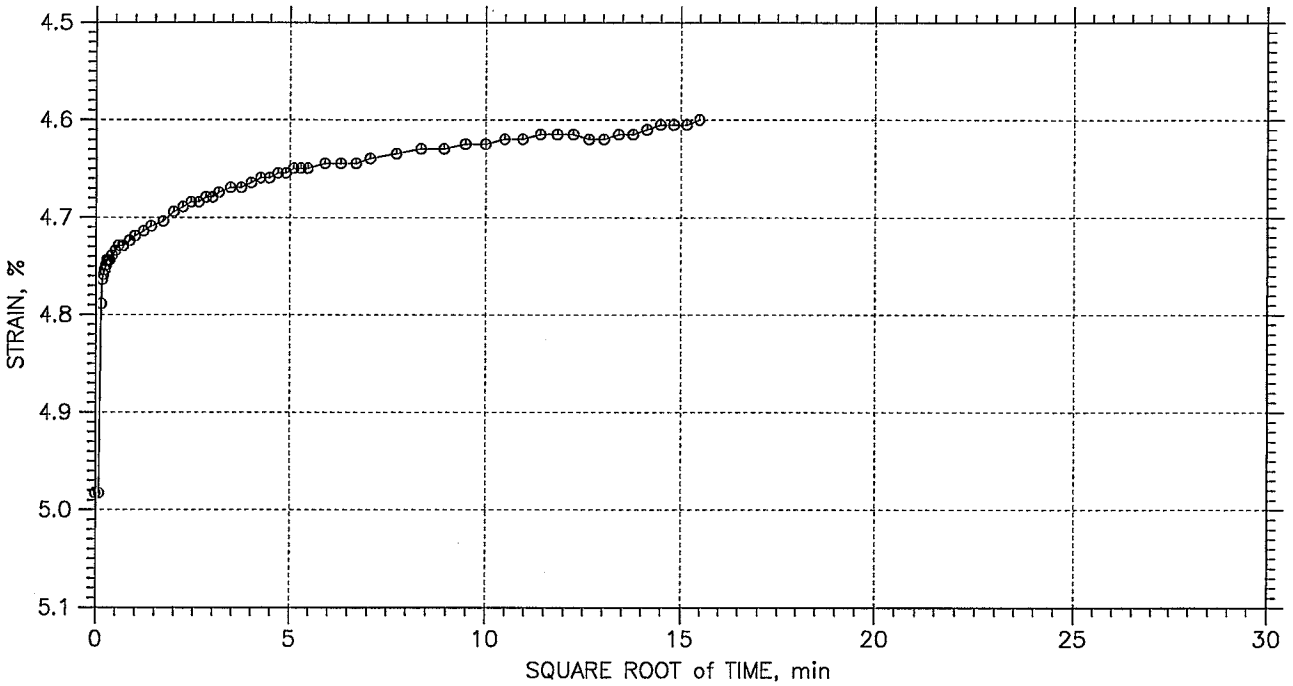
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

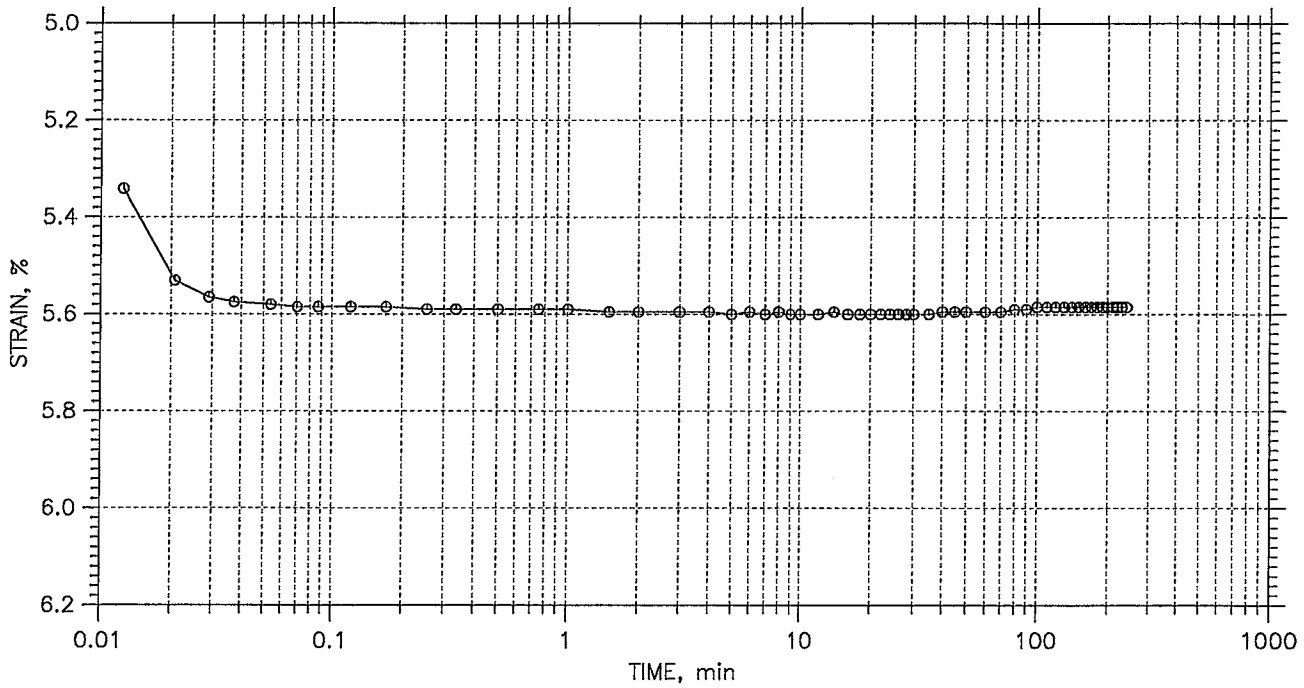
Thu, 19-APR-2007 15:39:31

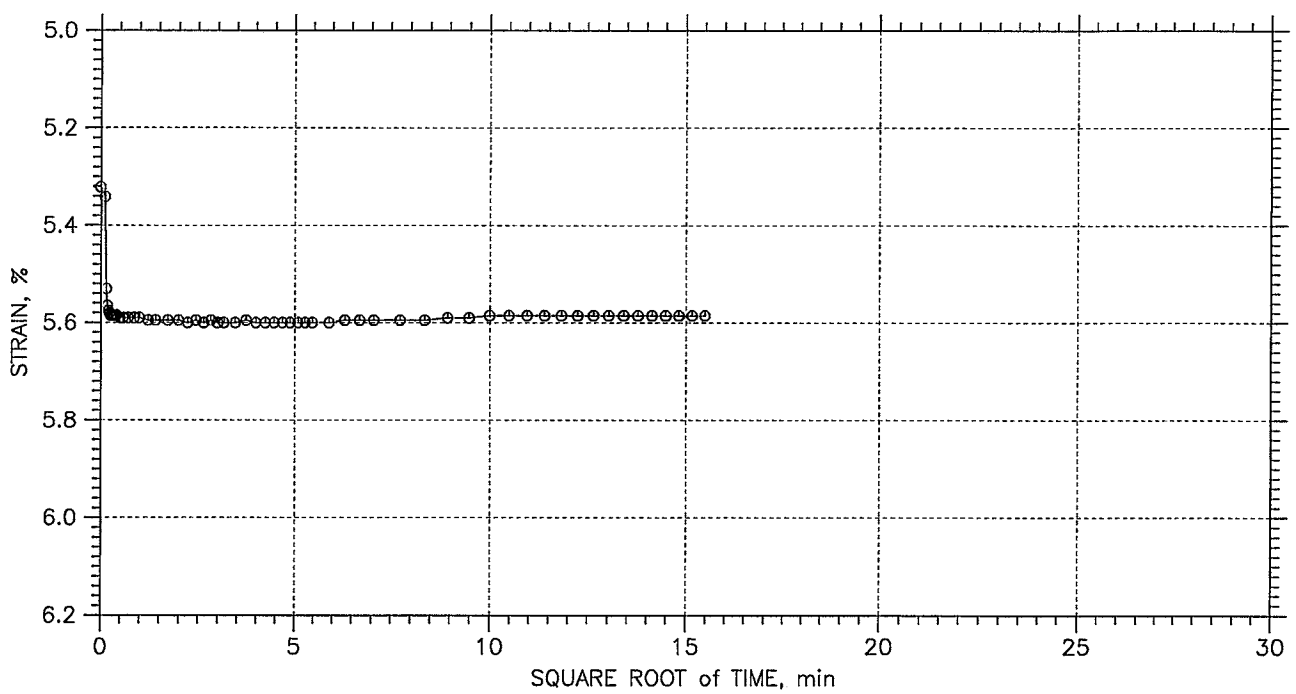
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

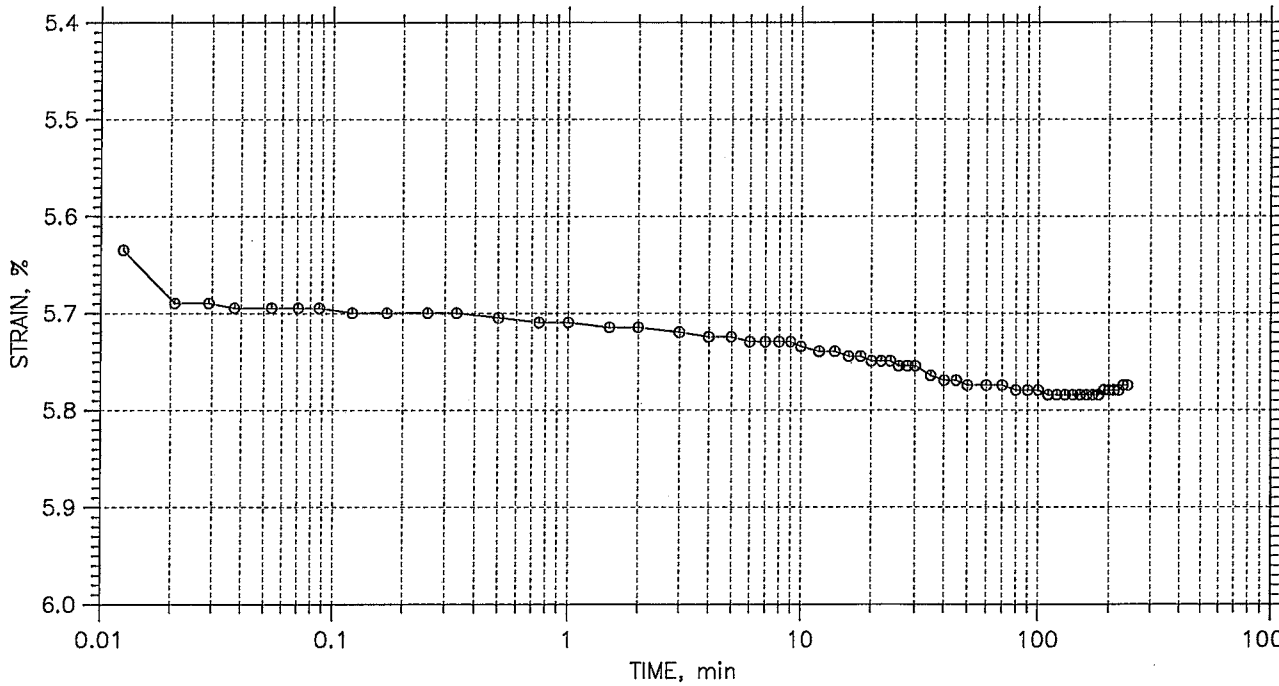
Thu, 19-APR-2007 15:41:07

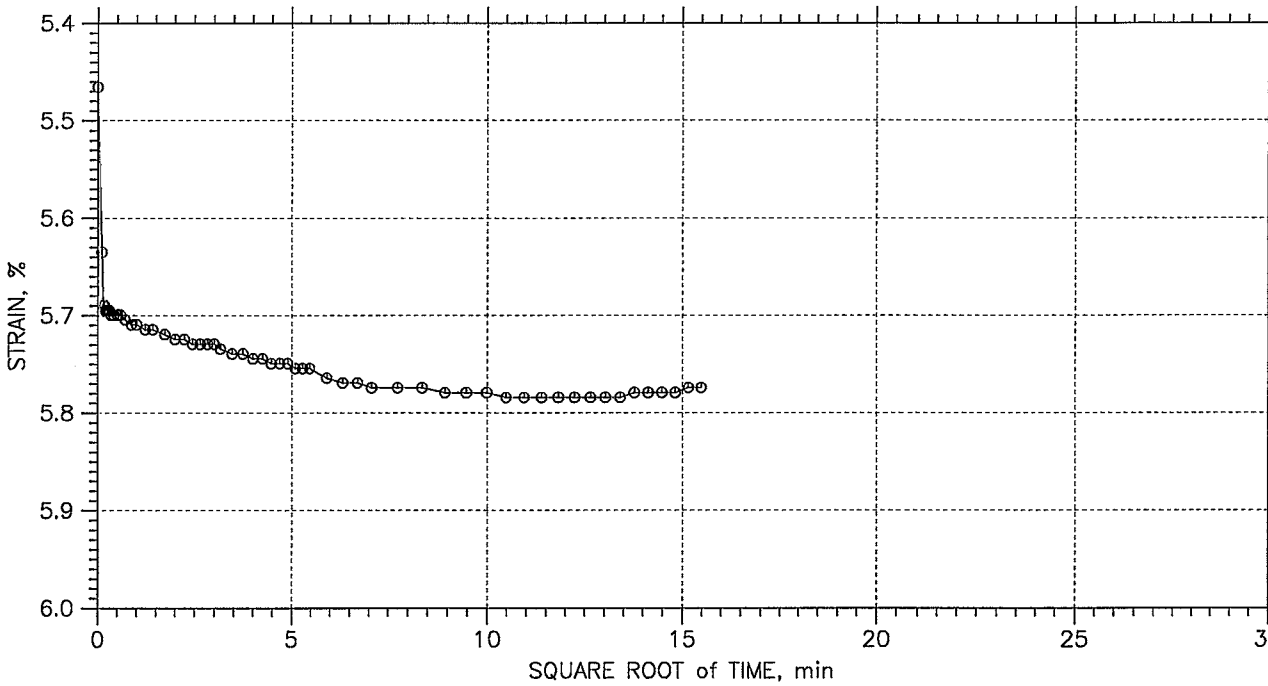
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





Geotesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

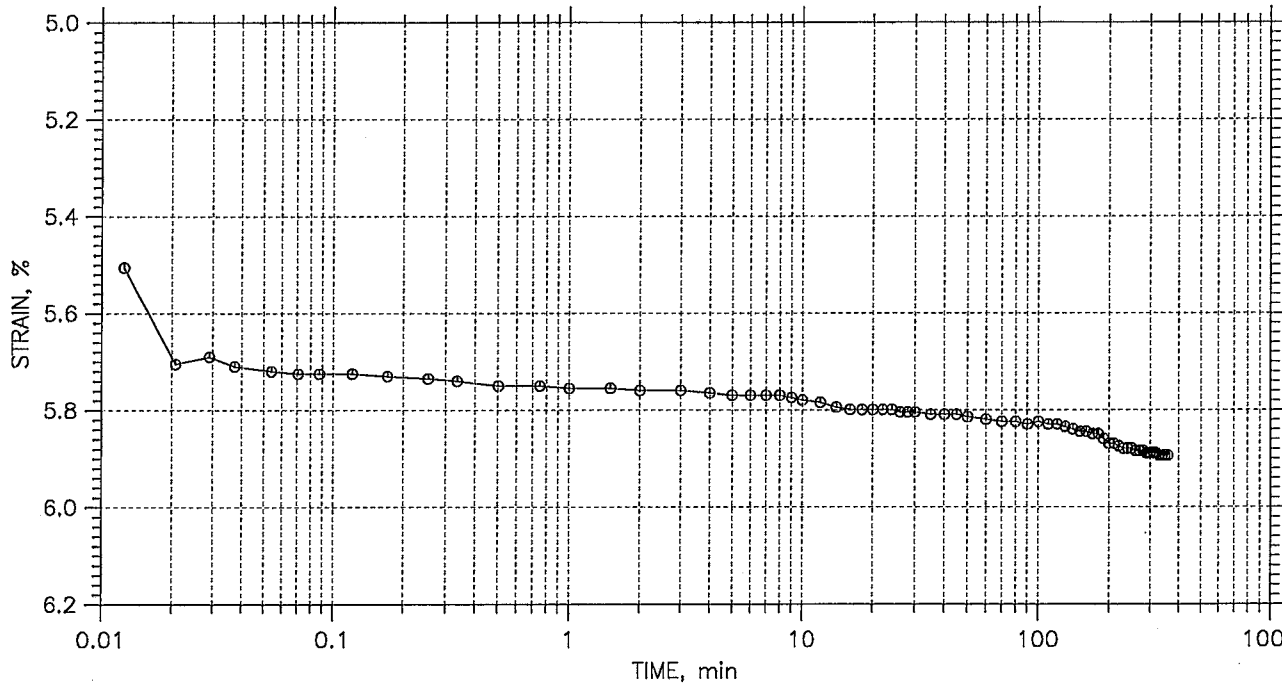
Thu, 19-APR-2007 15:39:33

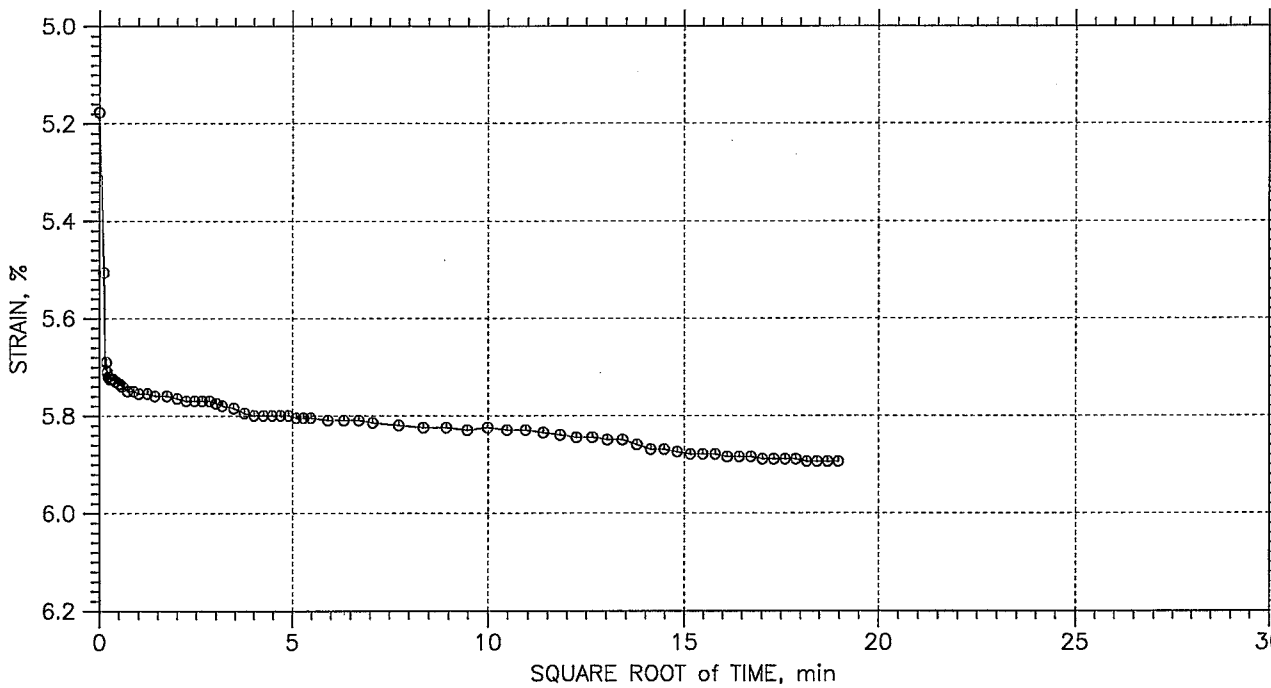
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



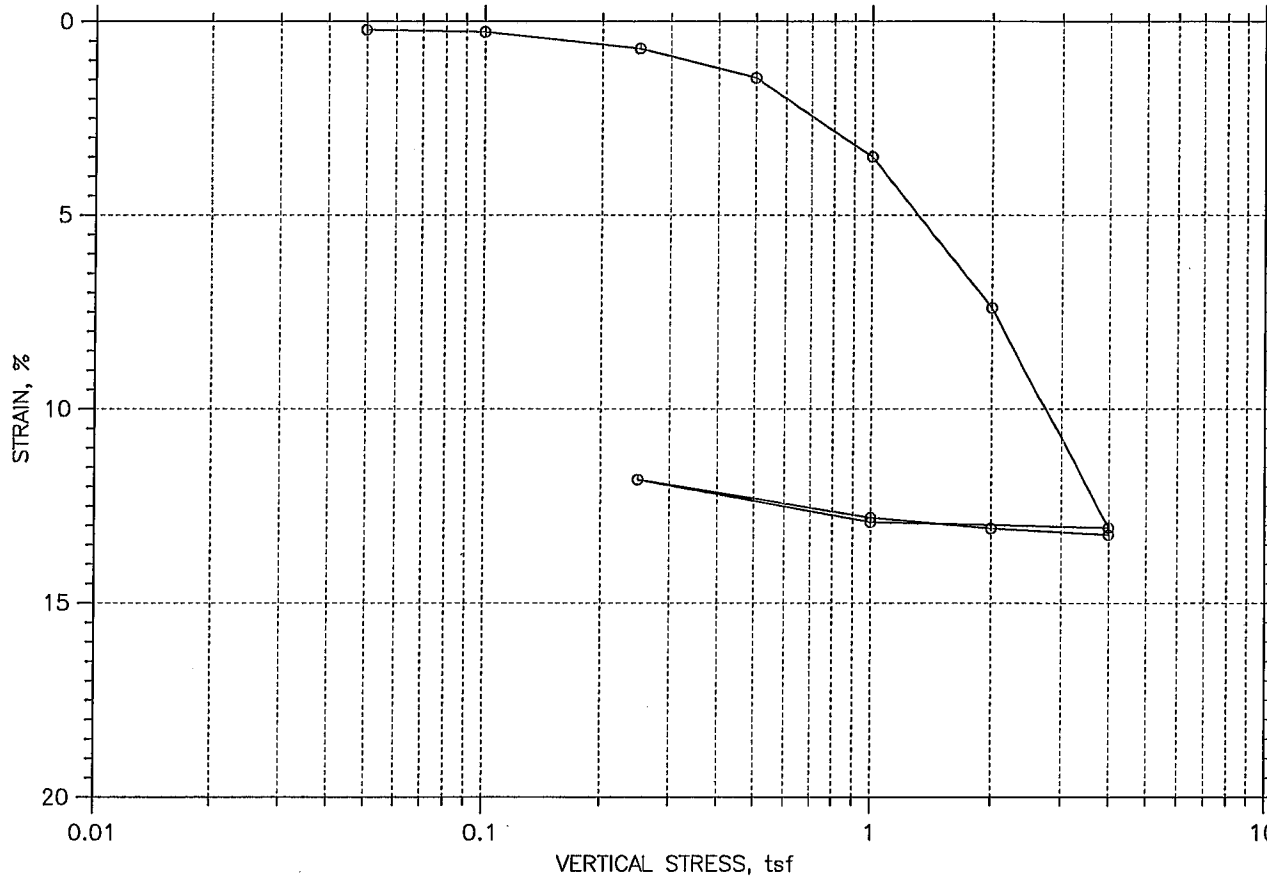


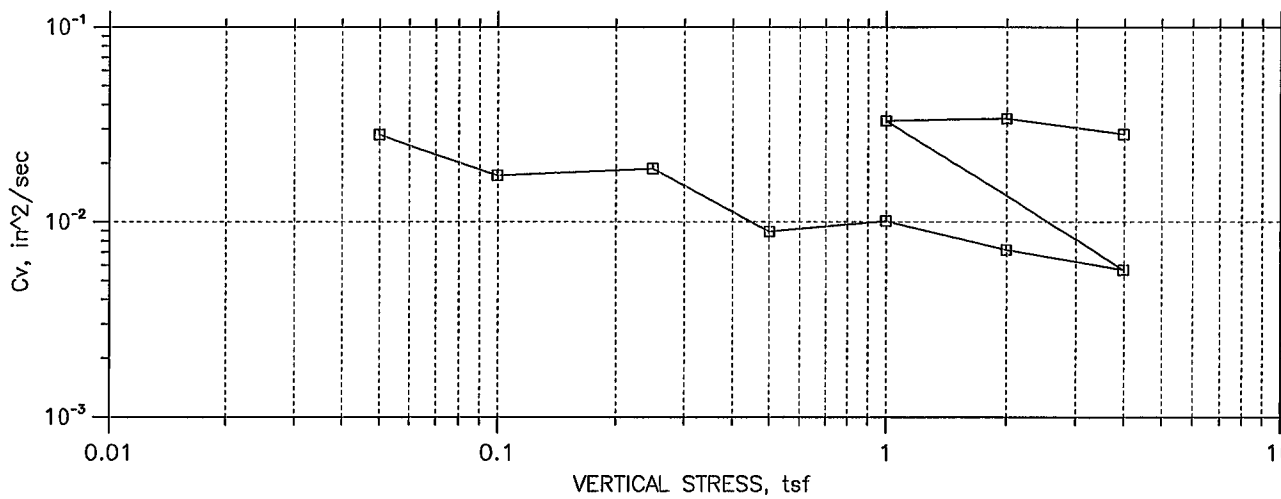
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-02	Test Date: 04/04/07	Depth: 10-12 ft
	Test No.: C-18	Sample Type: tube	Elevation: ---
	Description: Moist, white sandy silt with gravel		
	Remarks: System R		

Thu, 19-APR-2007 15:39:34

CONSOLIDATION TEST DATA

SUMMARY REPORT



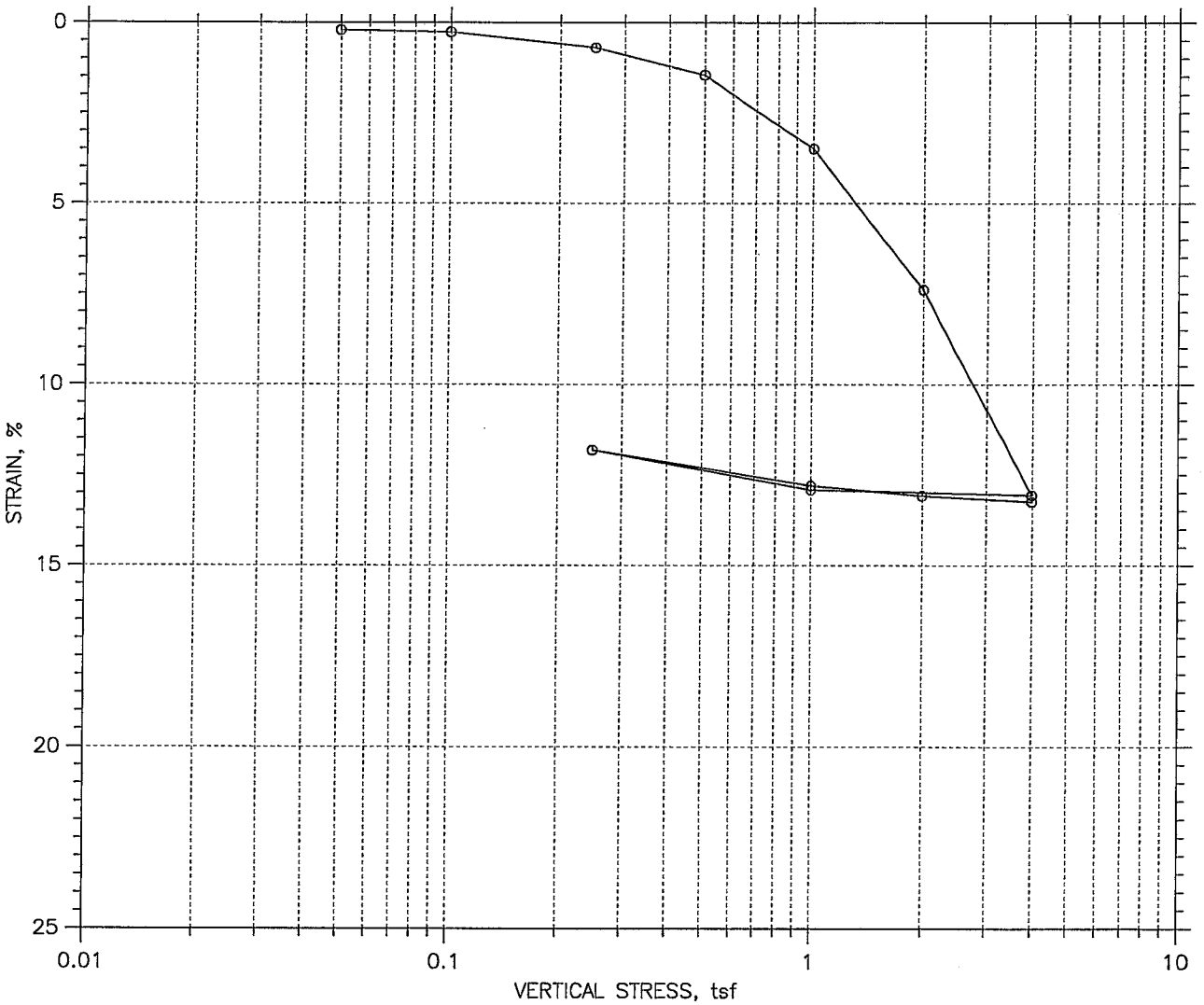


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

Thu, 19-APR-2007 16:11:16

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	101.20	86.94
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	39.04	45.
Compression Index: ---				Saturation, %	83.64	87.09
Diameter: 2.5 in		Height: 1 in		Void Ratio	3.11	2.57
LL: 145	PL: 114	PI: 31	GS: 2.57			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

Thu, 19-APR-2007 16:11:17

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-01
Sample No.: 0297-05
Test No.: C-19

Location: Syracuse, NY
Tested By: md
Test Date: 04/09/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 28-30 ft
Elevation: ---

Soil Description: Moist, dark gray sandy silt with gravel
Remarks: System R

Measured Specific Gravity: 2.57
Initial Void Ratio: 3.11
Final Void Ratio: 2.57

Liquid Limit: 145
Plastic Limit: 114
Plasticity Index: 31

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	TX-3000	RING		s0(919ob)
Wt. Container + Wet Soil, gm	248.14	316.73	309.56	101.67
Wt. Container + Dry Soil, gm	133.54	265.82	265.82	58.12
Wt. Container, gm	8.05	215.52	215.52	8.03
Wt. Dry Soil, gm	125.49	50.304	50.304	50.09
Water Content, %	91.32	101.20	86.94	86.94
Void Ratio	---	3.11	2.57	---
Degree of Saturation, %	---	83.64	87.09	---
Dry Unit Weight, pcf	---	39.04	44.995	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-01
Sample No.: 0297-05
Test No.: C-19

Location: Syracuse, NY
Tested By: md
Test Date: 04/09/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 28-30 ft
Elevation: ---

Soil Description: Moist, dark gray sandy silt with gravel
Remarks: System R

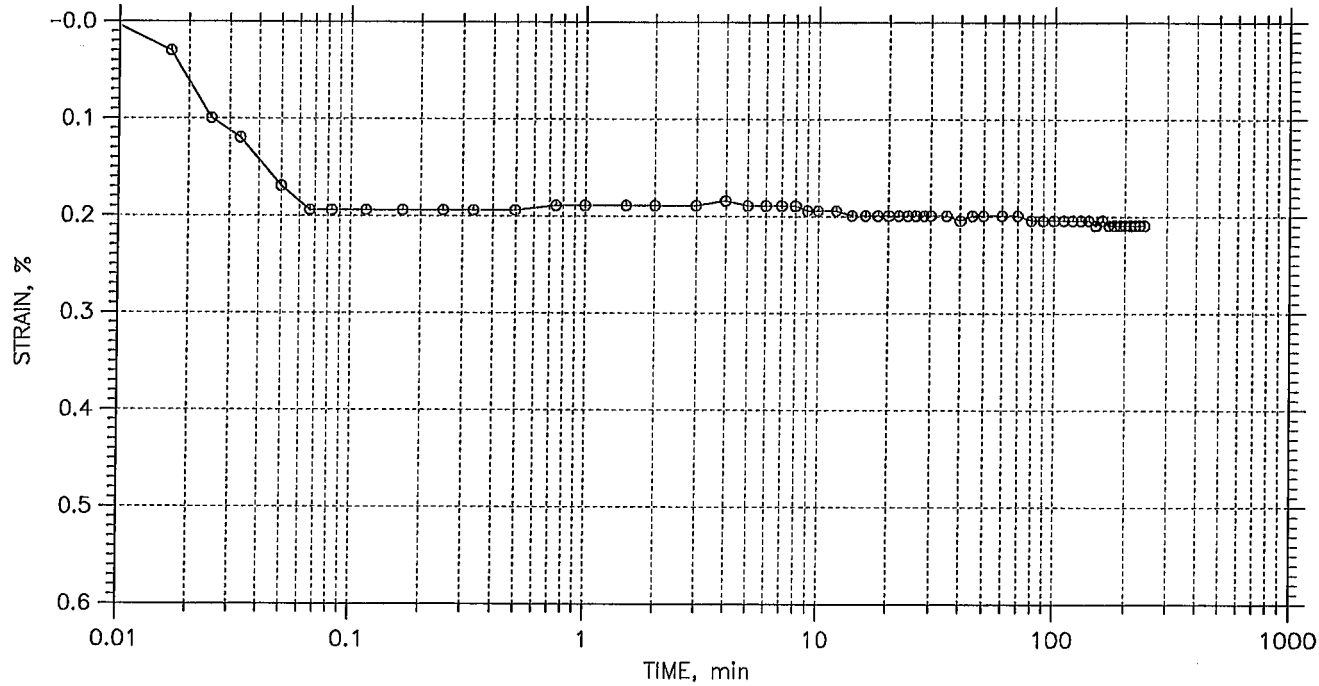
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.002089	3.101	0.21	0.0	0.0	2.81e-002	0.00e+000	2.81e-002
2	0.1	0.002638	3.099	0.26	0.0	0.0	1.74e-002	0.00e+000	1.74e-002
3	0.25	0.006968	3.081	0.70	0.0	0.0	1.90e-002	1.86e-002	1.88e-002
4	0.5	0.01453	3.050	1.45	0.1	0.1	6.76e-003	1.32e-002	8.95e-003
5	1	0.03489	2.966	3.49	0.1	0.1	9.23e-003	1.12e-002	1.01e-002
6	2	0.07387	2.806	7.39	0.1	0.1	5.60e-003	1.01e-002	7.21e-003
7	4	0.1306	2.573	13.06	0.1	0.1	4.76e-003	7.11e-003	5.70e-003
8	1	0.1291	2.579	12.91	0.0	0.0	3.82e-002	0.00e+000	3.82e-002
9	0.25	0.1182	2.624	11.82	0.3	0.0	2.22e-003	0.00e+000	2.22e-003
10	1	0.128	2.584	12.80	0.0	0.0	3.31e-002	0.00e+000	3.31e-002
11	2	0.1307	2.572	13.07	0.0	0.0	3.40e-002	0.00e+000	3.40e-002
12	4	0.1324	2.566	13.24	0.0	0.0	2.82e-002	0.00e+000	2.82e-002

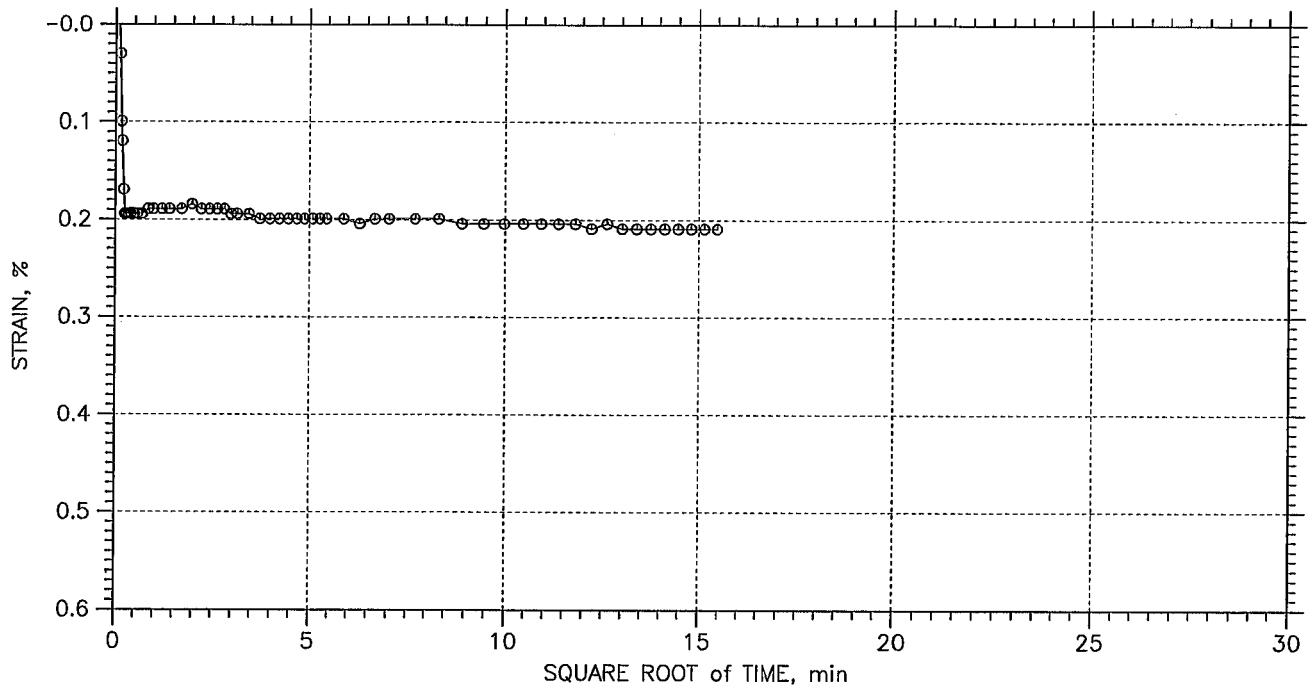
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

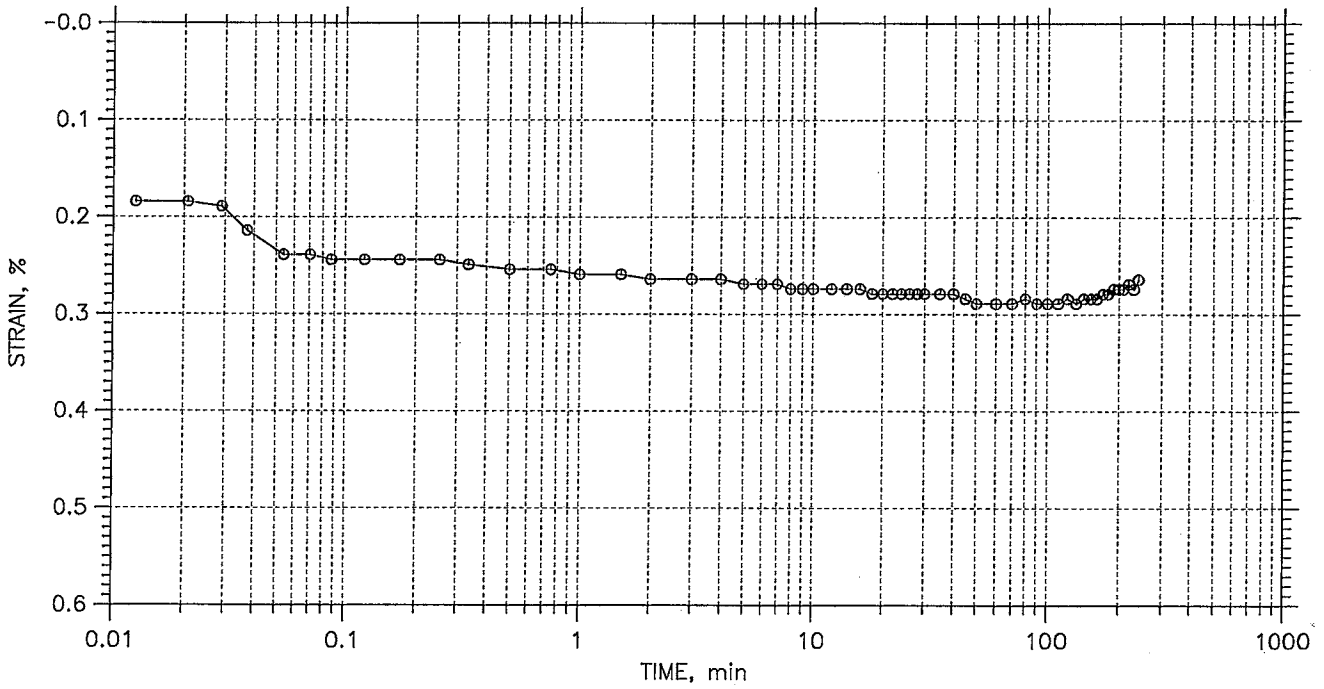
Thu, 19-APR-2007 16:11:59

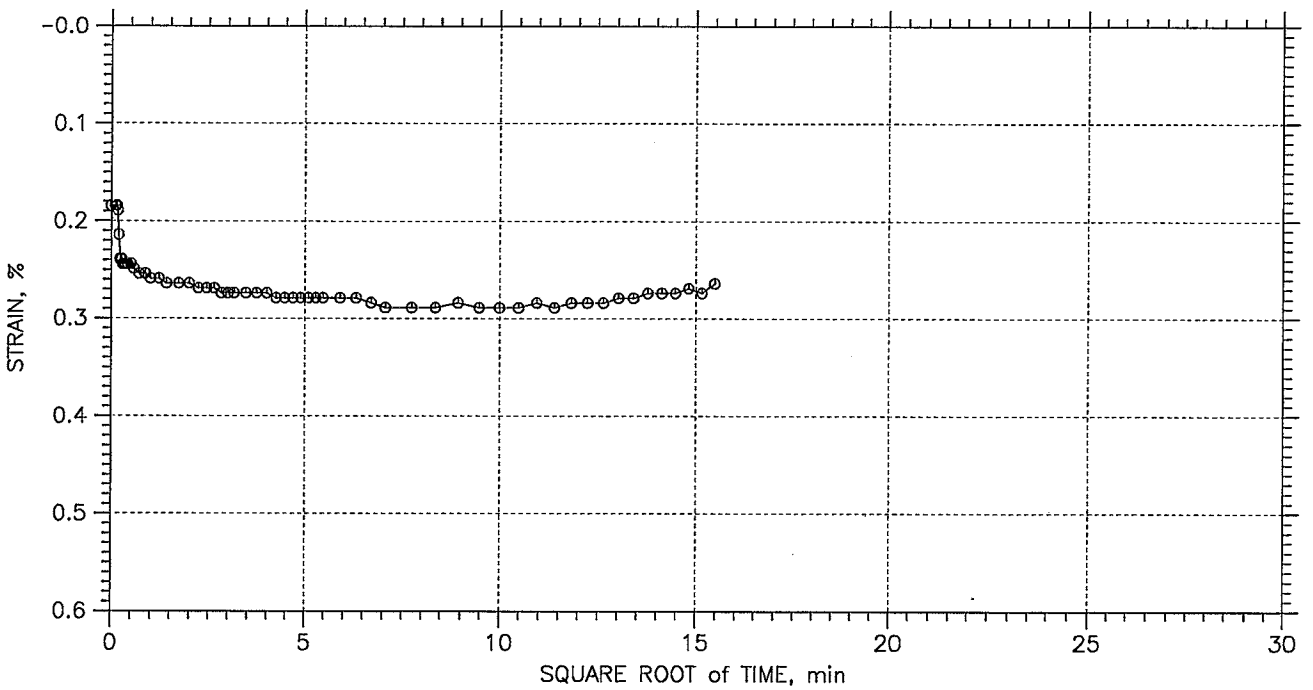
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





Geotesting express, a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

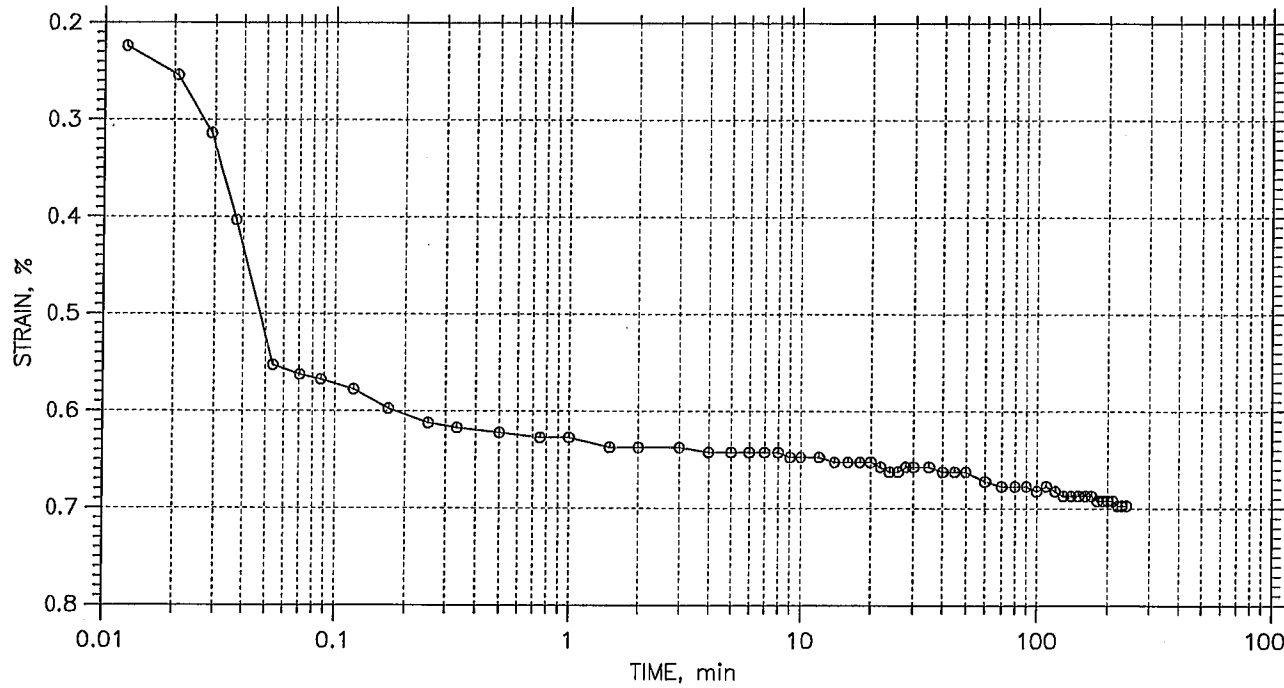
Thu, 19-APR-2007 16:12:24

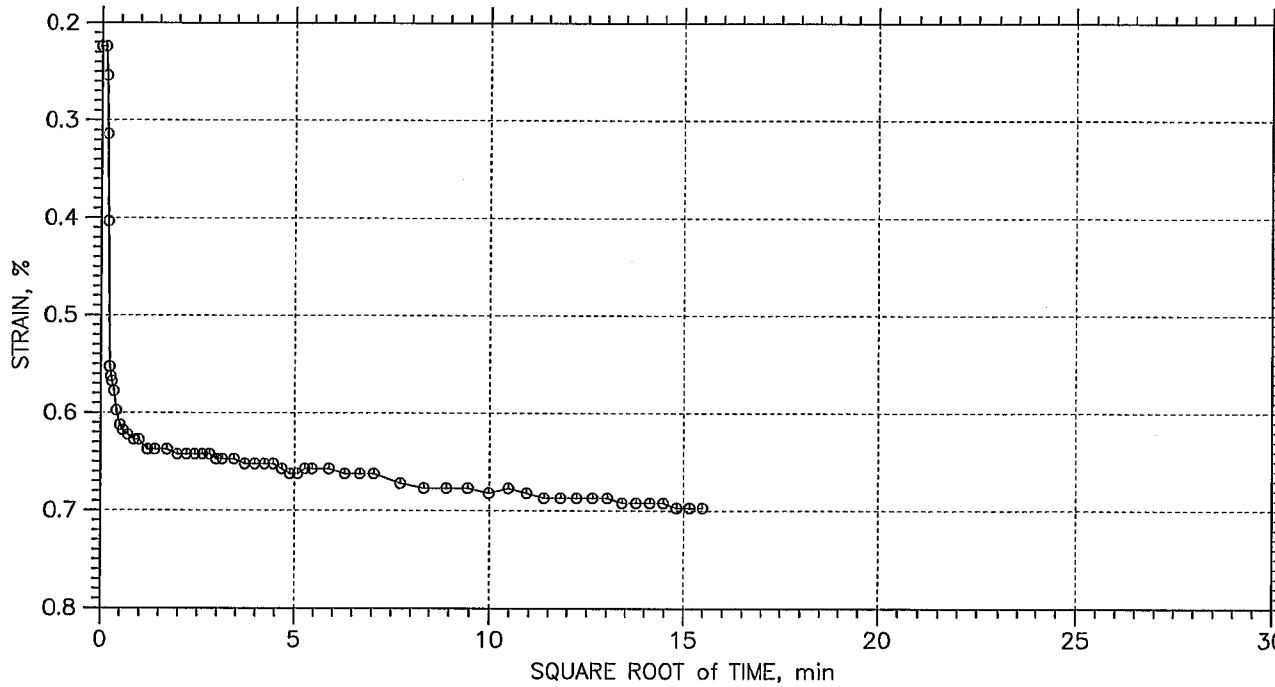
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

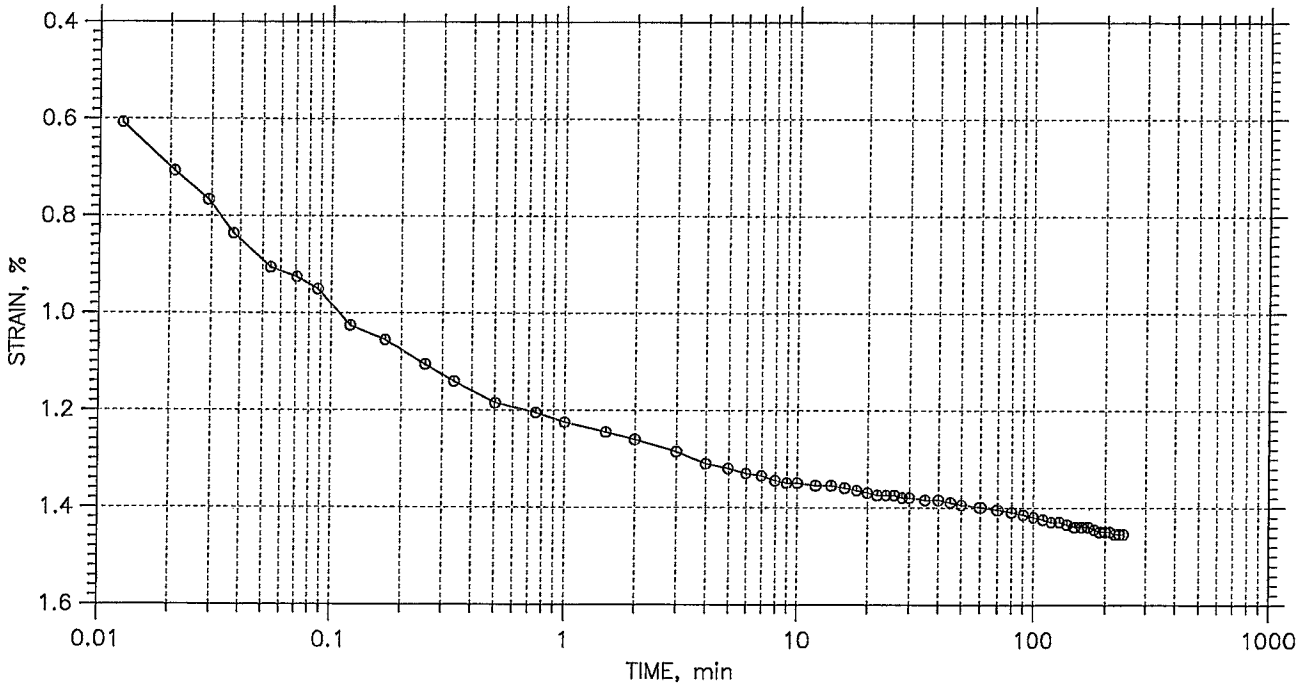
Thu, 19-APR-2007 16:11:20

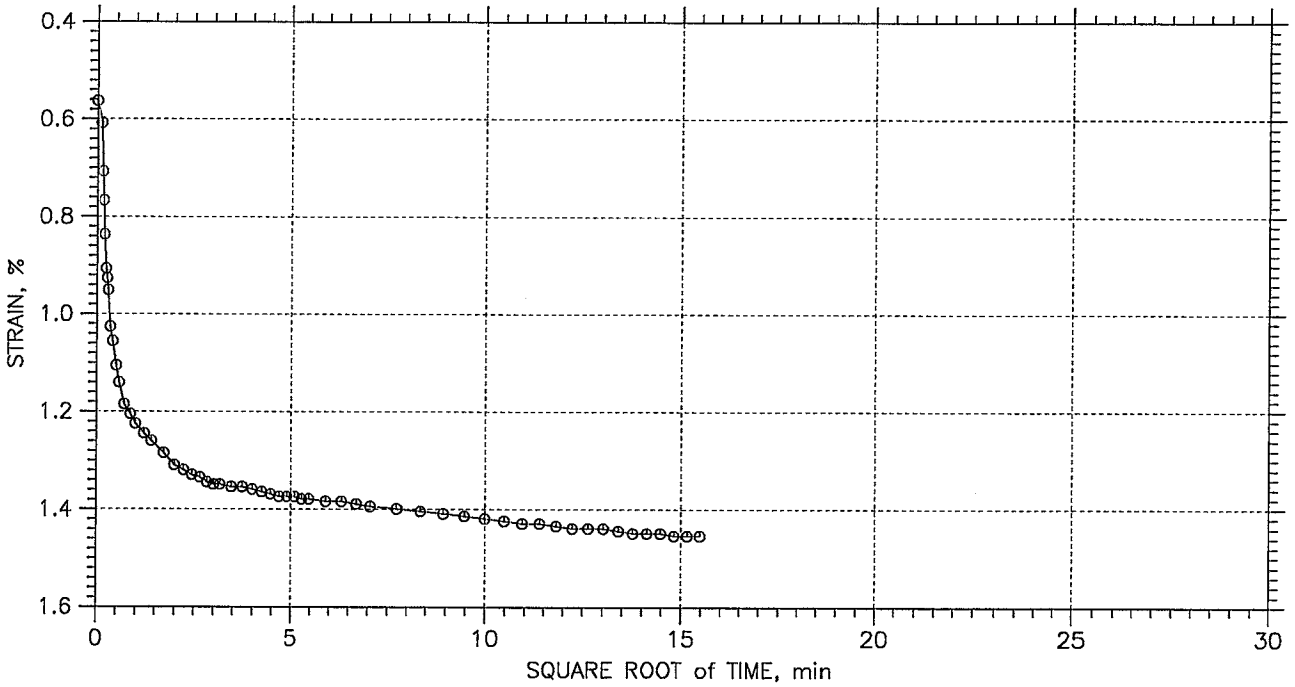
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

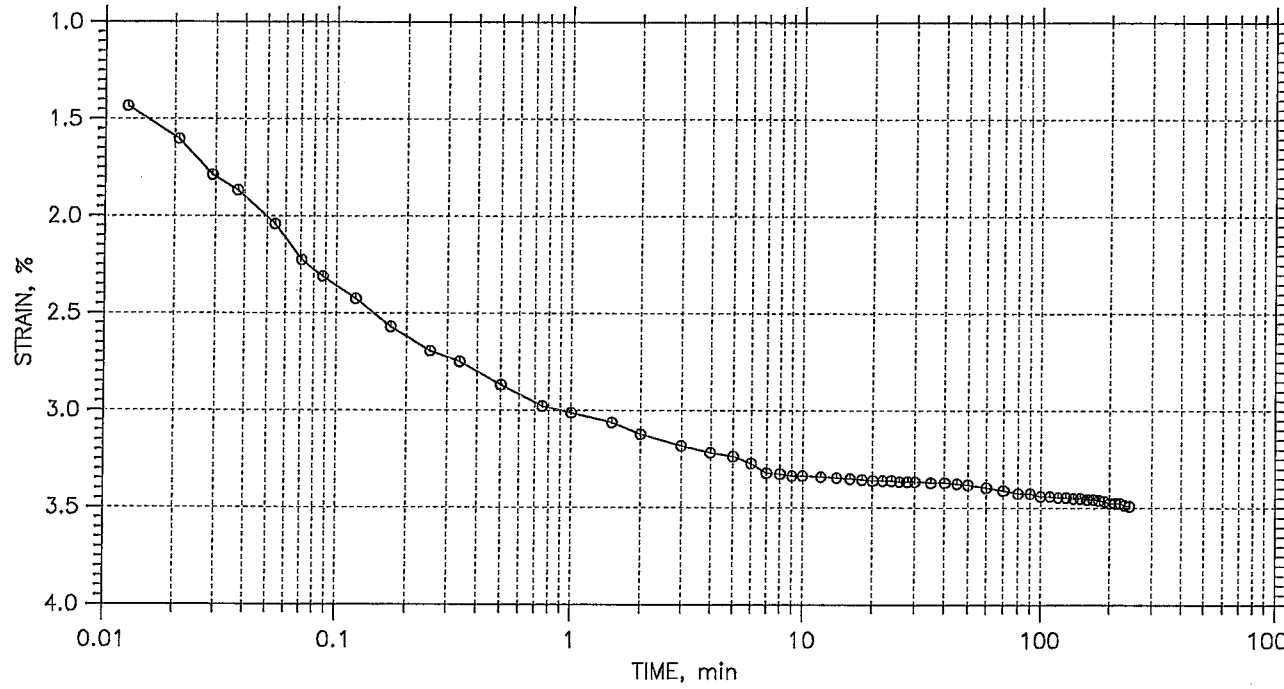
Thu, 19-APR-2007 16:11:21

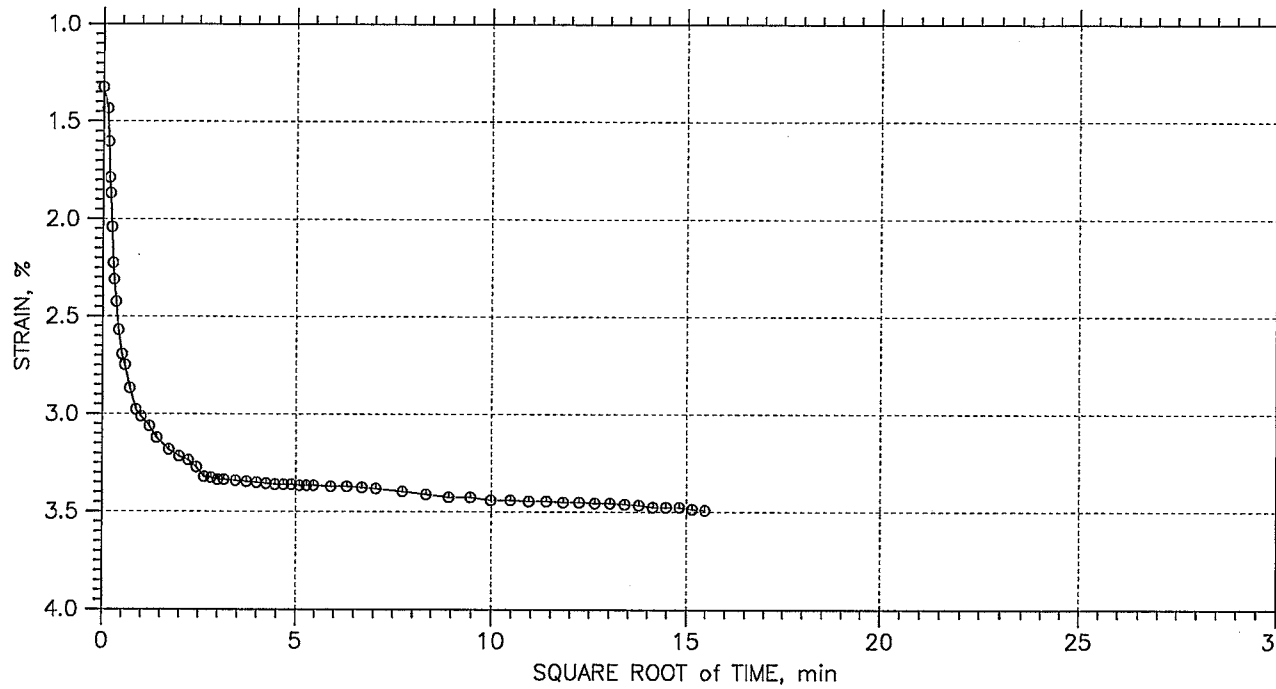
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

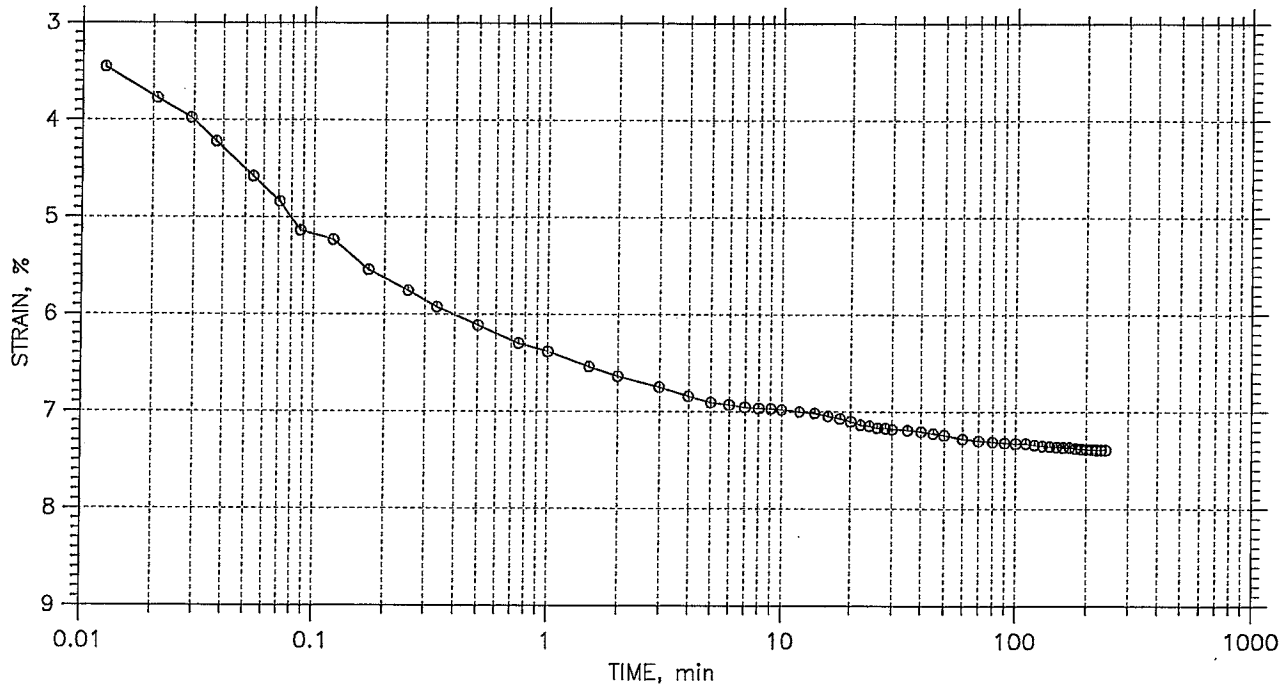
Thu, 19-APR-2007 16:11:22

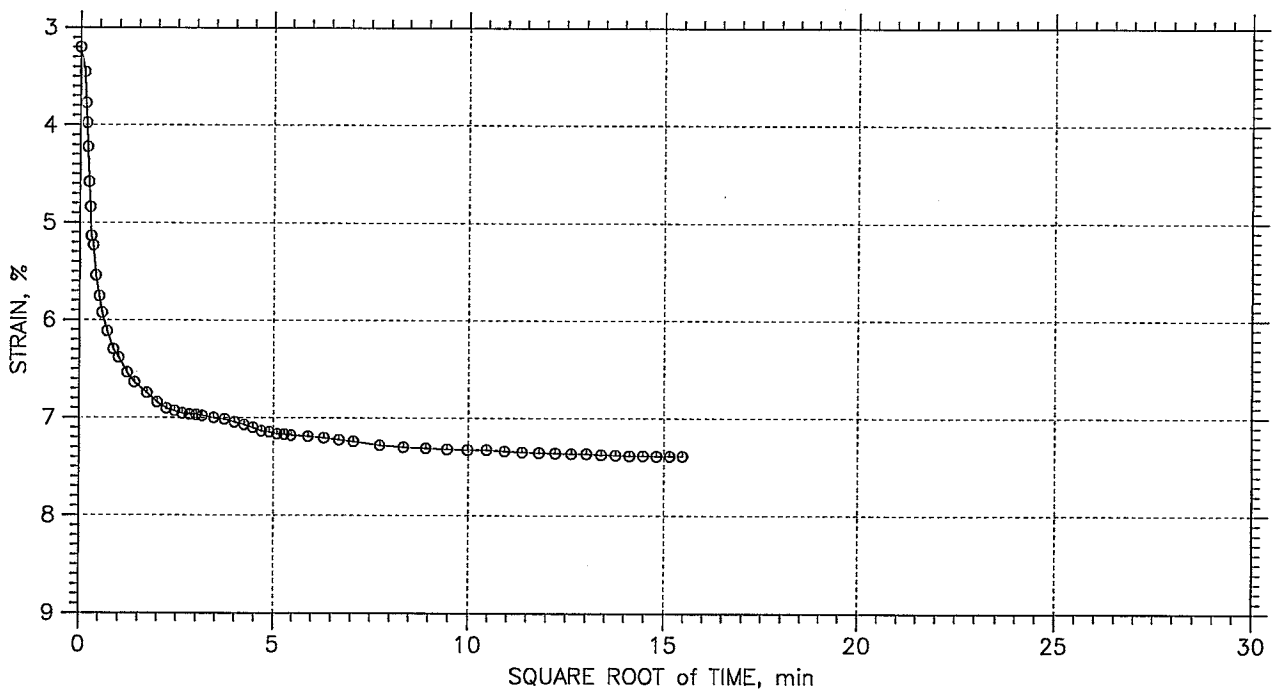
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





Geotesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

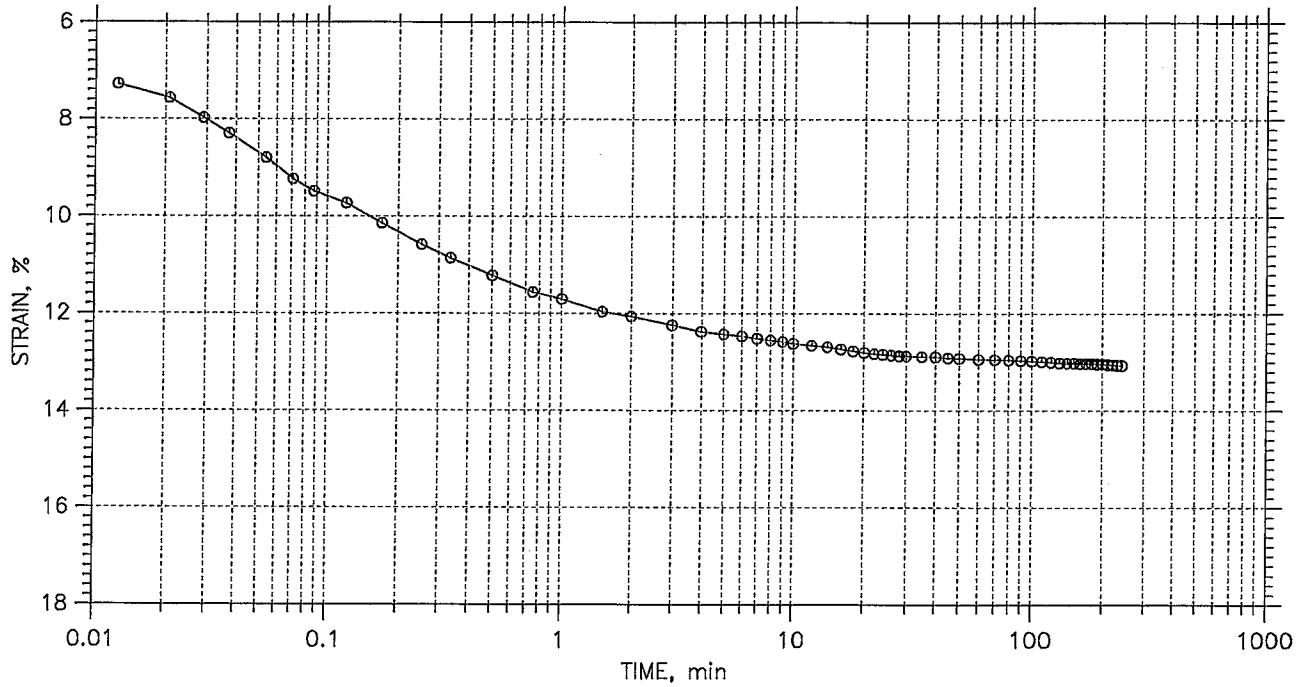
Thu, 19-APR-2007 16:11:23

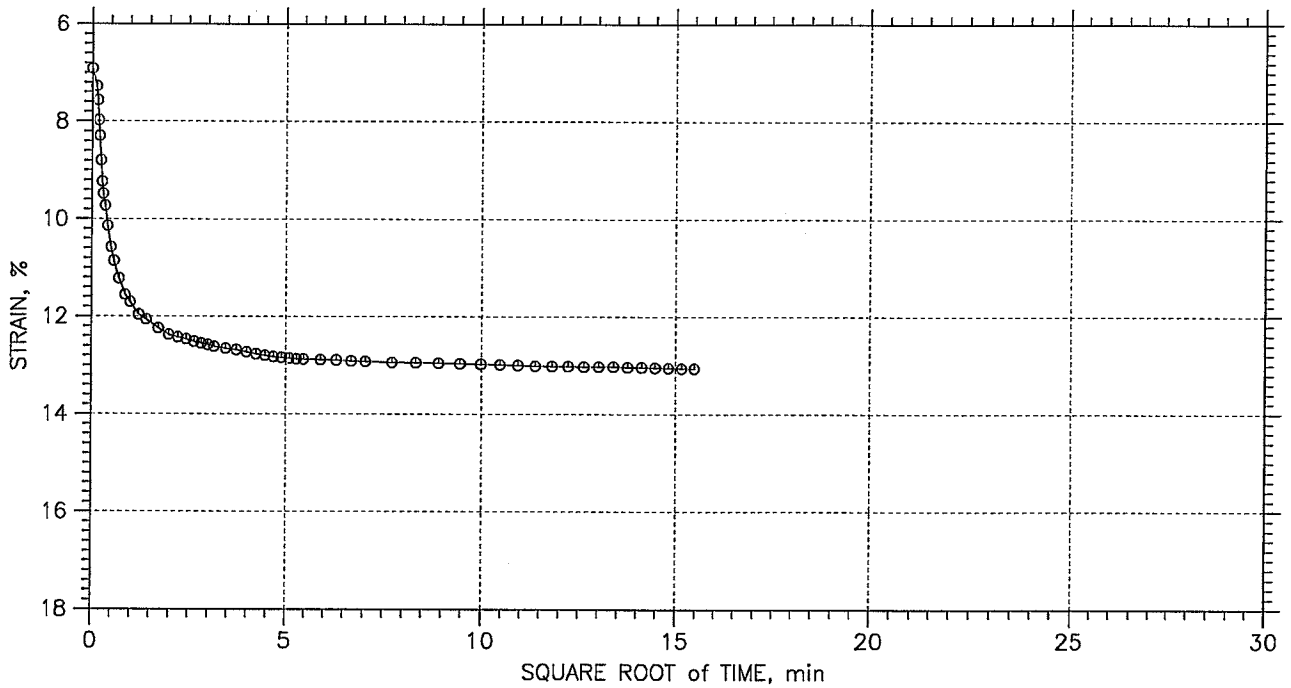
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





Geotesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

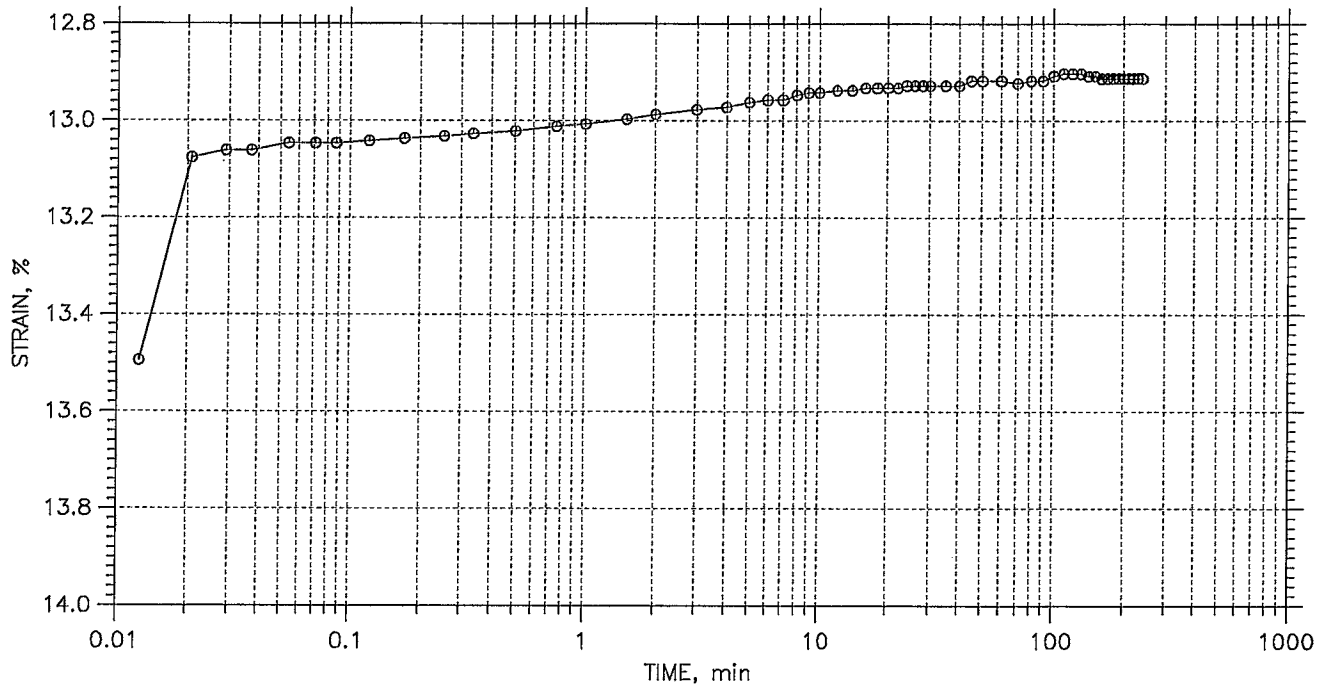
Thu, 19-APR-2007 16:11:24

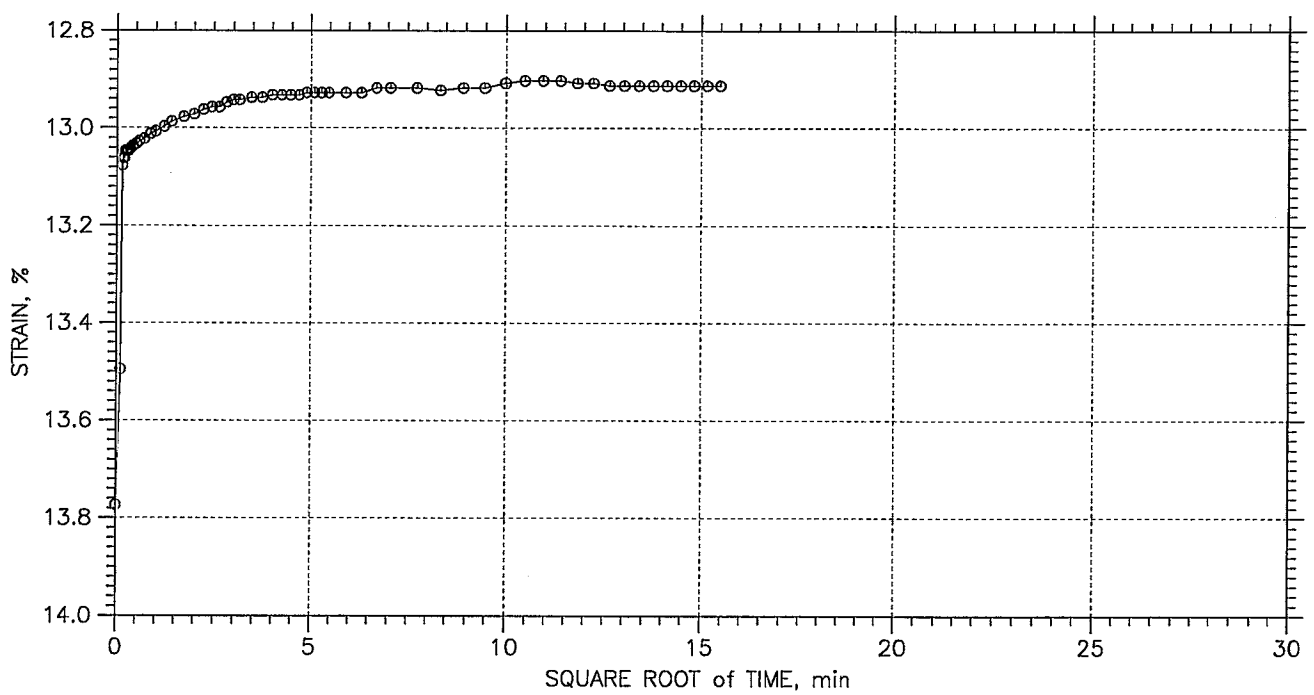
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

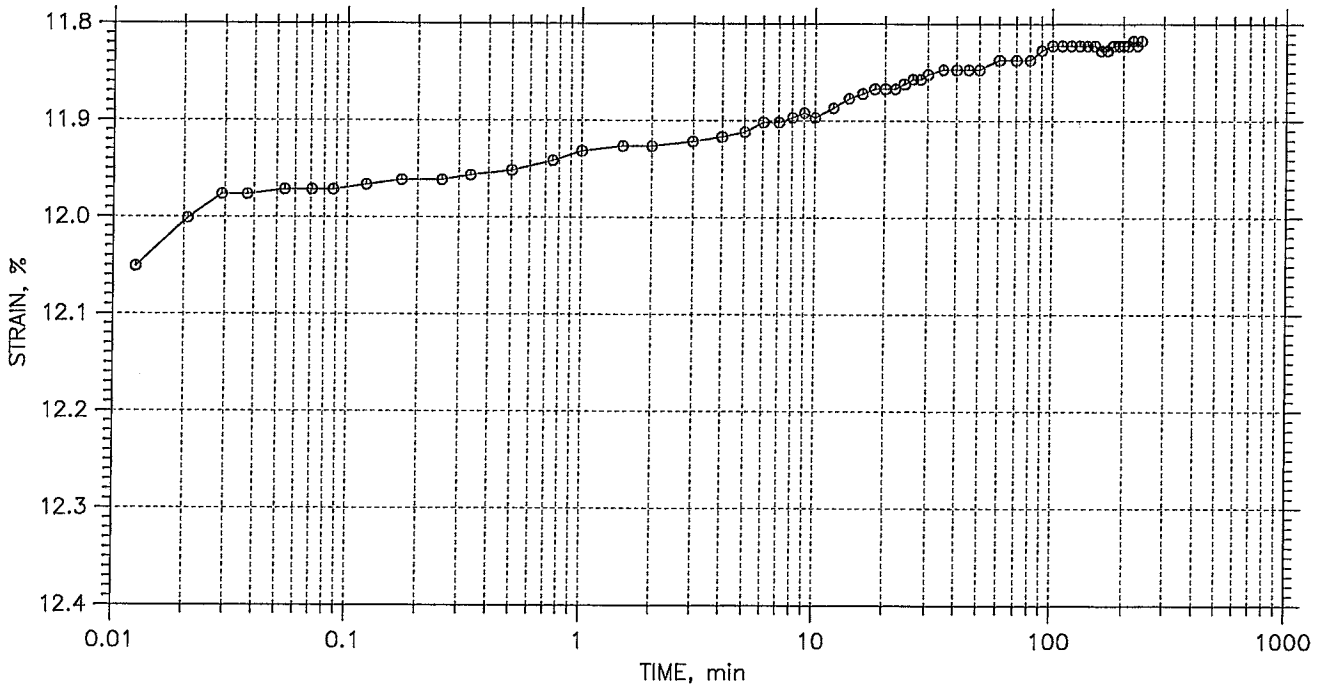
Thu, 19-APR-2007 16:11:25

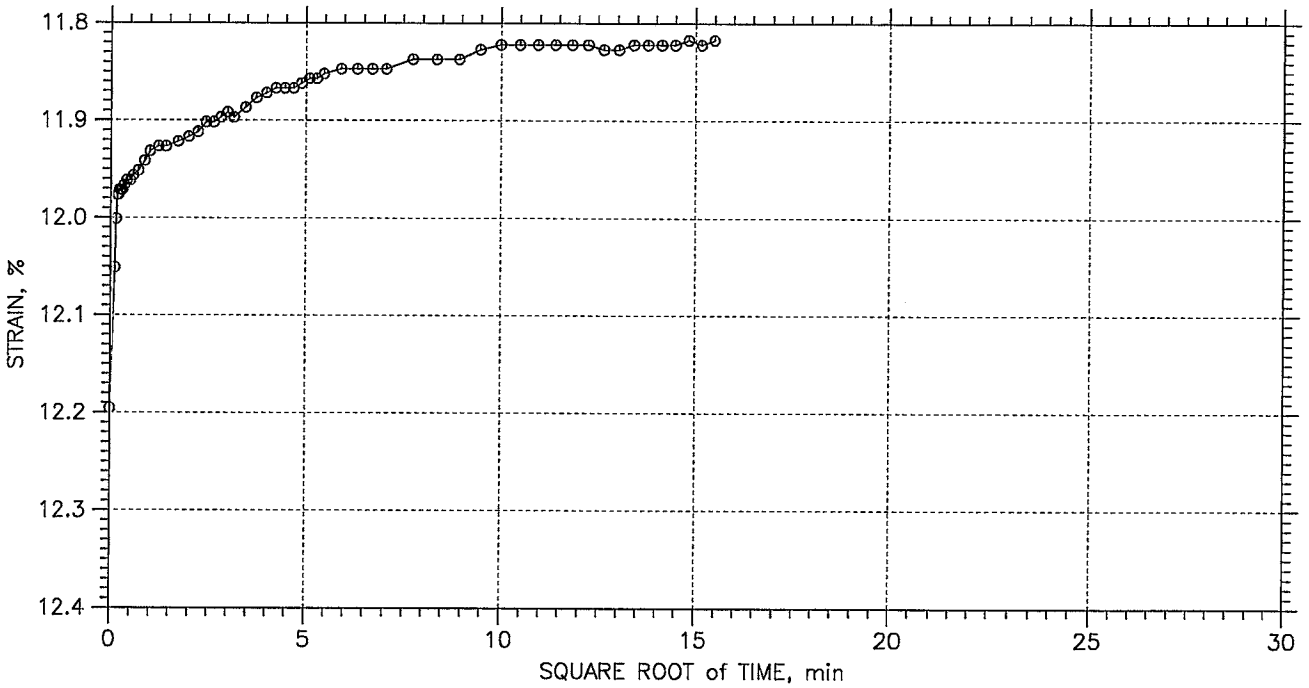
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

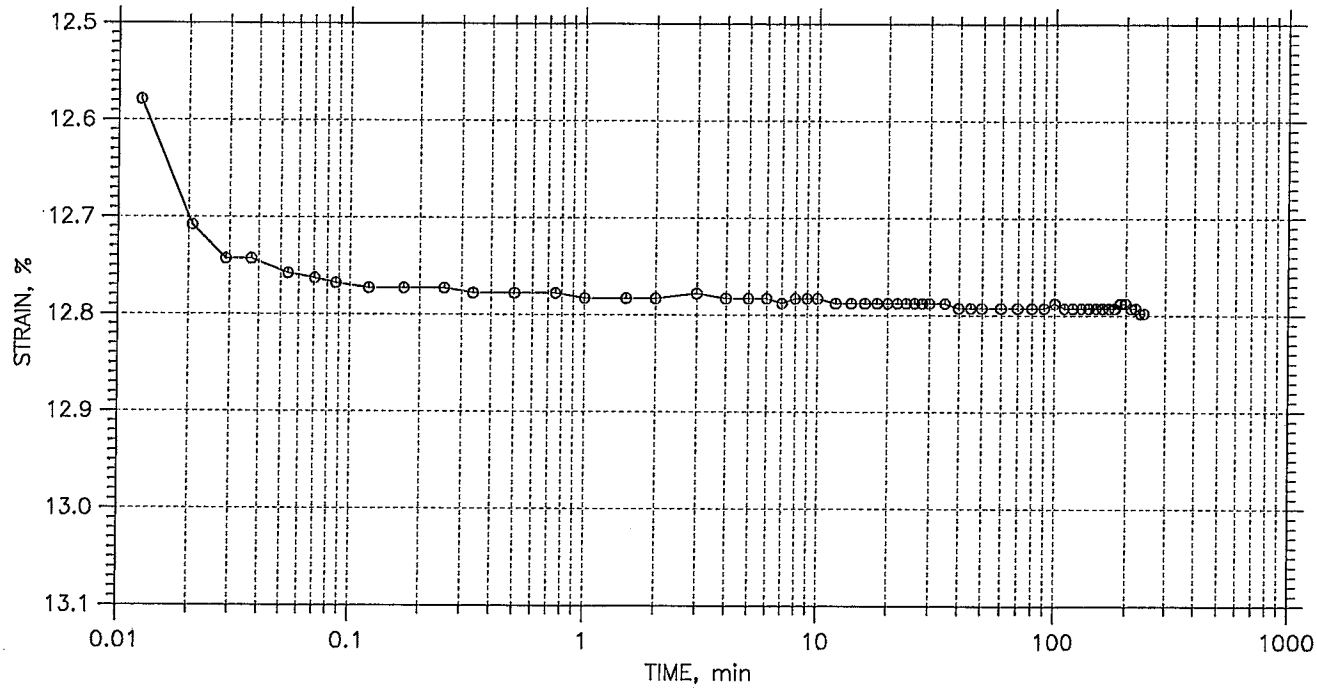
Thu, 19-APR-2007 16:11:26

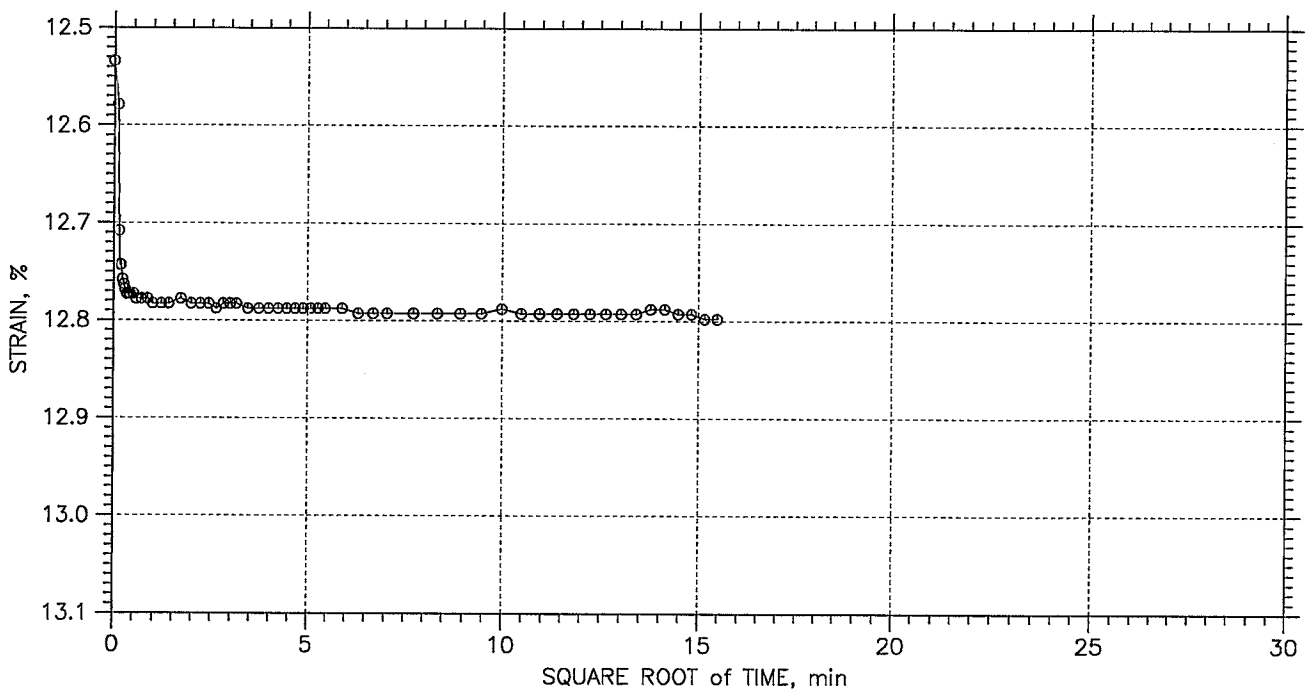
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

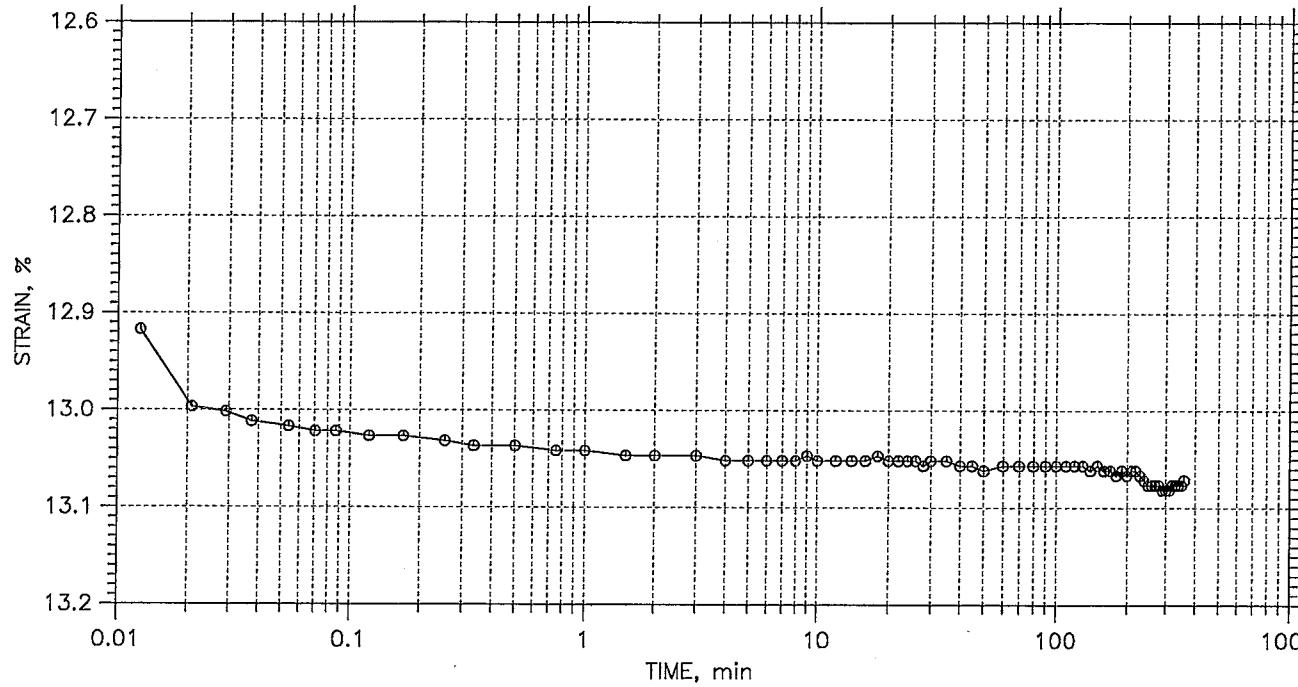
Thu, 19-APR-2007 16:13:17

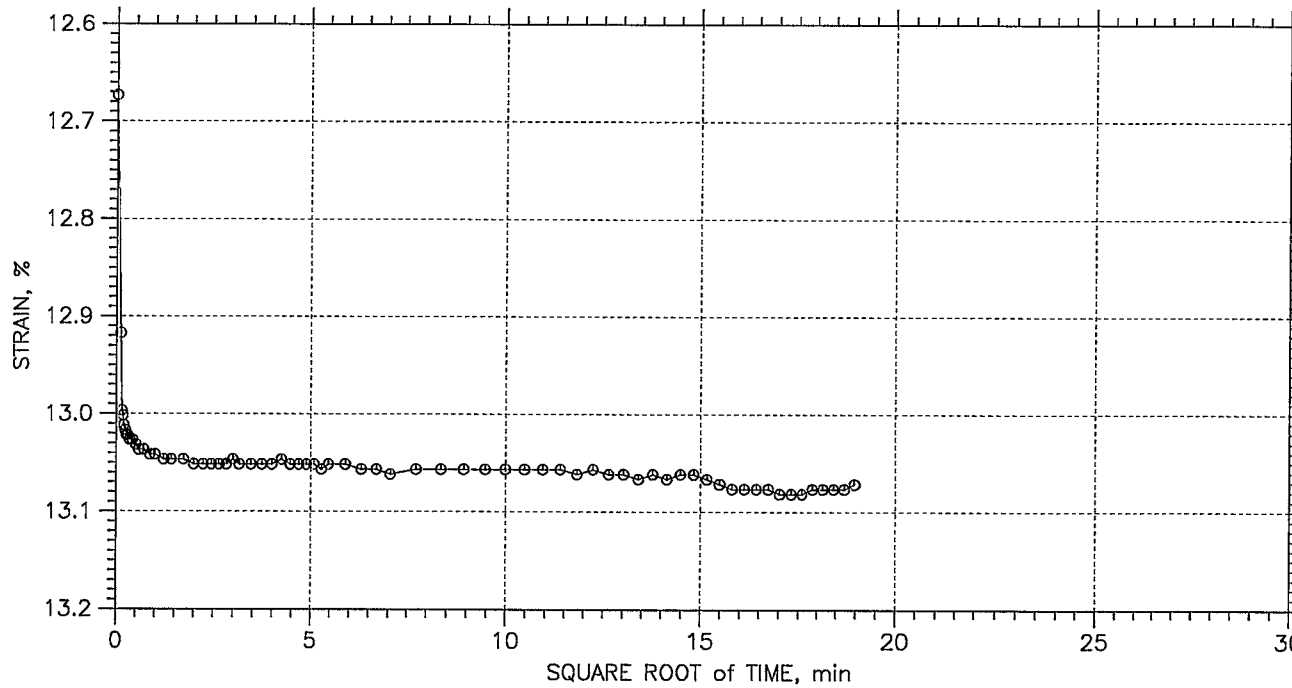
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

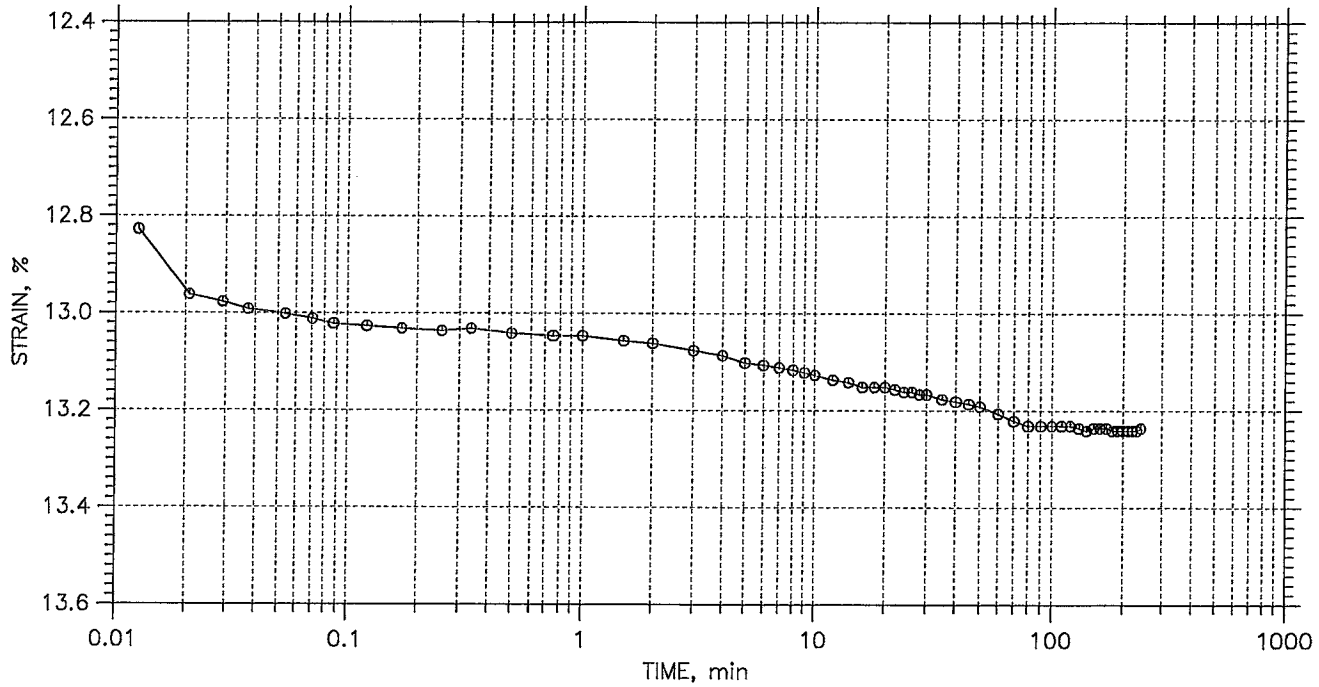
Thu, 19-APR-2007 16:11:28

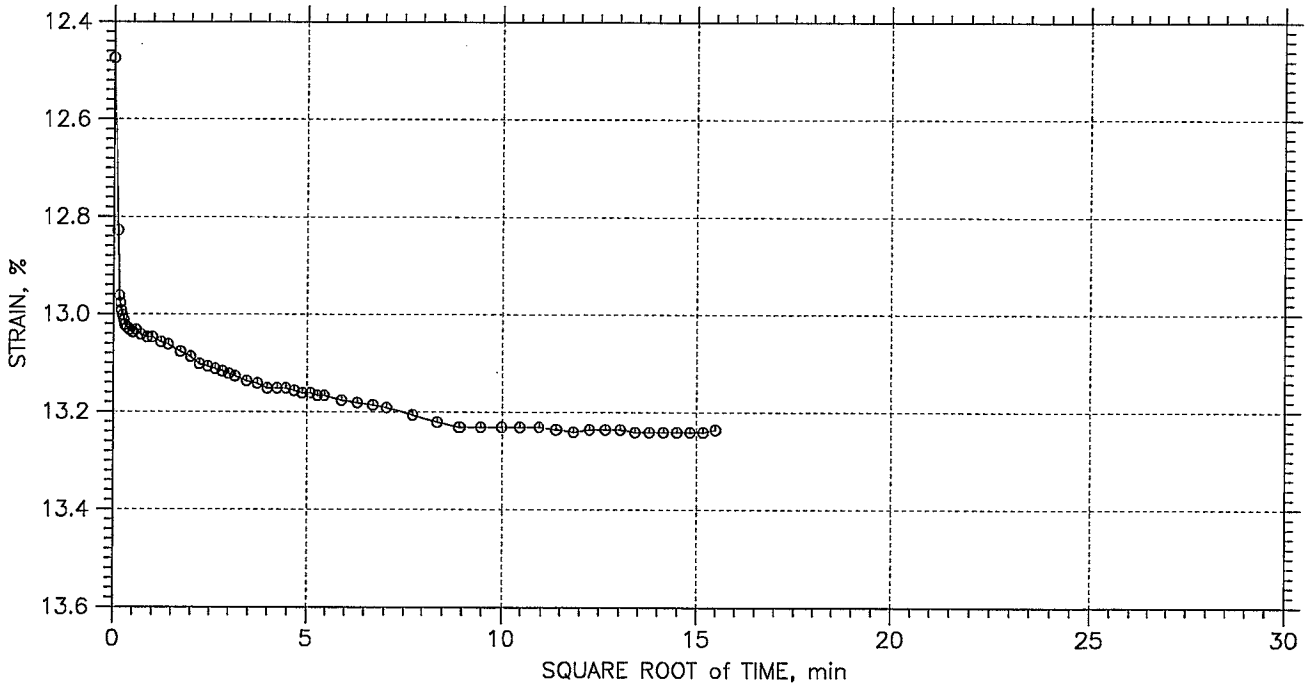
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



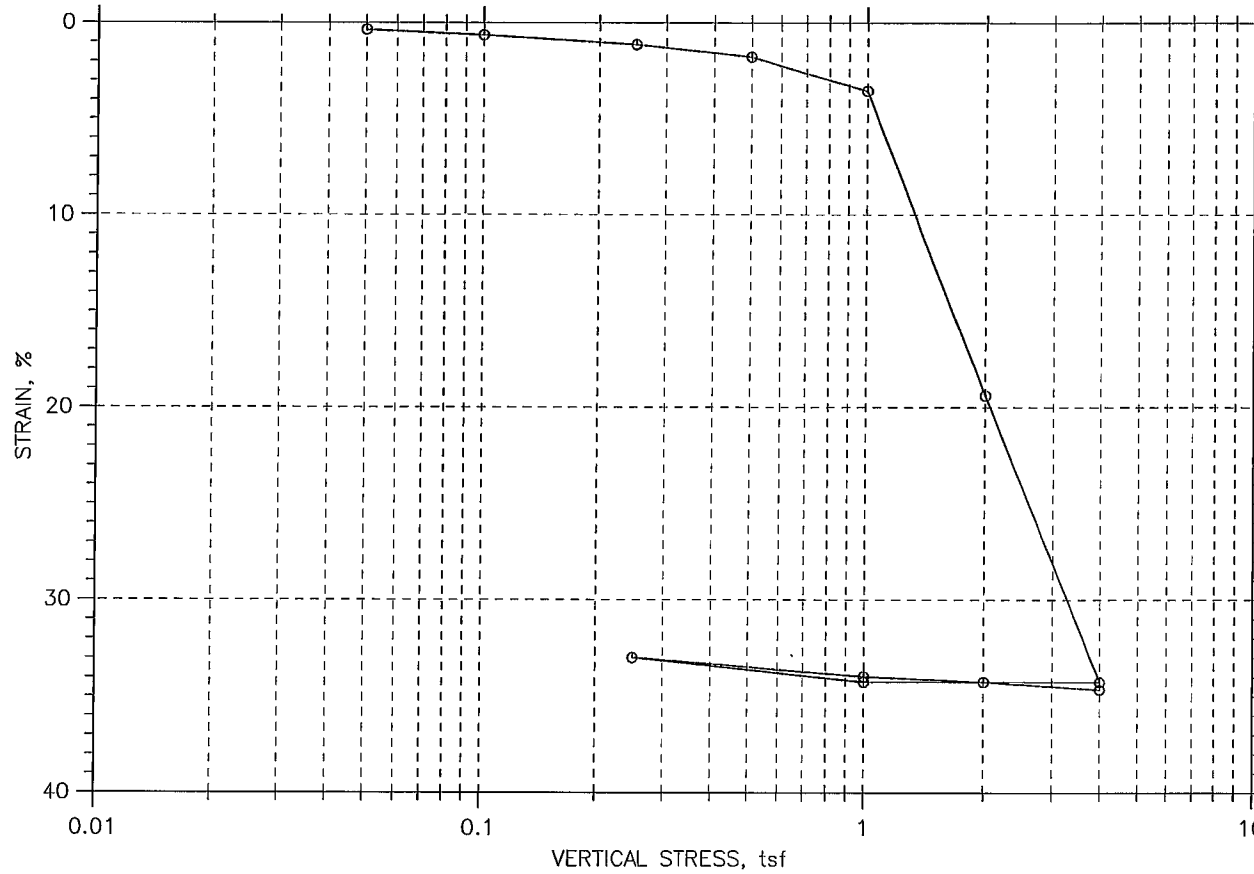


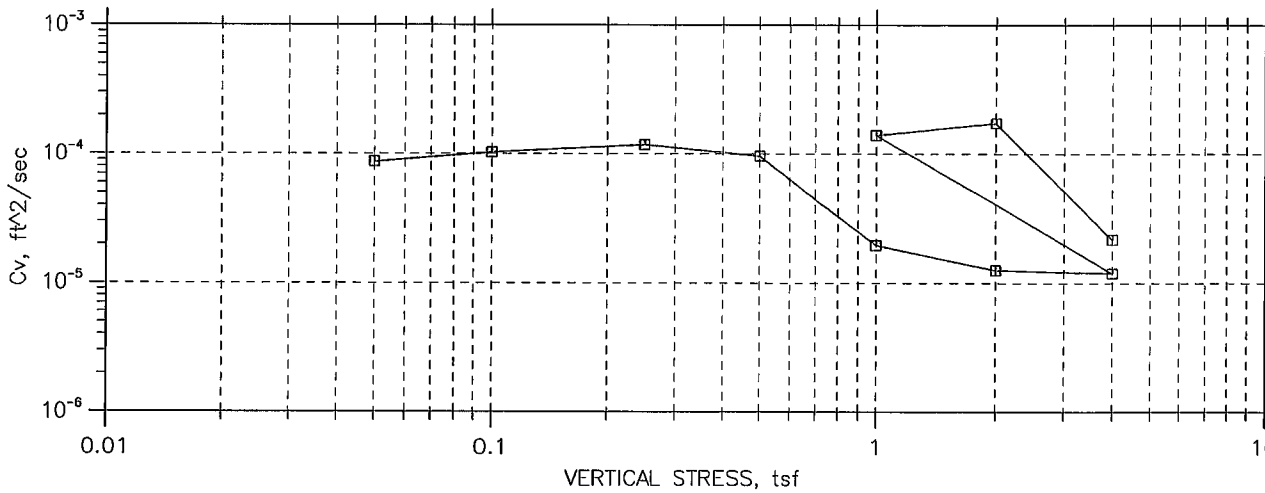
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-01	Tested By: md	Checked By: jdt
	Sample No.: 0297-05	Test Date: 04/09/07	Depth: 28-30 ft
	Test No.: C-19	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray sandy silt with gravel		
	Remarks: System R		

Thu, 19-APR-2007 16:11:29

CONSOLIDATION TEST DATA

SUMMARY REPORT



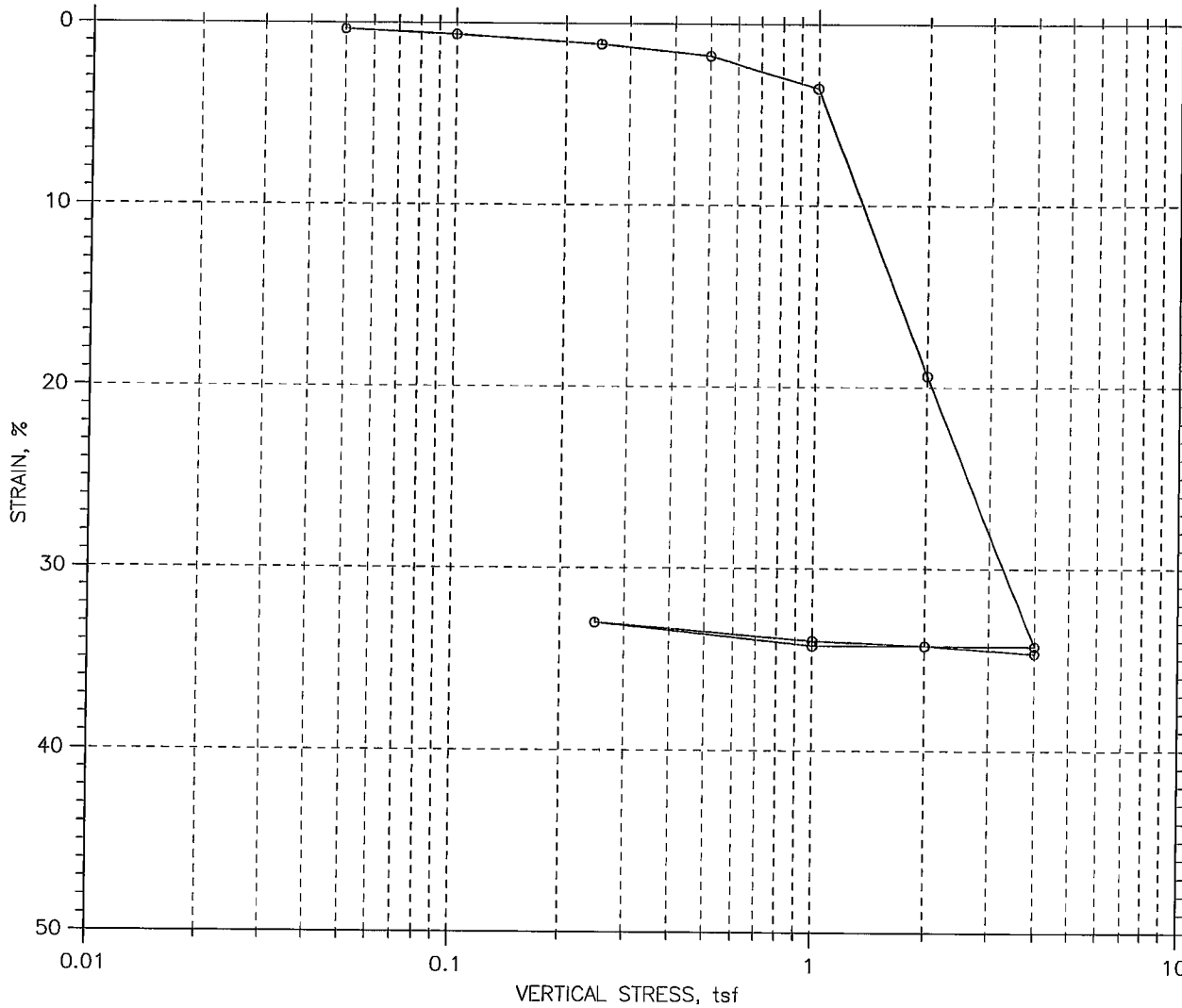


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

Mon, 09-APR-2007 11:35:48

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	366.29	237.70
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	14.87	22.76
Compression Index: ---				Saturation, %	95.60	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	10.46	6.49
LL: 181	PL: 131	PI: 50	GS: 2.73			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

Mon, 09-APR-2007 11:35:50

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-03
Sample No.: 0297-13
Test No.: C-4

Location: Syracuse, NY
Tested By: md
Test Date: 02/13/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 4-6 ft
Elevation: ---

Soil Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt
Remarks: System Q

Measured Specific Gravity: 2.73
Initial Void Ratio: 10.46
Final Void Ratio: 6.49

Liquid Limit: 181
Plastic Limit: 131
Plasticity Index: 50

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2504	RING		2470
Wt. Container + Wet Soil, gm	130.85	306.18	281.54	73.48
Wt. Container + Dry Soil, gm	34.58	235.99	235.99	27.58
Wt. Container, gm	8.22	216.83	216.83	8.27
Wt. Dry Soil, gm	26.36	19.162	19.162	19.31
Water Content, %	365.21	366.29	237.70	237.70
Void Ratio	---	10.46	6.49	---
Degree of Saturation, %	---	95.60	100.00	---
Dry Unit Weight, pcf	---	14.871	22.756	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-03
Sample No.: 0297-13
Test No.: C-4

Location: Syracuse, NY
Tested By: md
Test Date: 02/13/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 4-6 ft
Elevation: ---

Soil Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt
Remarks: System Q

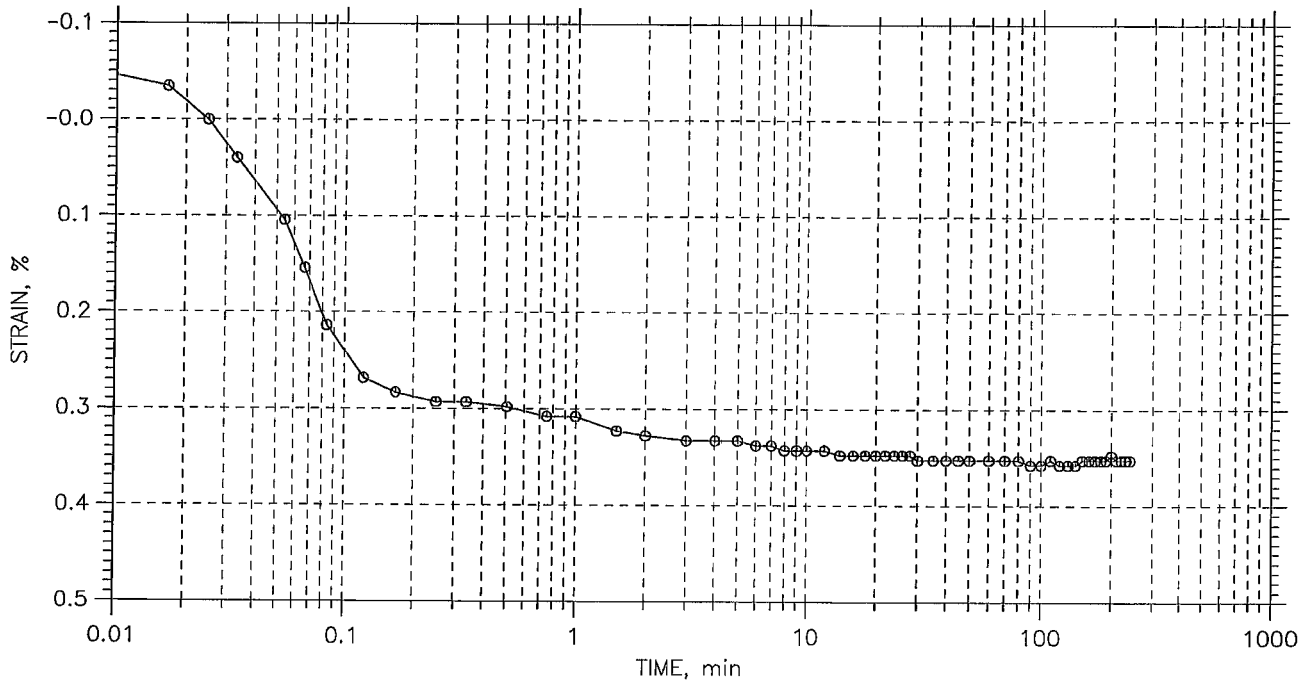
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.003526	10.420	0.35	0.1	0.0	8.69e-005	0.00e+000	8.69e-005
2	0.1	0.006352	10.387	0.64	0.1	0.0	1.03e-004	0.00e+000	1.03e-004
3	0.25	0.01136	10.330	1.14	0.0	0.0	1.18e-004	0.00e+000	1.18e-004
4	0.5	0.01771	10.257	1.77	0.1	0.0	7.08e-005	1.49e-004	9.61e-005
5	1	0.03543	10.054	3.54	0.5	0.1	1.16e-005	6.21e-005	1.96e-005
6	2	0.1938	8.239	19.38	0.4	0.3	1.21e-005	1.31e-005	1.26e-005
7	4	0.3426	6.534	34.26	0.3	0.2	1.12e-005	1.27e-005	1.19e-005
8	1	0.3425	6.535	34.25	0.0	0.0	1.48e-004	0.00e+000	1.48e-004
9	0.25	0.33	6.679	33.00	0.3	0.0	9.94e-006	0.00e+000	9.94e-006
10	1	0.3397	6.567	33.97	0.0	0.0	1.40e-004	0.00e+000	1.40e-004
11	2	0.3425	6.535	34.25	0.0	0.0	1.73e-004	0.00e+000	1.73e-004
12	4	0.3465	6.489	34.65	0.1	0.0	2.17e-005	0.00e+000	2.17e-005

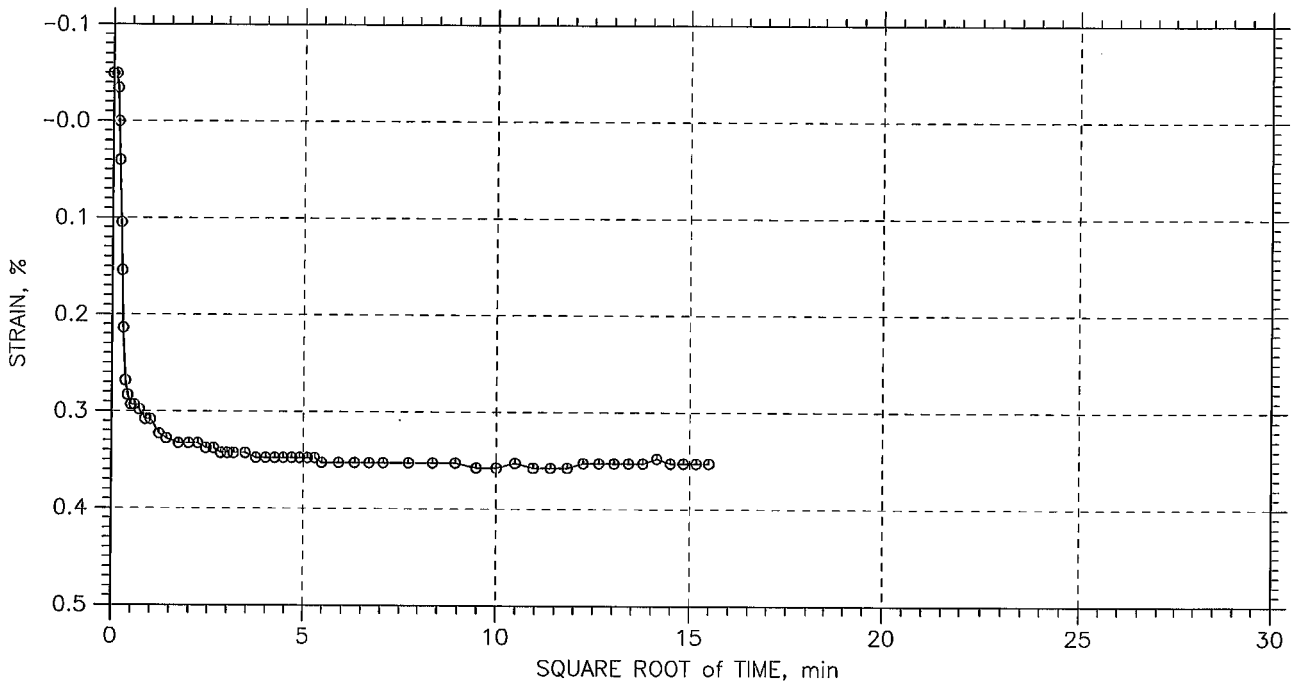
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

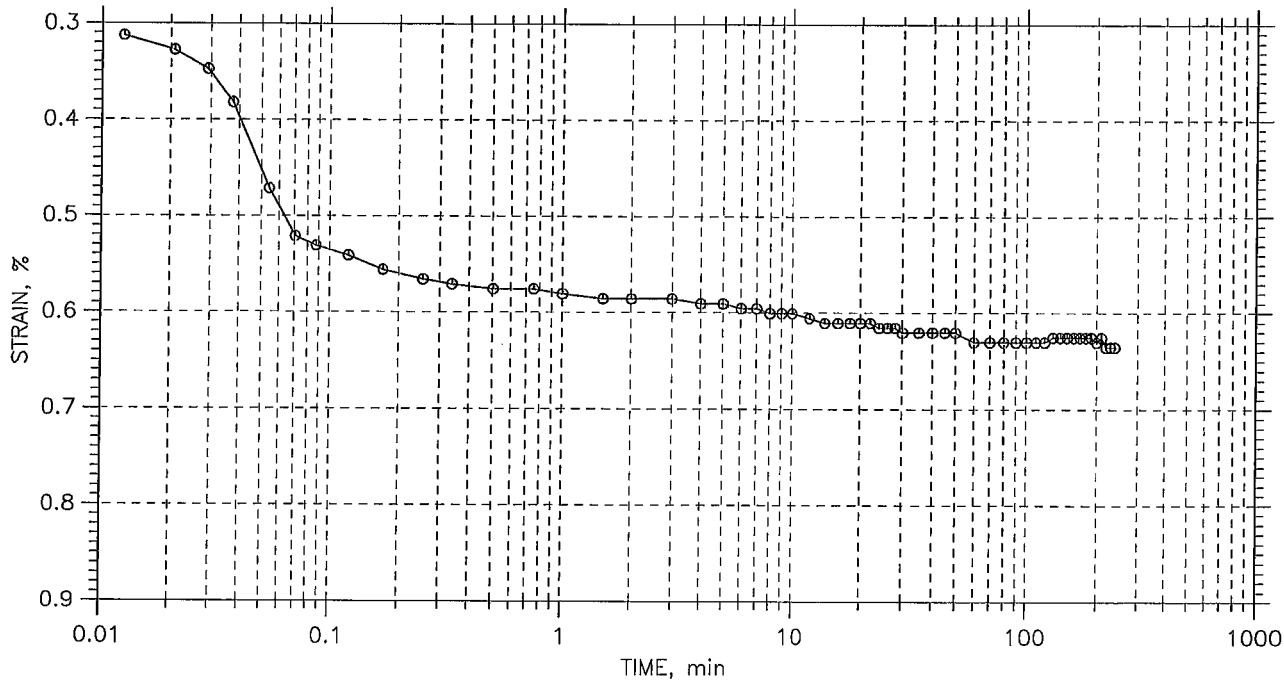
Mon, 09-APR-2007 11:35:53

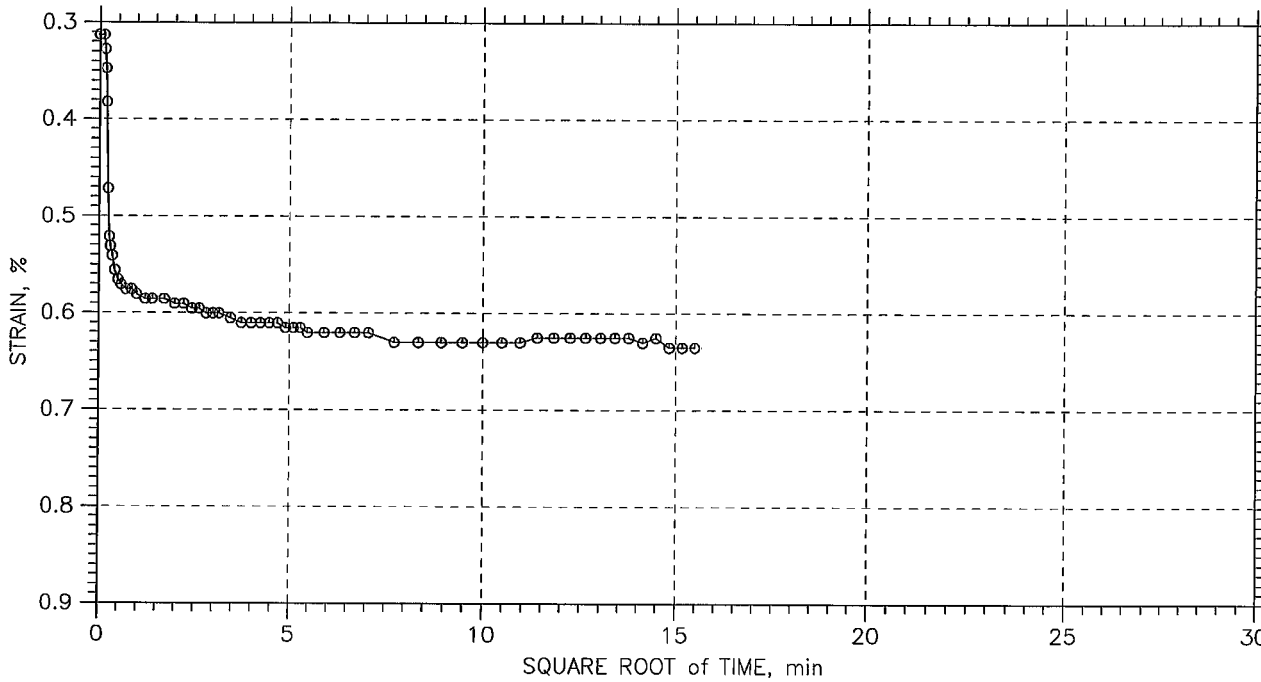
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

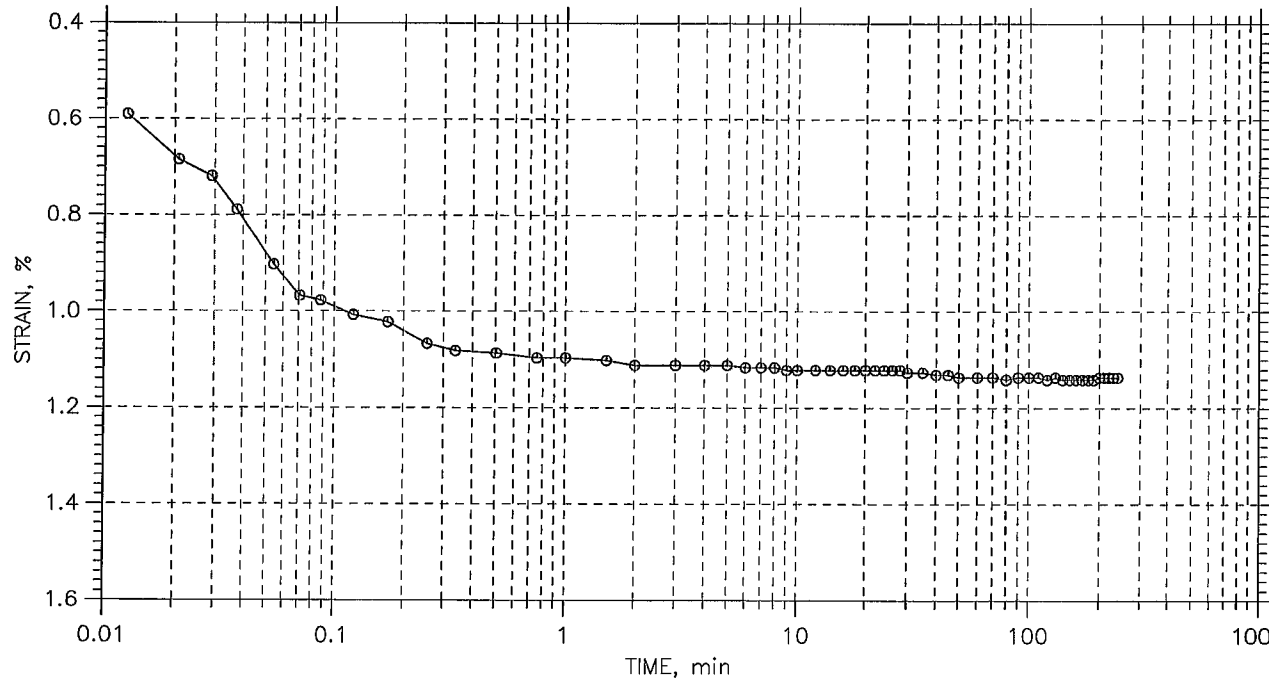
Mon, 09-APR-2007 11:35:56

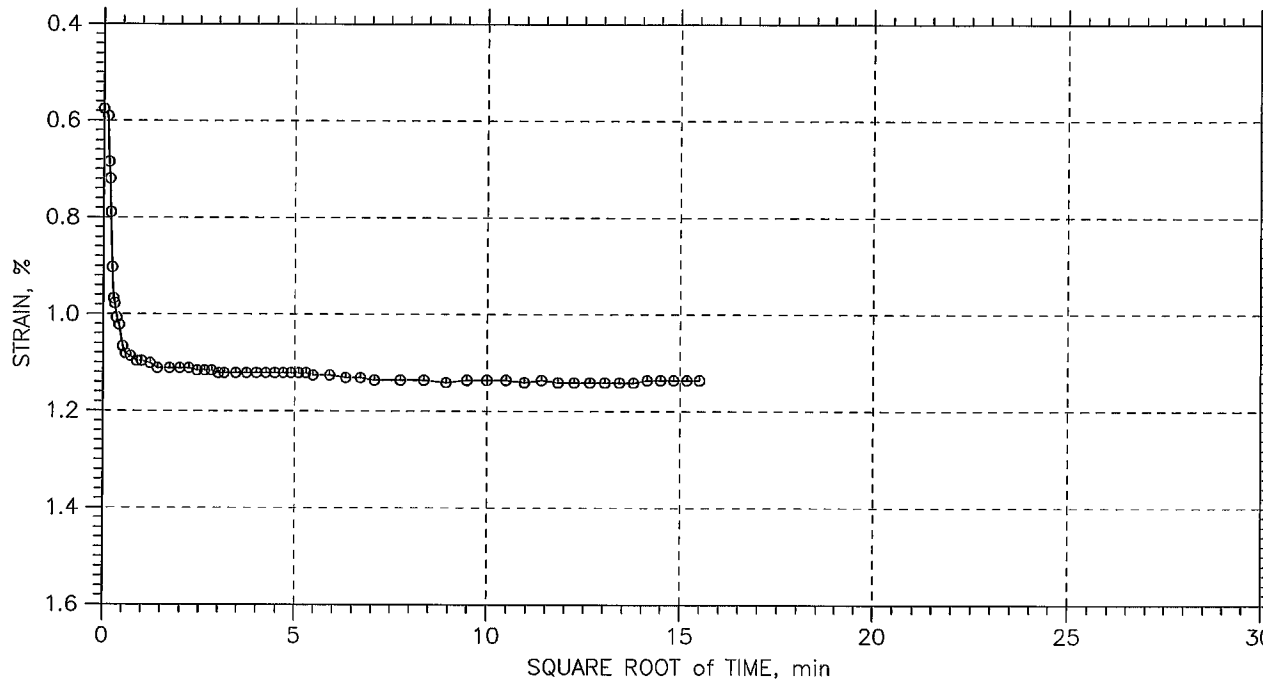
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

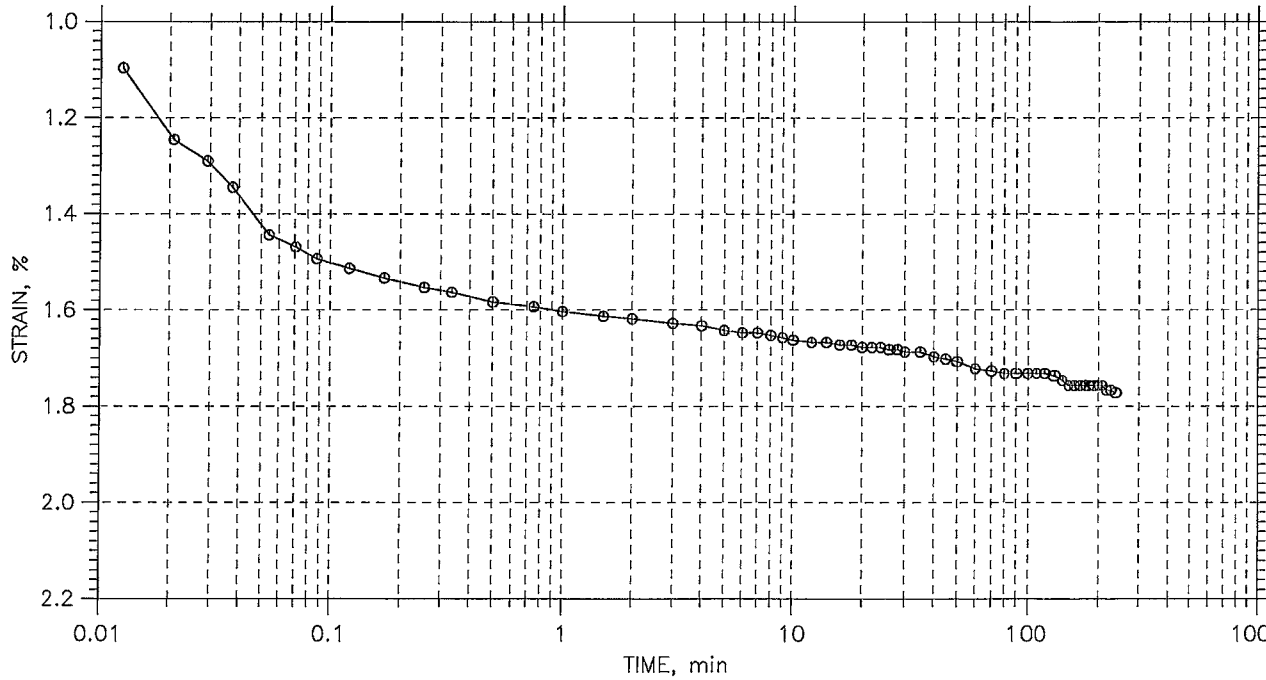
Mon, 09-APR-2007 11:35:58

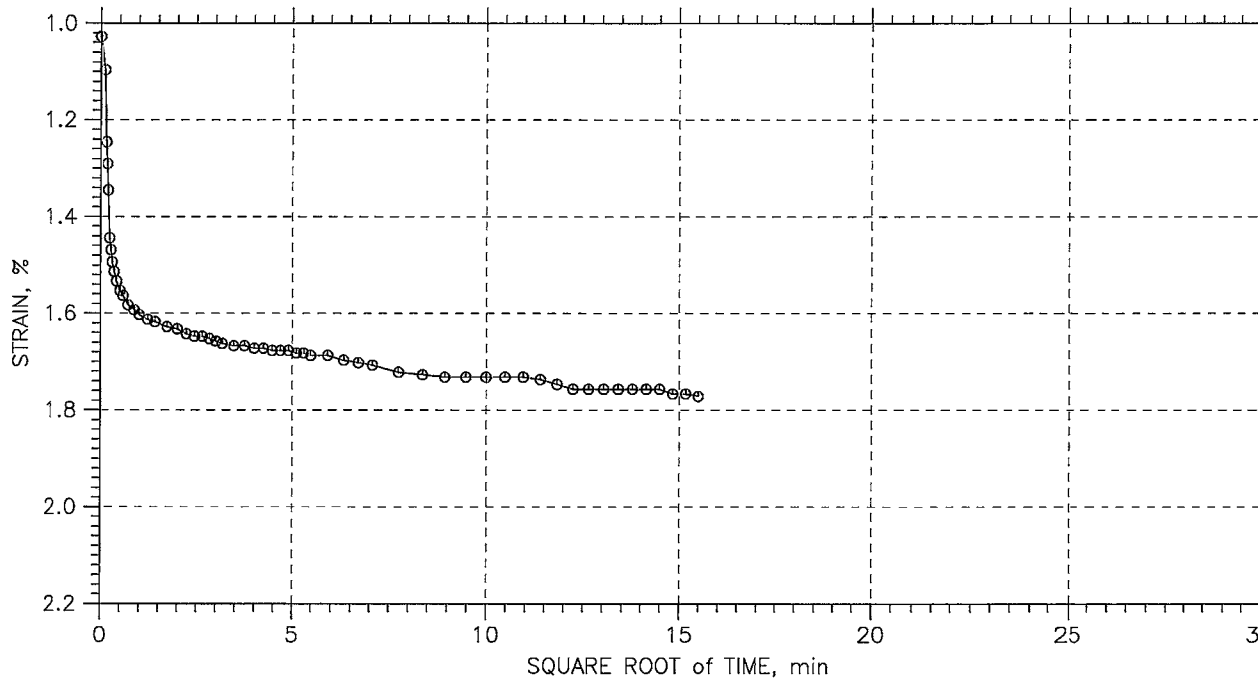
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

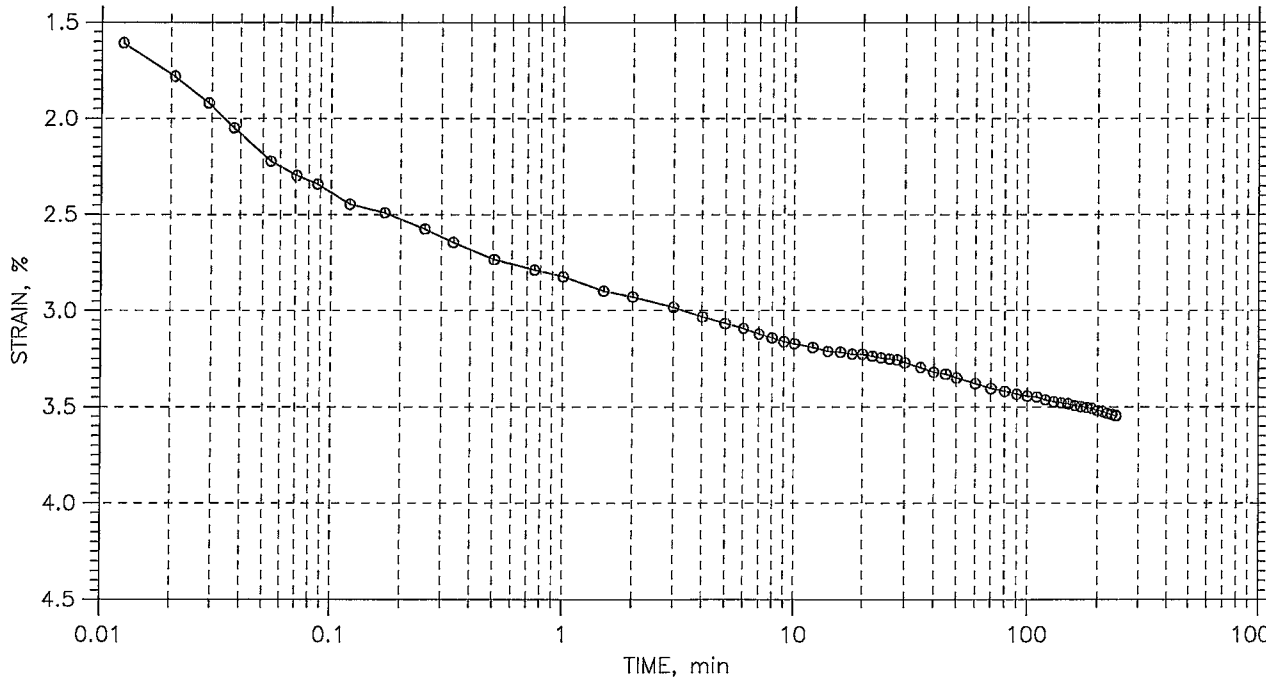
Mon, 09-APR-2007 11:36:00

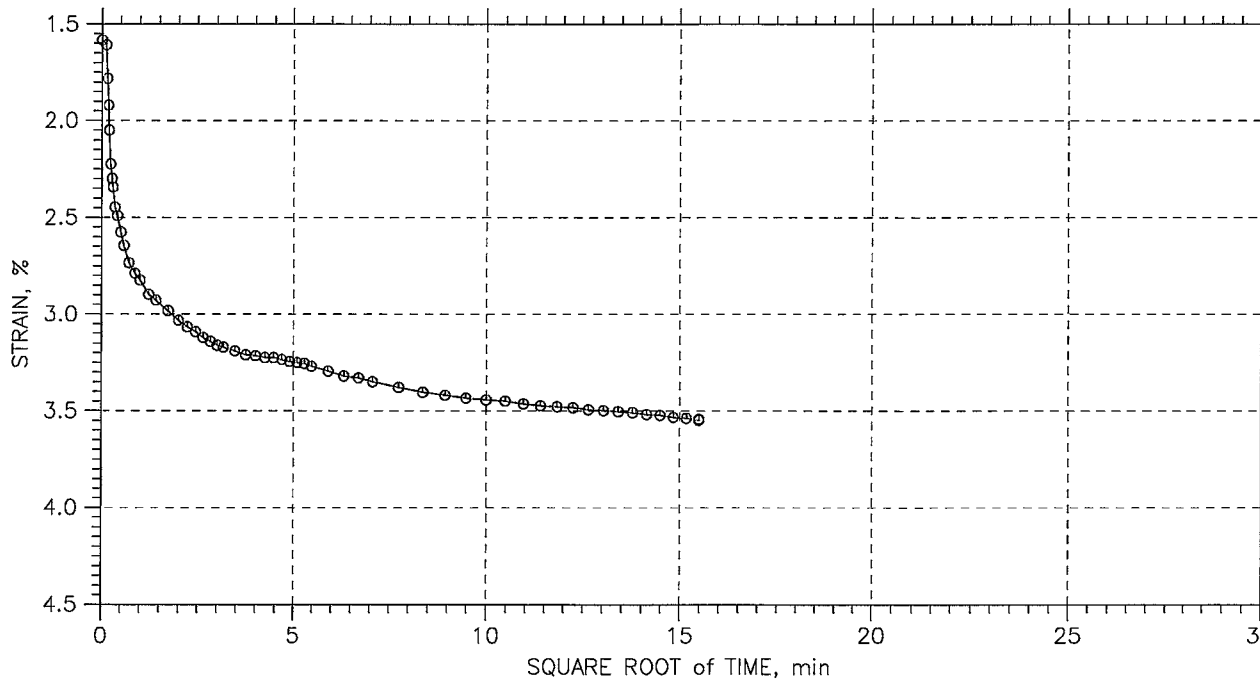
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

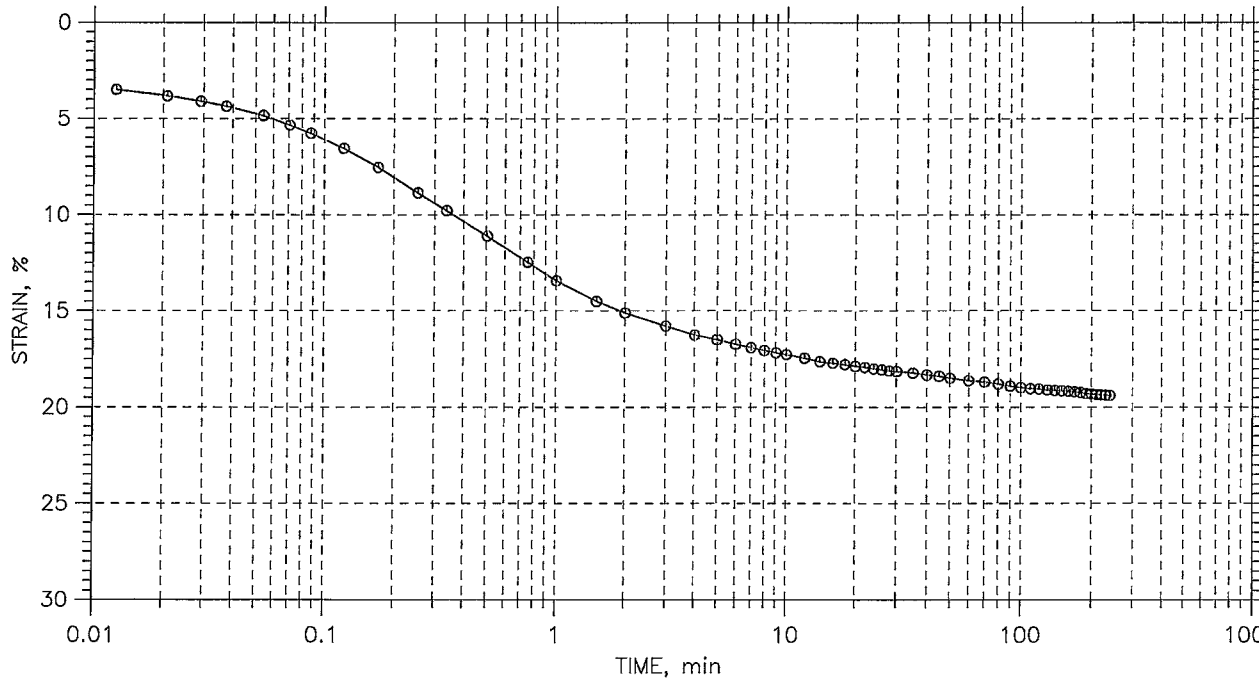
Mon, 09-APR-2007 11:36:04

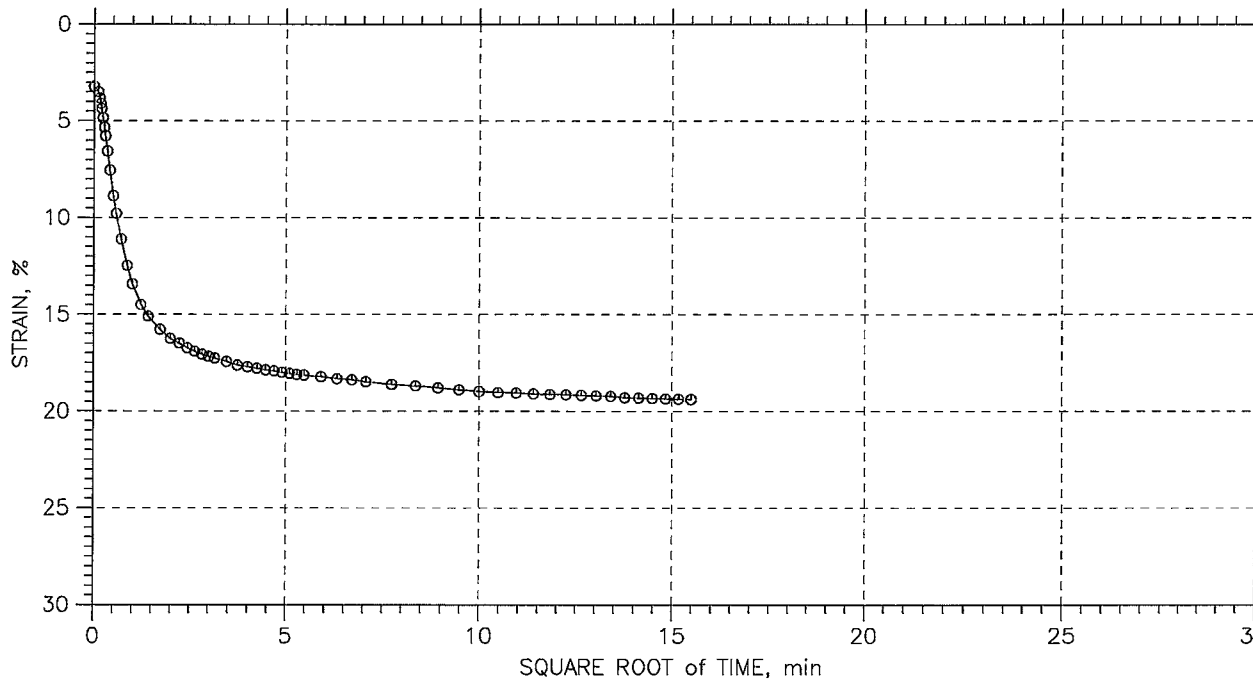
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

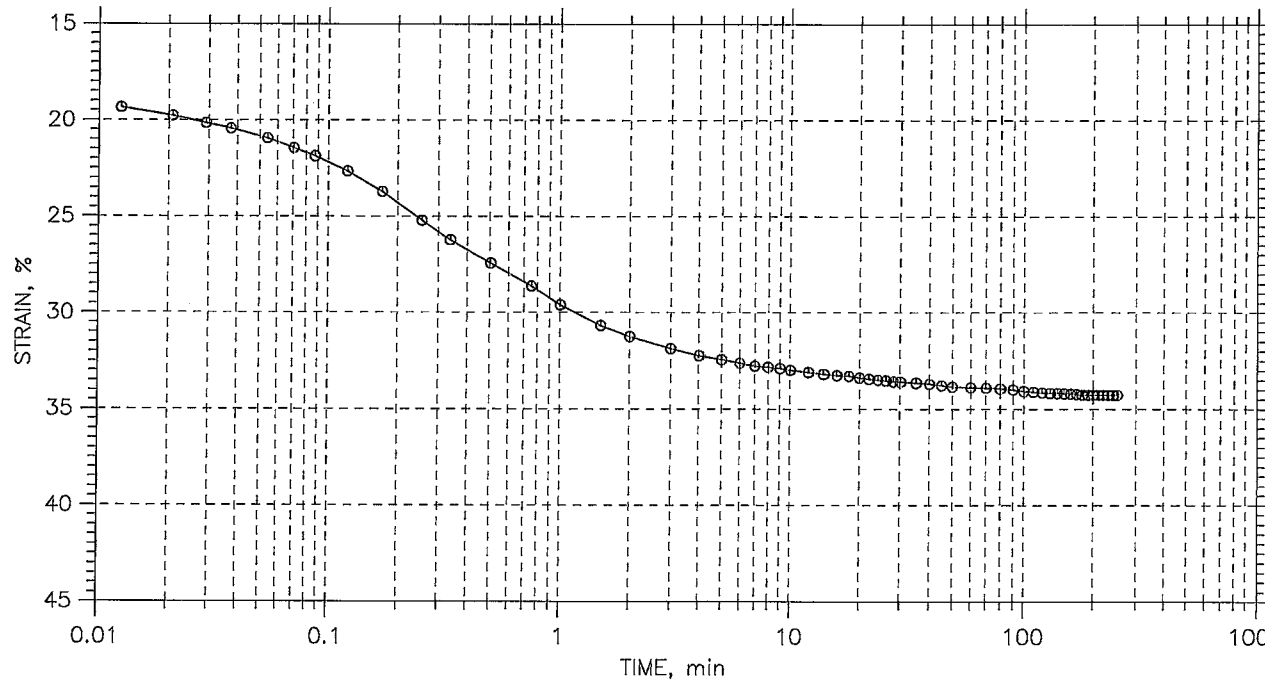
Mon, 09-APR-2007 11:36:06

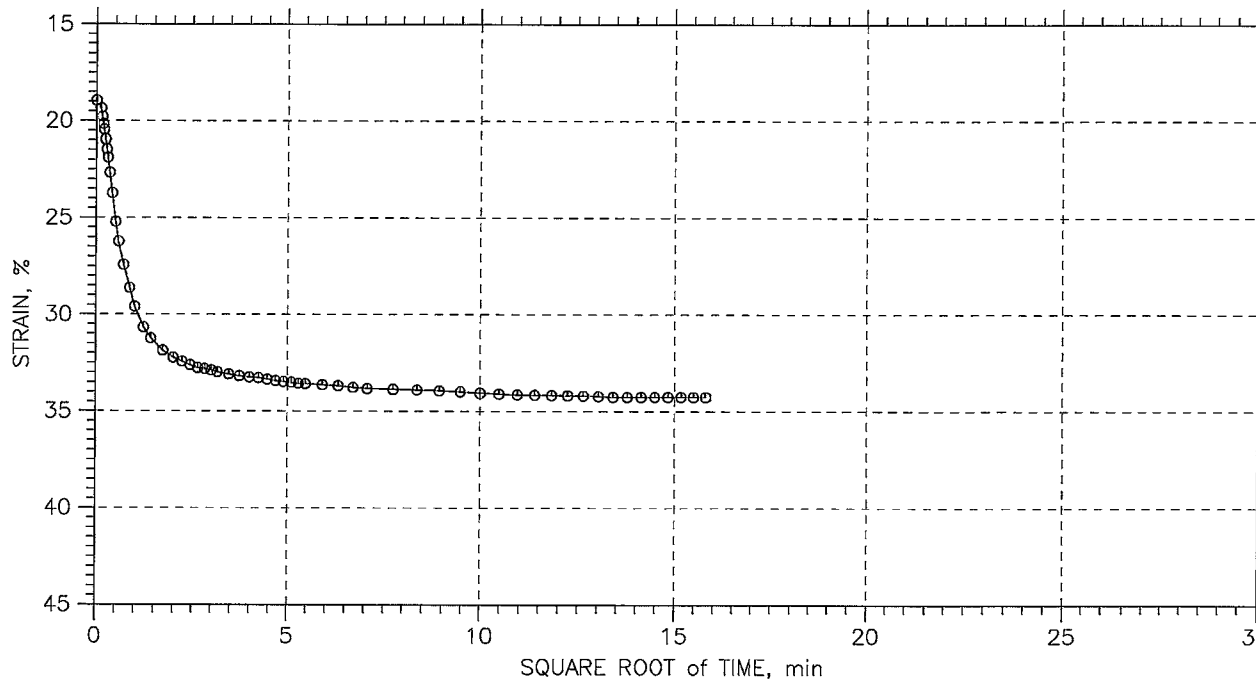
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

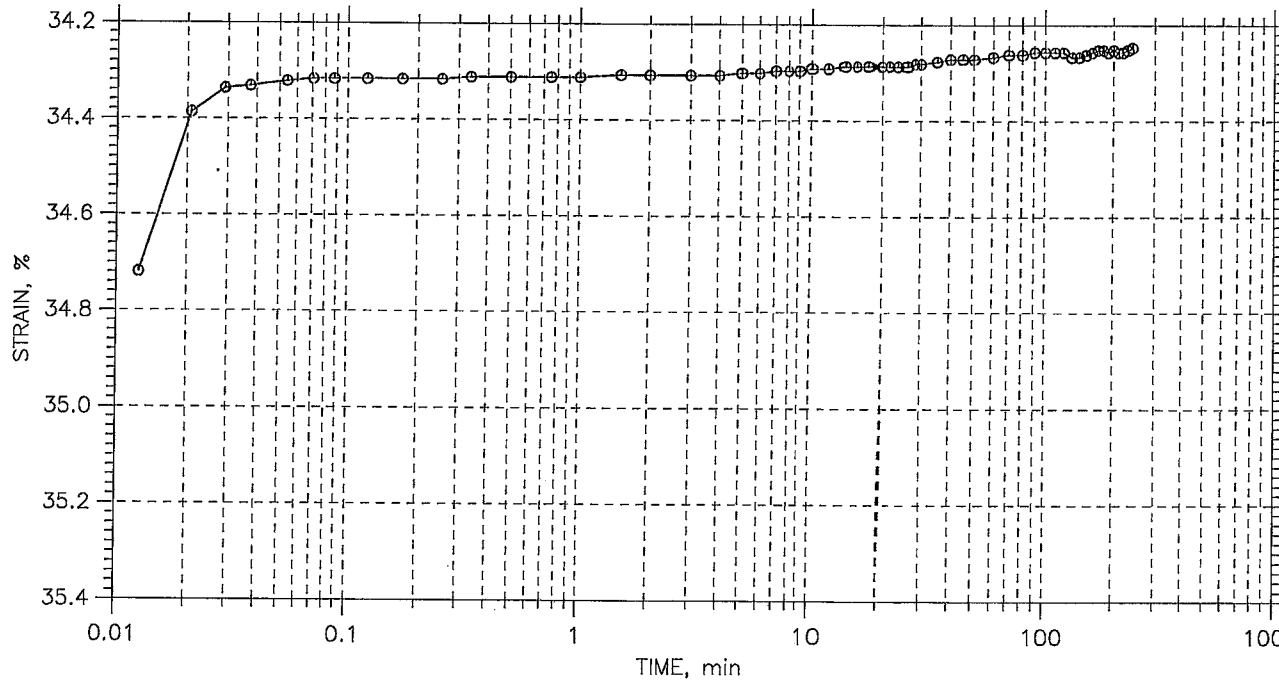
Mon, 09-APR-2007 11:36:08

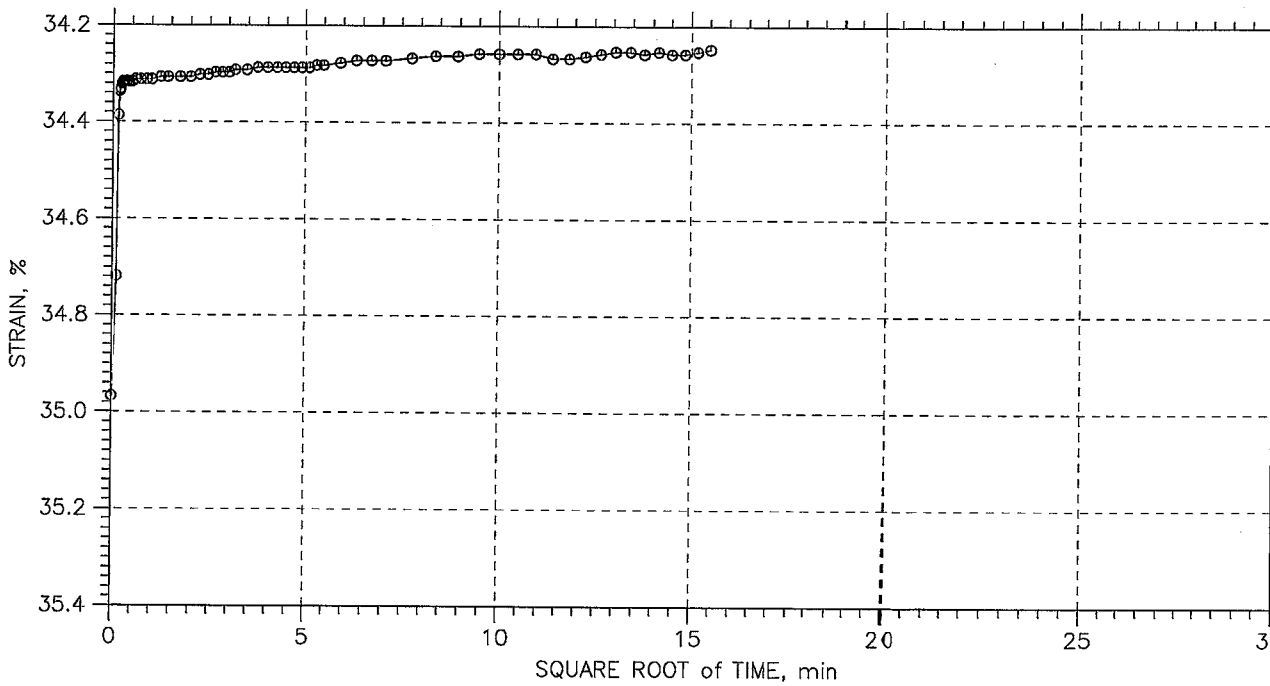
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

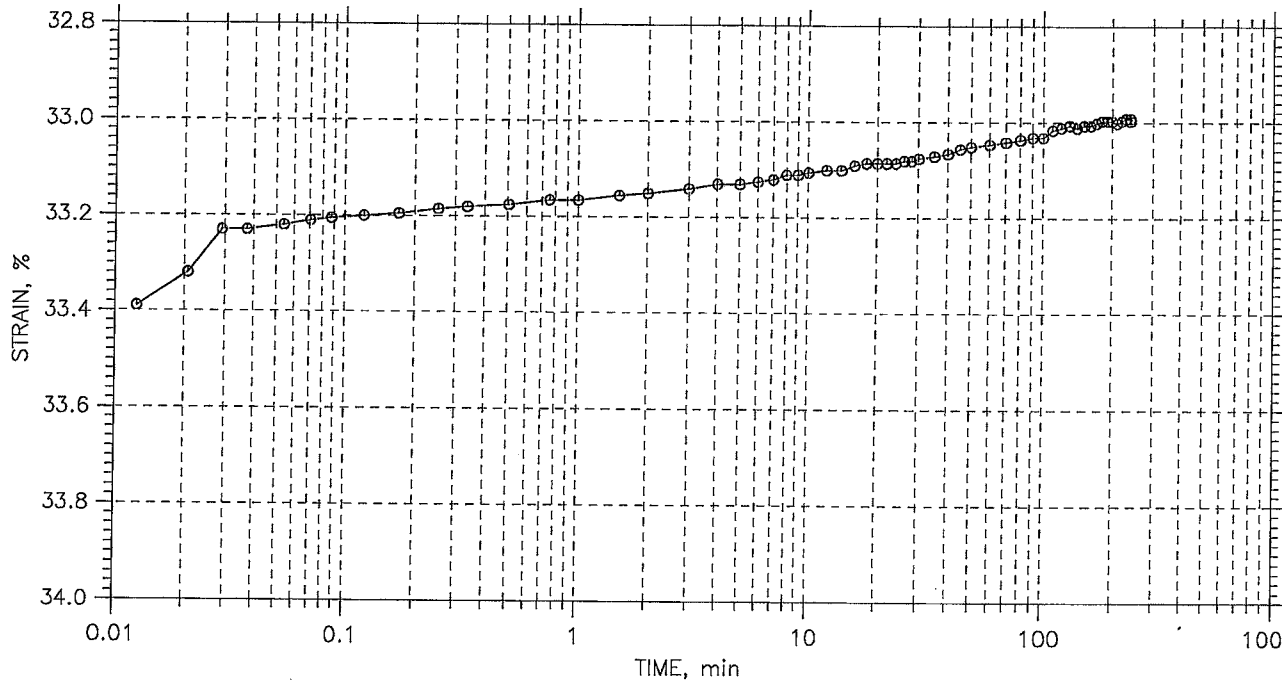
Mon, 09-APR-2007 11:36:11

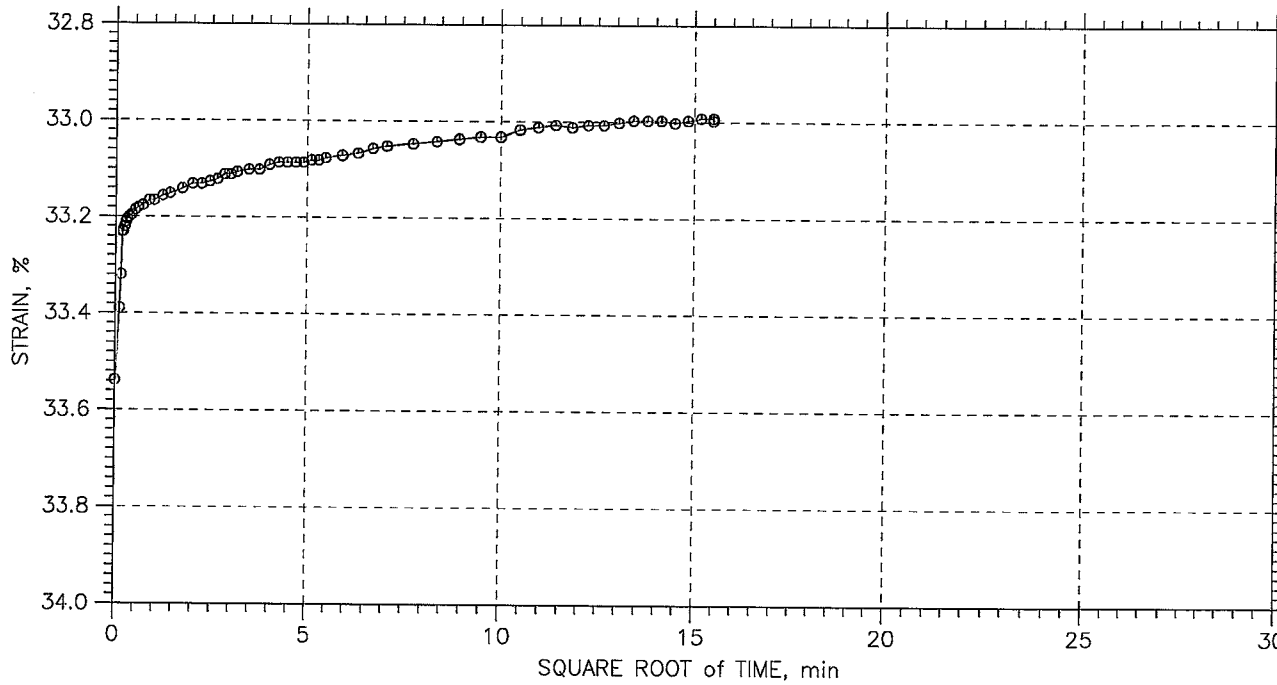
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

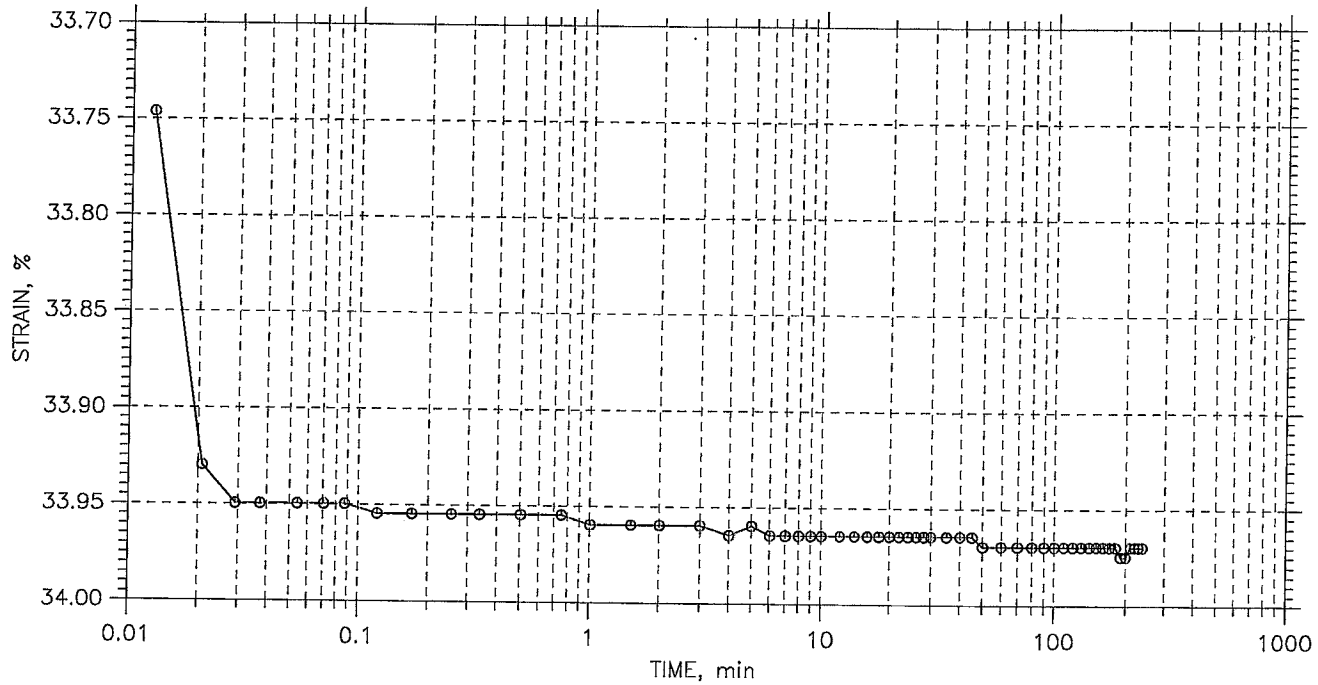
Mon, 09-APR-2007 11:36:14

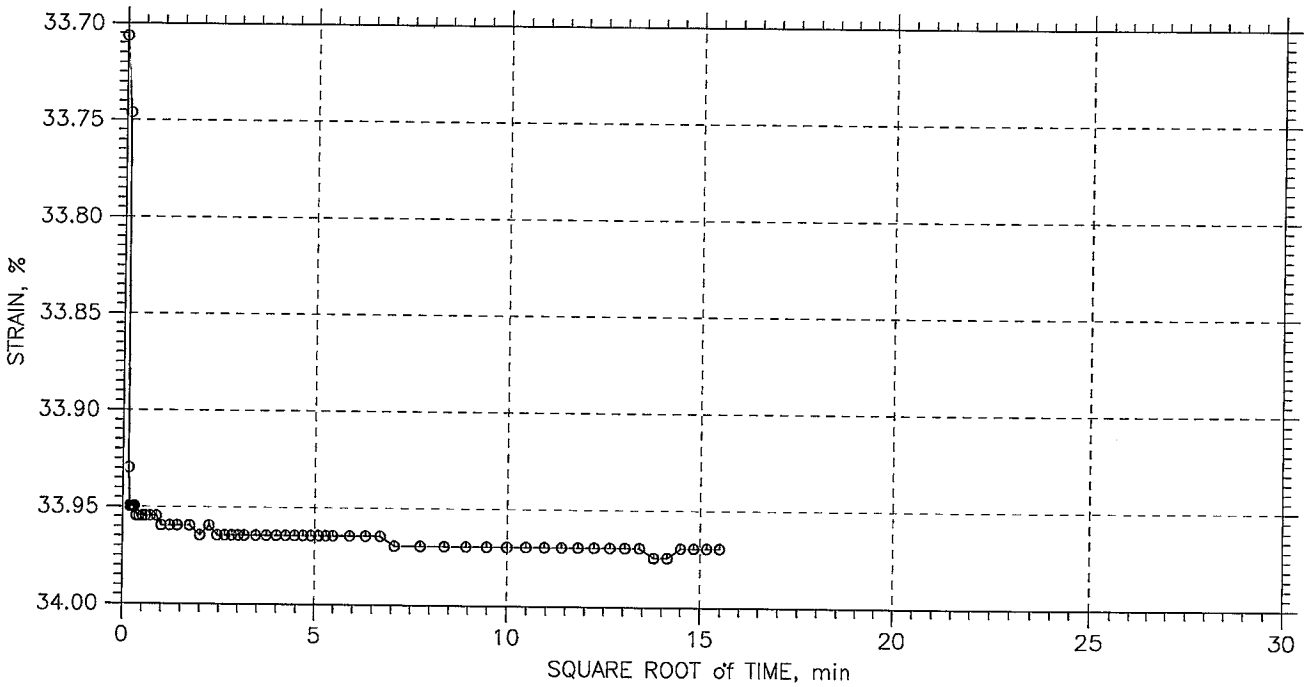
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

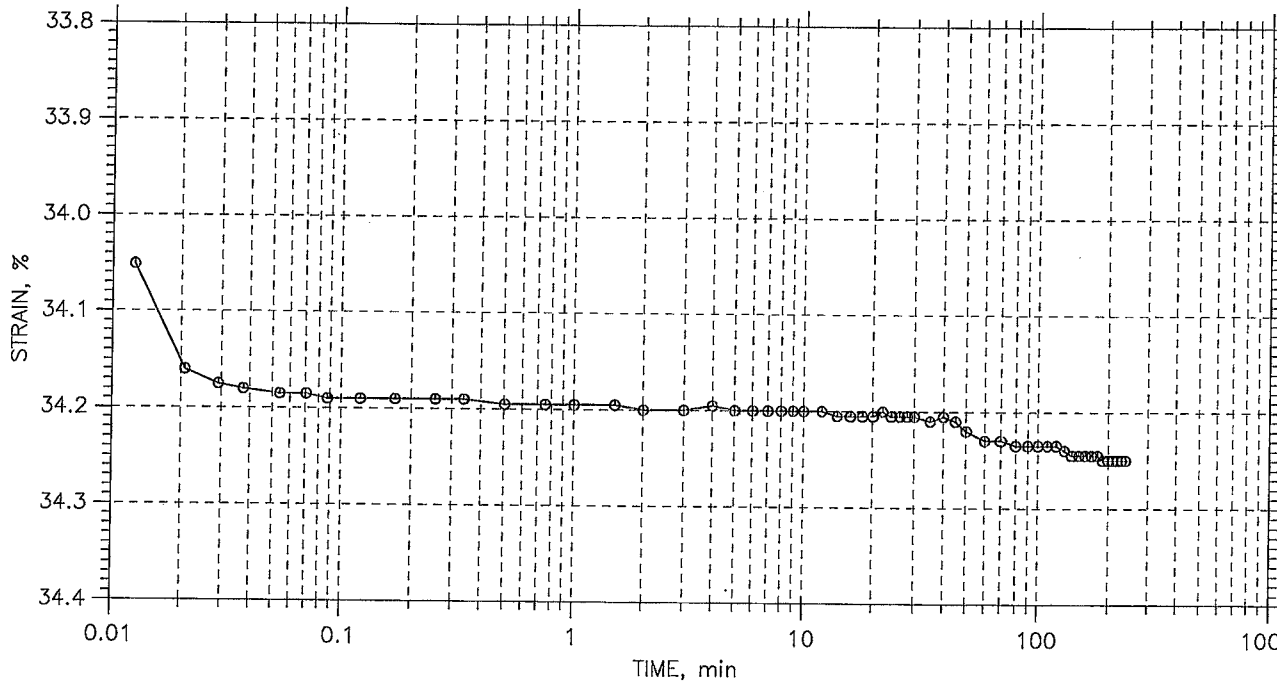
Mon, 09-APR-2007 11:36:16

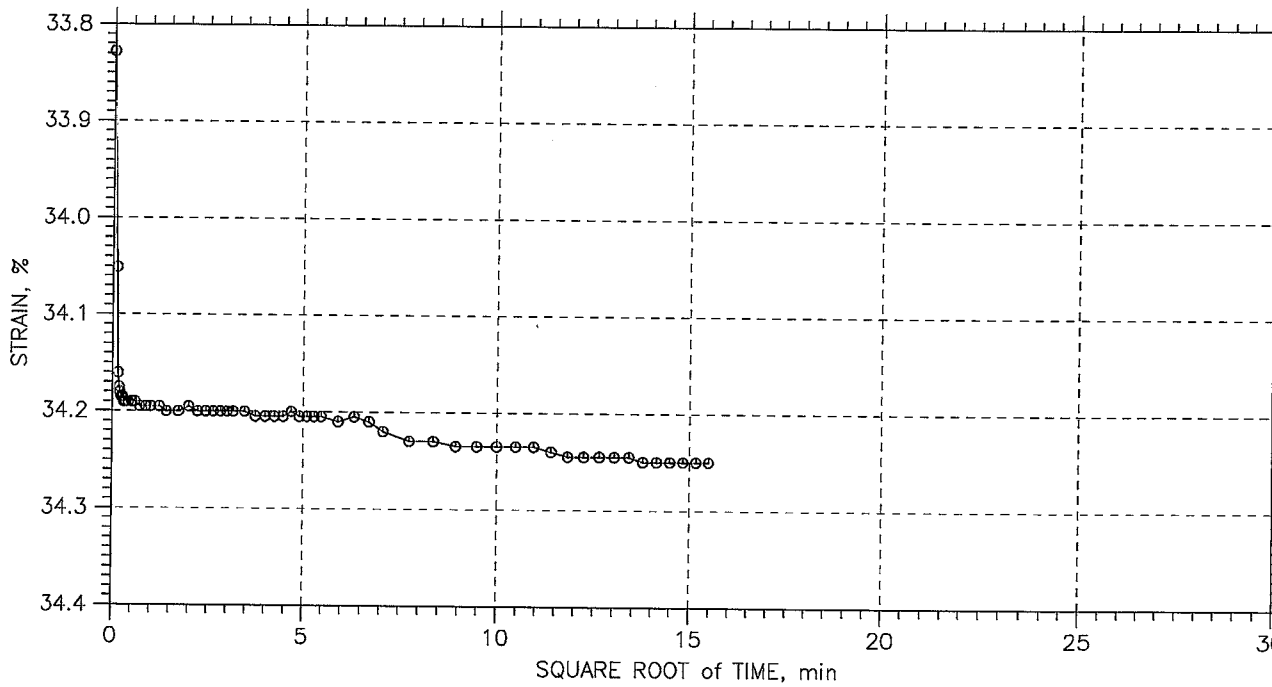
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

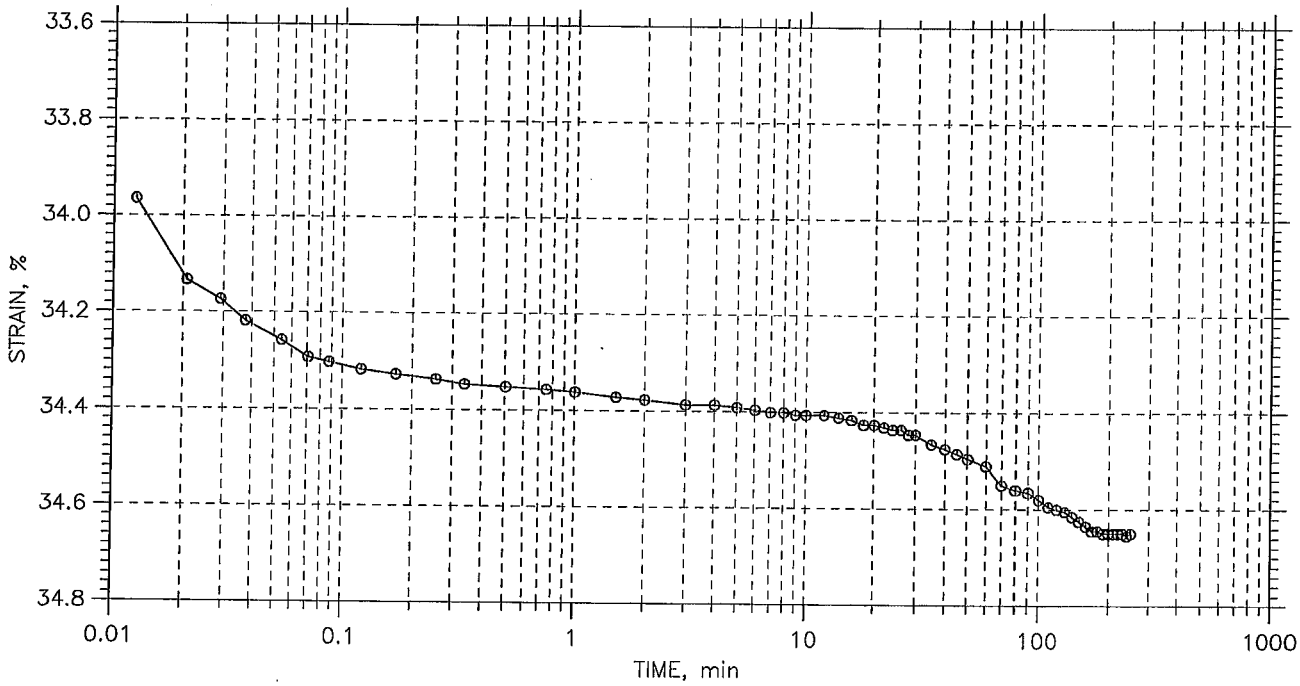
Mon, 09-APR-2007 11:36:19

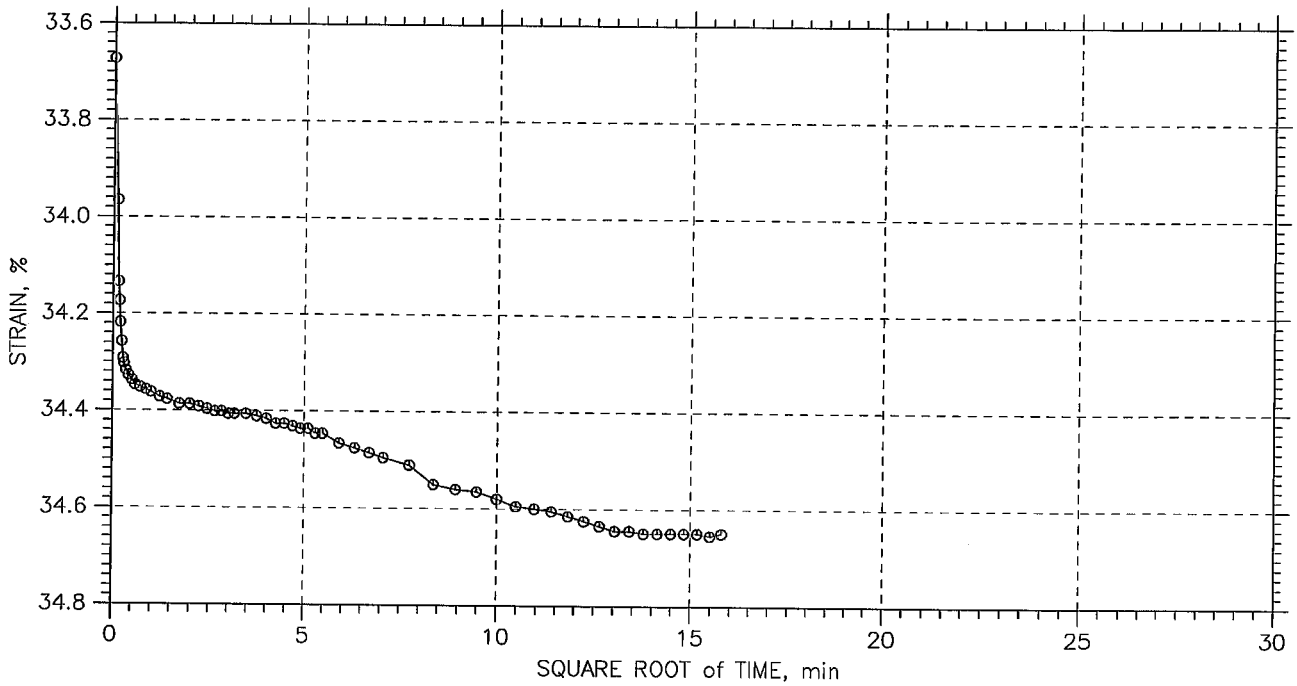
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



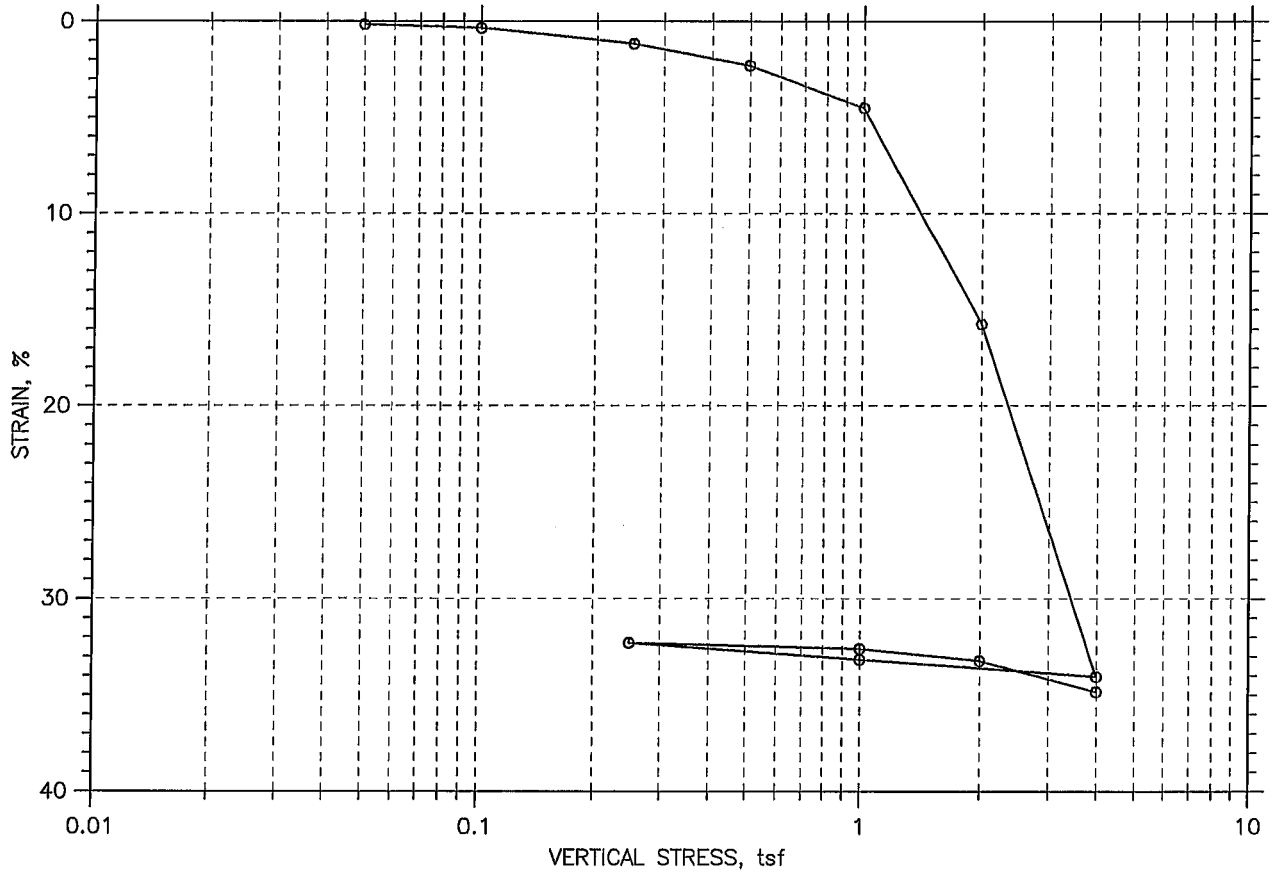


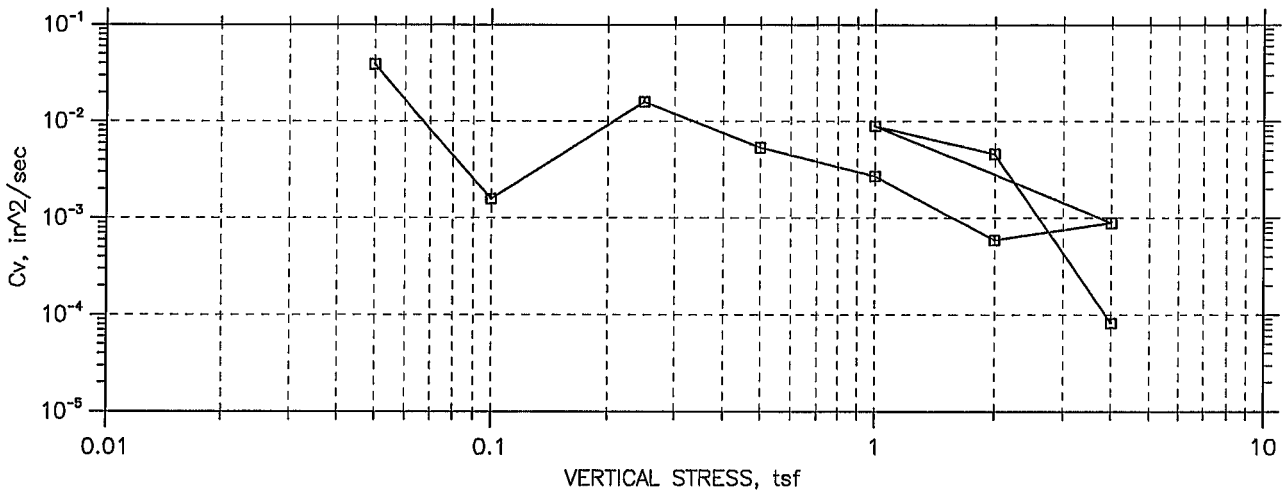
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-13	Test Date: 02/13/07	Depth: 4-6 ft
	Test No.: C-4	Sample Type: tube	Elevation: ---
	Description: Moist, mottled pale yellow, bluish gray and light bluish gray silt		
	Remarks: System Q		

Mon, 09-APR-2007 11:36:21

CONSOLIDATION TEST DATA

SUMMARY REPORT



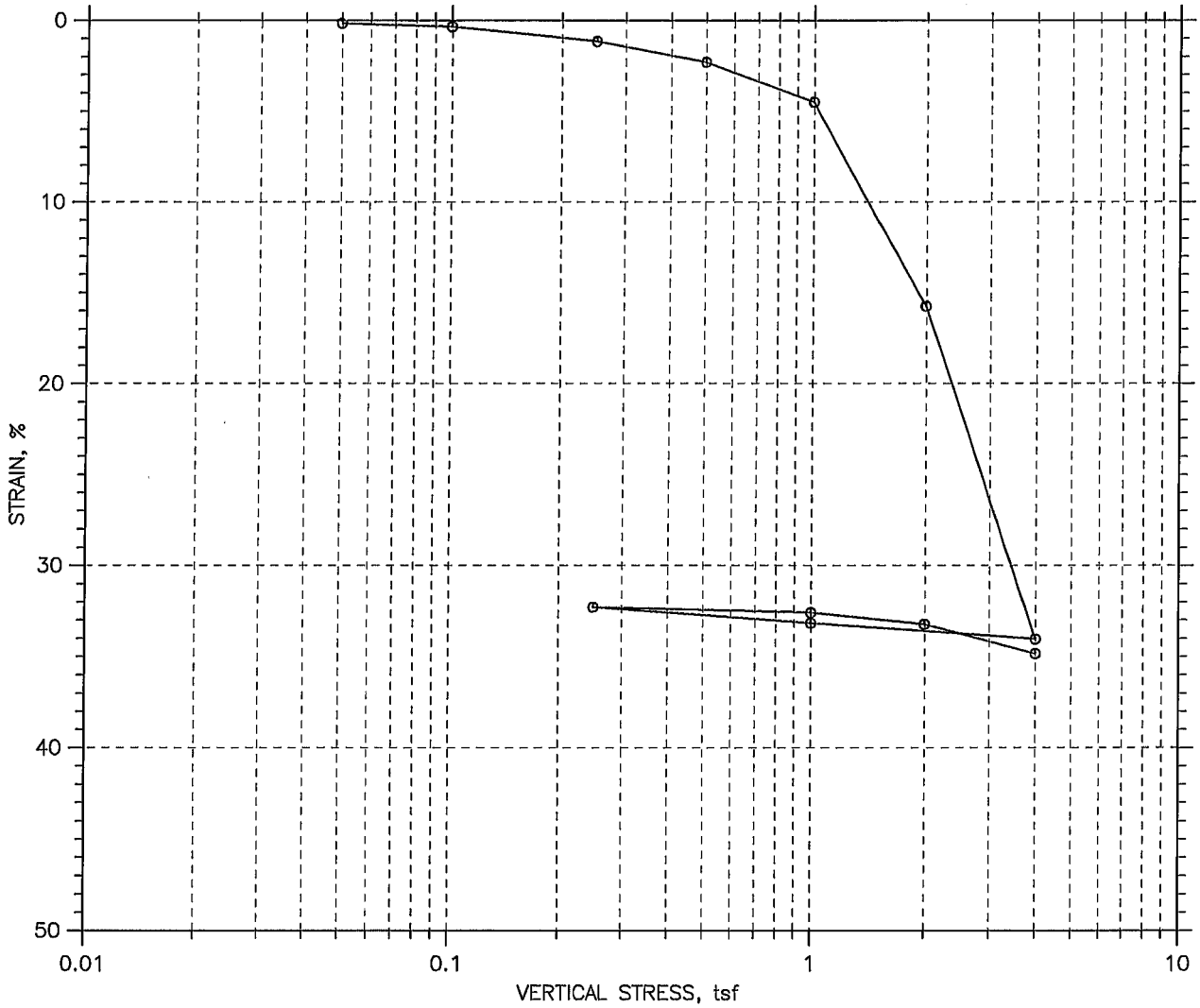


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

Wed, 16-MAY-2007 09:10:57

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	394.41	248.72
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	14.07	21.59
Compression Index: ---				Saturation, %	97.49	99.51
Diameter: 2.5 in		Height: 1 in		Void Ratio	10.32	6.37
LL: 227	PL: 159	PI: 68	GS: 2.55			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

Wed, 16-MAY-2007 09:10:57

CONSOLIDATION TEST DATA

Project: Onandaga
Boring No.: SB-13-03
Sample No.: 0297-15
Test No.: C123

Location: Syracuse, NY
Tested By: md
Test Date: 04/25/2007
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 32-34 ft
Elevation: ---

Soil Description: Moist, mottled light bluish gray and white silt
Remarks: System C

Measured Specific Gravity: 2.55
Initial Void Ratio: 10.32
Final Void Ratio: 6.37

Liquid Limit: 227
Plastic Limit: 159
Plasticity Index: 68

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Ladytron	RING		
Wt. Container + Wet Soil, gm	169.61	305.57	279.16	74.61
Wt. Container + Dry Soil, gm	46.38	234.08	234.08	27.18
Wt. Container, gm	8.37	215.95	215.95	8.11
Wt. Dry Soil, gm	38.01	18.127	18.127	19.07
Water Content, %	324.20	394.41	248.72	248.72
Void Ratio	---	10.32	6.37	---
Degree of Saturation, %	---	97.49	99.51	---
Dry Unit Weight, pcf	---	14.068	21.589	---

CONSOLIDATION TEST DATA

Project: Onandaga
Boring No.: SB-13-03
Sample No.: 0297-15
Test No.: C123

Location: Syracuse, NY
Tested By: md
Test Date: 04/25/2007
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 32-34 ft
Elevation: ---

Soil Description: Moist, mottled light bluish gray and white silt
Remarks: System C

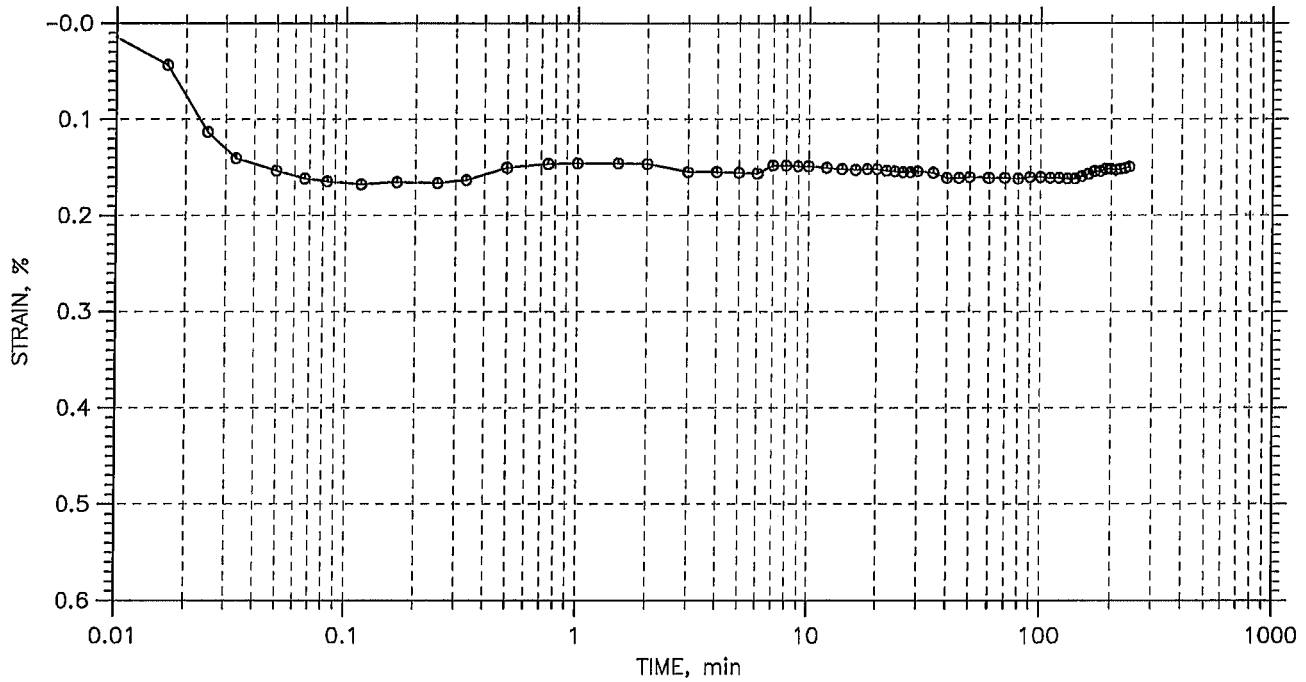
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.001493	10.299	0.15	0.0	0.0	3.91e-002	0.00e+000	3.91e-002
2	0.1	0.003384	10.278	0.34	0.5	0.0	1.58e-003	0.00e+000	1.58e-003
3	0.25	0.01154	10.186	1.15	0.1	0.0	1.02e-002	3.58e-002	1.59e-002
4	0.5	0.02297	10.056	2.30	0.3	0.0	3.05e-003	2.23e-002	5.36e-003
5	1	0.04498	9.807	4.50	0.5	0.1	1.52e-003	1.29e-002	2.72e-003
6	2	0.1574	8.535	15.74	1.7	0.5	3.87e-004	1.29e-003	5.95e-004
7	4	0.3404	6.464	34.04	0.6	0.5	8.06e-004	1.00e-003	8.94e-004
8	1	0.3316	6.564	33.16	0.1	0.0	3.30e-003	0.00e+000	3.30e-003
9	0.25	0.3229	6.662	32.29	2.4	0.0	1.55e-004	0.00e+000	1.55e-004
10	1	0.3259	6.628	32.59	0.1	0.0	5.95e-003	1.82e-002	8.97e-003
11	2	0.3323	6.556	33.23	0.1	0.0	2.78e-003	1.33e-002	4.60e-003
12	4	0.3484	6.374	34.84	4.3	0.0	8.23e-005	0.00e+000	8.23e-005

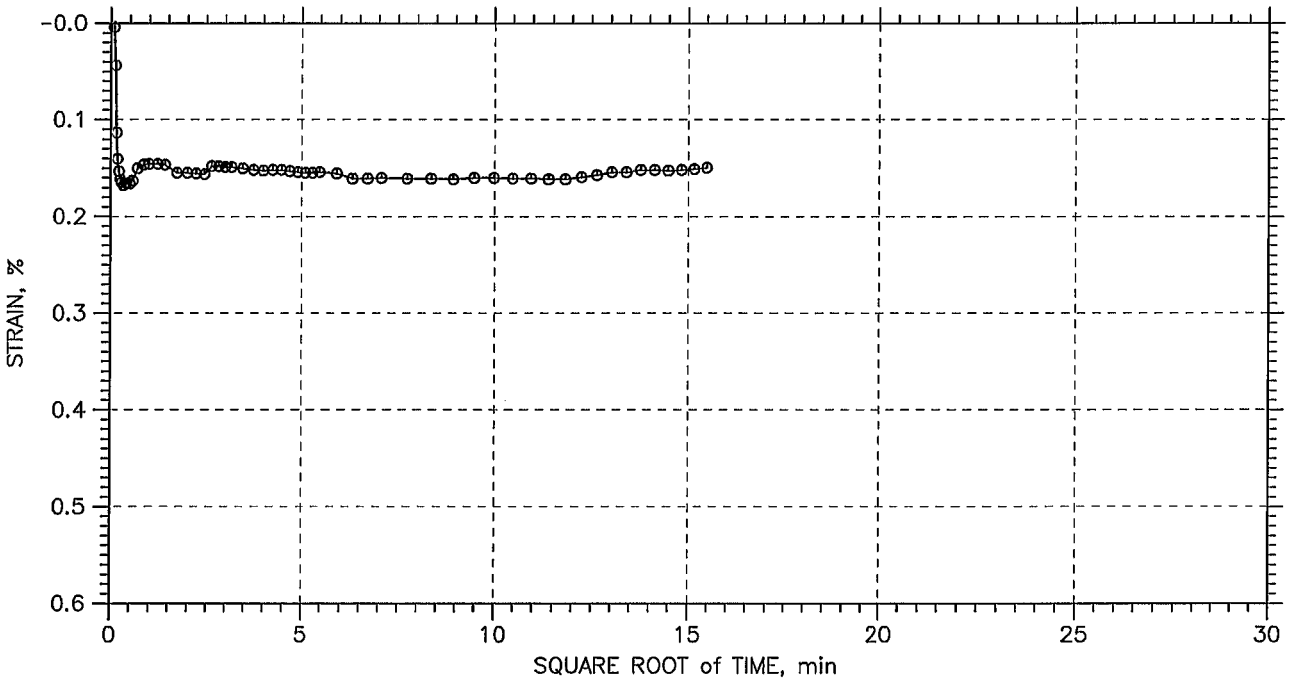
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

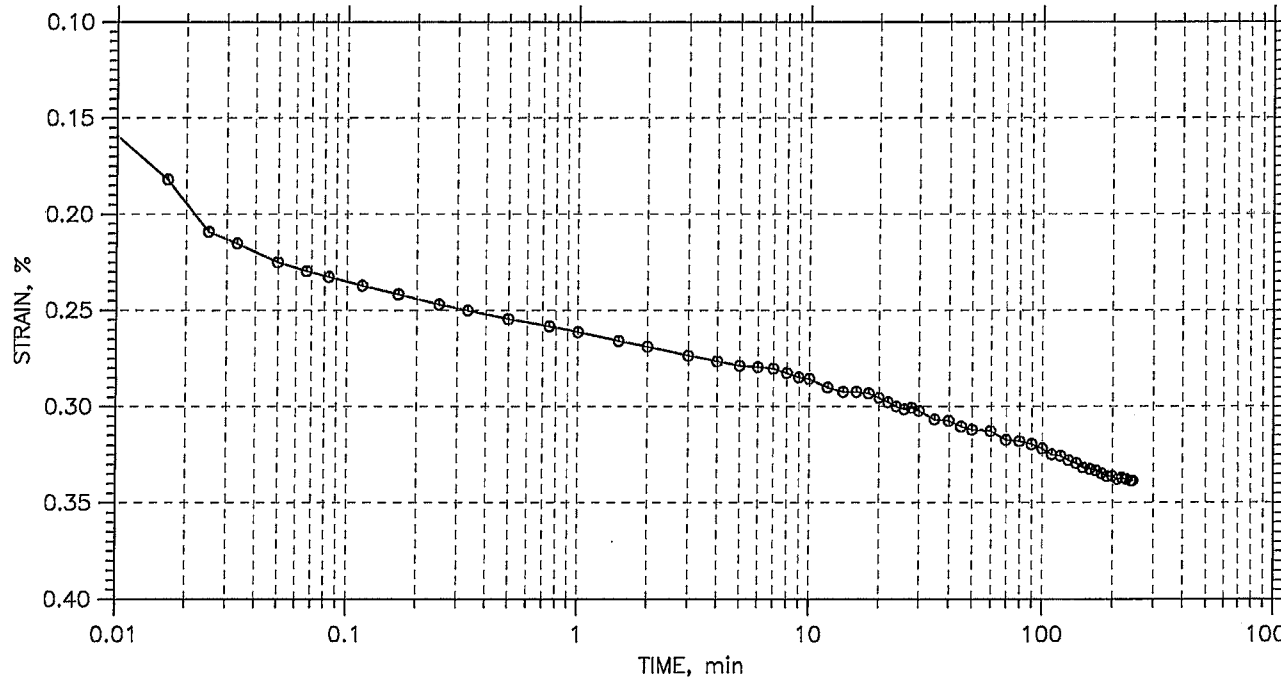
Wed, 16-MAY-2007 09:13:36

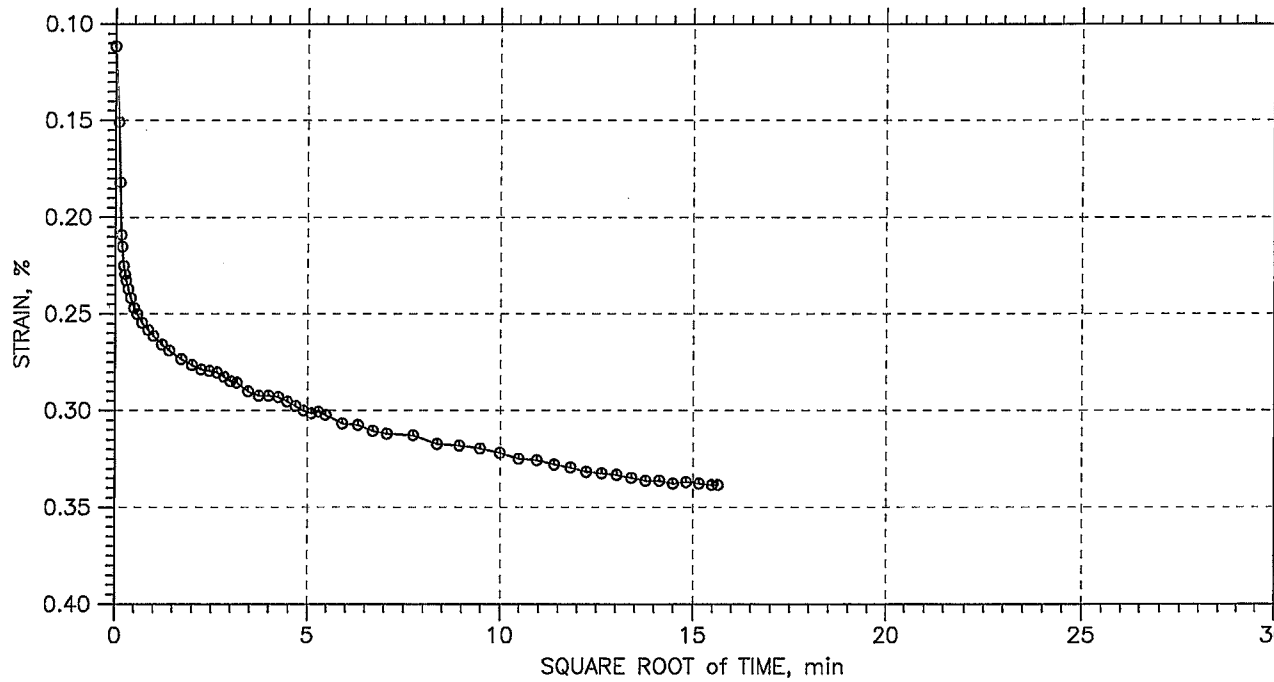
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

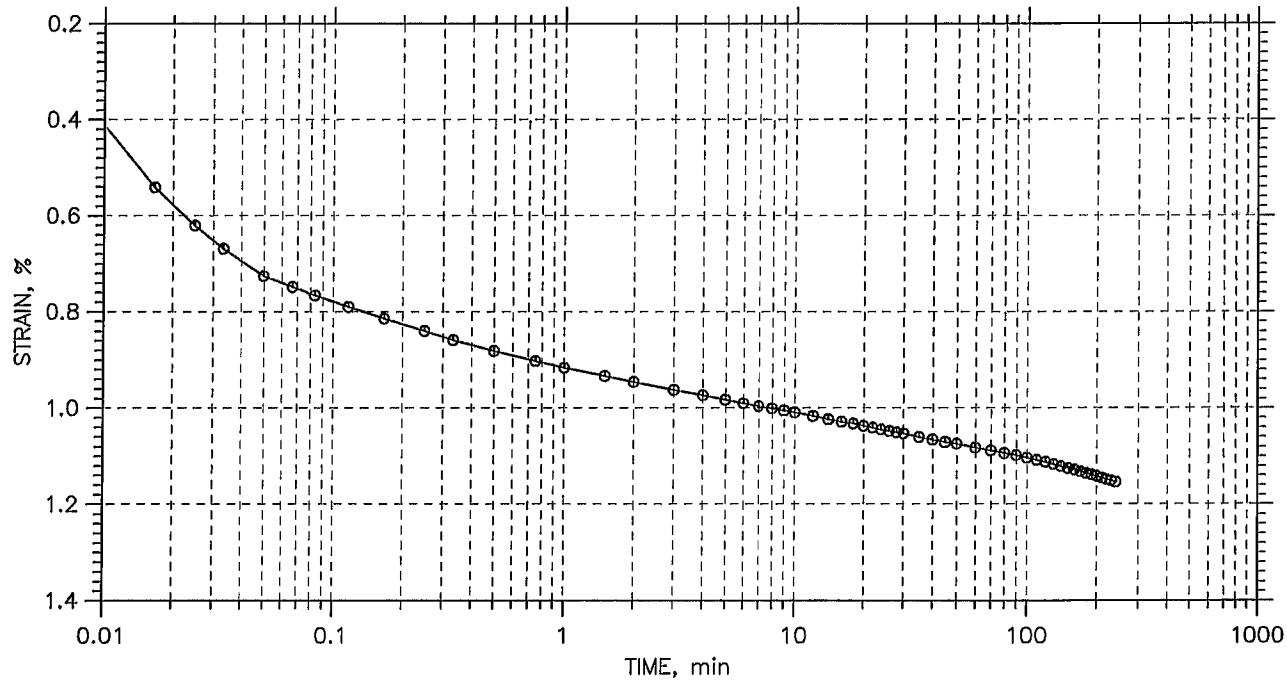
Wed, 16-MAY-2007 09:10:57

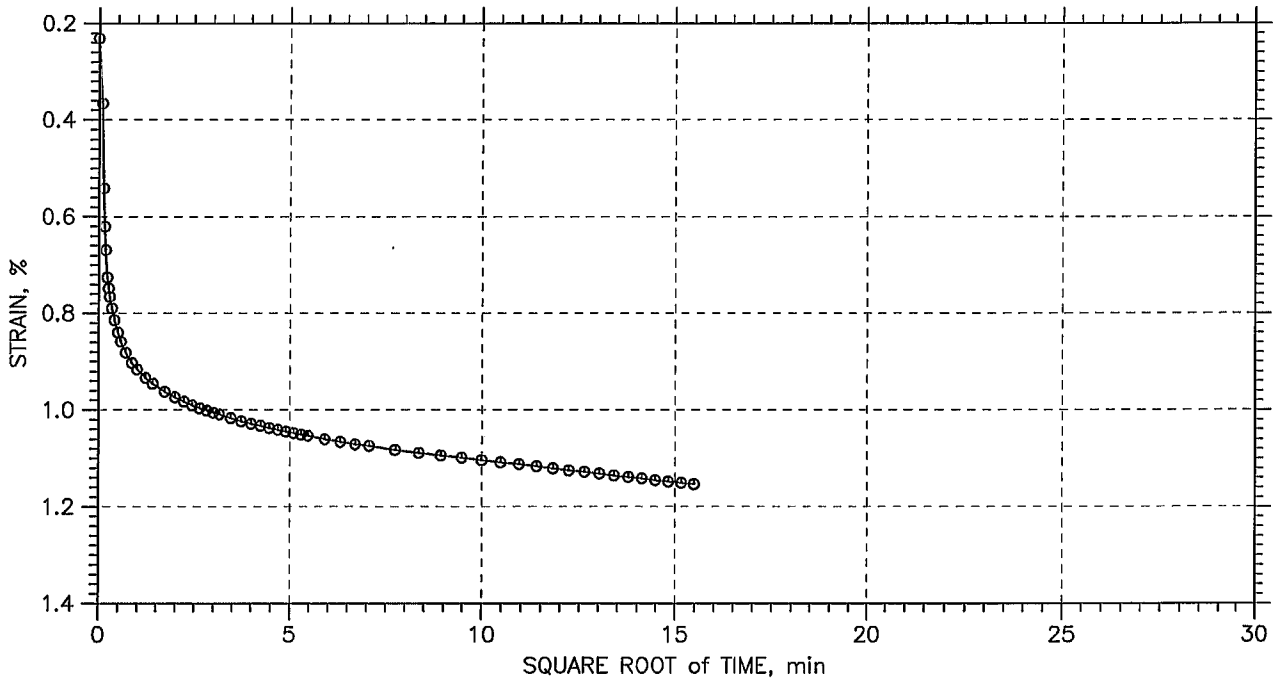
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

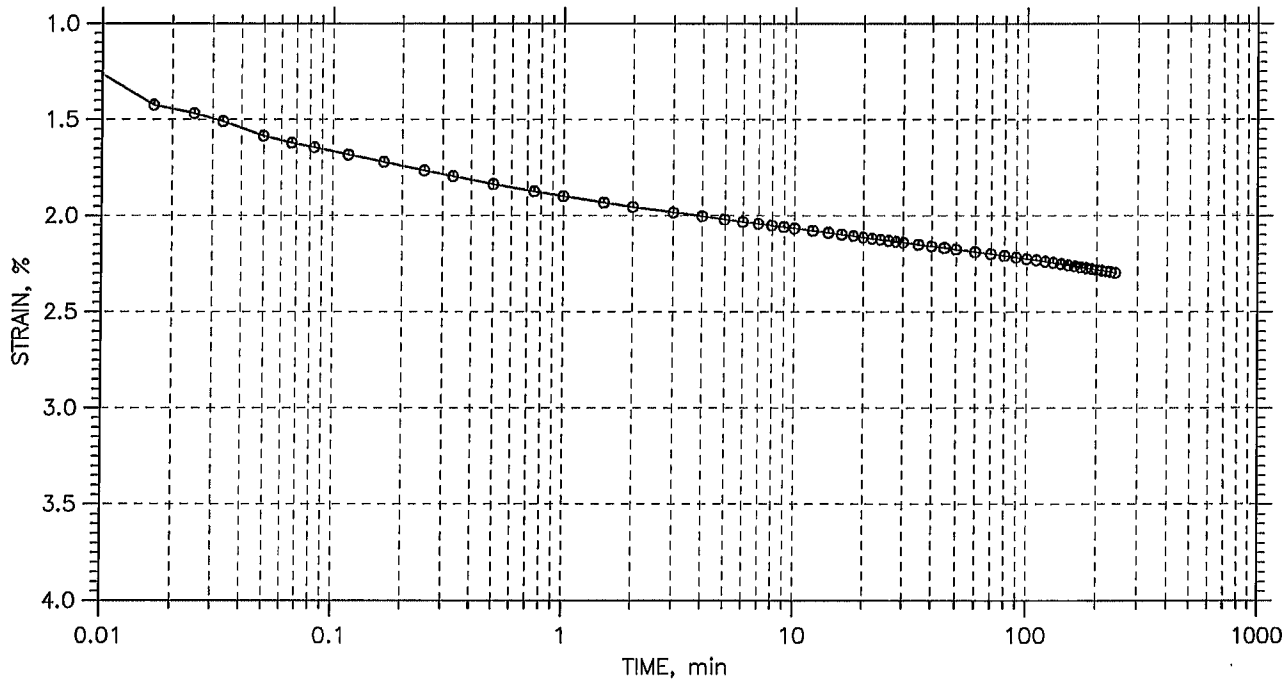
Wed, 16-MAY-2007 09:10:57

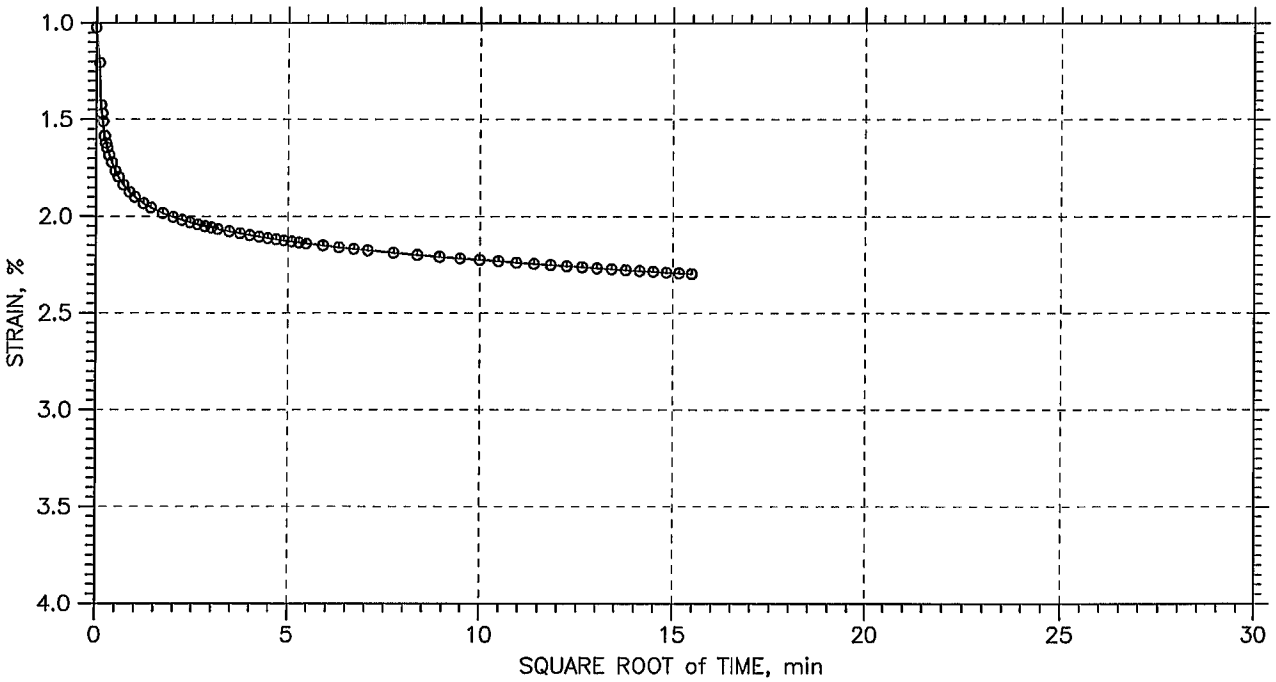
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

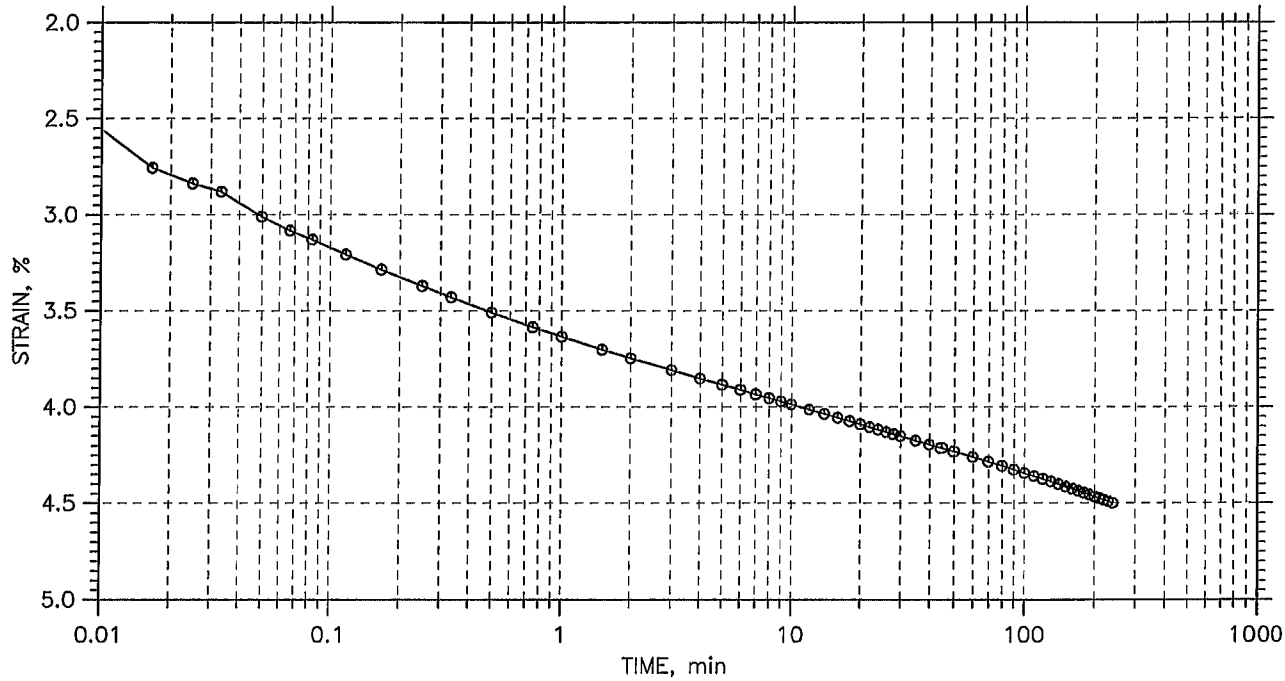
Wed, 16-MAY-2007 09:10:57

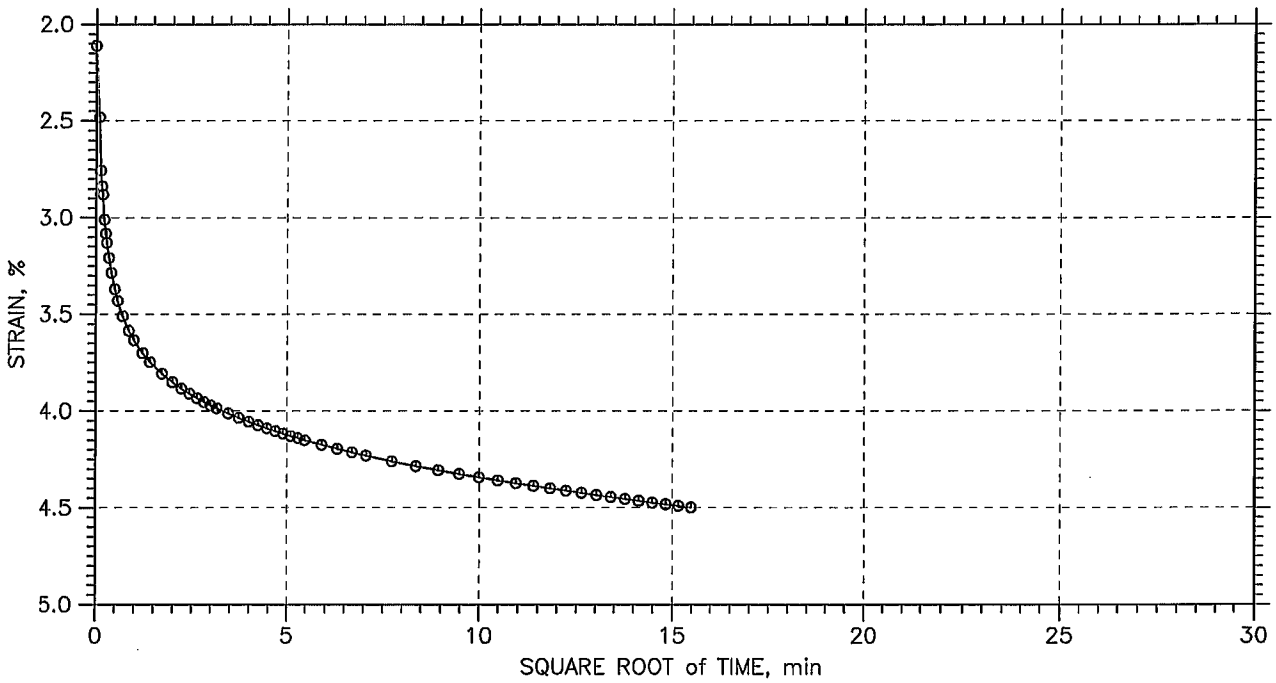
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

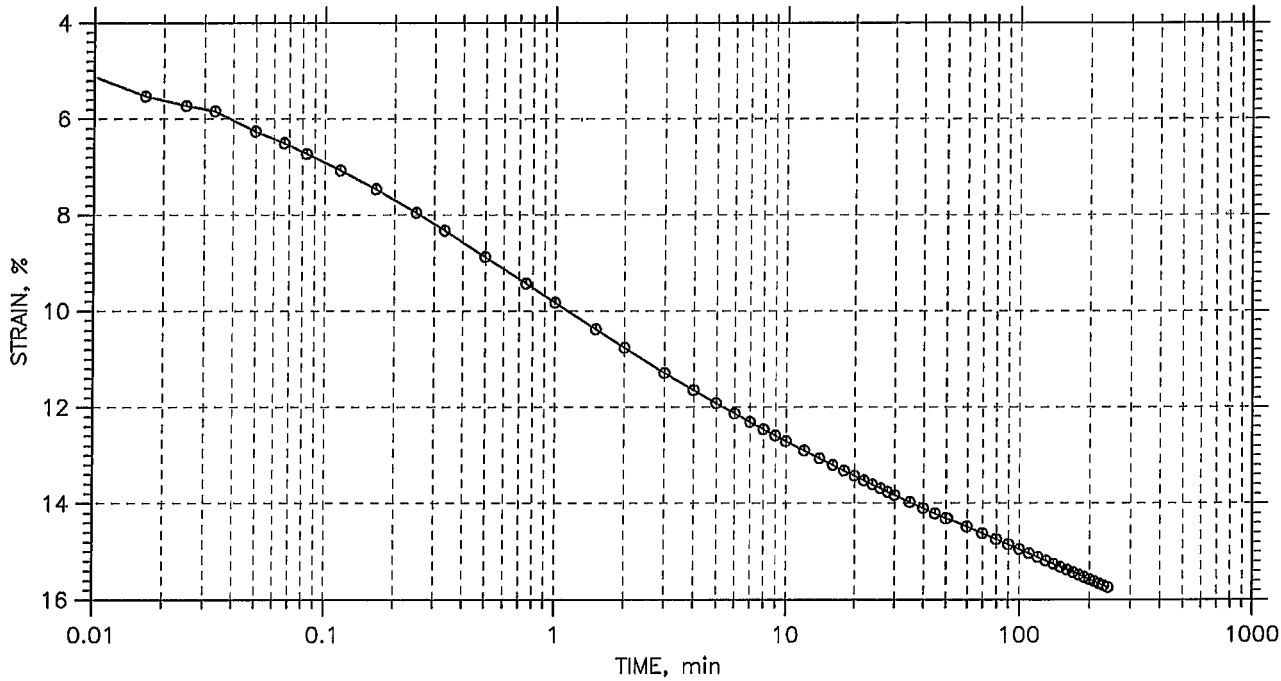
Wed, 16-MAY-2007 09:10:57

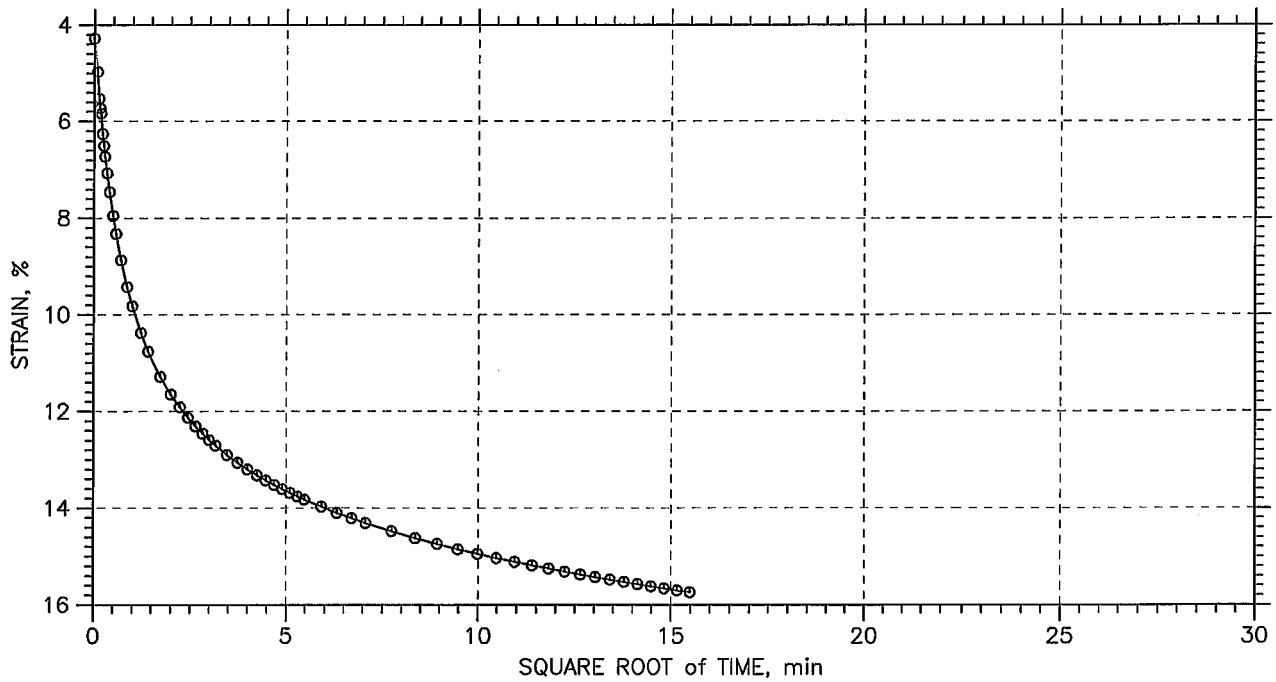
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

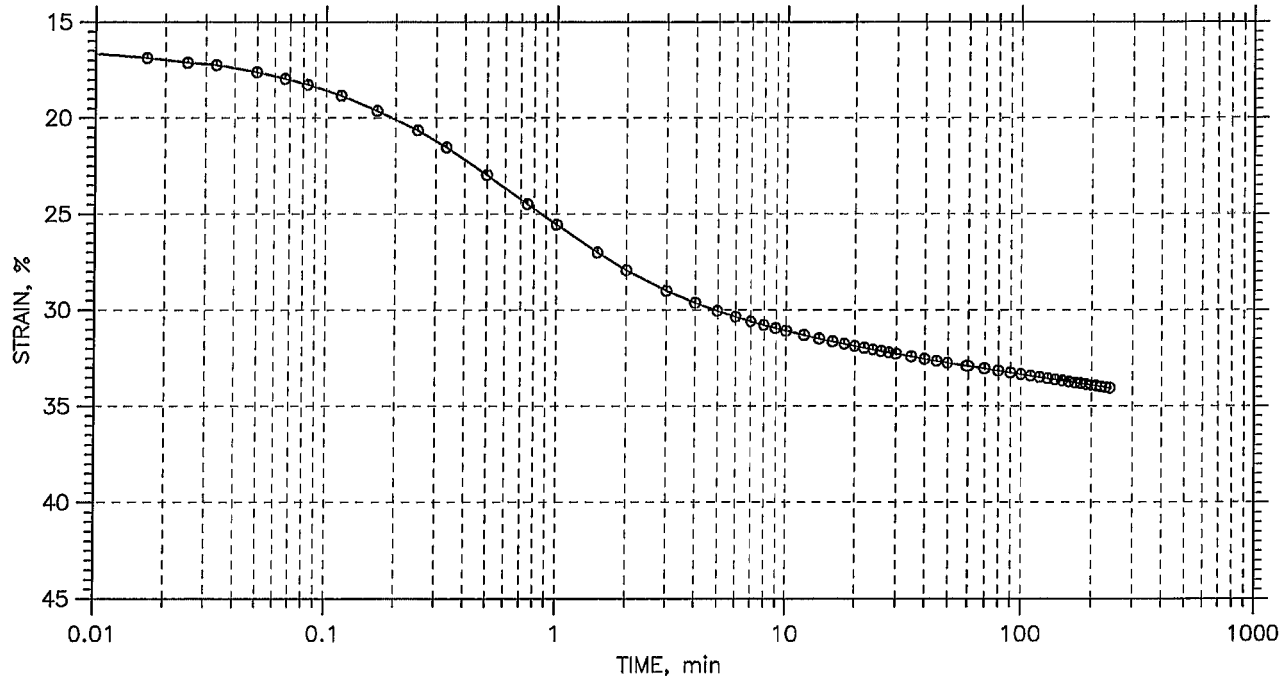
Wed, 16-MAY-2007 09:10:57

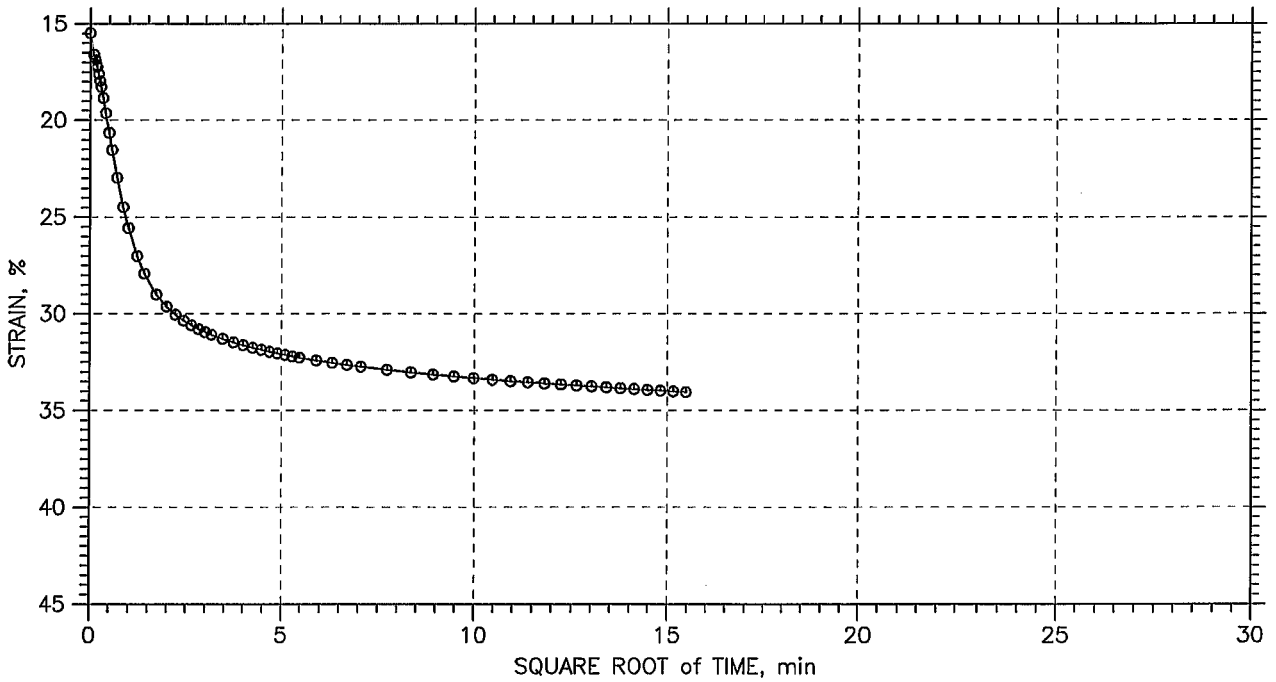
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

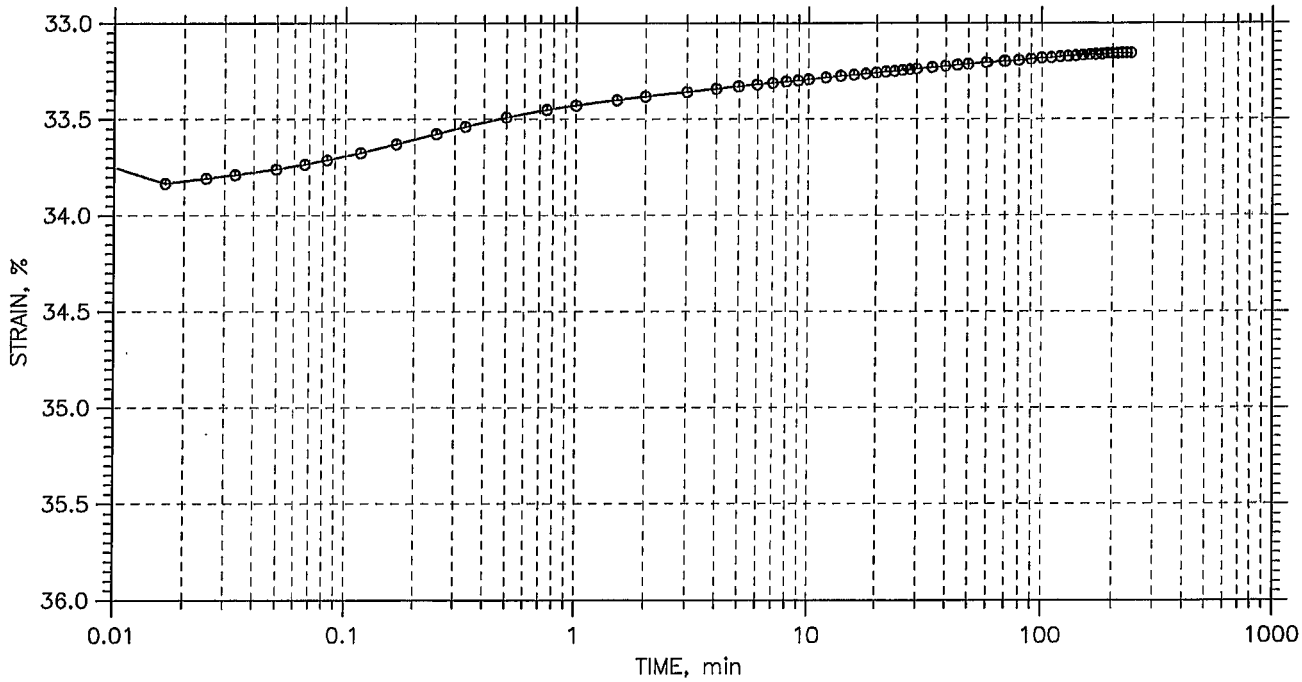
Wed, 16-MAY-2007 09:10:57

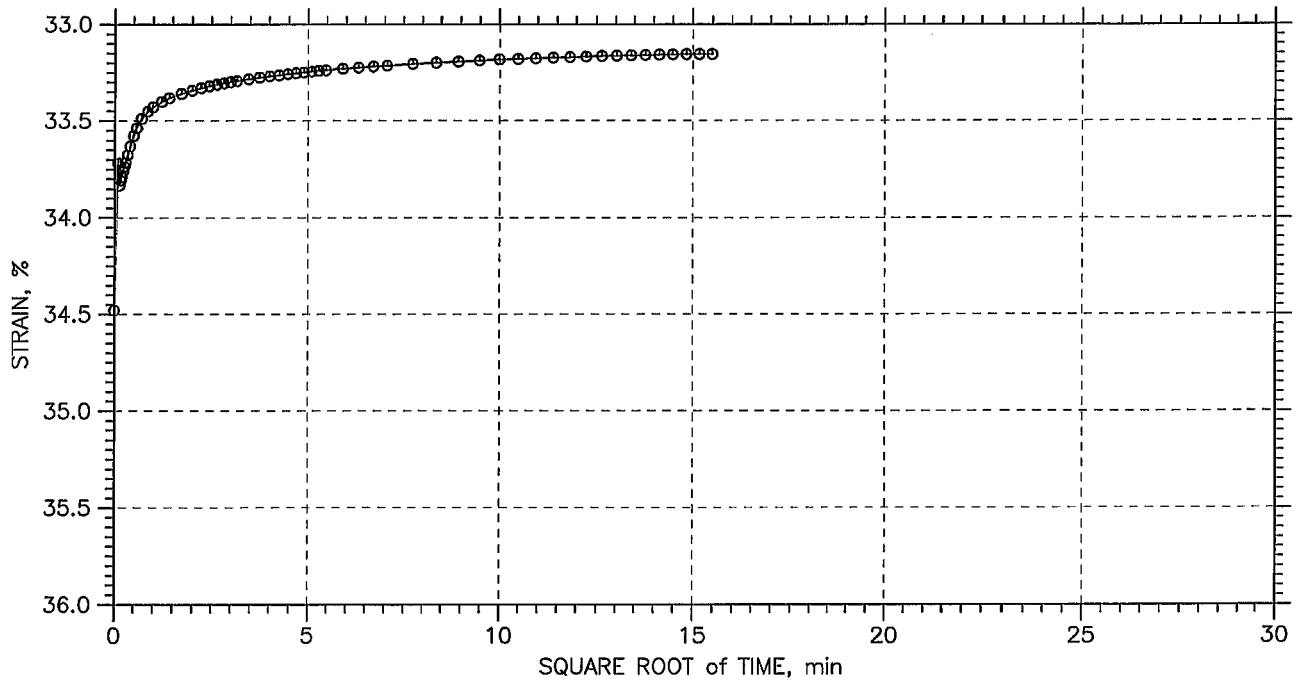
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

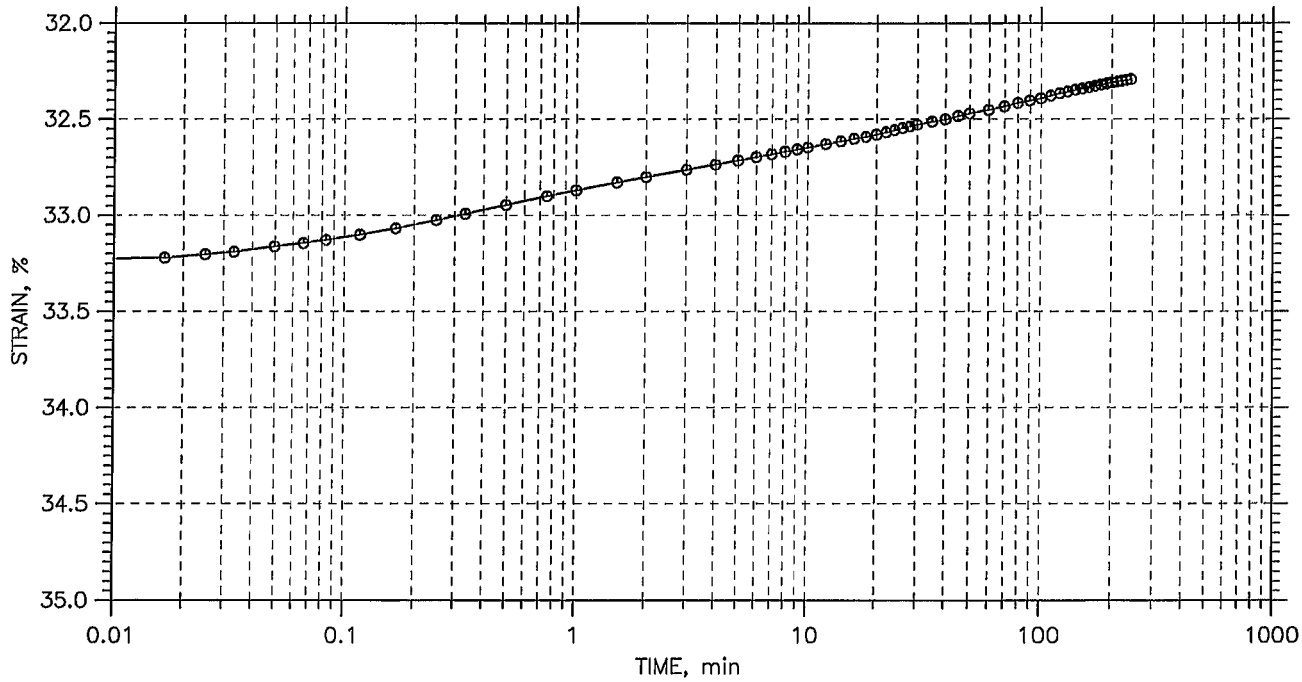
Wed, 16-MAY-2007 09:10:57

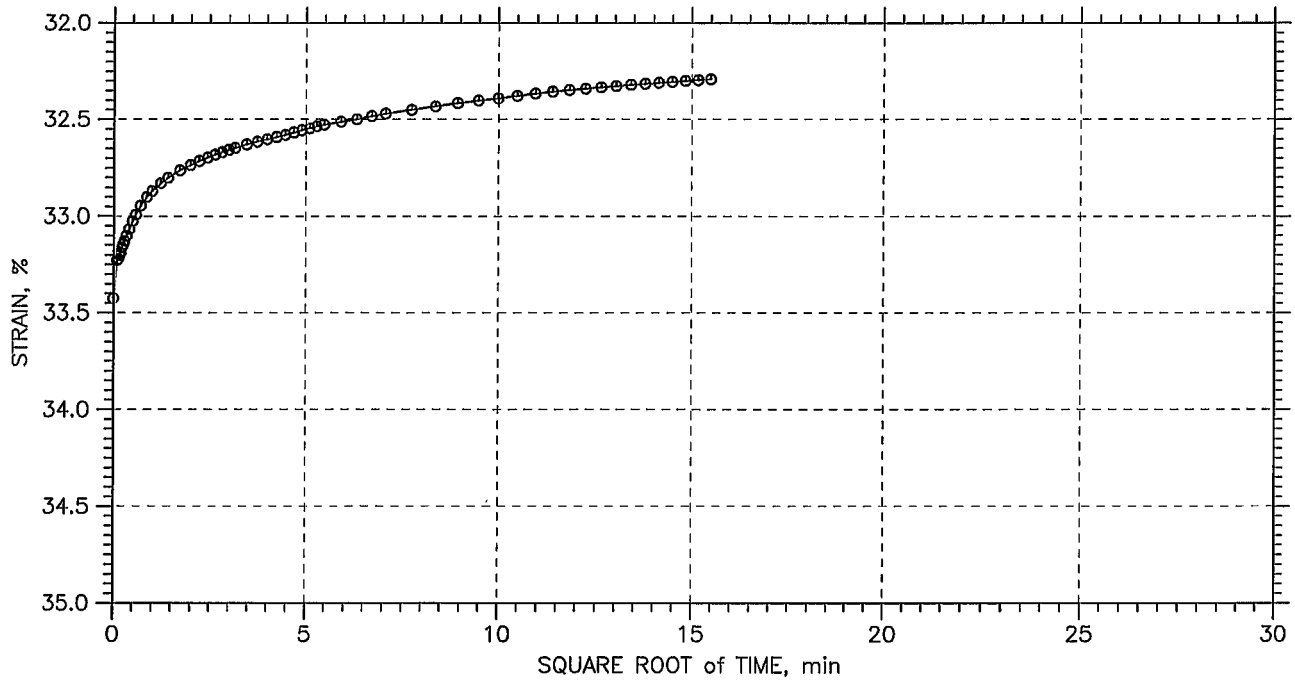
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

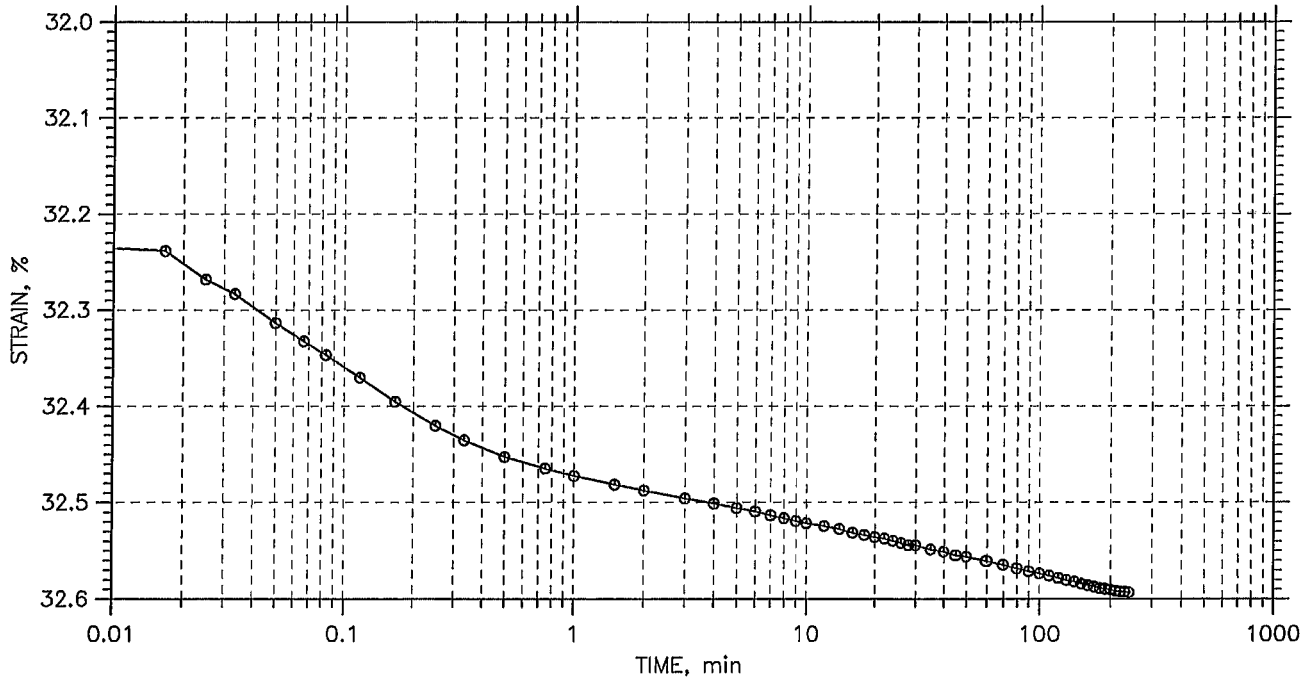
Wed, 16-MAY-2007 09:10:57

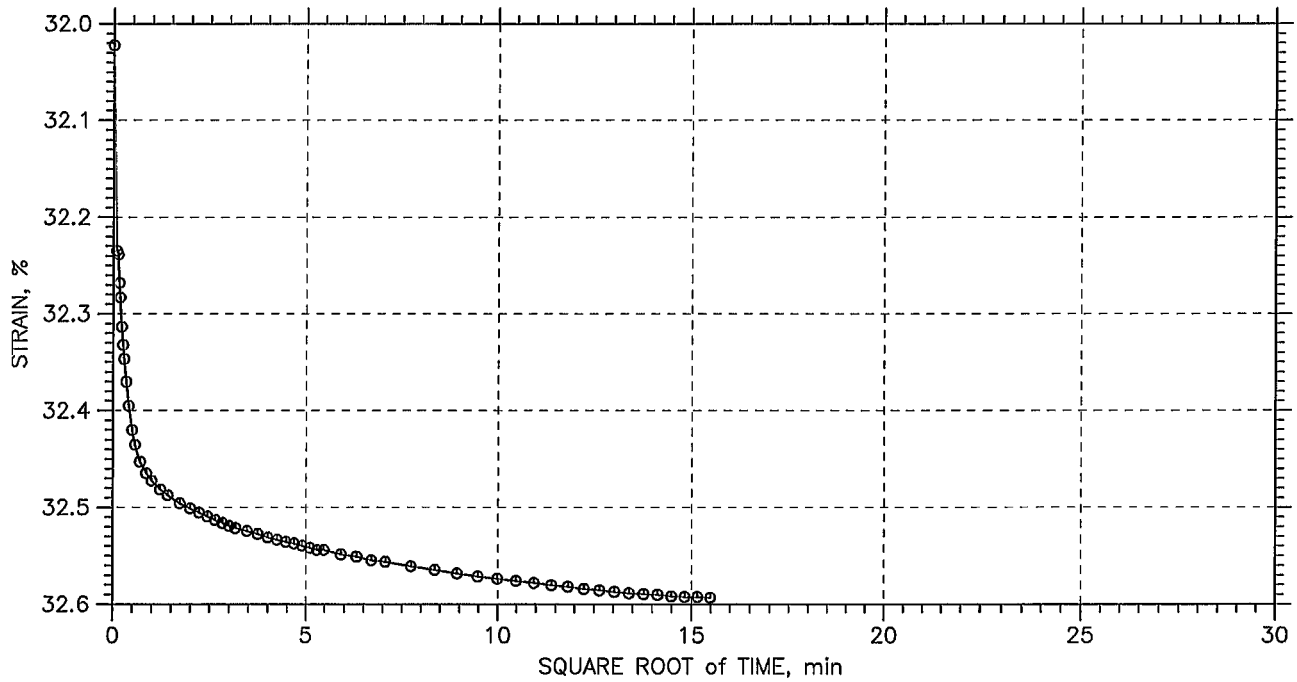
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

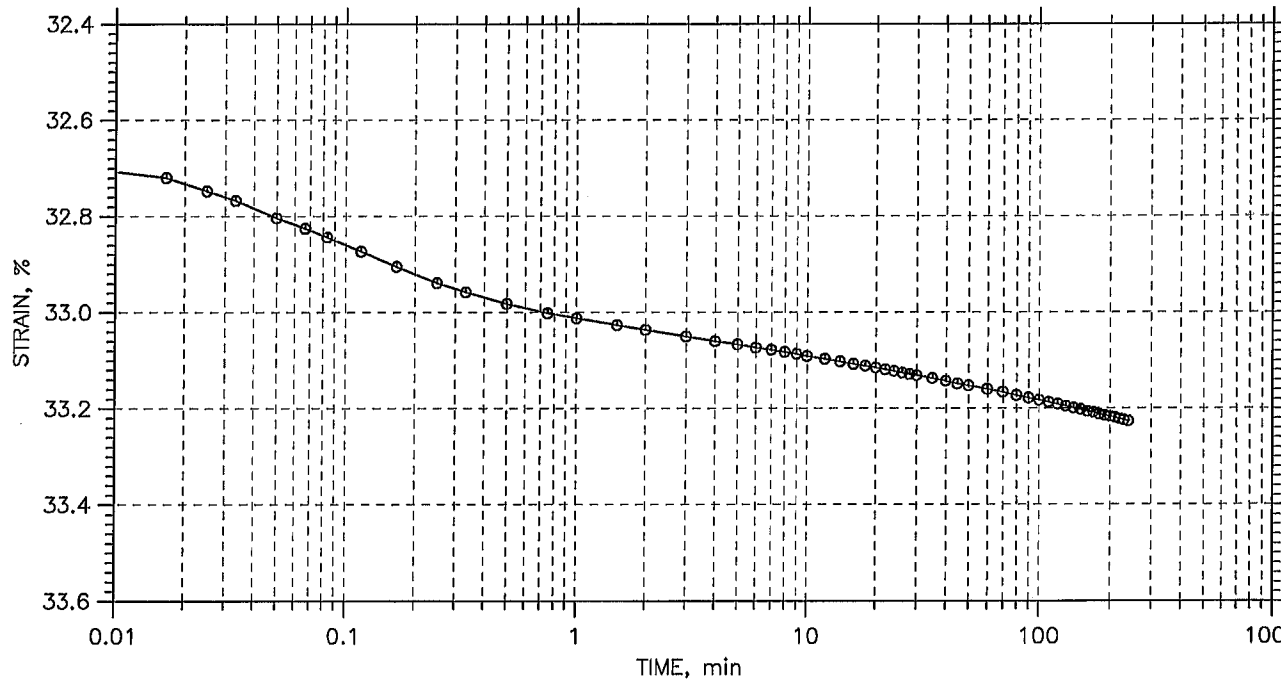
Wed, 16-MAY-2007 09:10:57

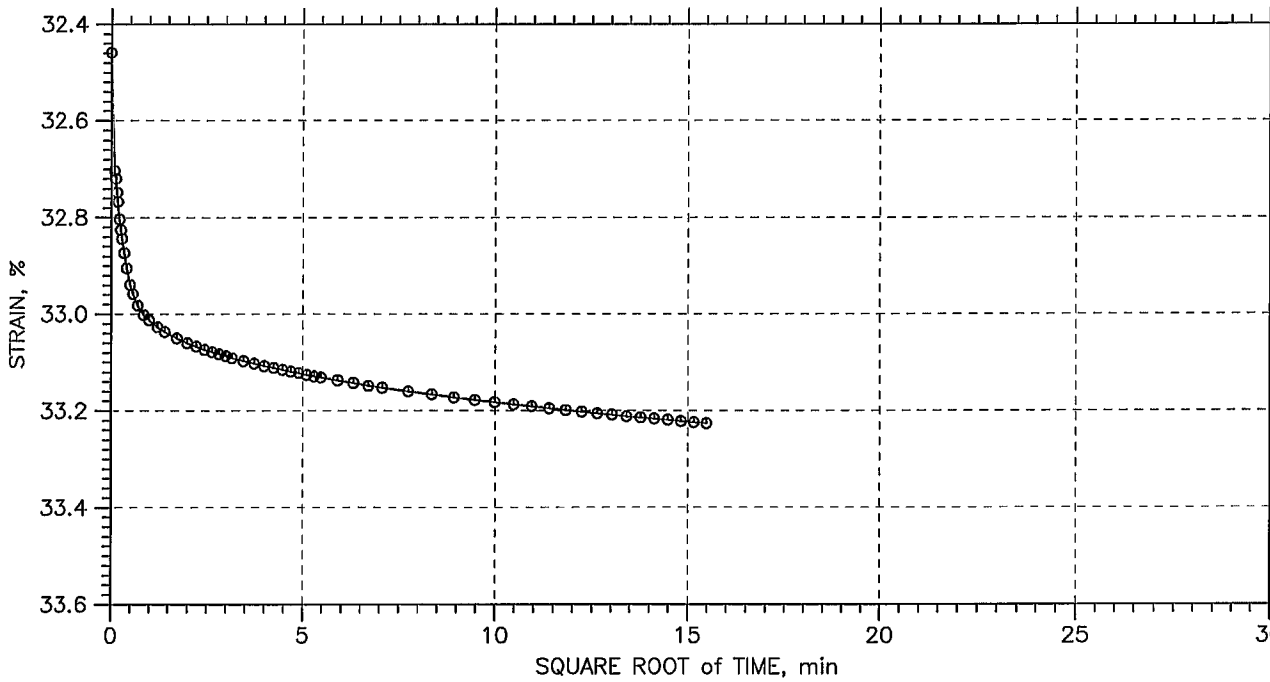
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

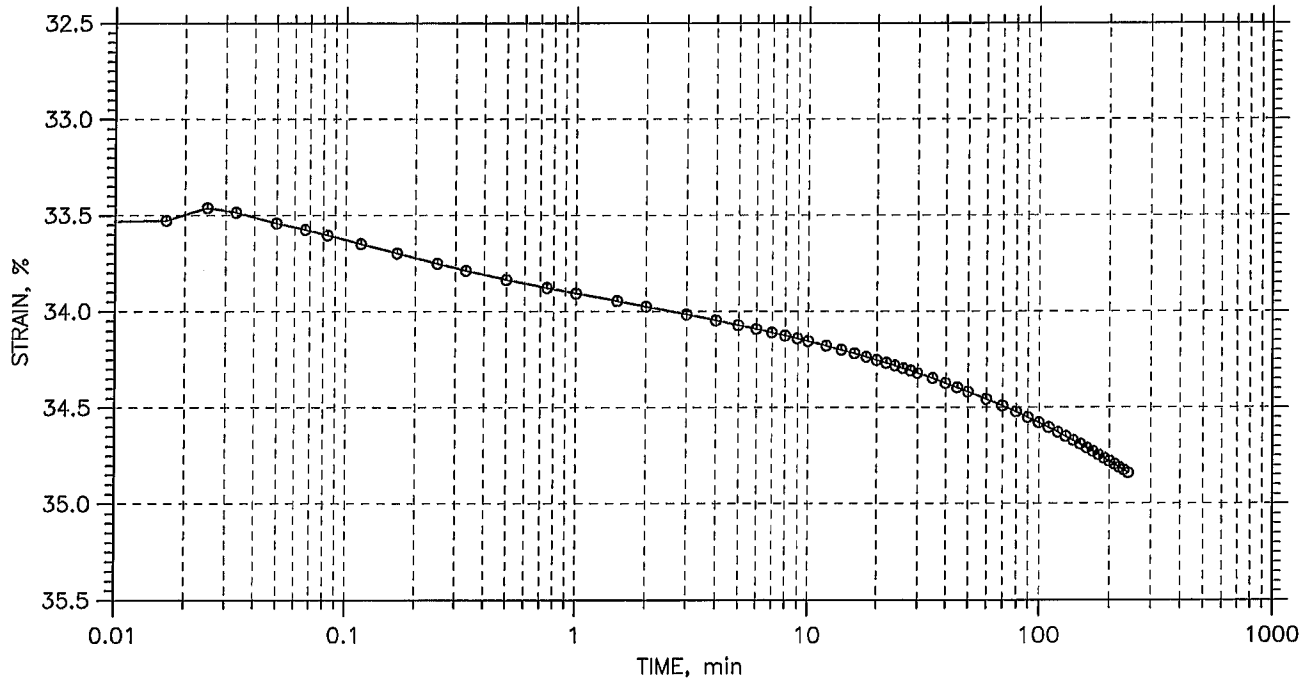
Wed, 16-MAY-2007 09:10:57

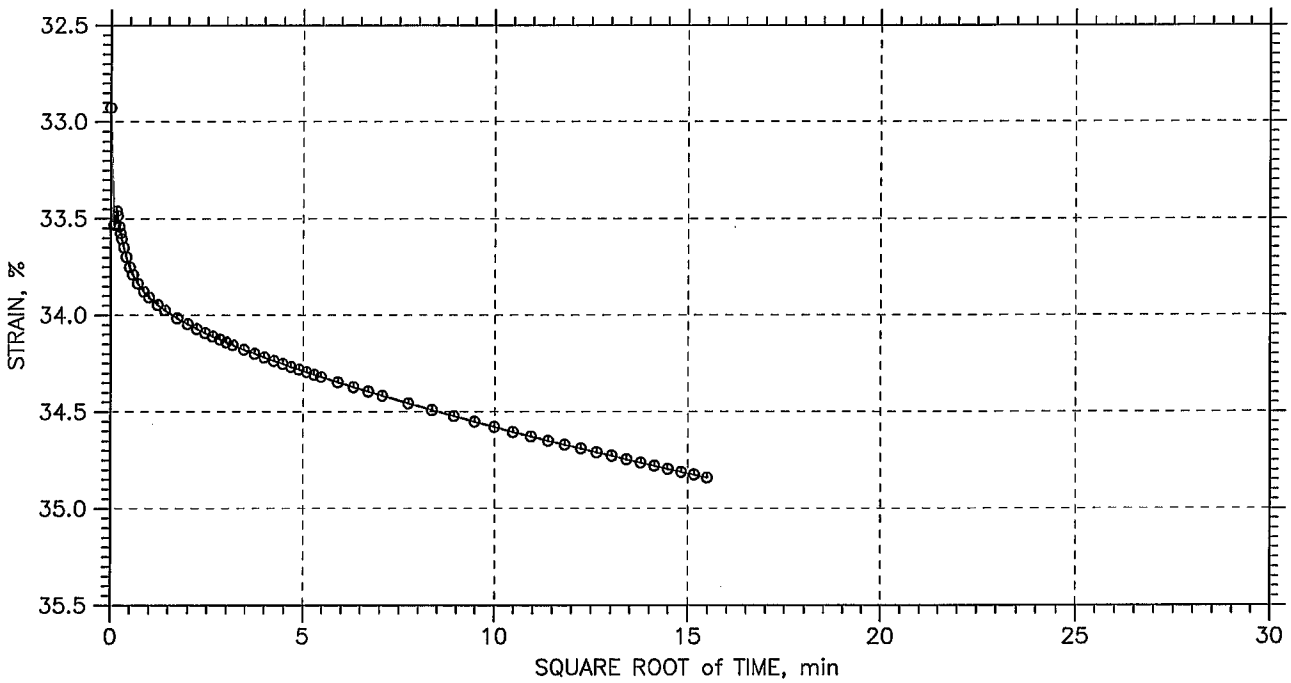
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



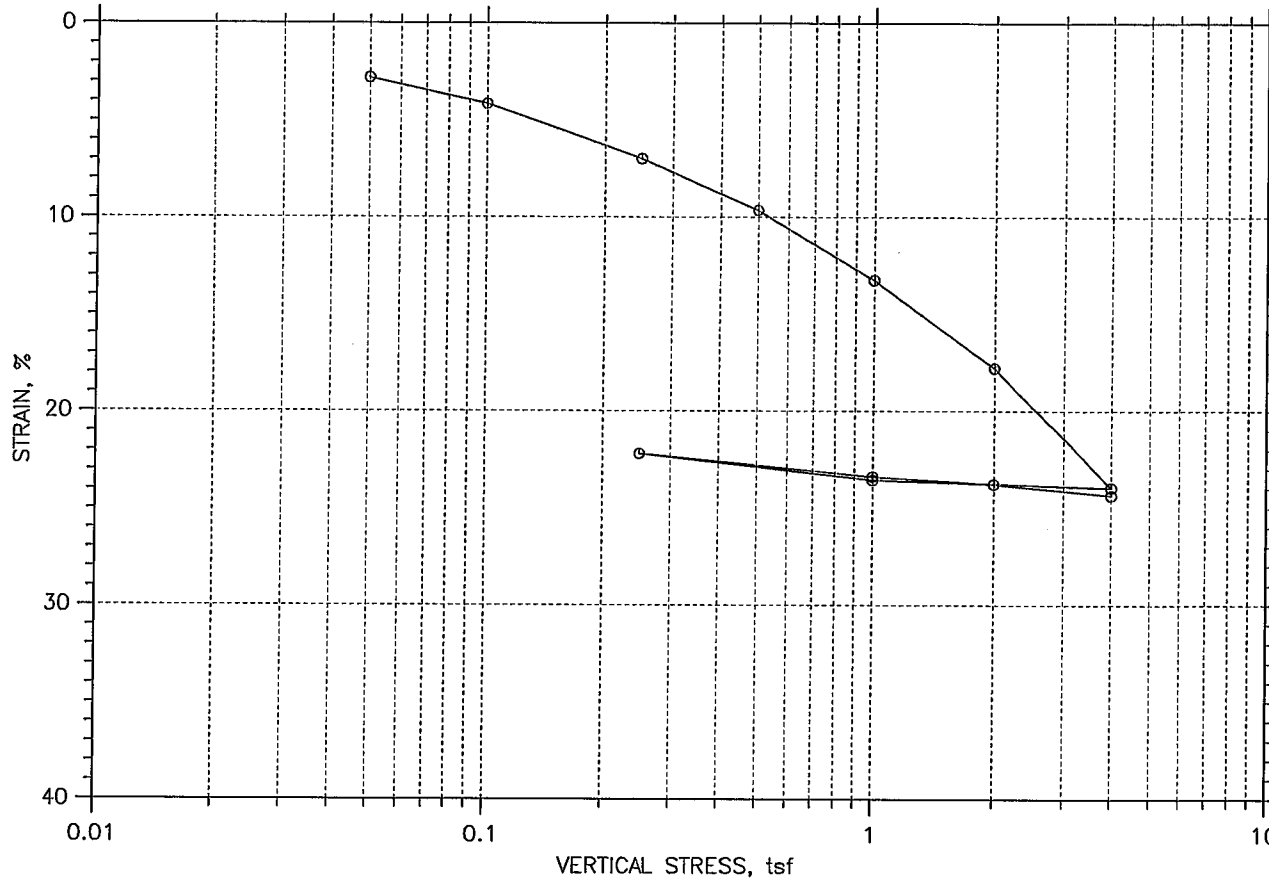


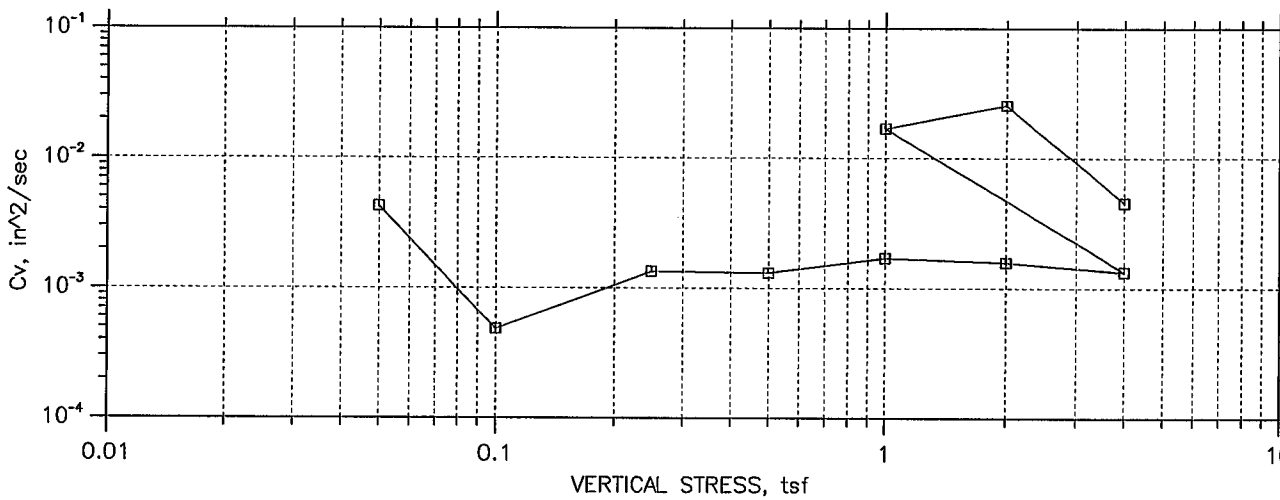
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onandaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: md	Checked By: jdt
	Sample No.: 0297-15	Test Date: 04/25/2007	Depth: 32-34 ft
	Test No.: C123	Sample Type: tube	Elevation: ---
	Description: Moist, mottled light bluish gray and white silt		
	Remarks: System C		

Wed, 16-MAY-2007 09:10:57

CONSOLIDATION TEST DATA

SUMMARY REPORT



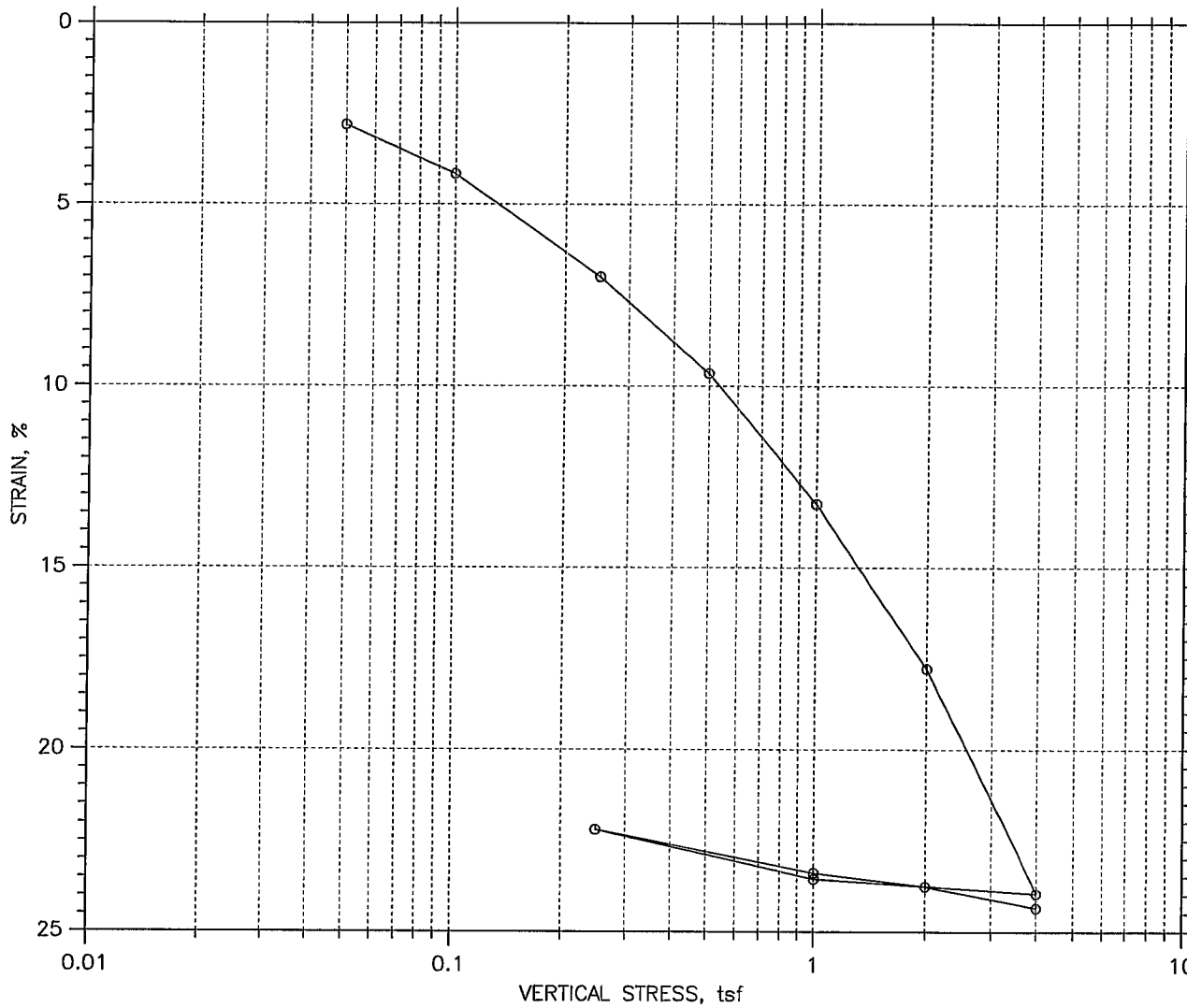


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Thu, 19-APR-2007 15:08:53

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	225.12	161.00
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	23.66	31.28
Compression Index: ---				Saturation, %	99.96	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	5.83	4.17
LL: 230	PL: 111	PI: 119	GS: 2.59			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Thu, 19-APR-2007 15:08:54

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-03
Sample No.: 0297-17
Test No.: C-10

Location: Syracuse, NY
Tested By: yf
Test Date: 03/12/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 58-60 ft
Elevation: ---

Soil Description: Moist, gray silt
Remarks: System R

Measured Specific Gravity: 2.59
Initial Void Ratio: 5.83
Final Void Ratio: 4.17

Liquid Limit: 230
Plastic Limit: 111
Plasticity Index: 119

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Z-31	RING		hal
Wt. Container + Wet Soil, gm	142.07	315.56	296.01	83.33
Wt. Container + Dry Soil, gm	49.51	246.92	246.92	36.93
Wt. Container, gm	8.03	216.43	216.43	8.11
Wt. Dry Soil, gm	41.48	30.491	30.491	28.82
Water Content, %	223.14	225.12	161.00	161.00
Void Ratio	---	5.83	4.17	---
Degree of Saturation, %	---	99.96	100.00	---
Dry Unit Weight, pcf	---	23.663	31.276	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-03
Sample No.: 0297-17
Test No.: C-10

Location: Syracuse, NY
Tested By: yf
Test Date: 03/12/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 58-60 ft
Elevation: ---

Soil Description: Moist, gray silt
Remarks: System R

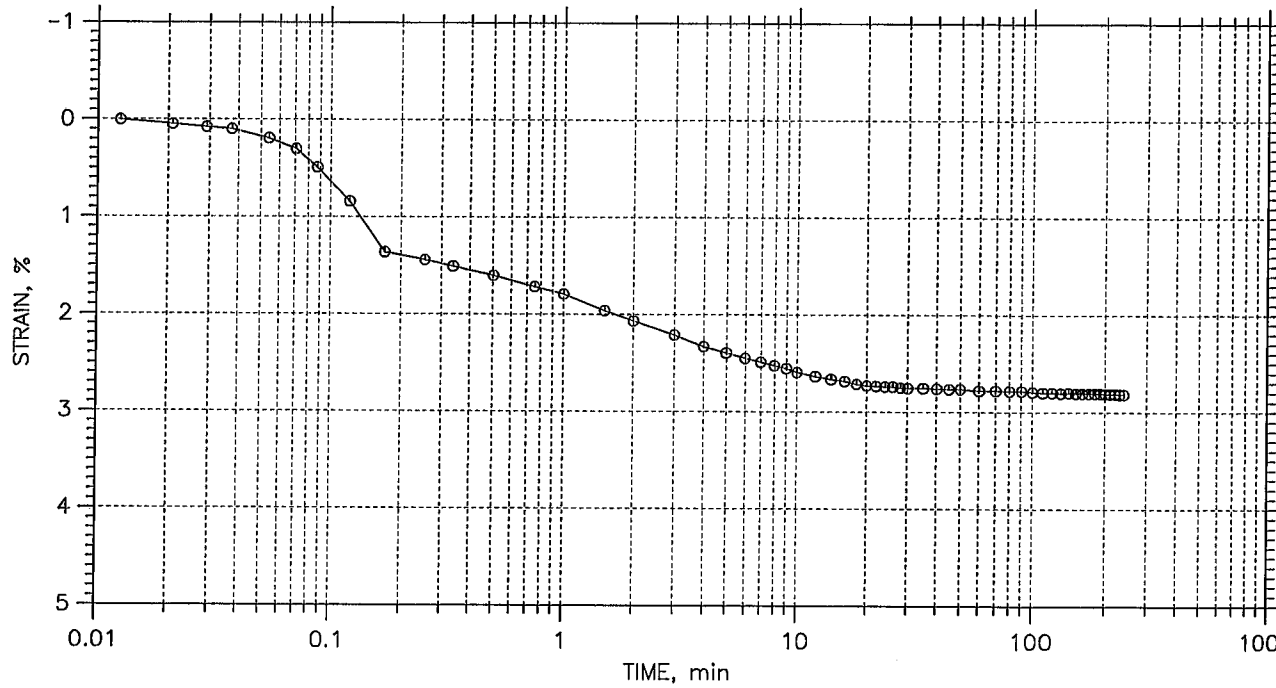
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.02812	5.641	2.81	0.2	0.1	3.51e-003	5.42e-003	4.26e-003
2	0.1	0.04156	5.549	4.16	1.3	1.9	5.91e-004	4.11e-004	4.85e-004
3	0.25	0.06999	5.355	7.00	0.5	0.6	1.58e-003	1.16e-003	1.34e-003
4	0.5	0.09652	5.173	9.65	0.6	0.5	1.17e-003	1.48e-003	1.31e-003
5	1	0.1326	4.927	13.26	0.4	0.3	1.53e-003	1.91e-003	1.70e-003
6	2	0.1778	4.618	17.78	0.4	0.3	1.43e-003	1.75e-003	1.58e-003
7	4	0.2395	4.197	23.95	0.4	0.4	1.22e-003	1.47e-003	1.33e-003
8	1	0.2355	4.223	23.55	0.0	0.0	2.87e-002	0.00e+000	2.87e-002
9	0.25	0.222	4.316	22.20	0.1	0.0	3.75e-003	0.00e+000	3.75e-003
10	1	0.2339	4.235	23.39	0.0	0.0	1.69e-002	0.00e+000	1.69e-002
11	2	0.2376	4.210	23.76	0.0	0.0	2.45e-002	2.67e-002	2.55e-002
12	4	0.2434	4.170	24.34	0.1	0.0	4.54e-003	0.00e+000	4.54e-003

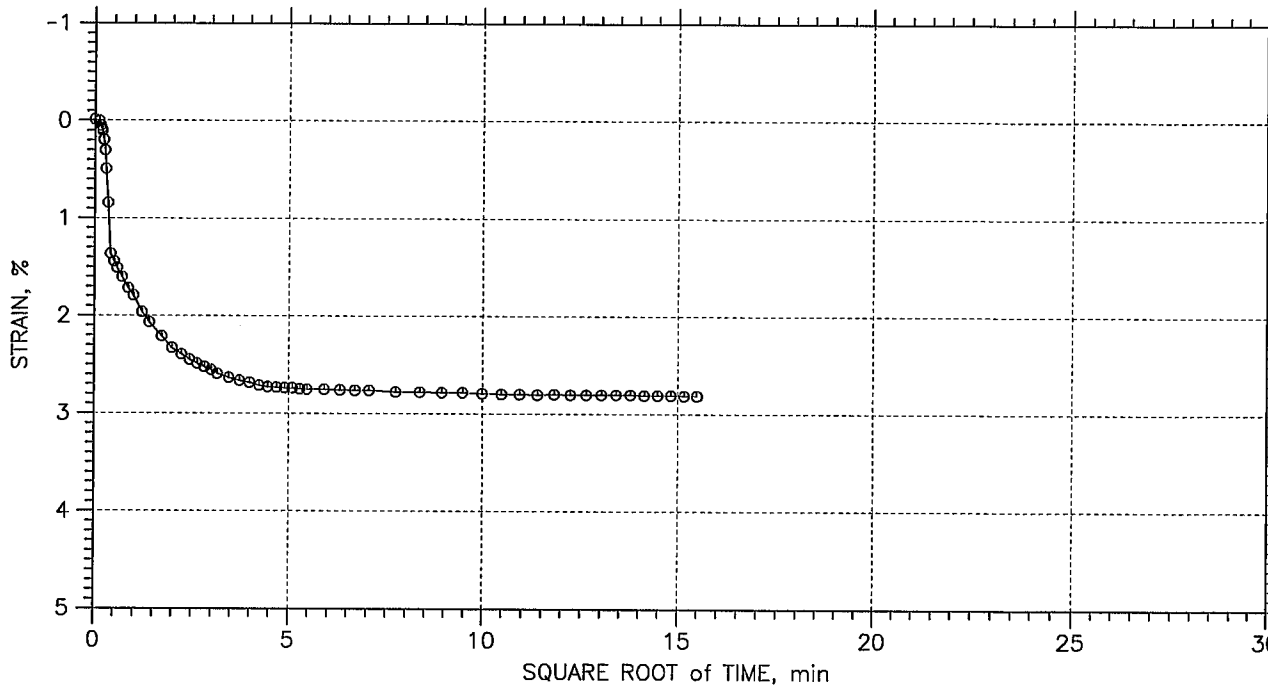
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

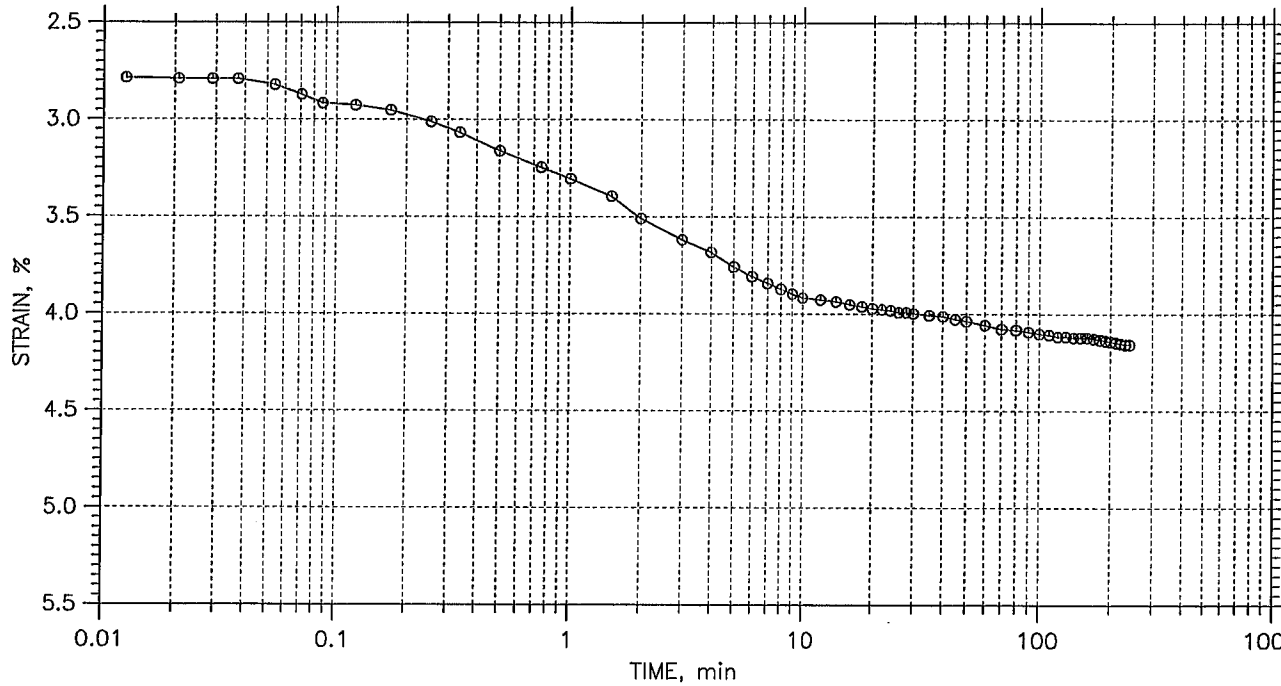
Thu, 19-APR-2007 15:08:55

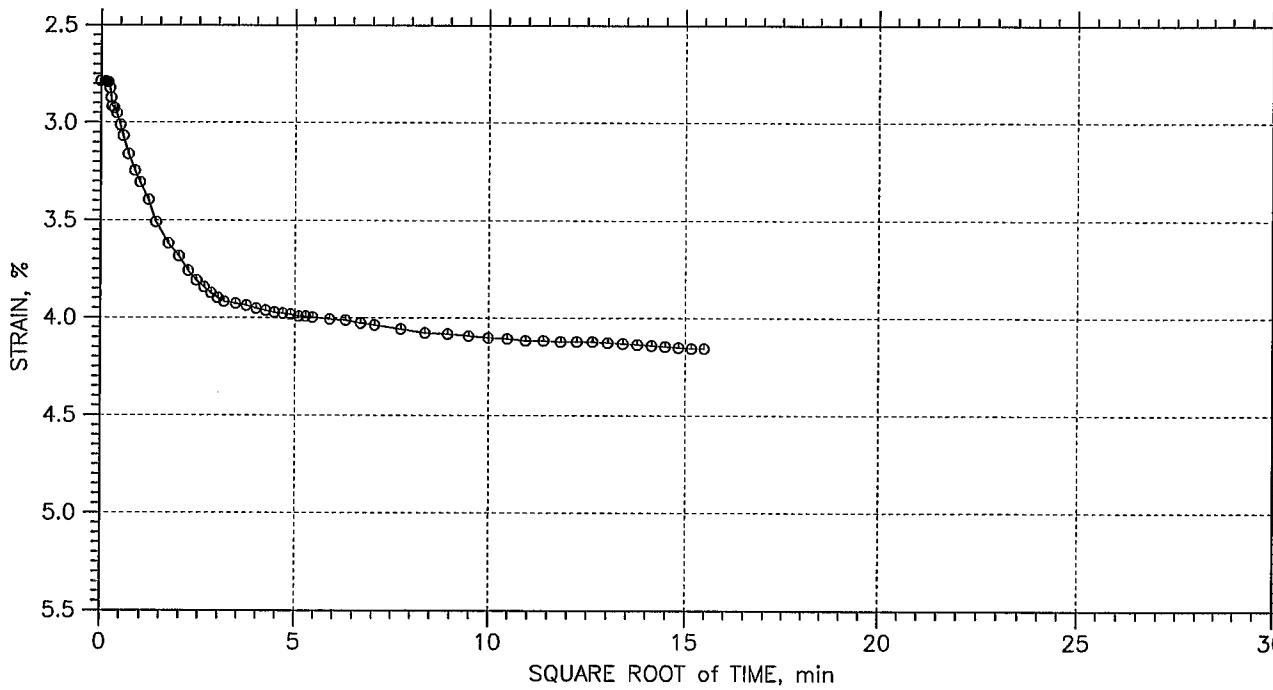
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

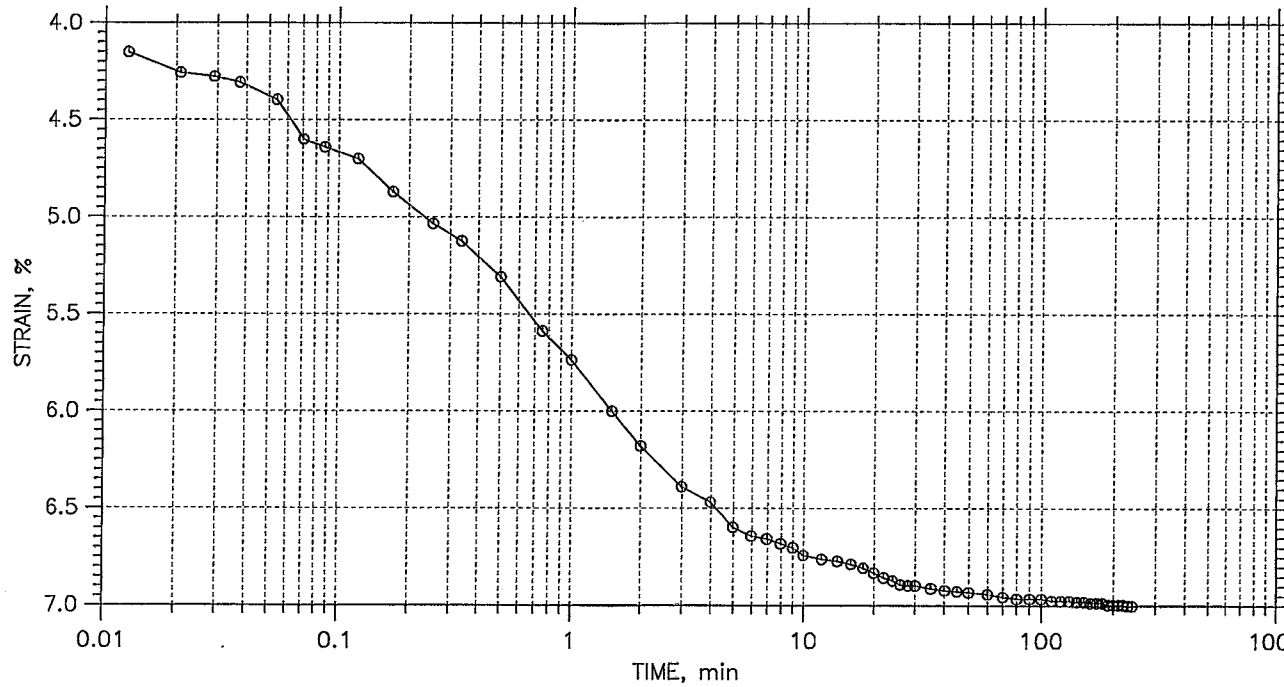
Thu, 19-APR-2007 15:08:56

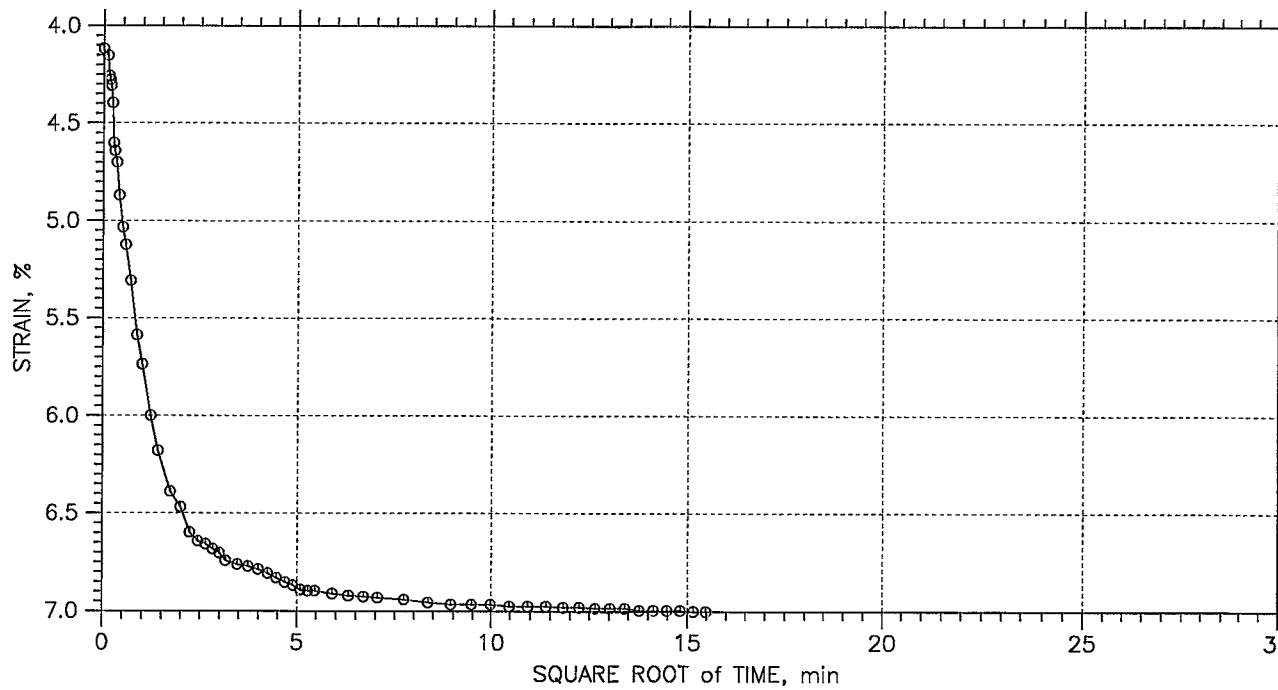
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

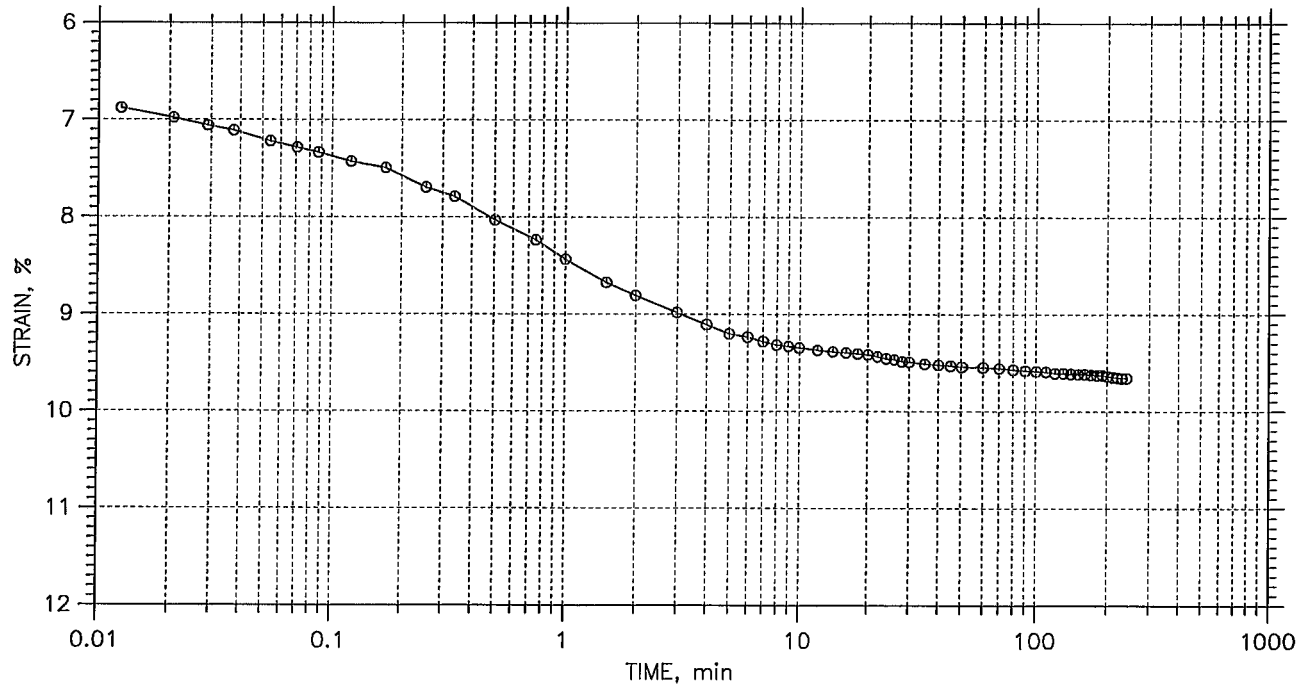
Thu, 19-APR-2007 15:08:57

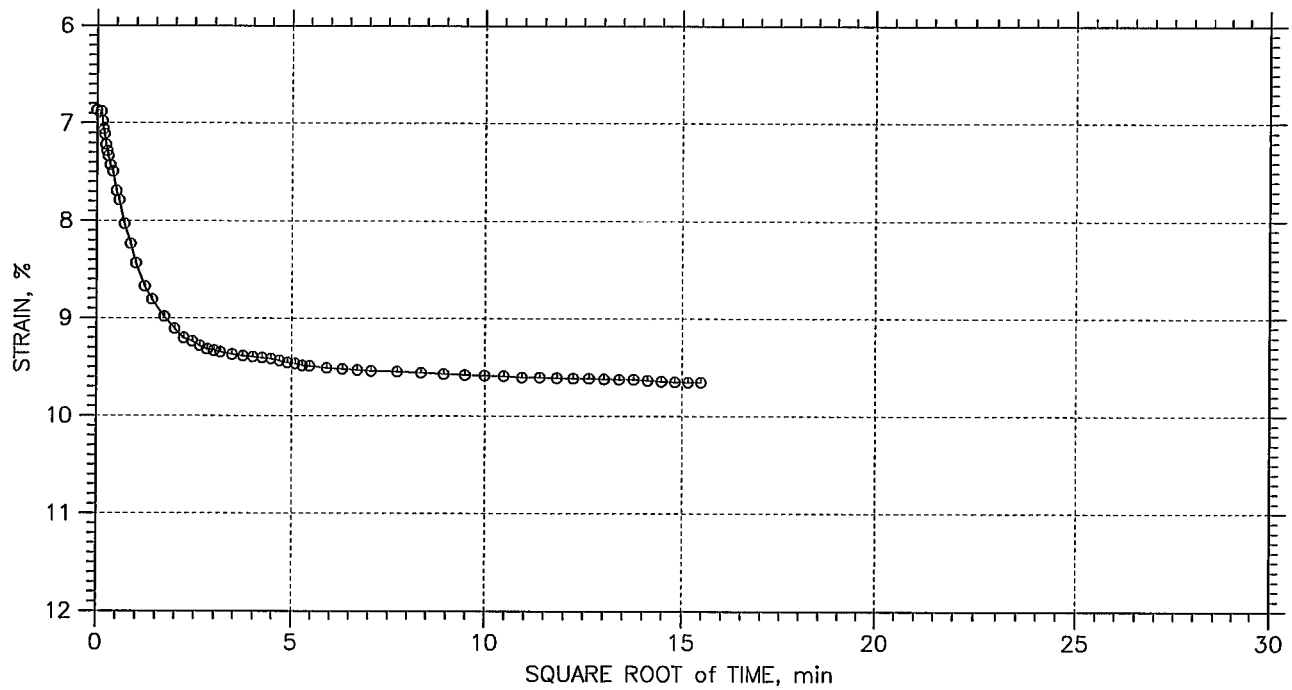
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

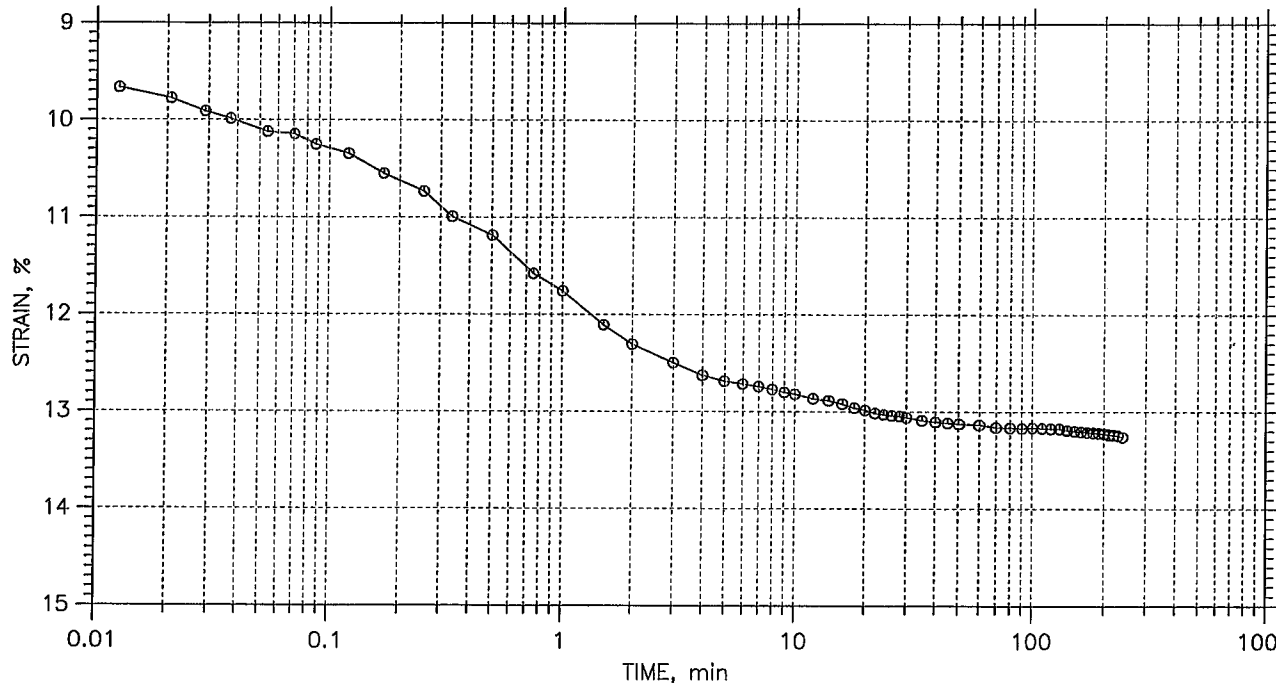
Thu, 19-APR-2007 15:08:58

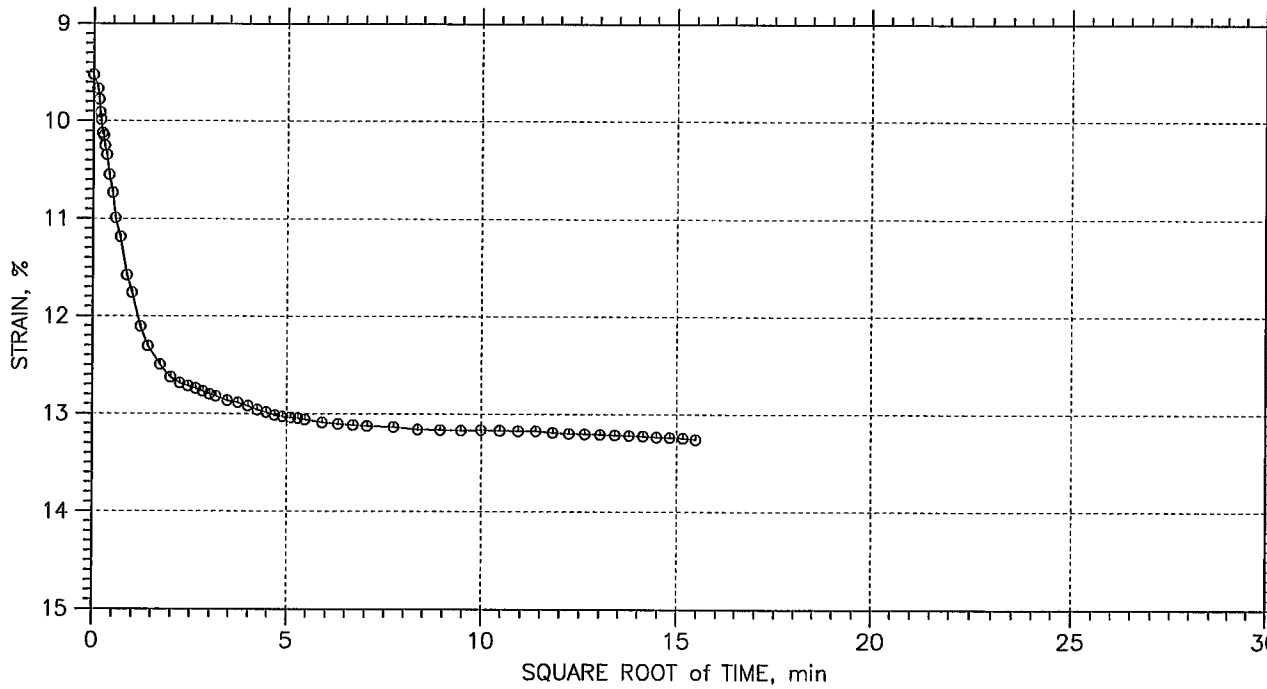
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

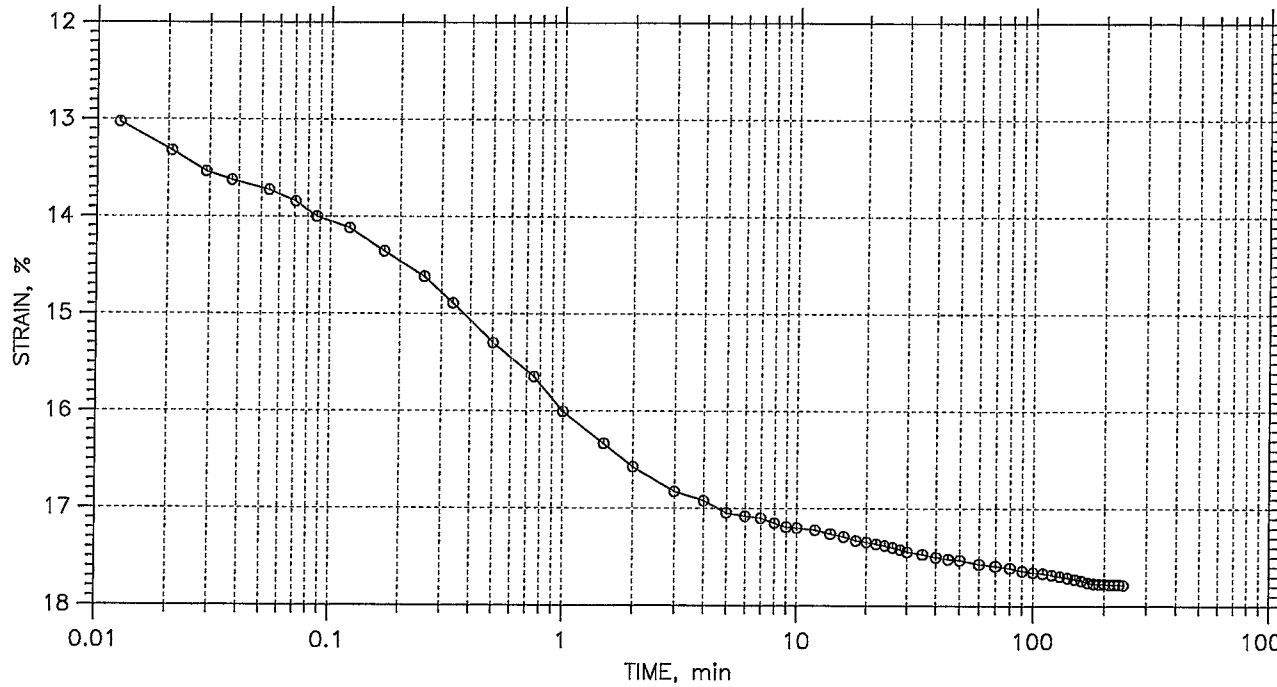
Thu, 19-APR-2007 15:08:59

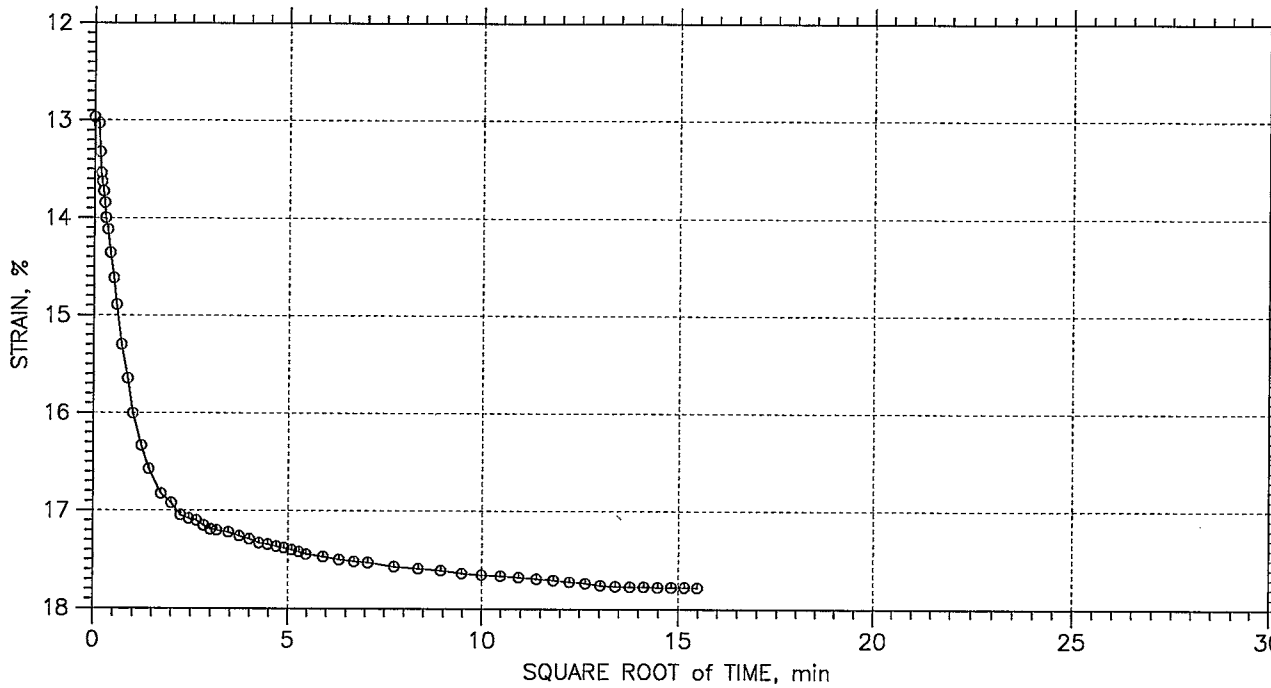
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

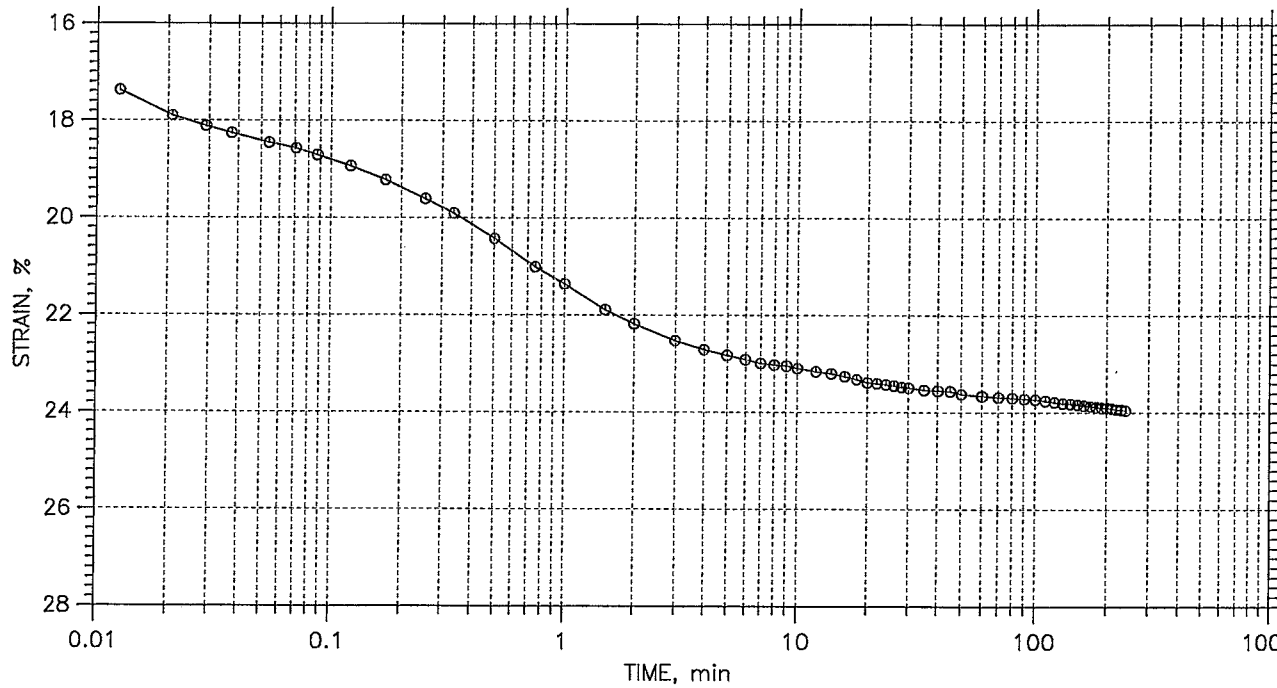
Thu, 19-APR-2007 15:09:00

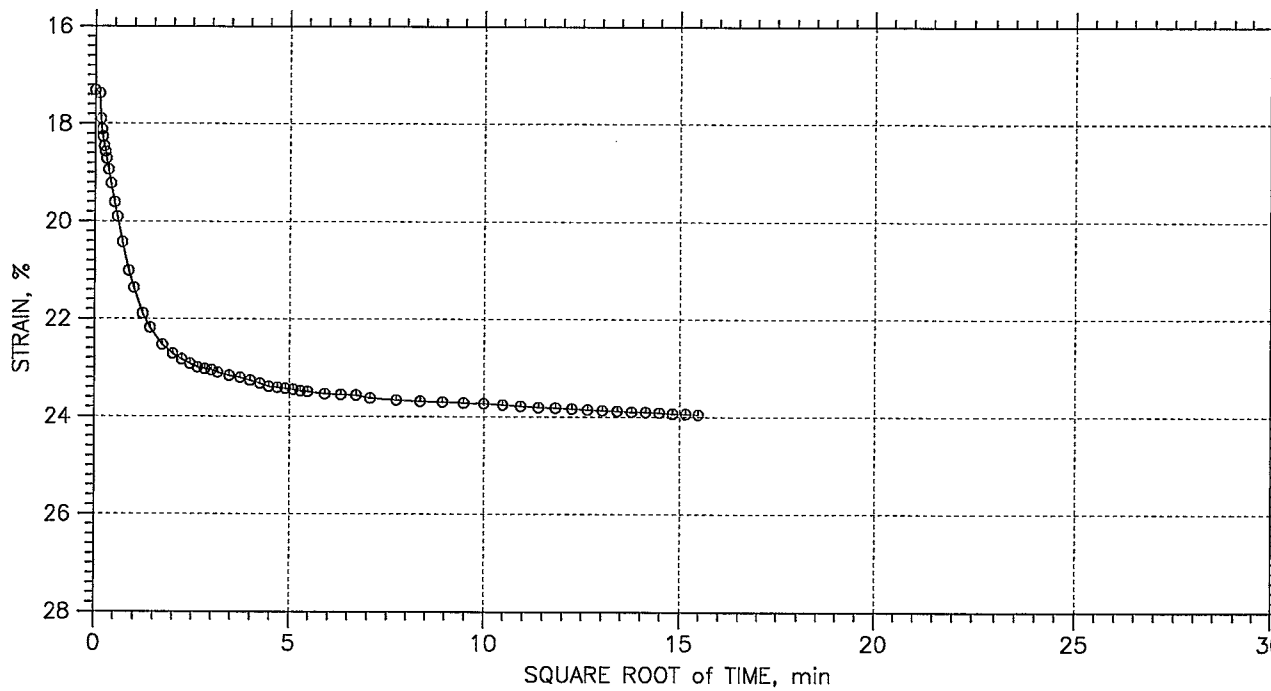
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

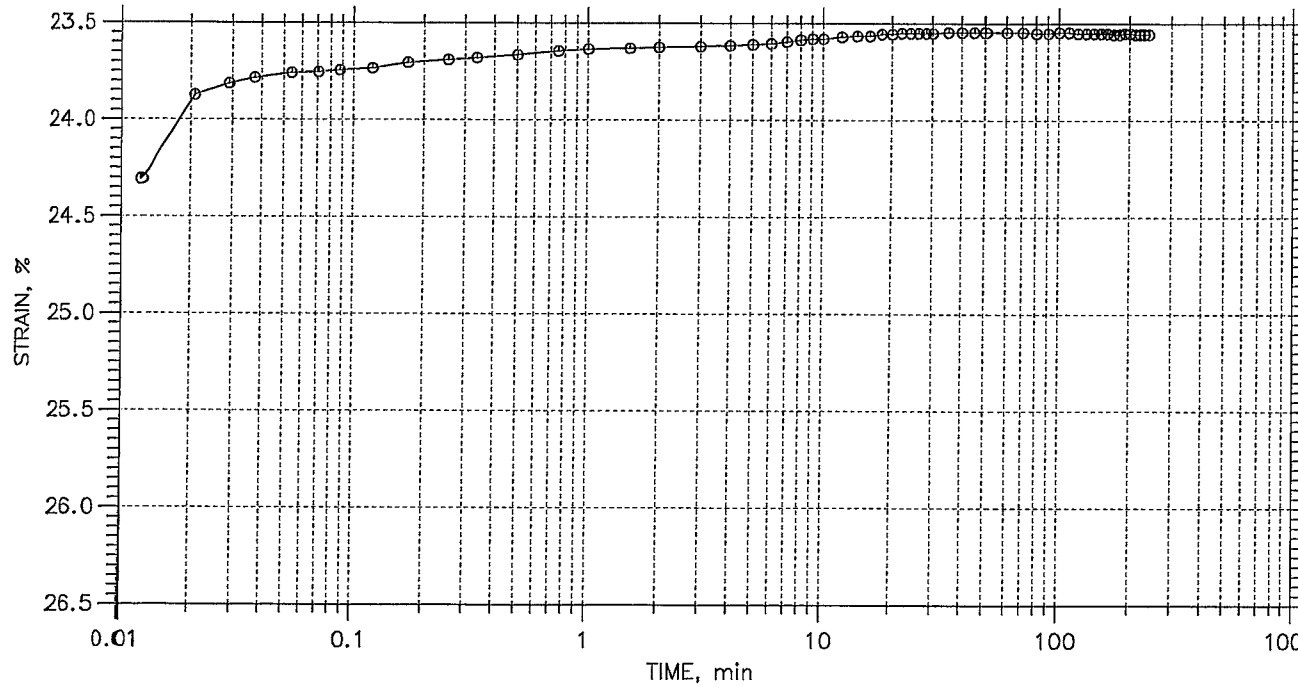
Thu, 19-APR-2007 15:09:01

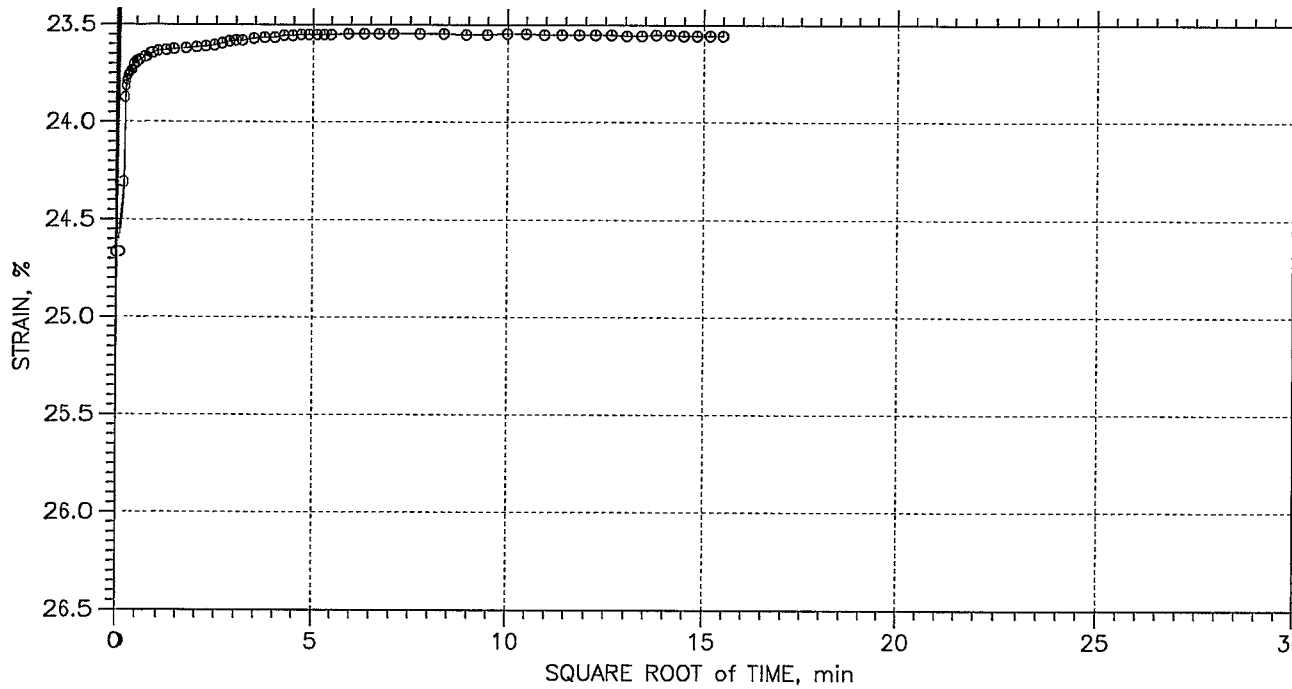
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

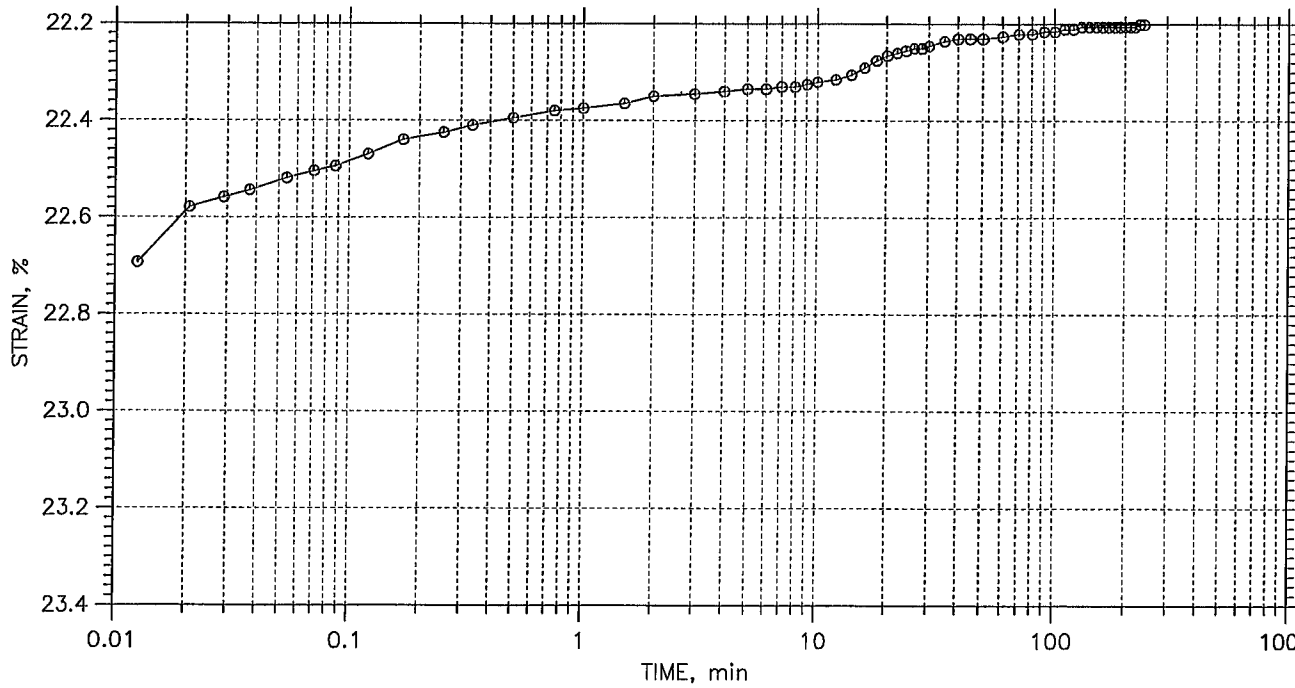
Thu, 19-APR-2007 15:09:02

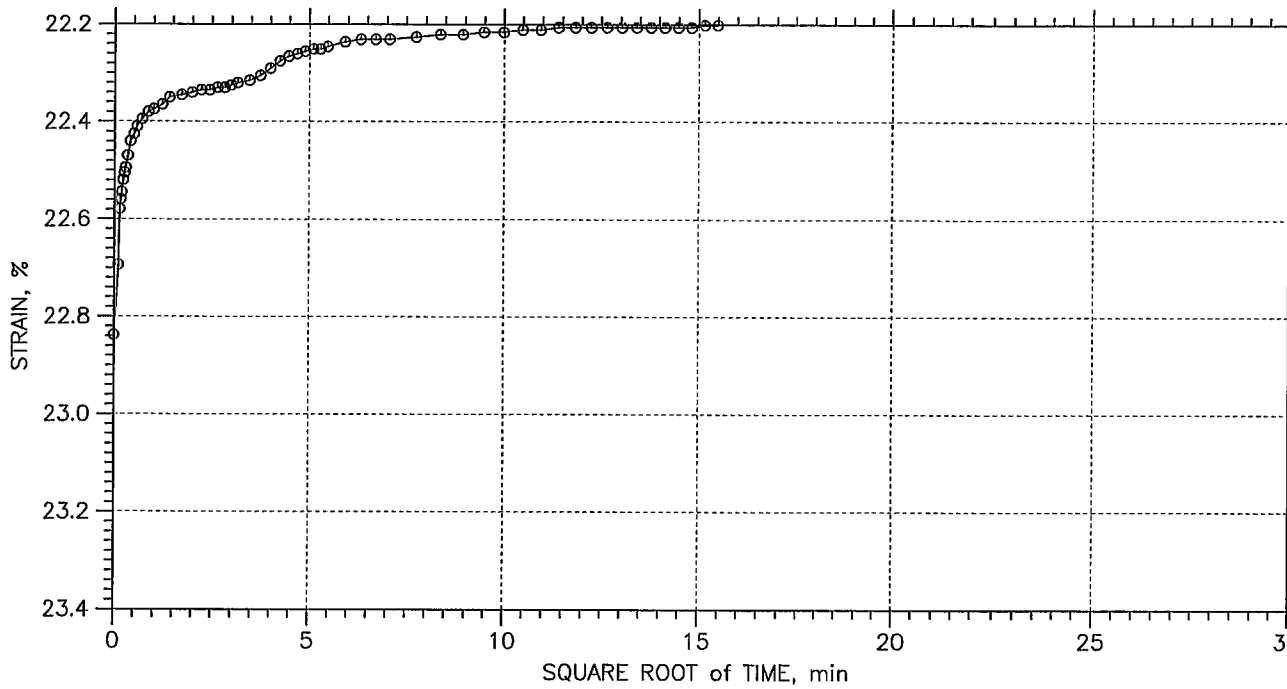
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

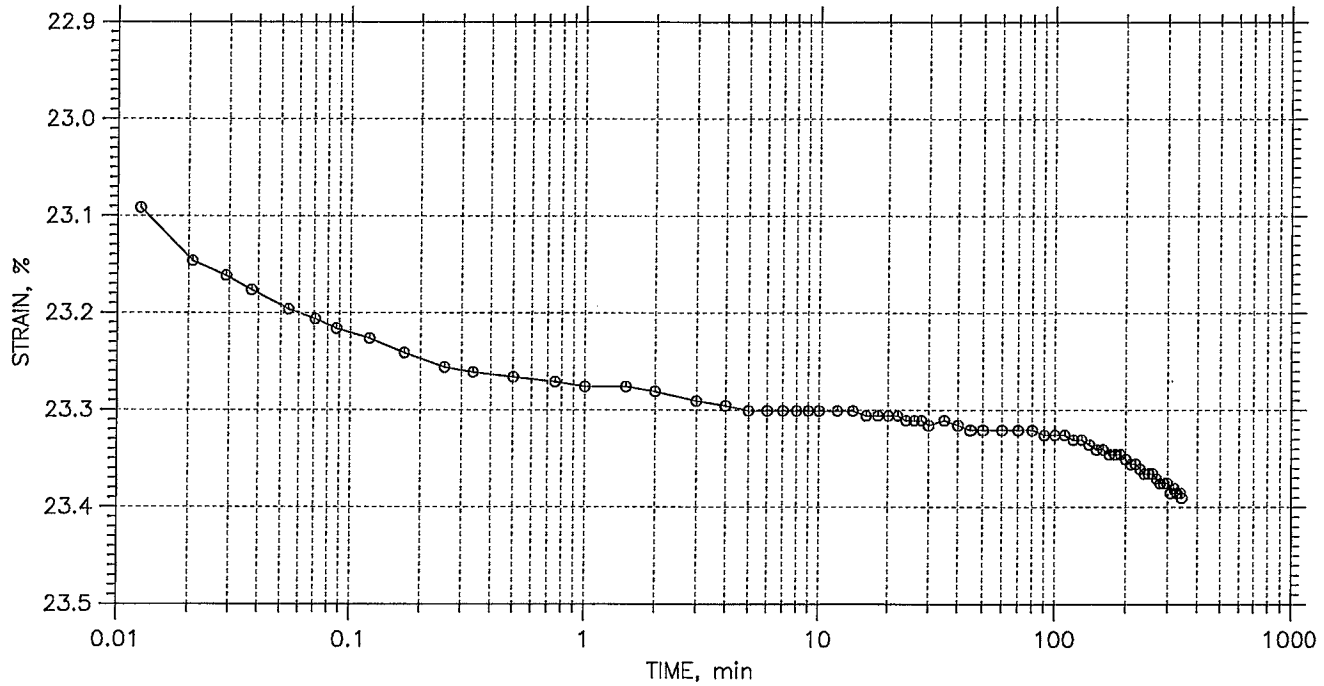
Thu, 19-APR-2007 15:09:03

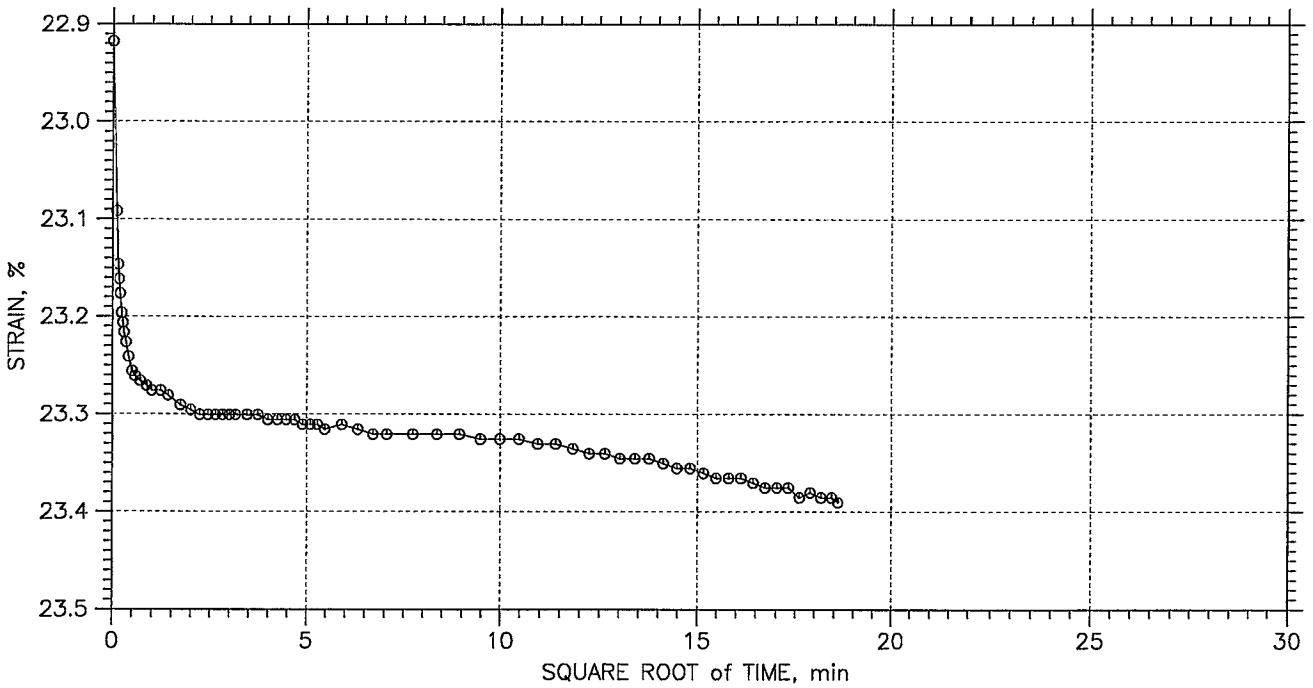
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

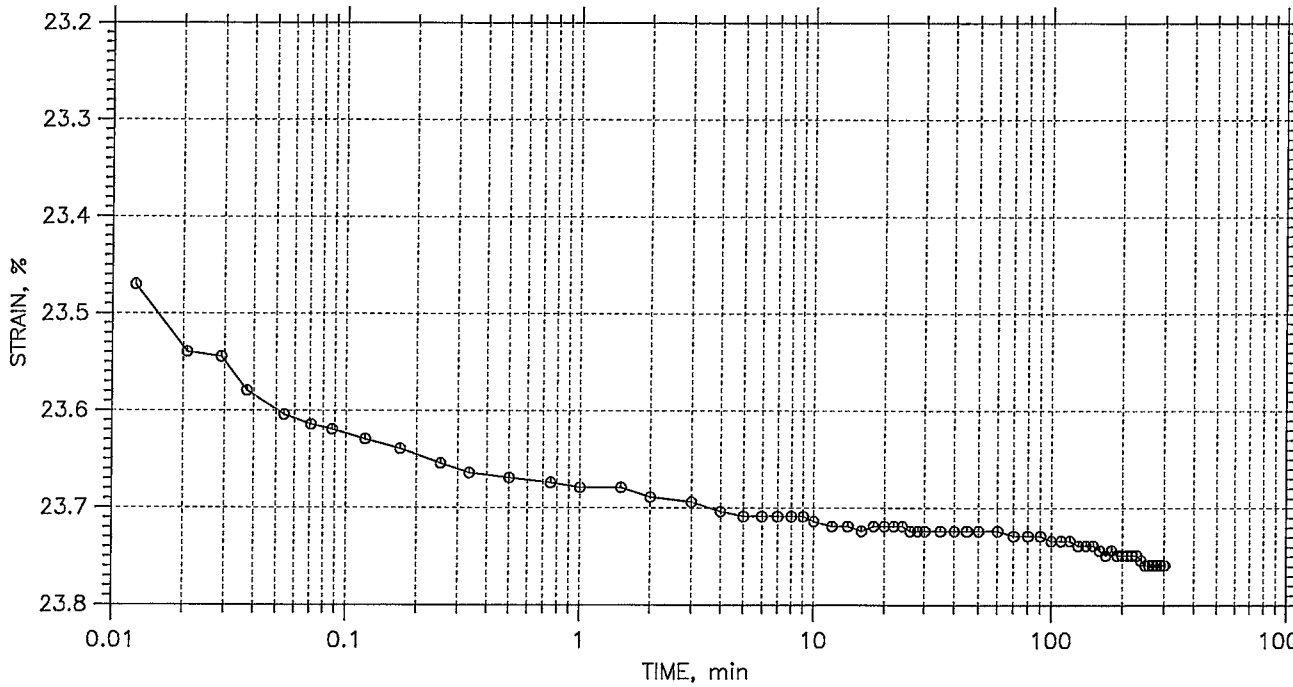
Thu, 19-APR-2007 15:09:04

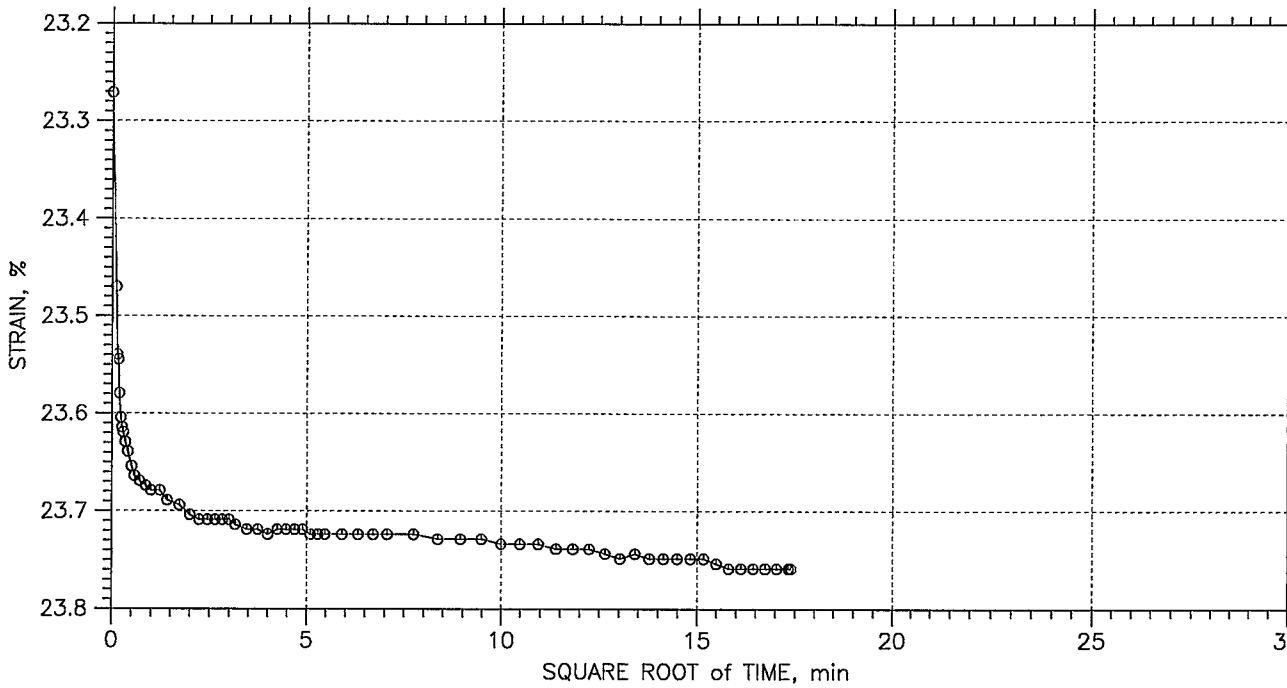
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

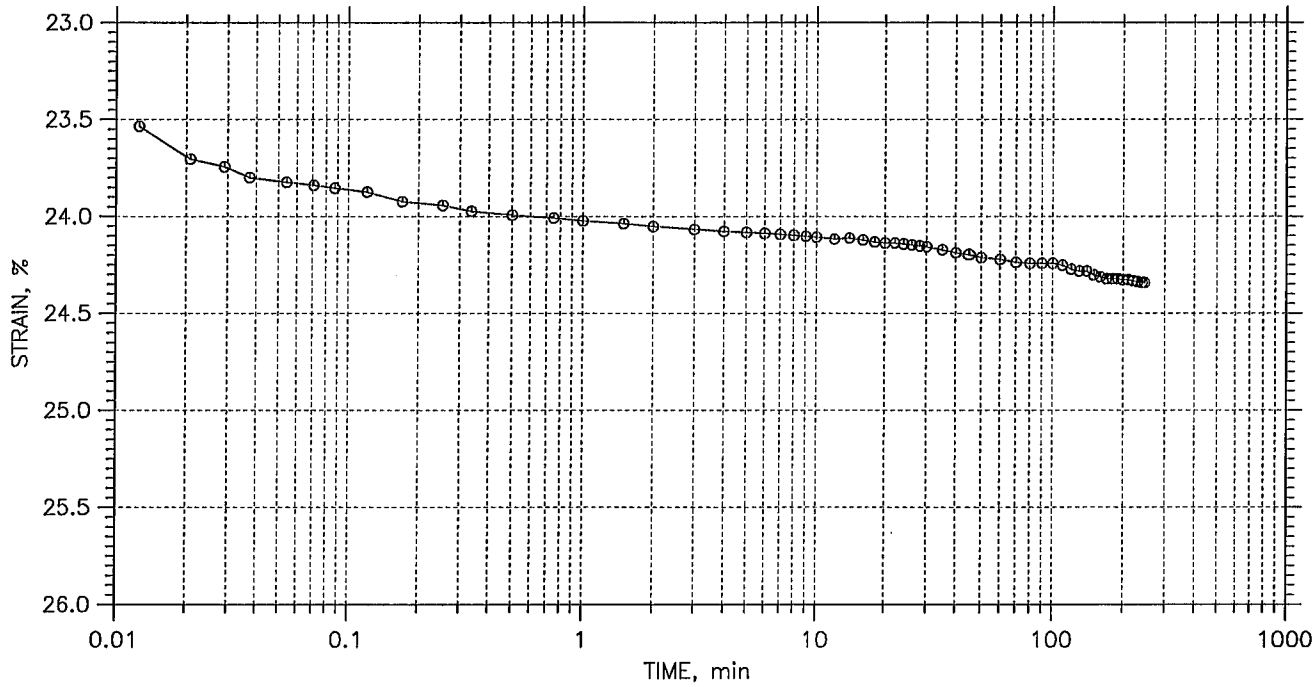
Thu, 19-APR-2007 15:09:06

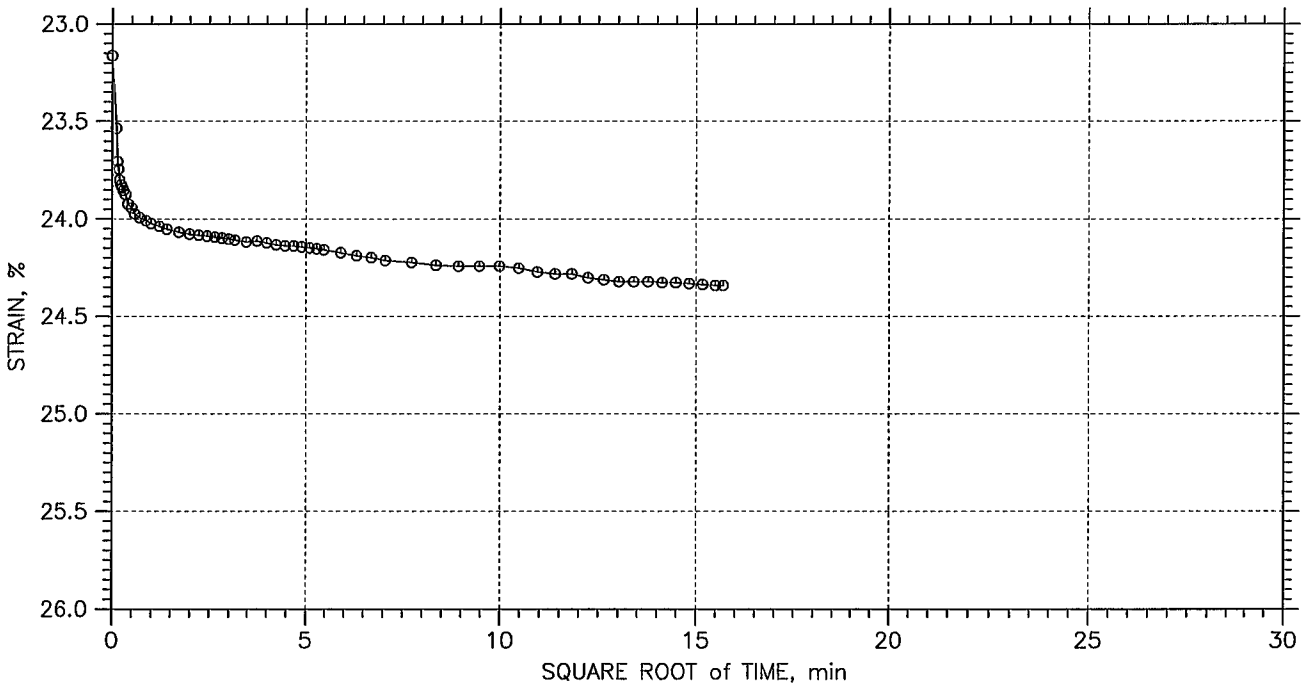
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



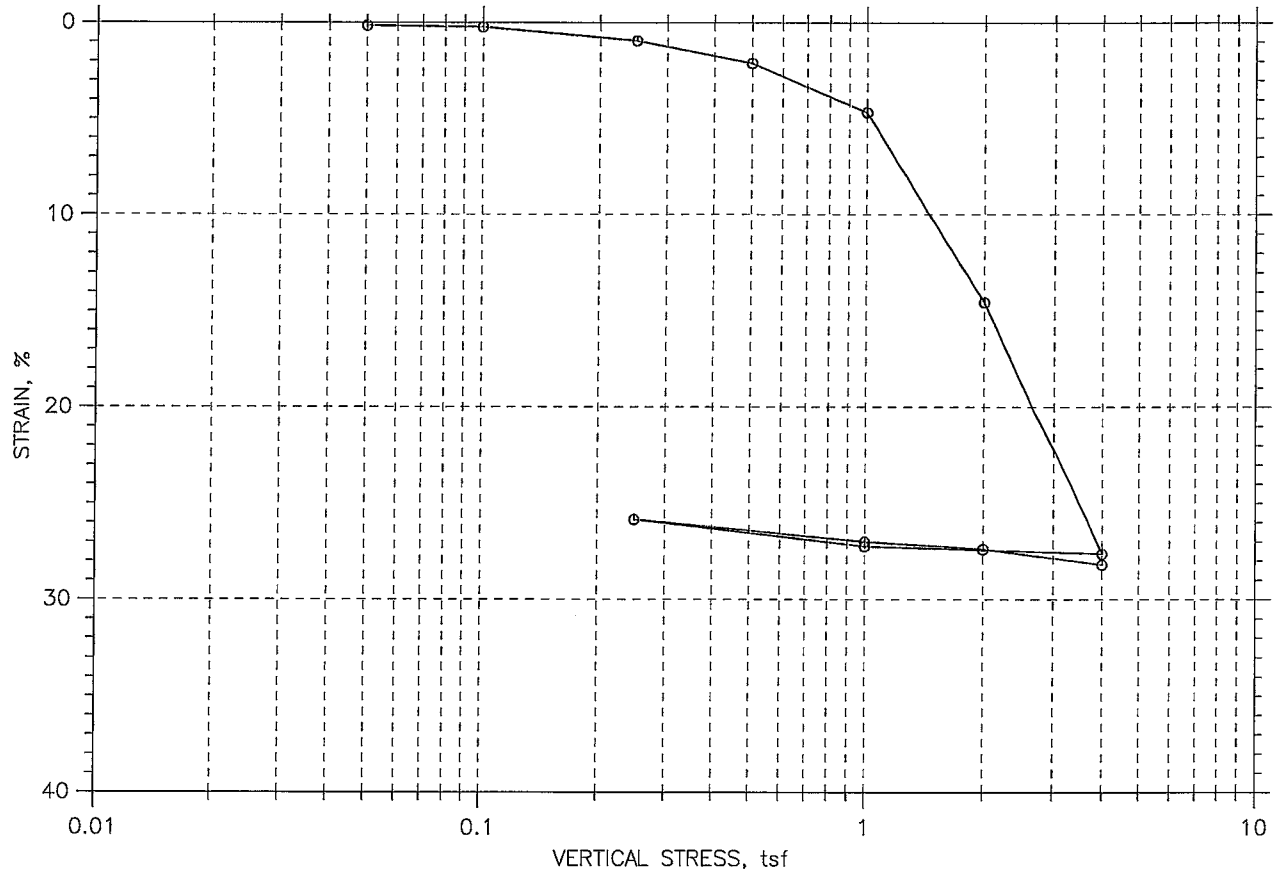


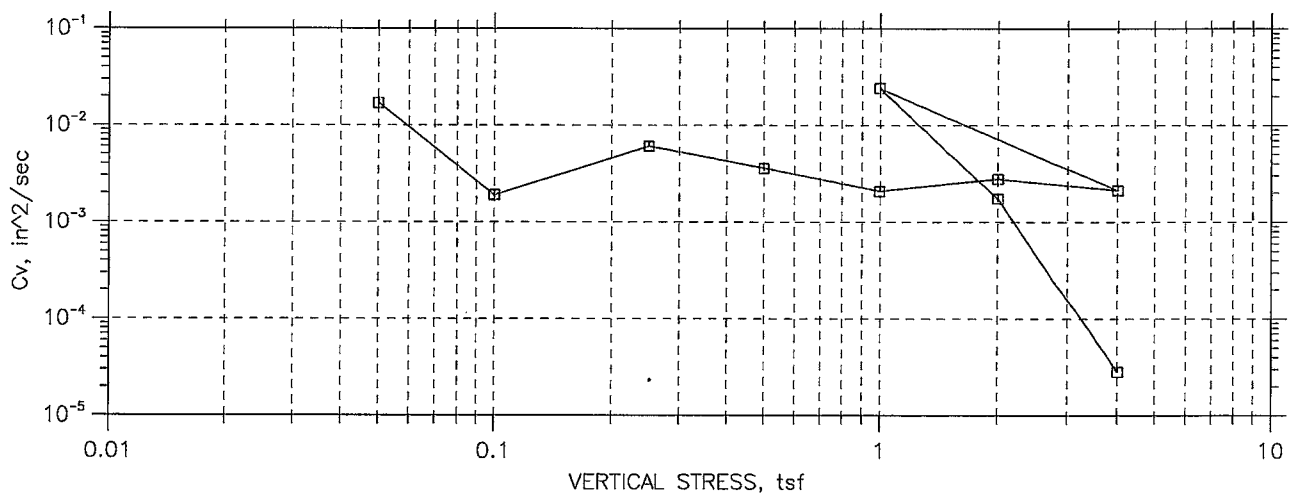
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-03	Tested By: yf	Checked By: jdt
	Sample No.: 0297-17	Test Date: 03/12/07	Depth: 58-60 ft
	Test No.: C-10	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Thu, 19-APR-2007 15:09:07

CONSOLIDATION TEST DATA

SUMMARY REPORT



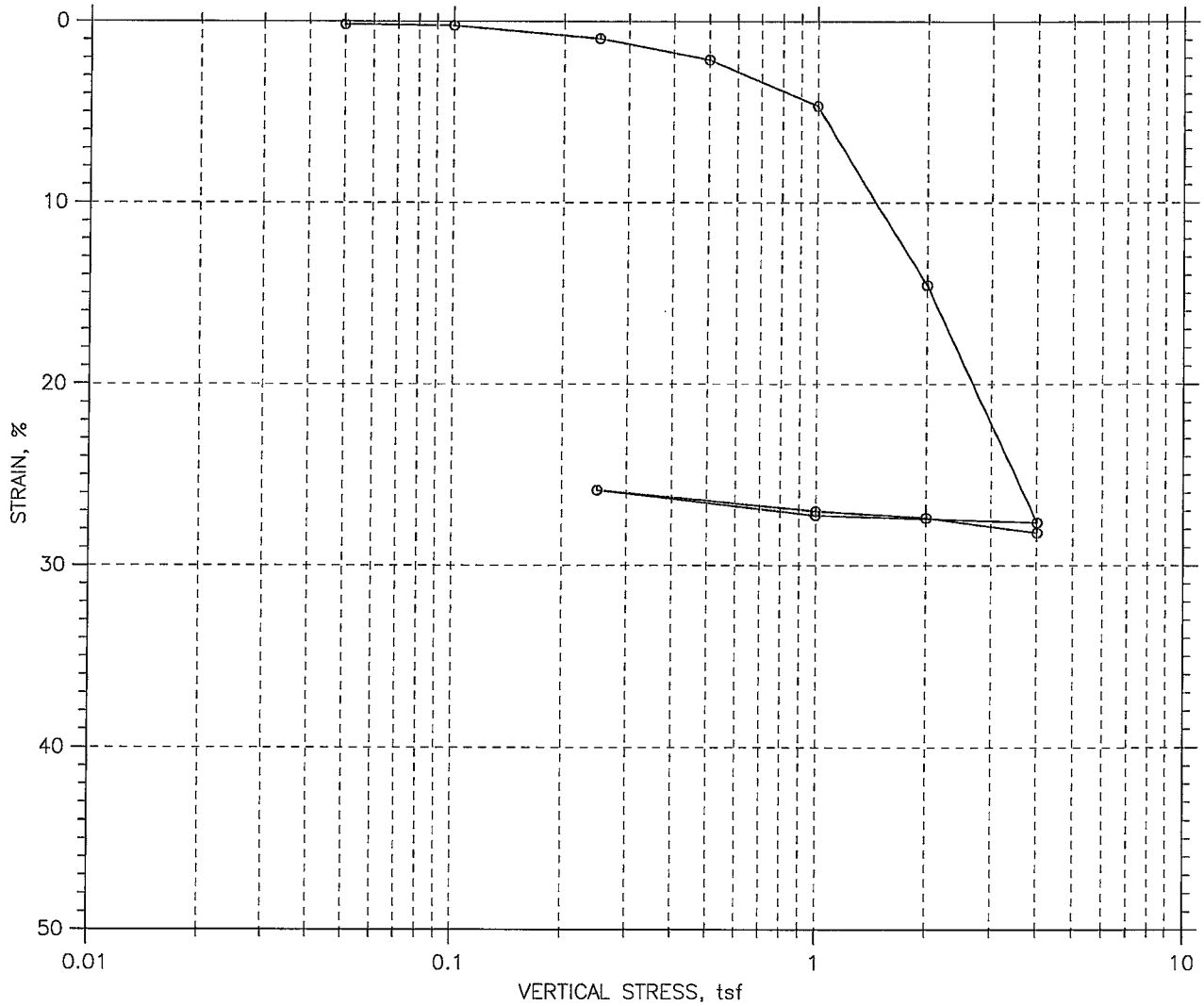


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

Wed, 04-APR-2007 09:38:15

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	236.75	176.23
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	20.55	28.62
Compression Index: ---				Saturation, %	89.11	97.86
Diameter: 2.5 in		Height: 1 in		Void Ratio	6.99	4.74
LL: 177	PL: 129	PI: 48	GS: 2.63			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

Wed, 04-APR-2007 09:38:17

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-04A
Sample No.: 0297-18
Test No.: C-15

Location: Syracuse, NY
Tested By: md
Test Date: 03/26/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 12-14 ft
Elevation: ---

Soil Description: Moist, light gray silt
Remarks: System R

Measured Specific Gravity: 2.63
Initial Void Ratio: 6.99
Final Void Ratio: 4.74

Liquid Limit: 177
Plastic Limit: 129
Plasticity Index: 48

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2134E	RING		2438
Wt. Container + Wet Soil, gm	162.11	200.15	184.12	74.59
Wt. Container + Dry Soil, gm	63.79	137.45	137.45	32.26
Wt. Container, gm	8.19	110.96	110.96	8.24
Wt. Dry Soil, gm	55.6	26.485	26.485	24.02
Water Content, %	176.83	236.75	176.23	176.23
Void Ratio	---	6.99	4.74	---
Degree of Saturation, %	---	89.11	97.86	---
Dry Unit Weight, pcf	---	20.555	28.623	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-04A
Sample No.: 0297-18
Test No.: C-15

Location: Syracuse, NY
Tested By: md
Test Date: 03/26/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 12-14 ft
Elevation: ---

Soil Description: Moist, light gray silt
Remarks: System R

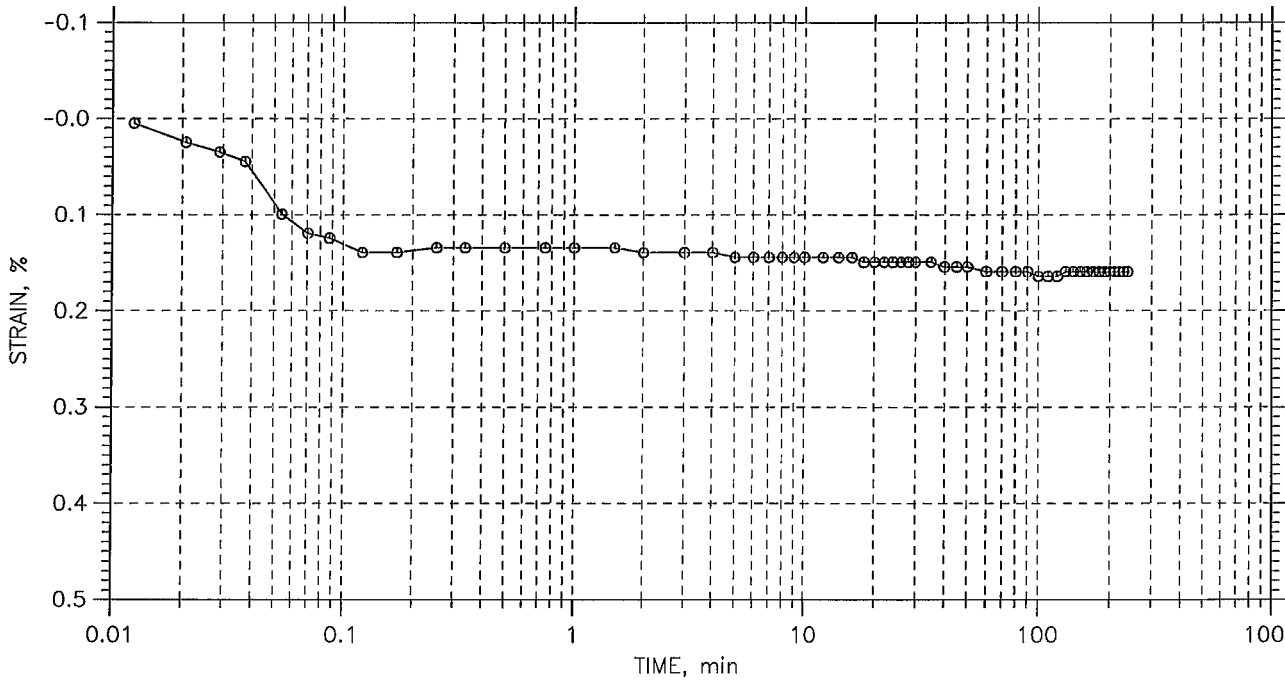
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.001591	6.975	0.16	0.0	0.0	1.70e-002	0.00e+000	1.70e-002
2	0.1	0.002289	6.969	0.23	0.4	0.0	1.90e-003	0.00e+000	1.90e-003
3	0.25	0.009457	6.912	0.95	0.2	0.0	3.55e-003	2.15e-002	6.09e-003
4	0.5	0.02115	6.819	2.12	0.4	0.1	2.17e-003	1.05e-002	3.60e-003
5	1	0.04674	6.614	4.67	0.4	0.0	2.08e-003	0.00e+000	2.08e-003
6	2	0.1455	5.825	14.55	0.3	0.2	2.45e-003	3.22e-003	2.78e-003
7	4	0.2763	4.781	27.63	0.3	0.2	1.90e-003	2.42e-003	2.13e-003
8	1	0.2724	4.812	27.24	0.0	0.0	2.45e-002	0.00e+000	2.45e-002
9	0.25	0.2585	4.923	25.85	0.3	0.1	1.32e-003	6.23e-003	2.18e-003
10	1	0.27	4.831	27.00	0.0	0.0	2.42e-002	0.00e+000	2.42e-002
11	2	0.2738	4.800	27.38	0.3	0.0	1.74e-003	0.00e+000	1.74e-003
12	4	0.2819	4.736	28.19	15.1	0.0	2.84e-005	0.00e+000	2.84e-005

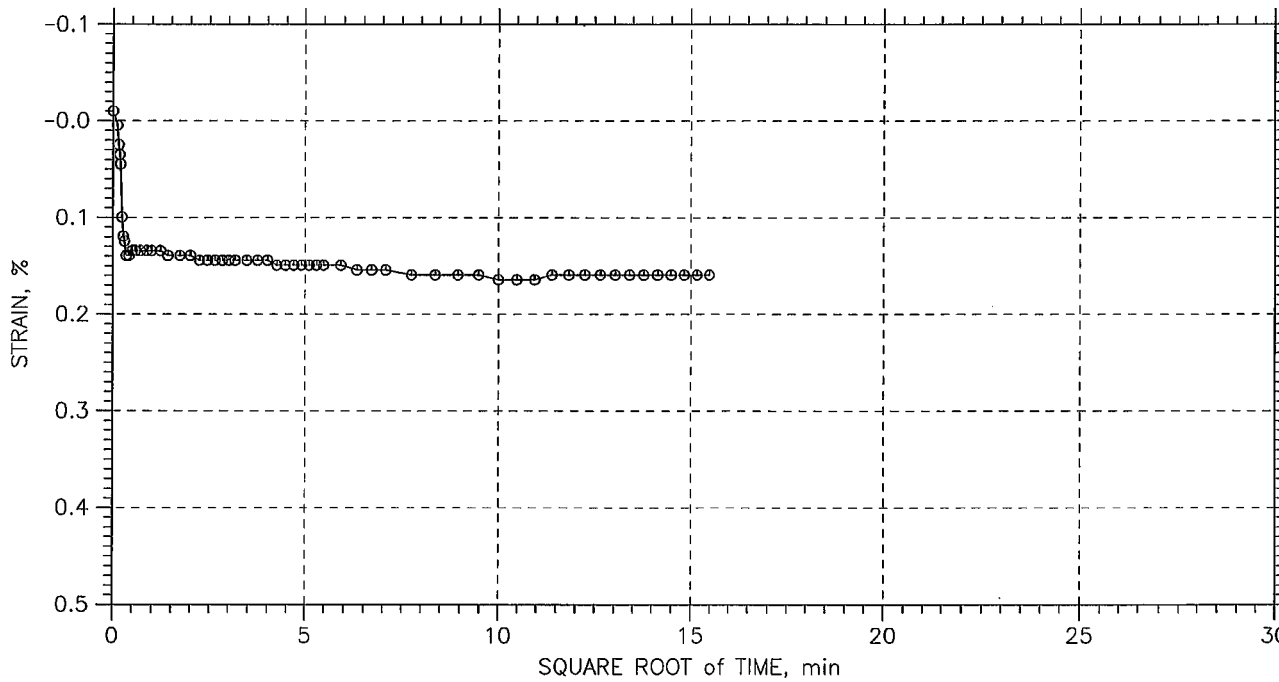
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

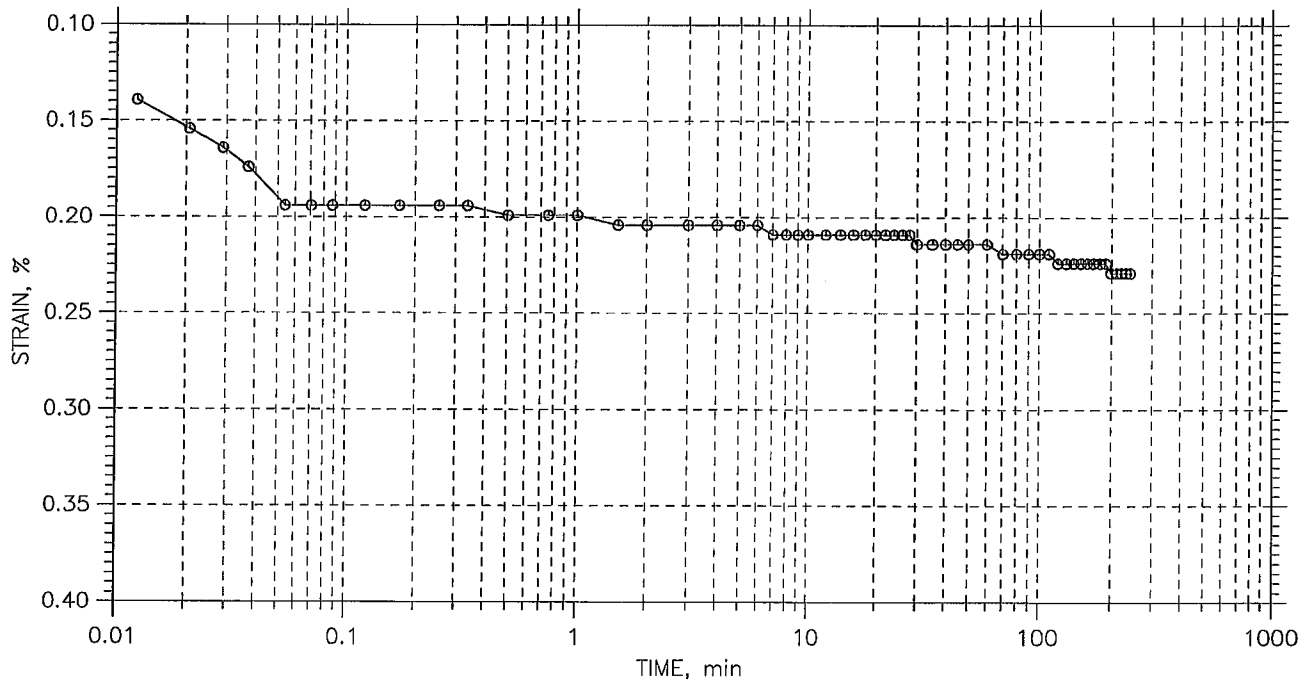
Wed, 04-APR-2007 09:39:43

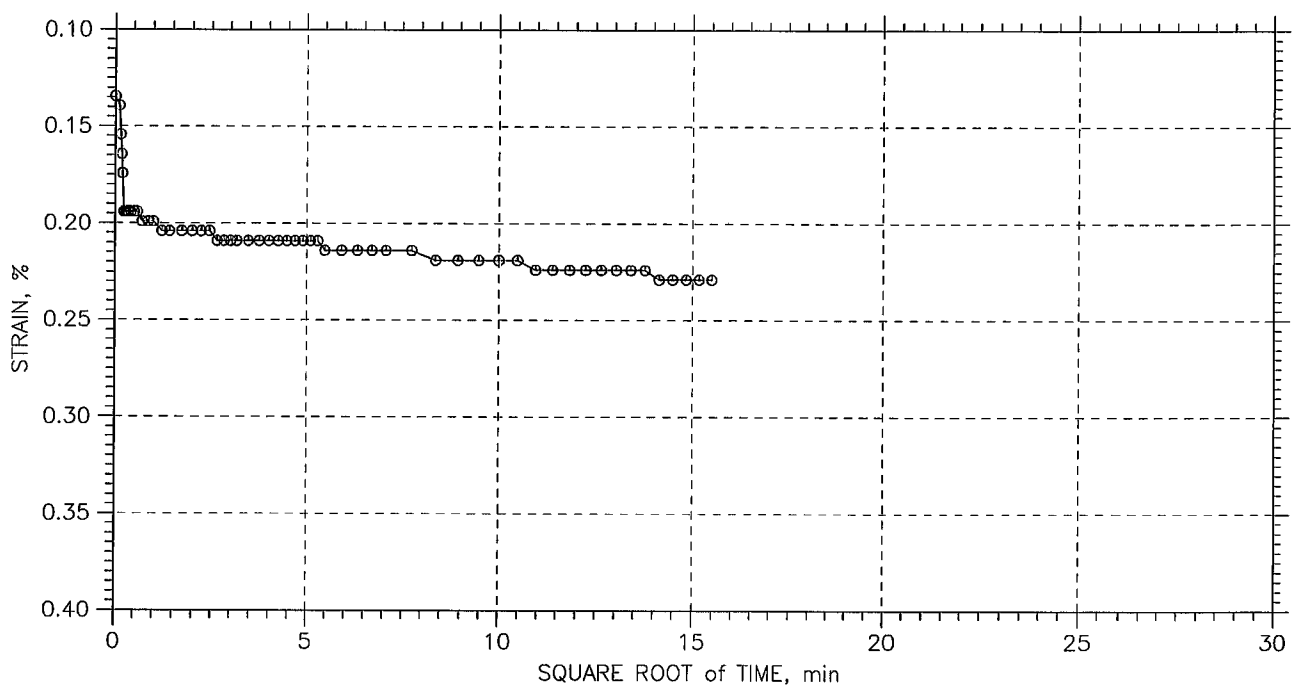
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

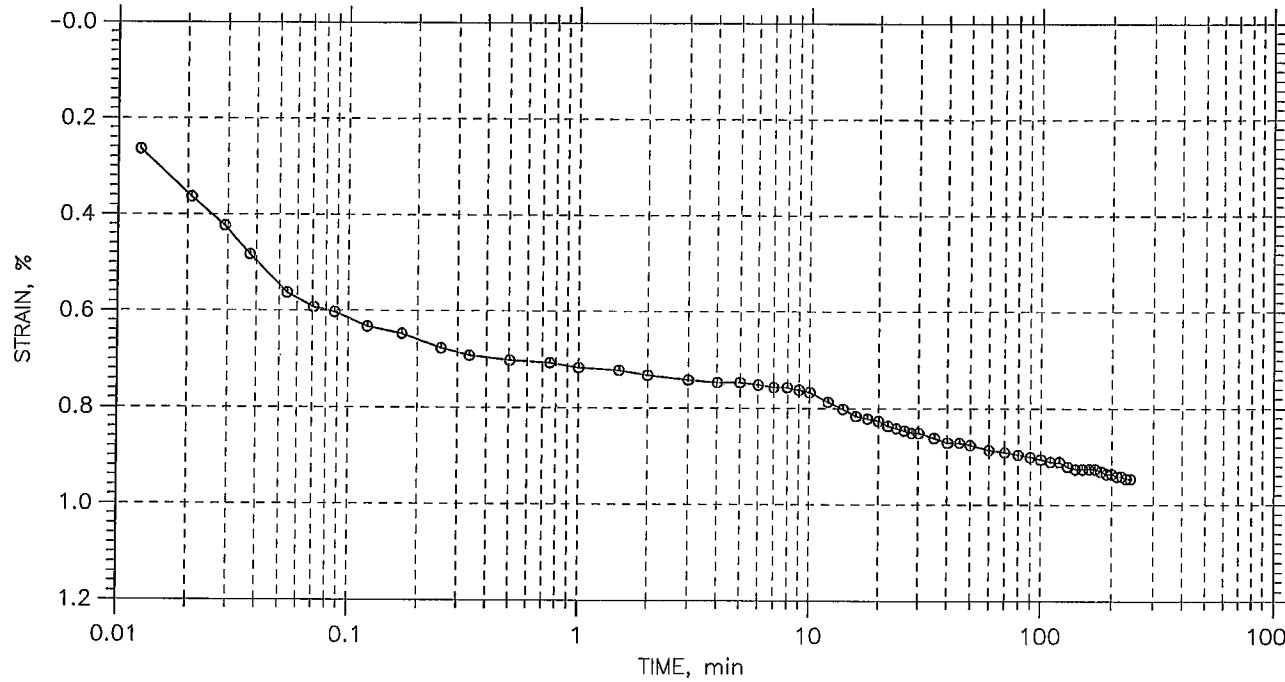
Wed, 04-APR-2007 09:40:48

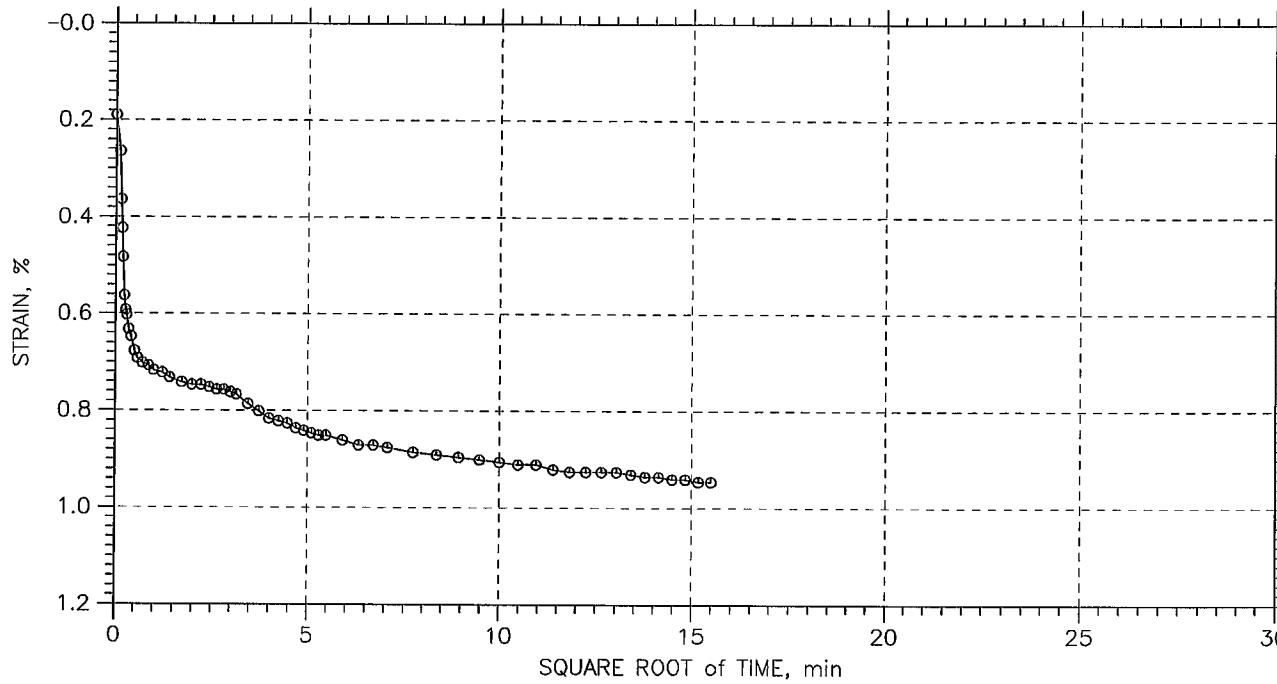
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

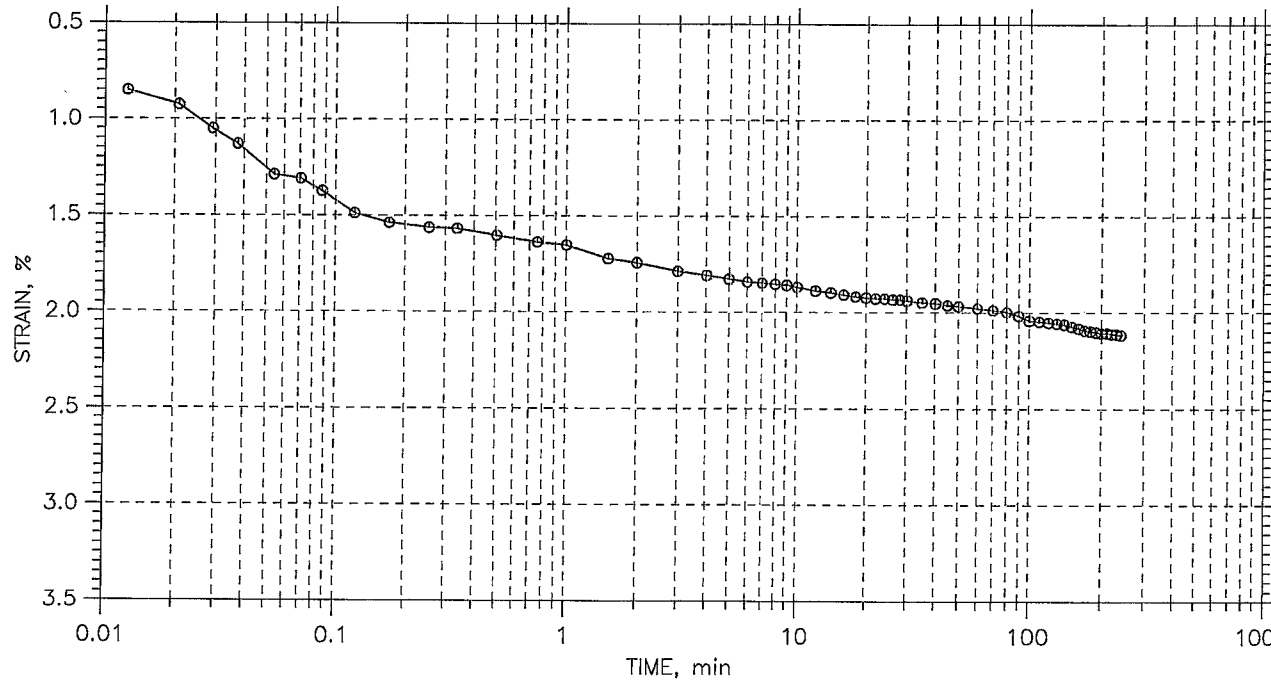
Wed, 04-APR-2007 09:38:25

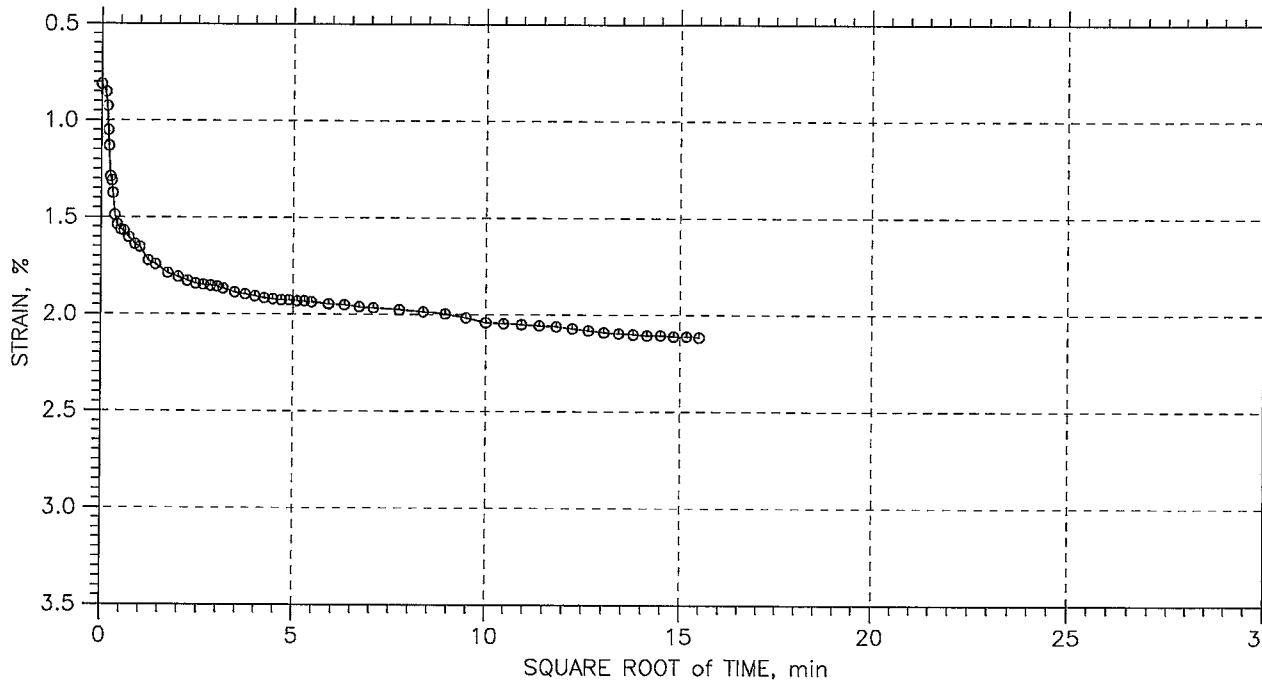
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

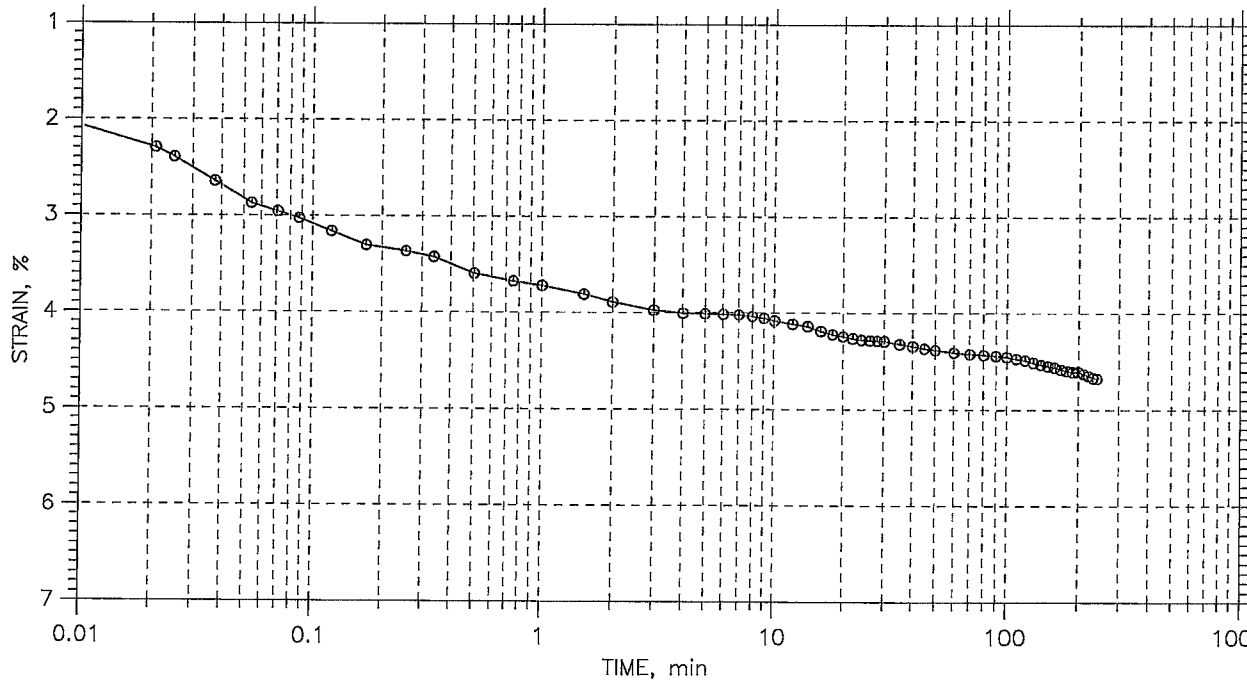
Wed, 04-APR-2007 09:38:28

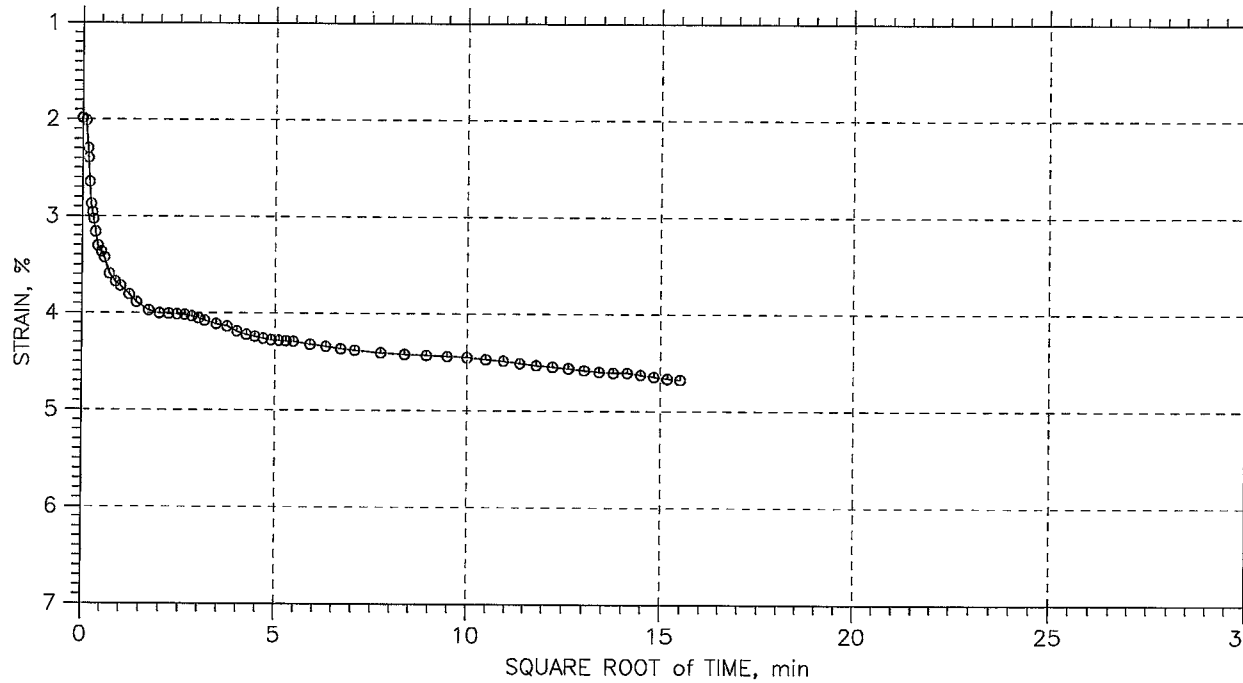
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

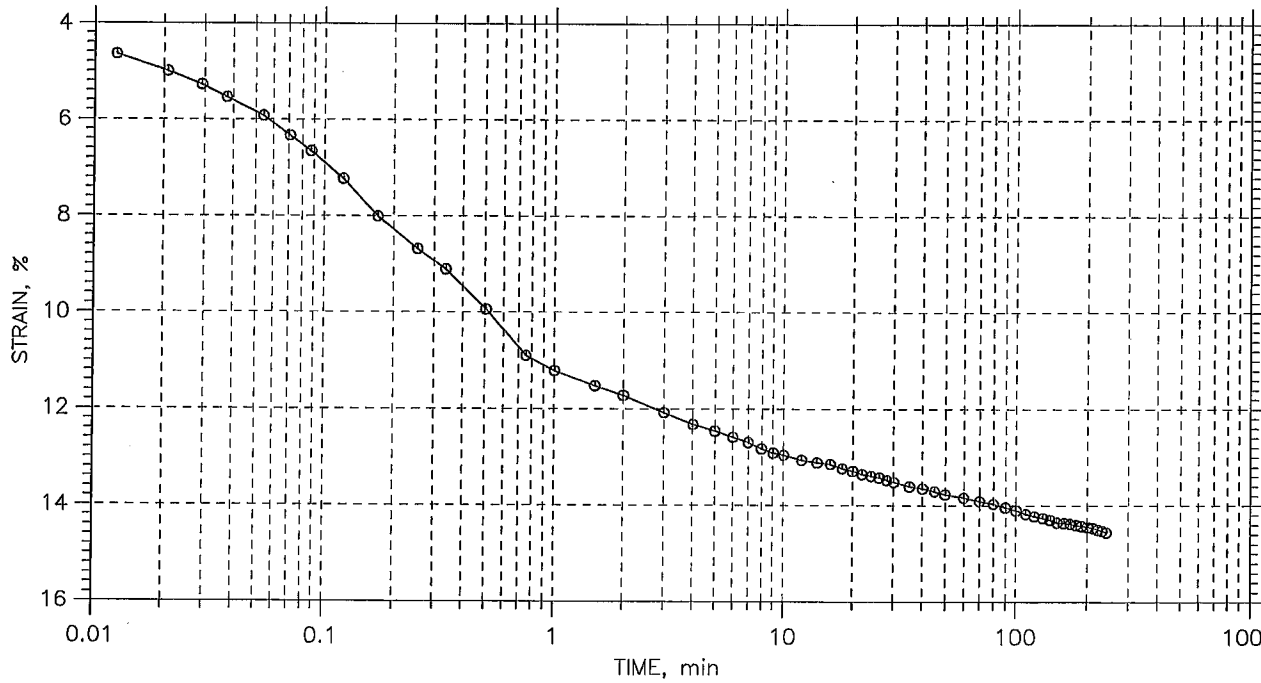
Wed, 04-APR-2007 09:38:31

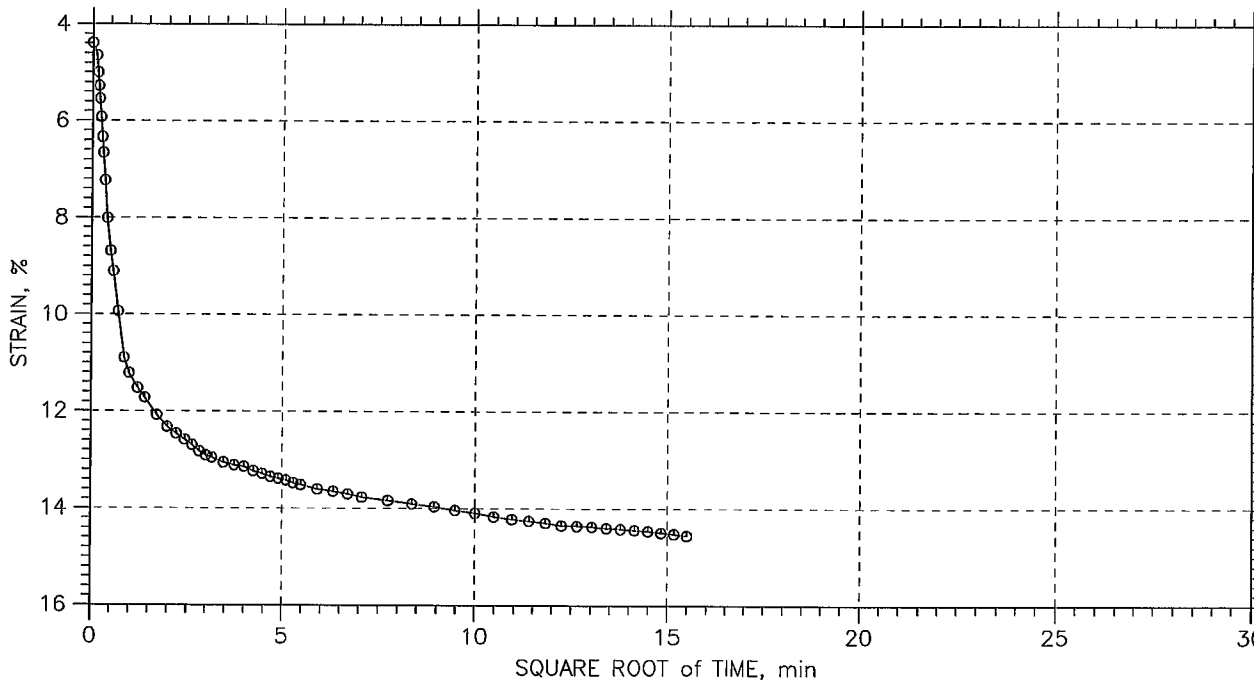
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

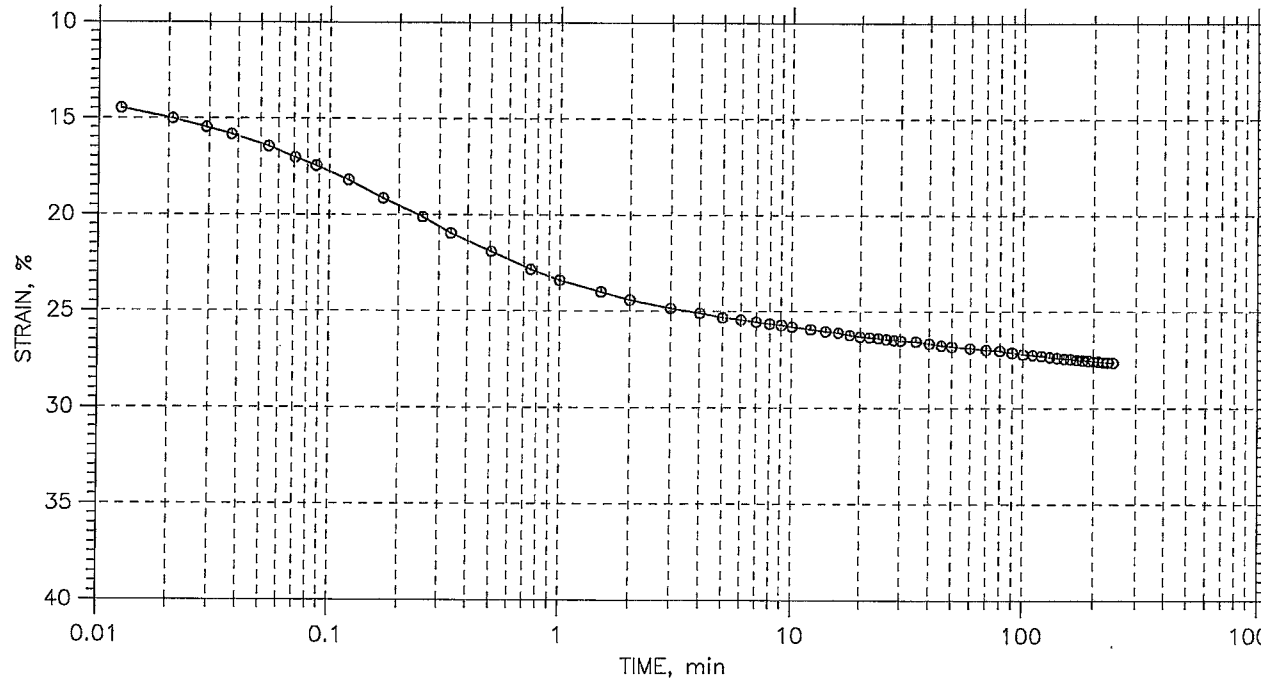
Wed, 04-APR-2007 09:38:34

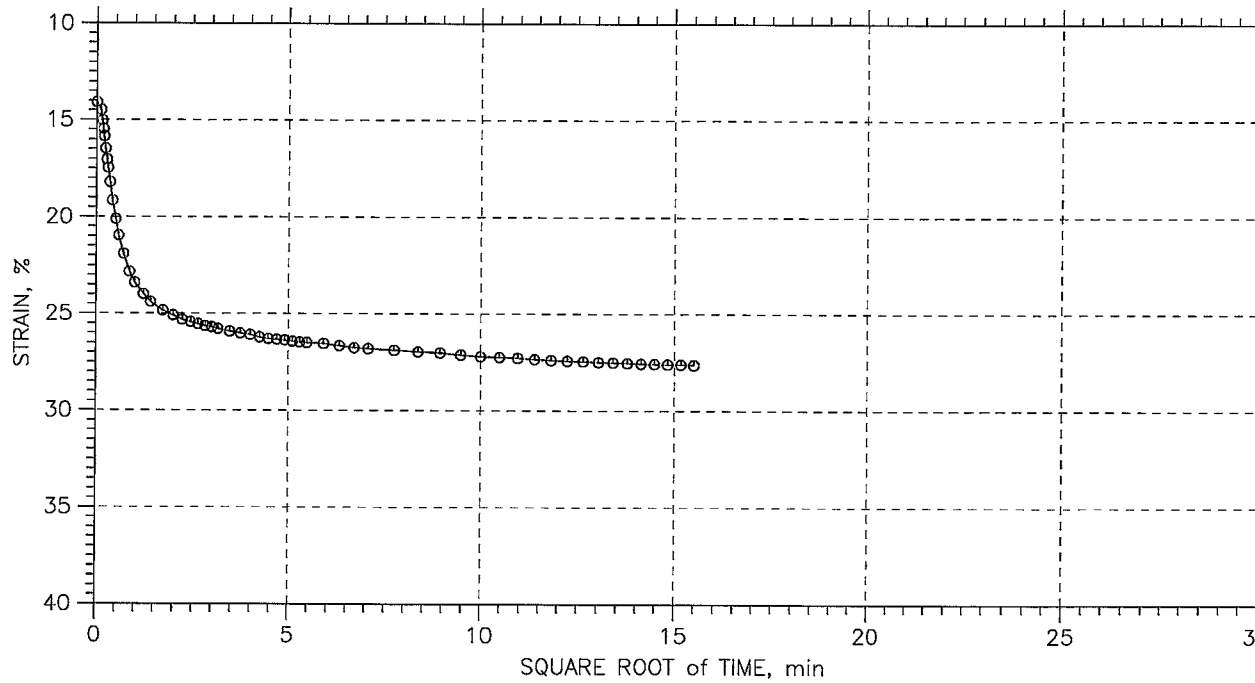
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

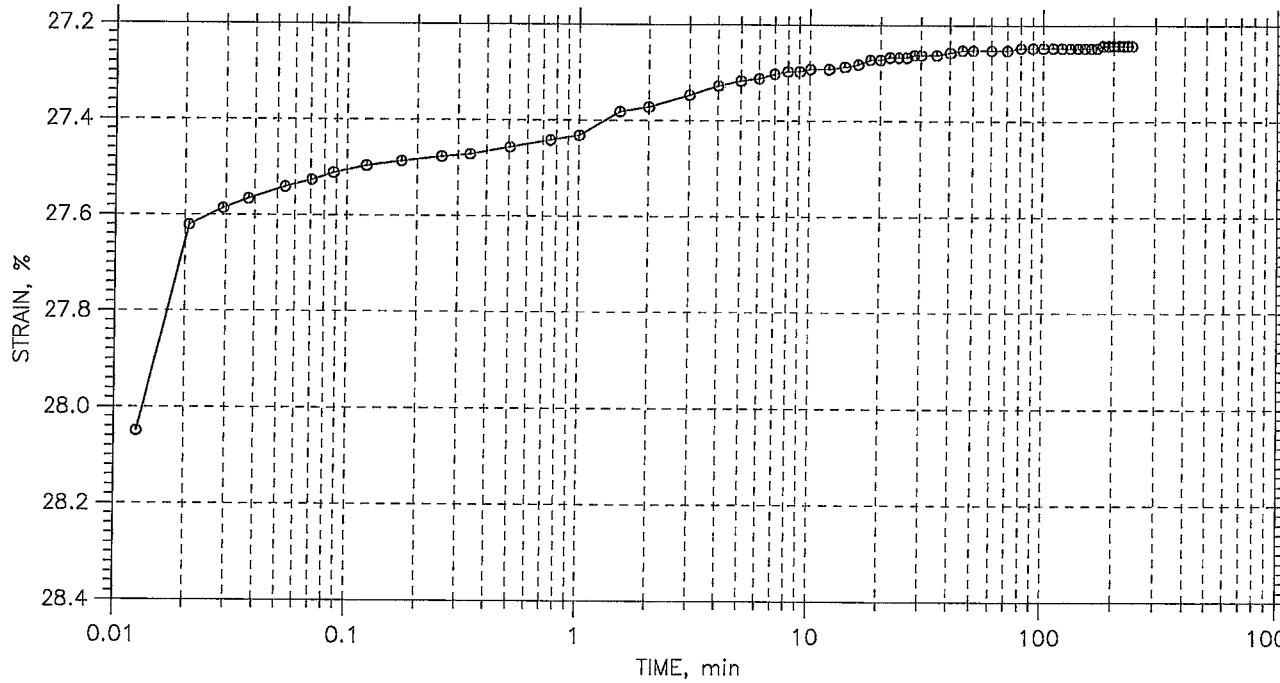
Wed, 04-APR-2007 09:38:36

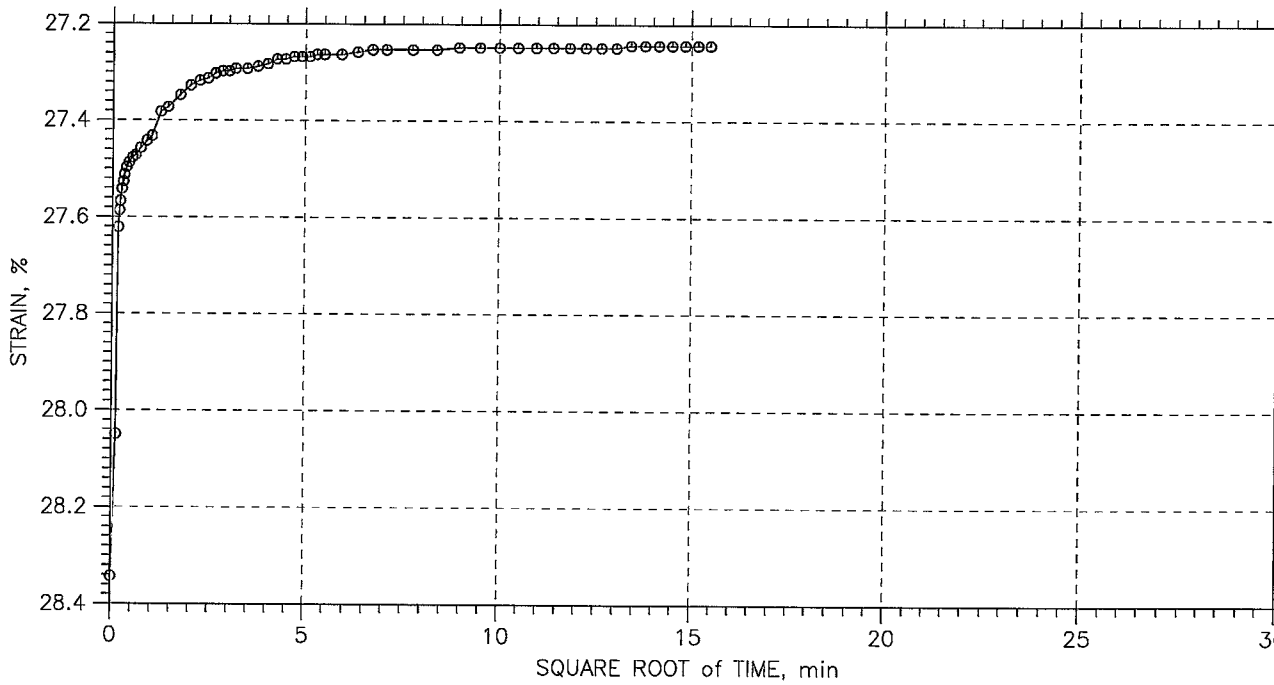
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

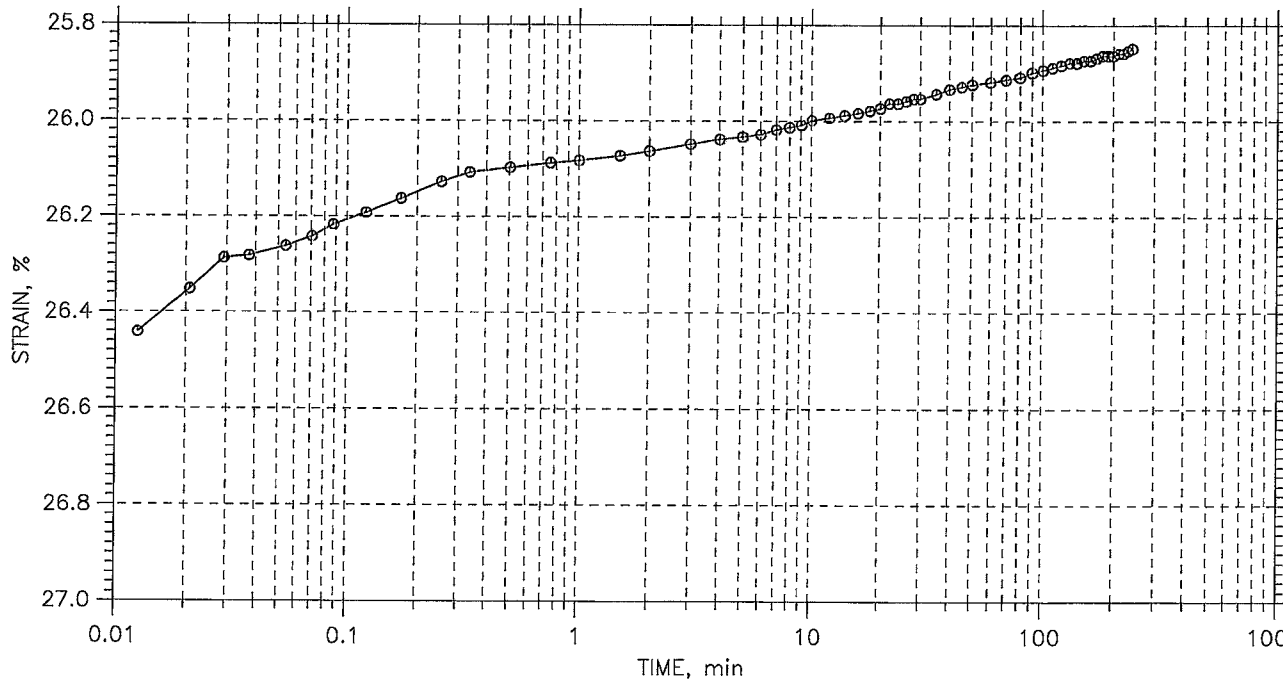
Wed, 04-APR-2007 09:38:39

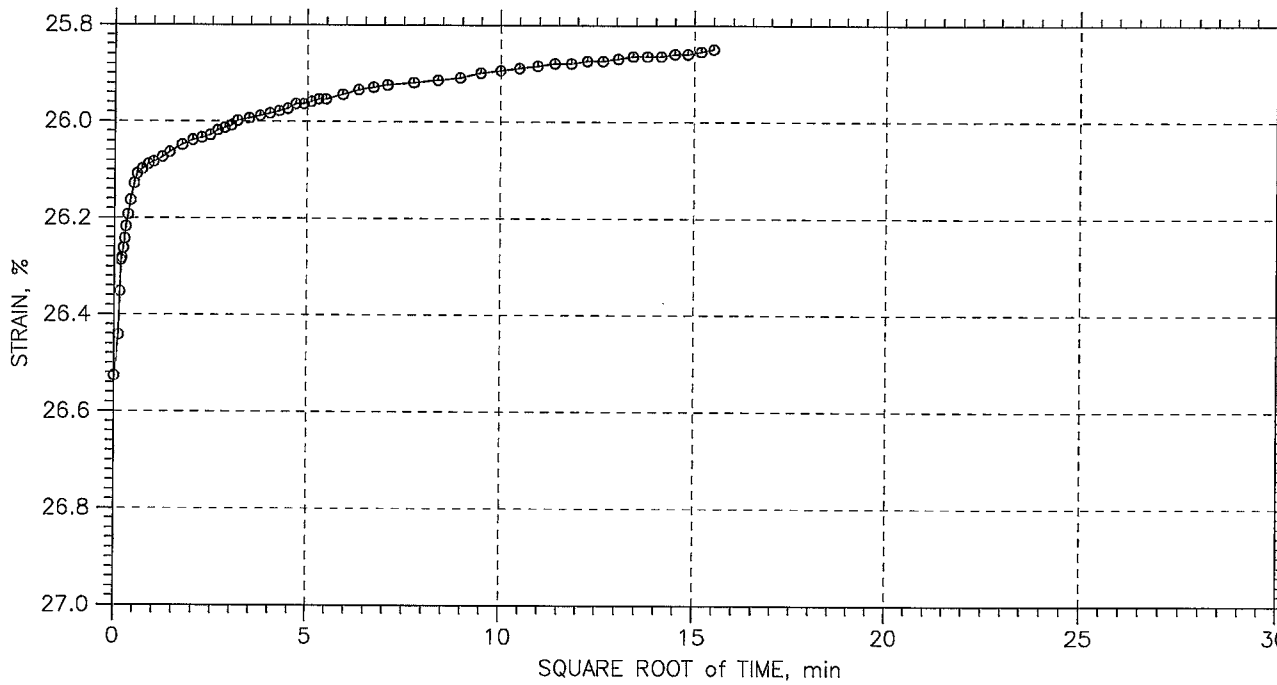
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

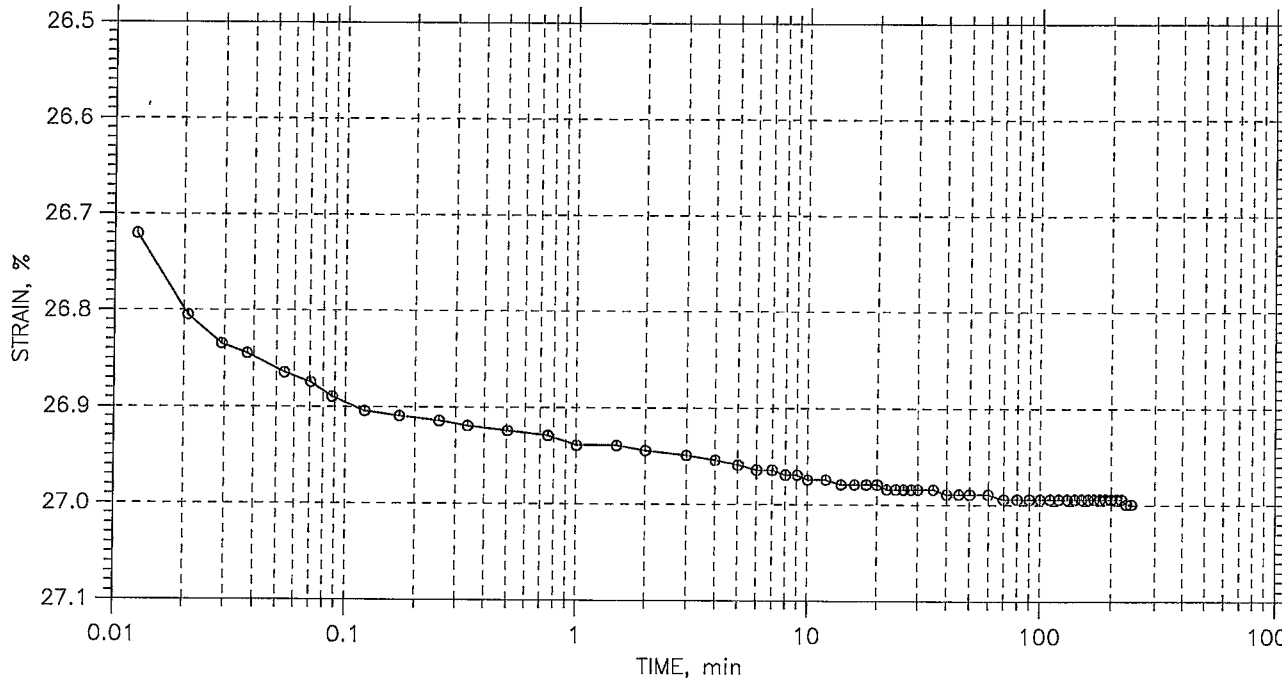
Wed, 04-APR-2007 09:38:42

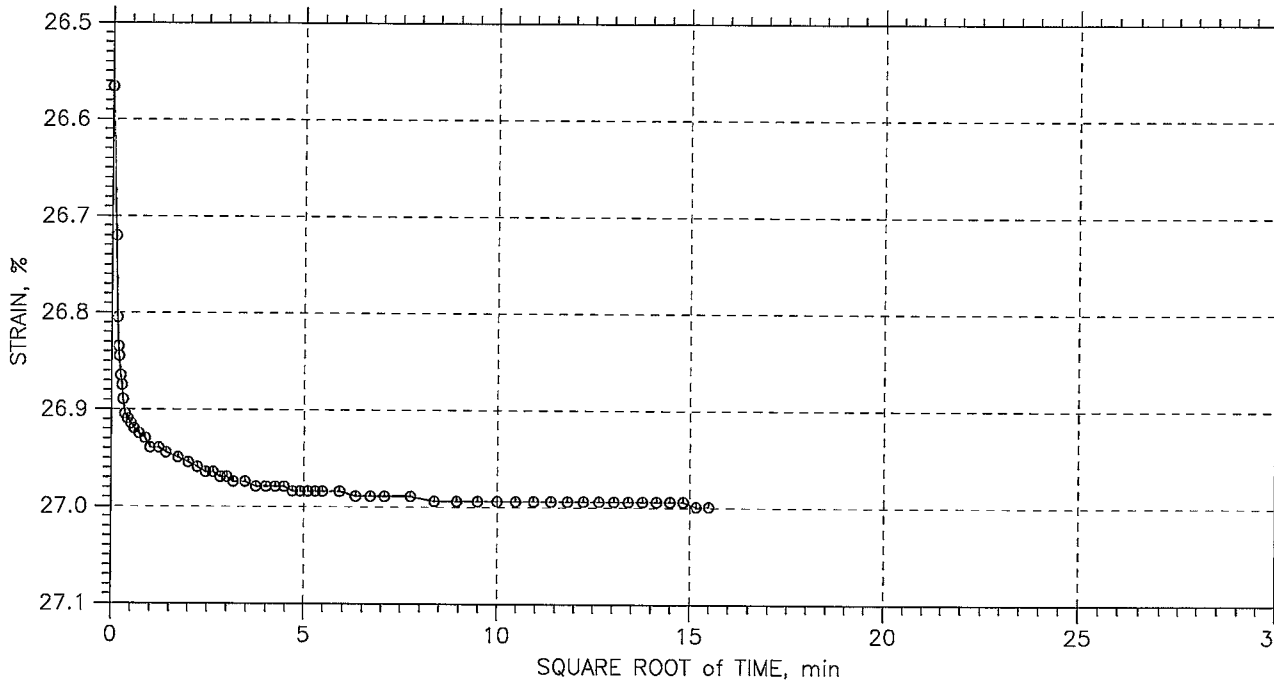
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

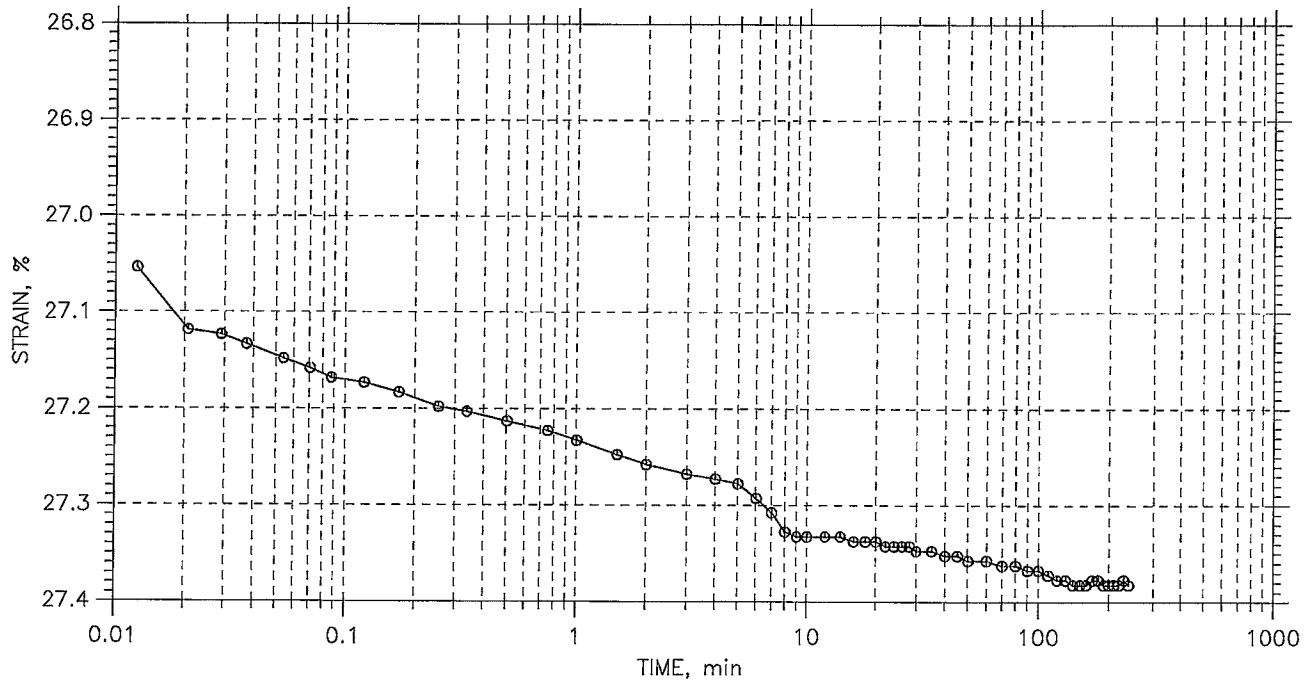
Wed, 04-APR-2007 09:38:45

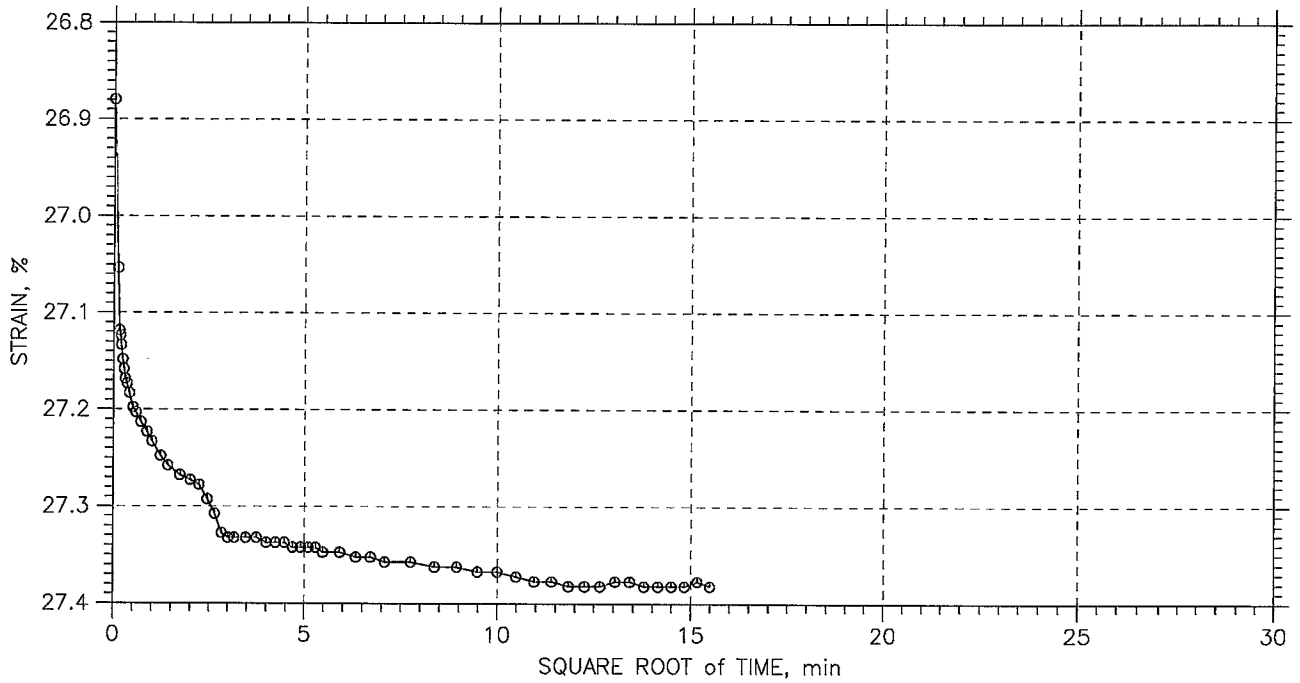
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

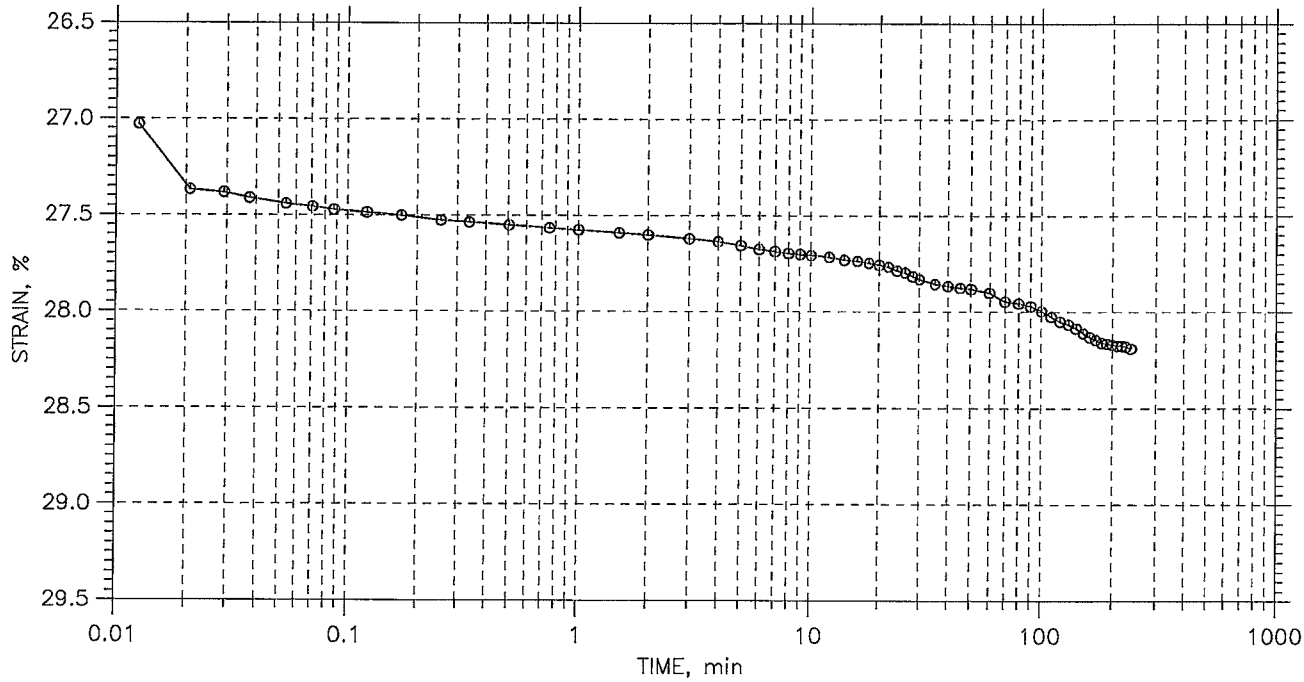
Wed, 04-APR-2007 09:38:47

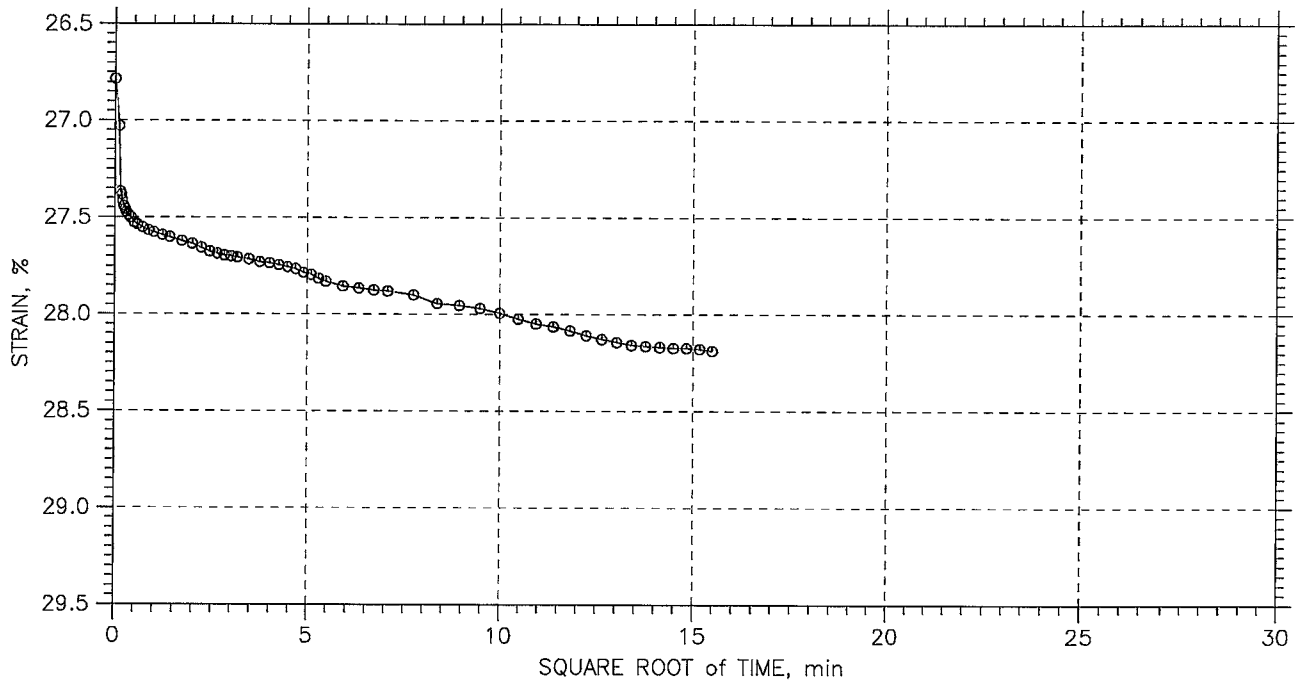
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



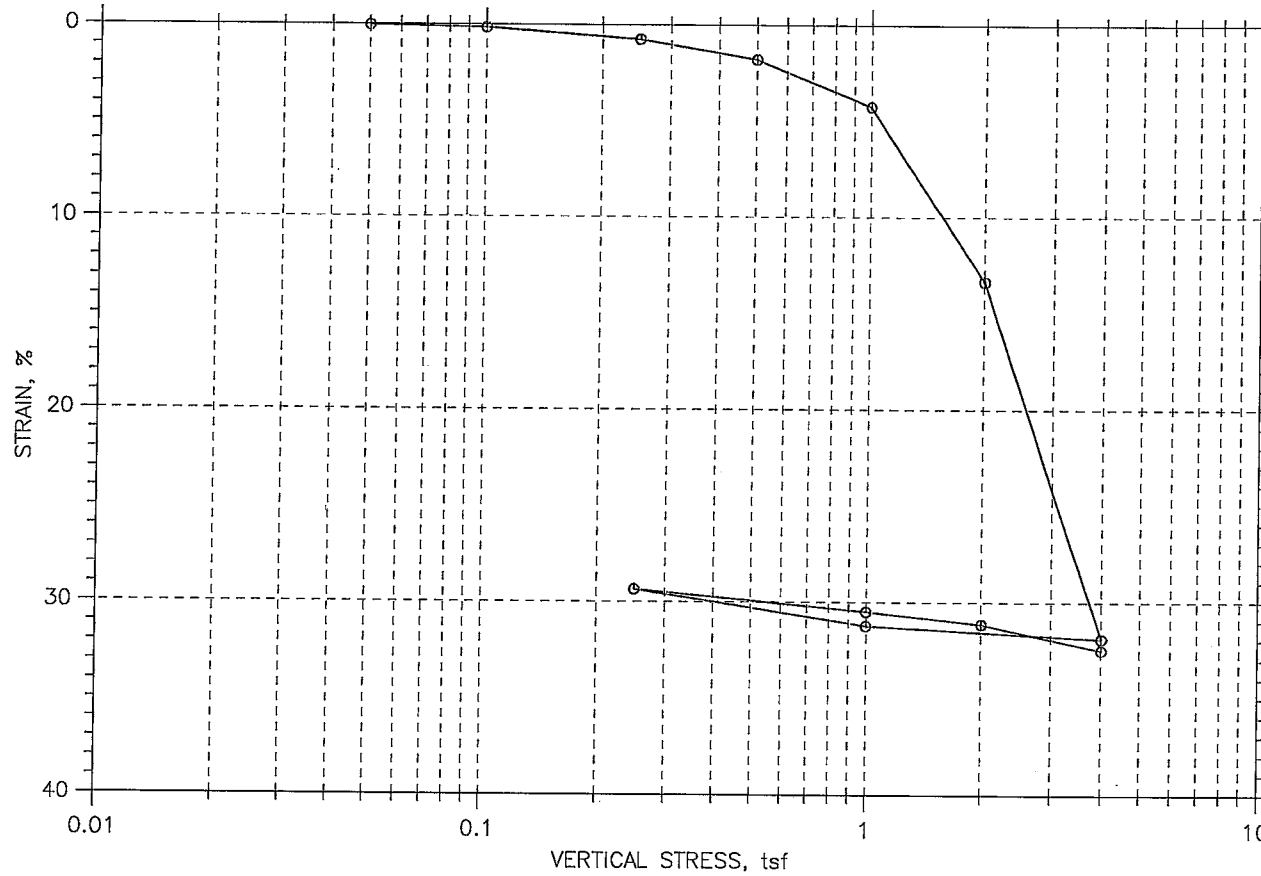


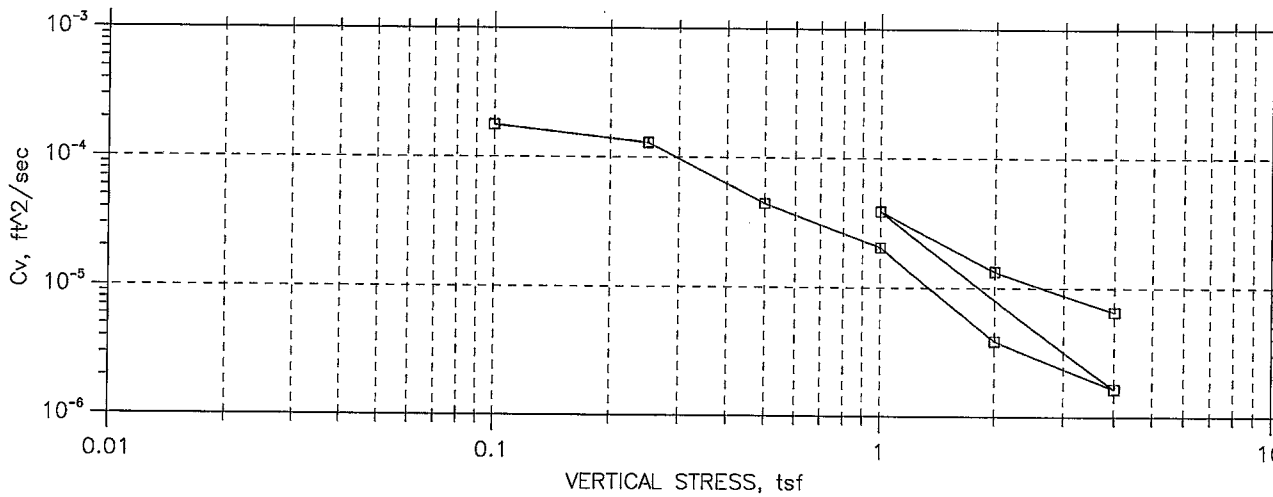
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-18	Test Date: 03/26/07	Depth: 12-14 ft
	Test No.: C-15	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System R		

Wed, 04-APR-2007 09:38:50

CONSOLIDATION TEST DATA

SUMMARY REPORT



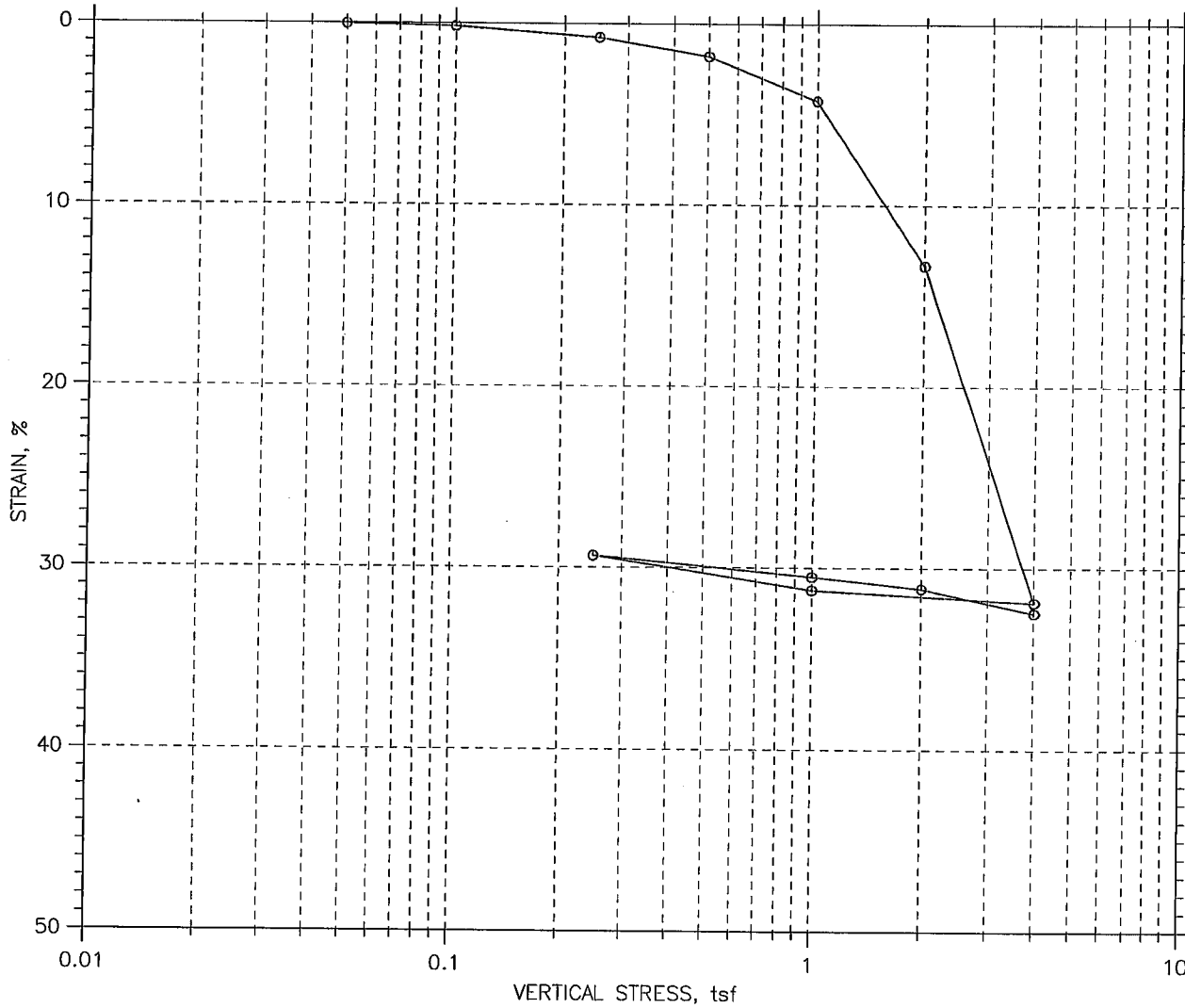


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

Mon, 09-APR-2007 12:08:05

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	300.74	194.66
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	18.03	26.69
Compression Index: ---				Saturation, %	97.93	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	7.83	4.96
LL: 129	PL: 100	PI: 29	GS: 2.55			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

Mon, 09-APR-2007 12:08:07

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-04A
Sample No.: 0297-20
Test No.: C-13

Location: Syracuse, NY
Tested By: md
Test Date: 03/23/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 38-40 ft
Elevation: ---

Soil Description: Moist, very dark gray sandy silt
Remarks: System Q

Measured Specific Gravity: 2.55
Initial Void Ratio: 7.83
Final Void Ratio: 4.96

Liquid Limit: 129
Plastic Limit: 100
Plasticity Index: 29

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2769	RING		chango
Wt. Container + Wet Soil, gm	152.17	309.93	285.29	71.84
Wt. Container + Dry Soil, gm	56.97	240.08	240.08	29.95
Wt. Container, gm	8.19	216.85	216.85	8.43
Wt. Dry Soil, gm	48.78	23.227	23.227	21.52
Water Content, %	195.16	300.74	194.66	194.66
Void Ratio	---	7.83	4.96	---
Degree of Saturation, %	---	97.93	99.99	---
Dry Unit Weight, pcf	---	18.026	26.692	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-04A
Sample No.: 0297-20
Test No.: C-13

Location: Syracuse, NY
Tested By: md
Test Date: 03/23/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 38-40 ft
Elevation: ---

Soil Description: Moist, very dark gray sandy silt
Remarks: System Q

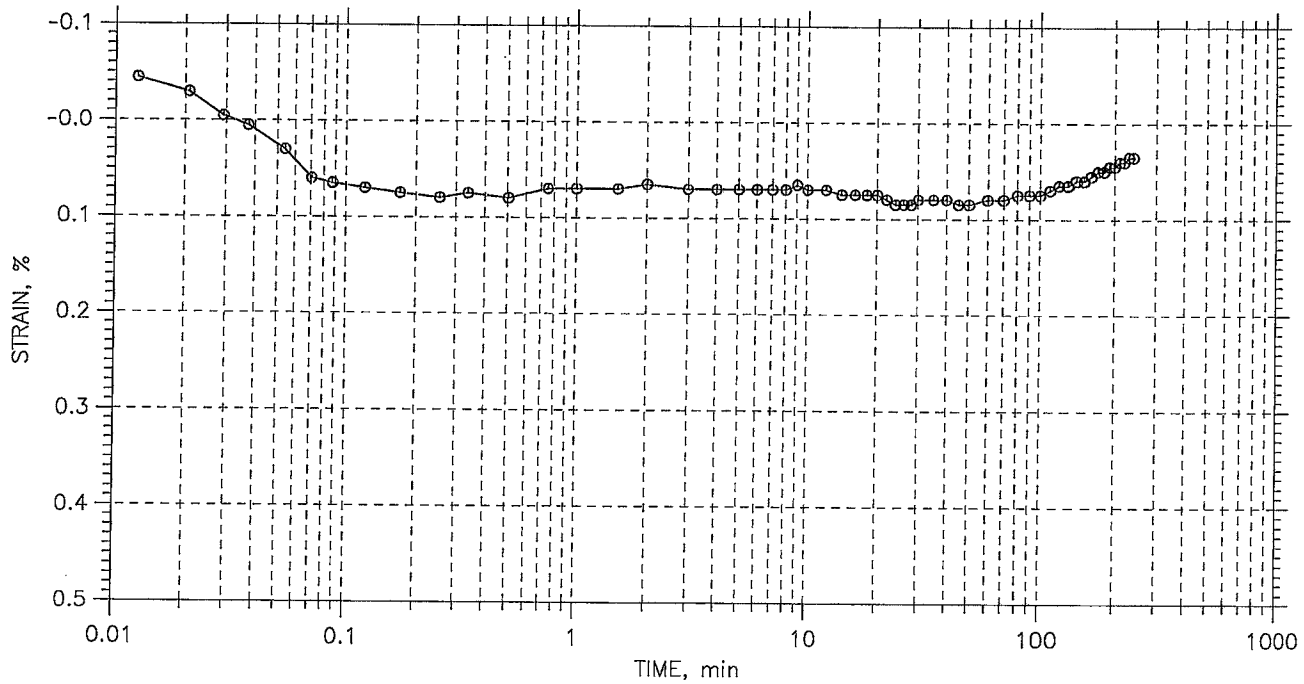
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.0003499	7.828	0.03	0.0	0.0	0.00e+000	0.00e+000	0.00e+000
2	0.1	0.001588	7.817	0.16	0.0	0.0	1.78e-004	0.00e+000	1.78e-004
3	0.25	0.007589	7.764	0.76	0.0	0.0	1.28e-004	1.32e-004	1.30e-004
4	0.5	0.01796	7.673	1.80	0.2	0.1	3.63e-005	5.71e-005	4.44e-005
5	1	0.04242	7.457	4.24	0.3	0.2	1.62e-005	2.78e-005	2.04e-005
6	2	0.1333	6.654	13.33	1.4	1.1	3.44e-006	4.37e-006	3.85e-006
7	4	0.3188	5.016	31.88	1.9	2.2	1.80e-006	1.52e-006	1.65e-006
8	1	0.3123	5.074	31.23	0.1	0.0	2.71e-005	0.00e+000	2.71e-005
9	0.25	0.2934	5.240	29.34	1.5	1.8	1.83e-006	1.52e-006	1.66e-006
10	1	0.3049	5.138	30.49	0.1	0.0	3.88e-005	0.00e+000	3.88e-005
11	2	0.3112	5.083	31.12	0.2	0.0	1.33e-005	0.00e+000	1.33e-005
12	4	0.3247	4.964	32.47	0.6	0.2	4.67e-006	1.07e-005	6.49e-006

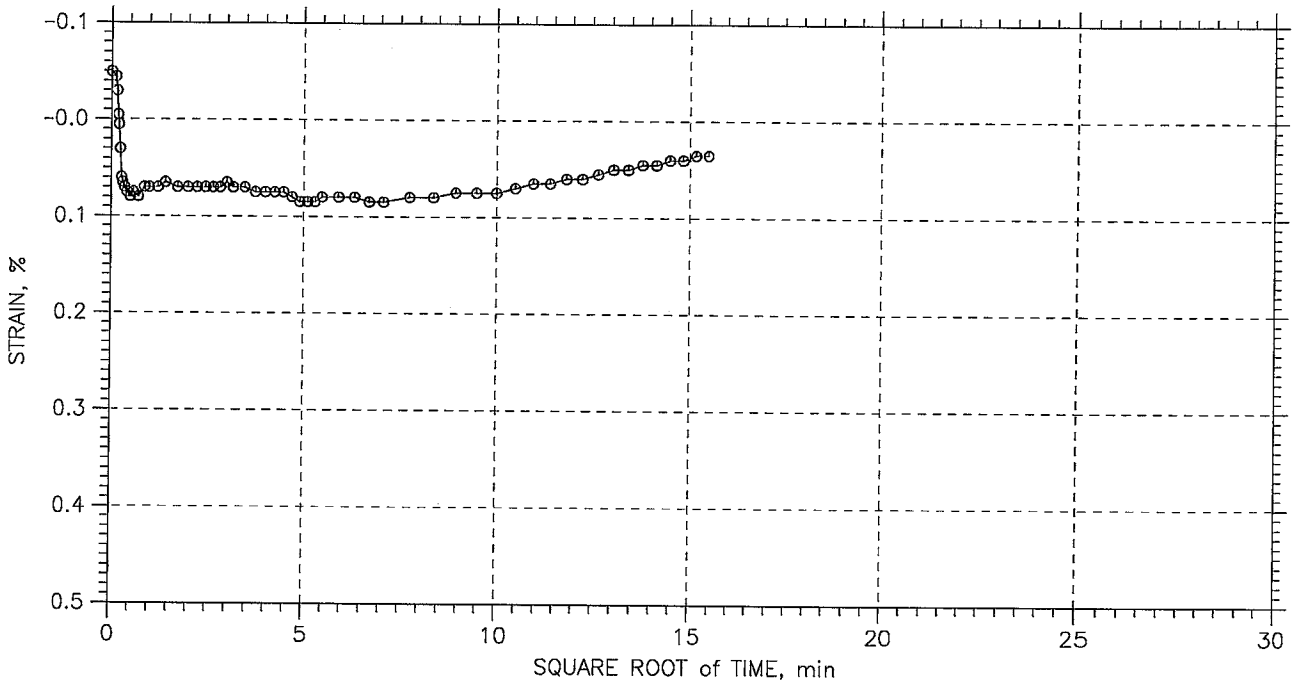
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

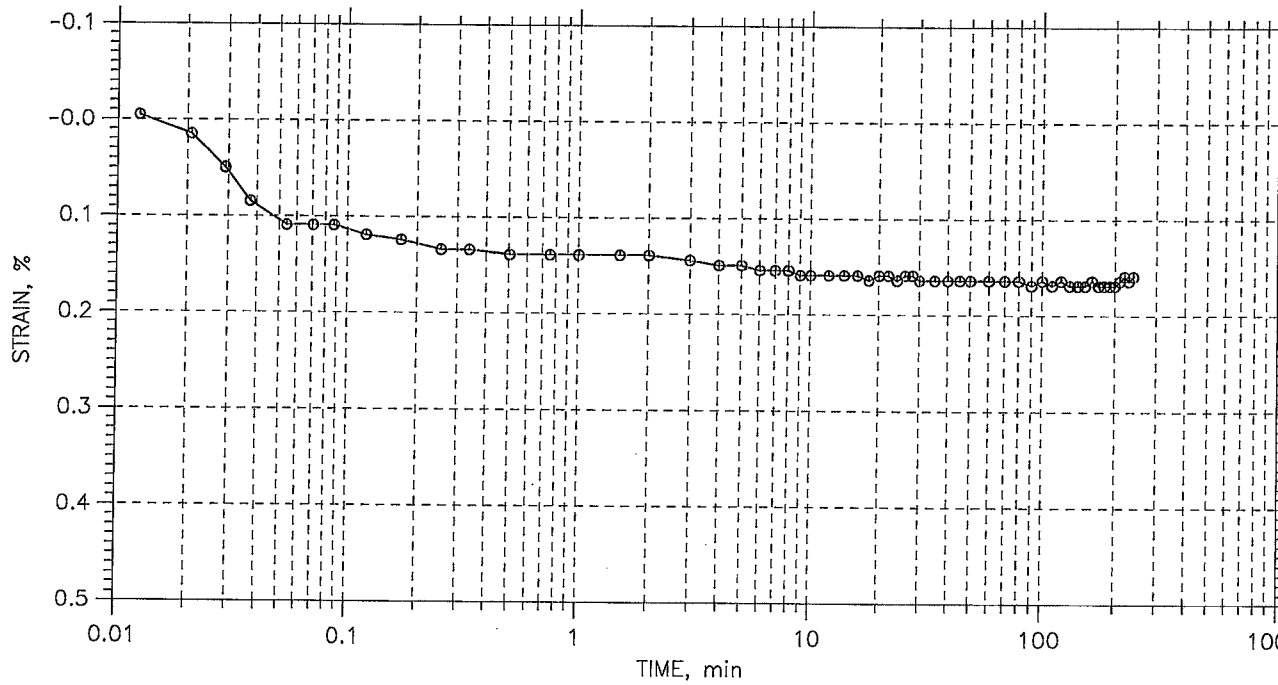
Mon, 09-APR-2007 12:07:11

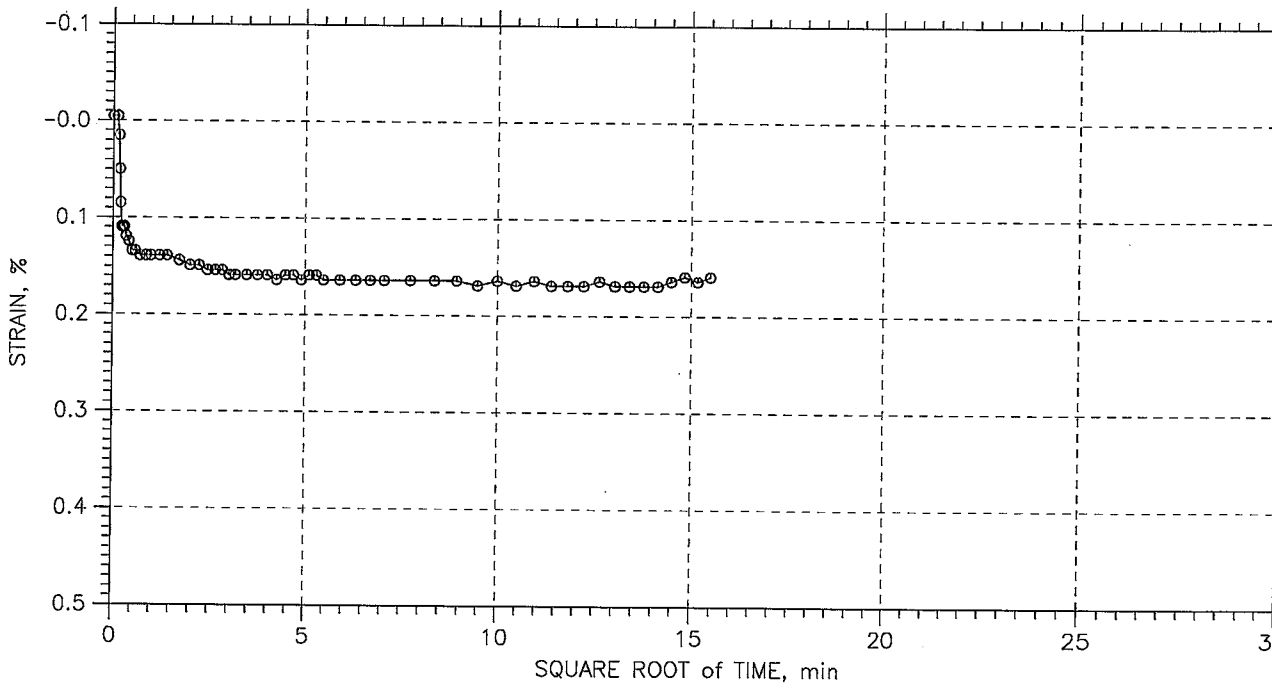
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

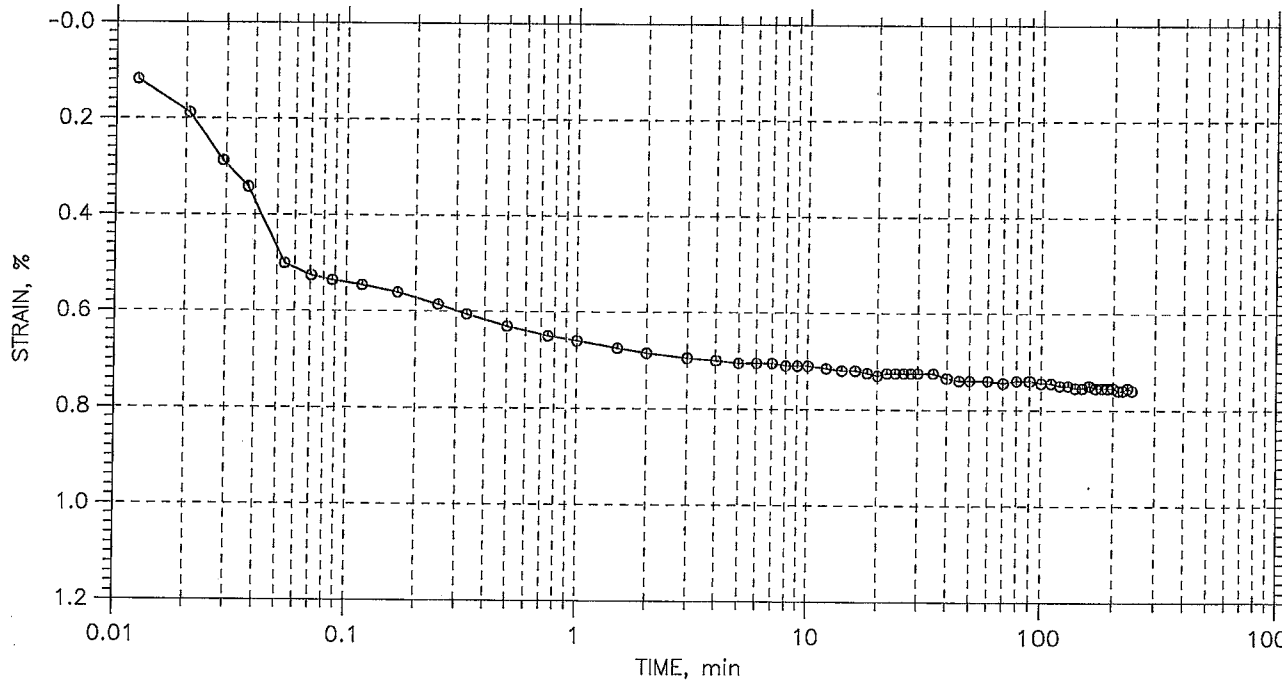
Mon, 09-APR-2007 12:07:22

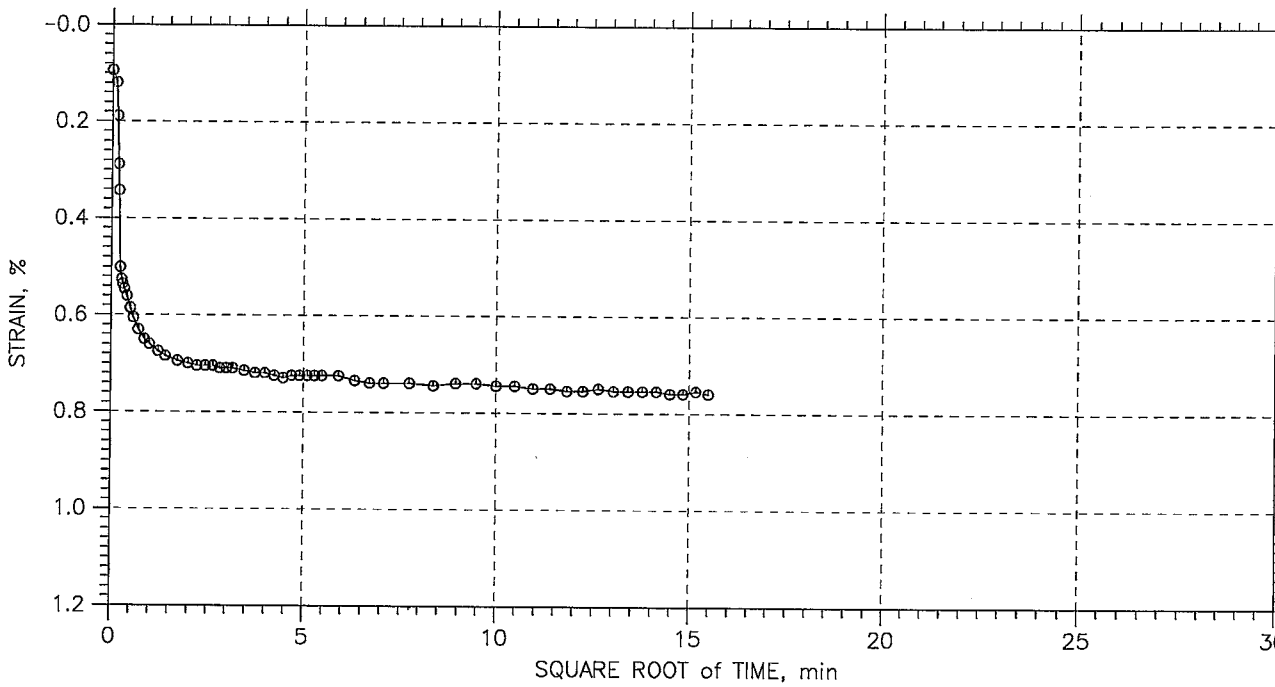
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

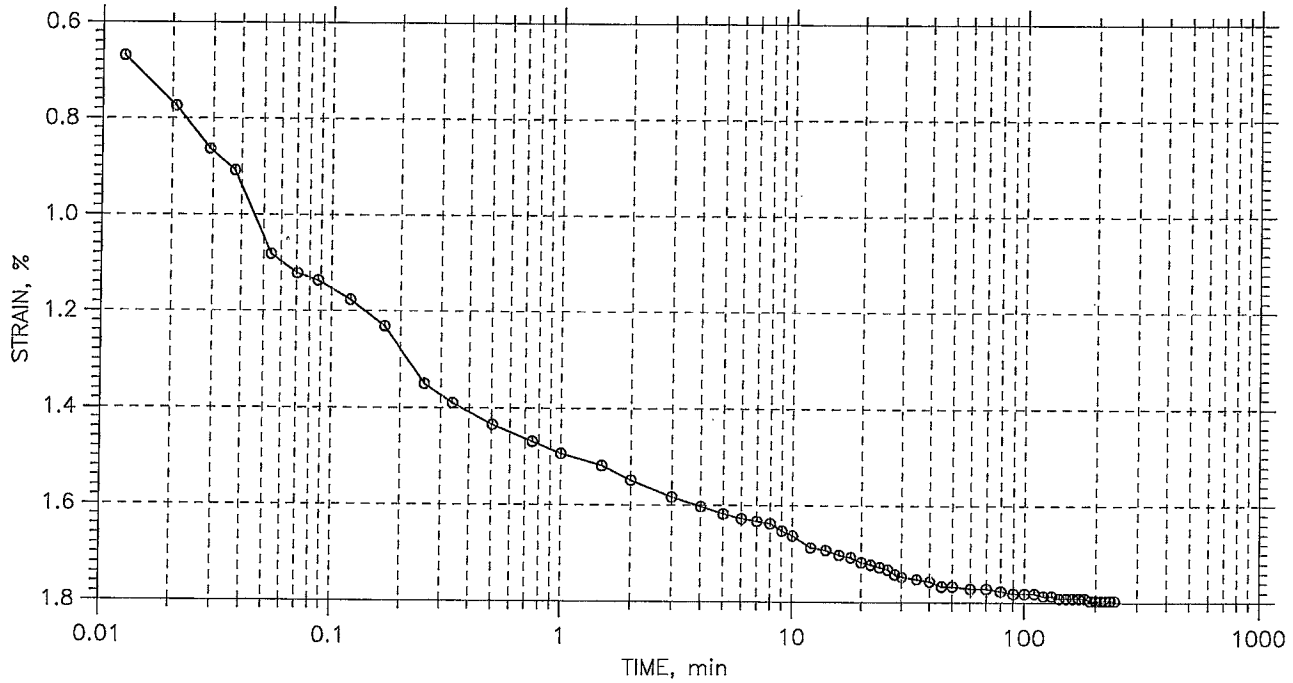
Mon, 09-APR-2007 12:08:15

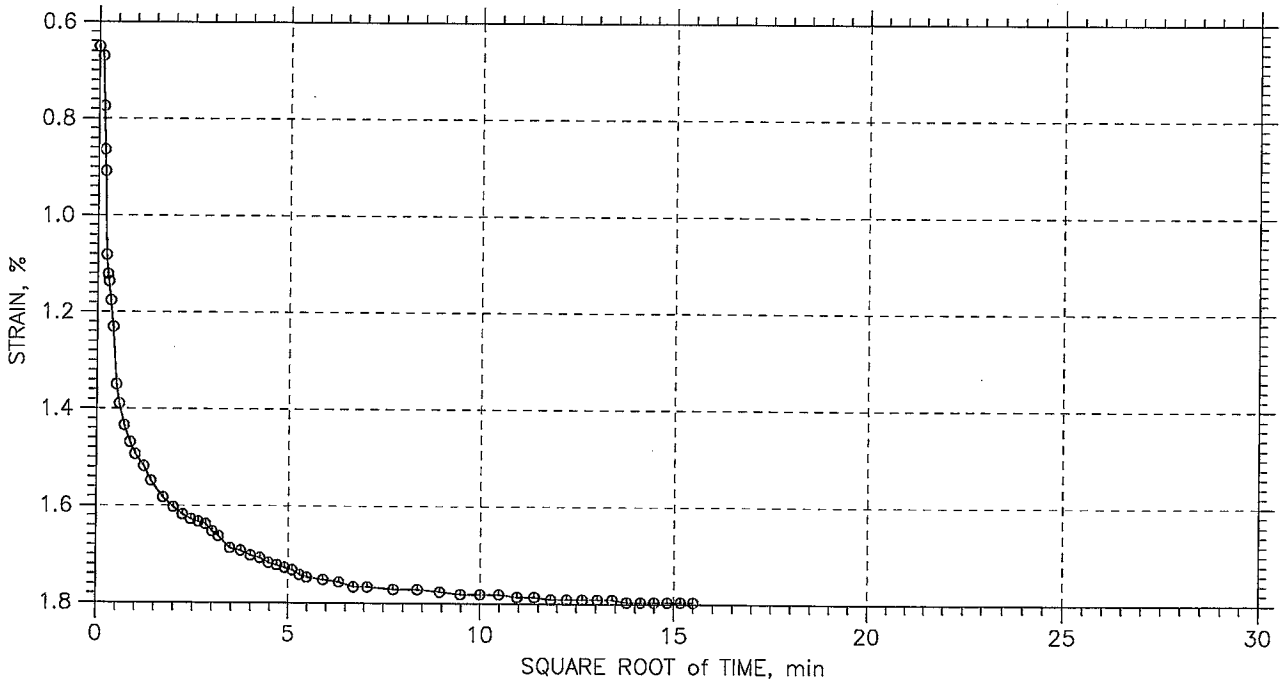
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

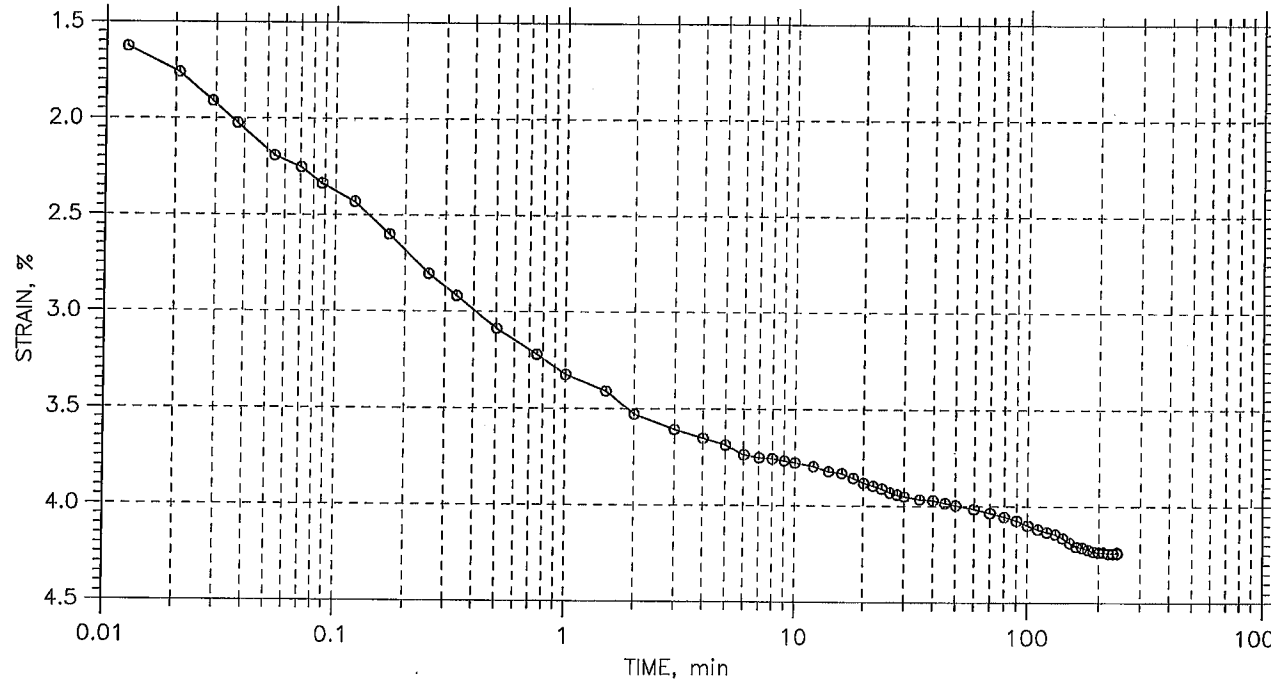
Mon, 09-APR-2007 12:08:17

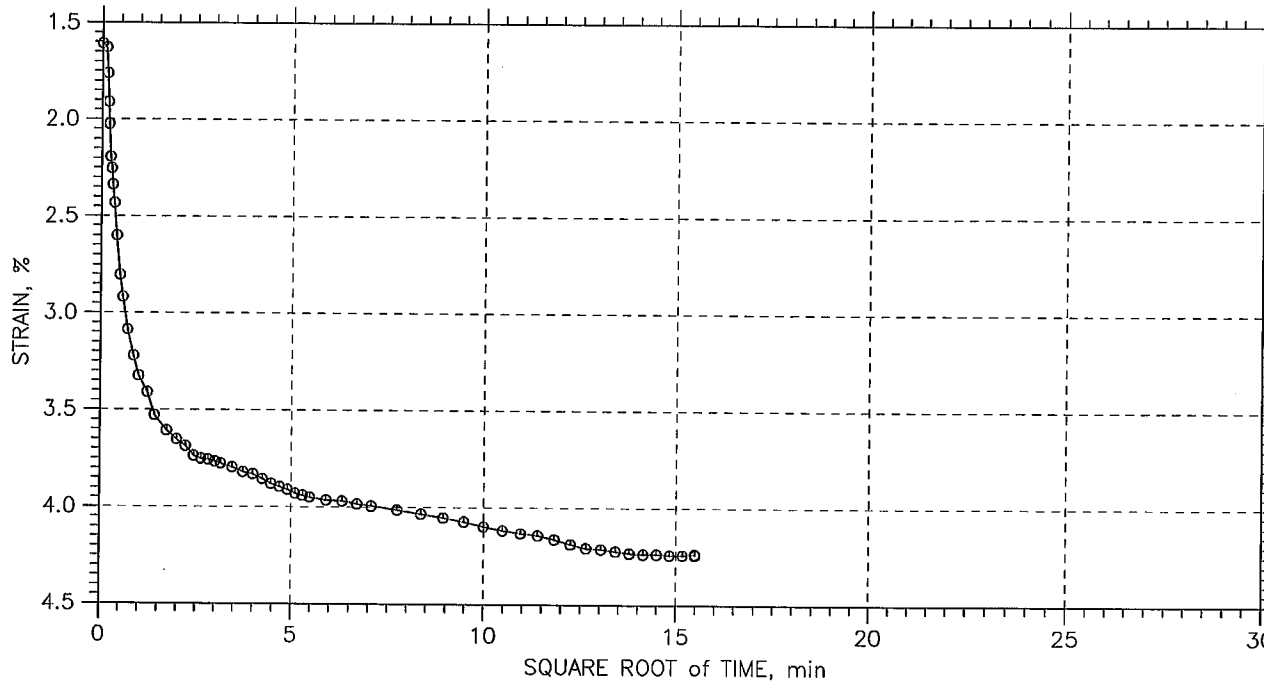
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

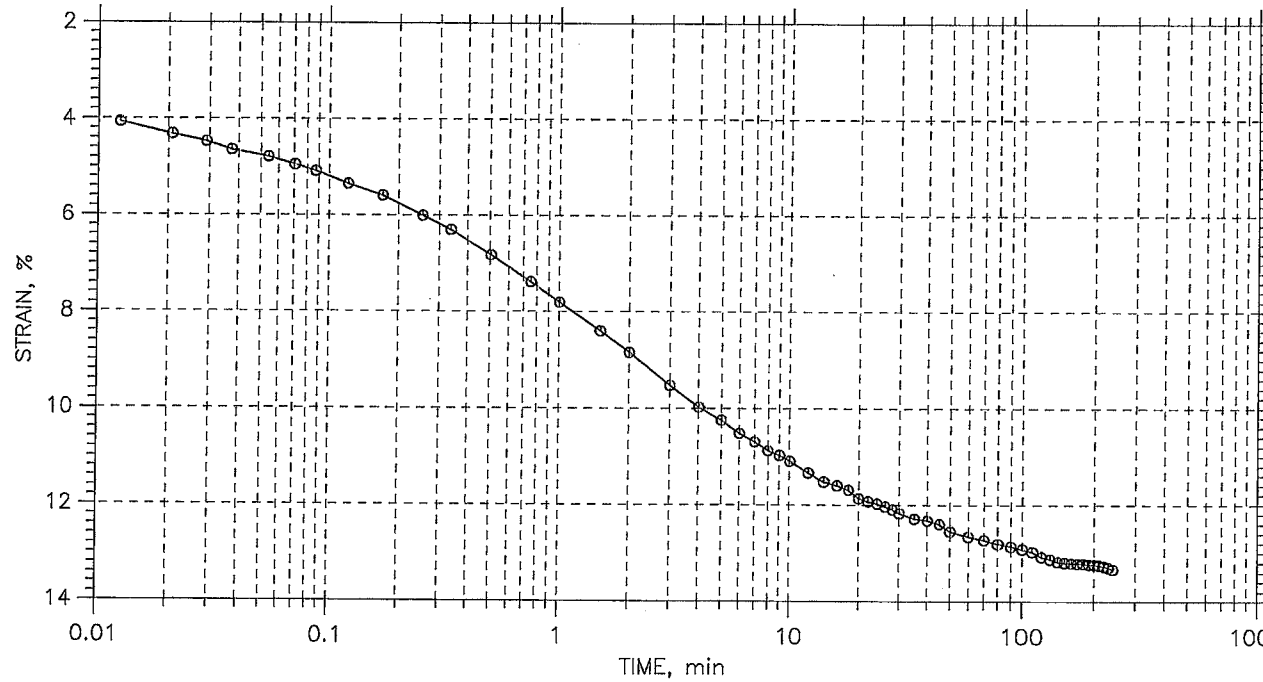
Mon, 09-APR-2007 12:08:19

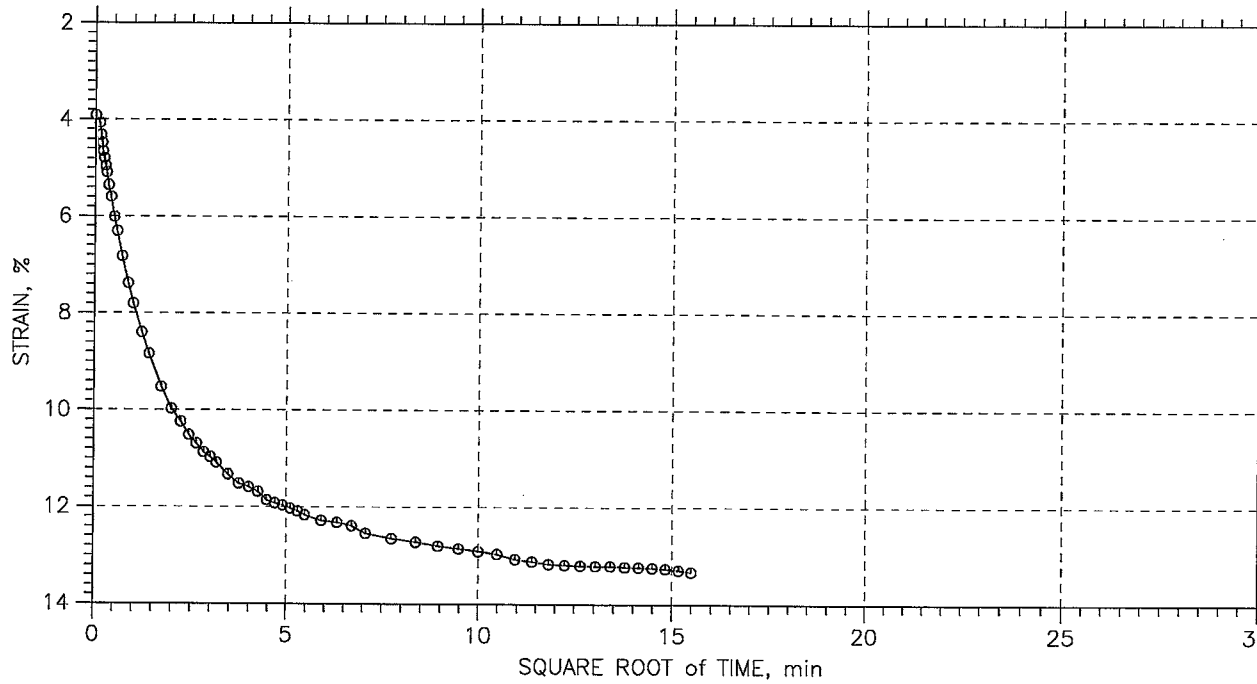
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

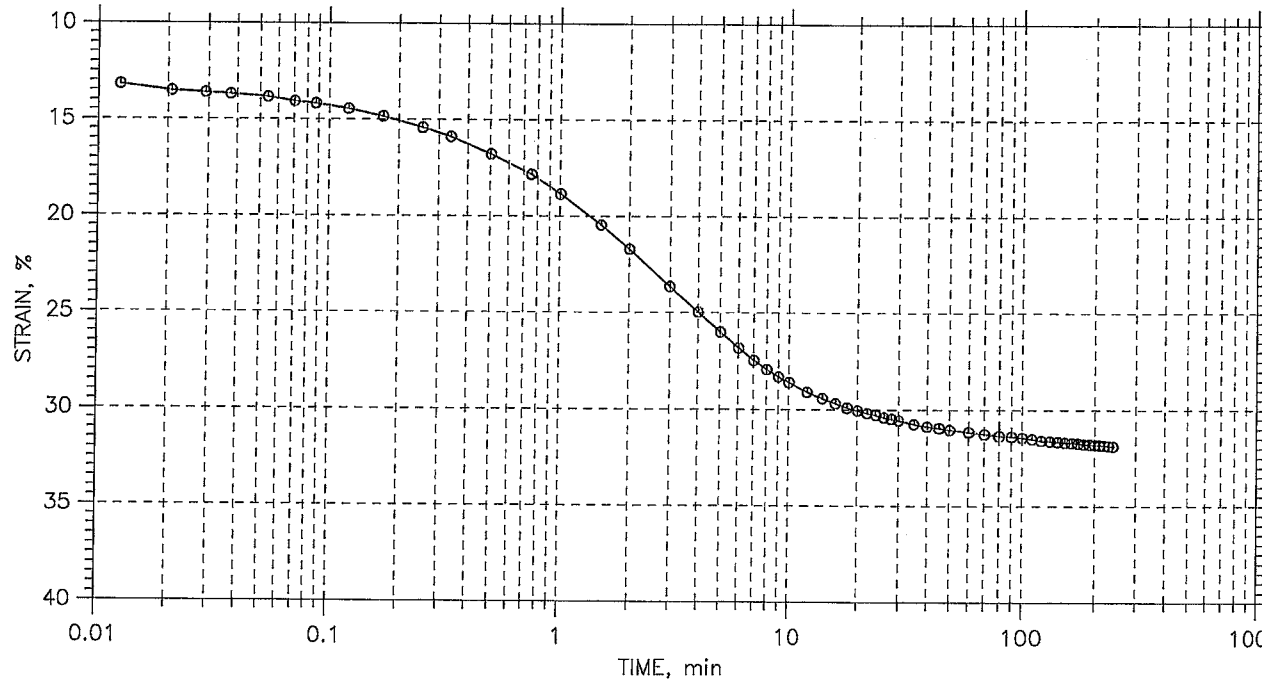
Mon, 09-APR-2007 12:08:22

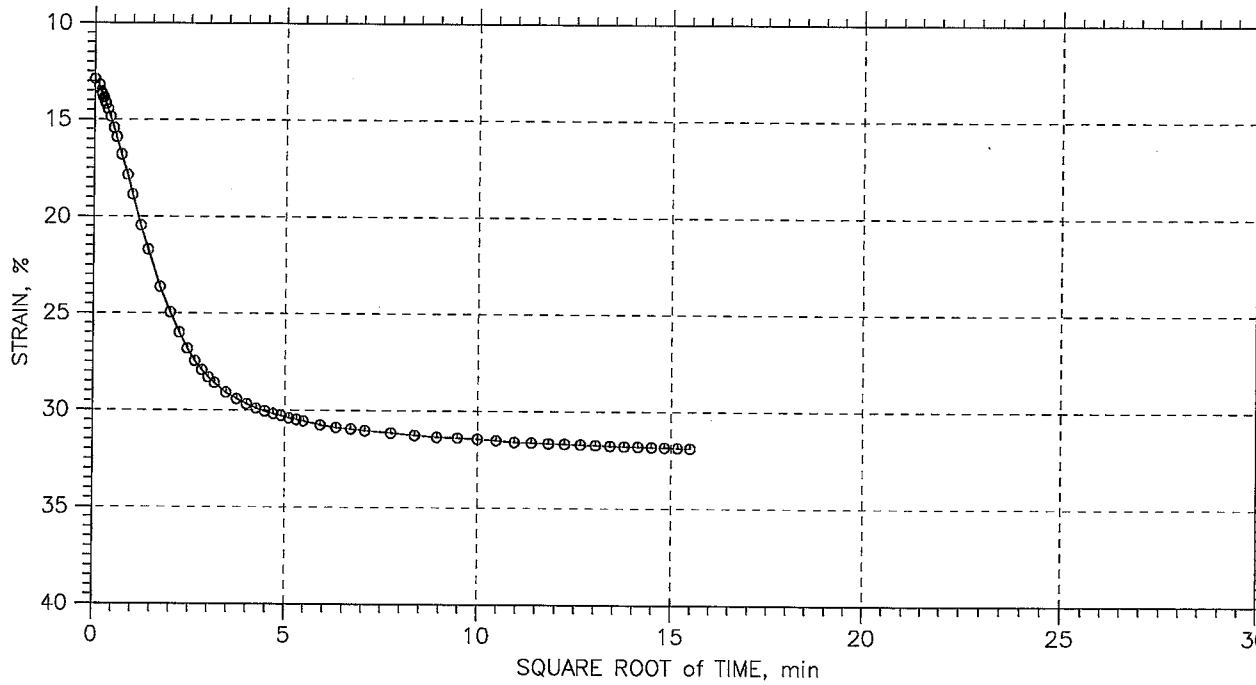
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

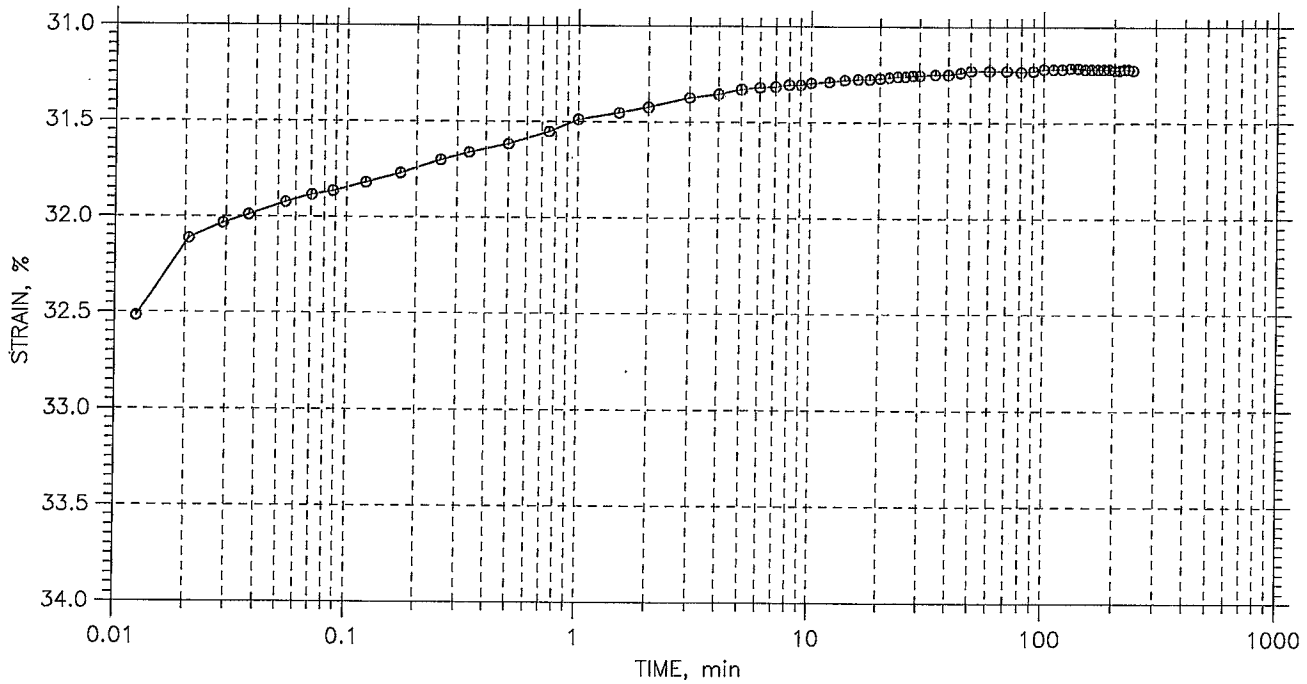
Mon, 09-APR-2007 12:08:25

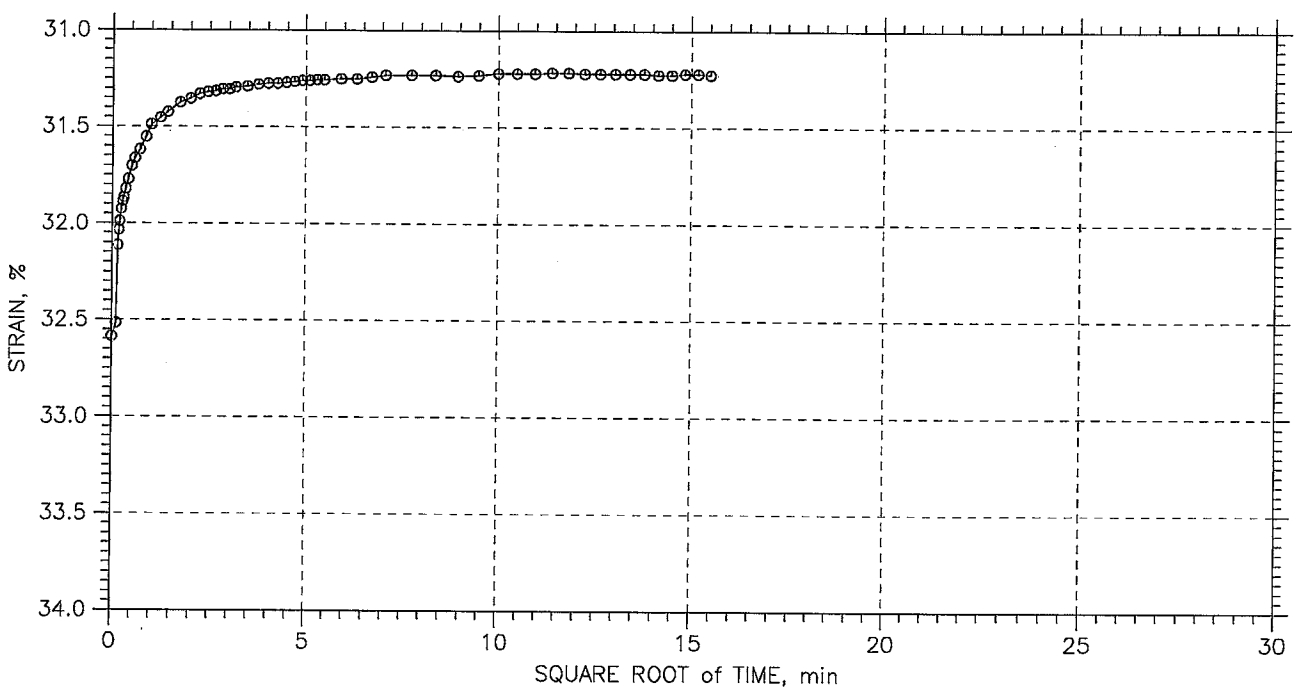
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

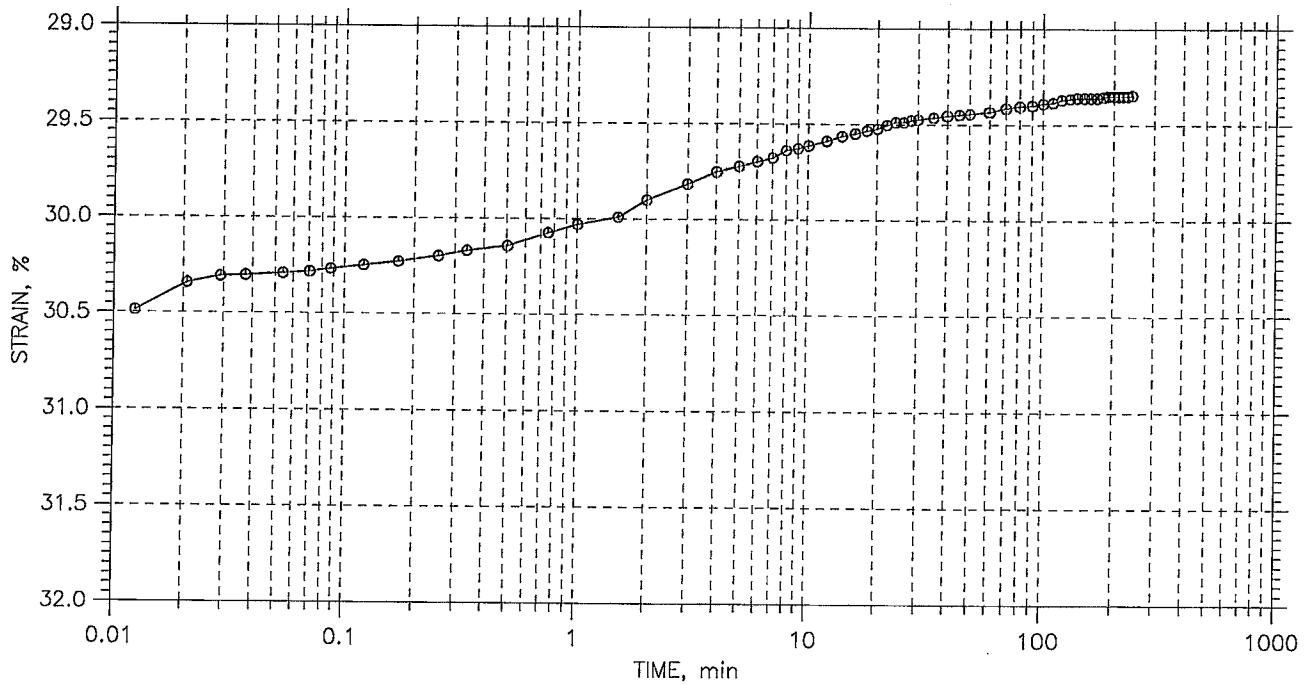
Mon, 09-APR-2007 12:08:27

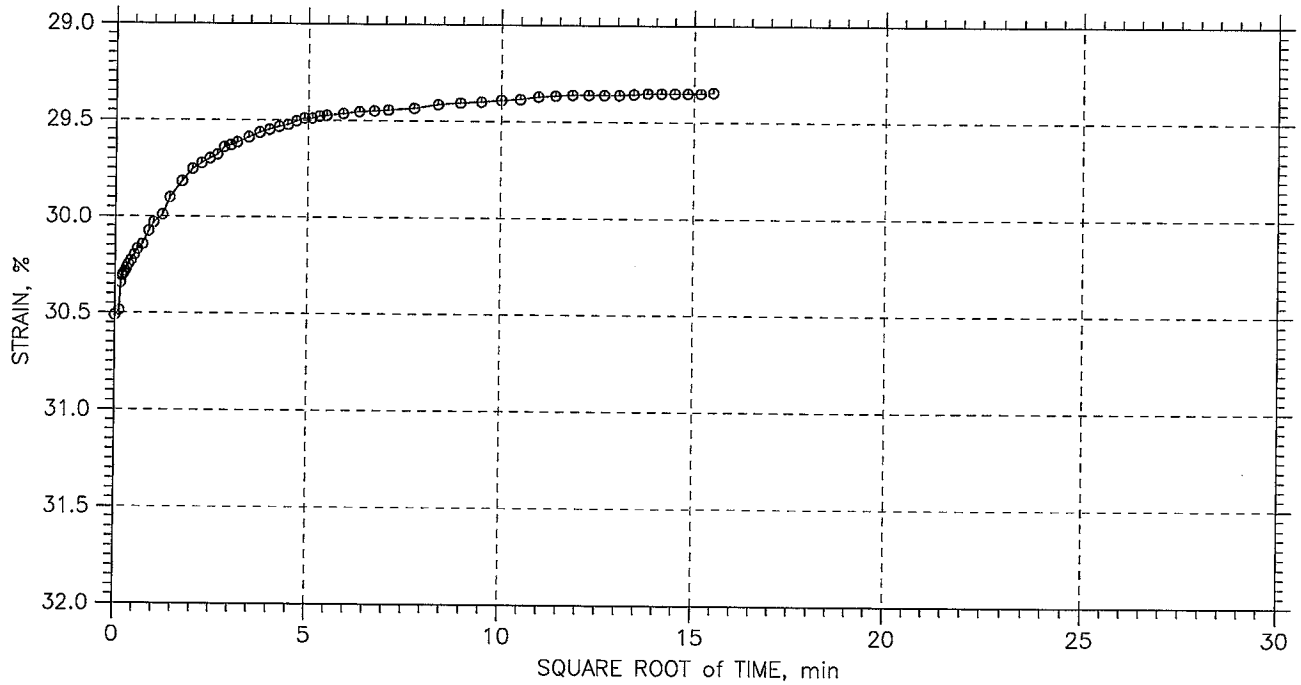
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

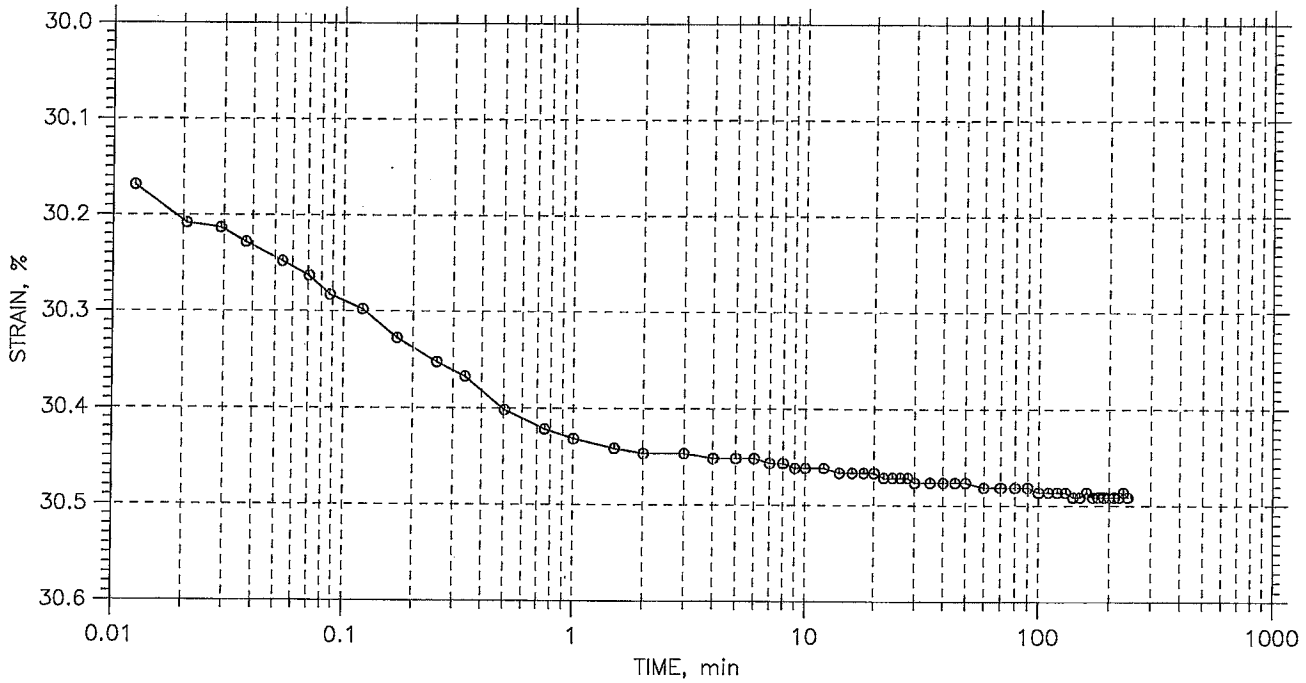
Mon, 09-APR-2007 12:08:30

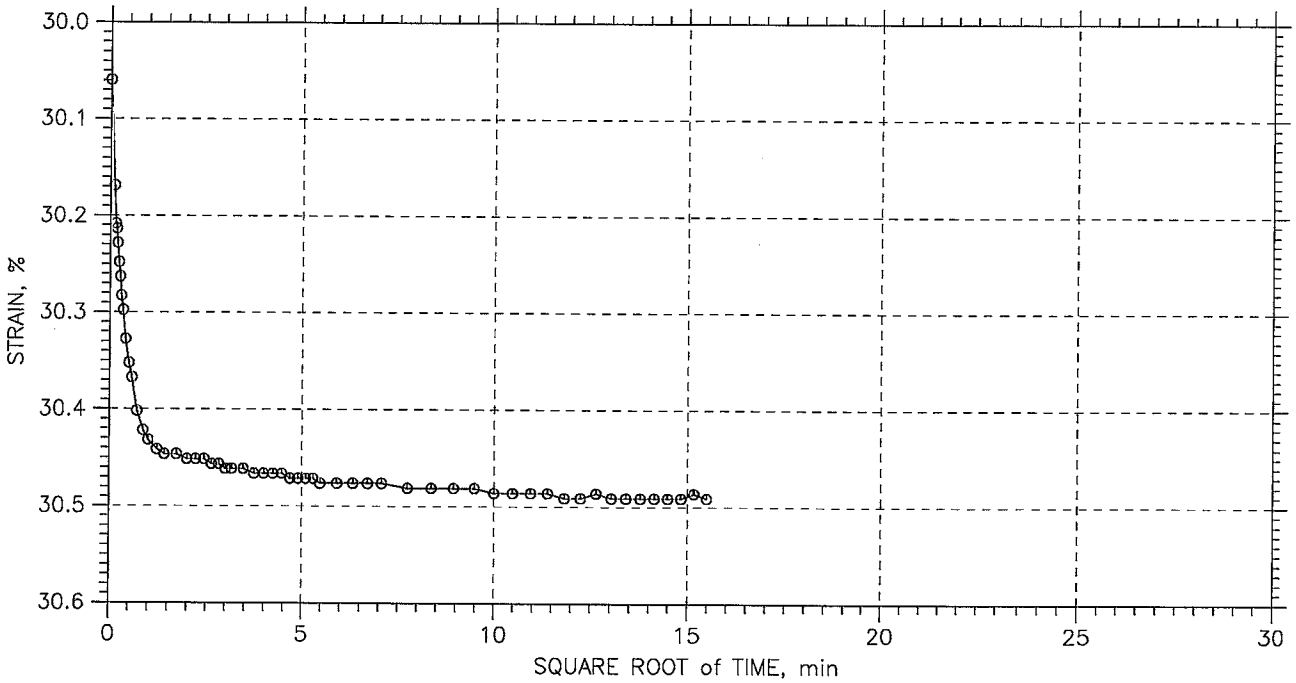
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

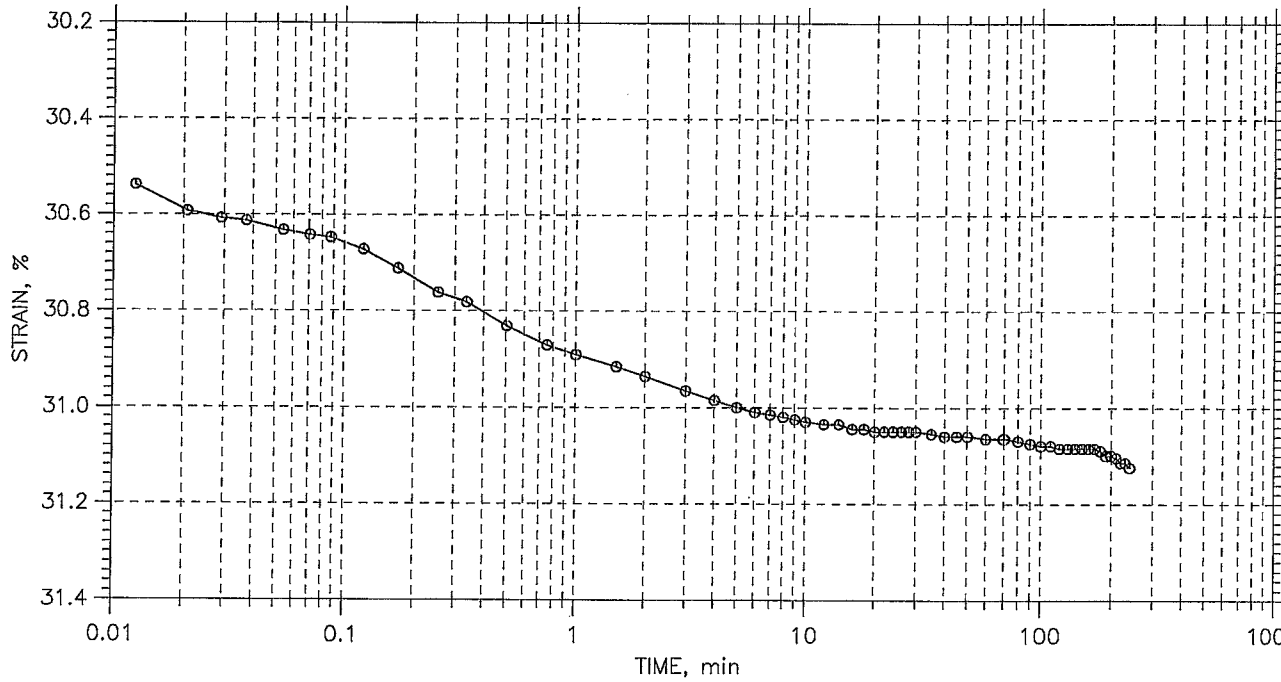
Mon, 09-APR-2007 12:08:33

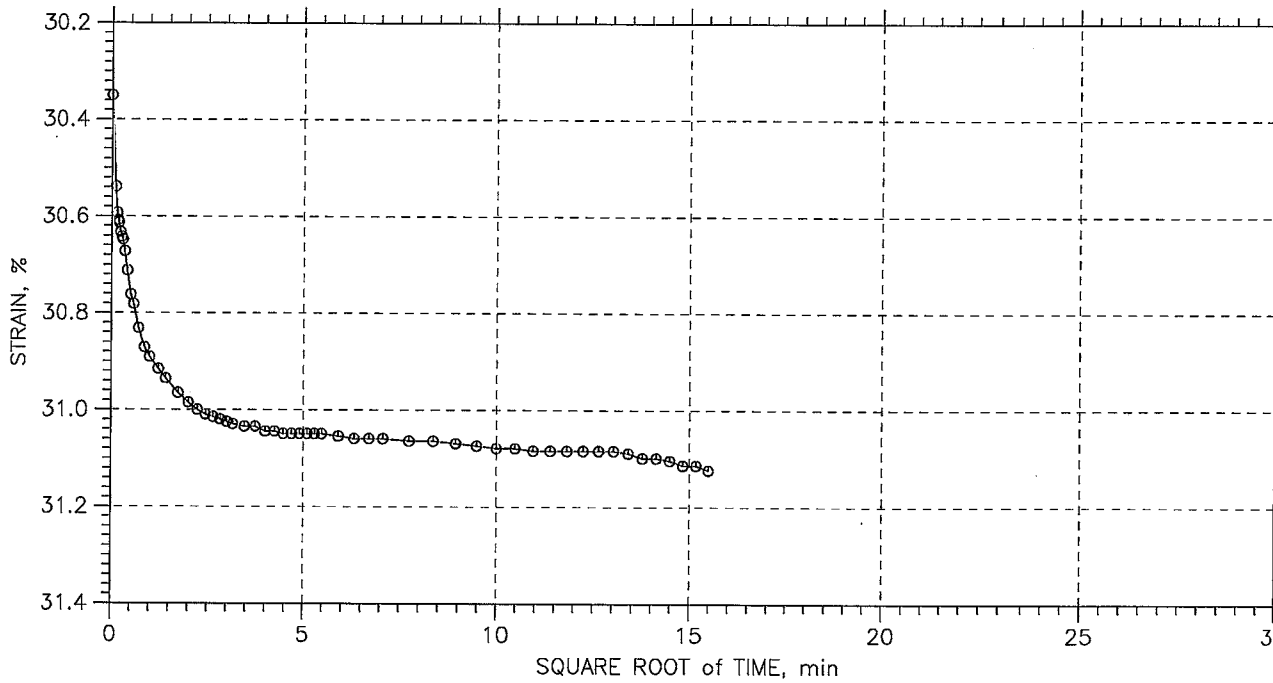
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

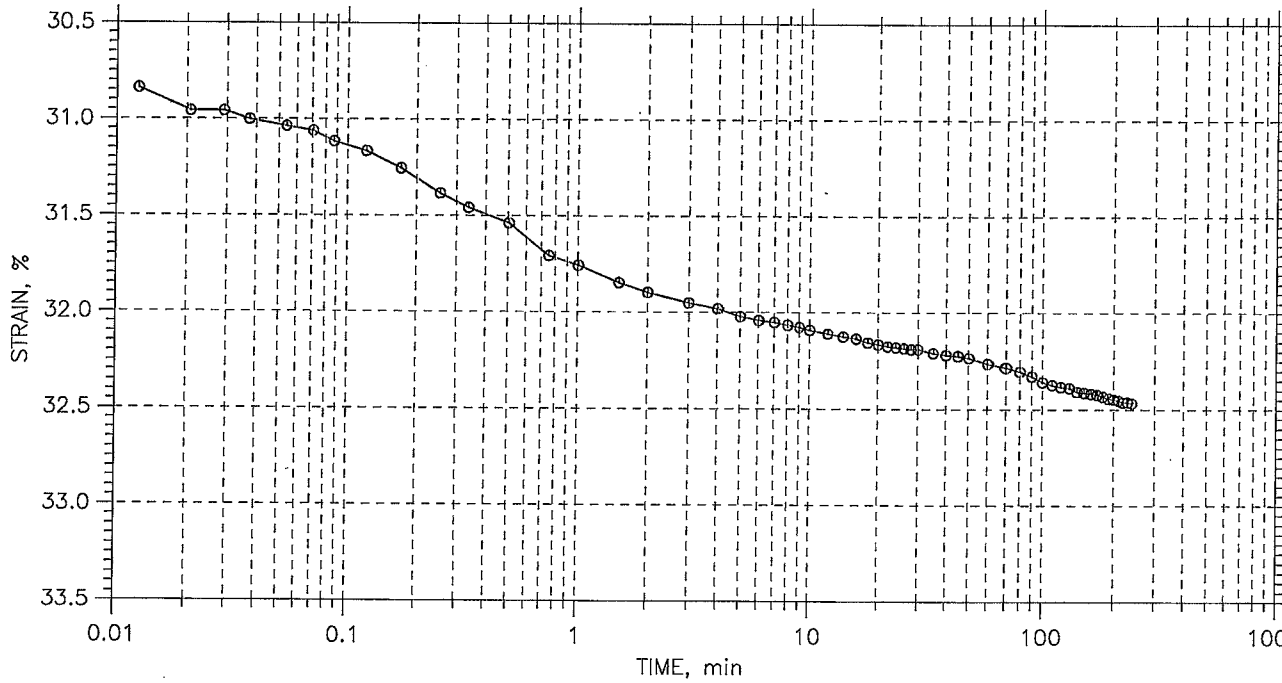
Mon, 09-APR-2007 12:08:35

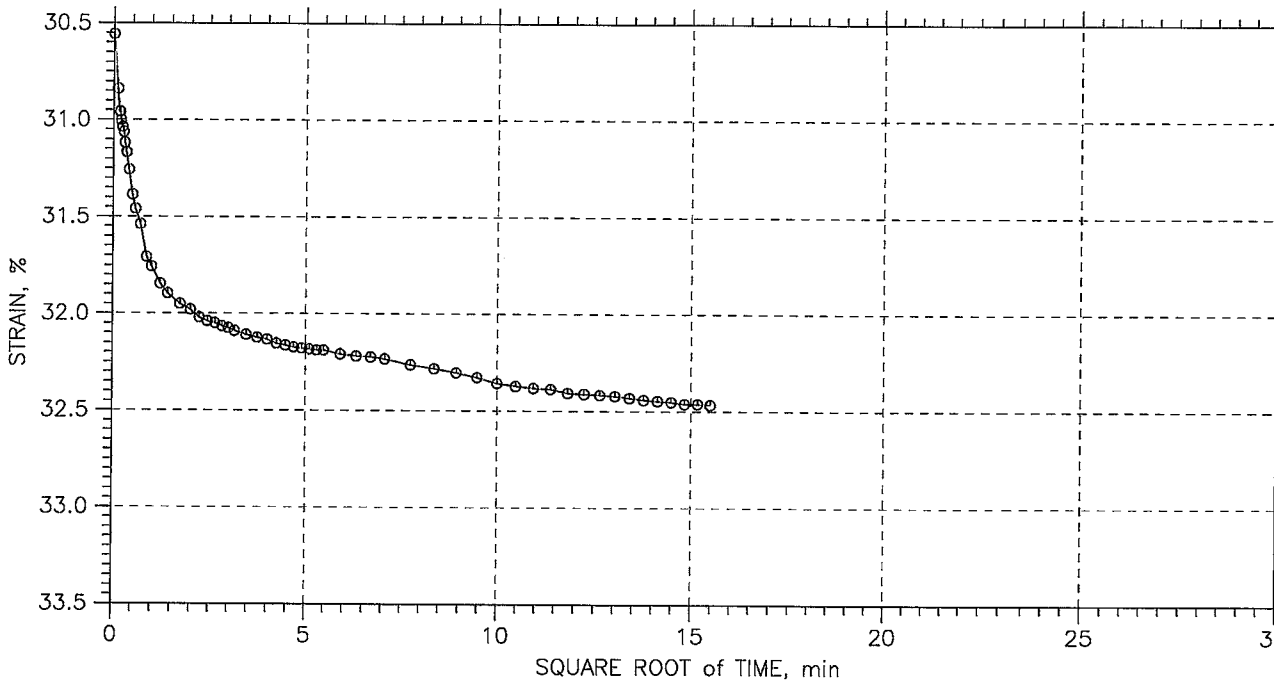
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



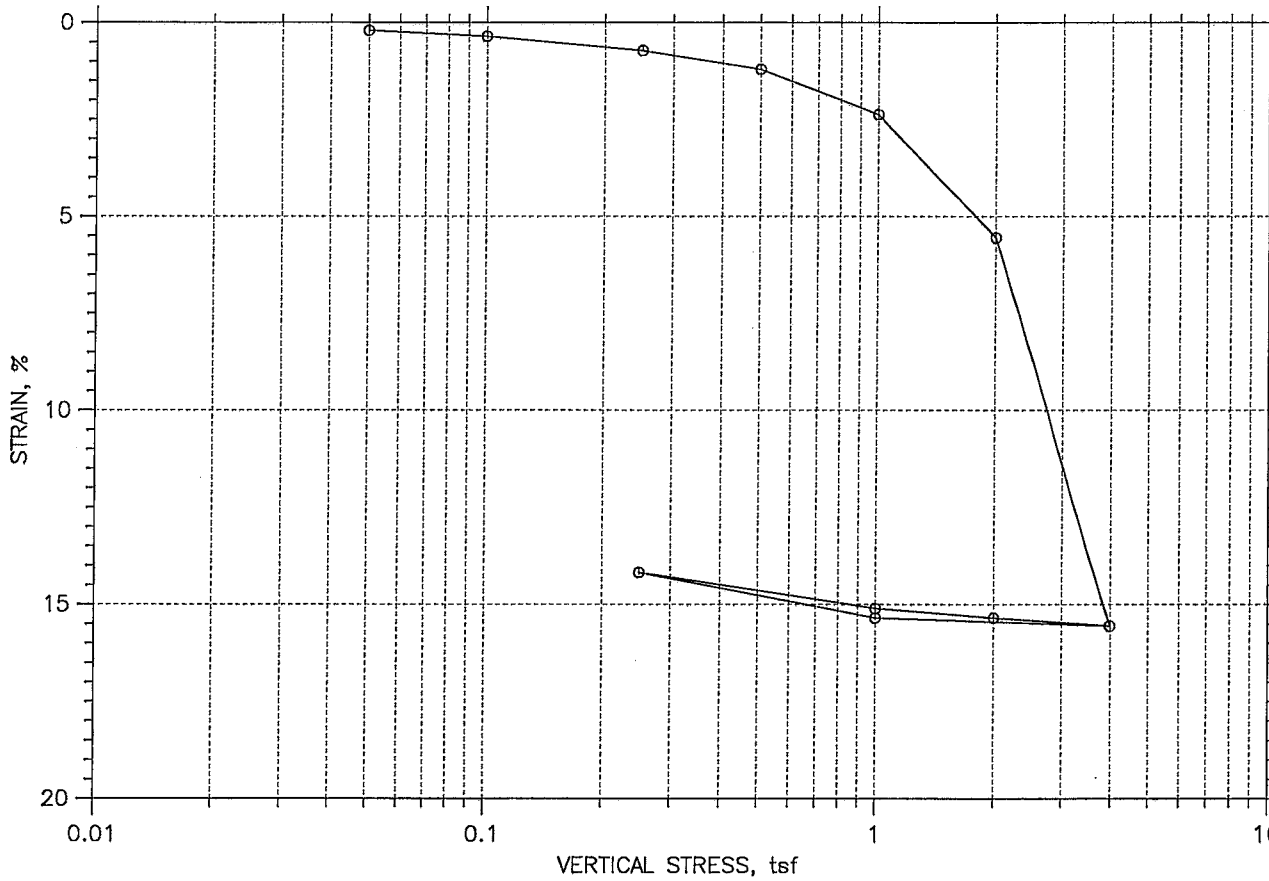


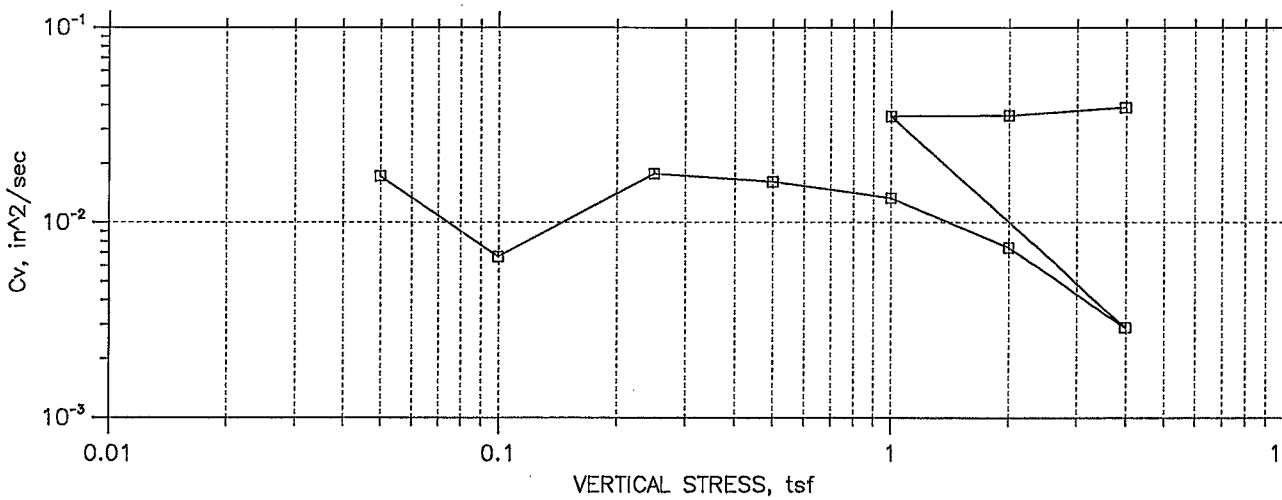
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0297-20	Test Date: 03/23/07	Depth: 38-40 ft
	Test No.: C-13	Sample Type: tube	Elevation: ---
	Description: Moist, very dark gray sandy silt		
	Remarks: System Q		

Mon, 09-APR-2007 12:08:38

CONSOLIDATION TEST DATA

SUMMARY REPORT



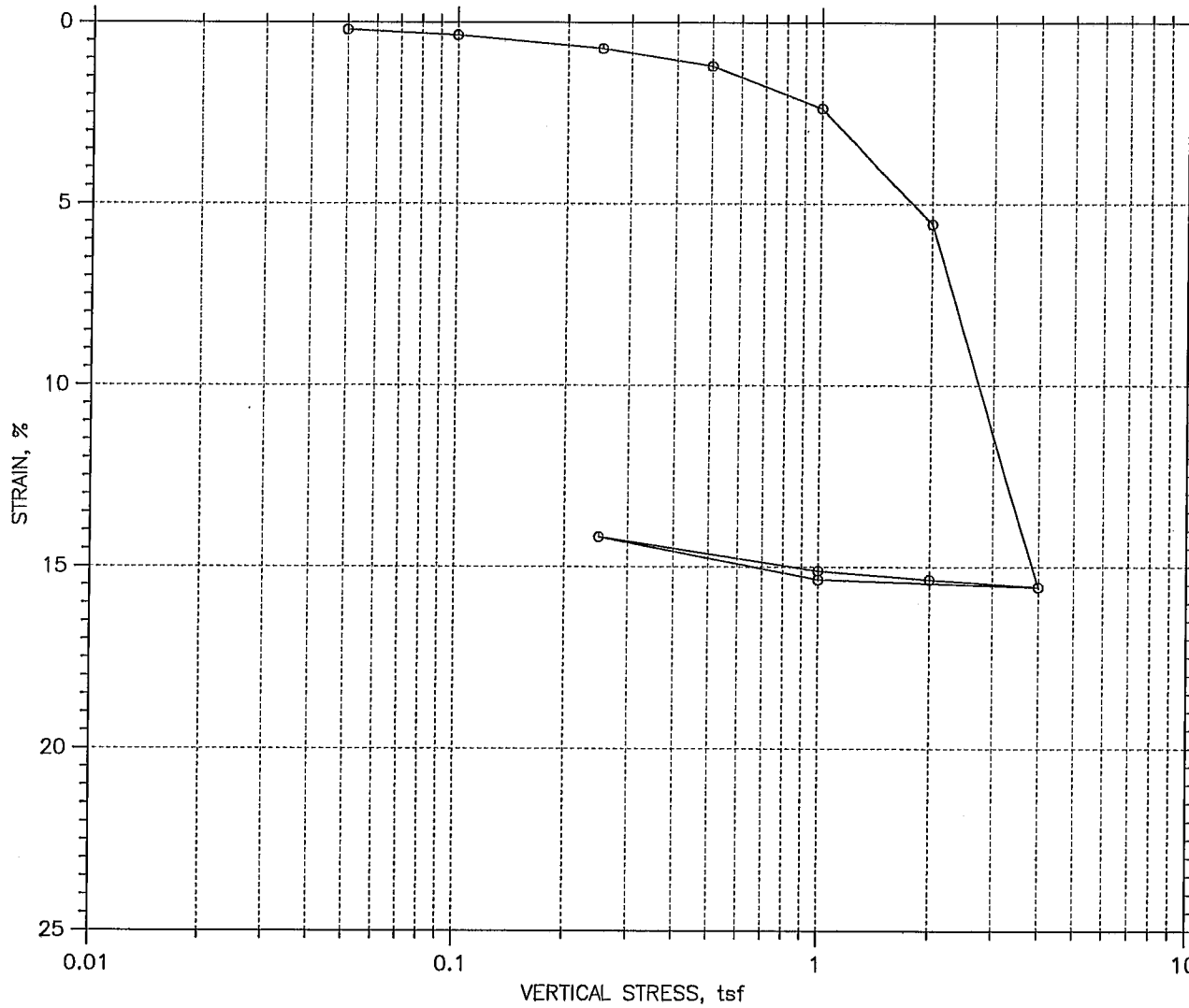


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Tue, 24-APR-2007 10:59:54

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	244.97	212.58
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	20.99	24.85
Compression Index: ---				Saturation, %	94.65	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	6.70	5.51
LL: 152	PL: 117	PI: 35	GS: 2.59			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Tue, 24-APR-2007 10:59:54

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-04A
Sample No.: 0298-02
Test No.: C-22

Location: Syracuse, NY
Tested By: md
Test Date: 04/17/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 70-72 ft
Elevation: ---

Soil Description: Moist, gray silt
Remarks: System R

Measured Specific Gravity: 2.59
Initial Void Ratio: 6.70
Final Void Ratio: 5.51

Liquid Limit: 152
Plastic Limit: 117
Plasticity Index: 35

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Reddy	RING		2292
Wt. Container + Wet Soil, gm	158.77	308.82	300.06	92.15
Wt. Container + Dry Soil, gm	53	242.57	242.57	35.03
Wt. Container, gm	8.09	215.52	215.52	8.16
Wt. Dry Soil, gm	44.91	27.046	27.046	26.87
Water Content, %	235.52	244.97	212.58	212.58
Void Ratio	---	6.70	5.51	---
Degree of Saturation, %	---	94.65	100.00	---
Dry Unit Weight, pcf	---	20.99	24.853	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-04A
Sample No.: 0298-02
Test No.: C-22

Location: Syracuse, NY
Tested By: md
Test Date: 04/17/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 70-72 ft
Elevation: ---

Soil Description: Moist, gray silt
Remarks: System R

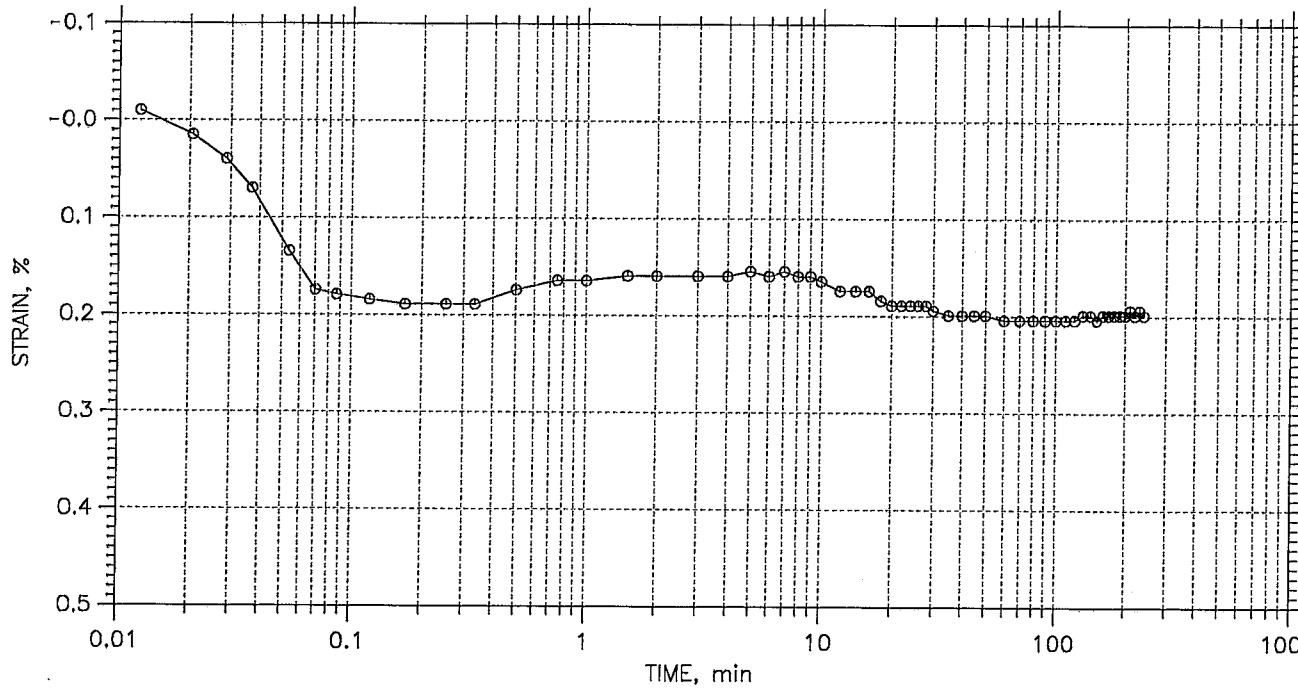
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.001989	6.688	0.20	0.0	0.0	1.73e-002	0.00e+000	1.73e-002
2	0.1	0.003534	6.676	0.35	0.2	0.0	4.29e-003	0.00e+000	4.29e-003
3	0.25	0.007217	6.648	0.72	0.0	0.0	1.78e-002	0.00e+000	1.78e-002
4	0.5	0.01205	6.610	1.20	0.0	0.0	1.62e-002	0.00e+000	1.62e-002
5	1	0.02369	6.521	2.37	0.1	0.0	9.31e-003	2.38e-002	1.34e-002
6	2	0.0555	6.276	5.55	0.2	0.1	5.05e-003	1.43e-002	7.46e-003
7	4	0.1555	5.505	15.55	0.3	0.2	2.40e-003	3.69e-003	2.91e-003
8	1	0.1535	5.521	15.35	0.0	0.0	2.87e-002	0.00e+000	2.87e-002
9	0.25	0.1418	5.611	14.18	0.0	0.0	2.99e-002	0.00e+000	2.99e-002
10	1	0.151	5.540	15.10	0.0	0.0	3.51e-002	0.00e+000	3.51e-002
11	2	0.1534	5.521	15.34	0.0	0.0	3.55e-002	0.00e+000	3.55e-002
12	4	0.1555	5.506	15.55	0.0	0.0	3.90e-002	0.00e+000	3.90e-002

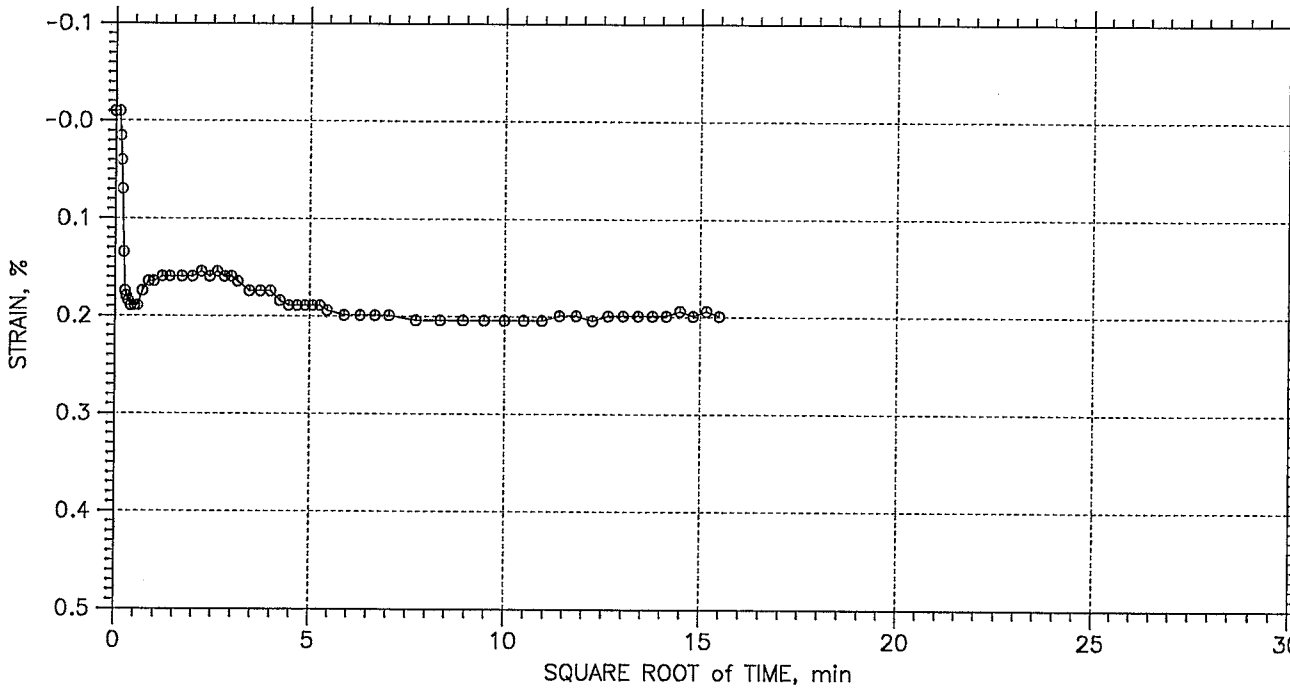
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

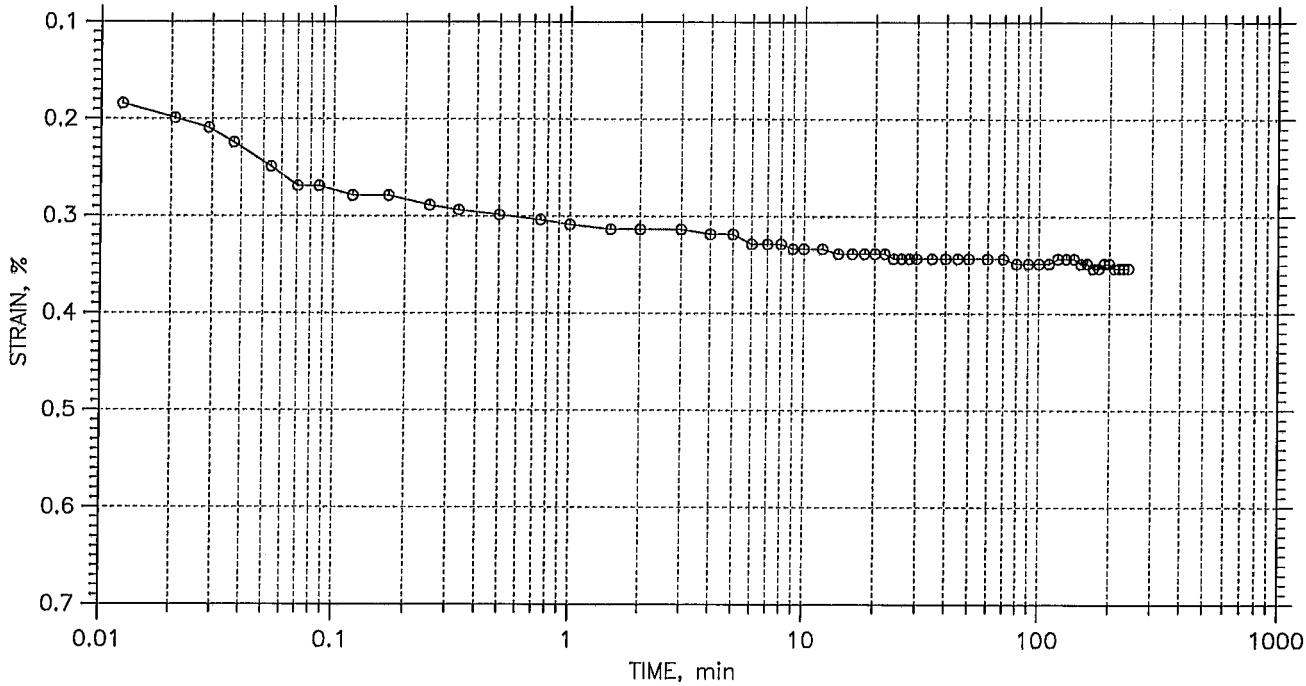
Tue, 24-APR-2007 11:01:09

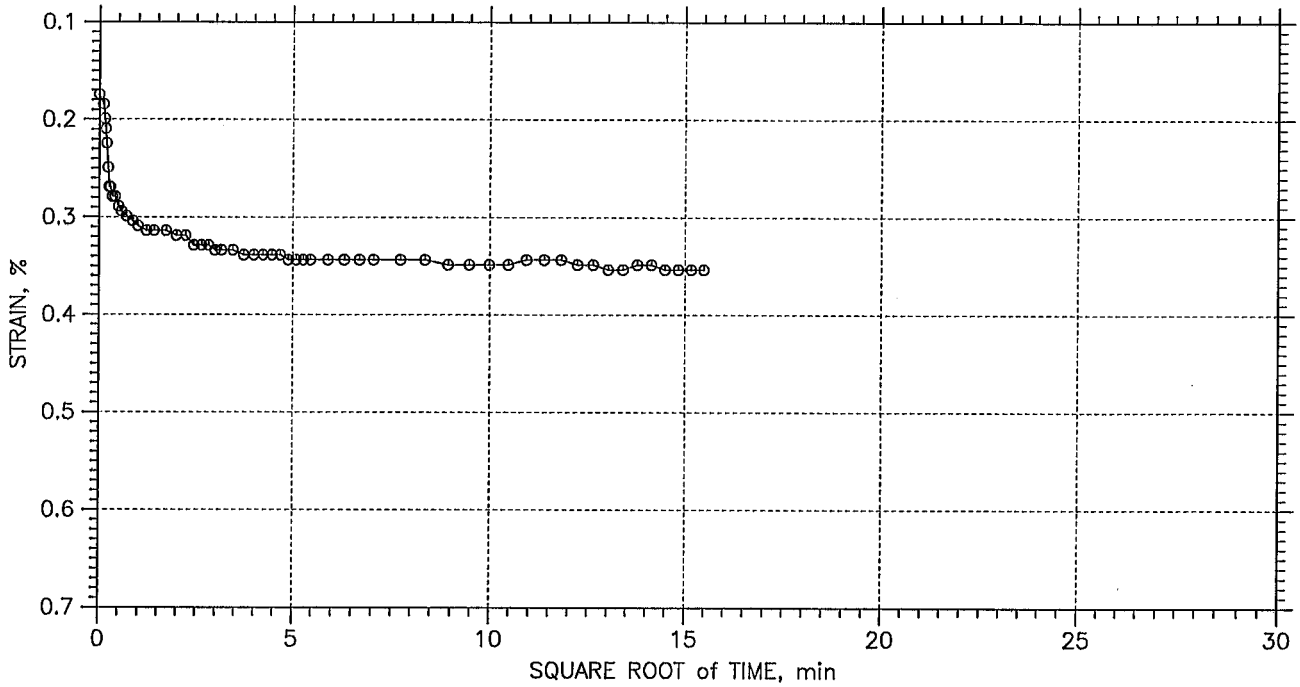
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

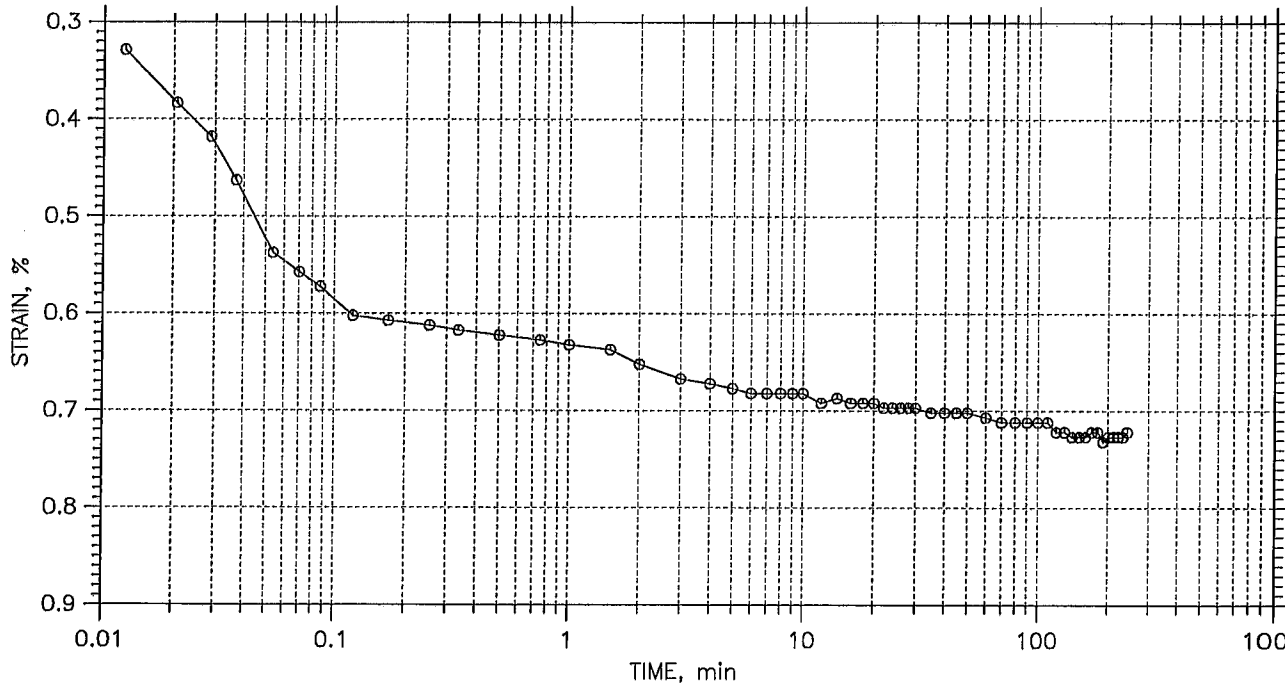
Tue, 24-APR-2007 11:01:25

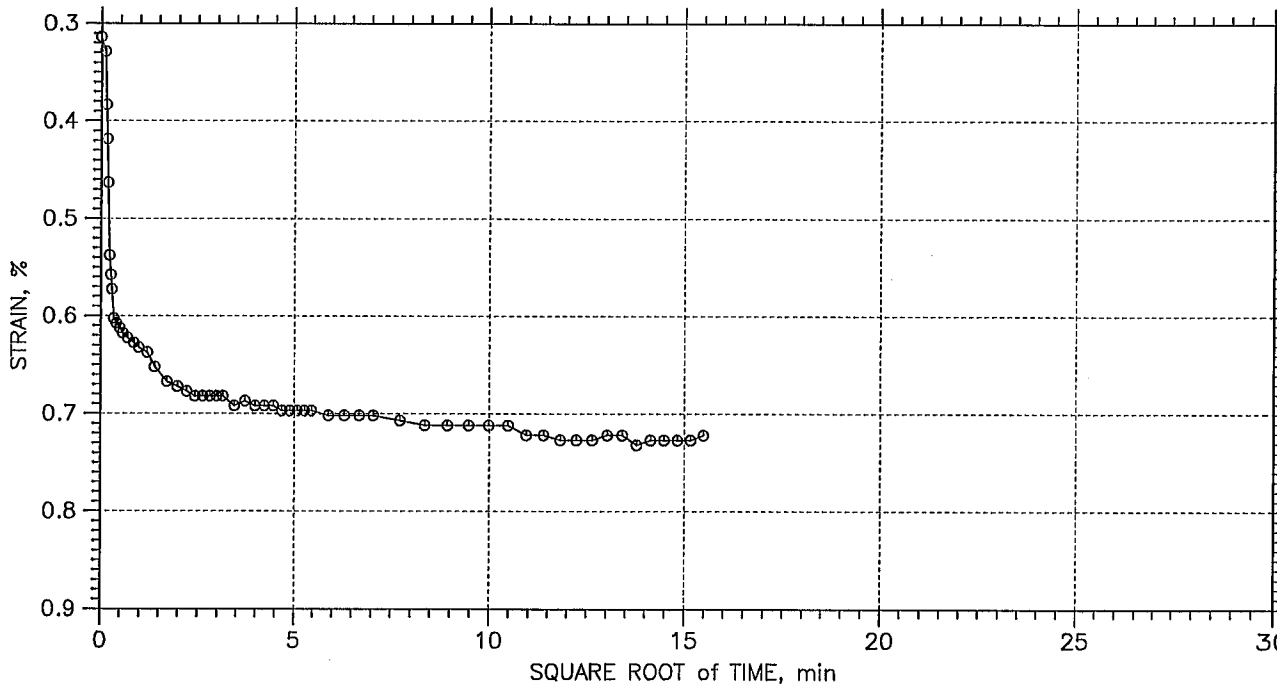
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

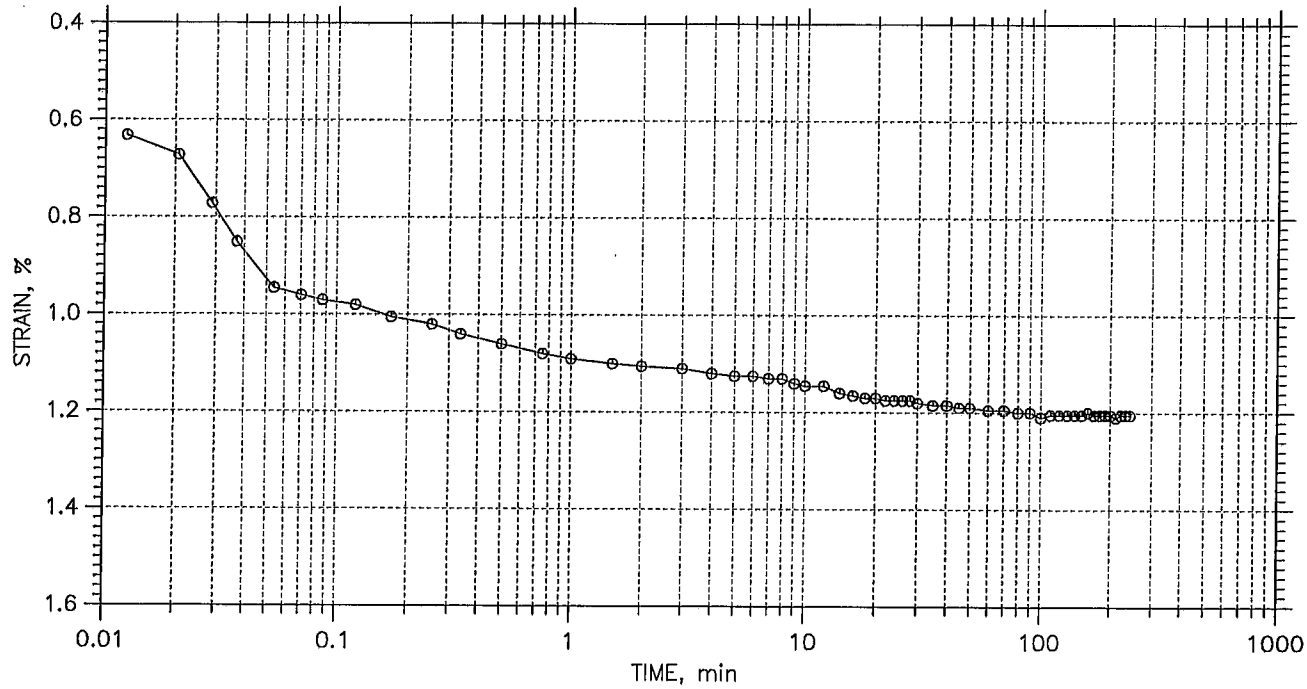
Tue, 24-APR-2007 10:59:57

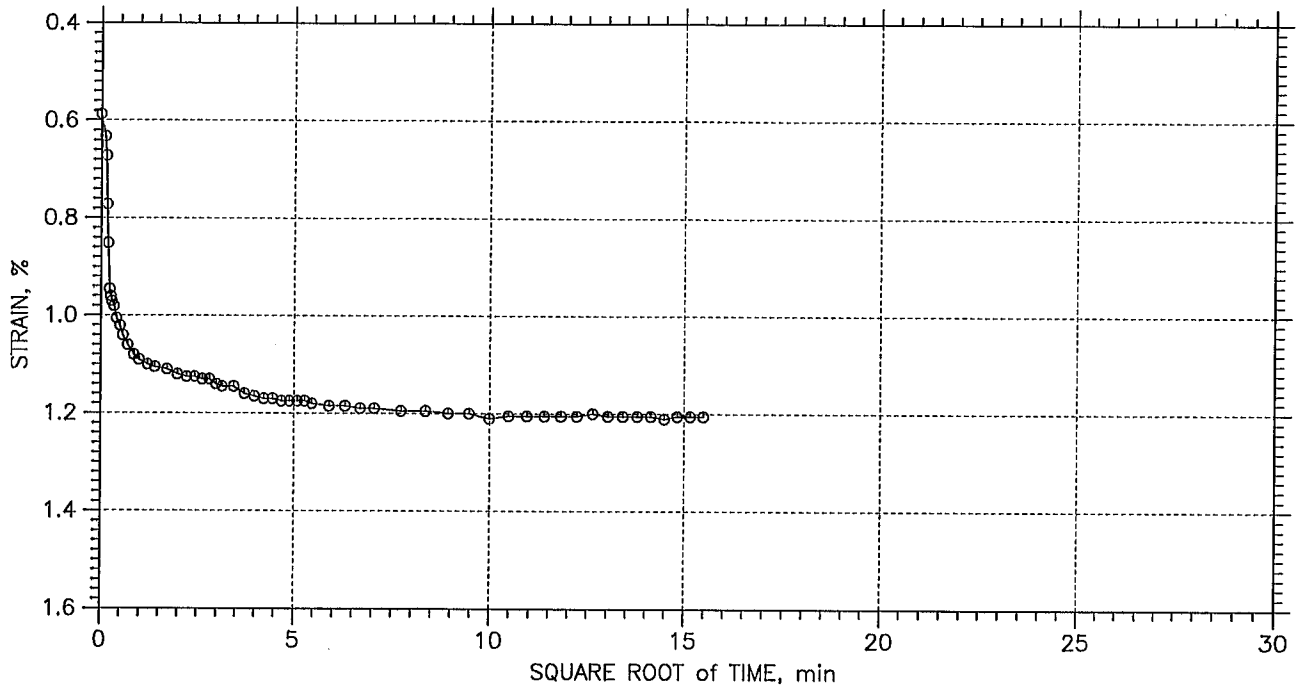
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

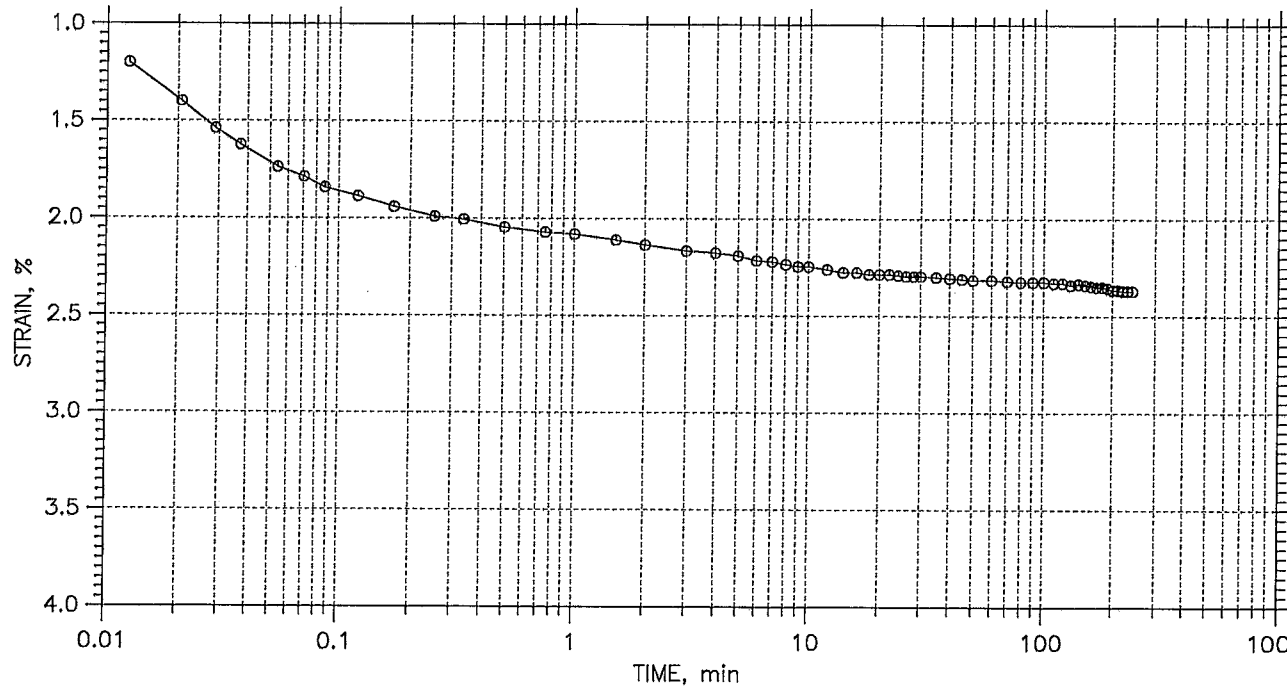
Tue, 24-APR-2007 10:59:59

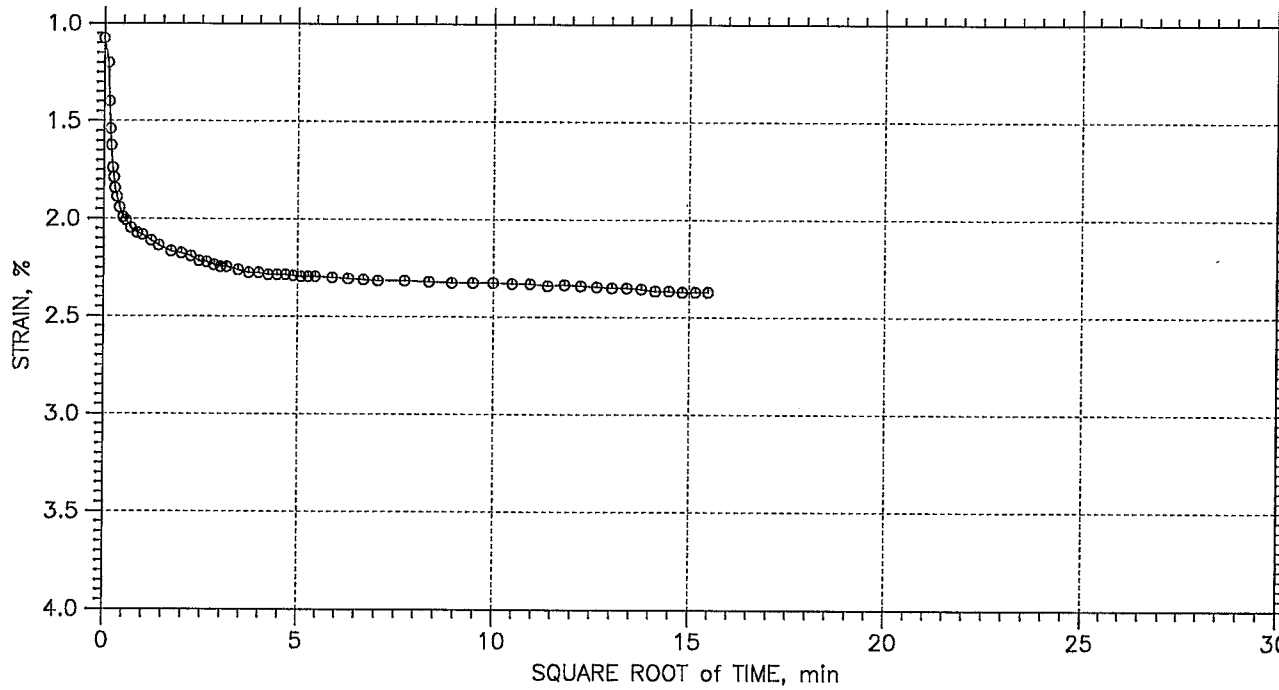
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

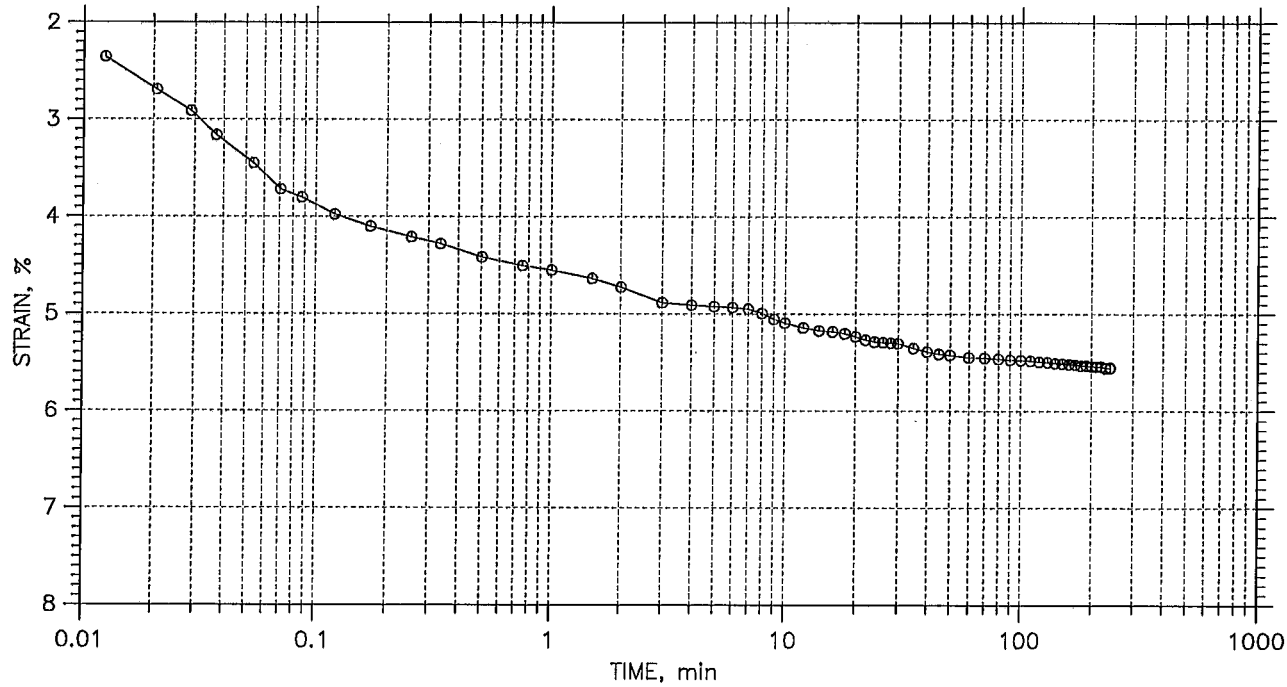
Tue, 24-APR-2007 11:00:00

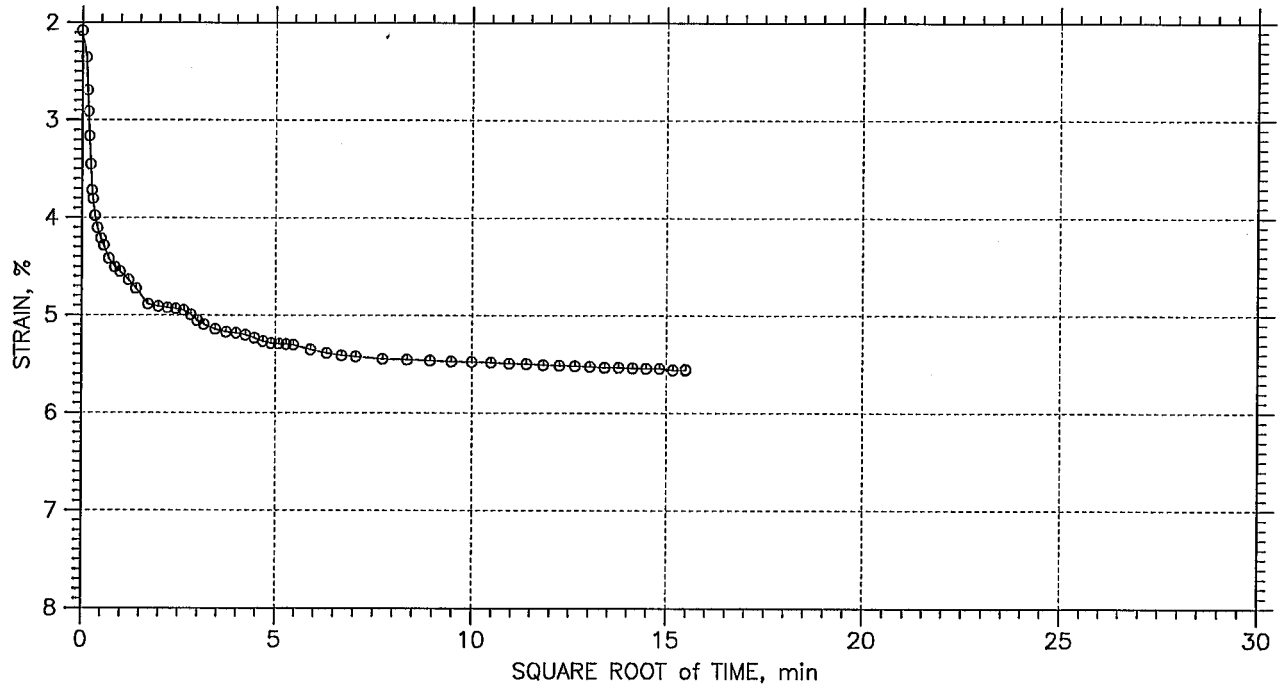
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

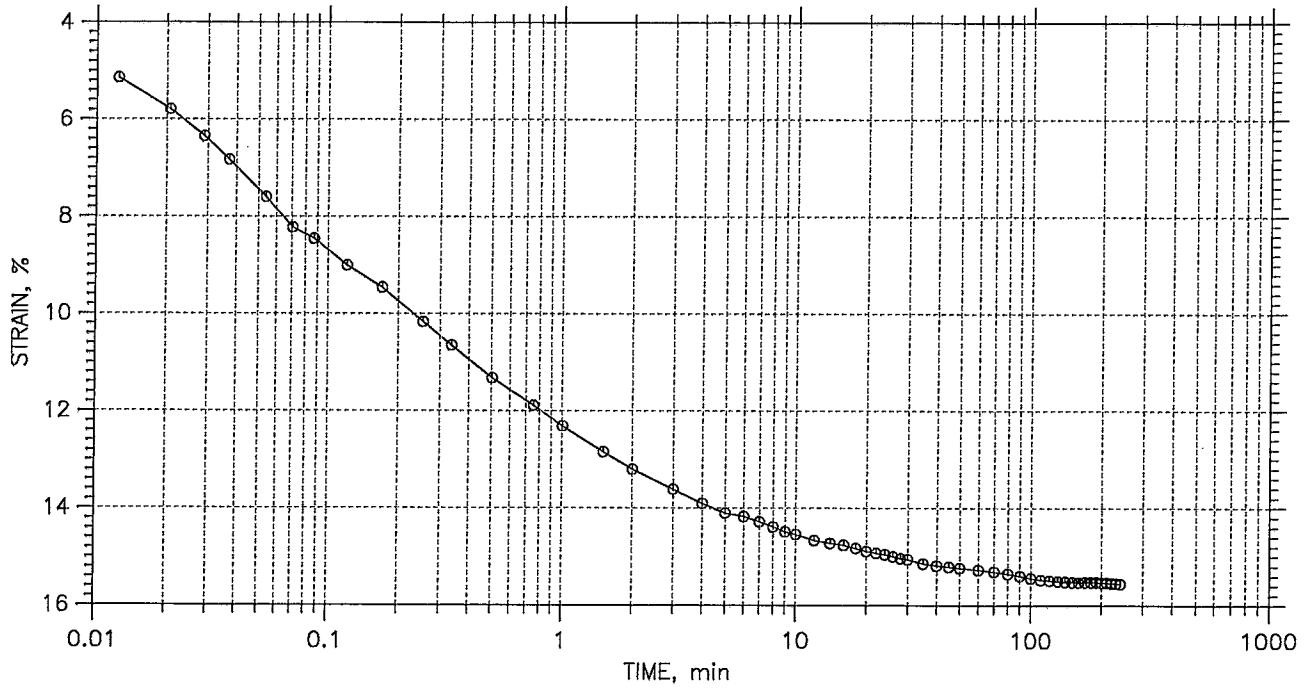
Tue, 24-APR-2007 11:00:01

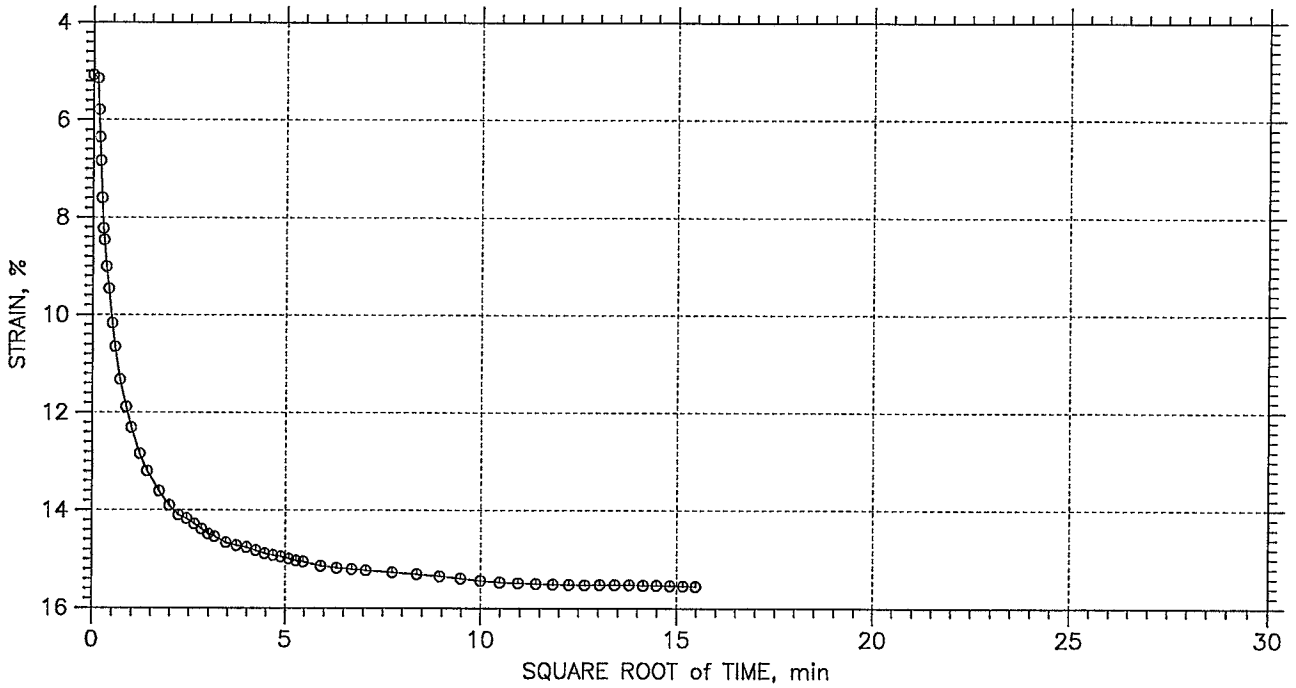
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

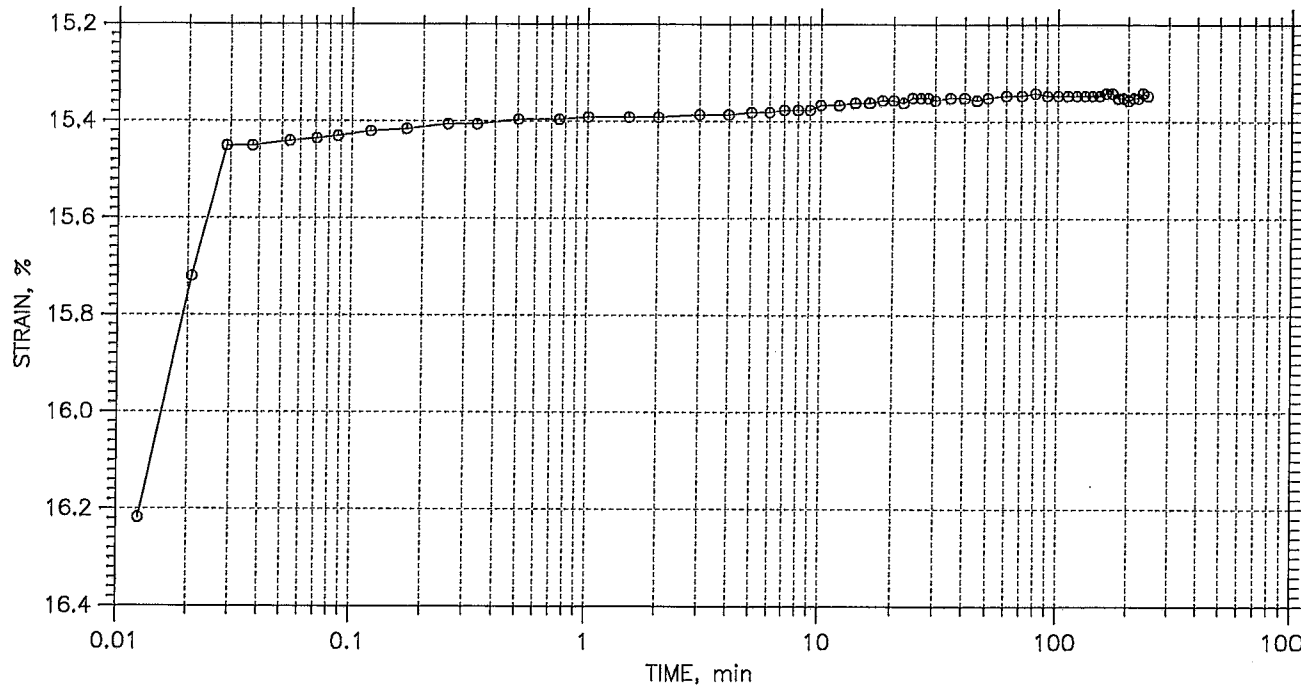
Tue, 24-APR-2007 11:00:02

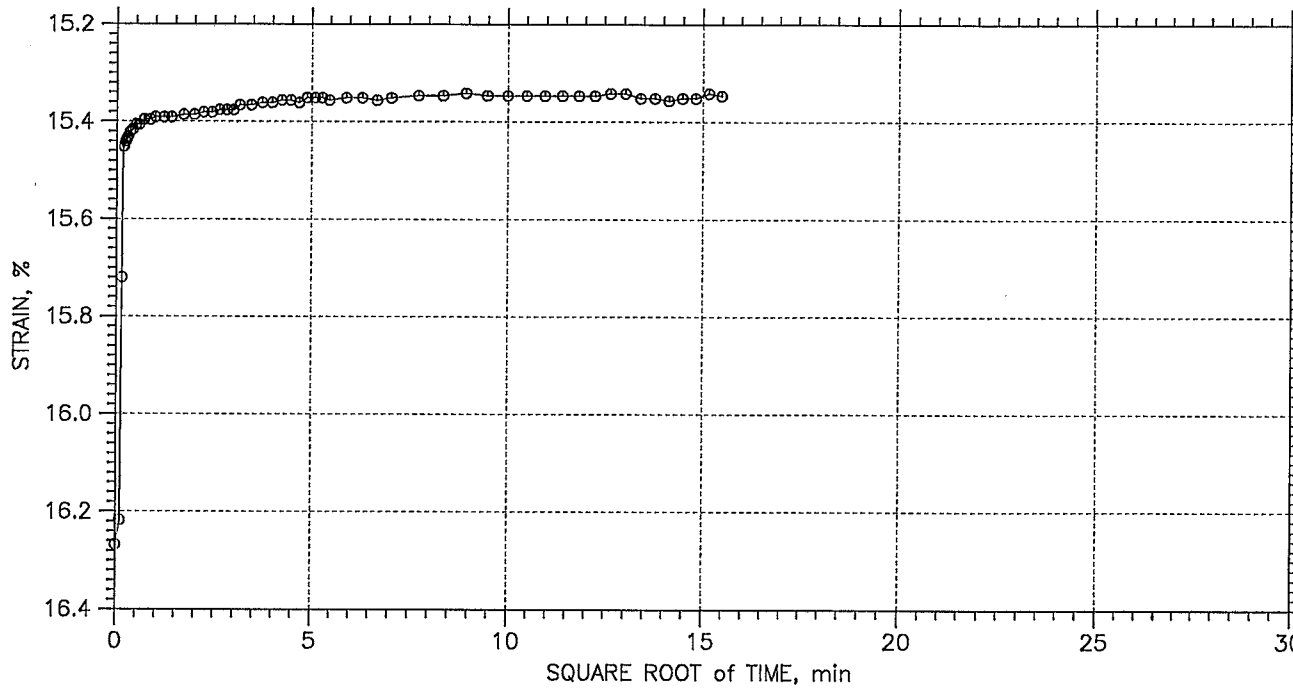
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

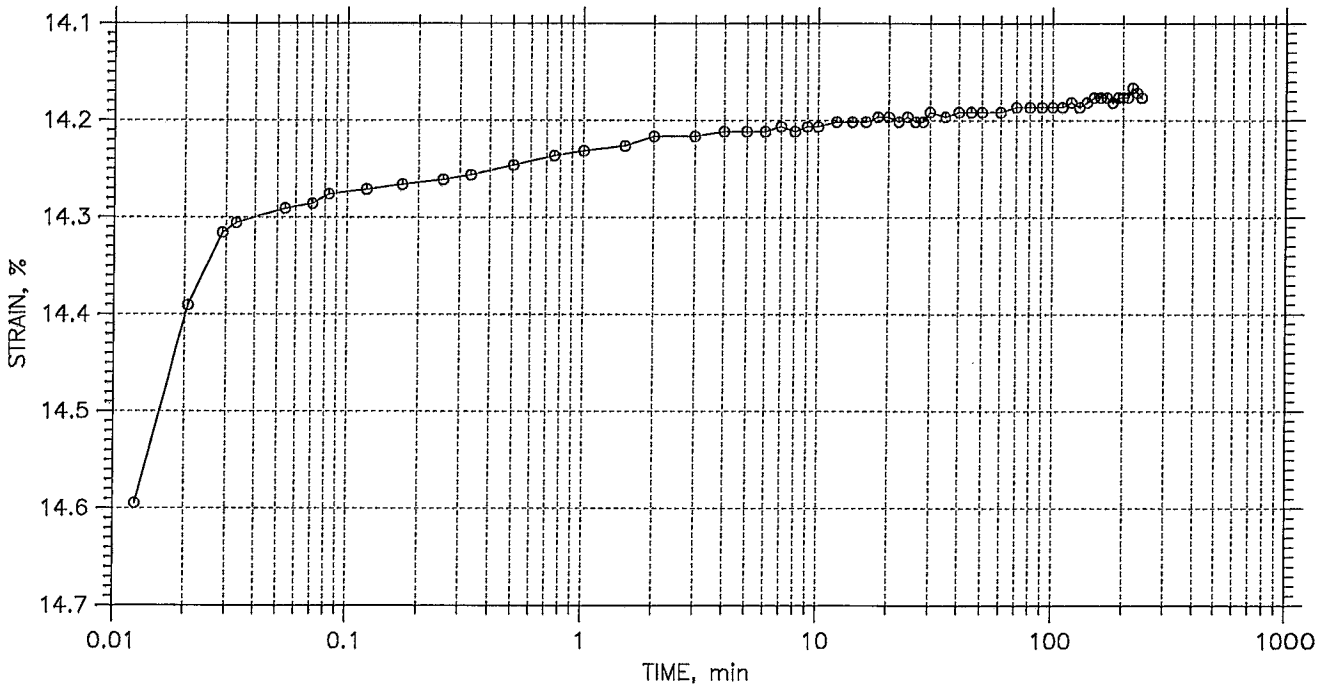
Tue, 24-APR-2007 11:00:03

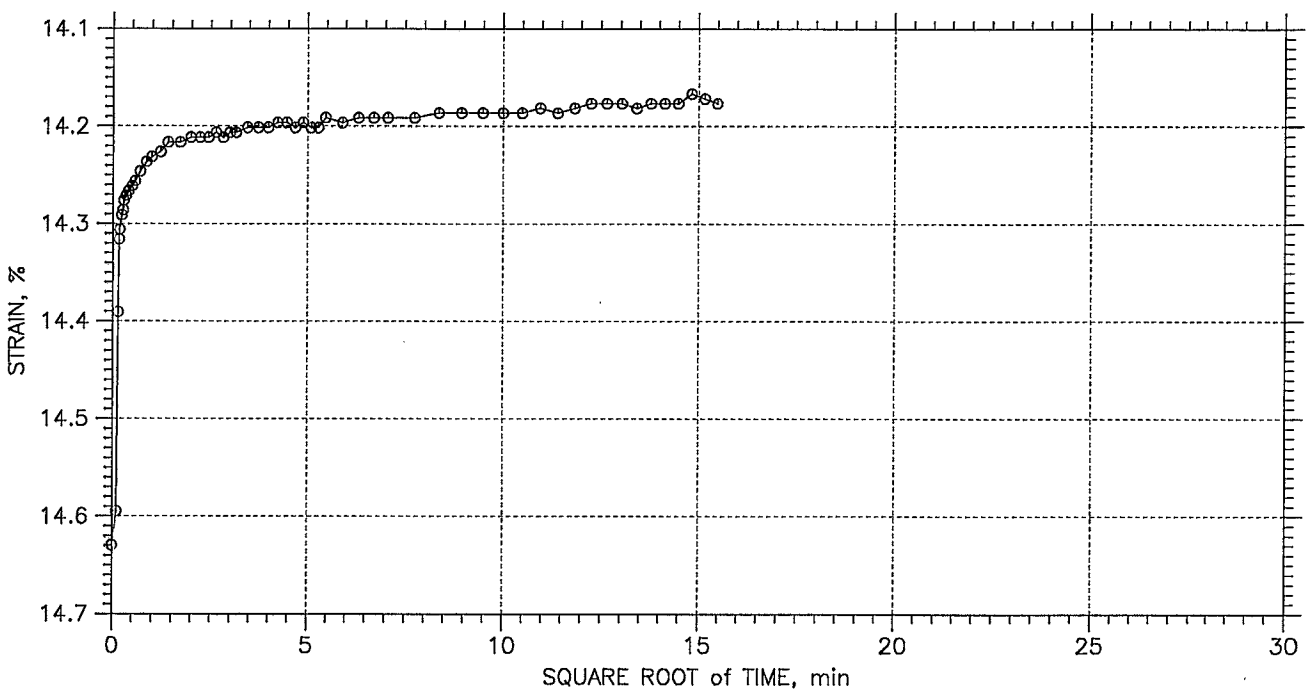
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

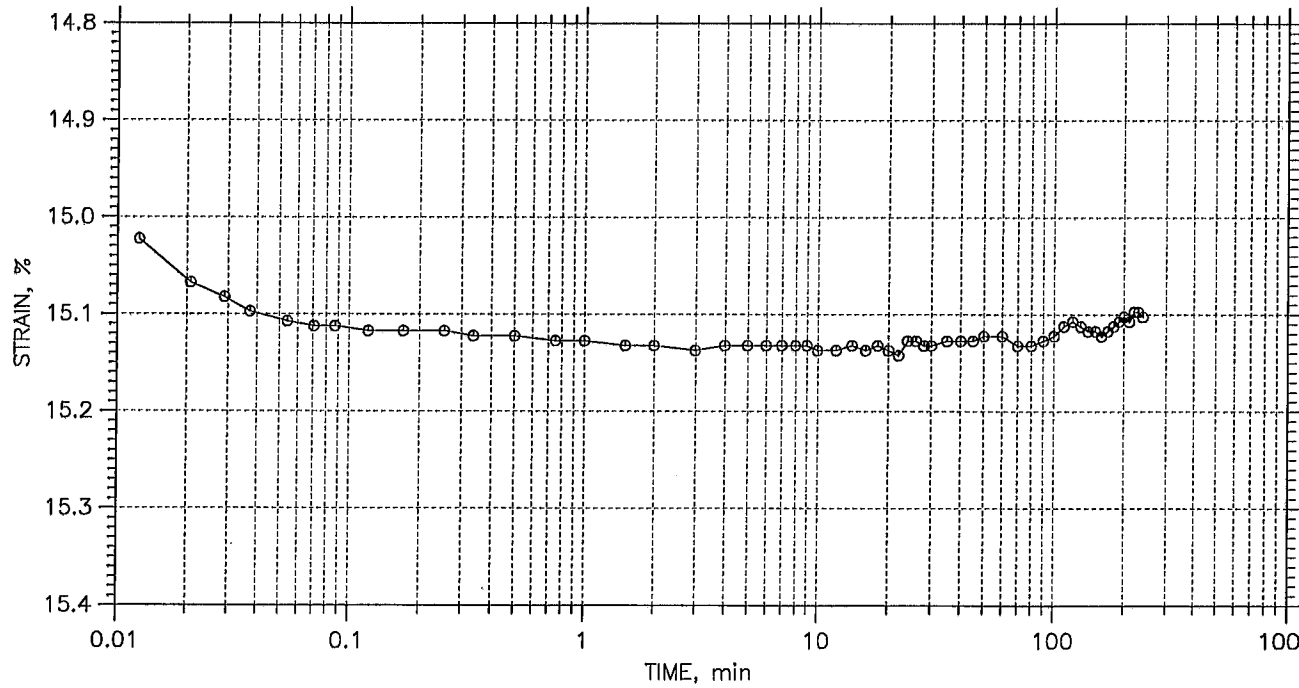
Tue, 24-APR-2007 11:00:04

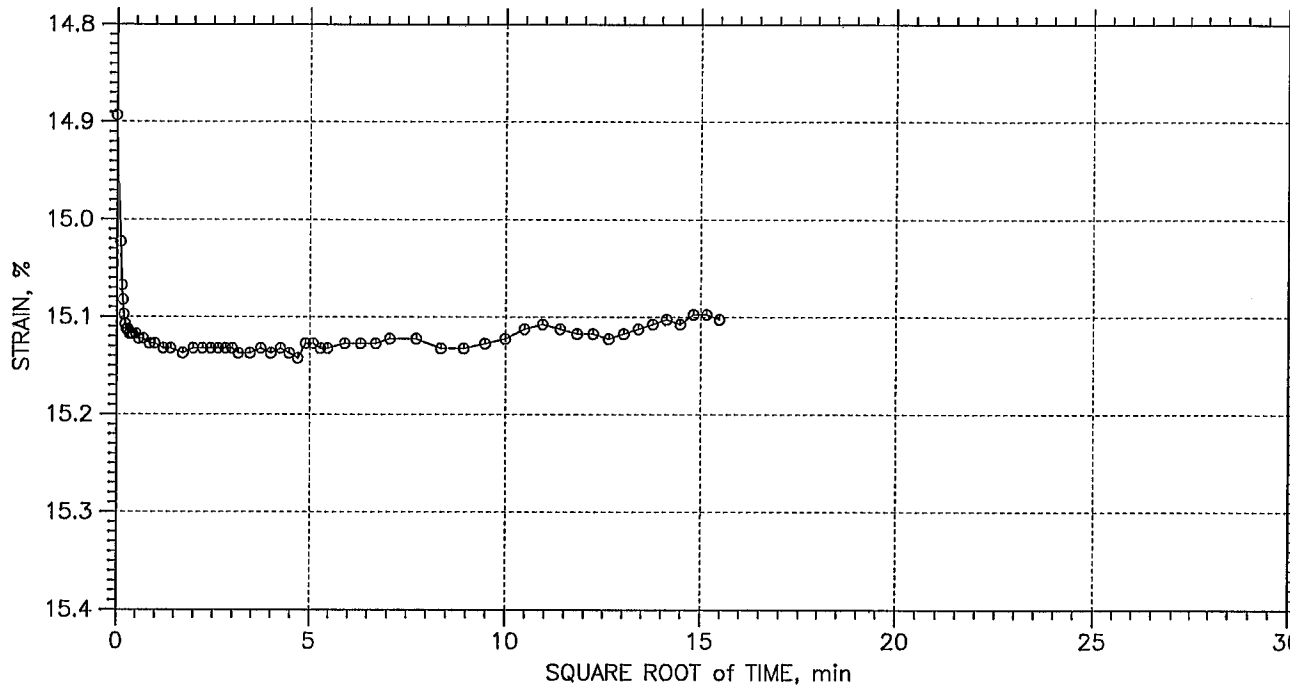
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

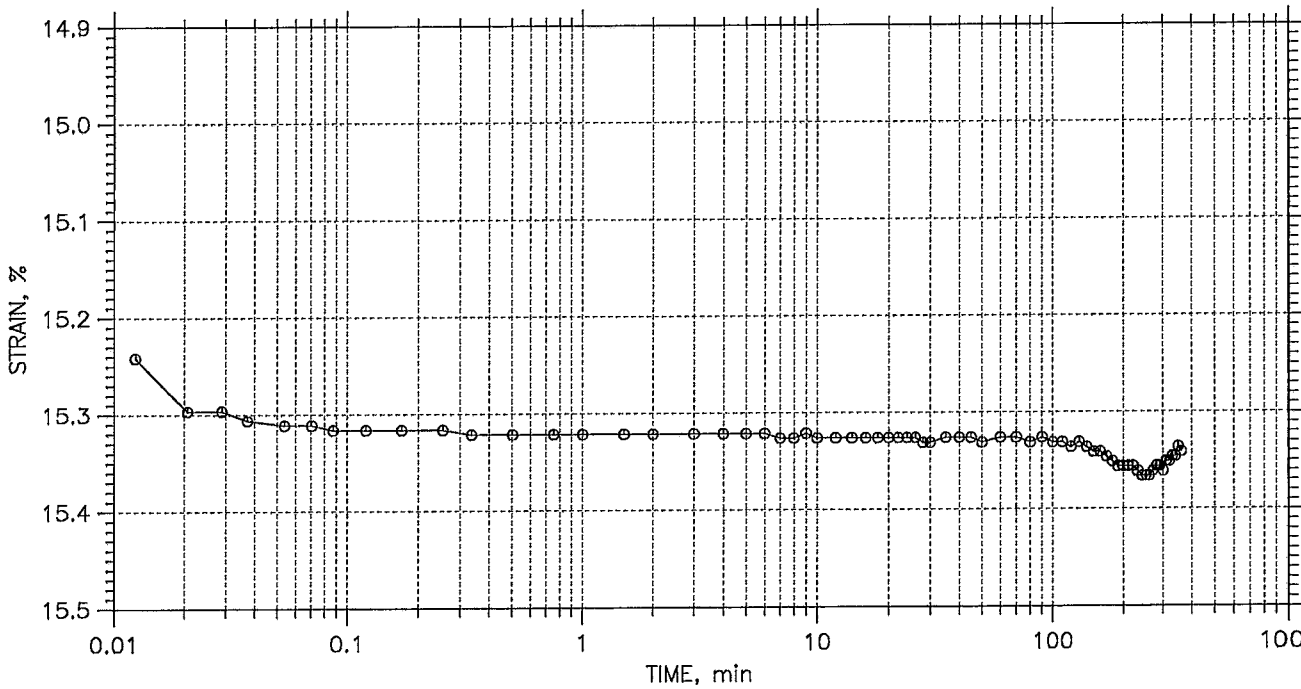
Tue, 24-APR-2007 11:02:04

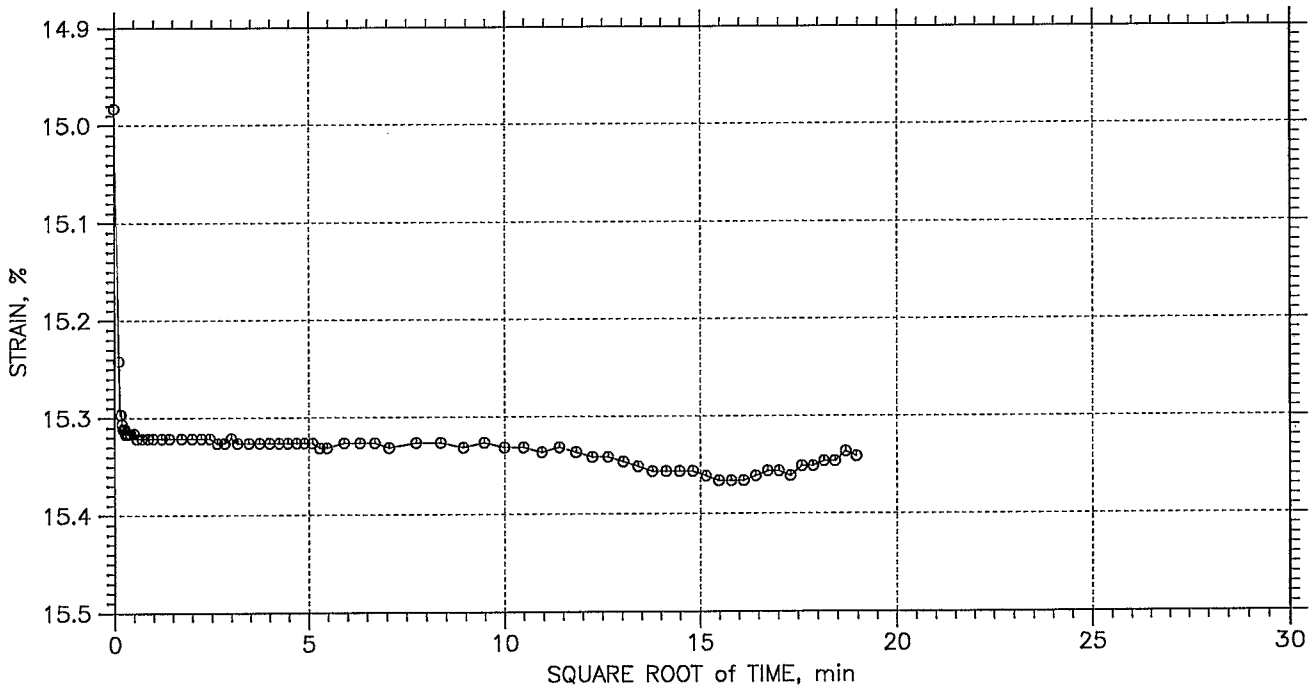
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

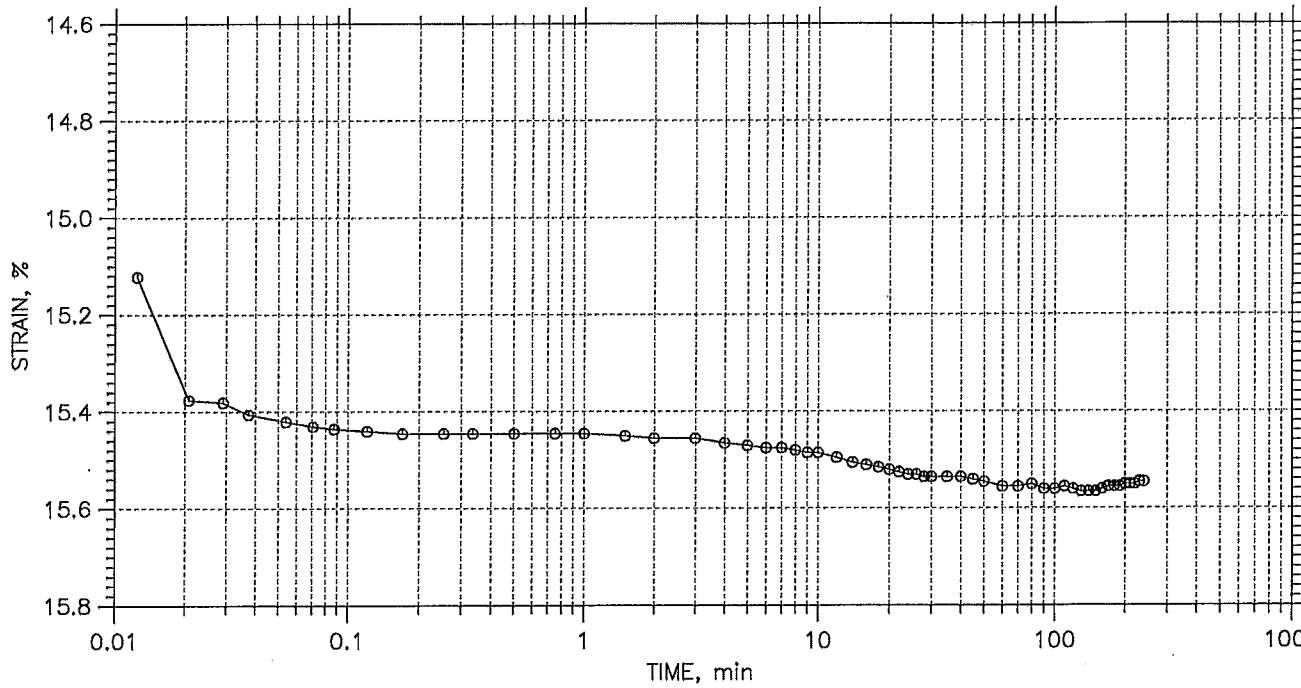
Tue, 24-APR-2007 11:00:06

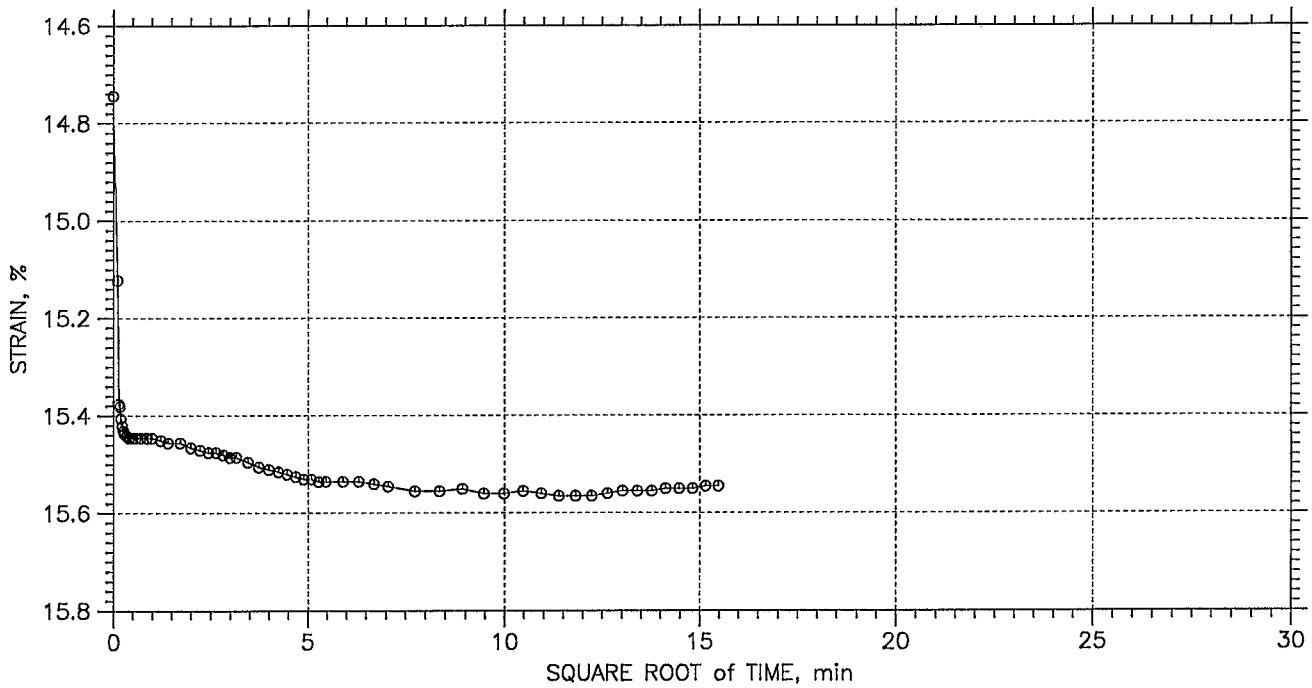
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



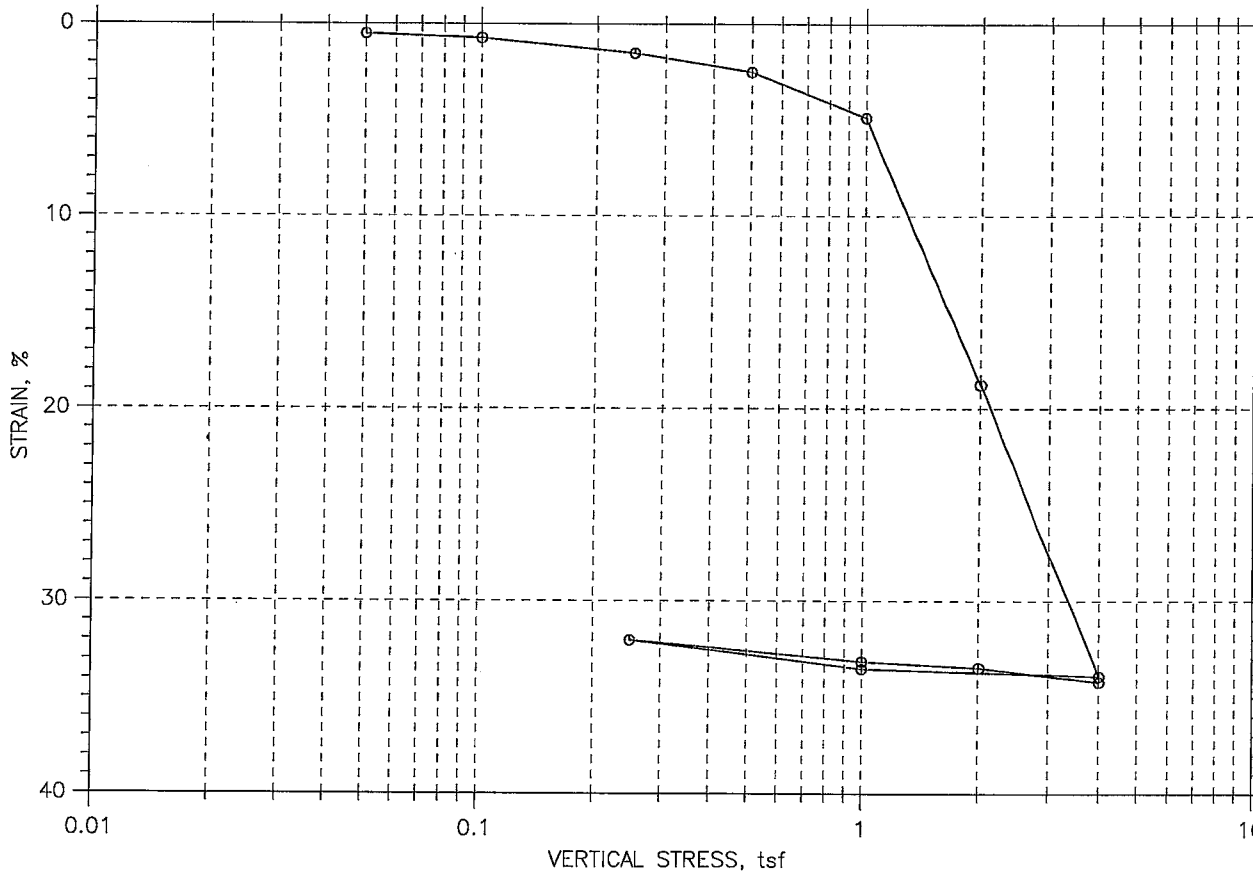


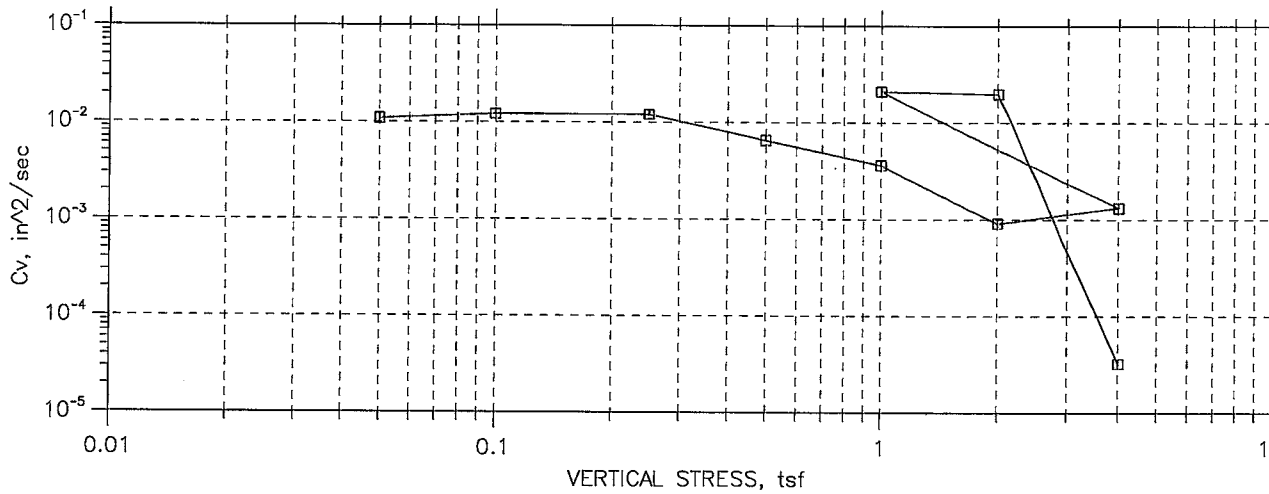
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-04A	Tested By: md	Checked By: jdt
	Sample No.: 0298-02	Test Date: 04/17/07	Depth: 70-72 ft
	Test No.: C-22	Sample Type: tube	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Tue, 24-APR-2007 11:03:37

CONSOLIDATION TEST DATA

SUMMARY REPORT



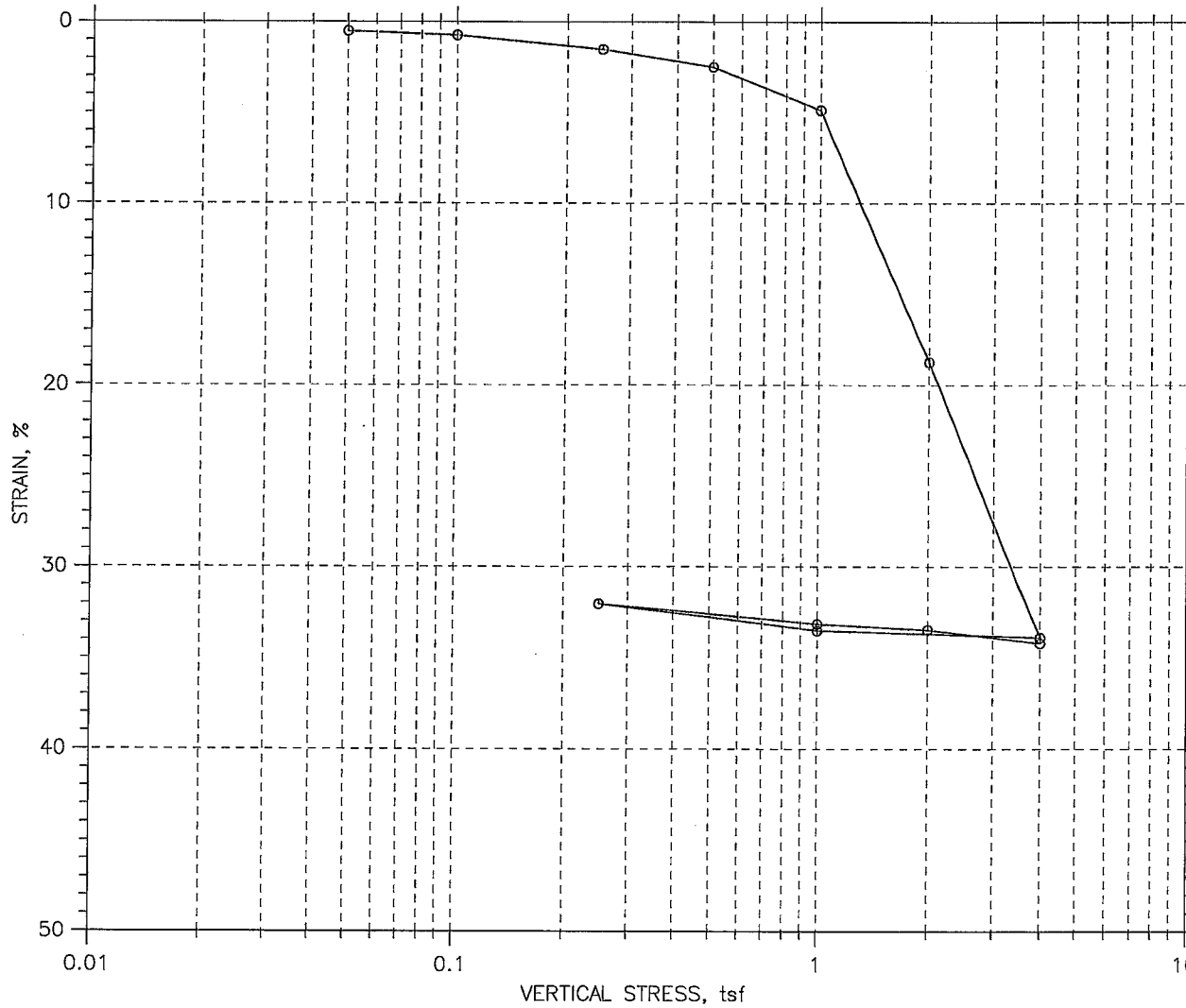


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

Mon, 09-APR-2007 12:02:01

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	363.00	233.77
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	15.1	22.95
Compression Index: ---				Saturation, %	96.76	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	9.83	6.13
LL: 158	PL: 119	PI: 39	GS: 2.62			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

Mon, 09-APR-2007 12:02:04

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-05
Sample No.: 0298-04
Test No.: C-3

Location: Syracuse, NY
Tested By: md
Test Date: 02/13/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 14-16 ft
Elevation: ---

Soil Description: Moist, mottled white and gray silt
Remarks: System R

Measured Specific Gravity: 2.62
Initial Void Ratio: 9.83
Final Void Ratio: 6.13

Liquid Limit: 158
Plastic Limit: 119
Plasticity Index: 39

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2165	RING		ST1920
Wt. Container + Wet Soil, gm	124.98	306.51	281.36	73.8
Wt. Container + Dry Soil, gm	32.04	235.86	235.86	27.84
Wt. Container, gm	8.2	216.4	216.4	8.18
Wt. Dry Soil, gm	23.84	19.462	19.462	19.66
Water Content, %	389.85	363.00	233.77	233.77
Void Ratio	---	9.83	6.13	---
Degree of Saturation, %	---	96.76	99.99	---
Dry Unit Weight, pcf	---	15.104	22.954	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-05
Sample No.: 0298-04
Test No.: C-3

Location: Syracuse, NY
Tested By: md
Test Date: 02/13/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 14-16 ft
Elevation: ---

Soil Description: Moist, mottled white and gray silt
Remarks: System R

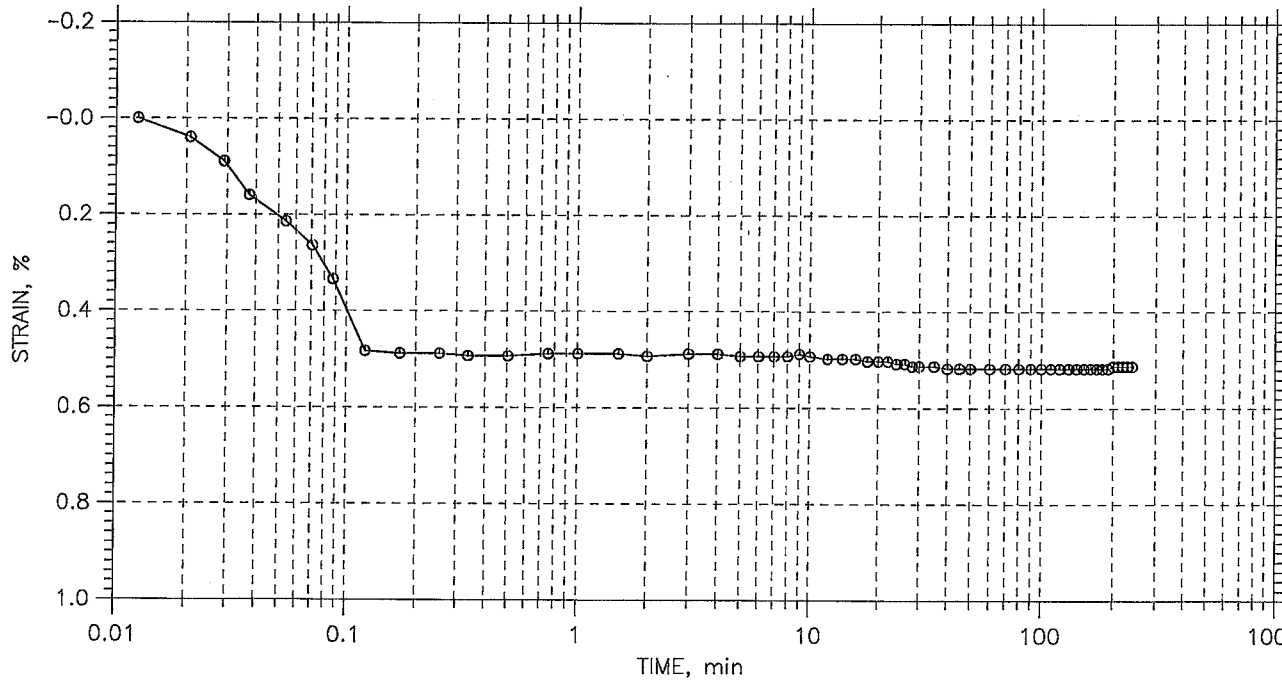
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.005125	9.773	0.51	0.1	0.0	1.09e-002	0.00e+000	1.09e-002
2	0.1	0.007366	9.749	0.74	0.1	0.0	1.22e-002	0.00e+000	1.22e-002
3	0.25	0.01518	9.664	1.52	0.1	0.1	1.07e-002	1.39e-002	1.20e-002
4	0.5	0.02494	9.559	2.49	0.2	0.0	4.09e-003	1.61e-002	6.53e-003
5	1	0.04868	9.302	4.87	0.3	0.1	2.27e-003	8.86e-003	3.62e-003
6	2	0.1875	7.799	18.75	0.8	0.6	8.33e-004	1.01e-003	9.11e-004
7	4	0.3389	6.159	33.89	0.3	0.4	1.46e-003	1.21e-003	1.32e-003
8	1	0.3351	6.200	33.51	0.0	0.0	1.85e-002	0.00e+000	1.85e-002
9	0.25	0.3204	6.360	32.04	1.6	0.0	2.29e-004	0.00e+000	2.29e-004
10	1	0.3314	6.240	33.14	0.0	0.0	2.10e-002	0.00e+000	2.10e-002
11	2	0.3347	6.204	33.47	0.0	0.0	1.99e-002	0.00e+000	1.99e-002
12	4	0.342	6.126	34.20	11.1	0.0	3.24e-005	0.00e+000	3.24e-005

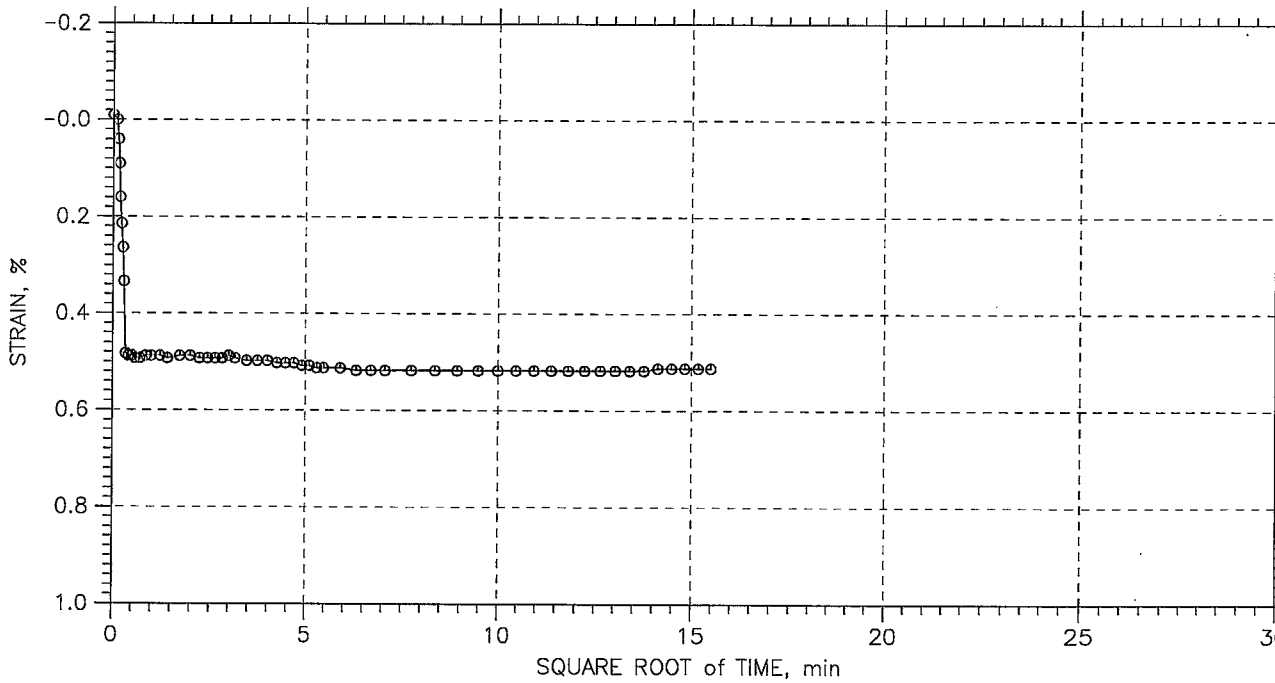
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

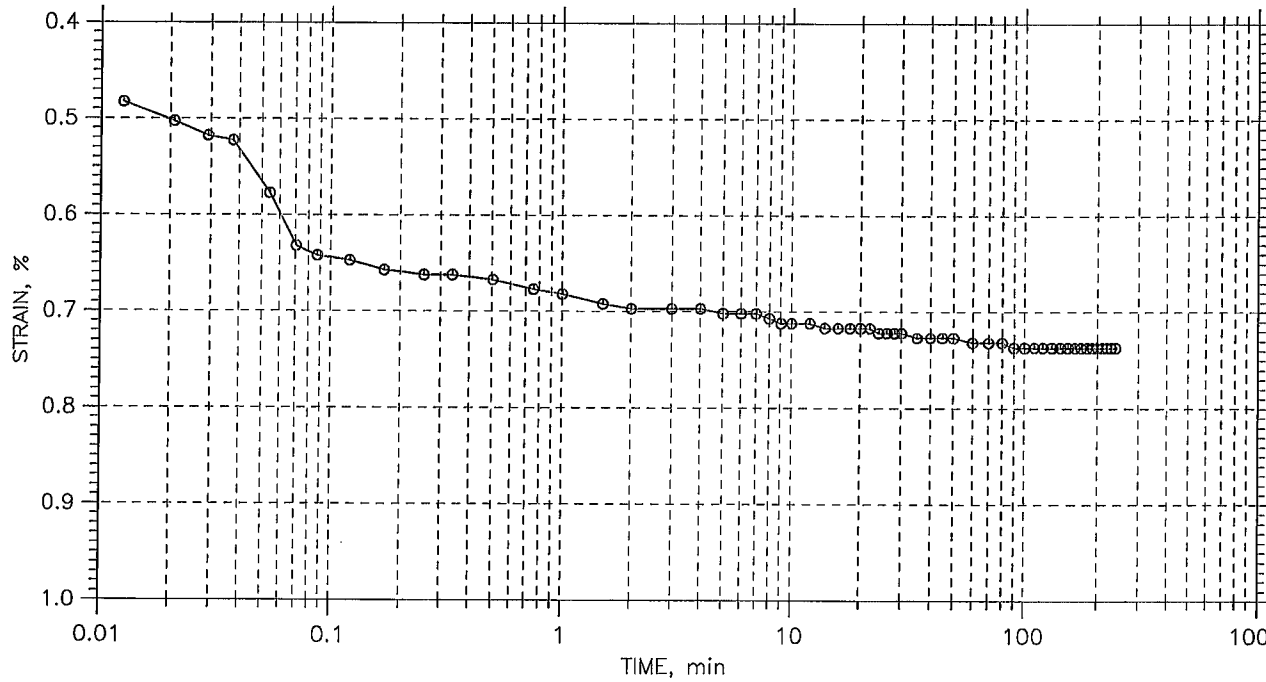
Mon, 09-APR-2007 12:02:07

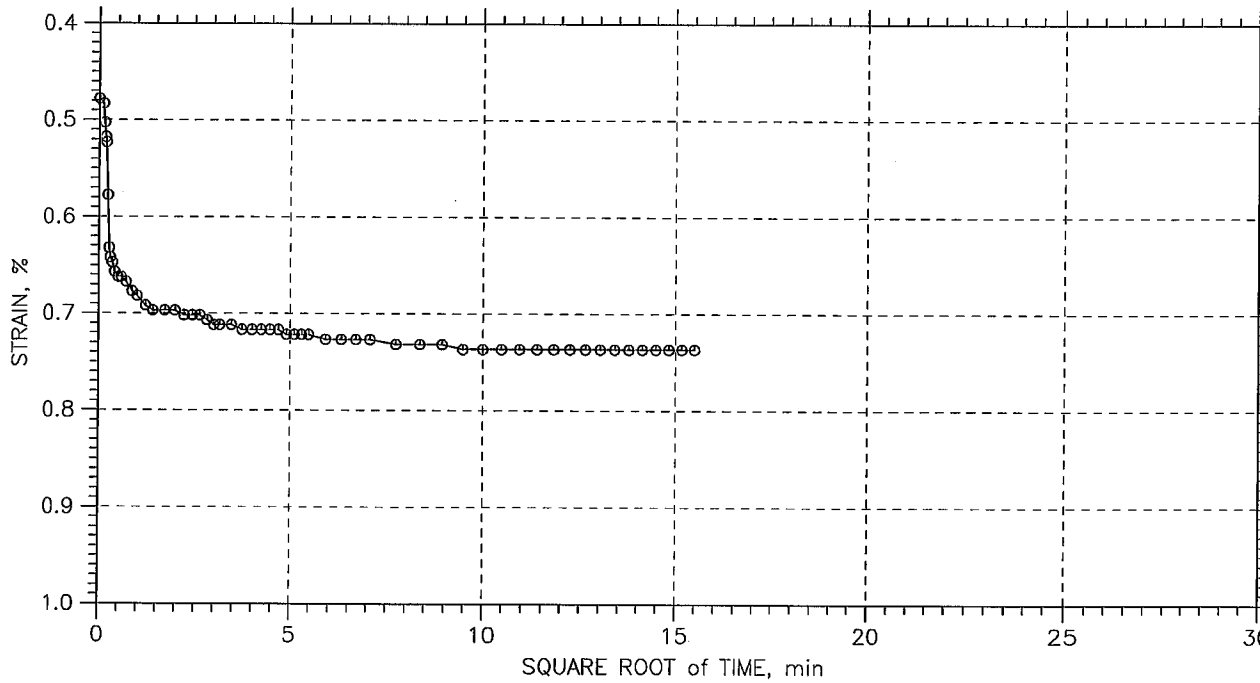
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

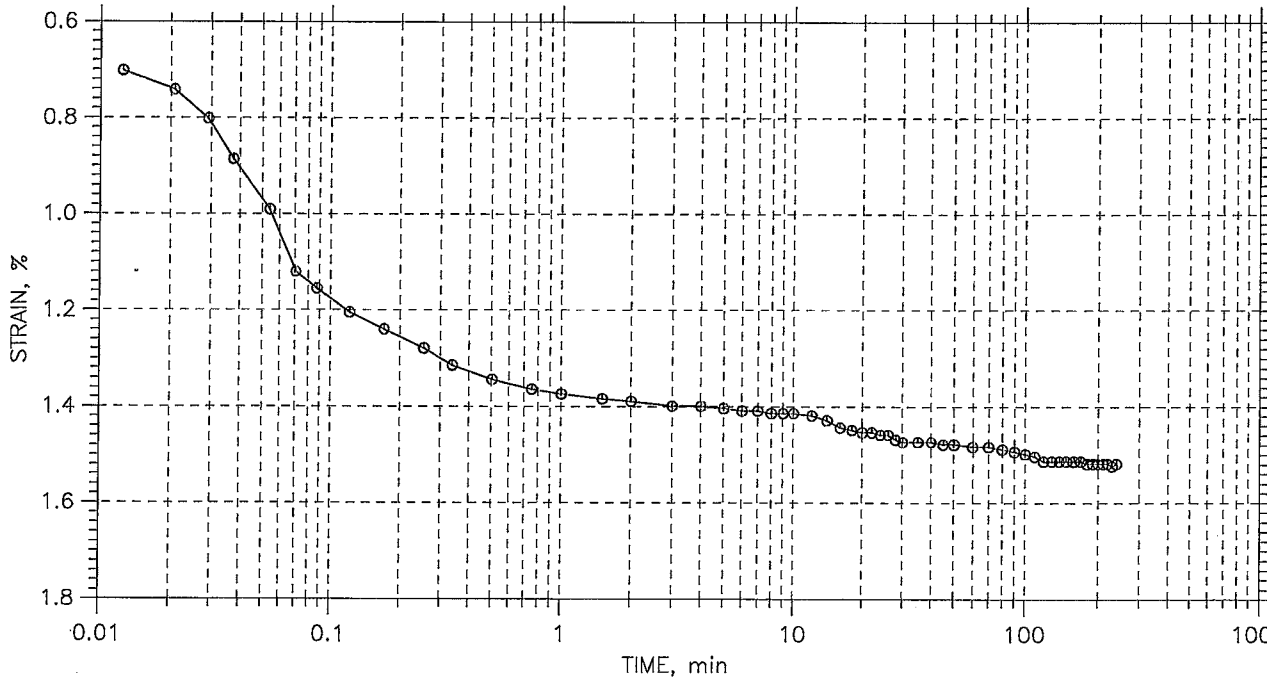
Mon, 09-APR-2007 12:01:46

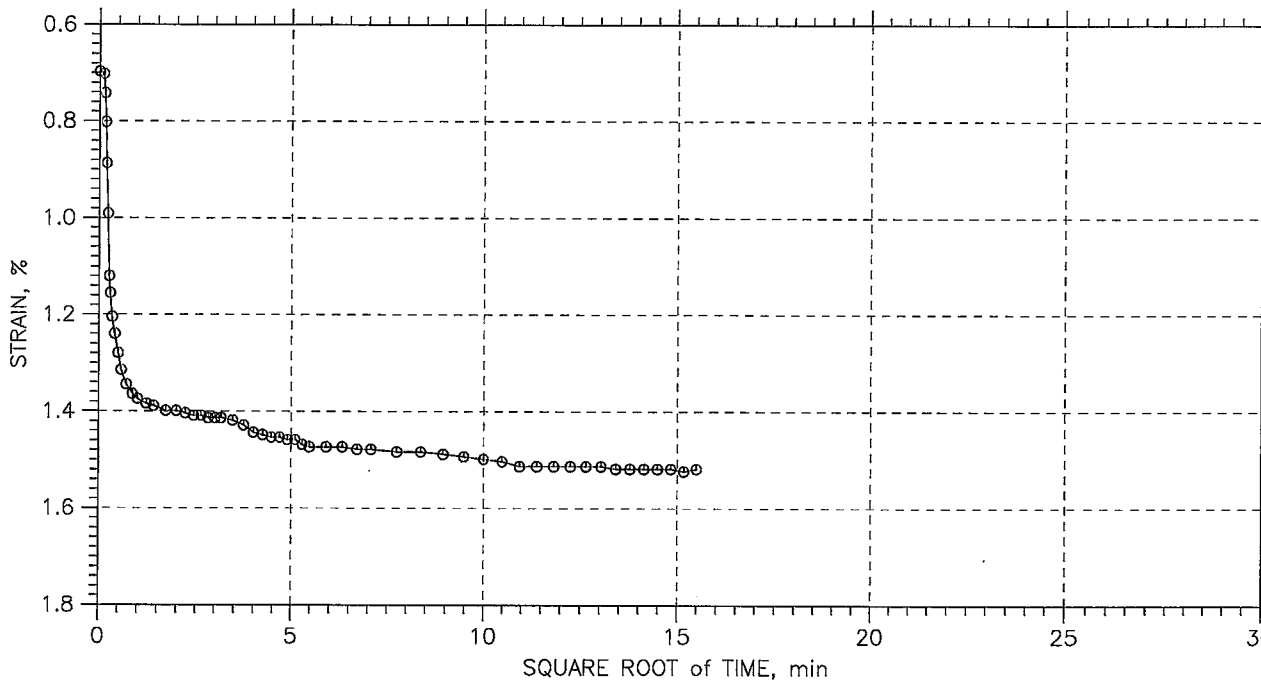
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

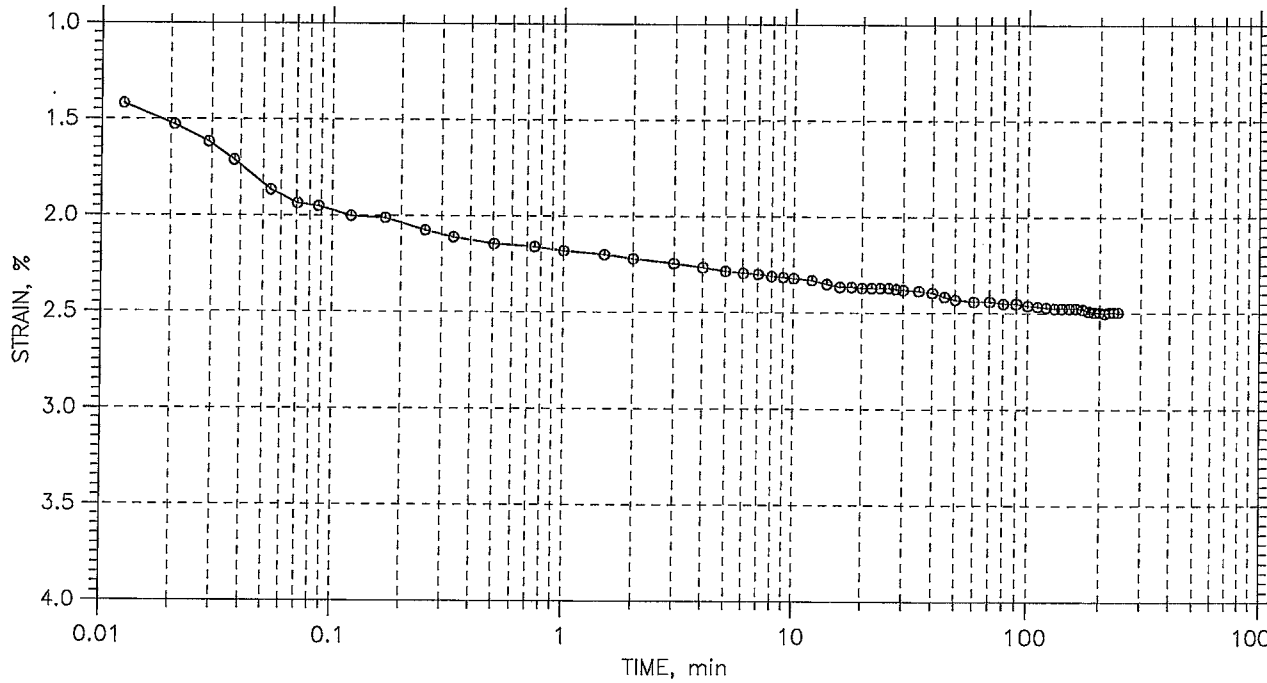
Mon, 09-APR-2007 12:02:12

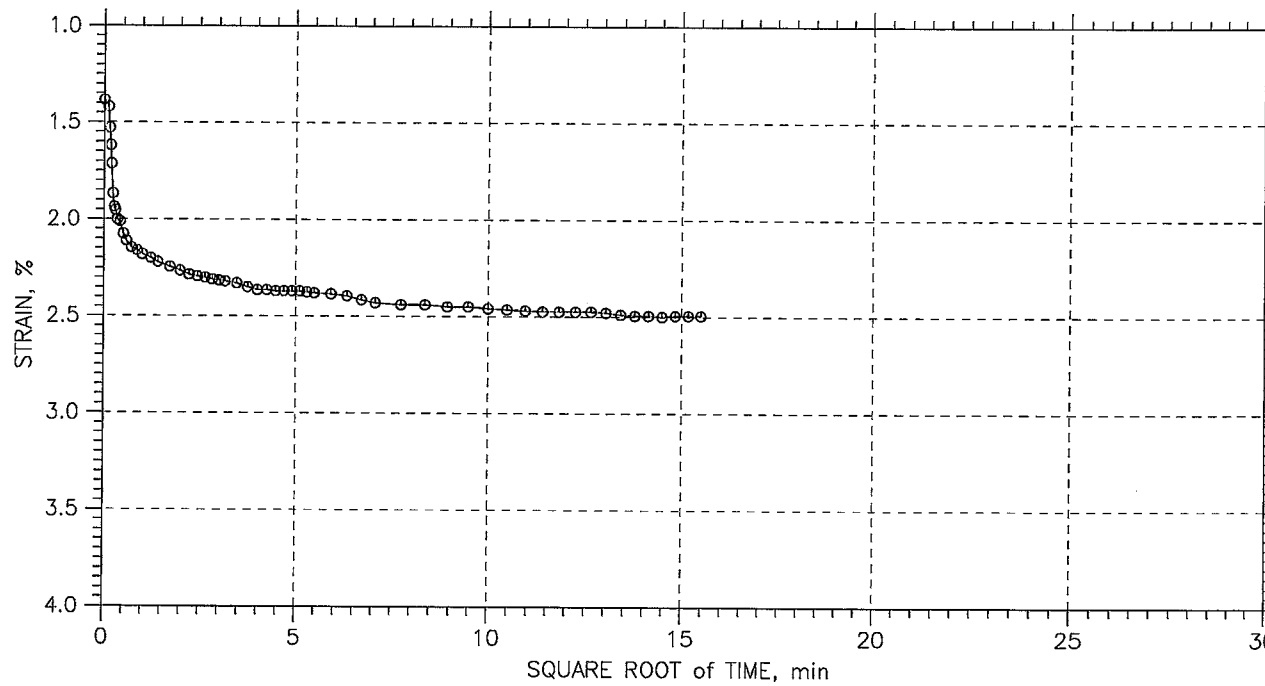
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

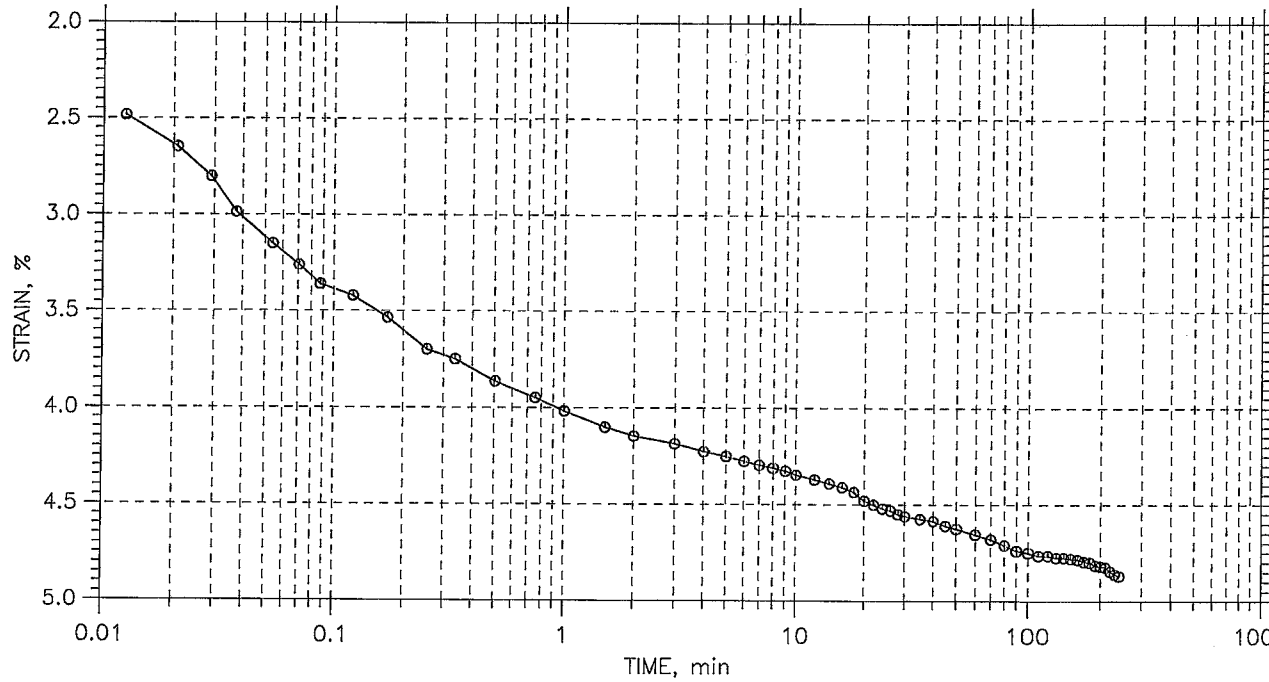
Mon, 09-APR-2007 12:02:14

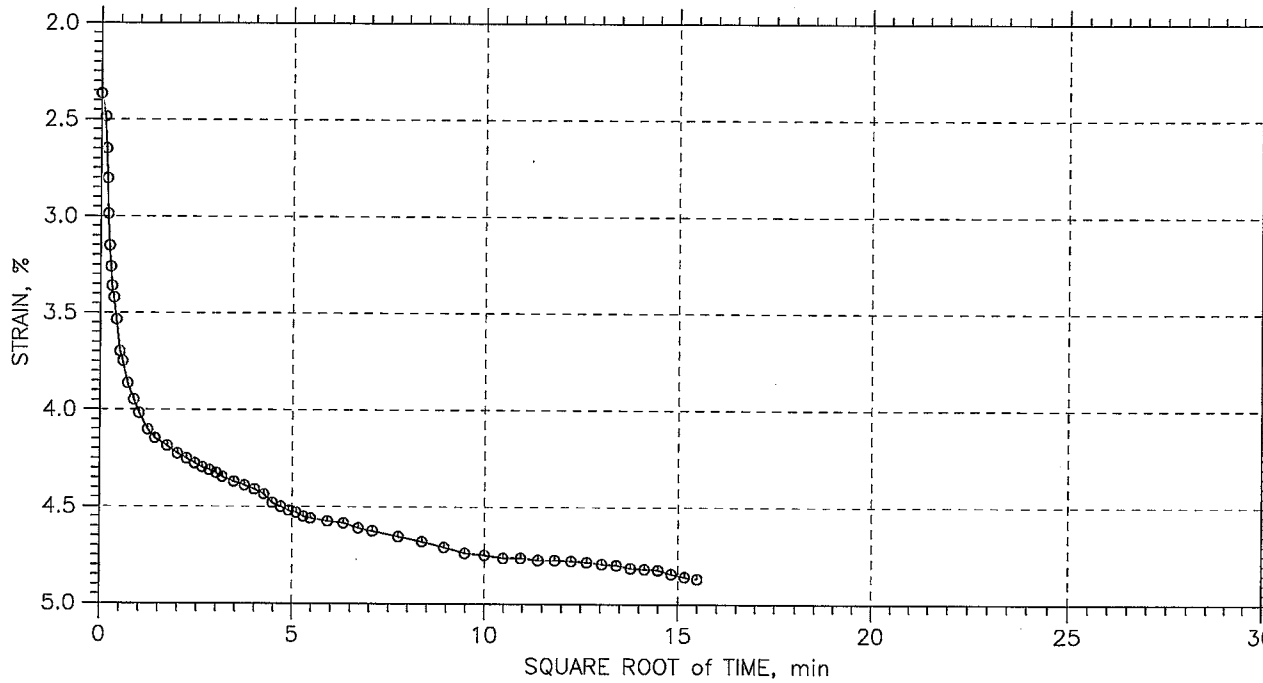
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

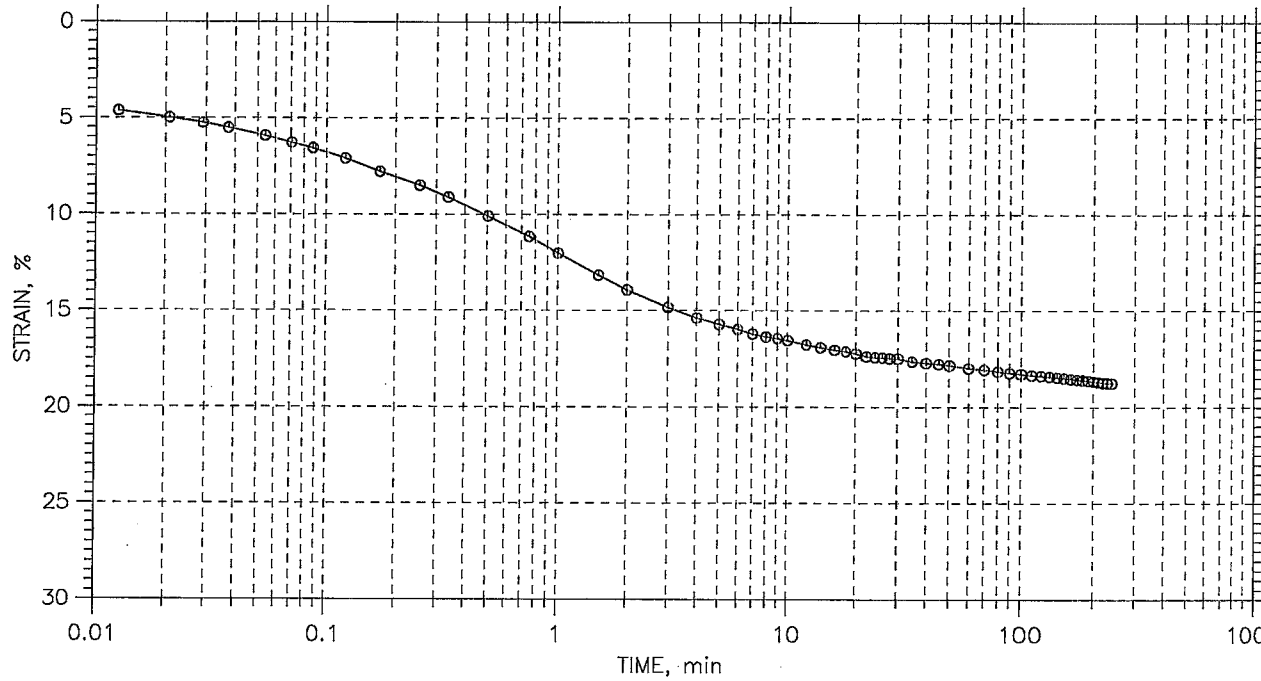
Mon, 09-APR-2007 12:02:17

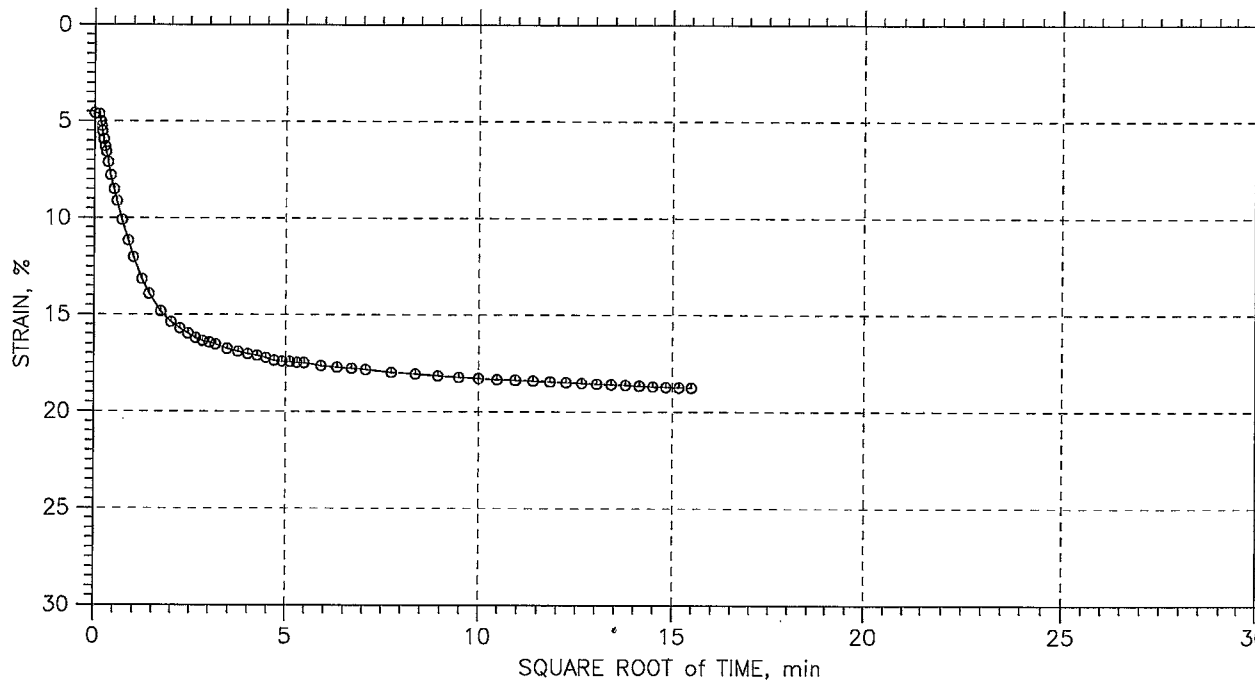
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

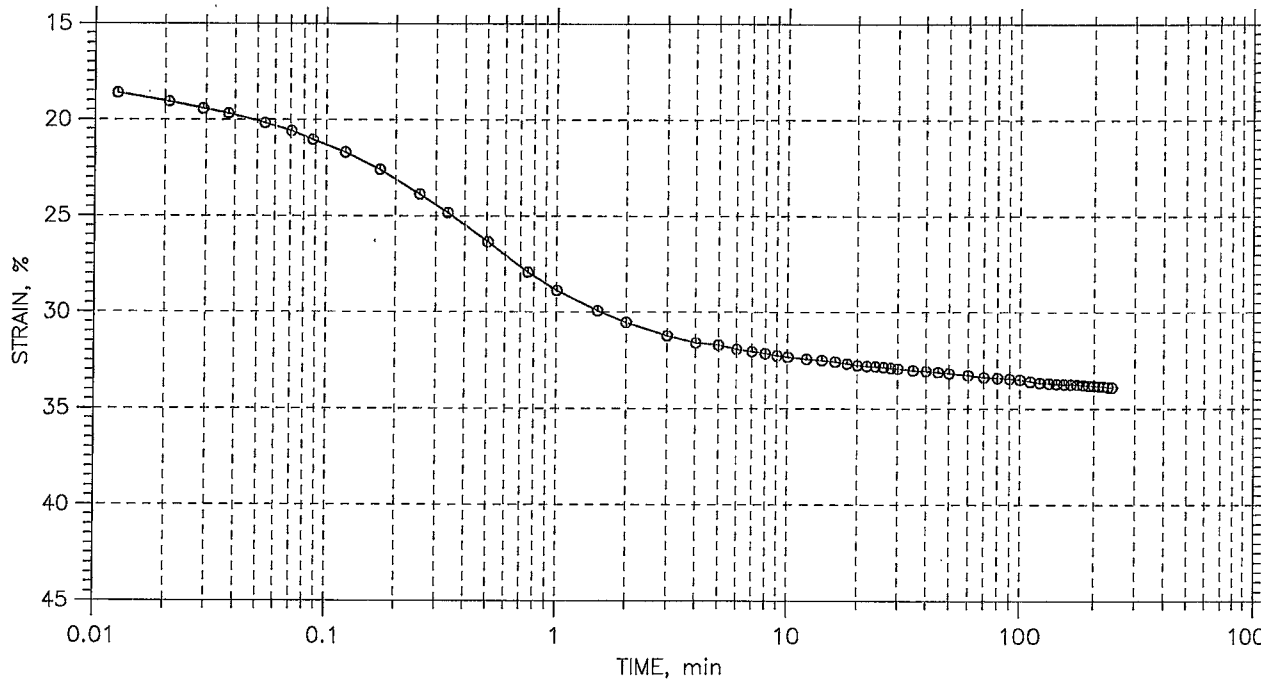
Mon, 09-APR-2007 12:02:20

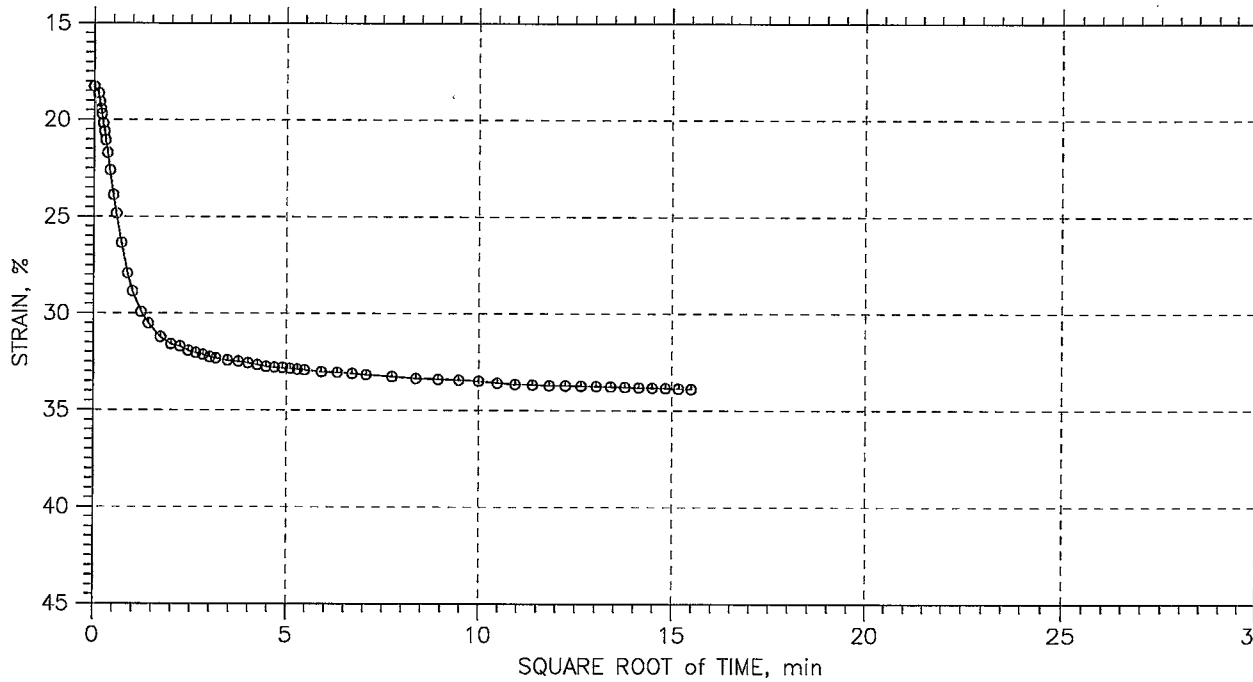
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

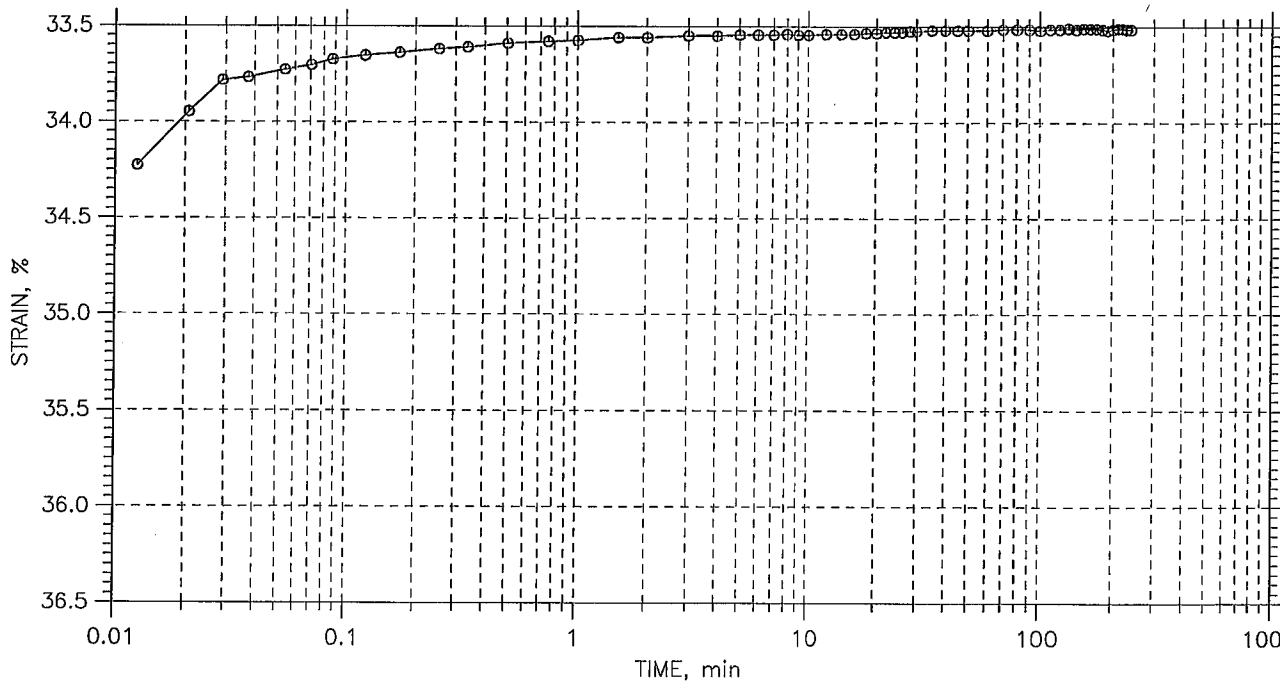
Mon, 09-APR-2007 12:02:22

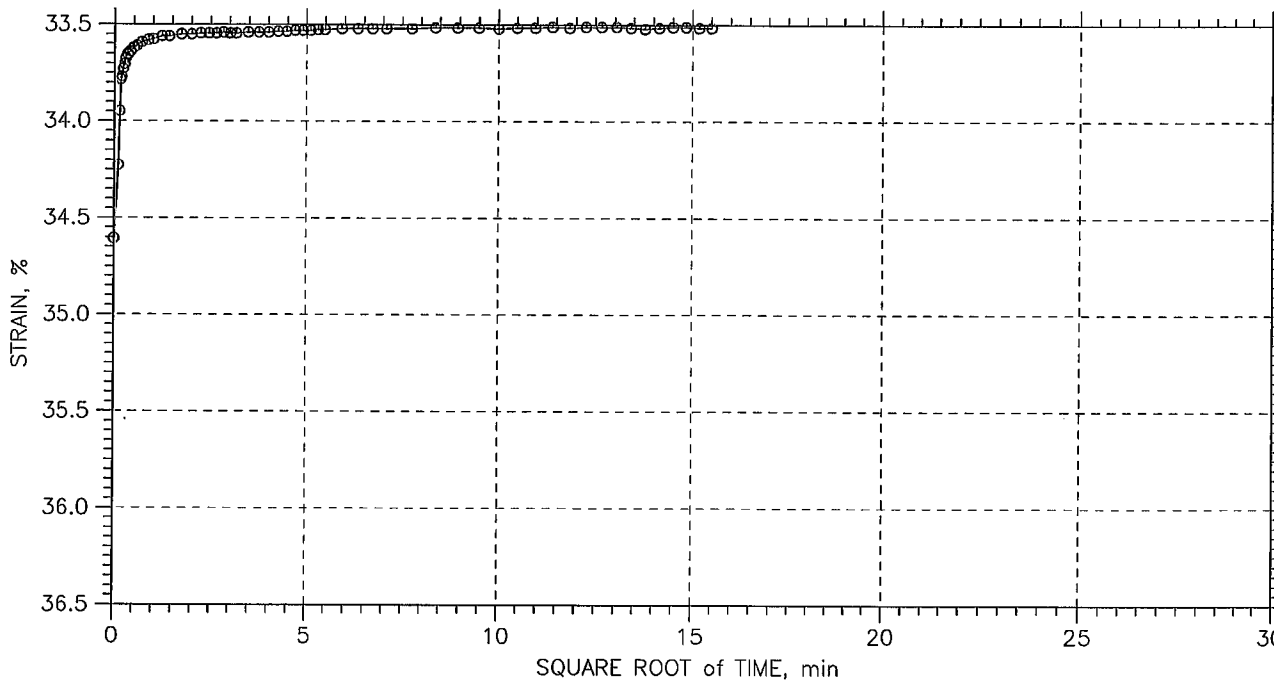
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

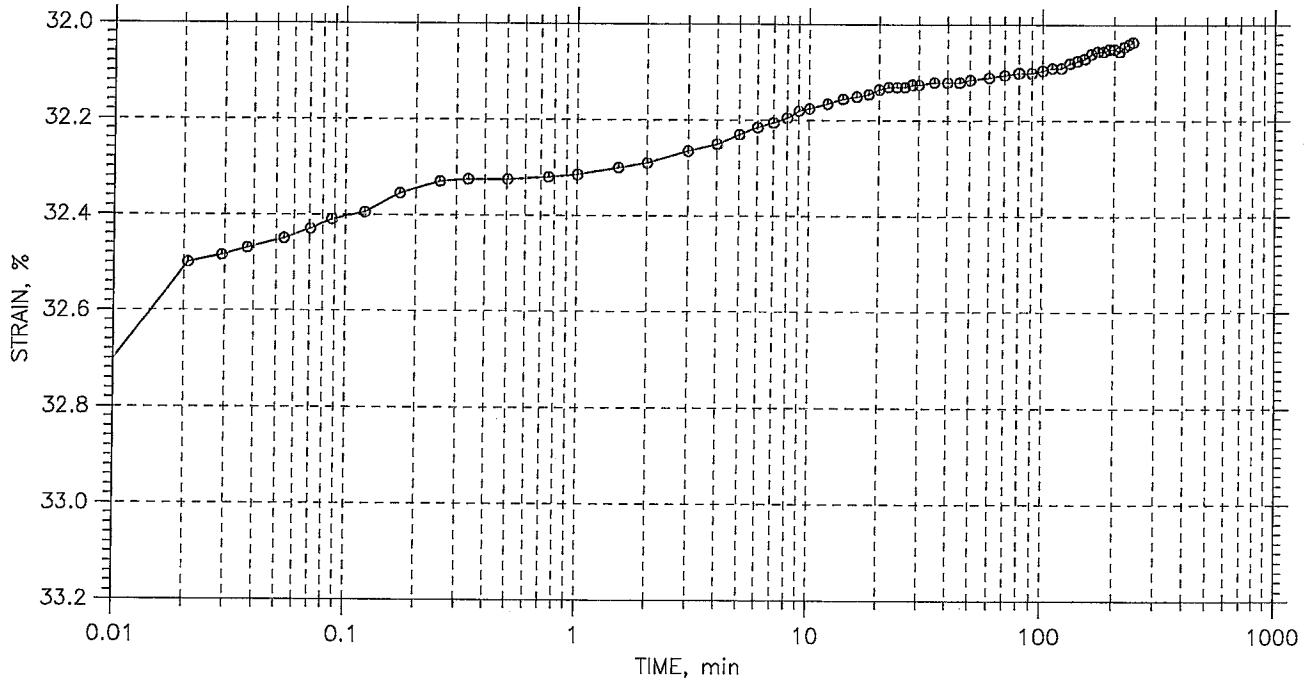
Mon, 09-APR-2007 12:02:24

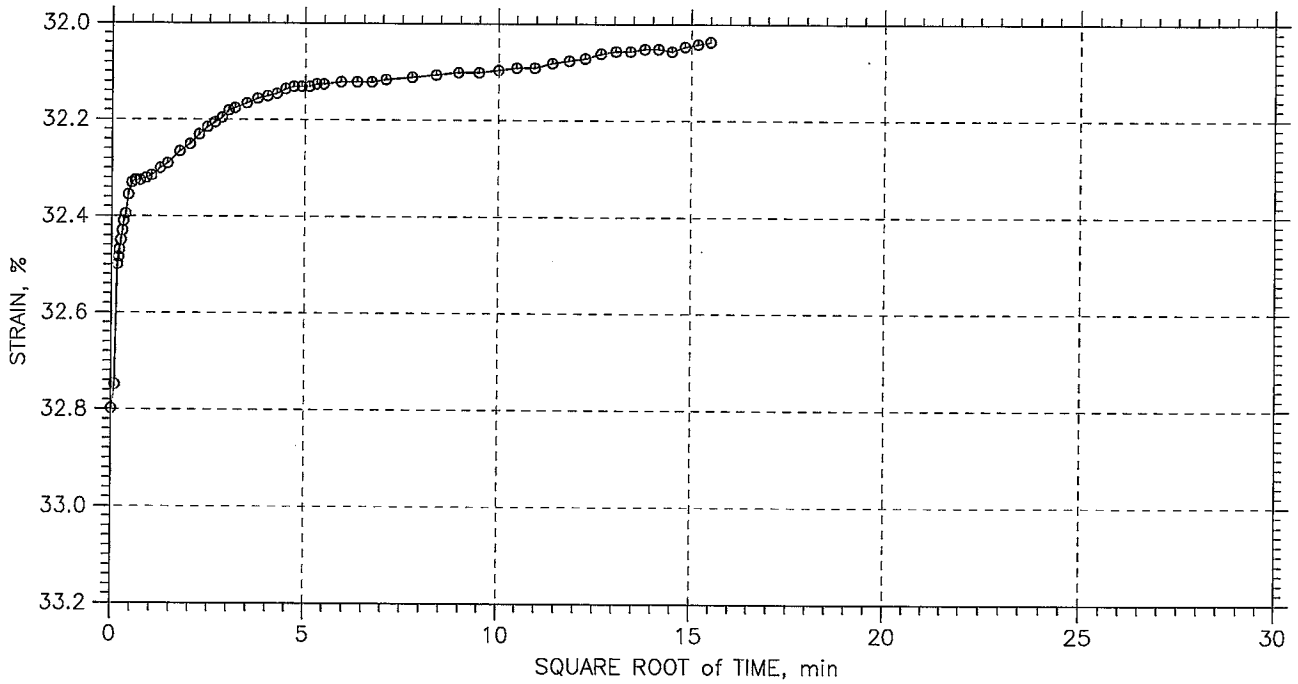
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

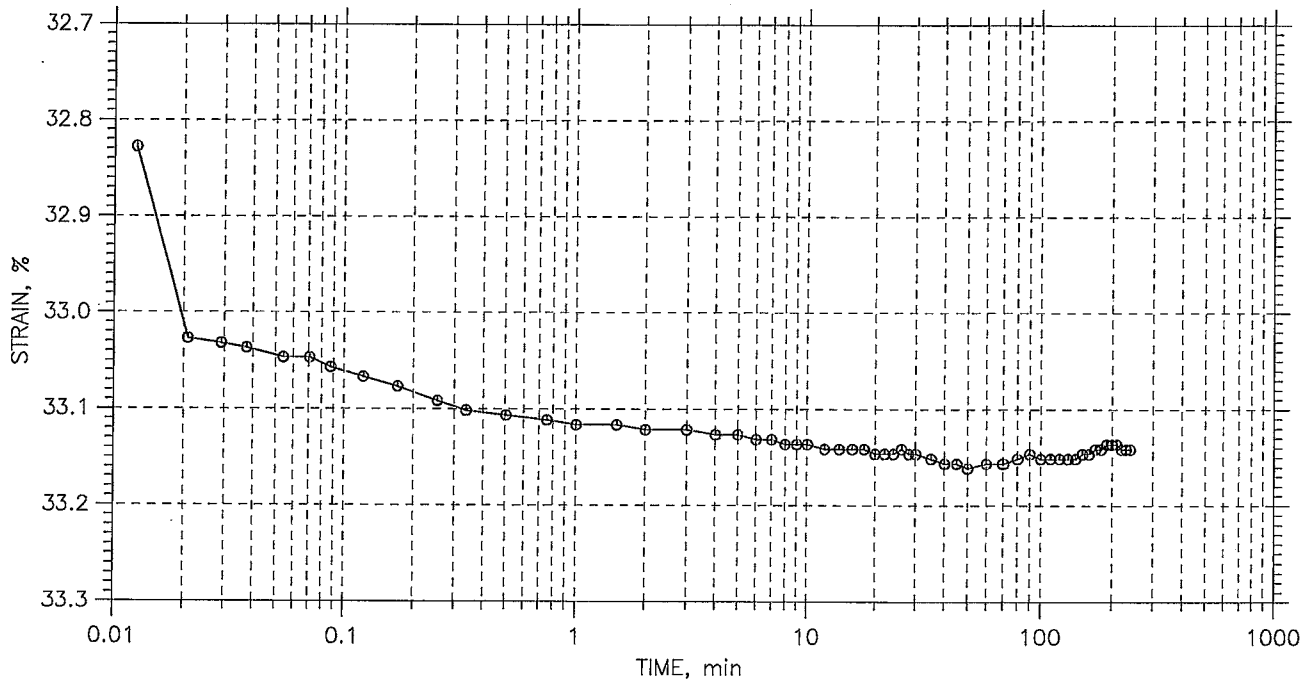
Mon, 09-APR-2007 12:02:27

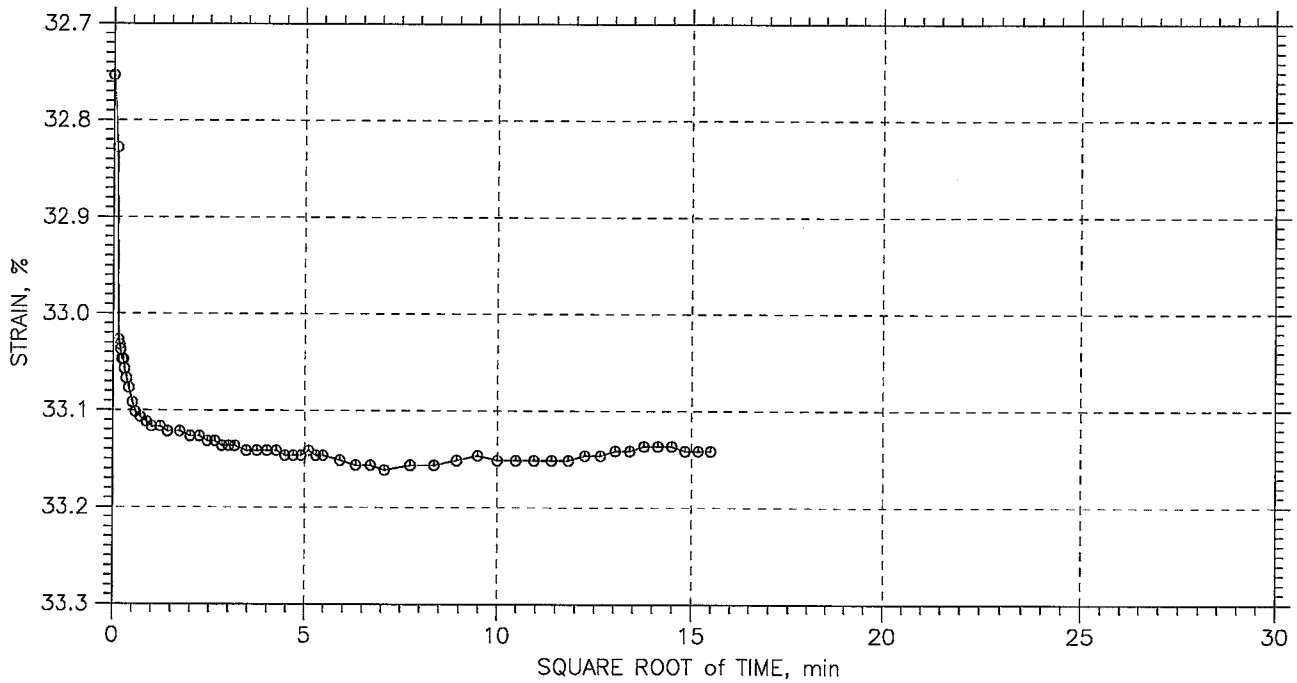
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

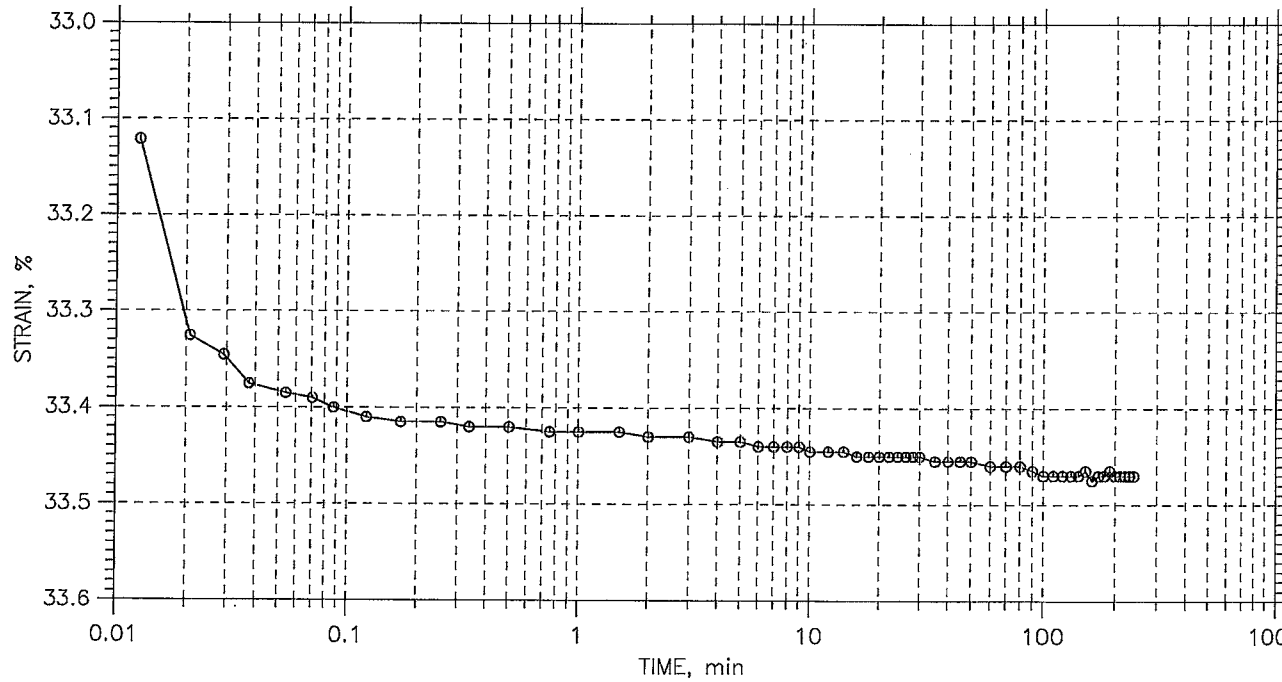
Mon, 09-APR-2007 12:02:30

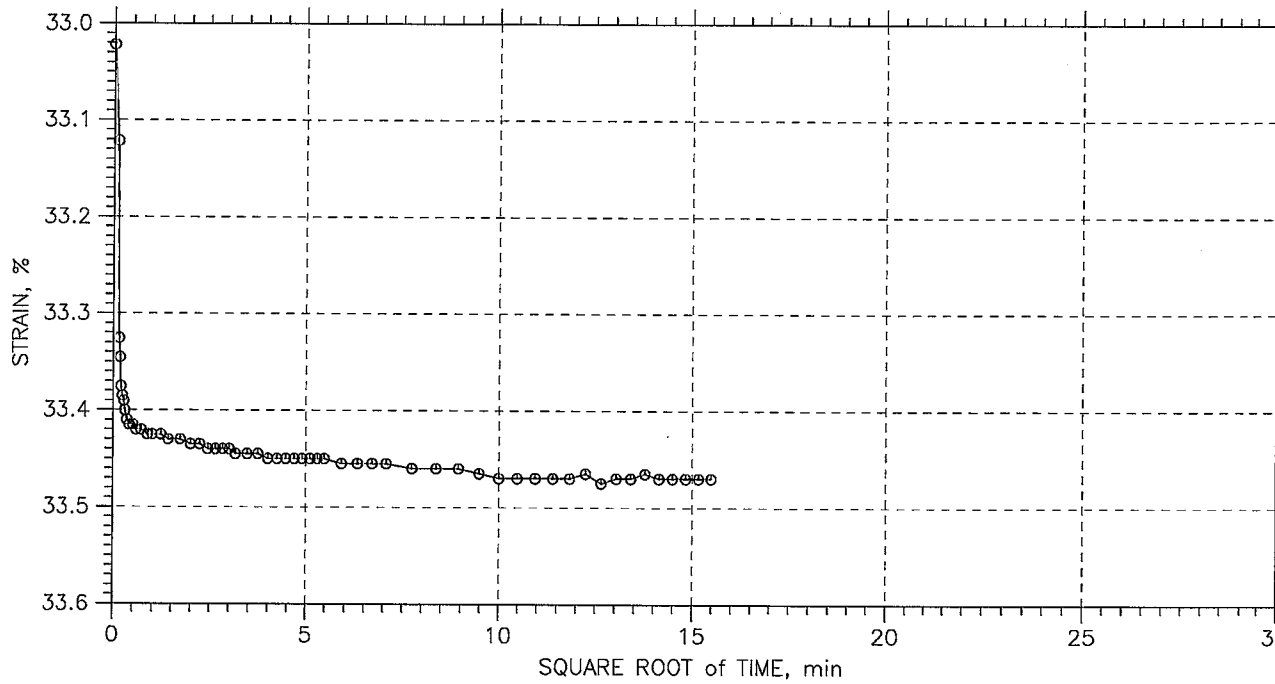
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

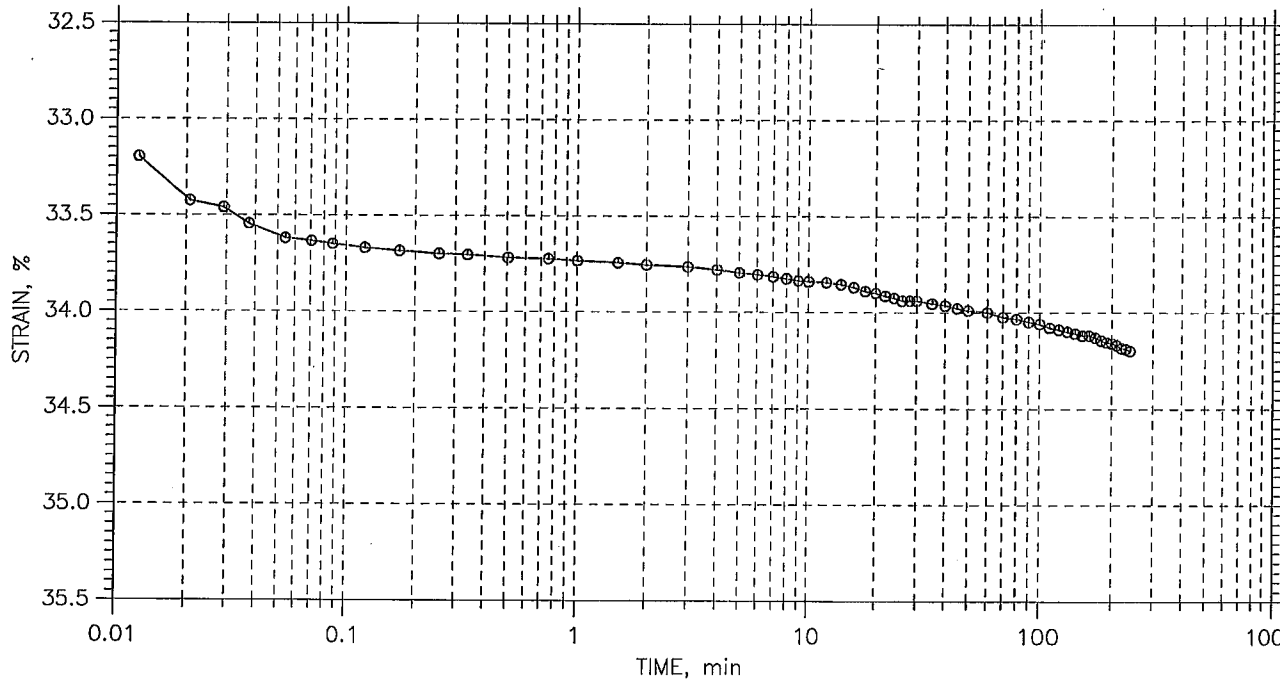
Mon, 09-APR-2007 12:02:32

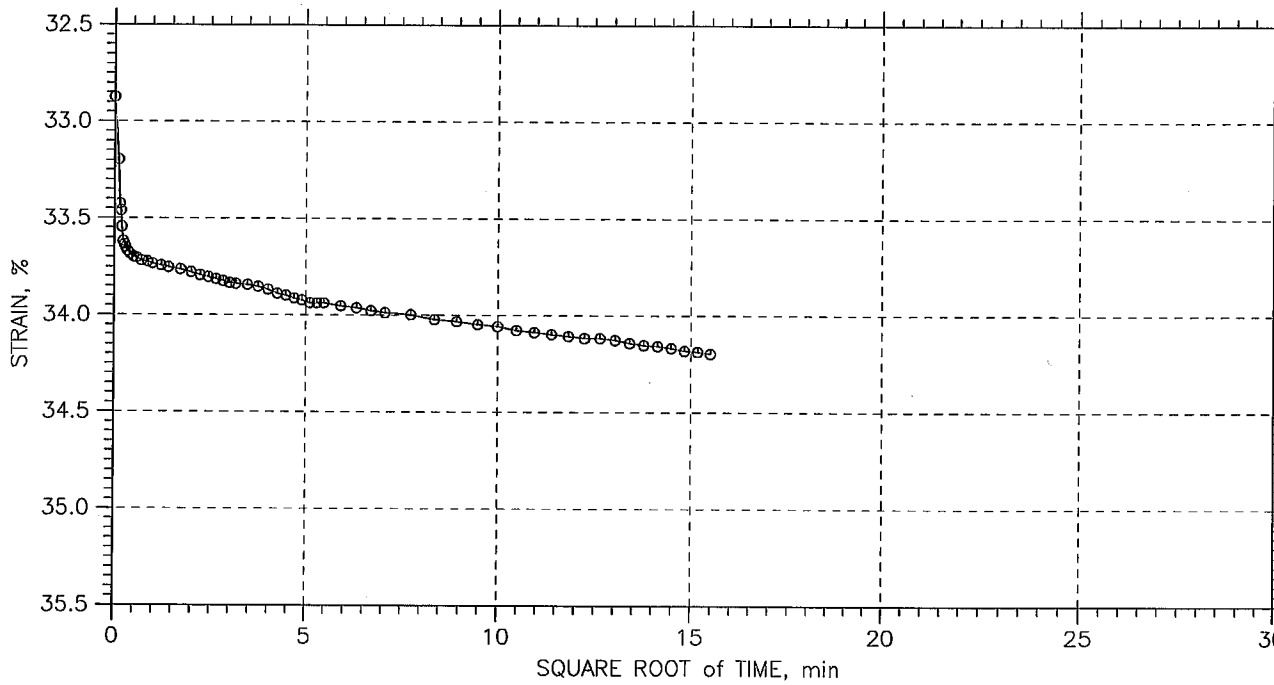
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



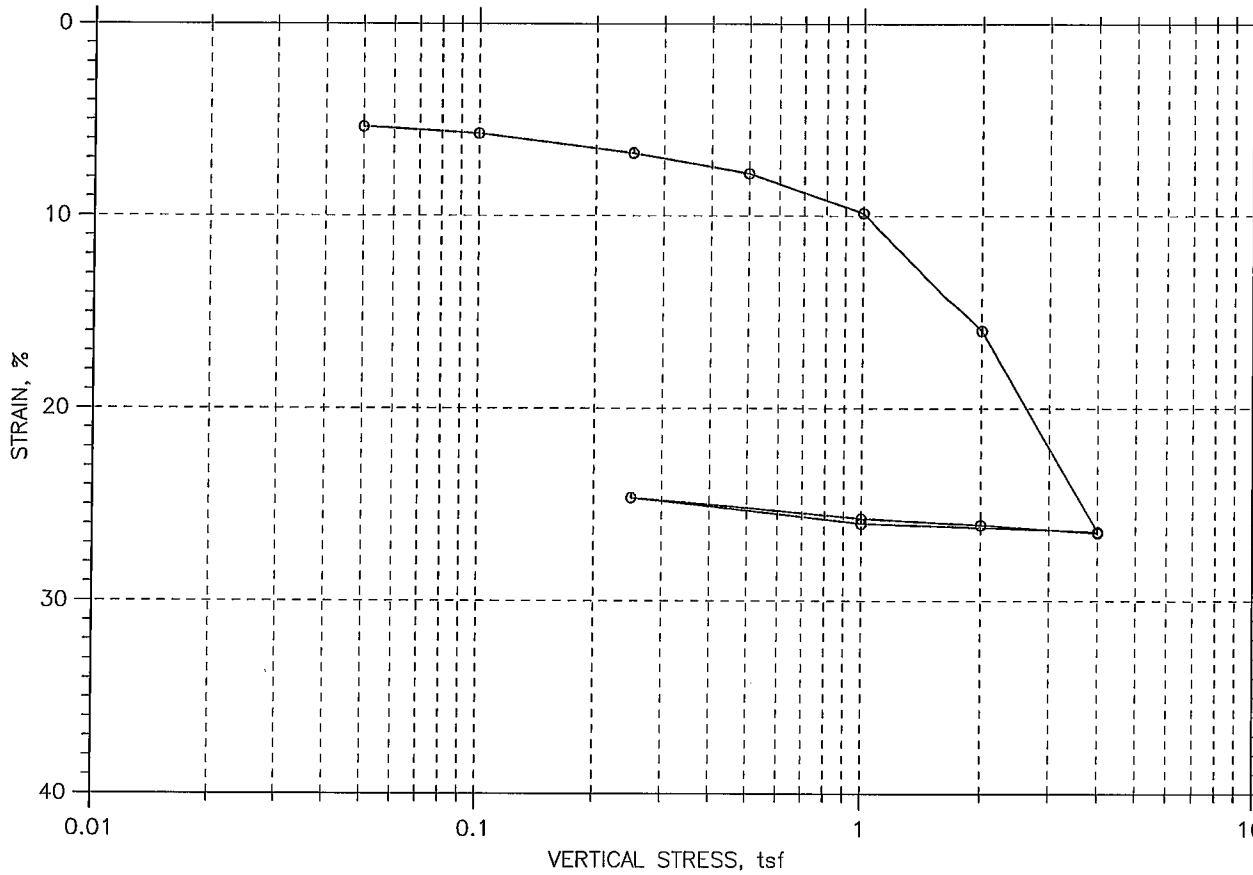


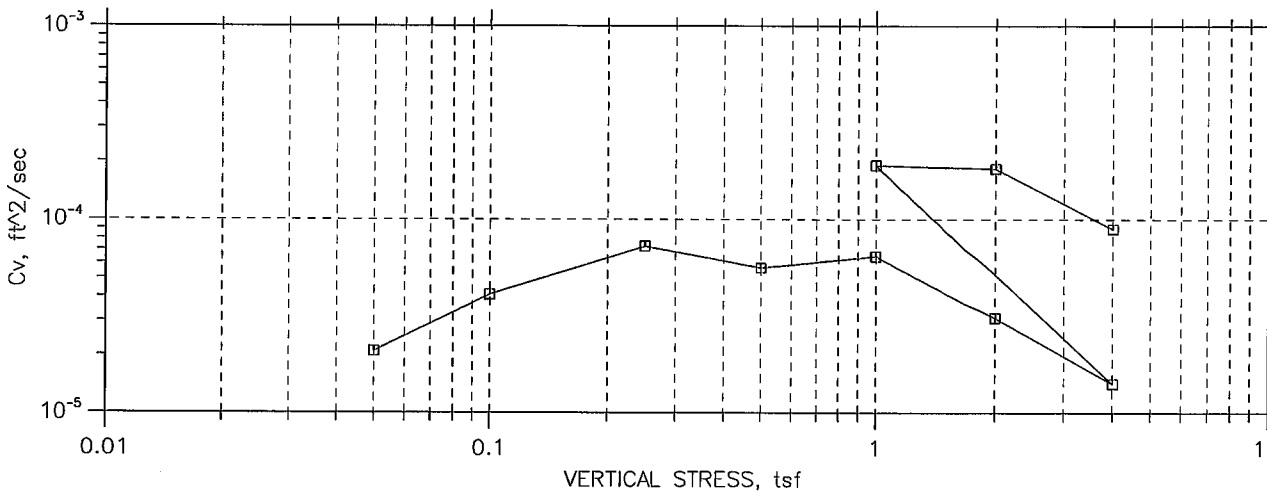
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-04	Test Date: 02/13/07	Depth: 14-16 ft
	Test No.: C-3	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and gray silt		
	Remarks: System R		

Mon, 09-APR-2007 12:02:35

CONSOLIDATION TEST DATA

SUMMARY REPORT



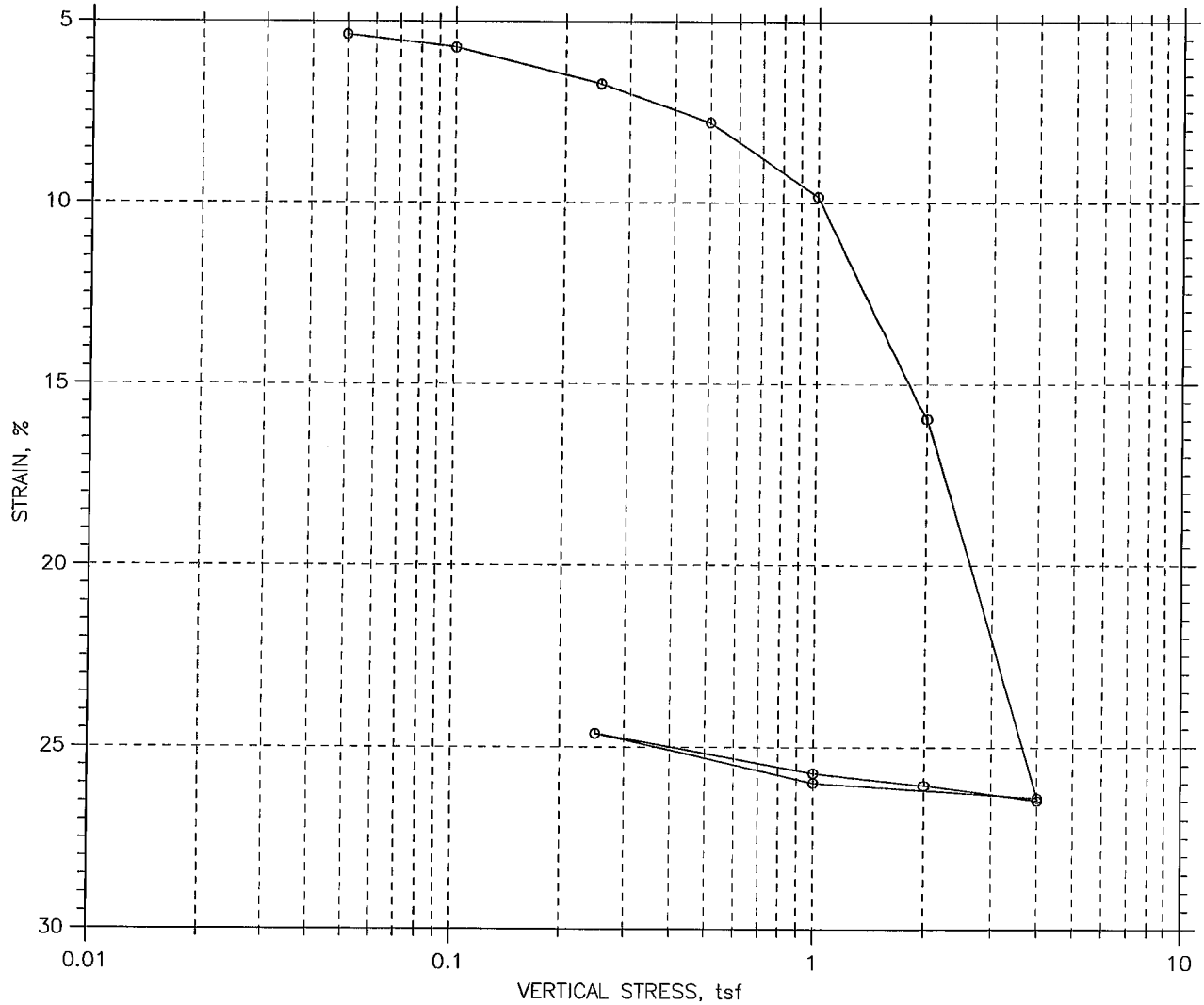


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

Wed, 04-APR-2007 09:03:09

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	187.83	136.71
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	26.02	35.39
Compression Index: ---				Saturation, %	93.81	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	5.05	3.45
LL: 163	PL: 109	PI: 54	GS: 2.52			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

Wed, 04-APR-2007 09:03:11

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-05
Sample No.: 0298-07
Test No.: C-1A

Location: Syracuse, NY
Tested By: md
Test Date: 02/11/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, dark gray silt
Remarks: System Q

Measured Specific Gravity: 2.52
Initial Void Ratio: 5.05
Final Void Ratio: 3.45

Liquid Limit: 163
Plastic Limit: 109
Plasticity Index: 54

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	1	RING		2046
Wt. Container + Wet Soil, gm	149.71	313.34	296.2	80.32
Wt. Container + Dry Soil, gm	100.69	250.36	250.36	38.61
Wt. Container, gm	67.96	216.83	216.83	8.1
Wt. Dry Soil, gm	32.73	33.531	33.531	30.51
Water Content, %	149.77	187.83	136.71	136.71
Void Ratio	---	5.05	3.45	---
Degree of Saturation, %	---	93.81	99.99	---
Dry Unit Weight, pcf	---	26.023	35.389	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-05
Sample No.: 0298-07
Test No.: C-1A

Location: Syracuse, NY
Tested By: md
Test Date: 02/11/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, dark gray silt
Remarks: System Q

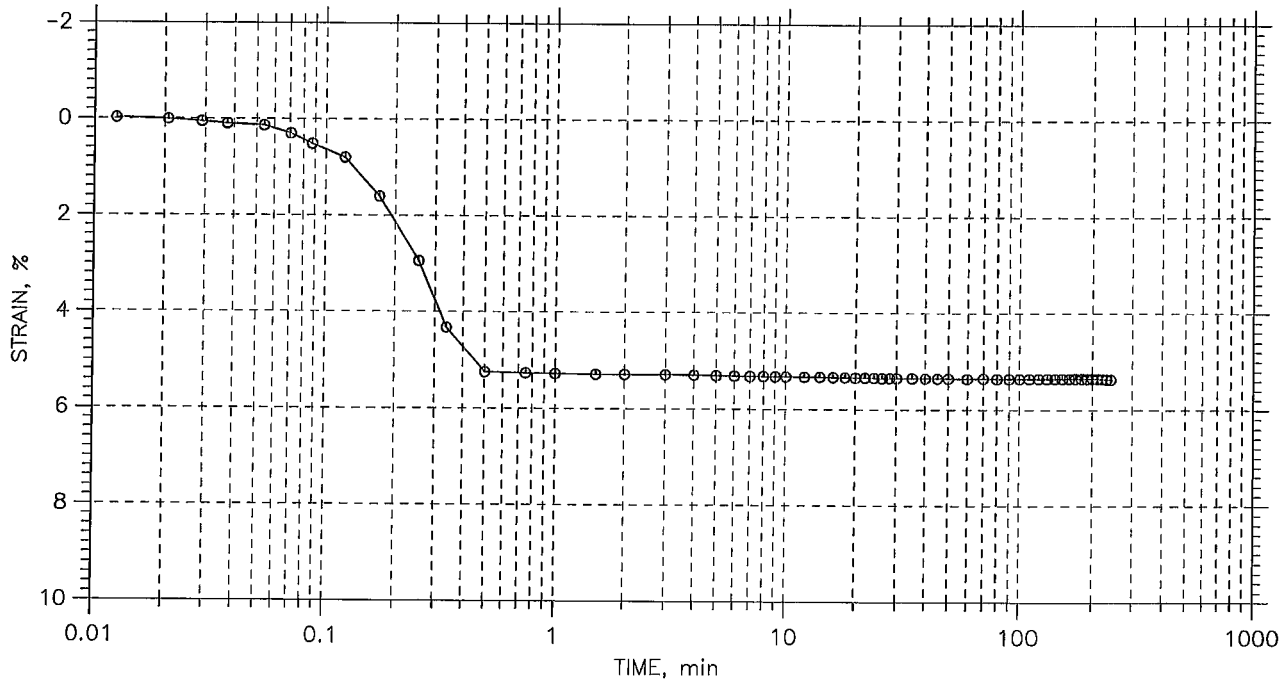
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.05364	4.721	5.36	0.3	0.0	2.09e-005	0.00e+000	2.09e-005
2	0.1	0.05716	4.700	5.72	0.2	0.1	3.15e-005	5.78e-005	4.08e-005
3	0.25	0.06723	4.639	6.72	0.1	0.1	7.11e-005	7.42e-005	7.26e-005
4	0.5	0.0779	4.575	7.79	0.1	0.1	4.19e-005	8.50e-005	5.61e-005
5	1	0.09834	4.451	9.83	0.1	0.1	5.41e-005	7.95e-005	6.44e-005
6	2	0.1596	4.081	15.96	0.2	0.1	2.55e-005	3.92e-005	3.09e-005
7	4	0.264	3.450	26.40	0.3	0.2	1.24e-005	1.66e-005	1.42e-005
8	1	0.2599	3.475	25.99	0.0	0.0	1.57e-004	0.00e+000	1.57e-004
9	0.25	0.2463	3.556	24.63	0.1	0.0	4.96e-005	1.52e-004	7.48e-005
10	1	0.2572	3.491	25.72	0.0	0.0	1.90e-004	0.00e+000	1.90e-004
11	2	0.2605	3.470	26.05	0.0	0.0	1.83e-004	0.00e+000	1.83e-004
12	4	0.2647	3.445	26.47	0.0	0.0	6.30e-005	1.53e-004	8.93e-005

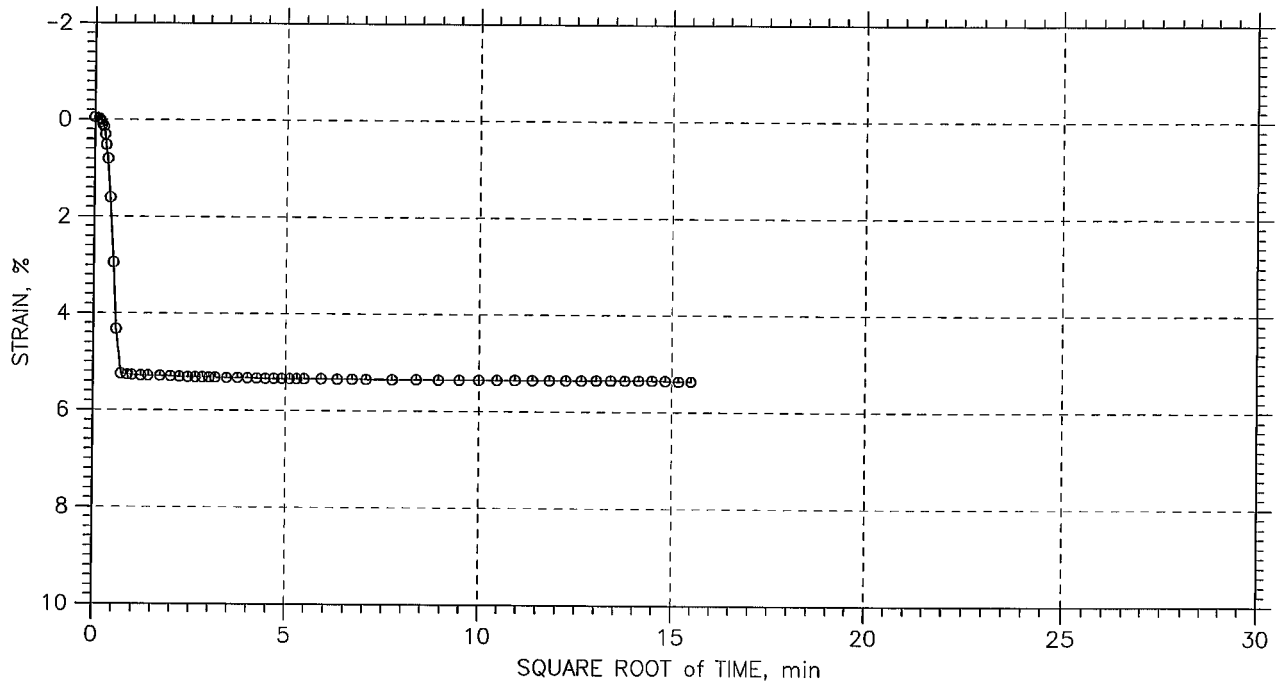
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

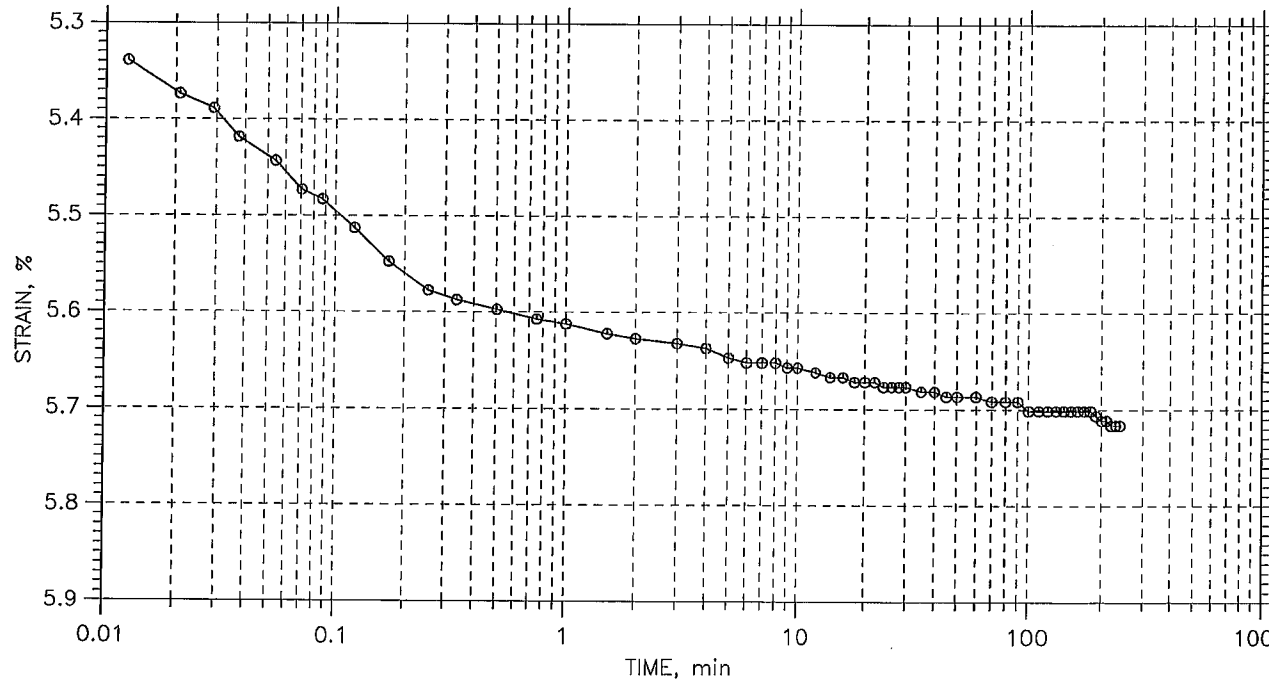
Wed, 04-APR-2007 09:03:14

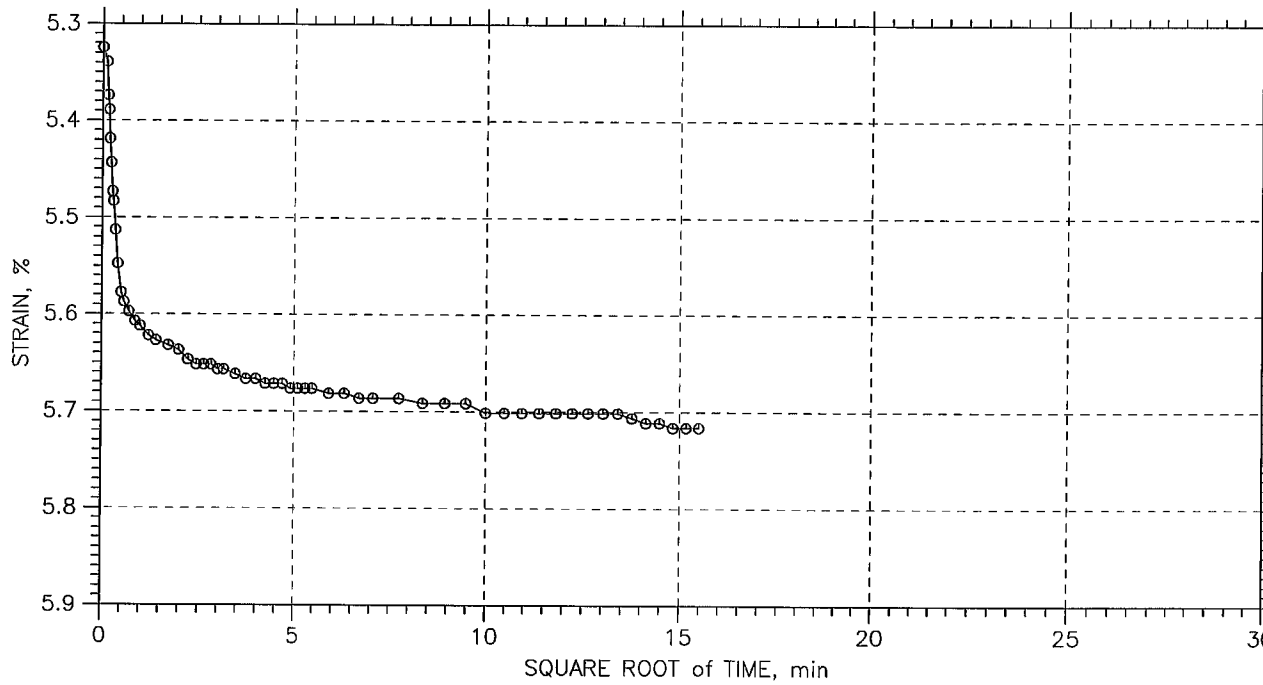
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

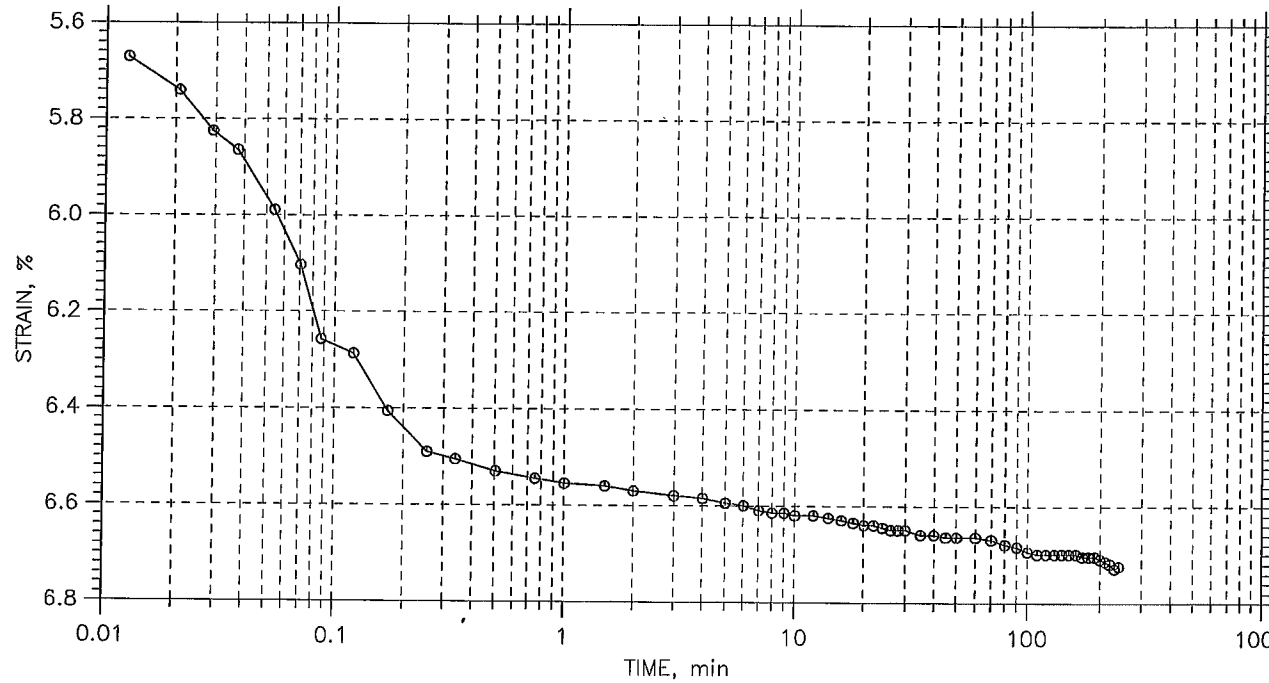
Wed, 04-APR-2007 09:03:16

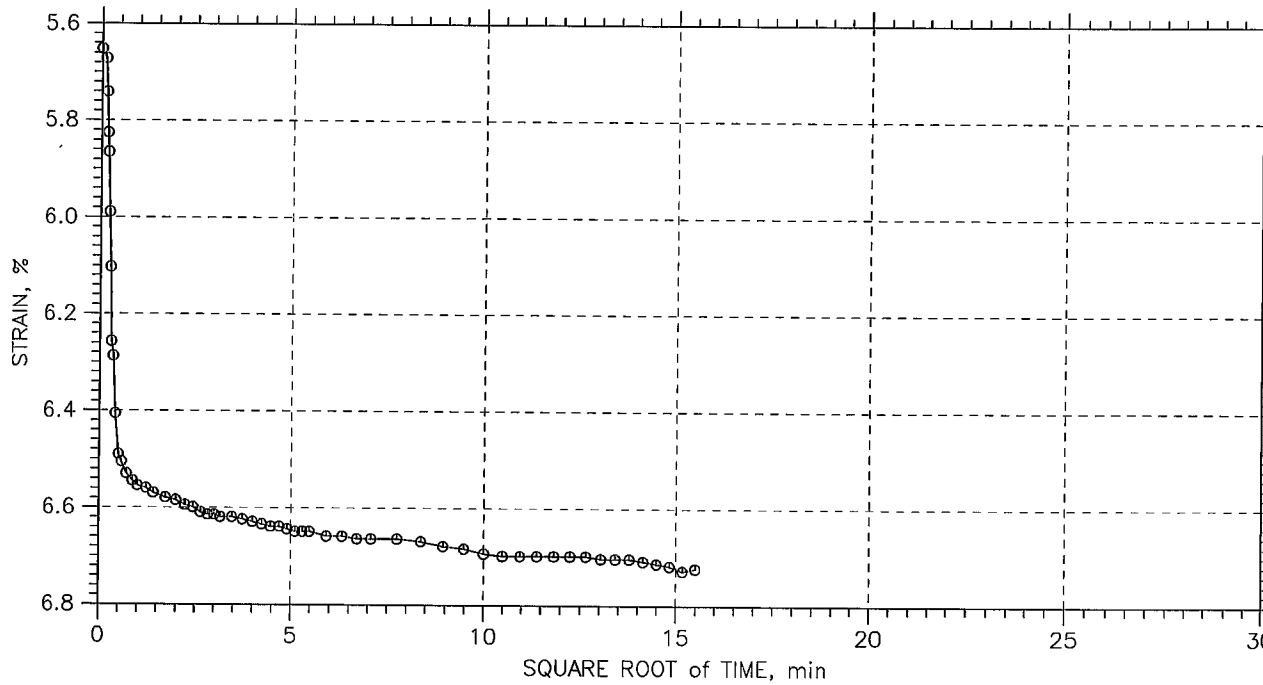
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

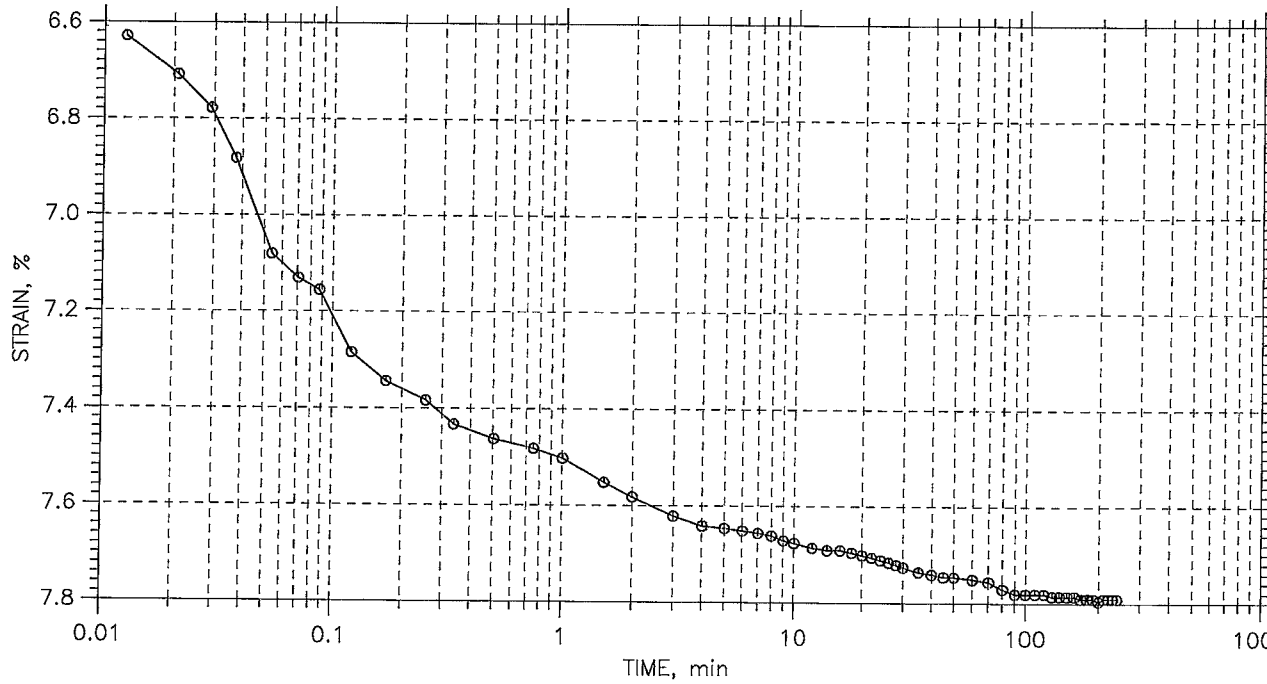
Wed, 04-APR-2007 09:03:19

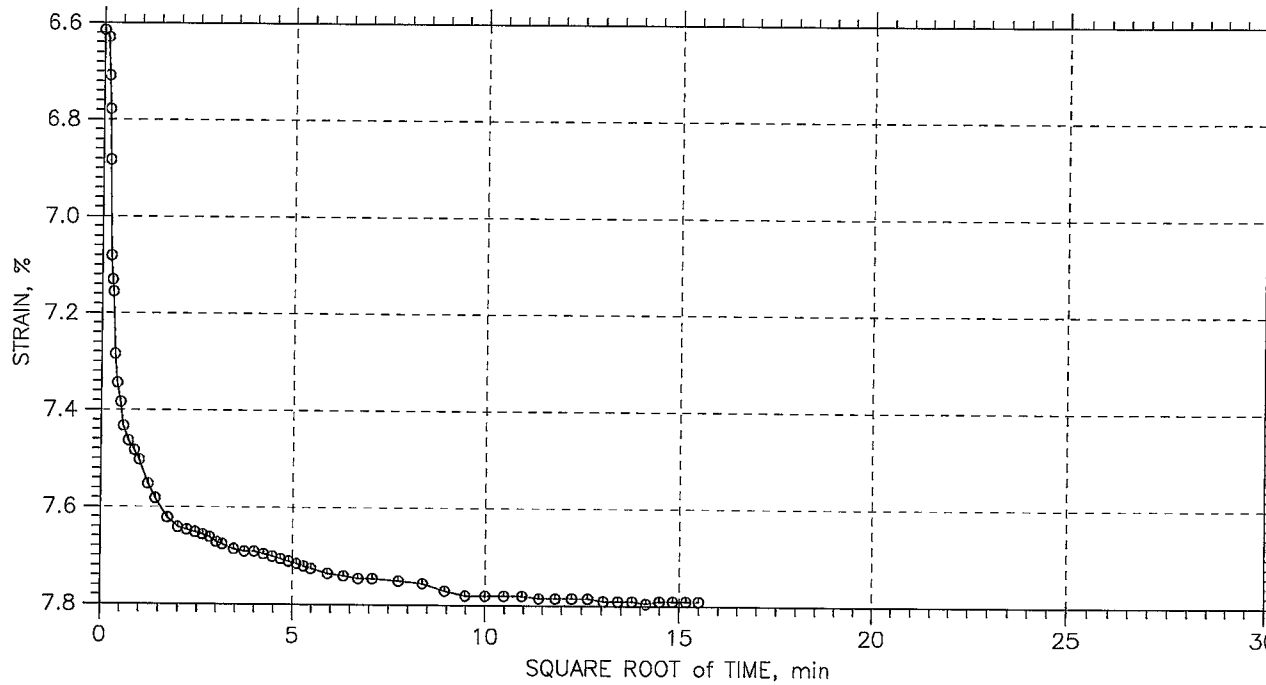
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

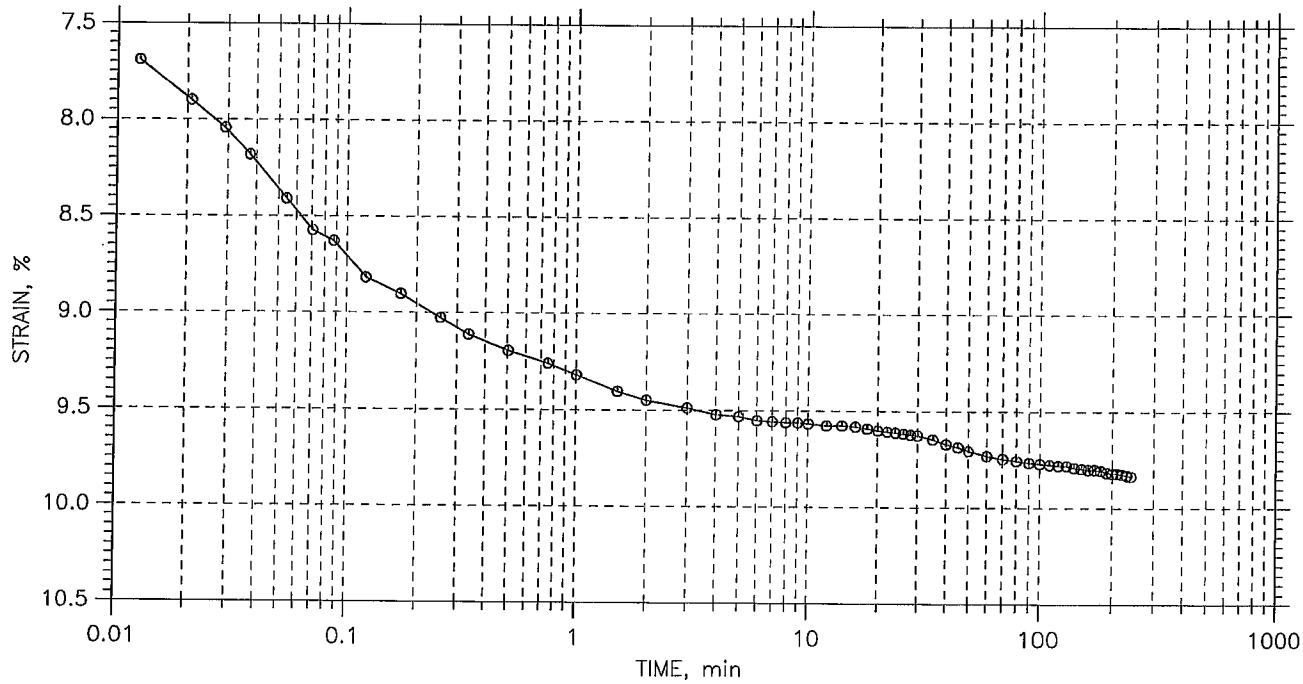
Wed, 04-APR-2007 09:03:22

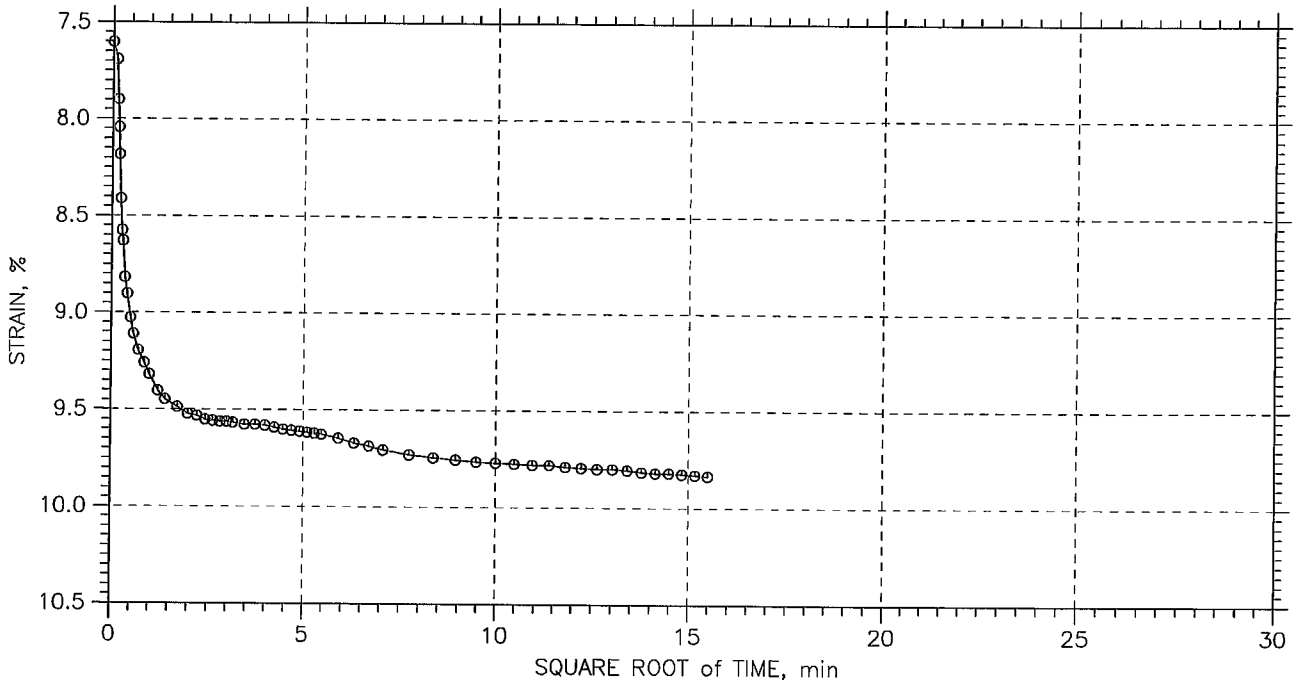
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

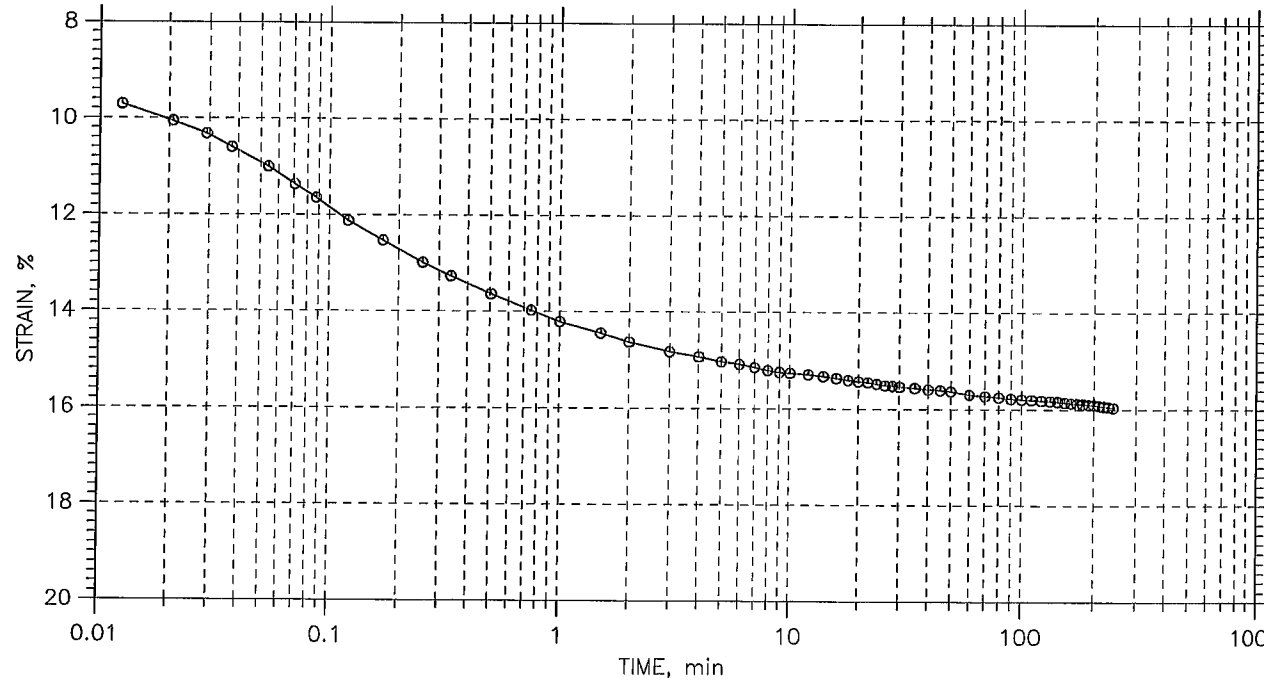
Wed, 04-APR-2007 09:03:28

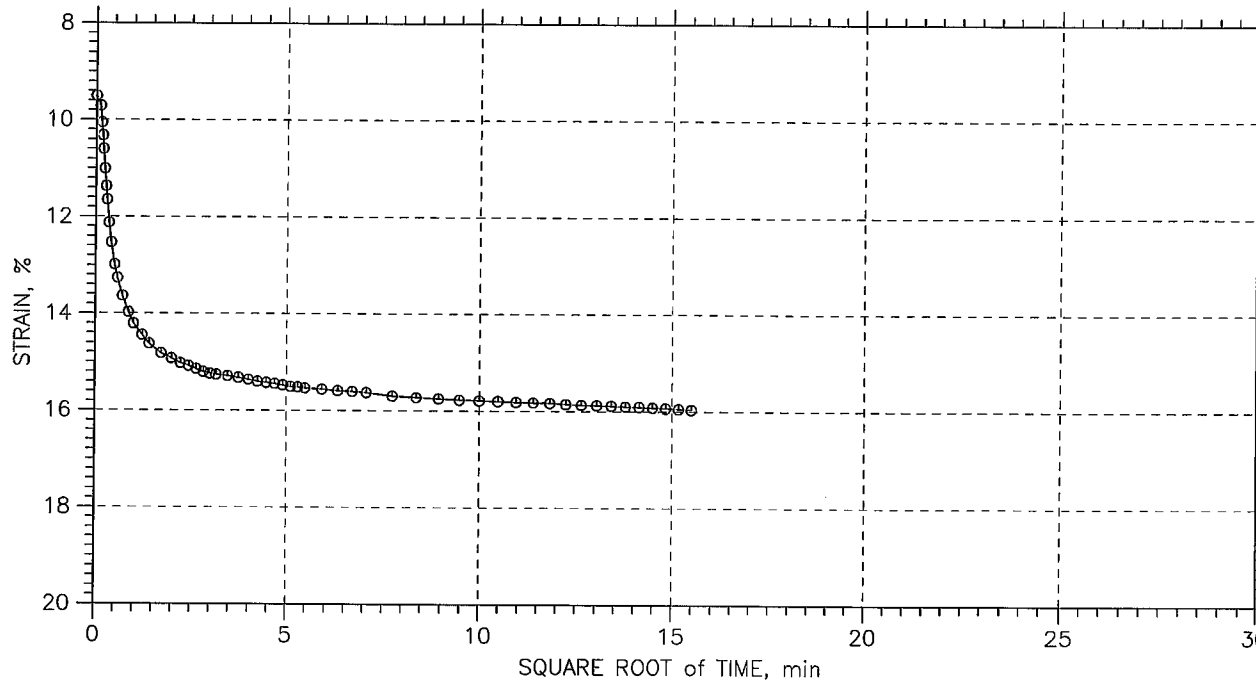
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

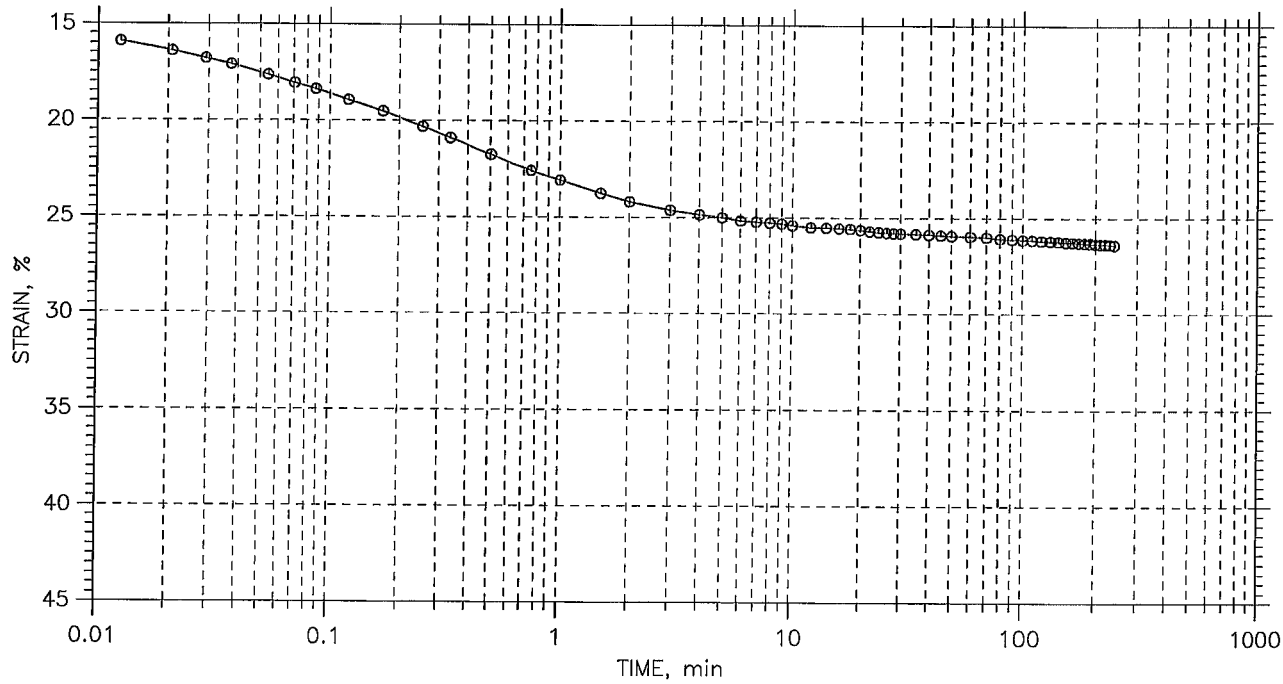
Wed, 04-APR-2007 09:03:32

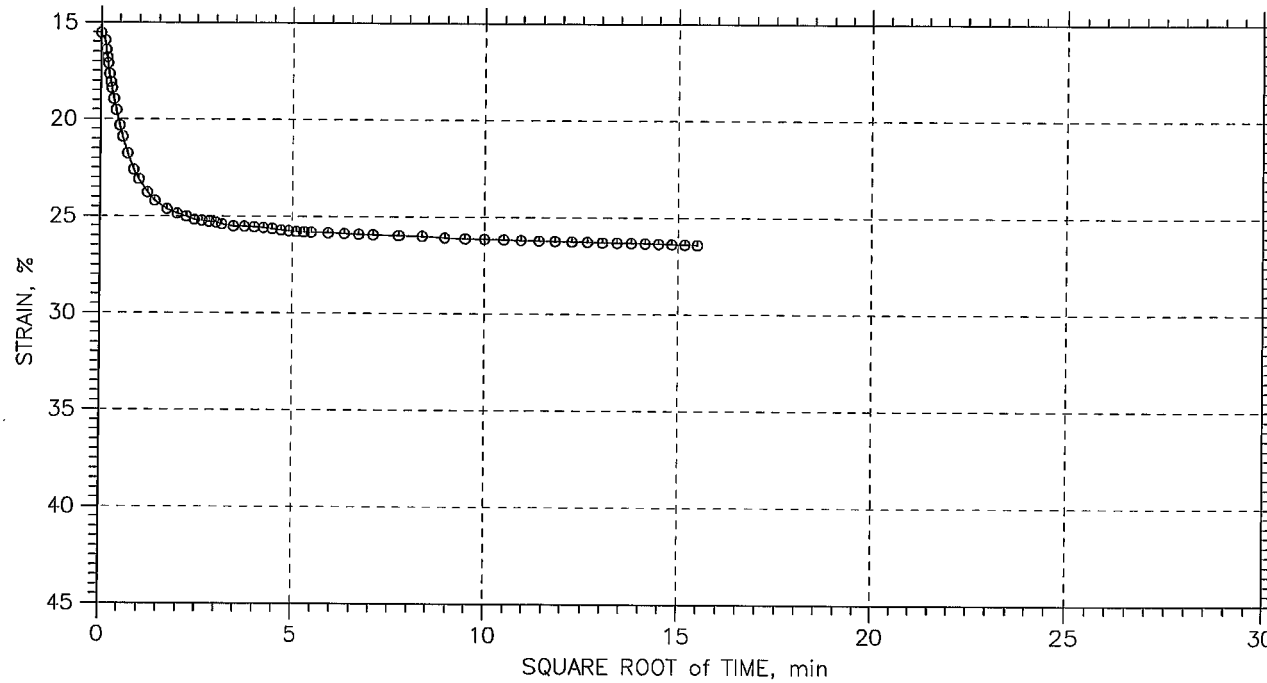
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

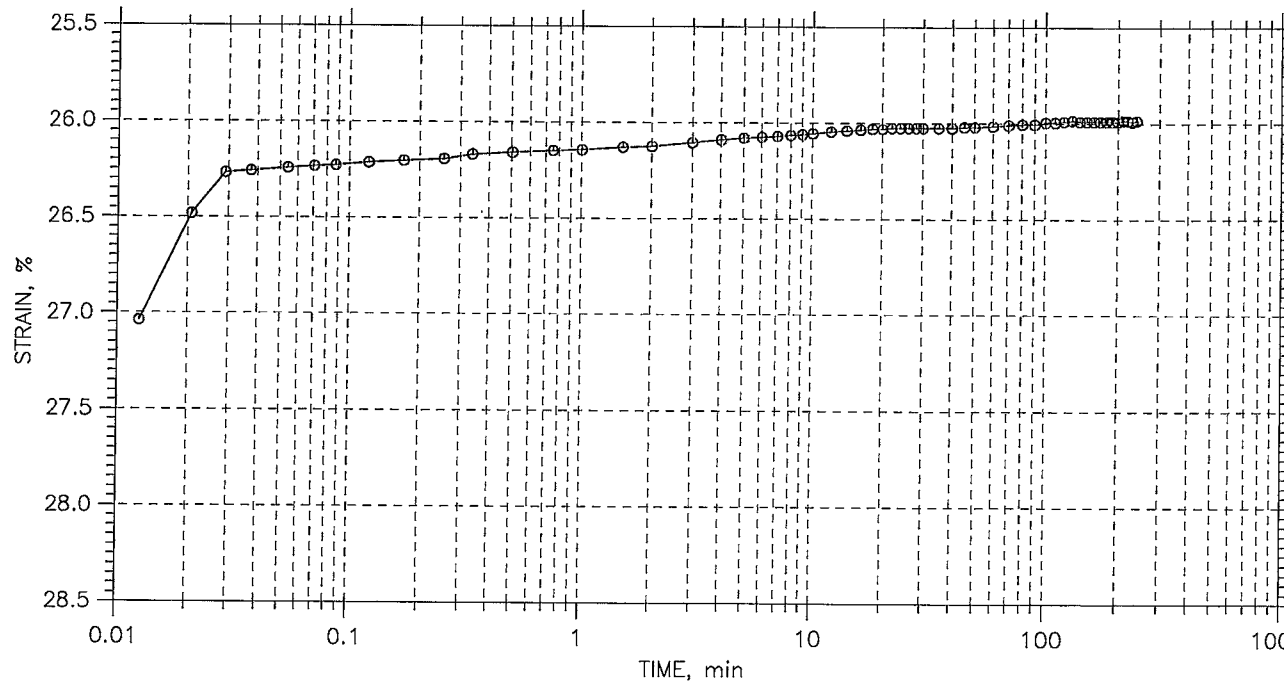
Wed, 04-APR-2007 09:03:34

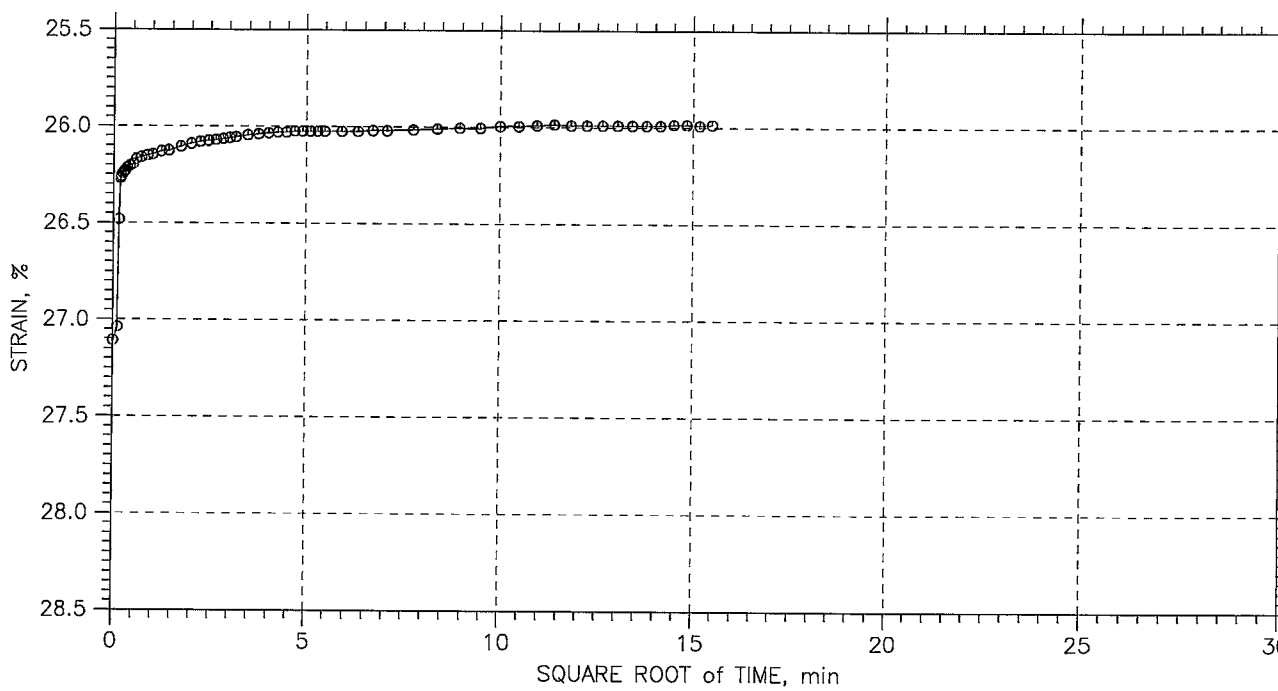
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

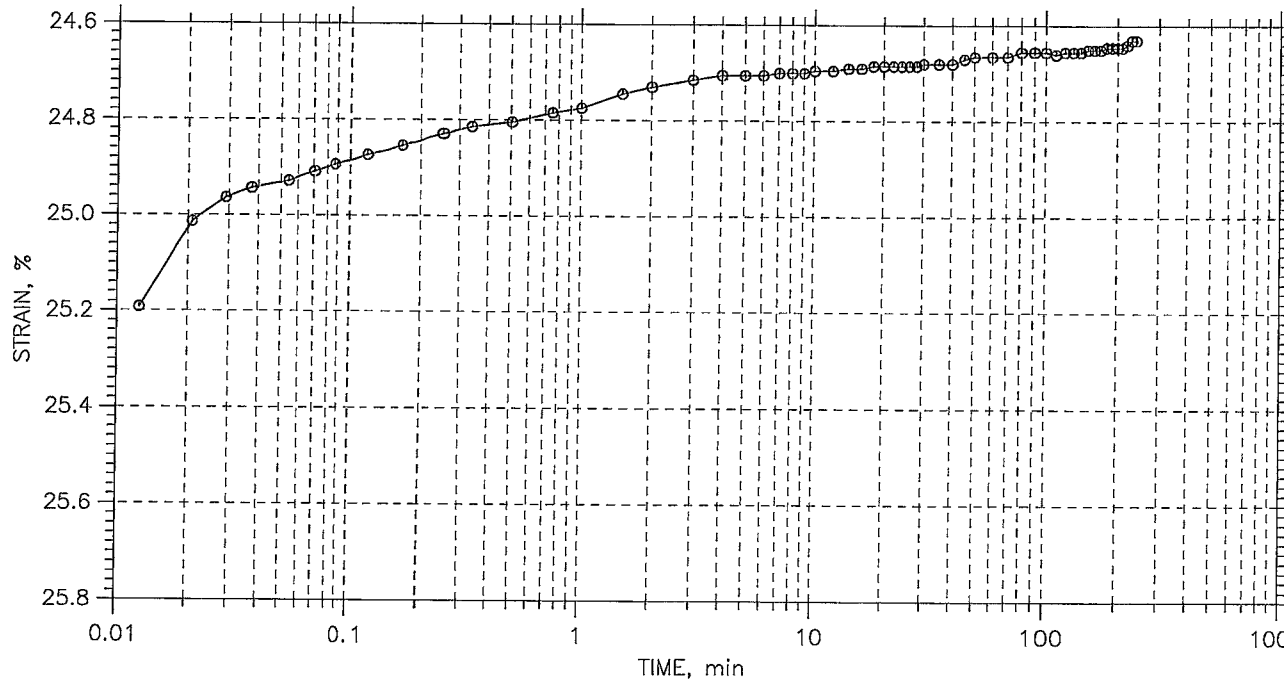
Wed, 04-APR-2007 09:03:37

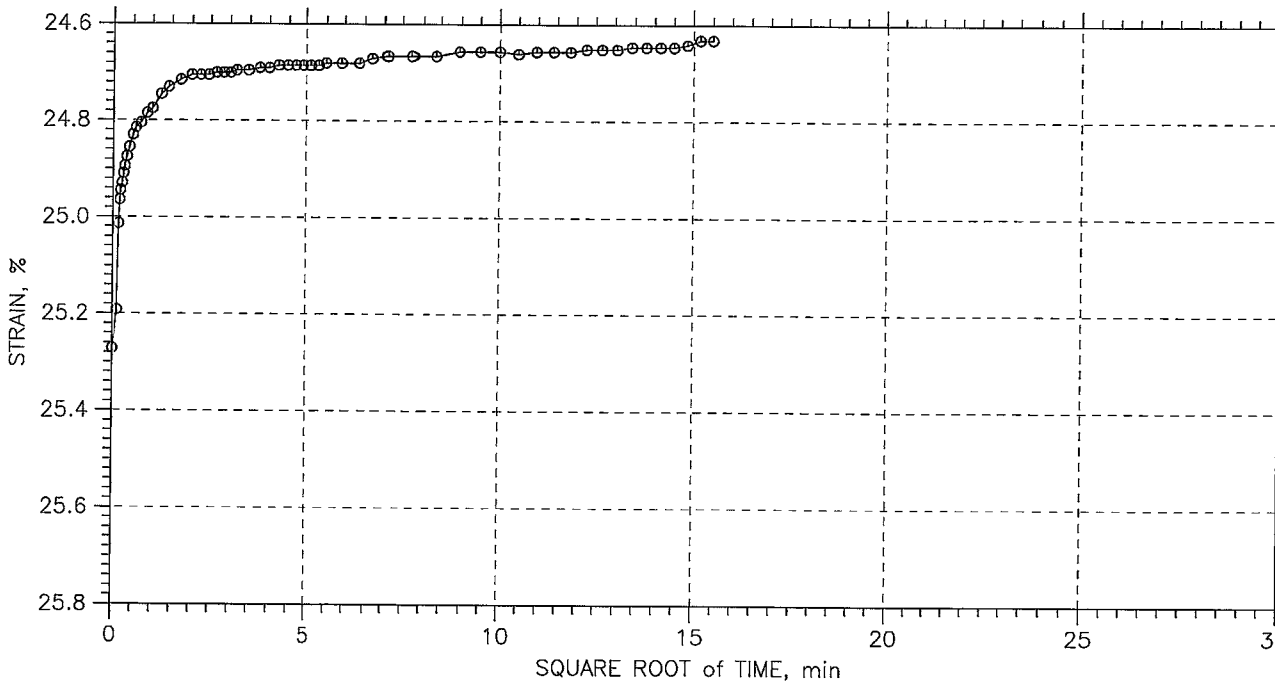
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

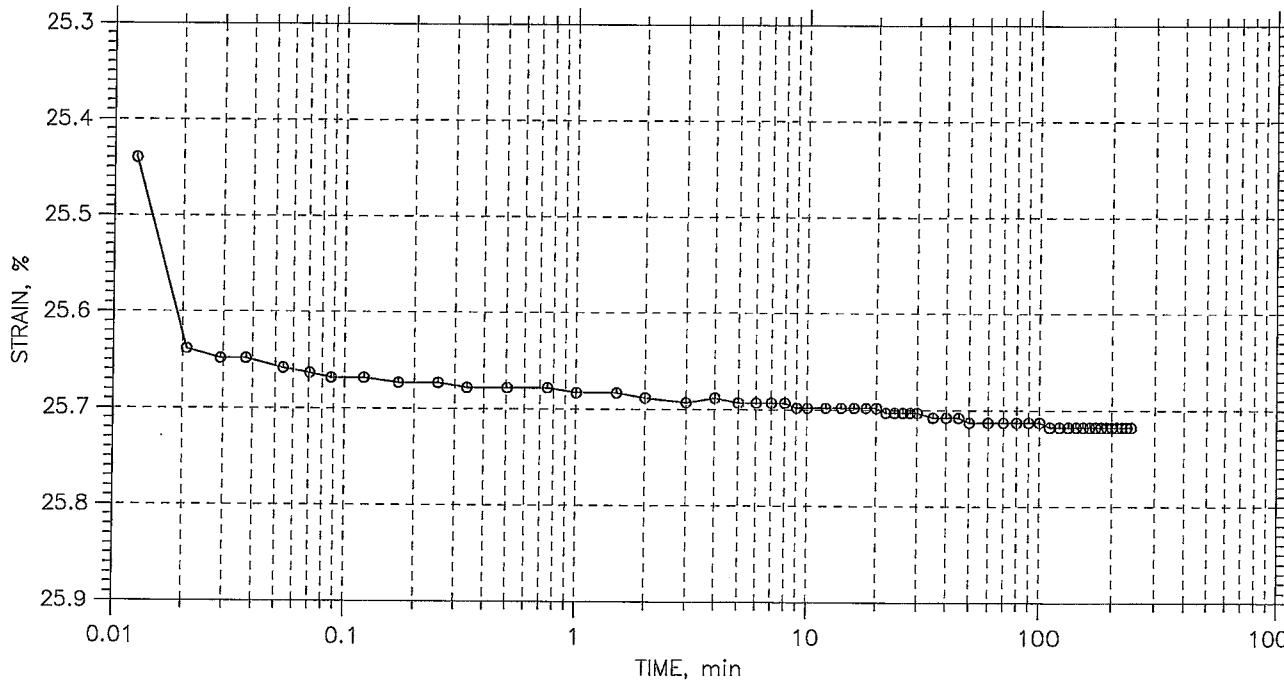
Wed, 04-APR-2007 09:03:40

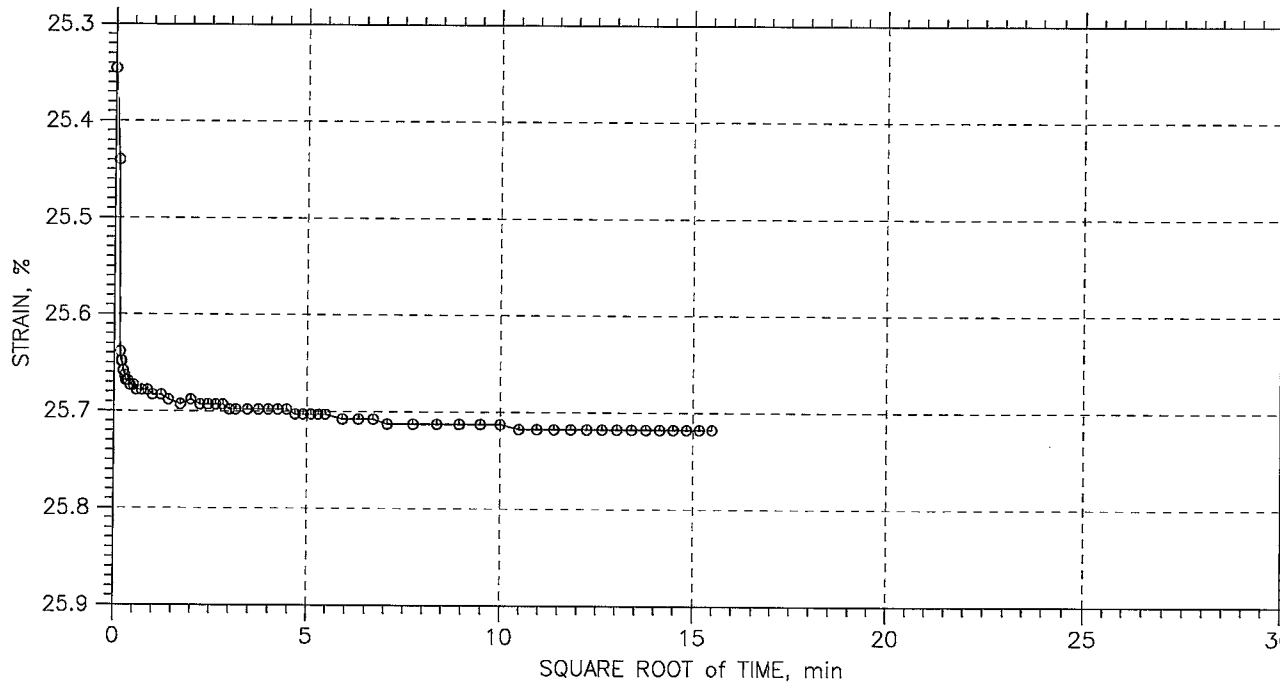
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

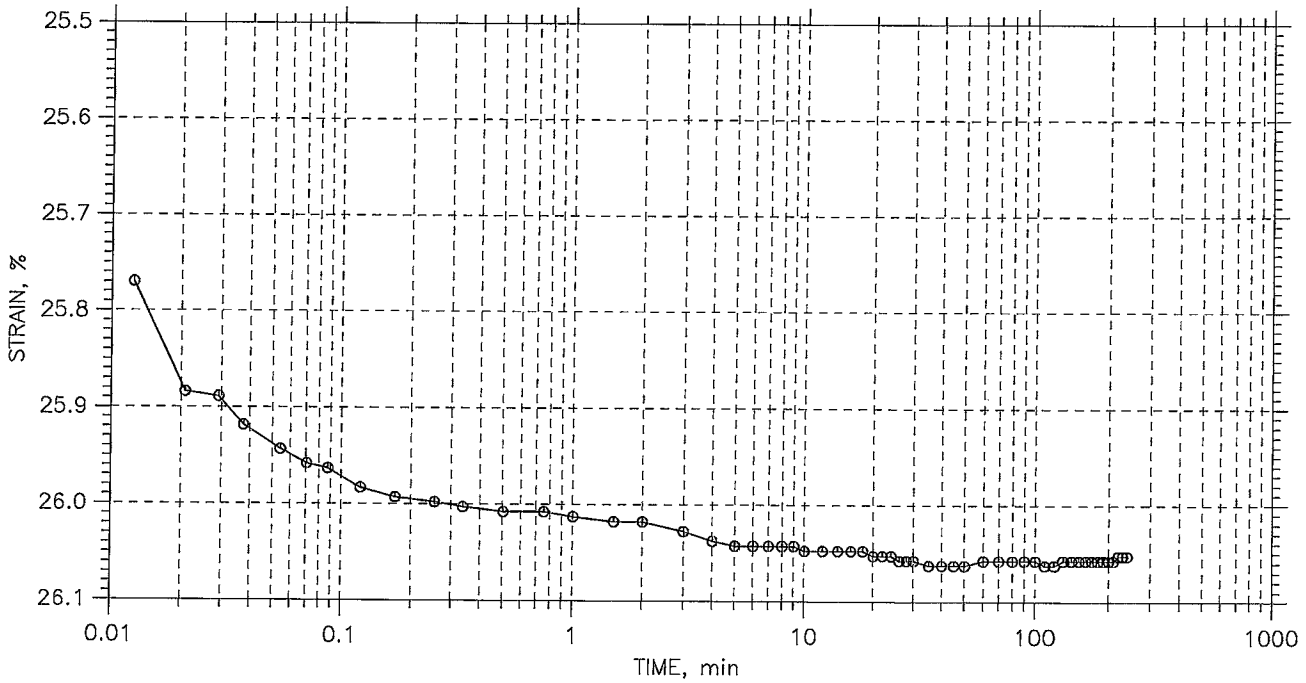
Wed, 04-APR-2007 09:03:42

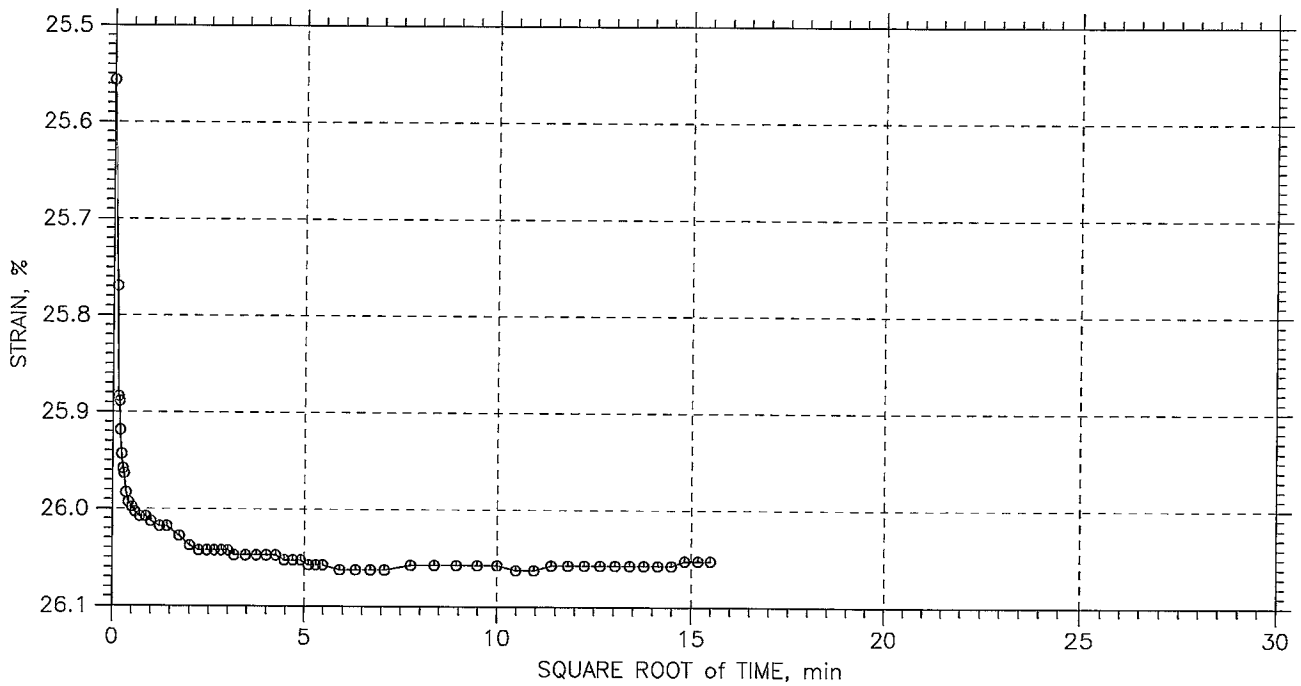
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

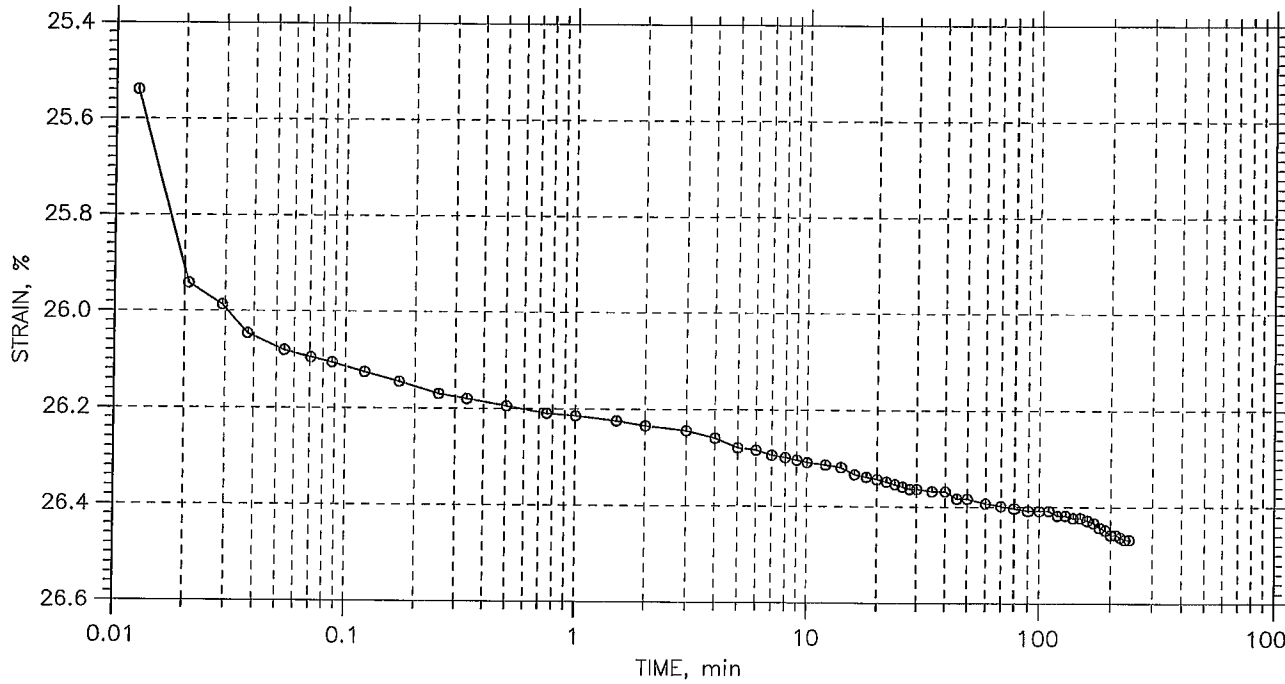
Wed, 04-APR-2007 09:03:44

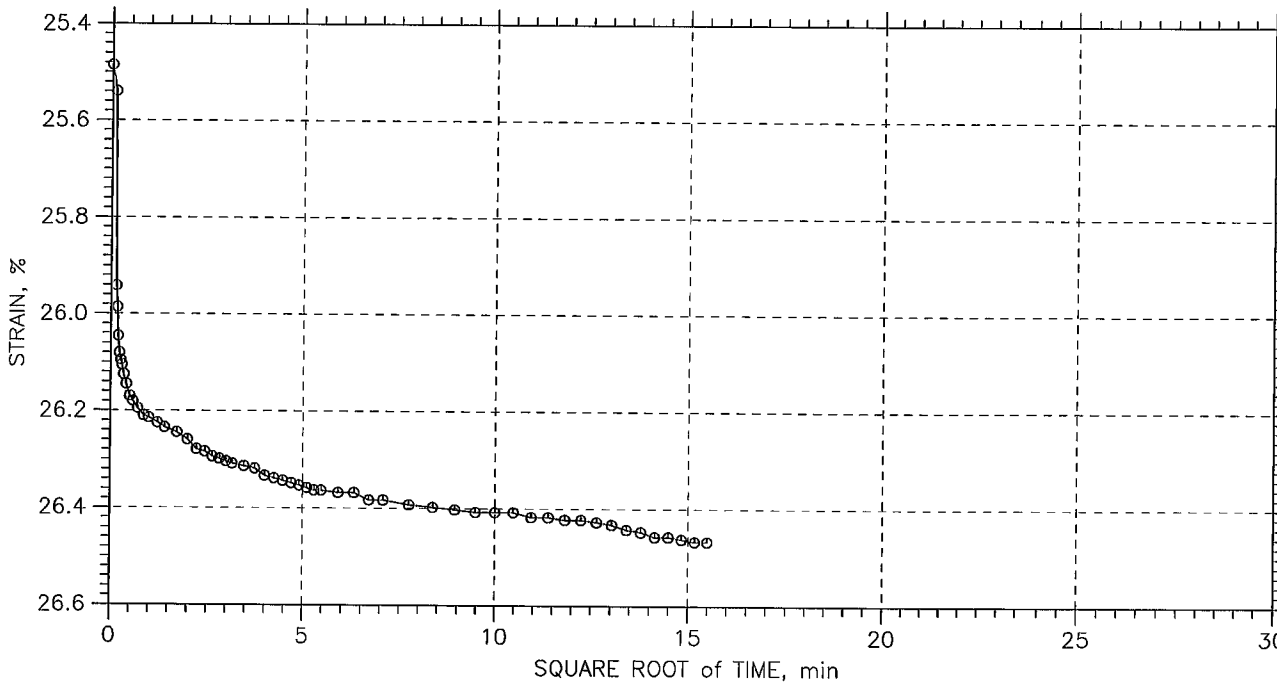
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



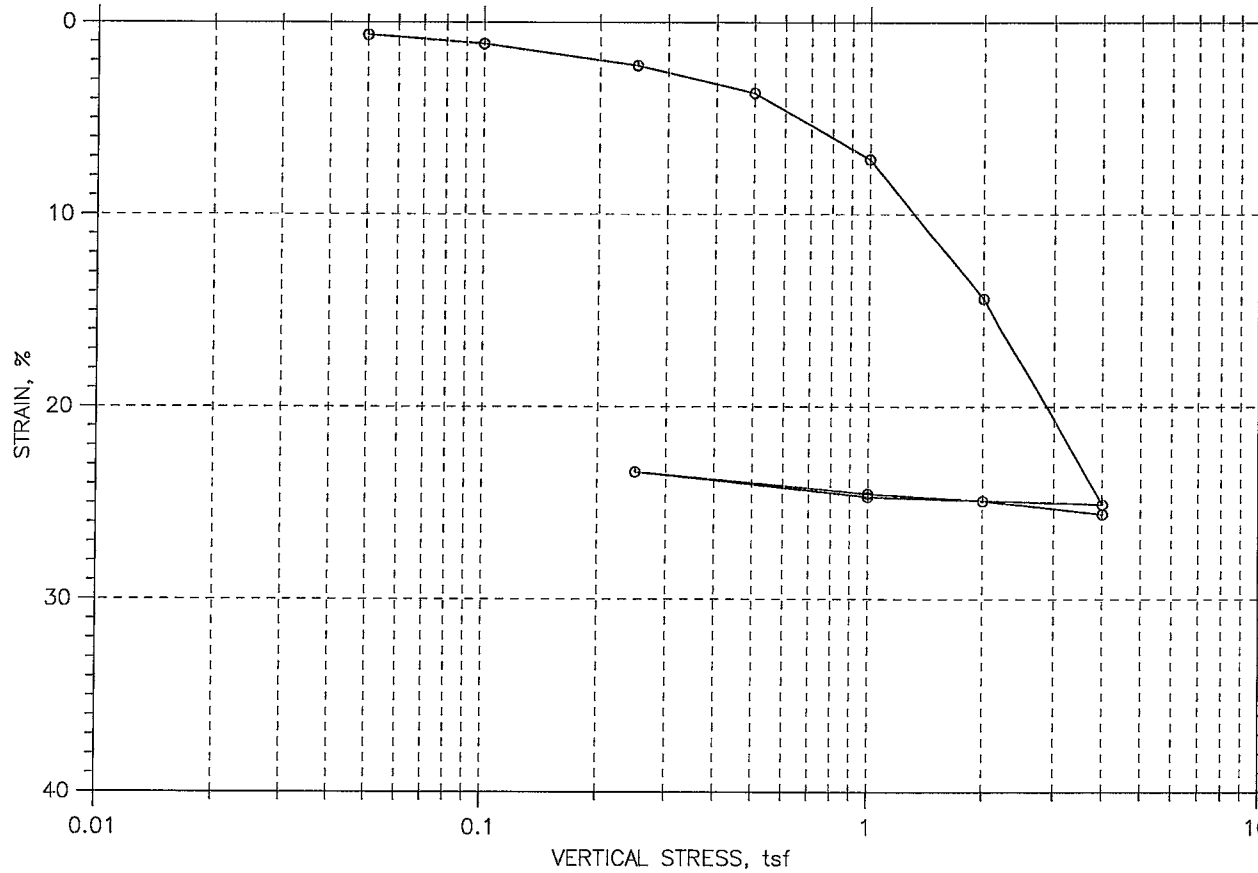


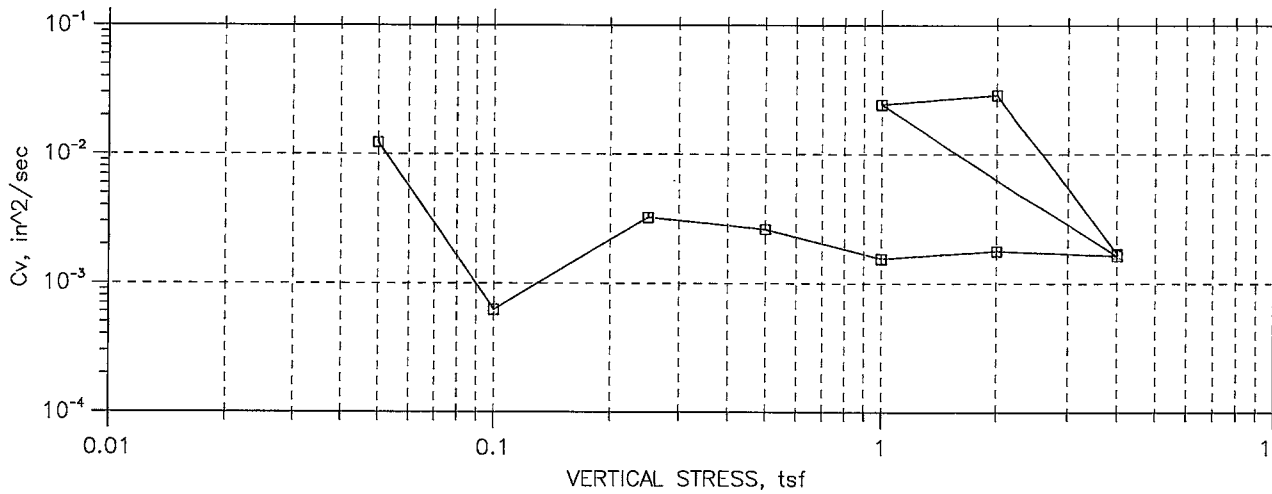
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-05	Tested By: md	Checked By: jdt
	Sample No.: 0298-07	Test Date: 02/11/07	Depth: 30-32 ft
	Test No.: C-1A	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System Q		

Wed, 04-APR-2007 09:03:47

CONSOLIDATION TEST DATA

SUMMARY REPORT



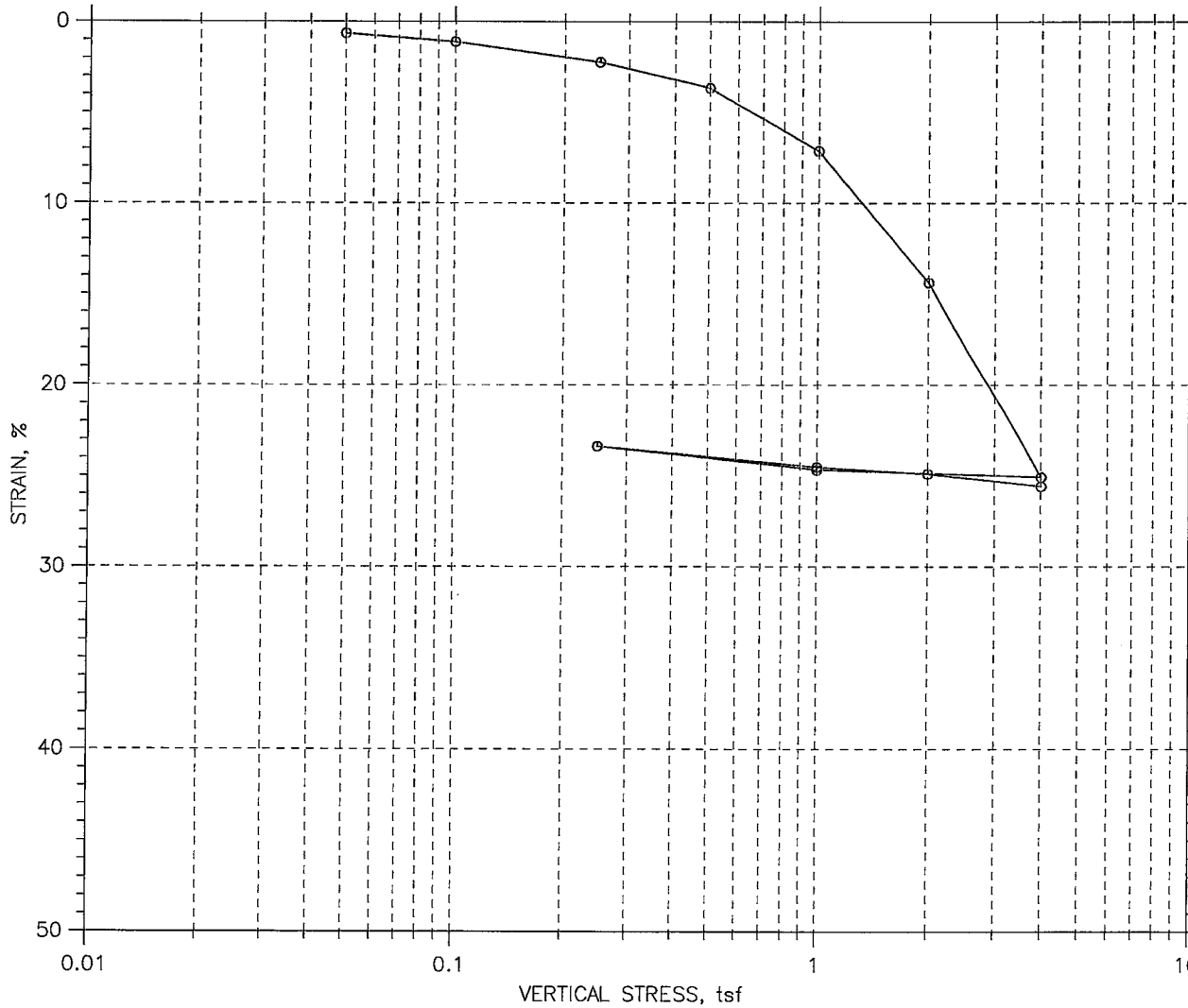


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

Wed, 04-APR-2007 12:40:13

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	81.95	52.11
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	39.33	52.84
Compression Index: ---				Saturation, %	88.39	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	1.40	0.79
LL: ---	PL: ---	PI: ---	GS: 1.51			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

Wed, 04-APR-2007 12:40:15

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-06
Sample No.: 0298-12
Test No.: C-9

Location: Syracuse, NY
Tested By: yf
Test Date: 03/09/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 8-10 ft
Elevation: ---

Soil Description: Moist, gray silty sand with gravel
Remarks: System R

Estimated Specific Gravity: 1.51
Initial Void Ratio: 1.40
Final Void Ratio: 0.79

Liquid Limit: ---
Plastic Limit: ---
Plasticity Index: ---

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Best	RING		Hair
Wt. Container + Wet Soil, gm	260.55	308.61	293.49	47.36
Wt. Container + Dry Soil, gm	174.13	267.08	267.08	33.89
Wt. Container, gm	8.38	216.41	216.41	8.04
Wt. Dry Soil, gm	165.75	50.674	50.674	25.85
Water Content, %	52.14	81.95	52.11	52.11
Void Ratio	---	1.40	0.79	---
Degree of Saturation, %	---	88.39	100.00	---
Dry Unit Weight, pcf	---	39.328	52.842	---

Note: Specific Gravity and Void Ratios are calculated assuming the degree of saturation equals 100% at the end of the test. Therefore, values may not represent actual values for the specimen.

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-06
Sample No.: 0298-12
Test No.: C-9

Location: Syracuse, NY
Tested By: yf
Test Date: 03/09/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 8-10 ft
Elevation: ---

Soil Description: Moist, gray silty sand with gravel
Remarks: System R

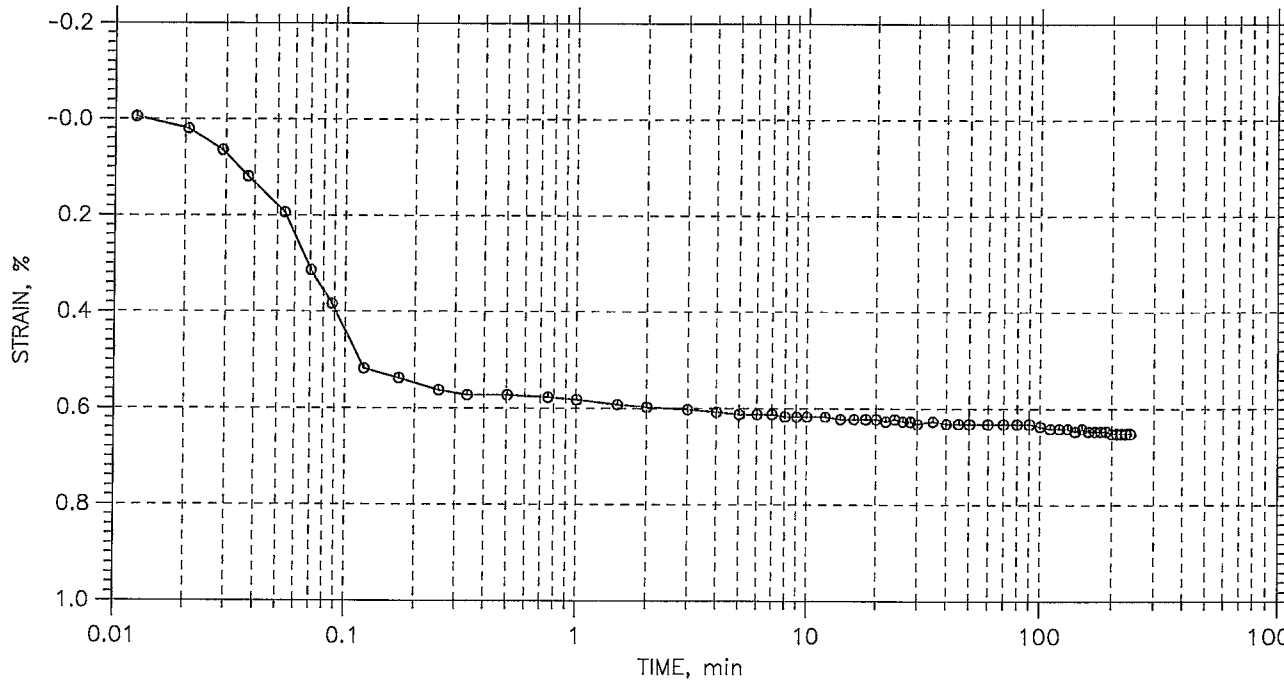
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.006519	1.388	0.65	0.1	0.1	1.20e-002	1.27e-002	1.23e-002
2	0.1	0.0112	1.377	1.12	1.3	0.0	6.23e-004	0.00e+000	6.23e-004
3	0.25	0.0224	1.350	2.24	0.4	0.1	1.96e-003	9.25e-003	3.24e-003
4	0.5	0.03673	1.316	3.67	0.5	0.1	1.66e-003	6.16e-003	2.62e-003
5	1	0.07128	1.233	7.13	0.5	0.0	1.55e-003	0.00e+000	1.55e-003
6	2	0.1437	1.058	14.37	0.5	0.2	1.31e-003	2.76e-003	1.78e-003
7	4	0.2507	0.801	25.07	0.4	0.3	1.48e-003	1.83e-003	1.64e-003
8	1	0.2467	0.811	24.67	0.0	0.0	2.21e-002	0.00e+000	2.21e-002
9	0.25	0.2338	0.842	23.38	0.2	0.0	2.83e-003	0.00e+000	2.83e-003
10	1	0.2453	0.814	24.53	0.0	0.0	2.49e-002	2.39e-002	2.44e-002
11	2	0.2489	0.806	24.89	0.0	0.0	2.83e-002	2.94e-002	2.88e-002
12	4	0.2558	0.789	25.58	0.3	0.0	1.70e-003	0.00e+000	1.70e-003

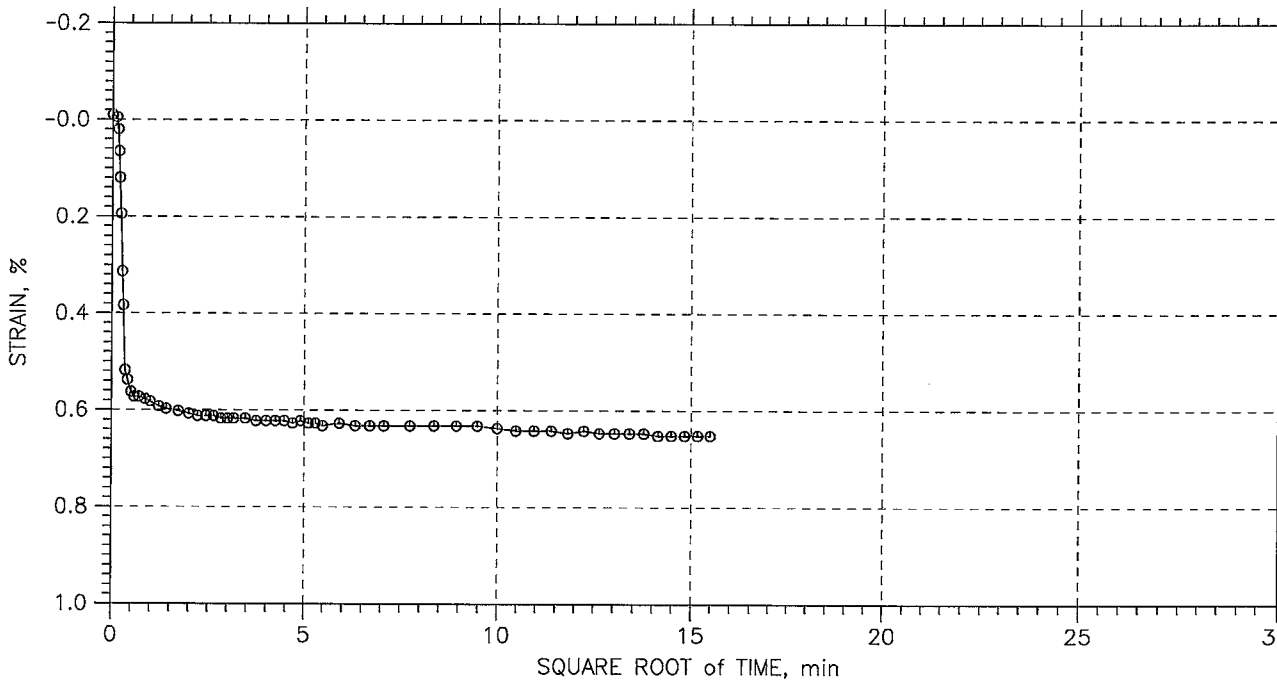
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

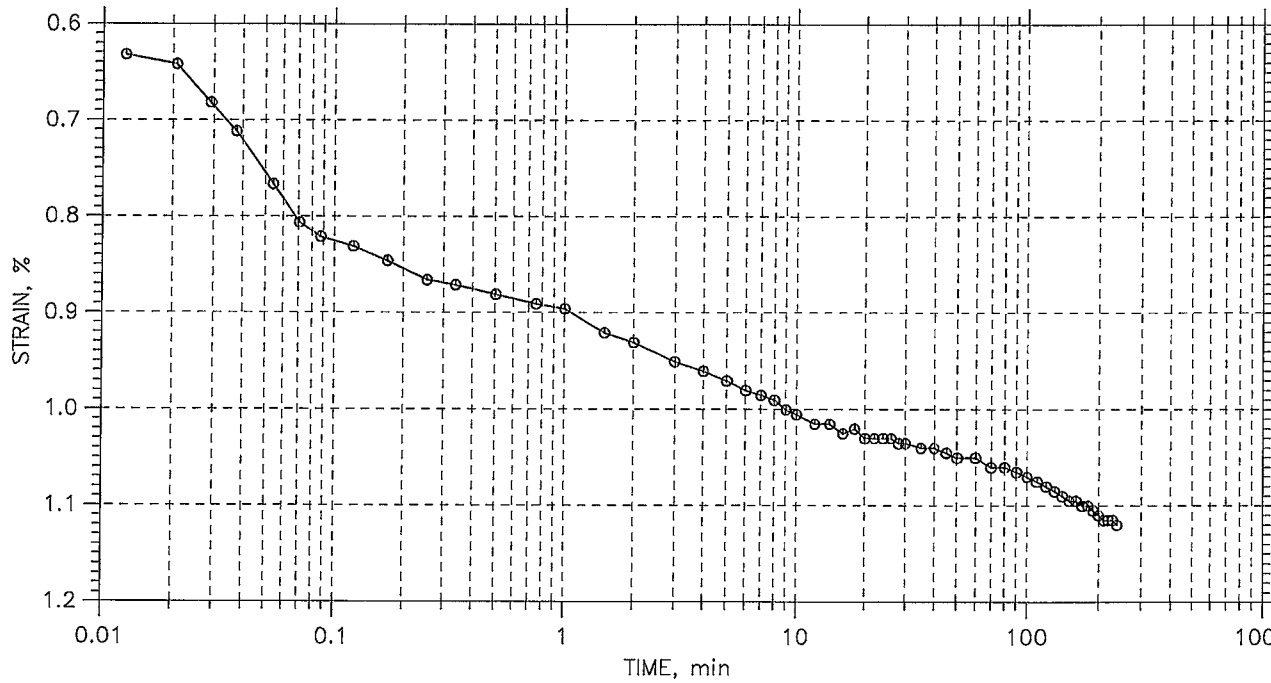
Wed, 04-APR-2007 12:40:18

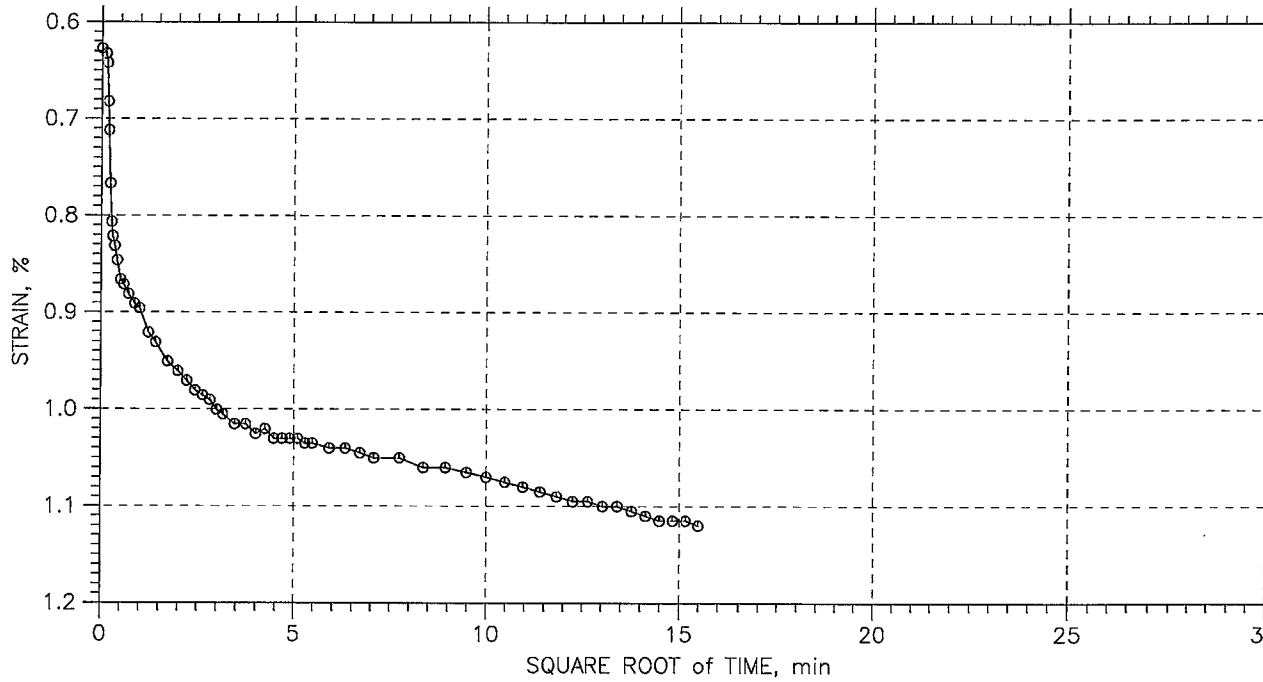
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

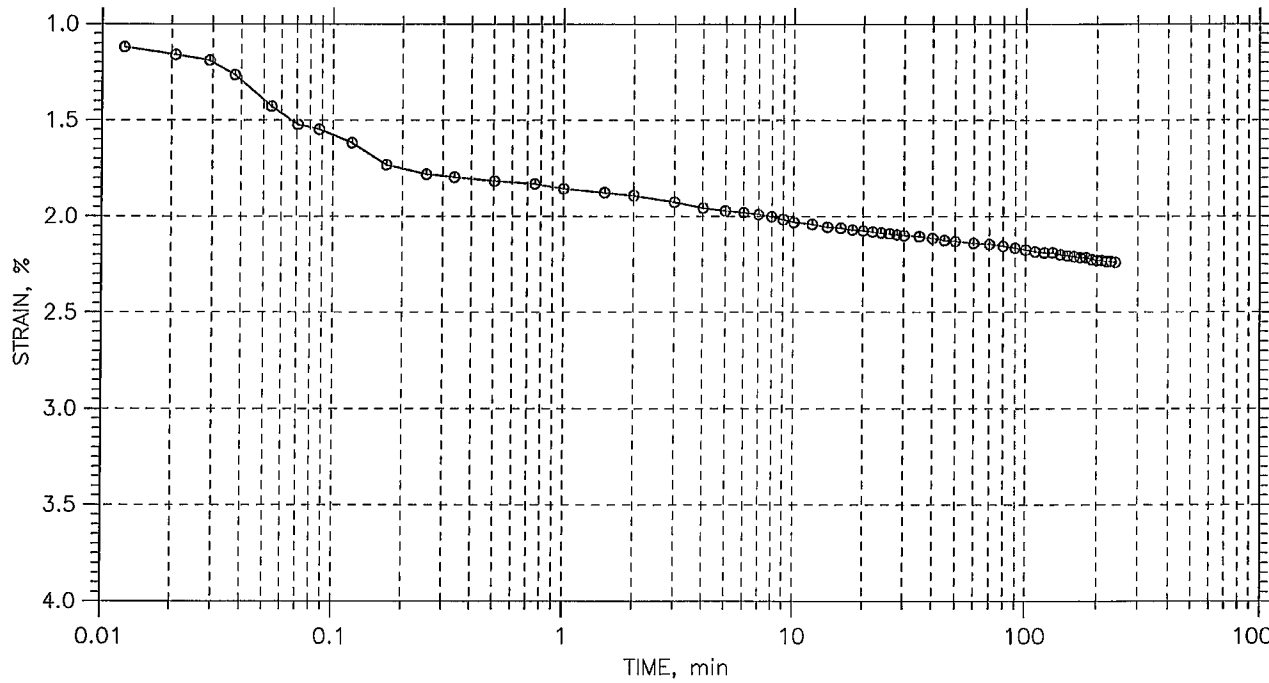
Wed, 04-APR-2007 12:40:21

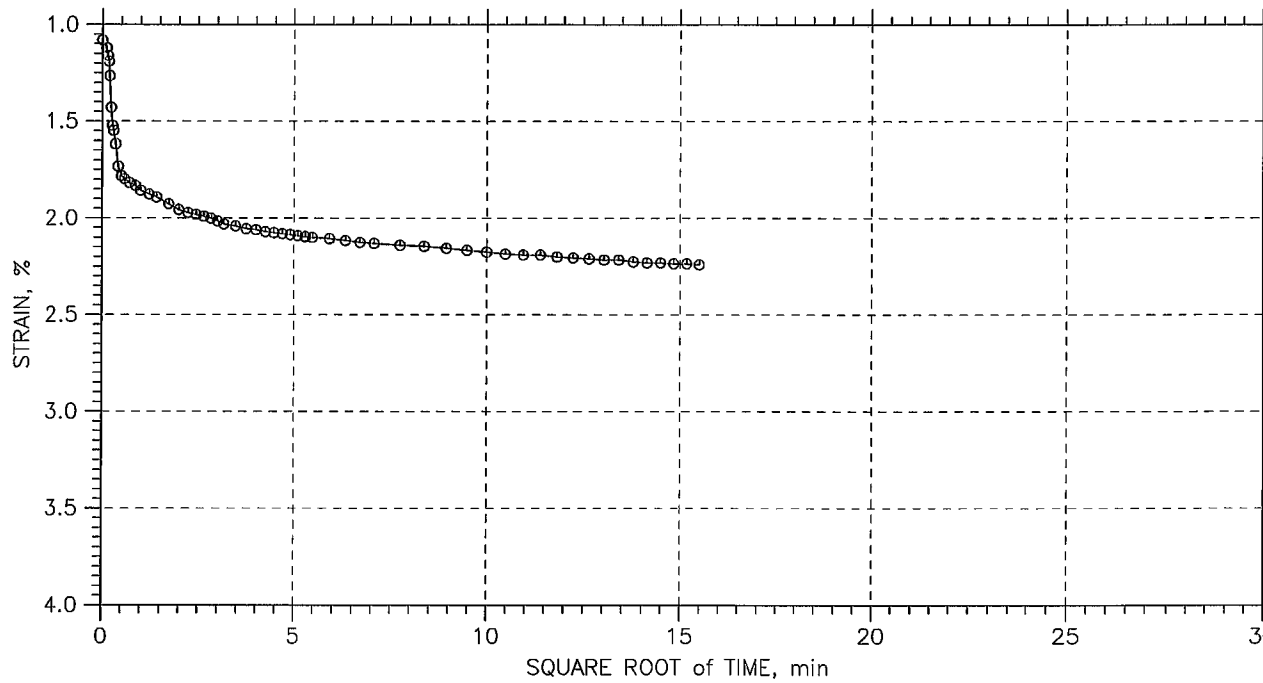
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

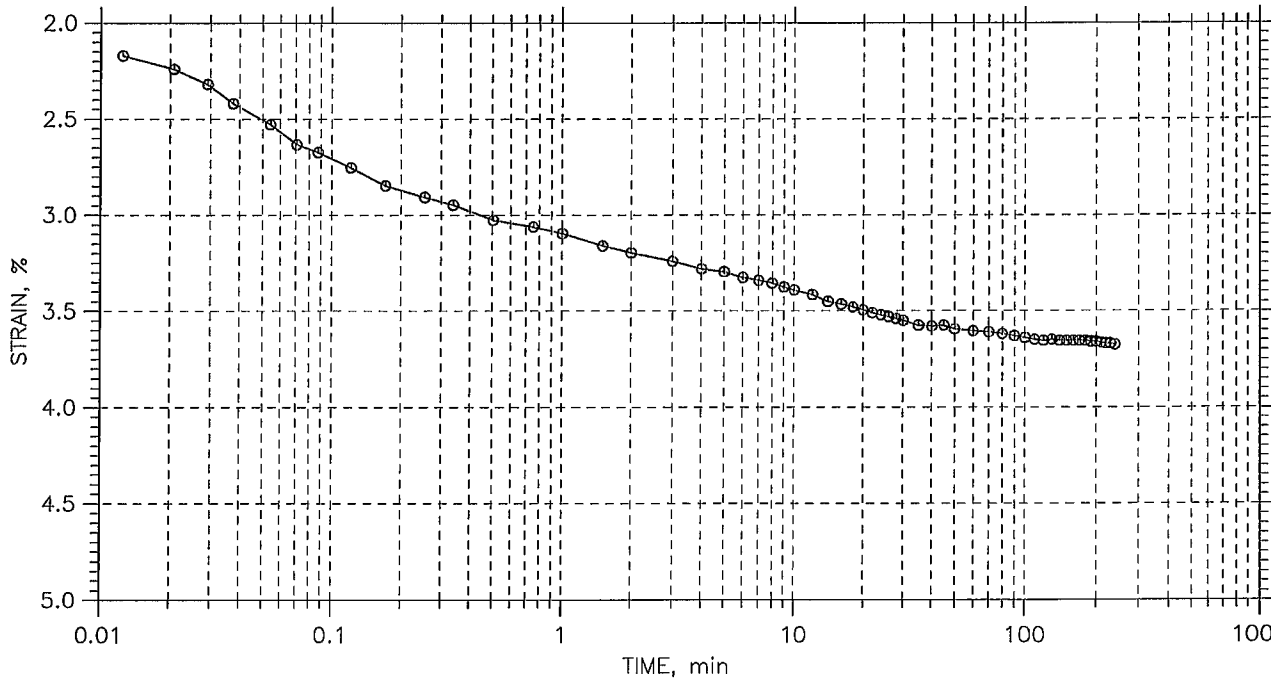
Wed, 04-APR-2007 12:40:23

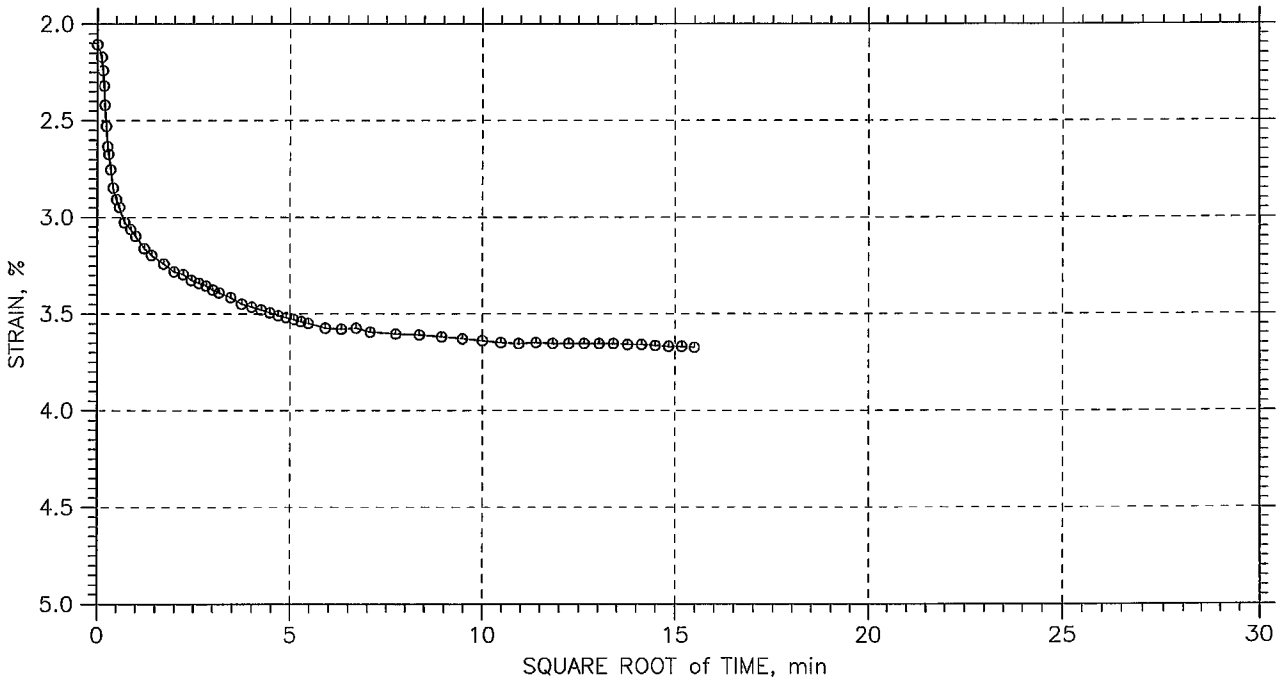
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

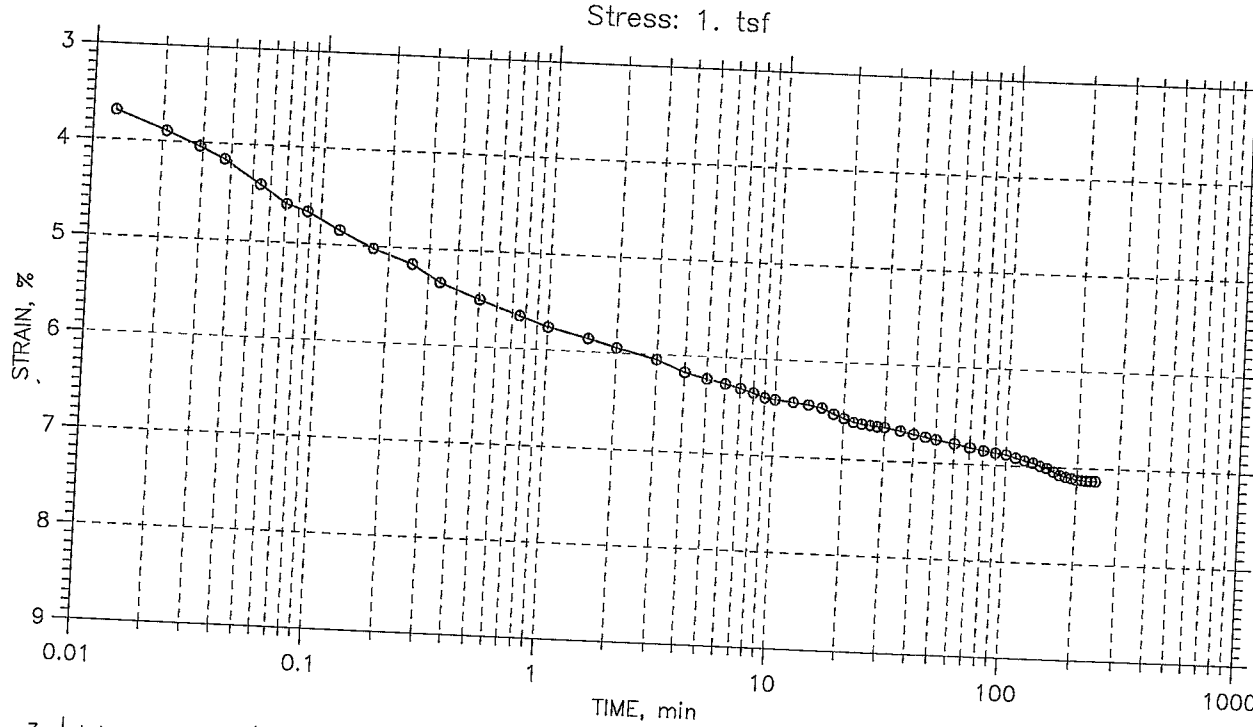
Wed, 04-APR-2007 12:40:25

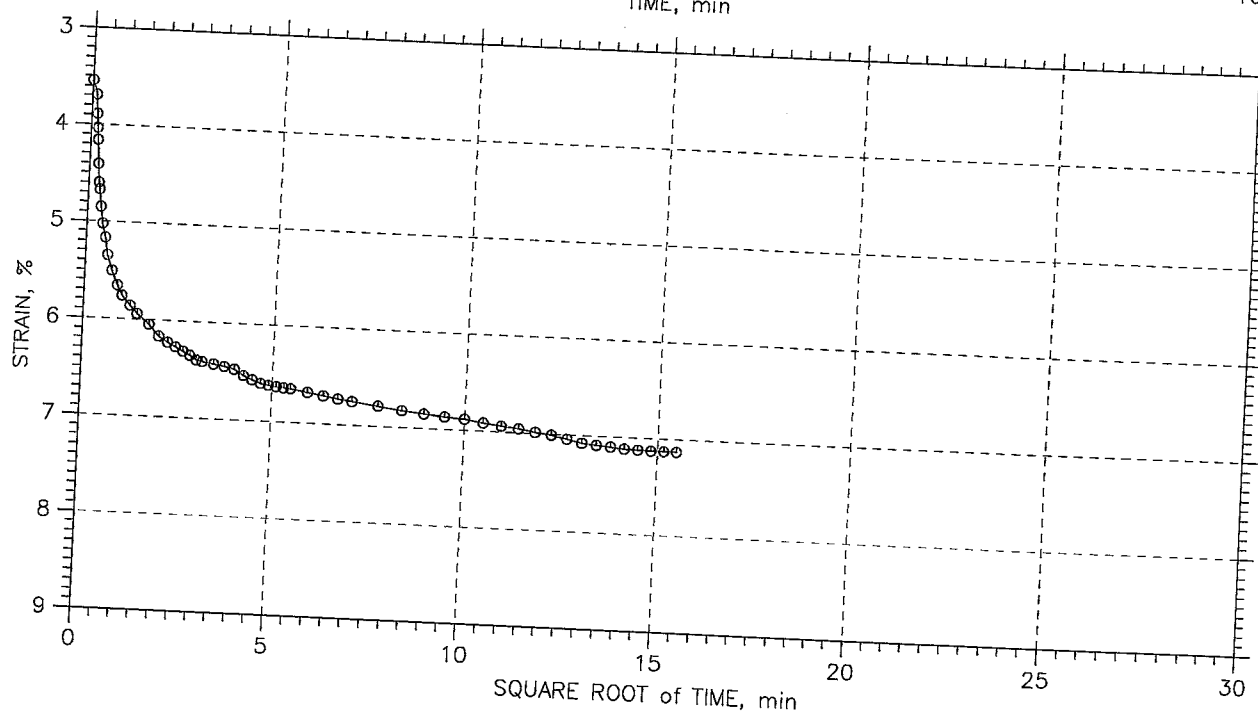
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

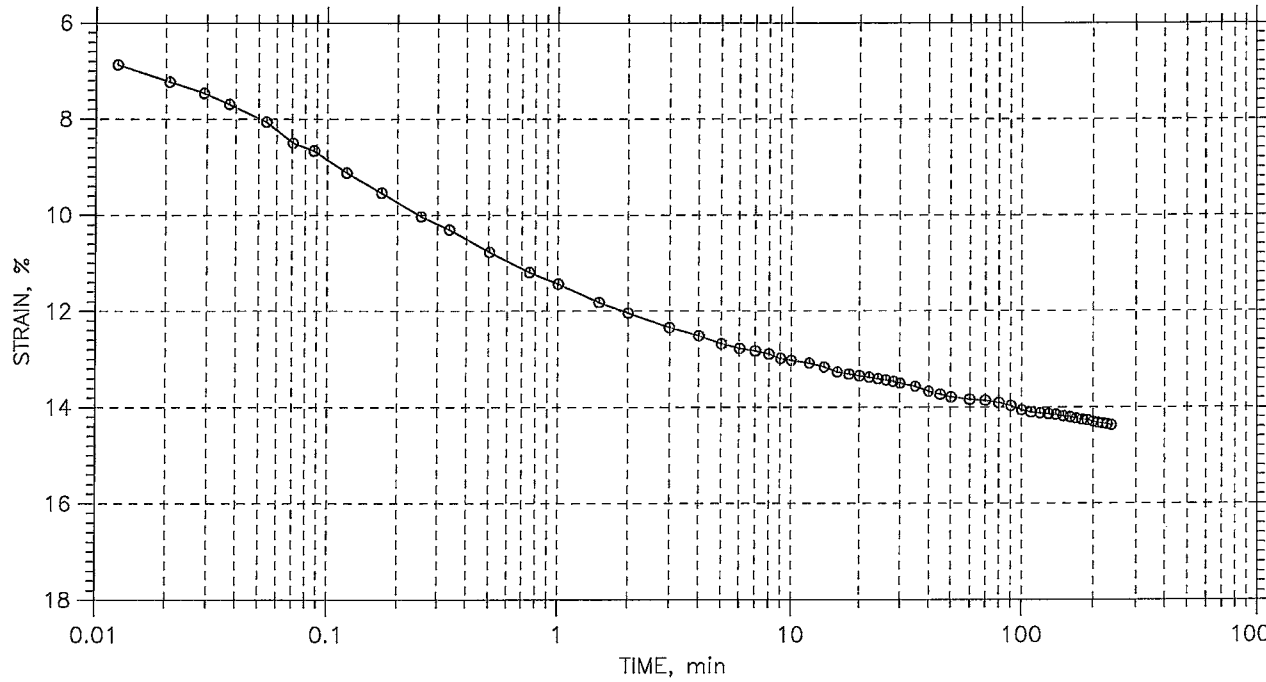
Wed, 04-APR-2007 12:40:28

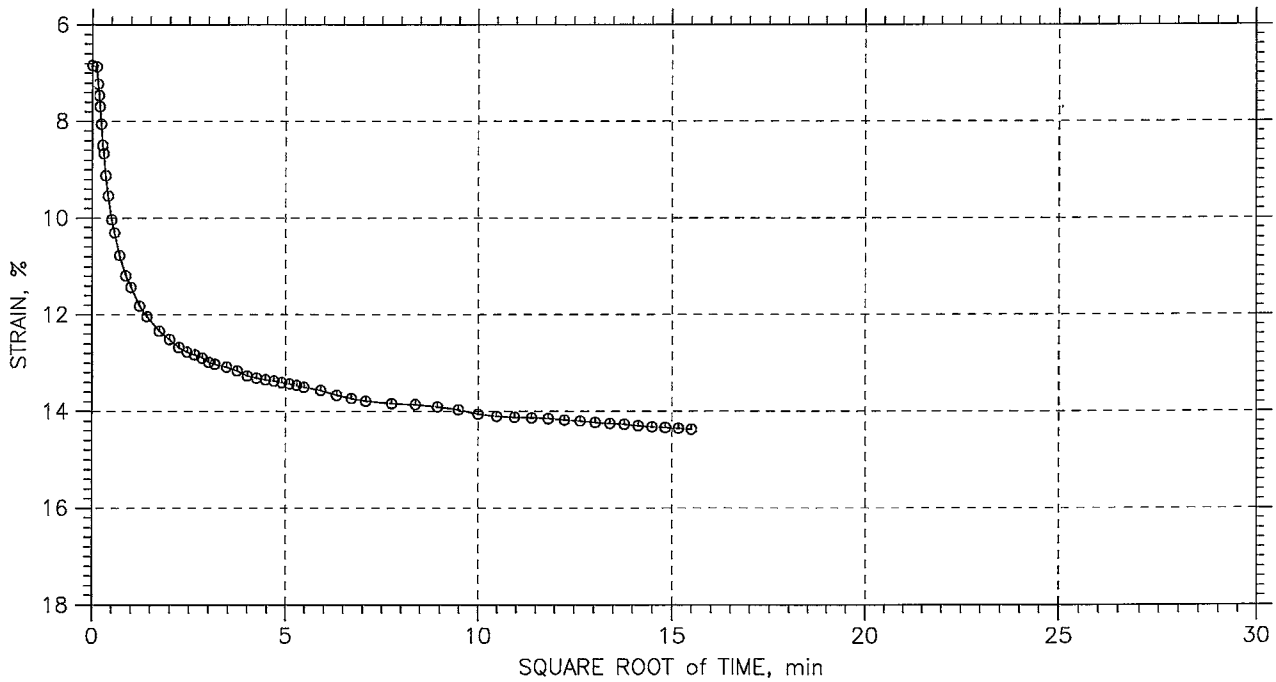
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

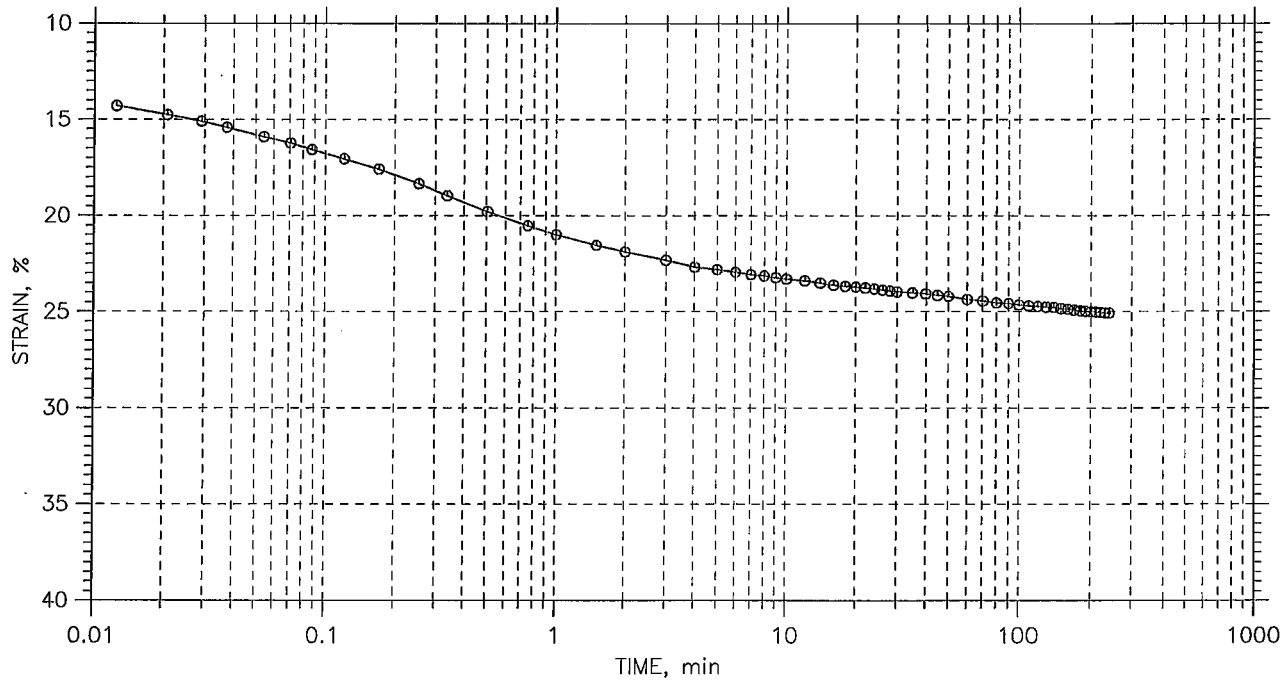
Wed, 04-APR-2007 12:40:31

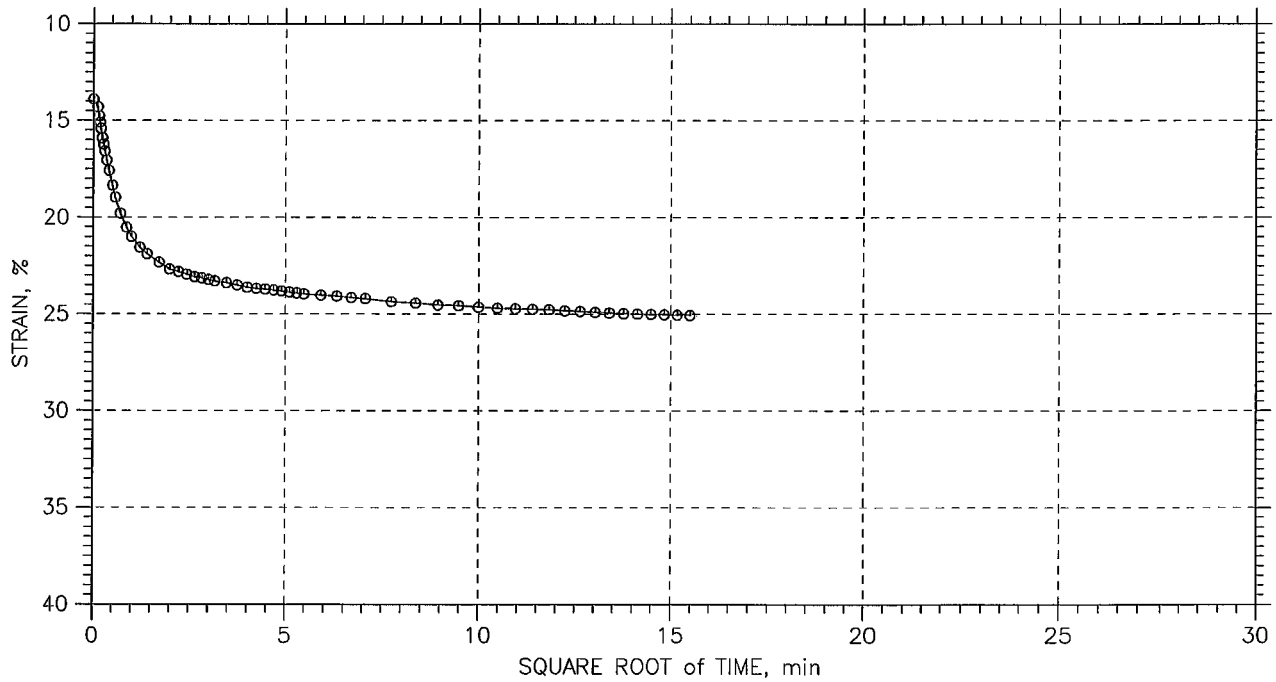
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

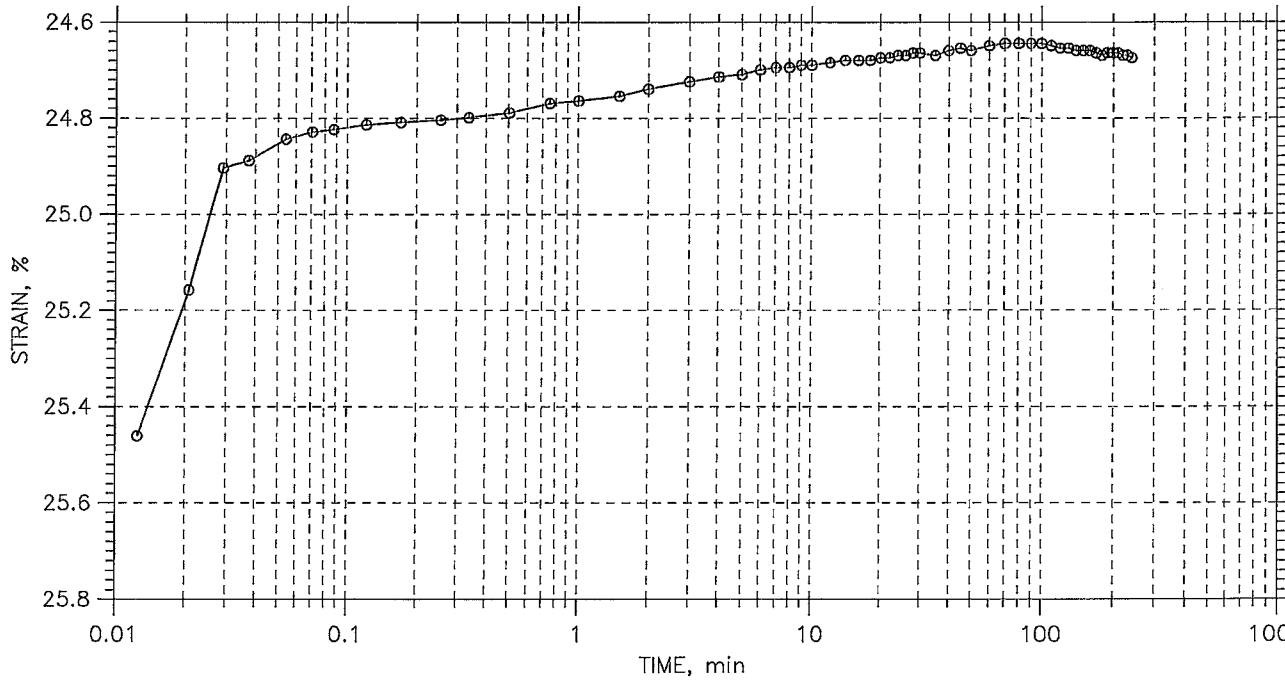
Wed, 04-APR-2007 12:40:33

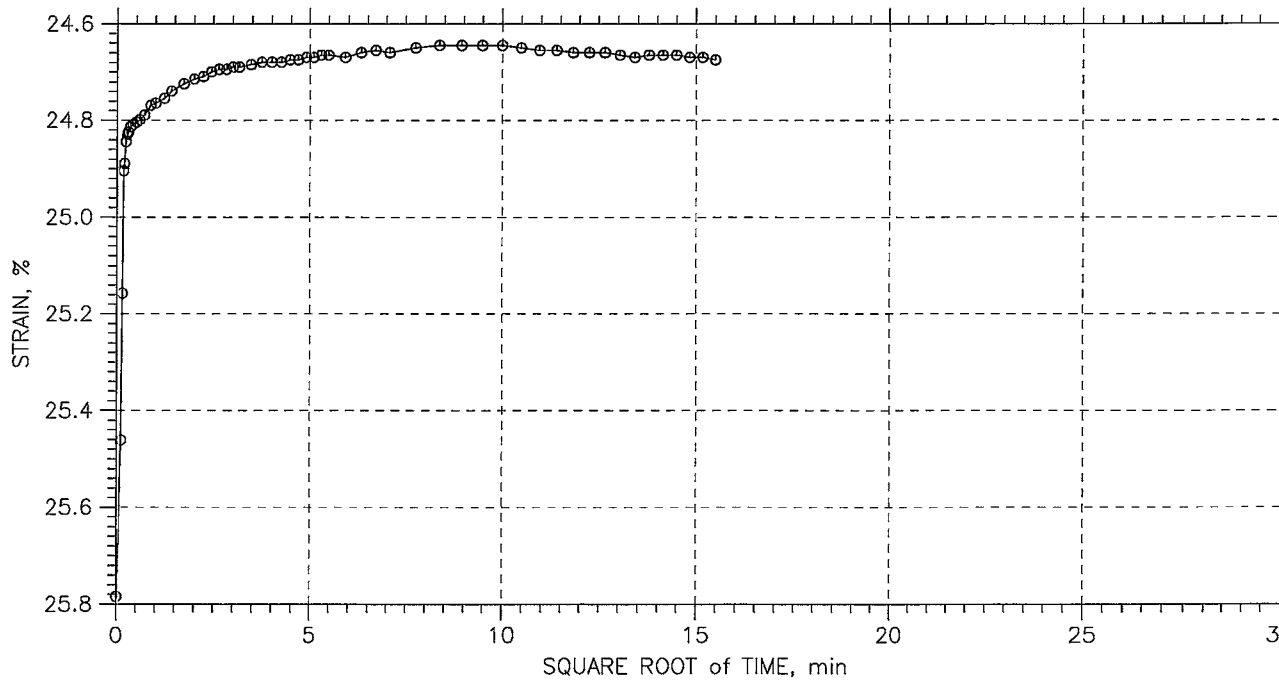
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

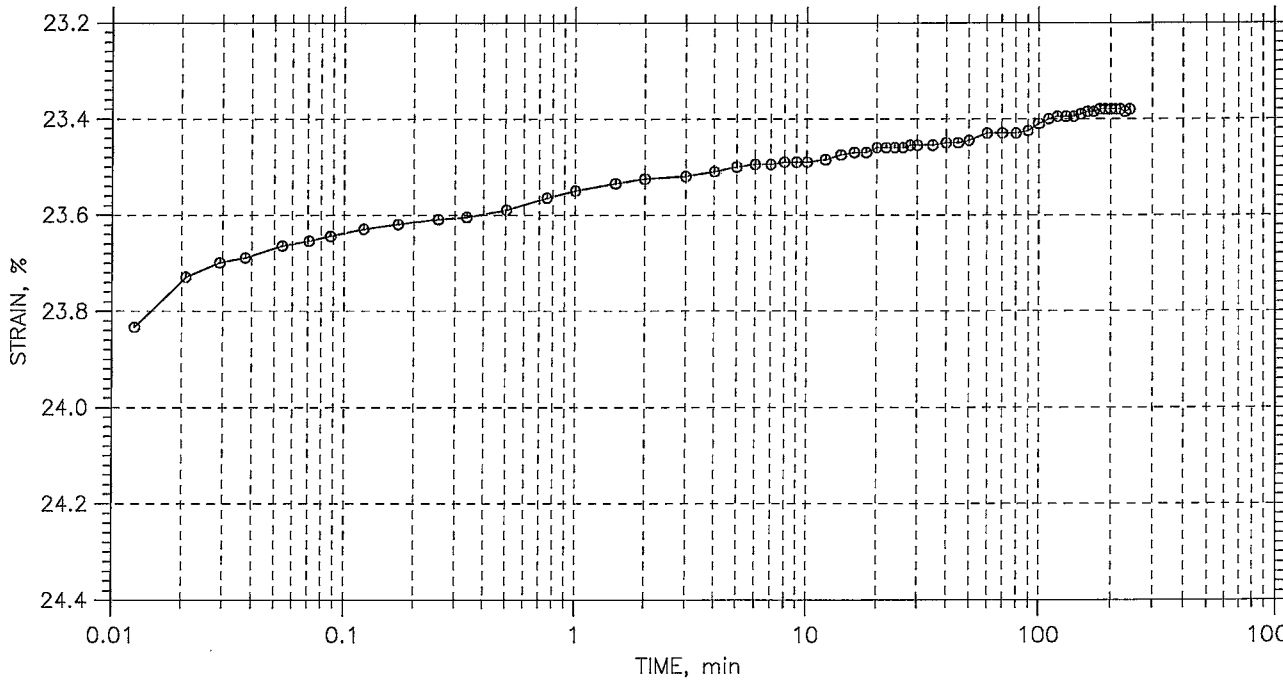
Wed, 04-APR-2007 12:40:36

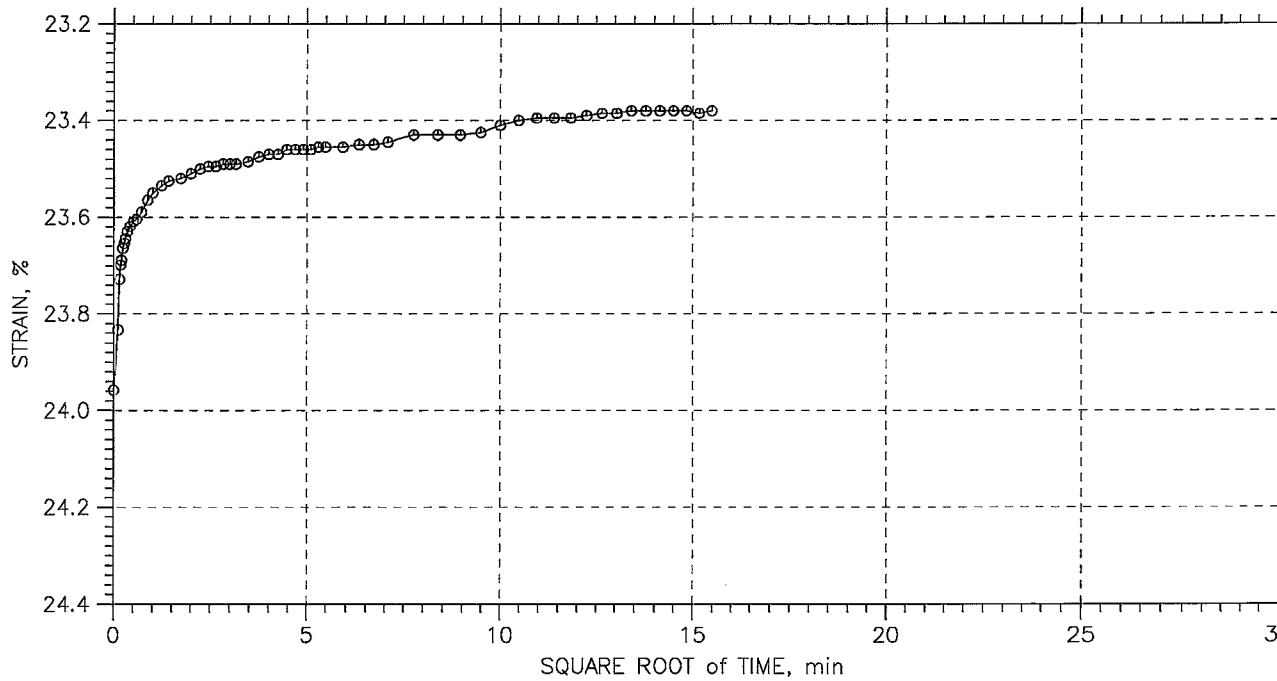
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

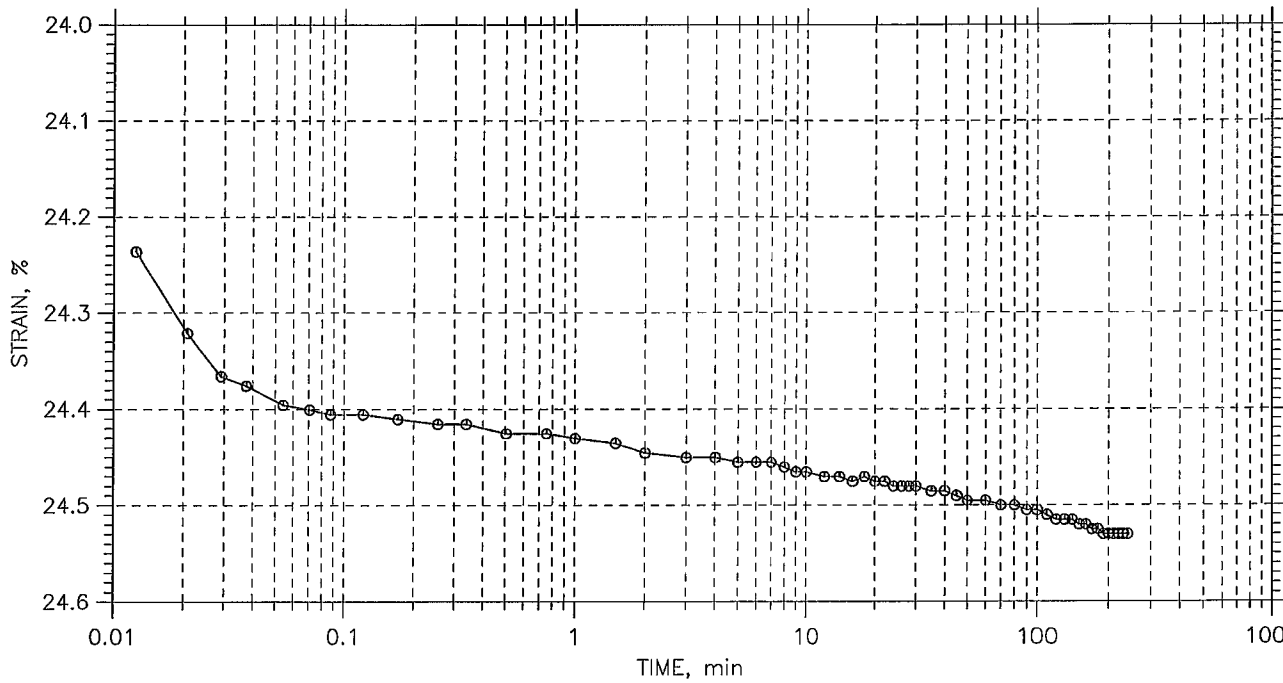
Wed, 04-APR-2007 12:40:38

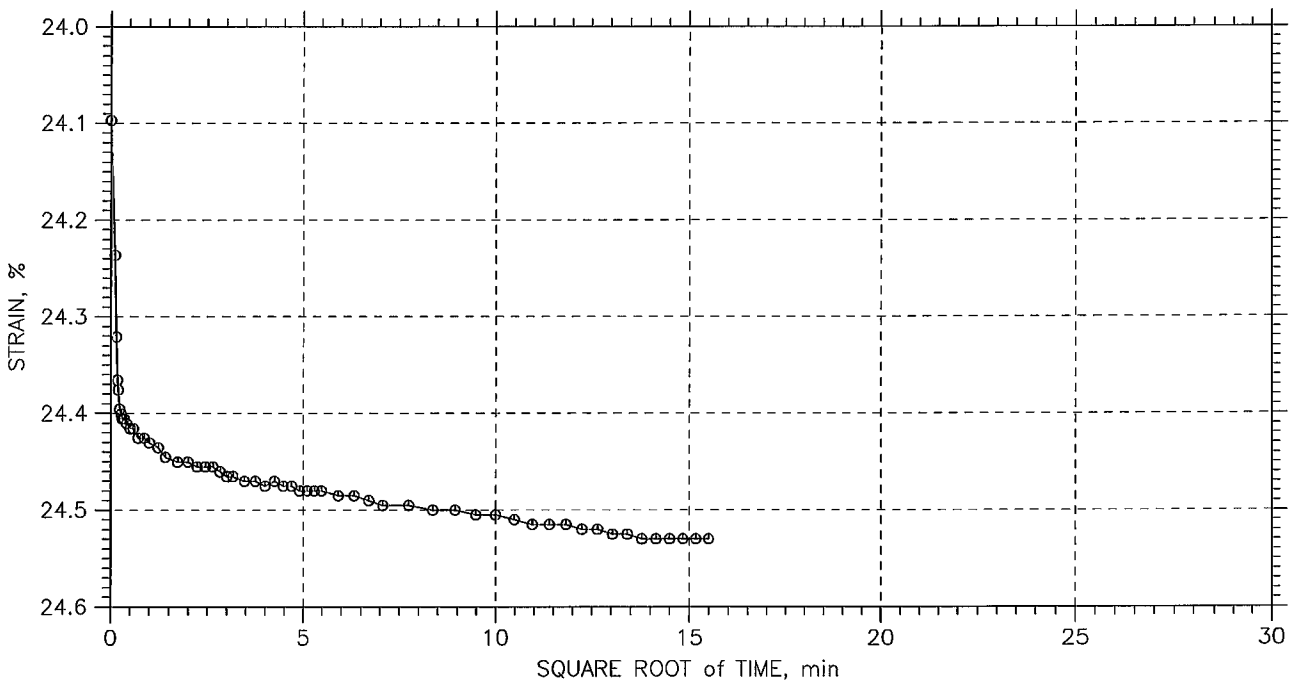
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

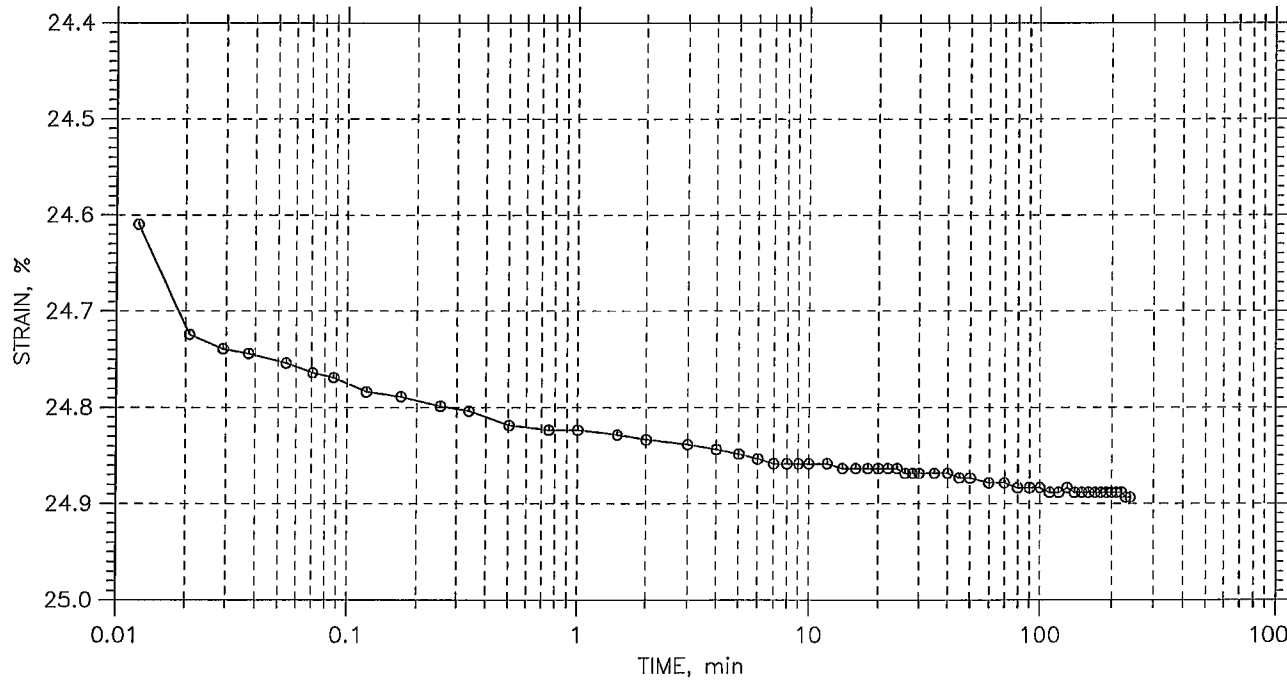
Wed, 04-APR-2007 12:40:42

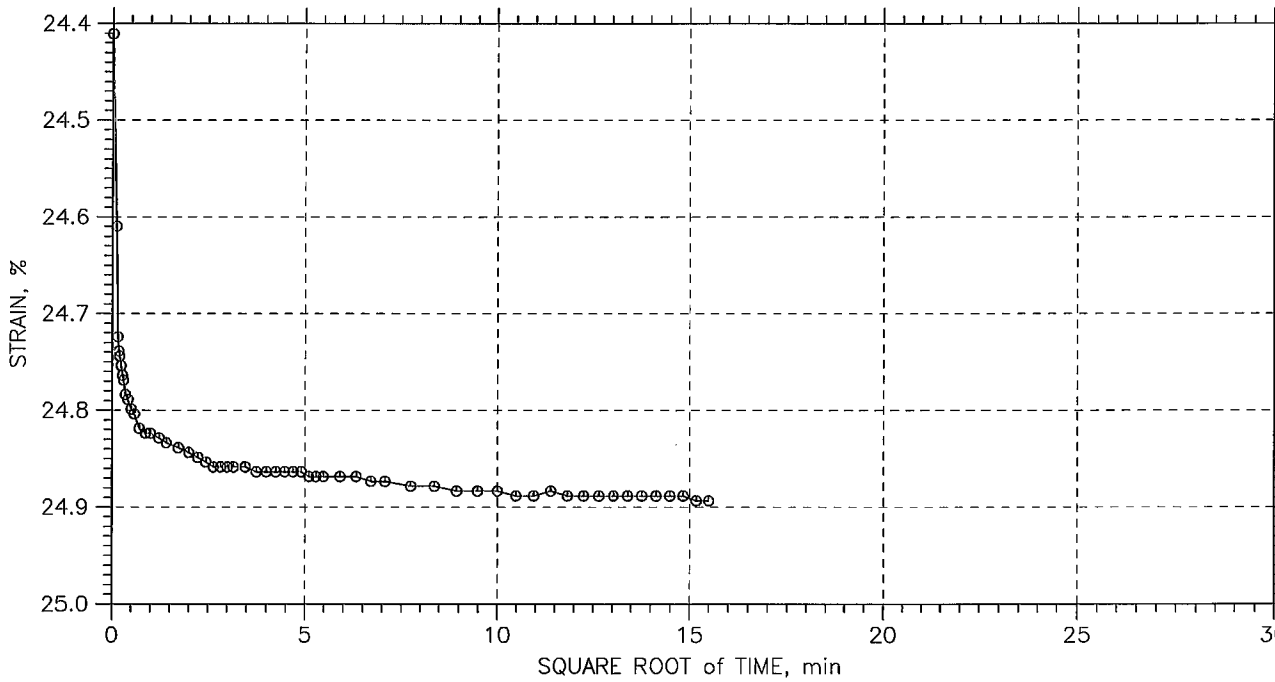
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

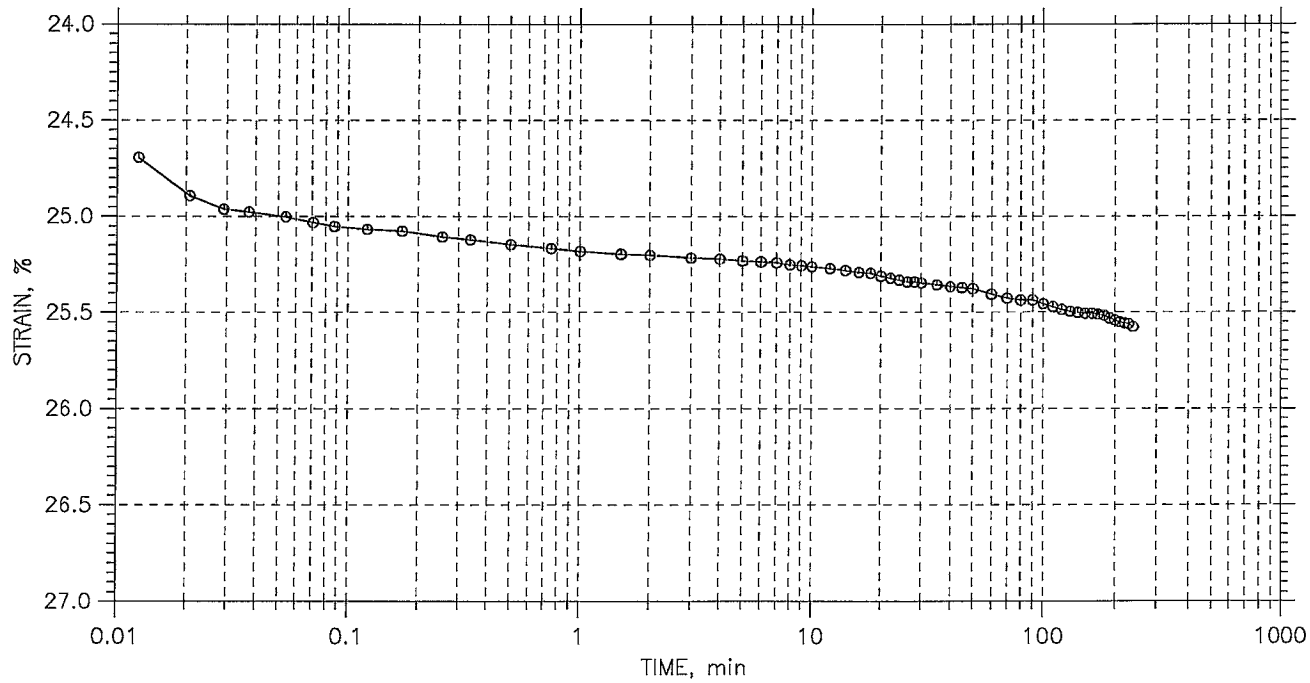
Wed, 04-APR-2007 12:40:44

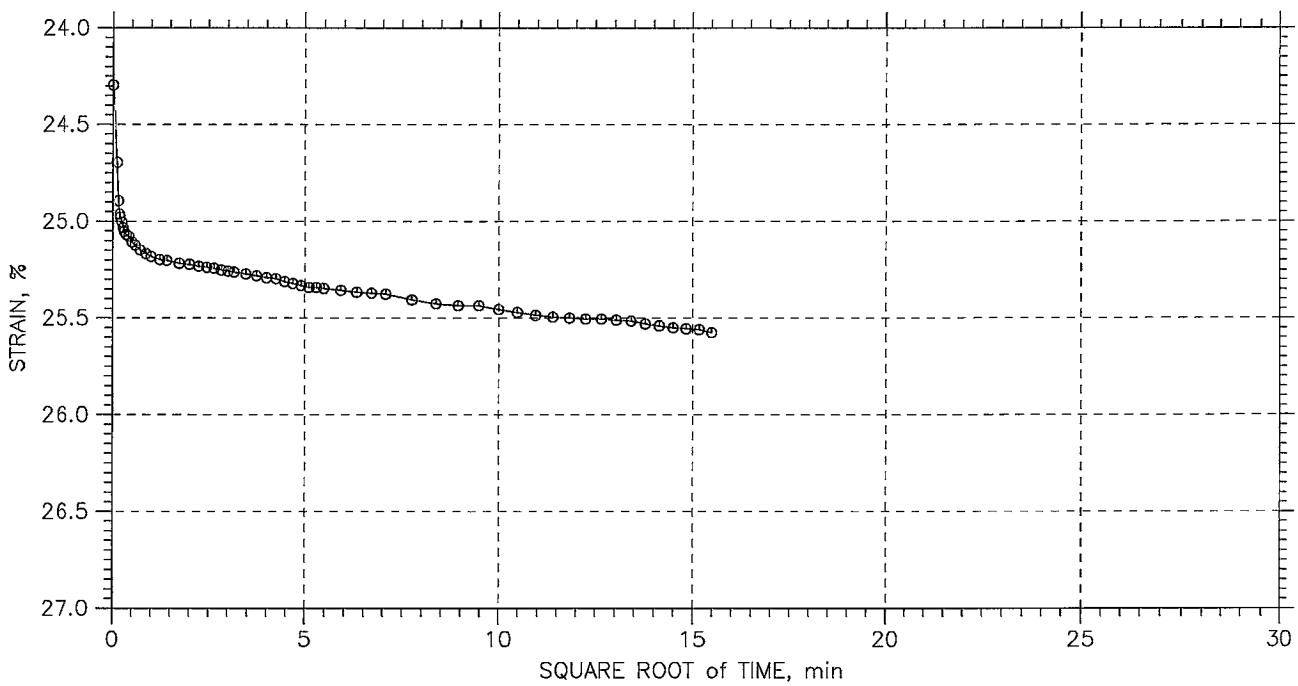
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



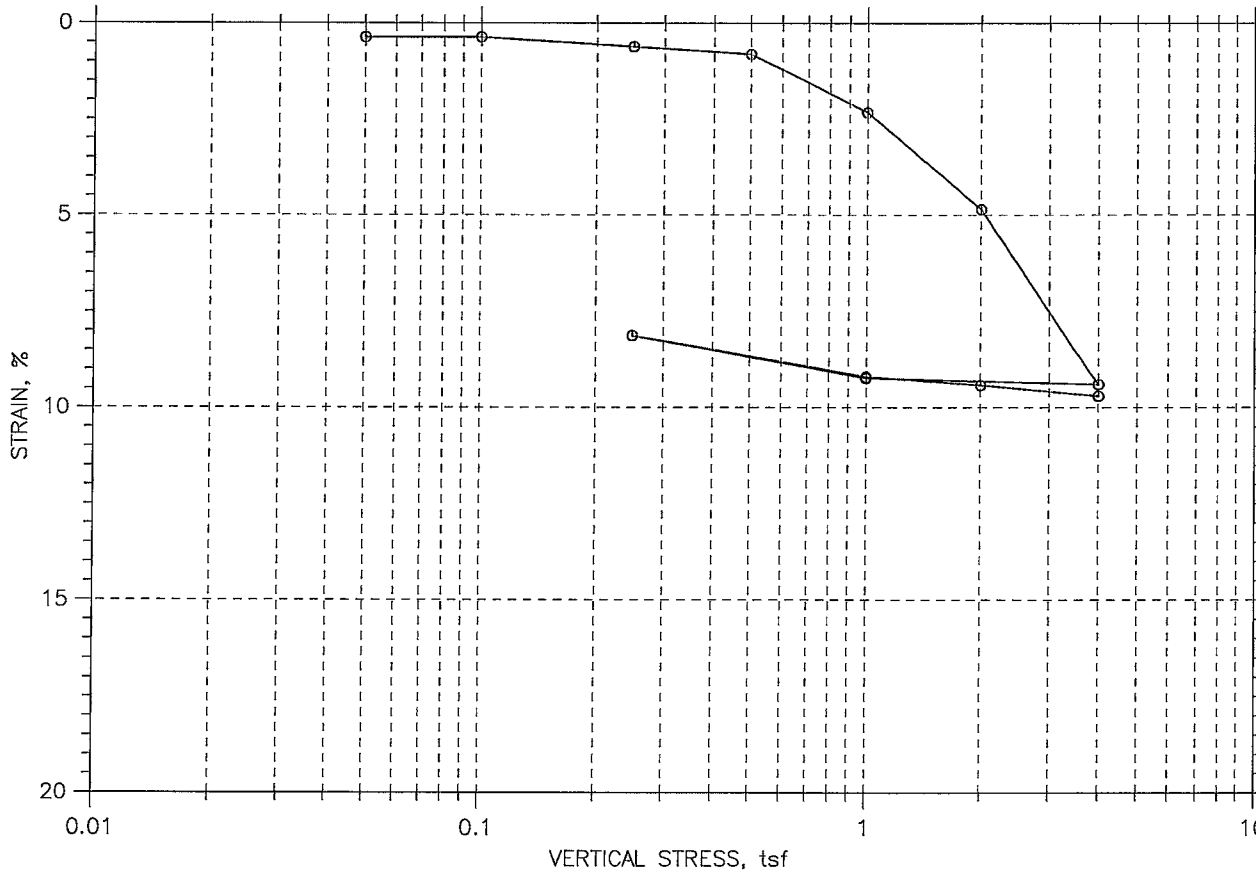


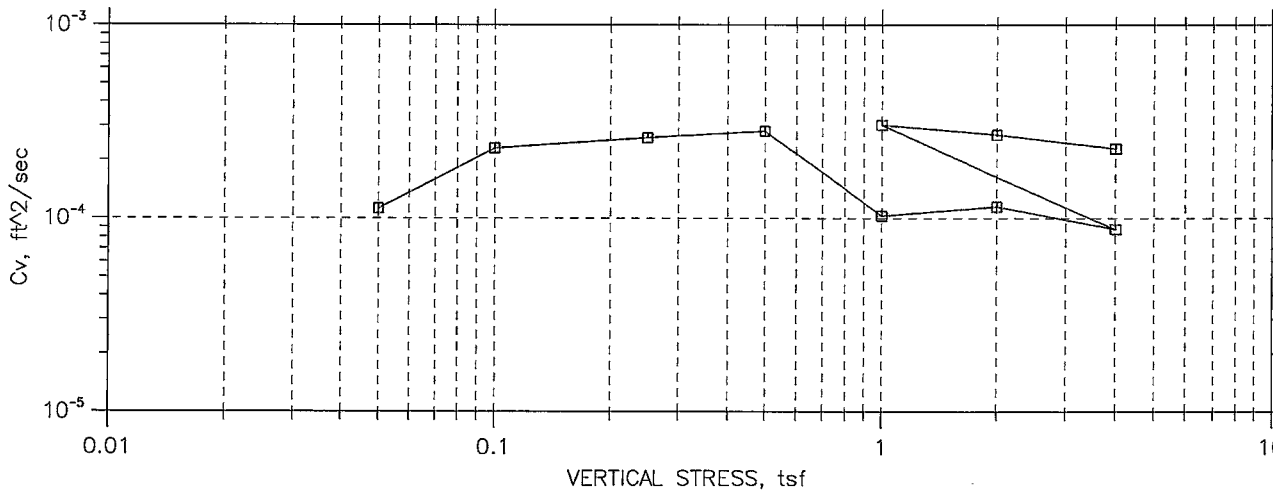
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: yf	Checked By: jdt
	Sample No.: 0298-12	Test Date: 03/09/07	Depth: 8-10 ft
	Test No.: C-9	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand with gravel		
	Remarks: System R		

Wed, 04-APR-2007 12:40:46

CONSOLIDATION TEST DATA

SUMMARY REPORT



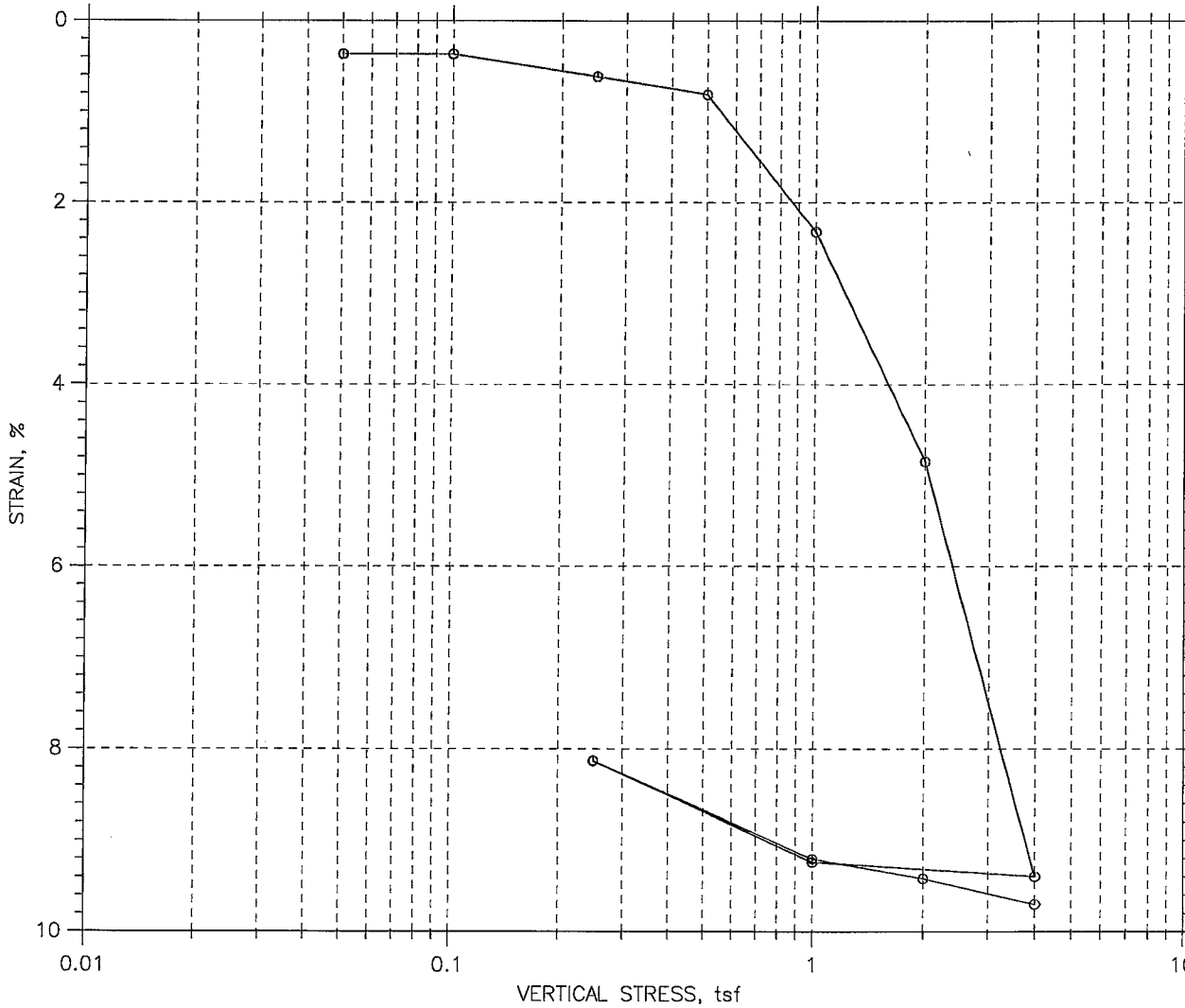


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

Wed, 04-APR-2007 09:18:21

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	168.03	156.95
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	27.6	30.56
Compression Index: ---				Saturation, %	89.22	94.33
Diameter: 2.5 in		Height: 1 in		Void Ratio	4.97	4.39
LL: 241	PL: 167	PI: 74	GS: 2.64			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

Wed, 04-APR-2007 09:18:23

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-06
Sample No.: 0298-14
Test No.: C-7

Location: Syracuse, NY
Tested By: md
Test Date: 02/28/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand
Remarks: System Q

Measured Specific Gravity: 2.64
Initial Void Ratio: 4.97
Final Void Ratio: 4.39

Liquid Limit: 241
Plastic Limit: 167
Plasticity Index: 74

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	Otis -8	RING		1297
Wt. Container + Wet Soil, gm	198.51	311.72	307.78	89.32
Wt. Container + Dry Soil, gm	81.92	251.97	251.97	39.85
Wt. Container, gm	8.24	216.41	216.41	8.33
Wt. Dry Soil, gm	73.68	35.56	35.56	31.52
Water Content, %	158.24	168.03	156.95	156.95
Void Ratio	---	4.97	4.39	---
Degree of Saturation, %	---	89.22	94.33	---
Dry Unit Weight, pcf	---	27.597	30.562	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-06
Sample No.: 0298-14
Test No.: C-7

Location: Syracuse, NY
Tested By: md
Test Date: 02/28/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand
Remarks: System Q

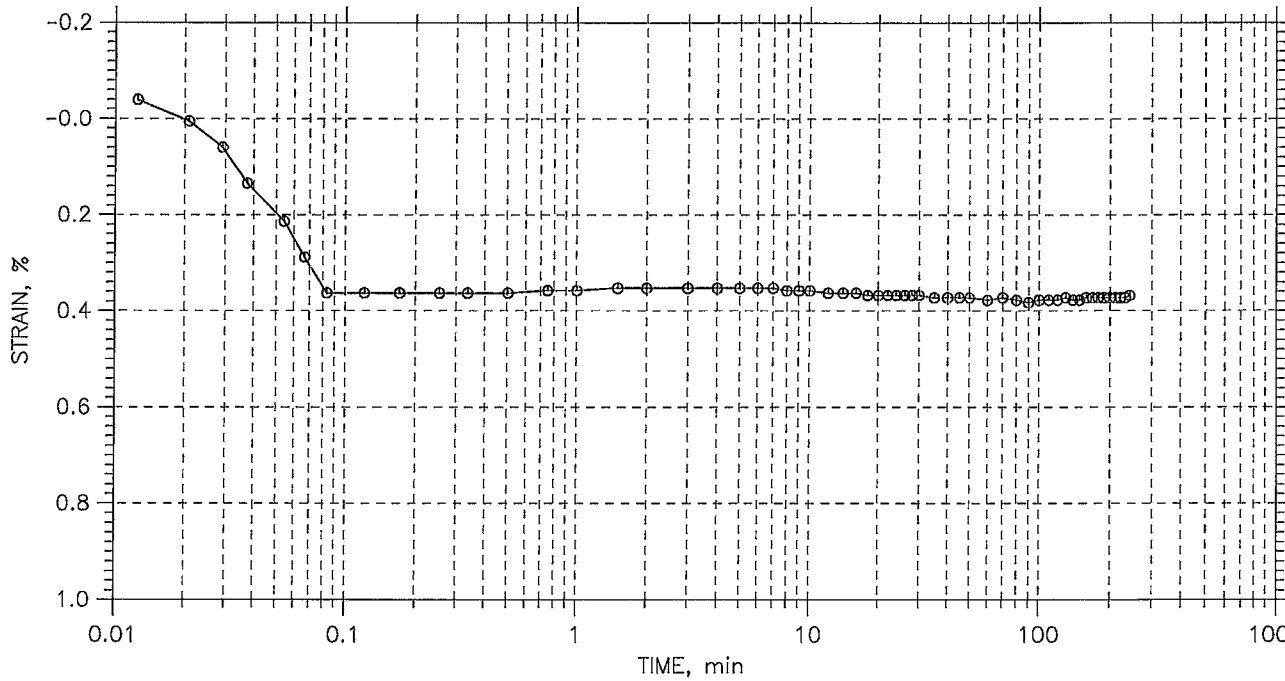
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.003674	4.950	0.37	0.1	0.0	1.12e-004	0.00e+000	1.12e-004
2	0.1	0.003672	4.950	0.37	0.0	0.0	2.30e-004	0.00e+000	2.30e-004
3	0.25	0.00615	4.935	0.61	0.0	0.0	2.61e-004	0.00e+000	2.61e-004
4	0.5	0.008137	4.923	0.81	0.0	0.0	2.82e-004	0.00e+000	2.82e-004
5	1	0.02322	4.833	2.32	0.1	0.1	9.75e-005	1.09e-004	1.03e-004
6	2	0.04848	4.682	4.85	0.0	0.0	1.09e-004	1.21e-004	1.15e-004
7	4	0.09398	4.411	9.40	0.1	0.1	8.13e-005	9.53e-005	8.78e-005
8	1	0.09239	4.420	9.24	0.0	0.0	2.62e-004	0.00e+000	2.62e-004
9	0.25	0.08133	4.486	8.13	0.0	0.0	2.63e-004	0.00e+000	2.63e-004
10	1	0.09204	4.422	9.20	0.0	0.0	3.04e-004	0.00e+000	3.04e-004
11	2	0.0942	4.409	9.42	0.0	0.0	2.70e-004	0.00e+000	2.70e-004
12	4	0.09701	4.393	9.70	0.0	0.0	2.29e-004	0.00e+000	2.29e-004

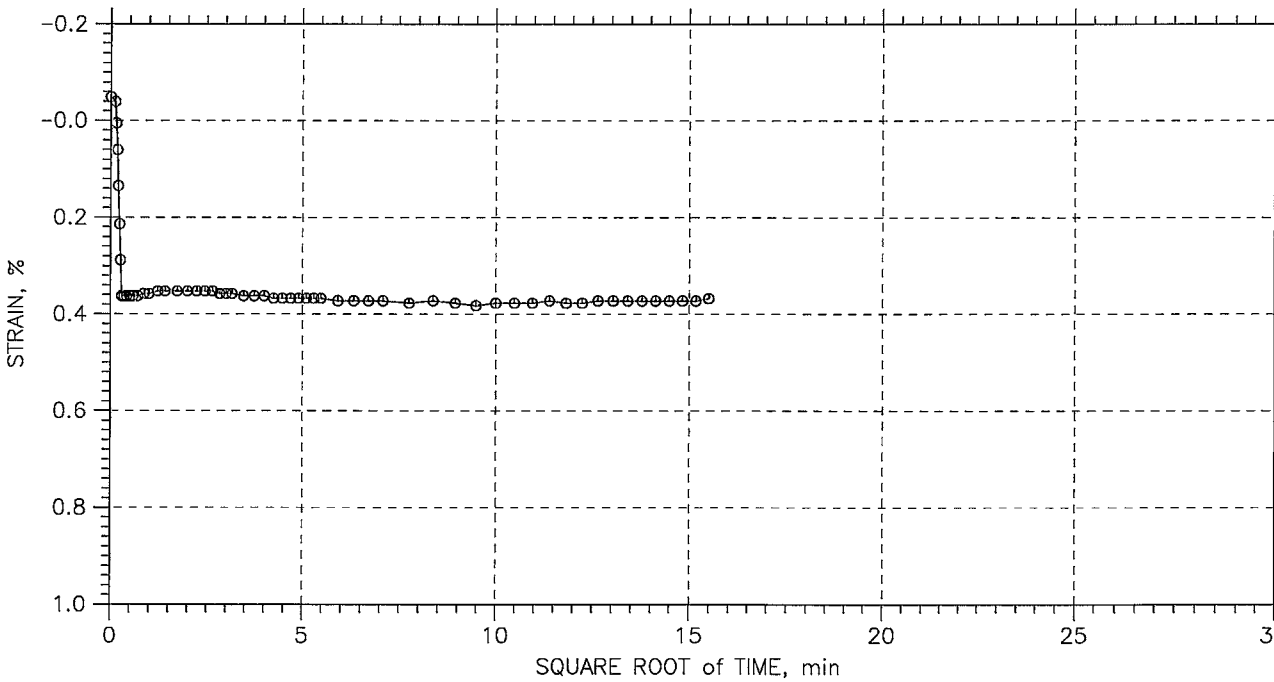
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

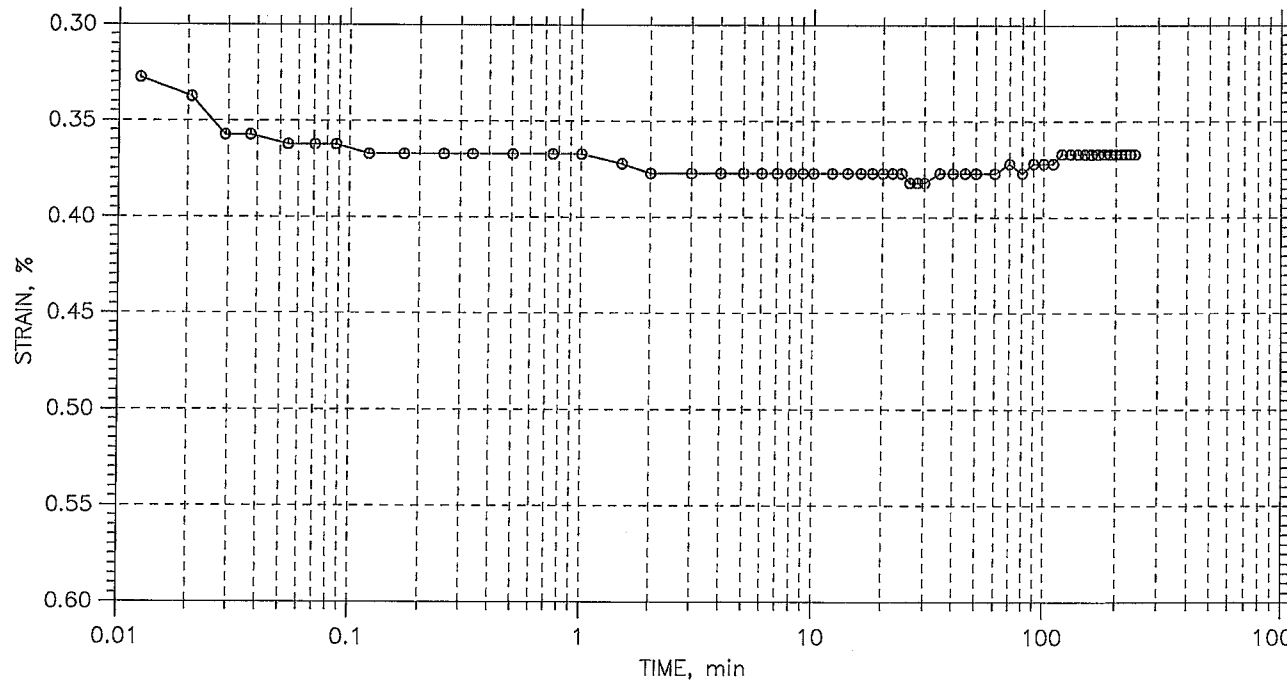
Wed, 04-APR-2007 09:19:24

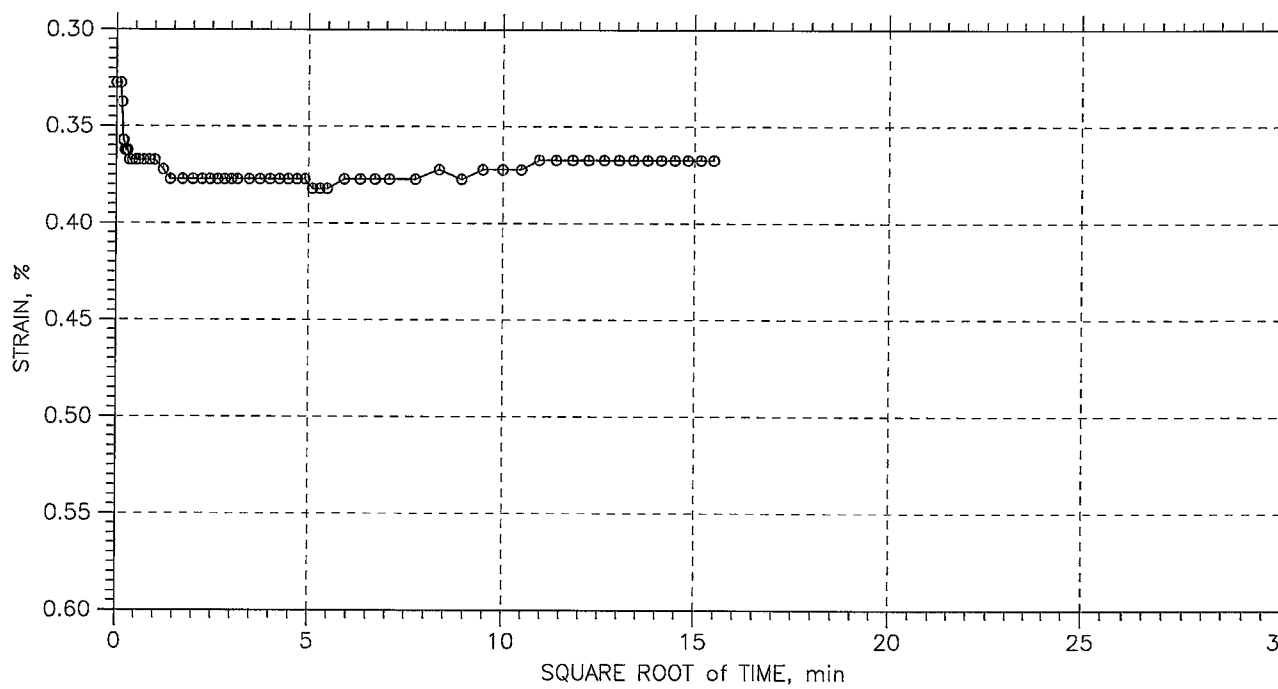
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

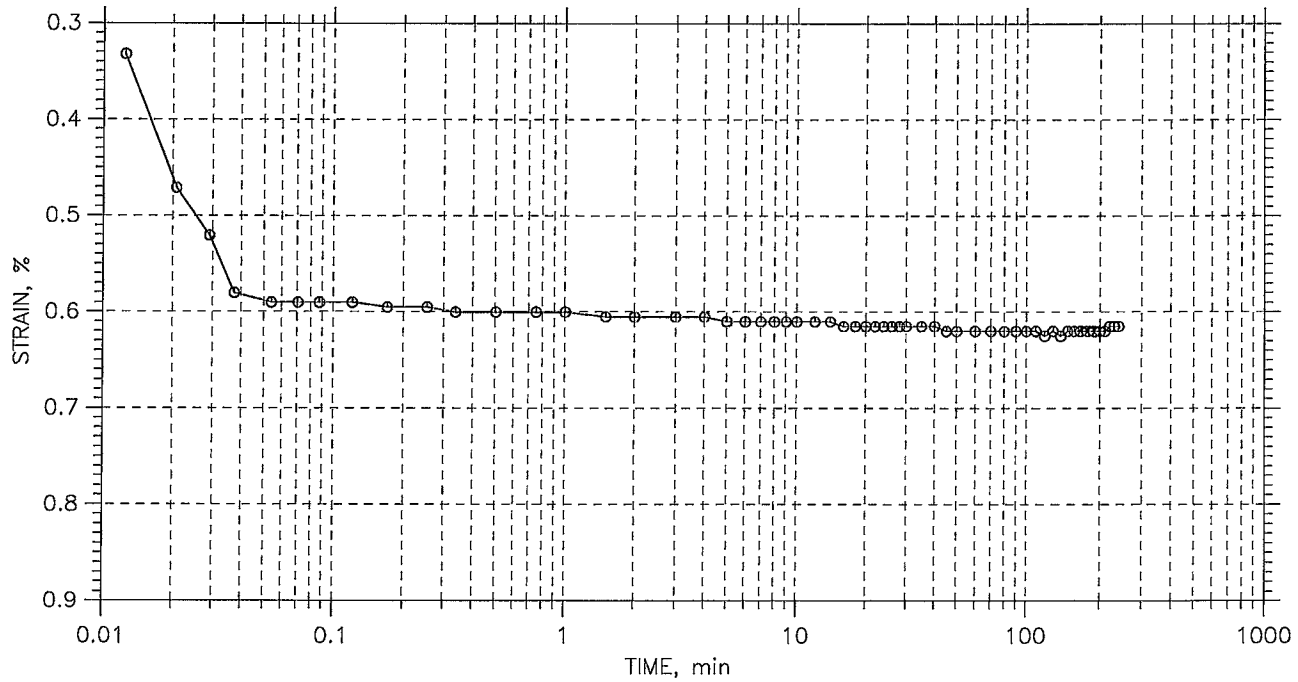
Wed, 04-APR-2007 09:19:35

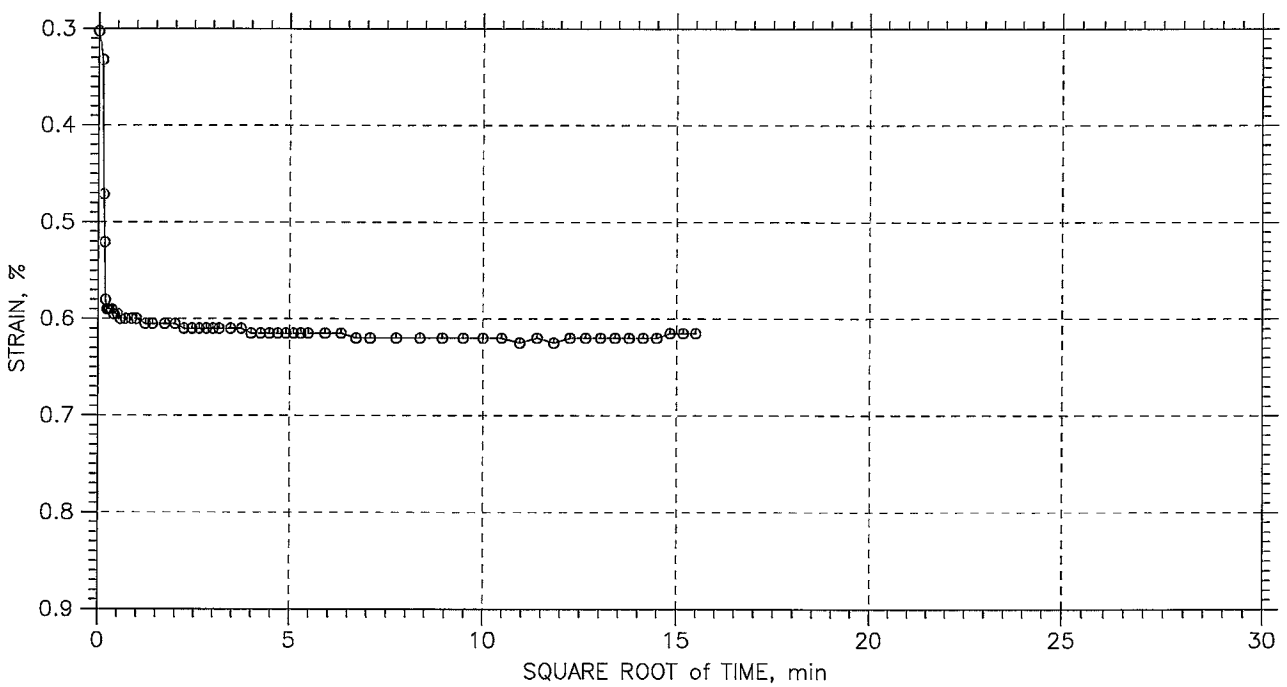
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

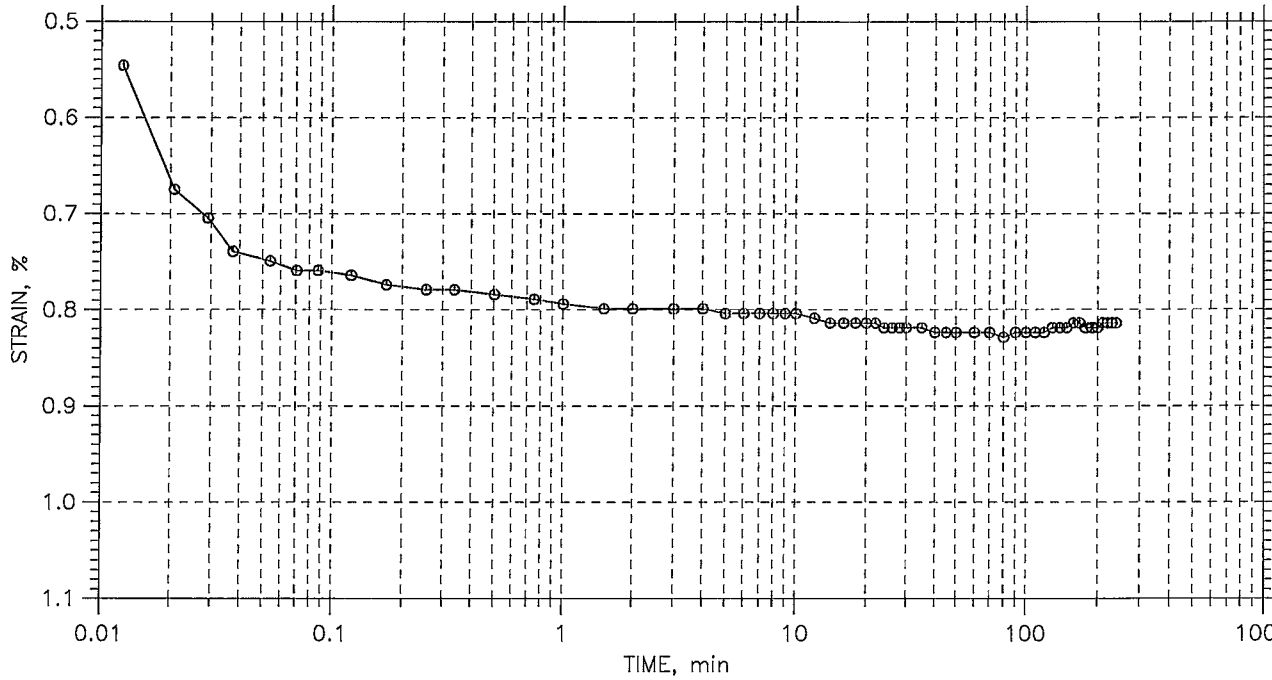
Wed, 04-APR-2007 09:18:31

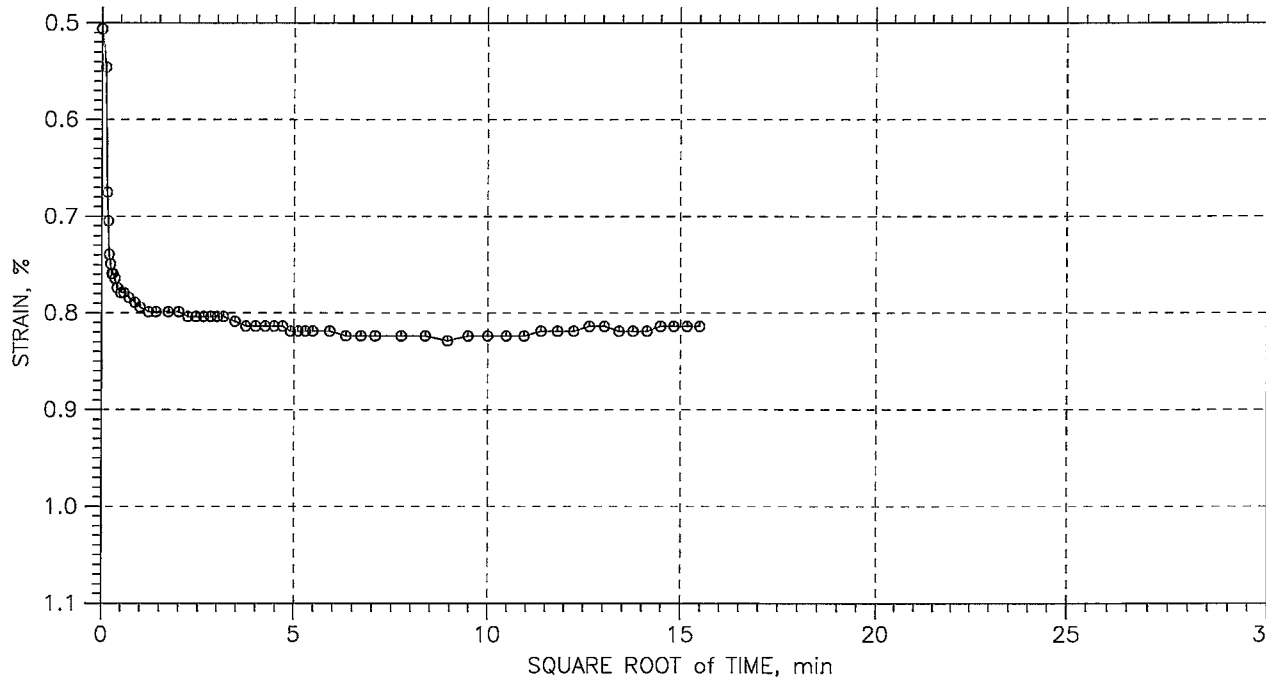
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

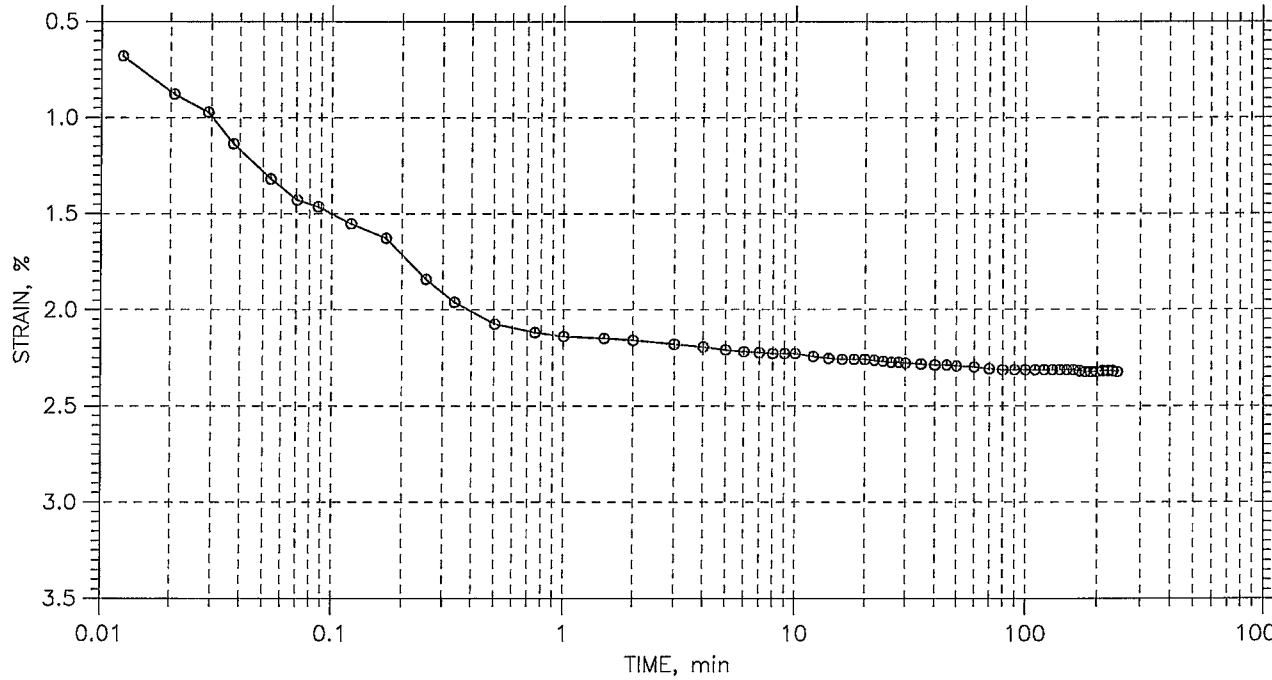
Wed, 04-APR-2007 09:18:33

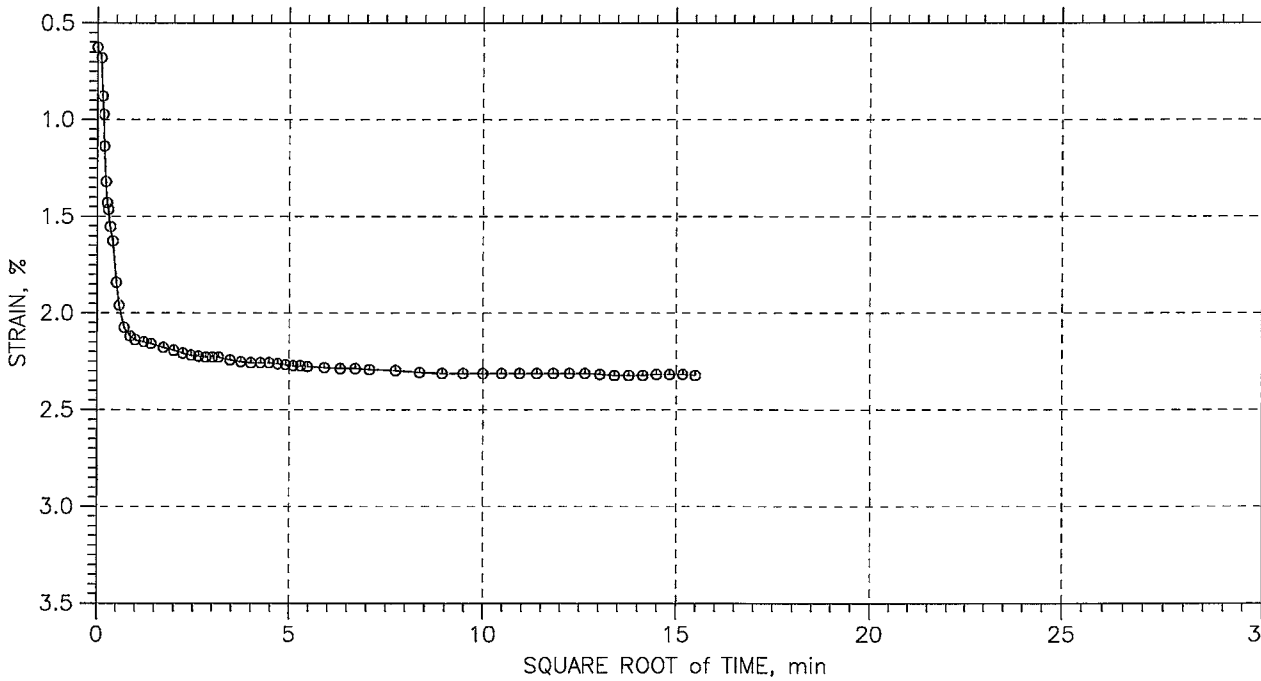
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

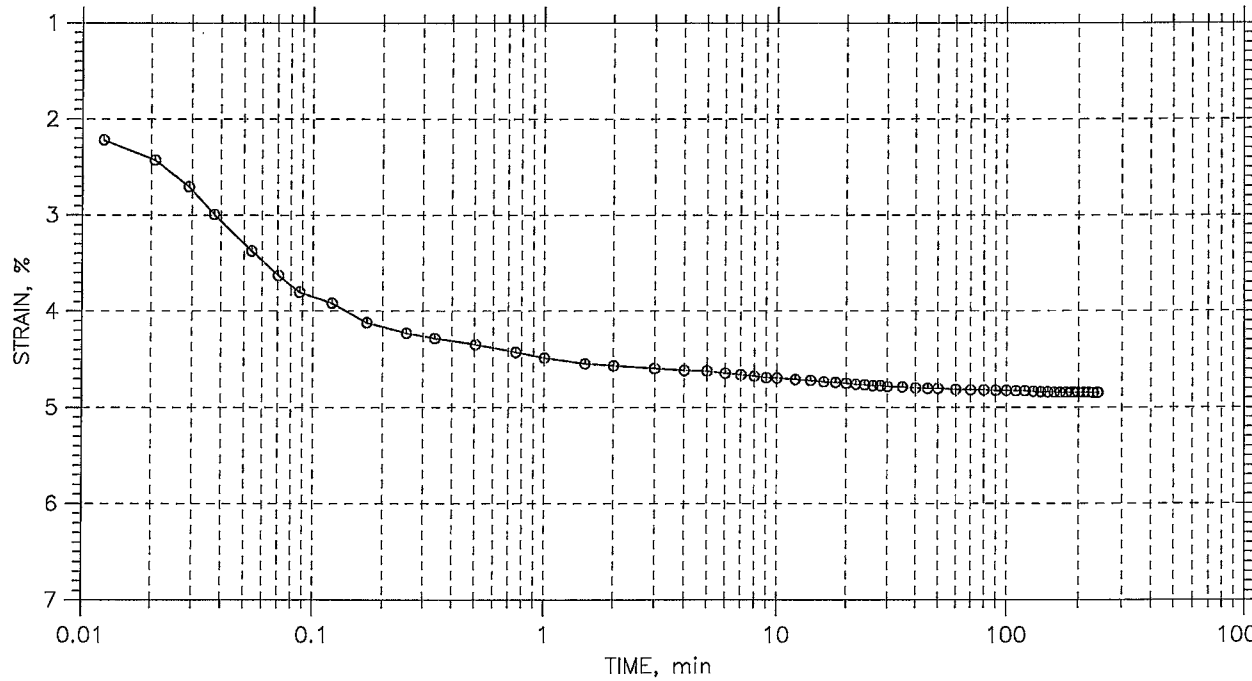
Wed, 04-APR-2007 09:18:37

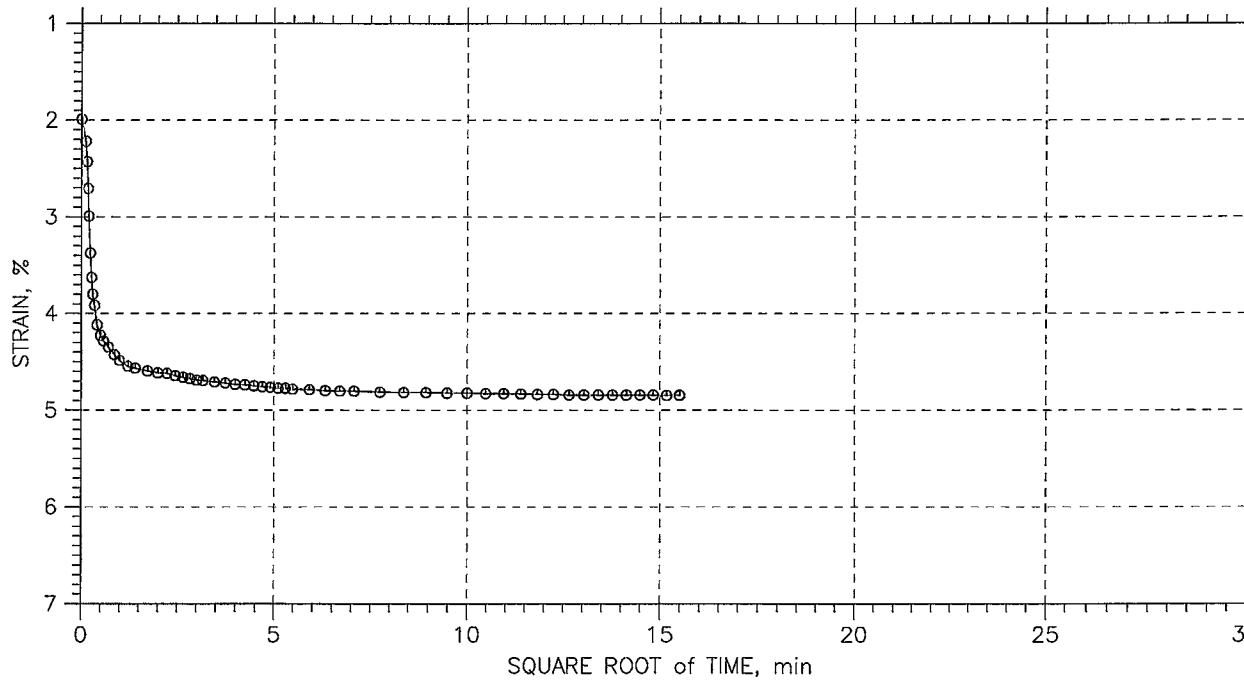
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

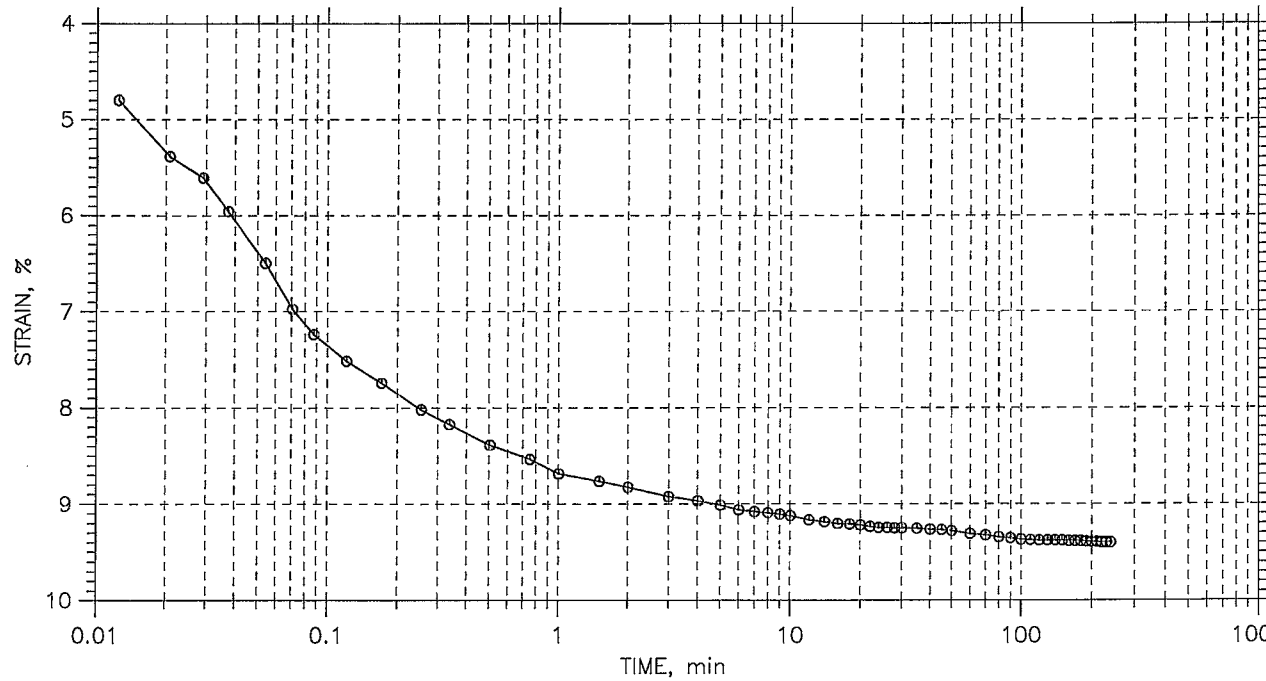
Wed, 04-APR-2007 09:18:39

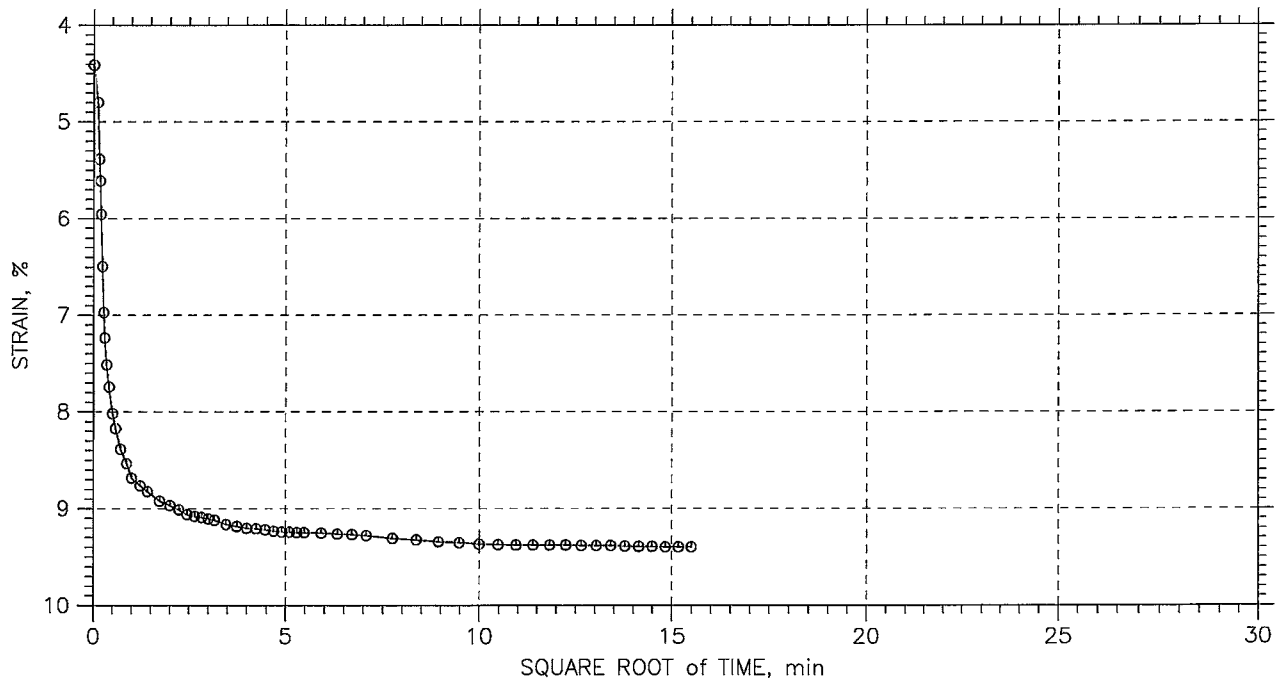
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

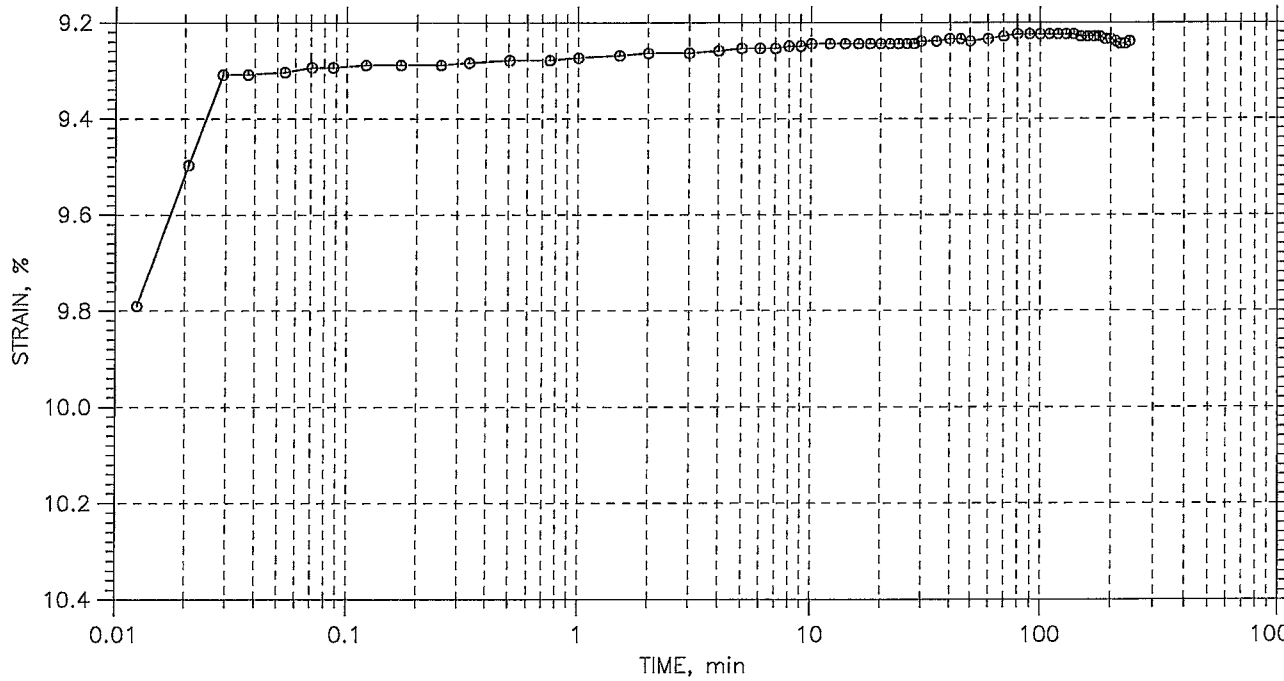
Wed, 04-APR-2007 09:18:41

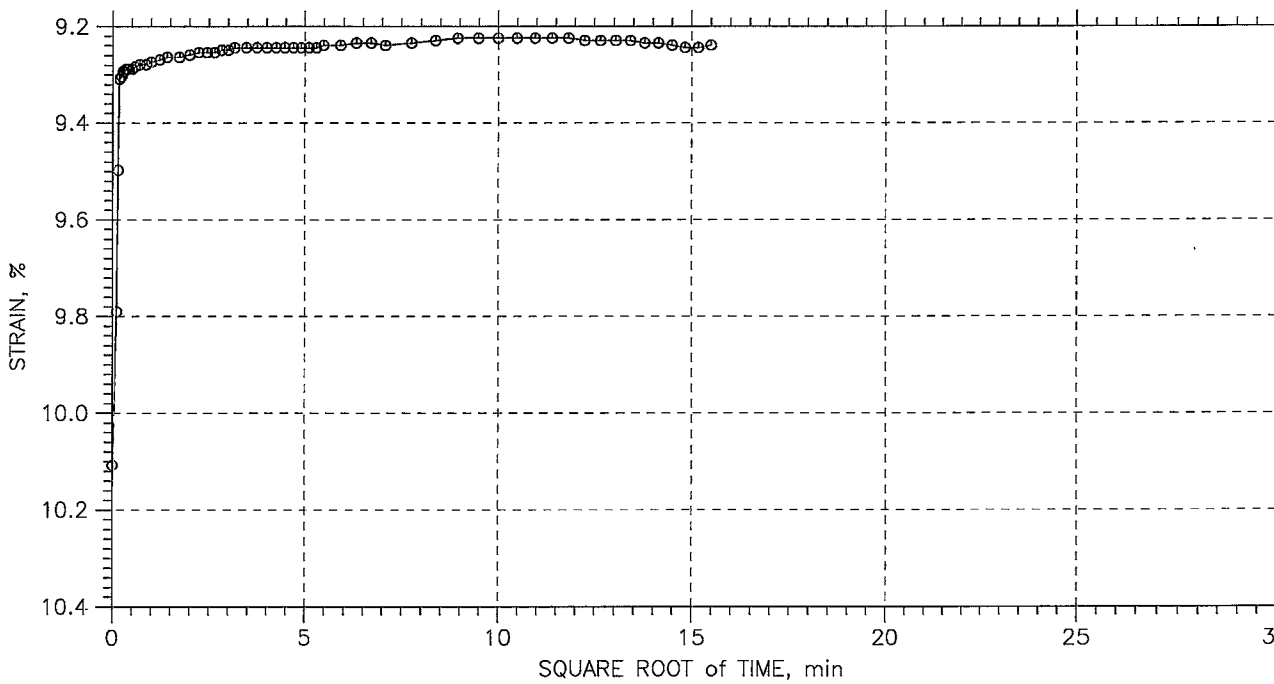
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

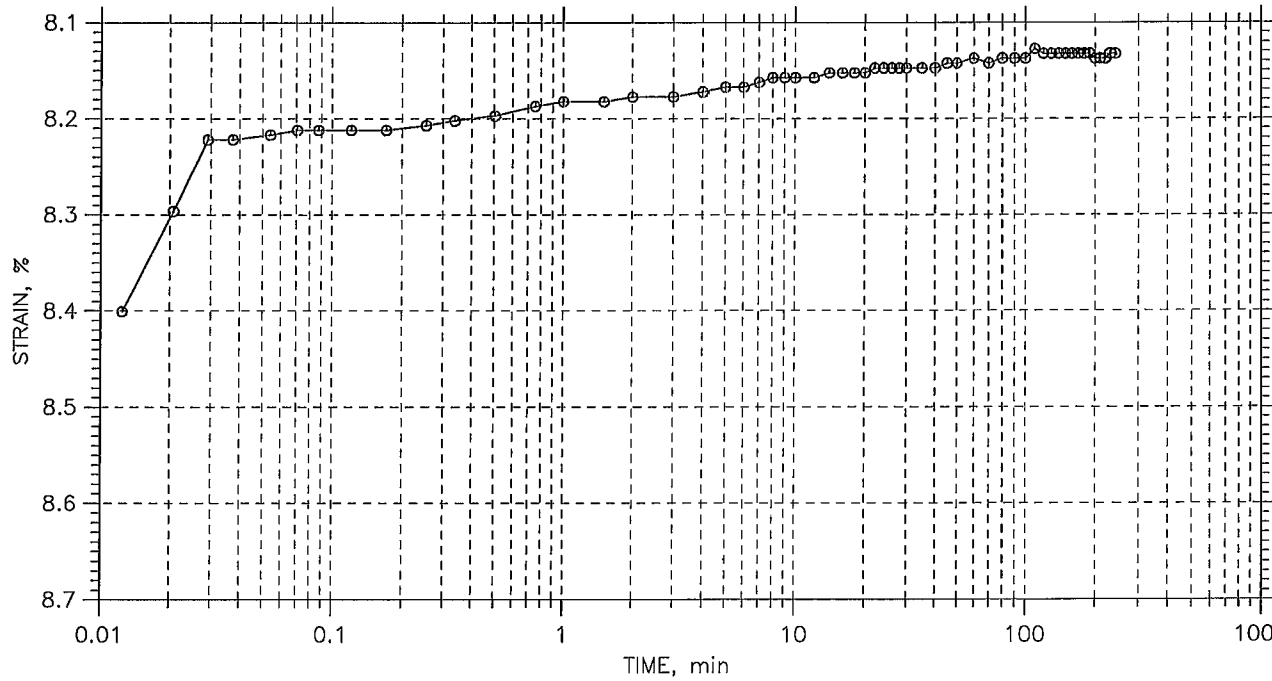
Wed, 04-APR-2007 09:18:44

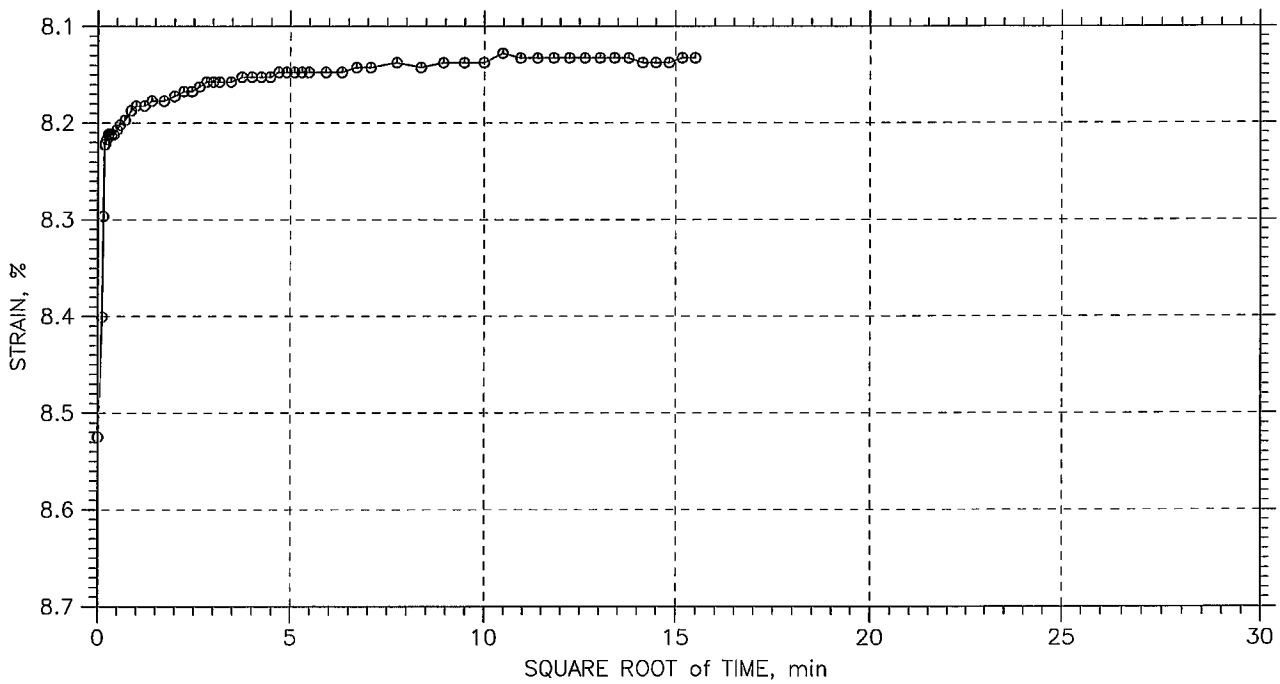
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

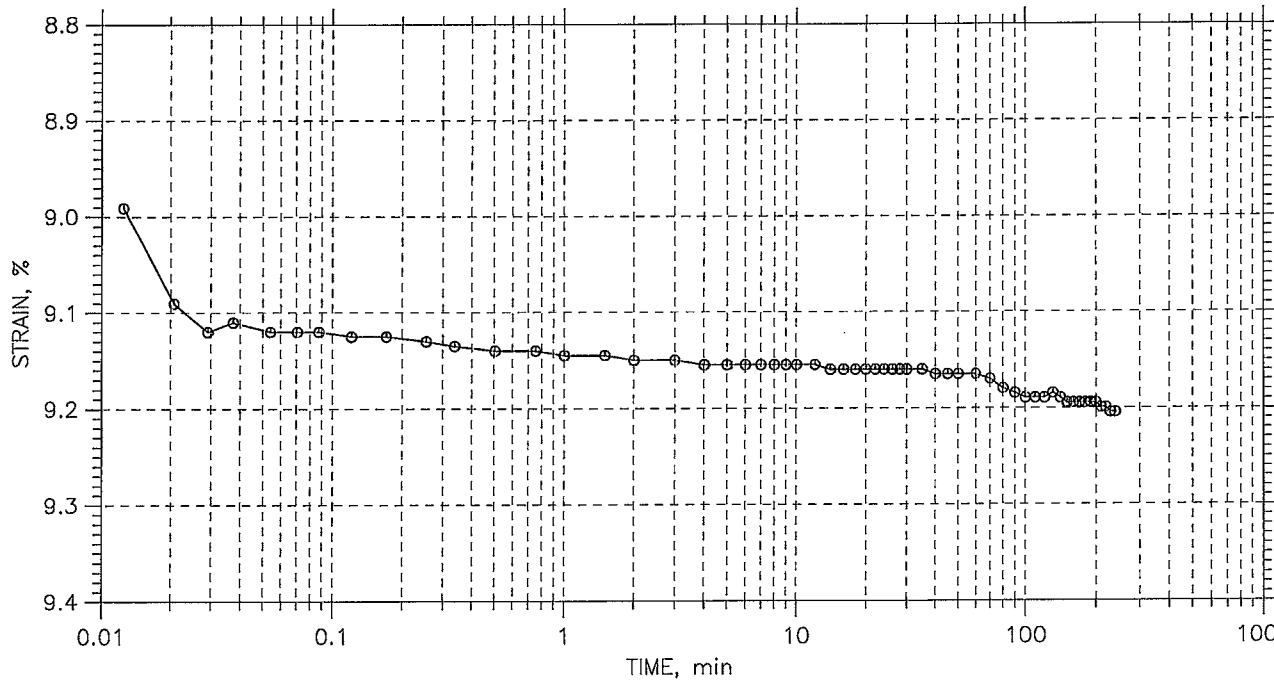
Wed, 04-APR-2007 09:18:47

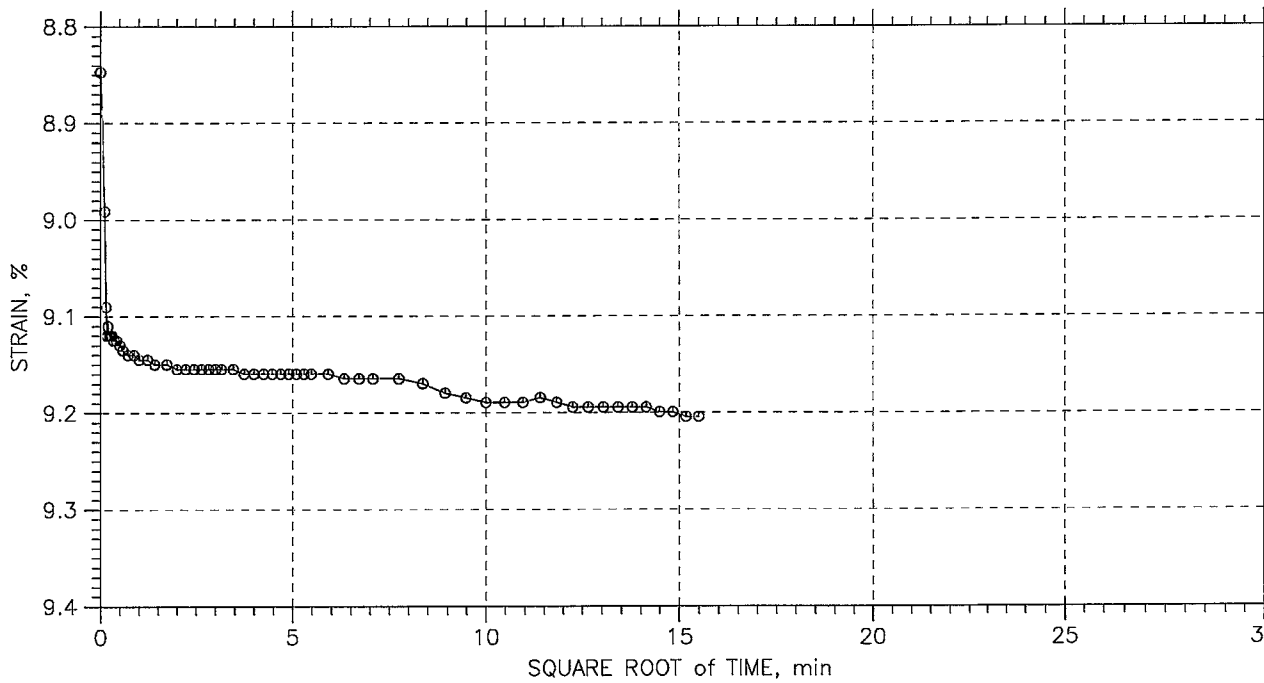
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

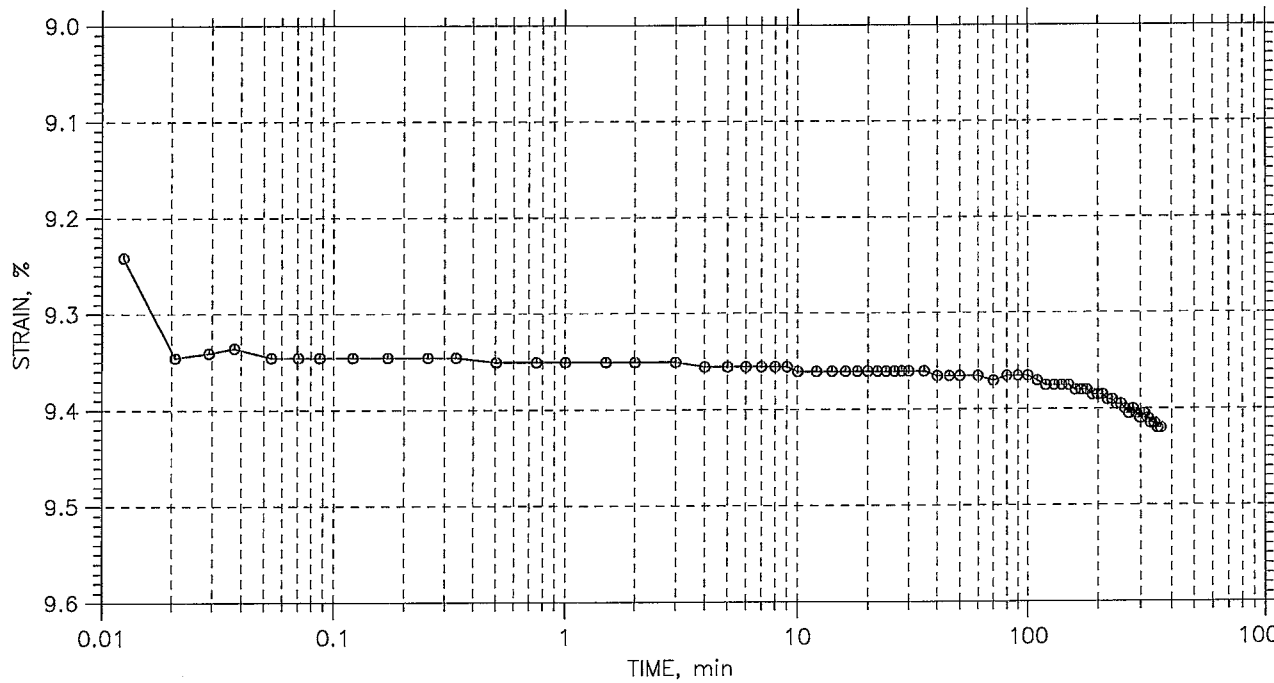
Wed, 04-APR-2007 09:18:50

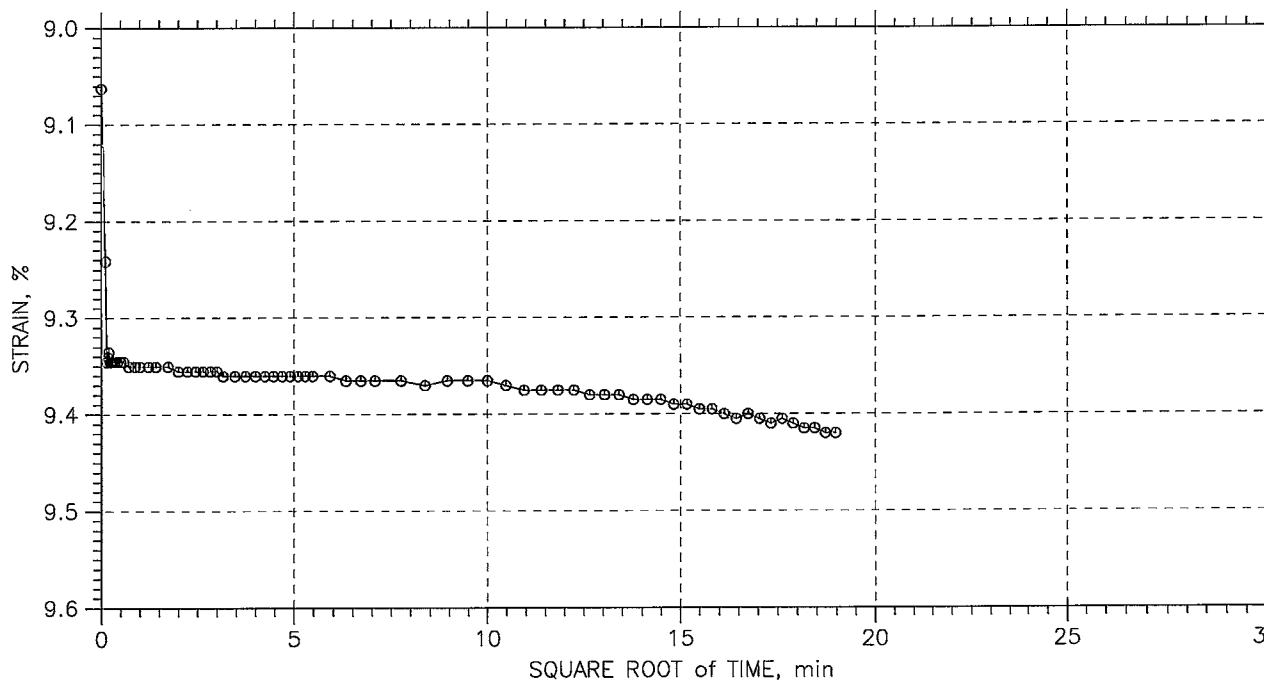
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

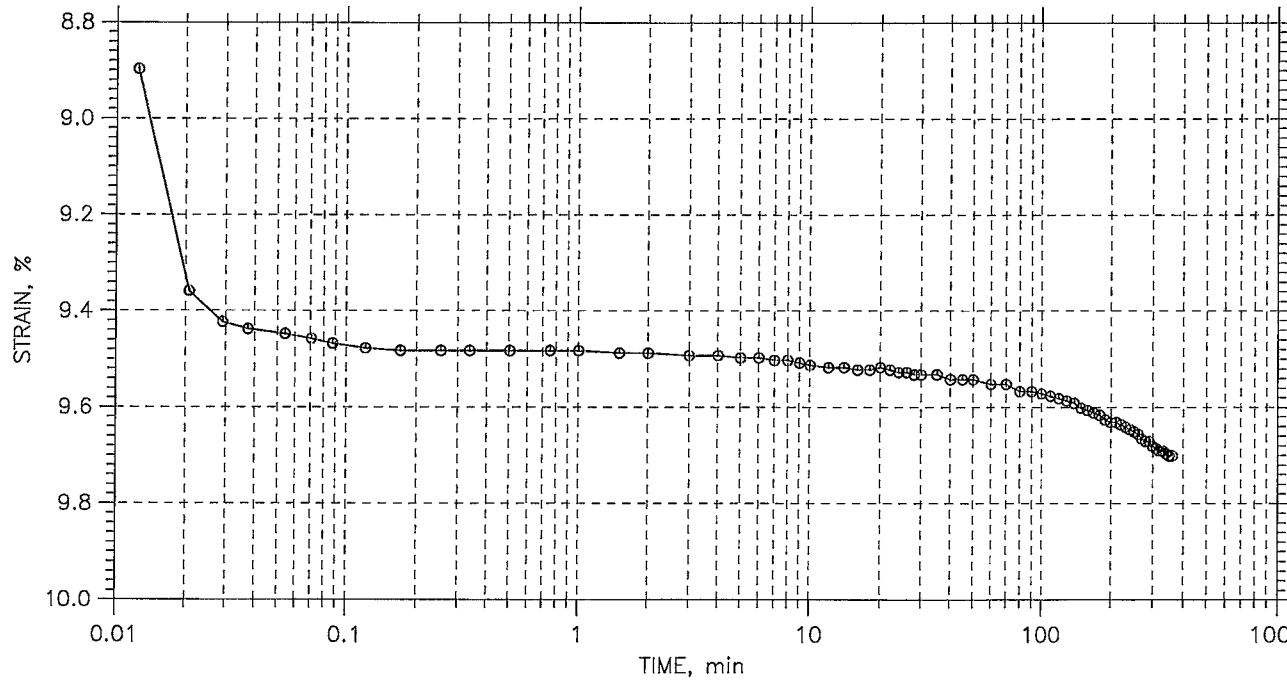
Wed, 04-APR-2007 09:18:52

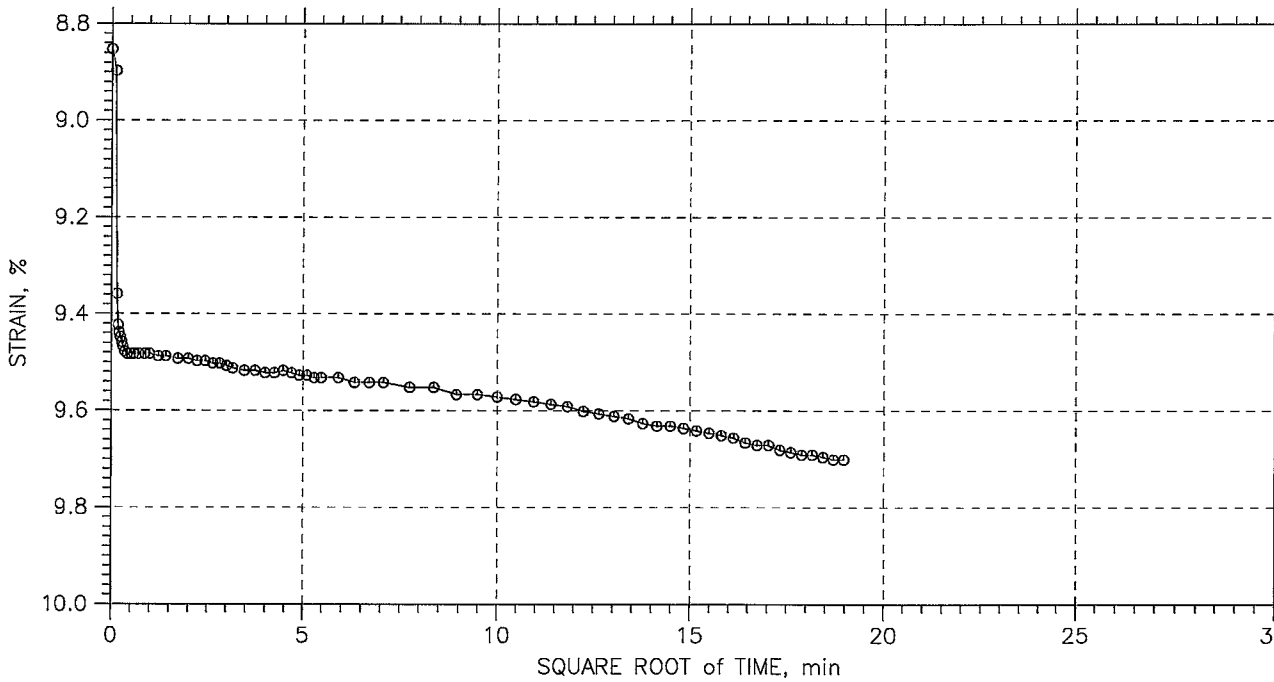
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



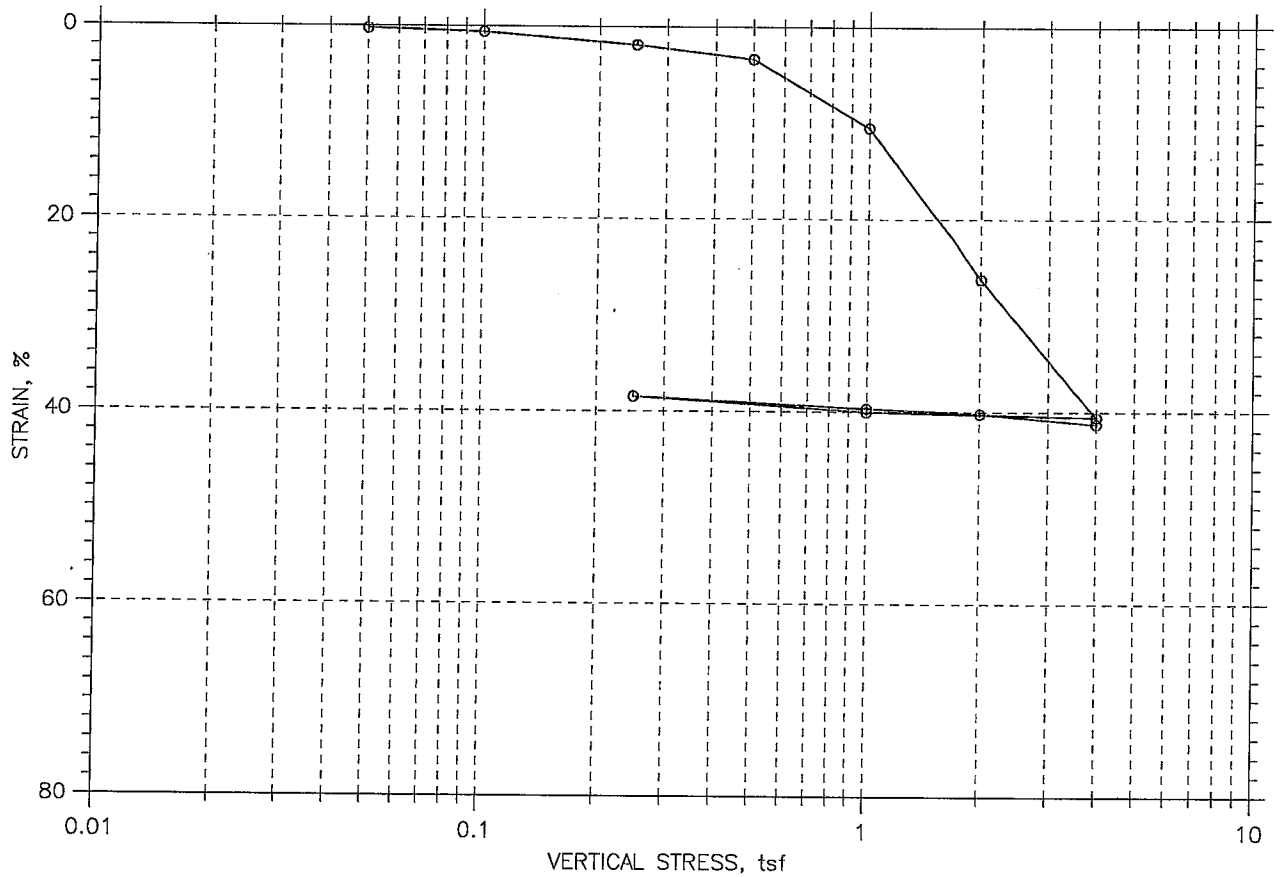


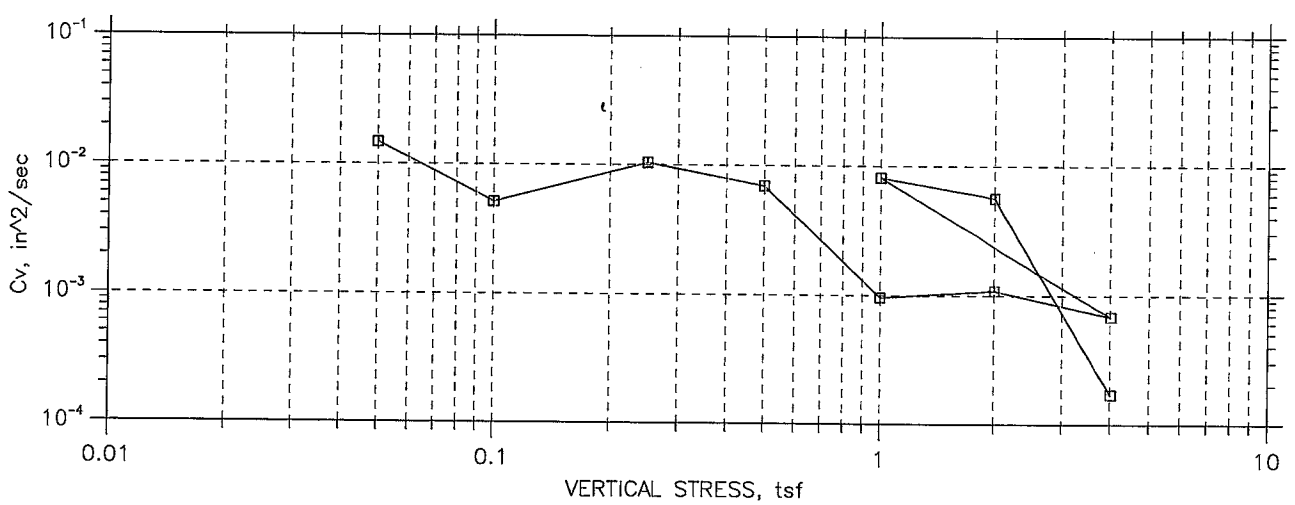
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-06	Tested By: md	Checked By: jdt
	Sample No.: 0298-14	Test Date: 02/28/07	Depth: 30-32 ft
	Test No.: C-7	Sample Type: tube	Elevation: ---
	Description: Moist, mottled bluish gray and light greenish gray silty gravel with sand		
	Remarks: System Q		

Wed, 04-APR-2007 09:18:54

CONSOLIDATION TEST DATA

SUMMARY REPORT



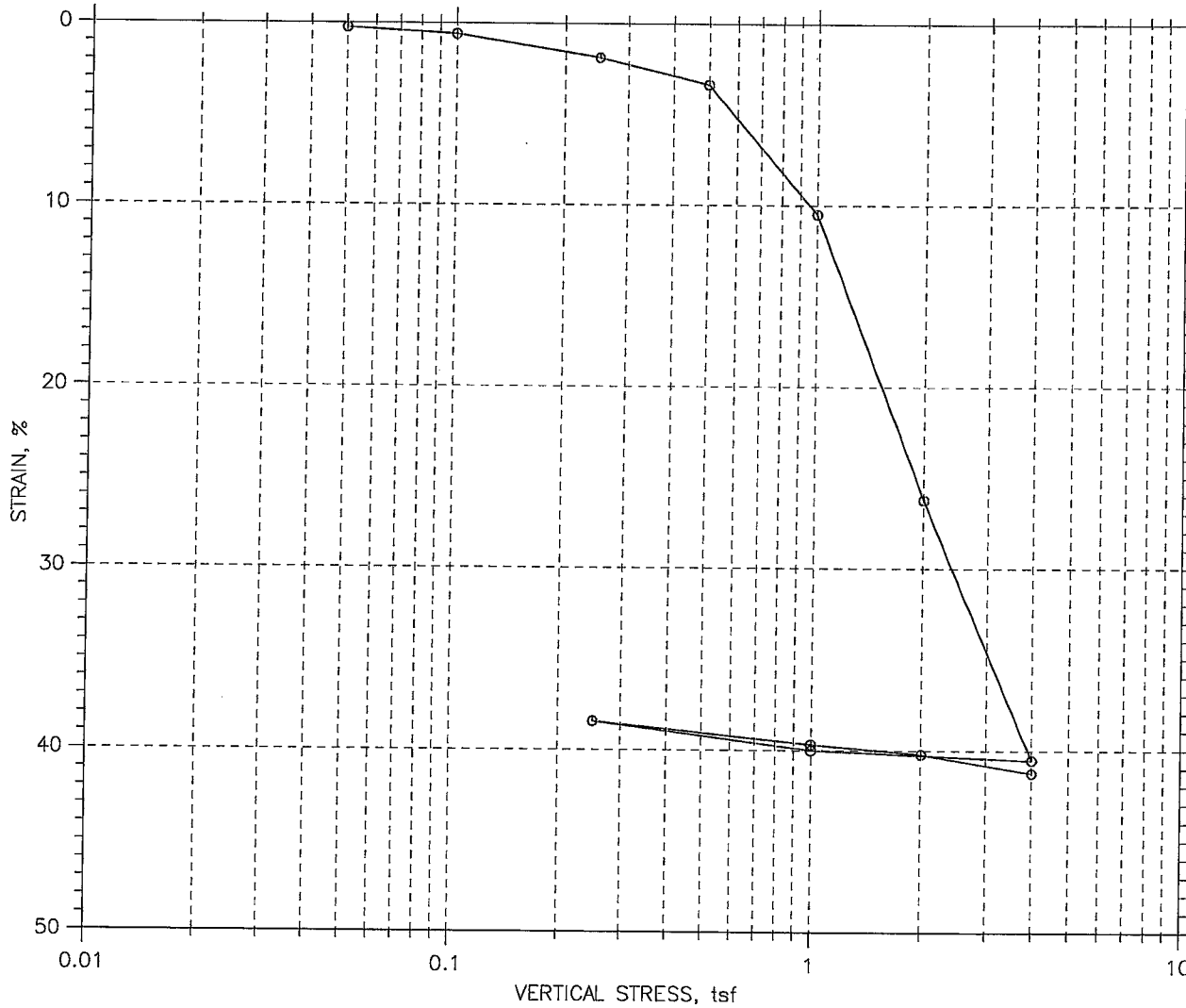


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

Mon, 09-APR-2007 12:13:06

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	405.72	234.07
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	13.36	22.74
Compression Index: ---				Saturation, %	95.07	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	10.54	5.78
LL: 120	PL: 93	PI: 27	GS: 2.47			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

Mon, 09-APR-2007 12:13:08

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-09
Sample No.: 0299-07
Test No.: C-11

Location: Syracuse, NY
Tested By: md
Test Date: 03/21/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, light gray sandy silt with gravel
Remarks: System R

Measured Specific Gravity: 2.47
Initial Void Ratio: 10.54
Final Void Ratio: 5.78

Liquid Limit: 120
Plastic Limit: 93
Plasticity Index: 27

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	21	RING		1587
Wt. Container + Wet Soil, gm	171.58	303.48	273.93	67.35
Wt. Container + Dry Soil, gm	48.52	233.64	233.64	25.85
Wt. Container, gm	8.42	216.42	216.42	8.12
Wt. Dry Soil, gm	40.1	17.215	17.215	17.73
Water Content, %	306.88	405.72	234.07	234.07
Void Ratio	---	10.54	5.78	---
Degree of Saturation, %	---	95.07	100.00	---
Dry Unit Weight, pcf	---	13.36	22.737	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-09
Sample No.: 0299-07
Test No.: C-11

Location: Syracuse, NY
Tested By: md
Test Date: 03/21/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, light gray sandy silt with gravel
Remarks: System R

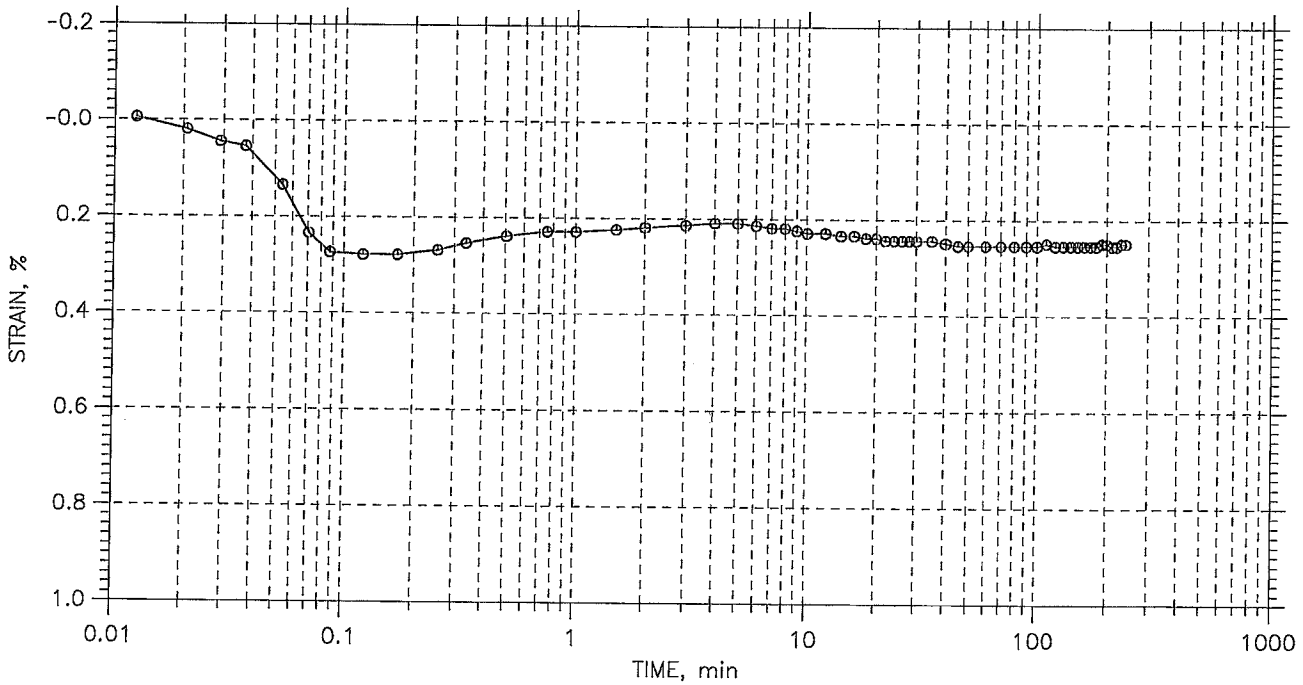
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.002487	10.513	0.25	0.1	0.0	1.48e-002	0.00e+000	1.48e-002
2	0.1	0.006023	10.472	0.60	0.3	0.1	3.14e-003	1.44e-002	5.15e-003
3	0.25	0.01882	10.324	1.88	0.1	0.1	9.82e-003	1.11e-002	1.04e-002
4	0.5	0.03365	10.153	3.36	0.2	0.1	4.62e-003	1.40e-002	6.96e-003
5	1	0.1049	9.331	10.49	1.1	0.4	6.67e-004	1.71e-003	9.60e-004
6	2	0.2621	7.516	26.21	0.6	0.5	9.95e-004	1.20e-003	1.09e-003
7	4	0.4053	5.864	40.53	0.6	0.5	6.28e-004	7.52e-004	6.85e-004
8	1	0.4002	5.923	40.02	0.0	0.0	1.63e-002	0.00e+000	1.63e-002
9	0.25	0.3844	6.105	38.44	0.5	0.0	6.23e-004	0.00e+000	6.23e-004
10	1	0.3968	5.962	39.68	0.0	0.0	8.14e-003	0.00e+000	8.14e-003
11	2	0.4021	5.901	40.21	0.1	0.0	5.66e-003	0.00e+000	5.66e-003
12	4	0.4124	5.782	41.24	1.7	0.0	1.71e-004	0.00e+000	1.71e-004

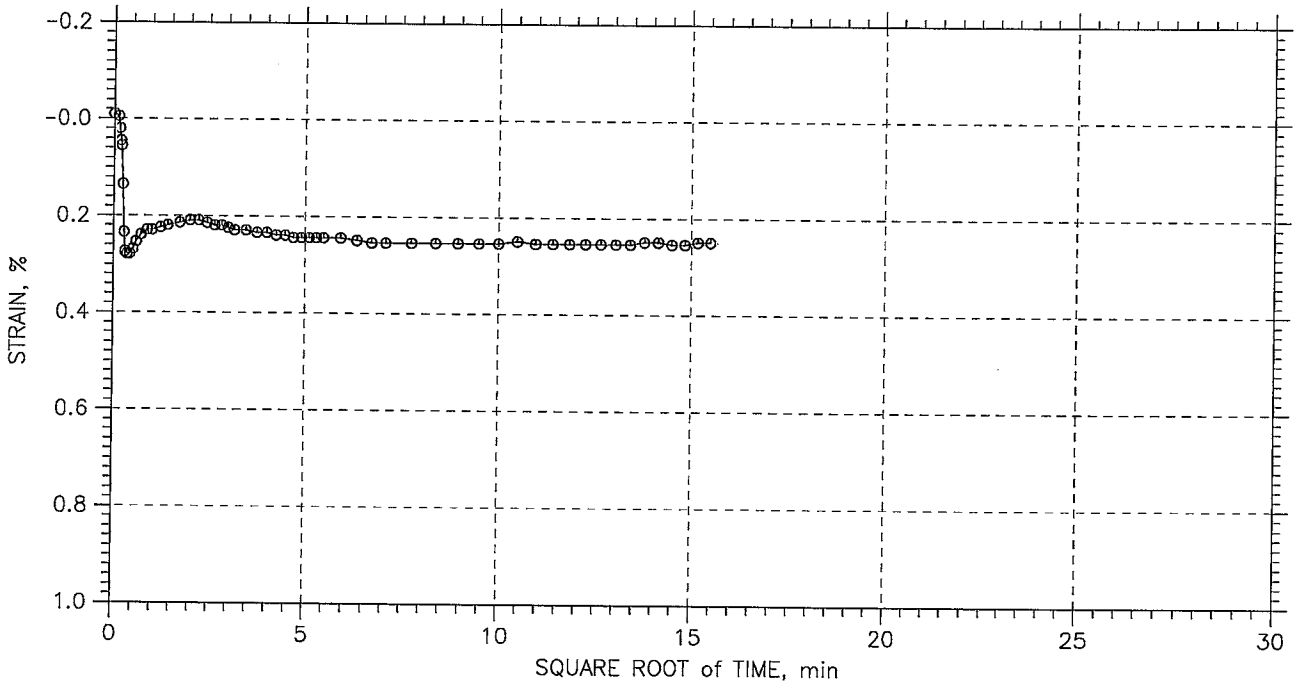
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

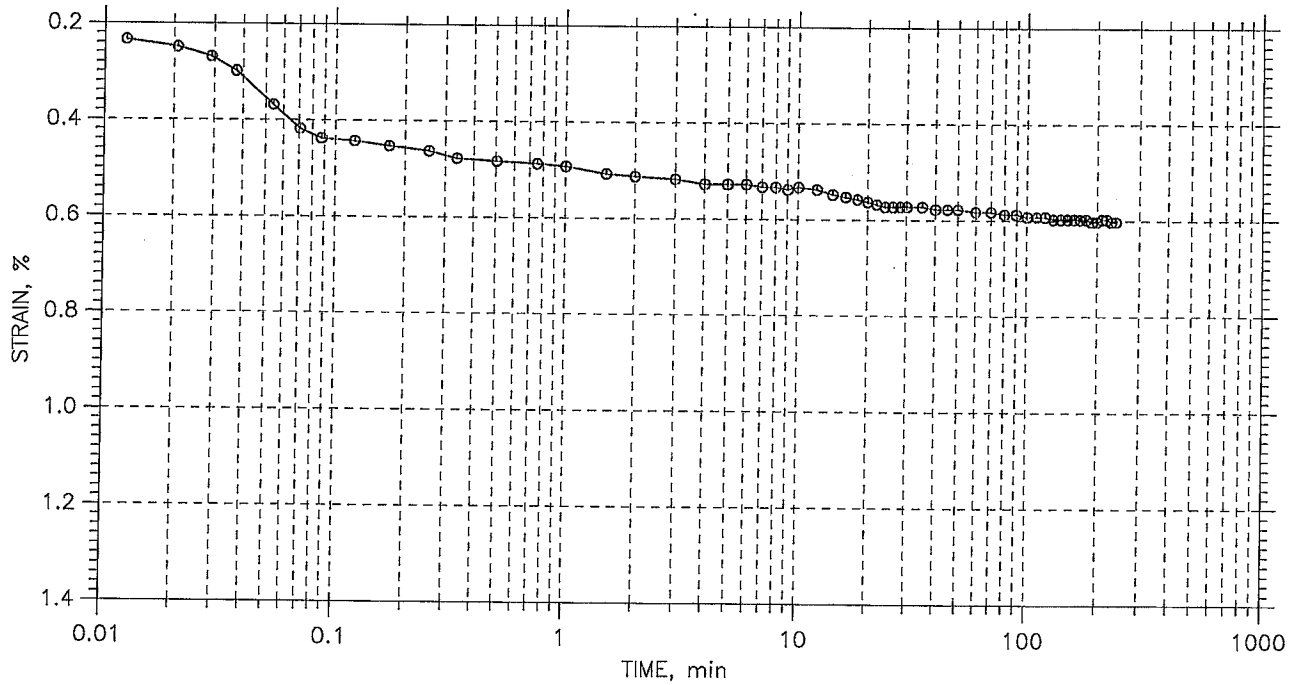
Mon, 09-APR-2007 12:12:47

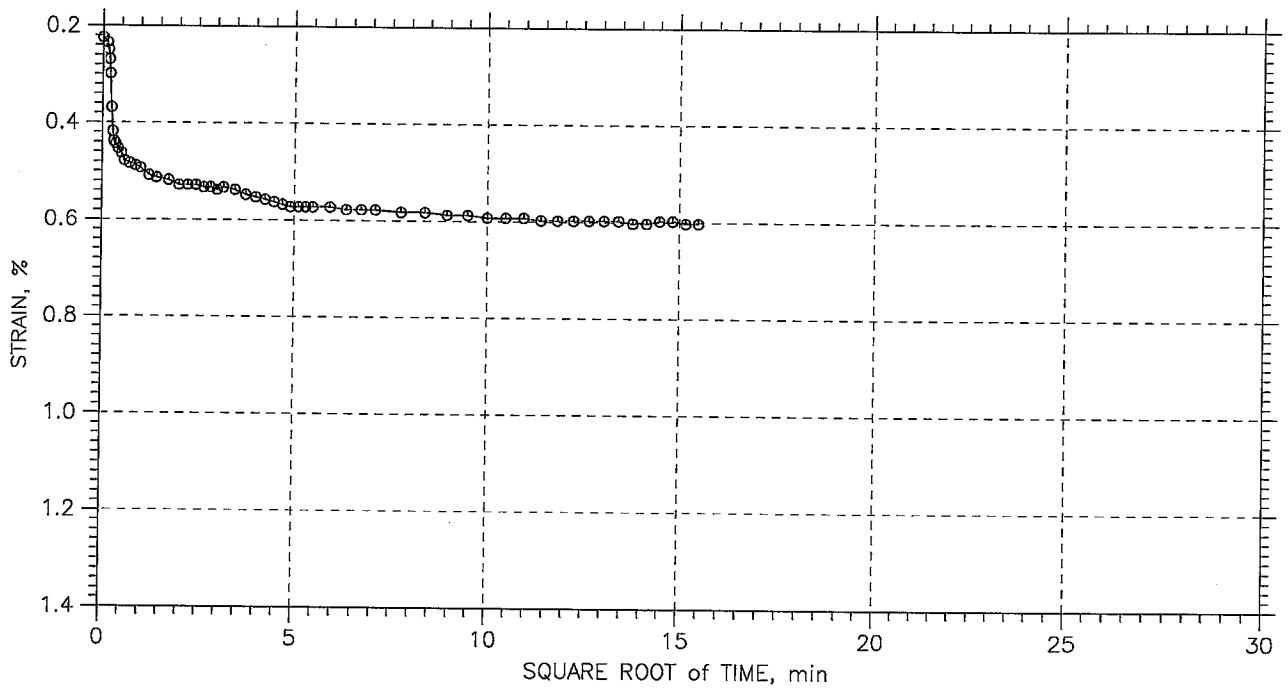
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

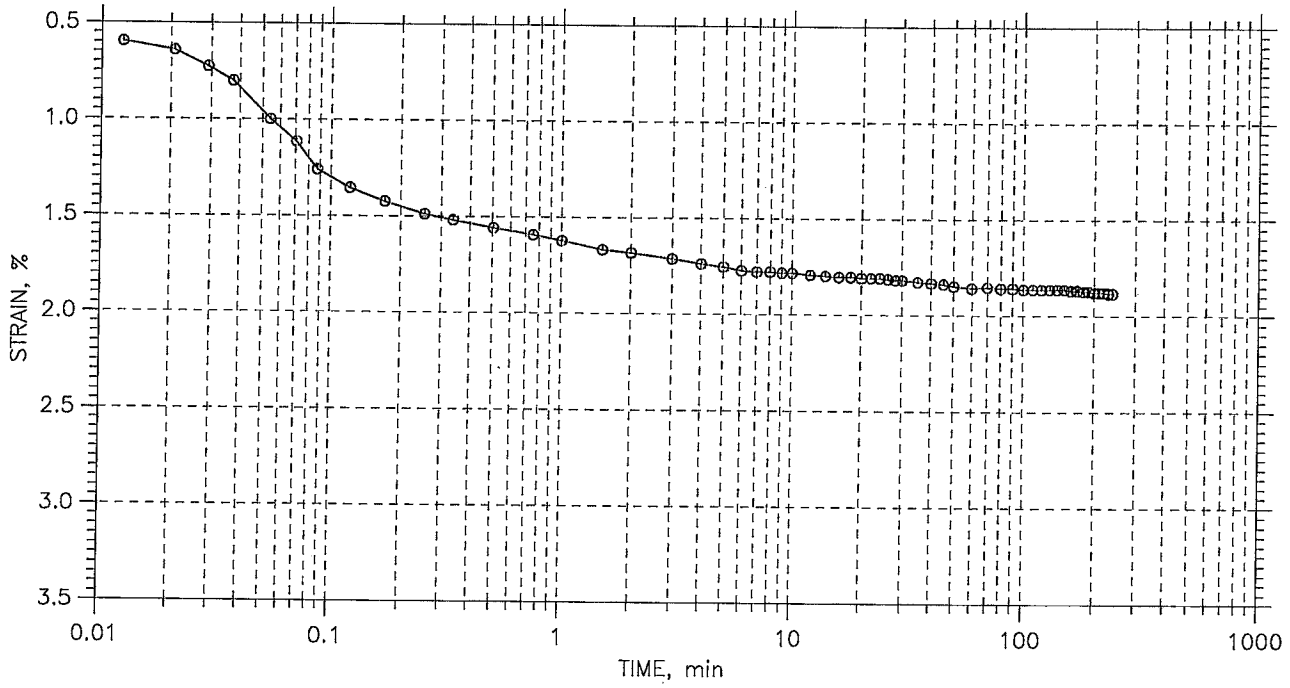
Mon, 09-APR-2007 12:12:56

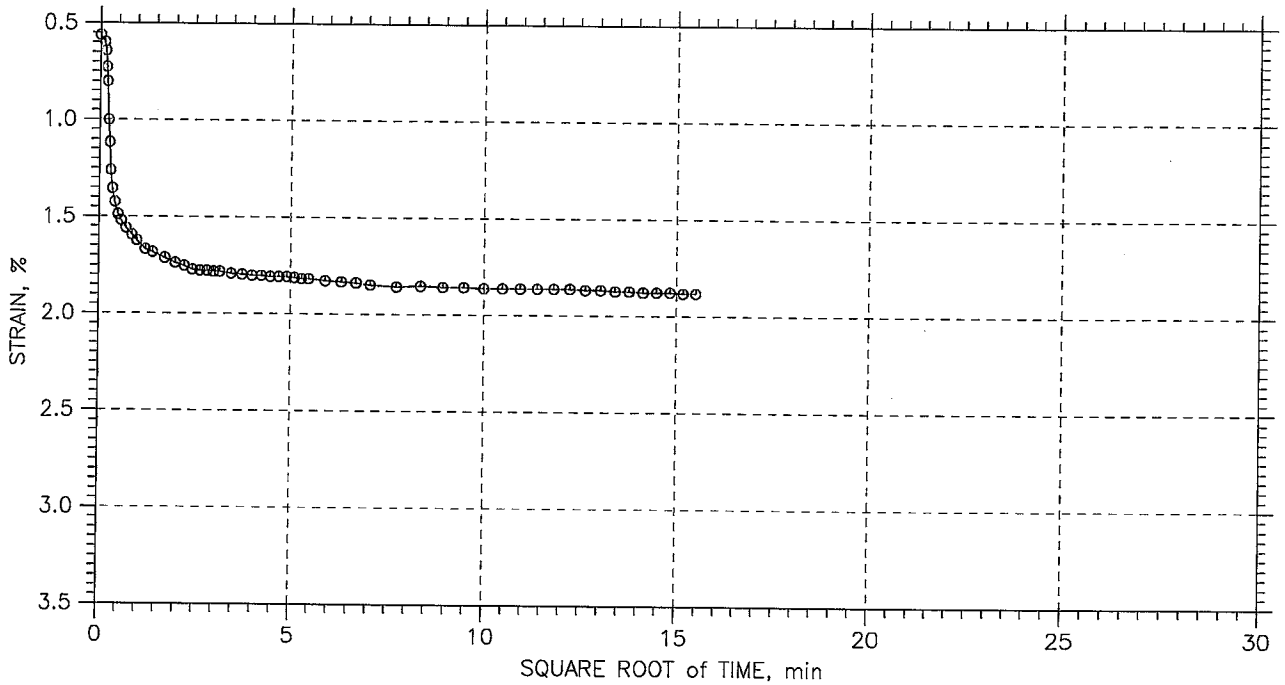
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

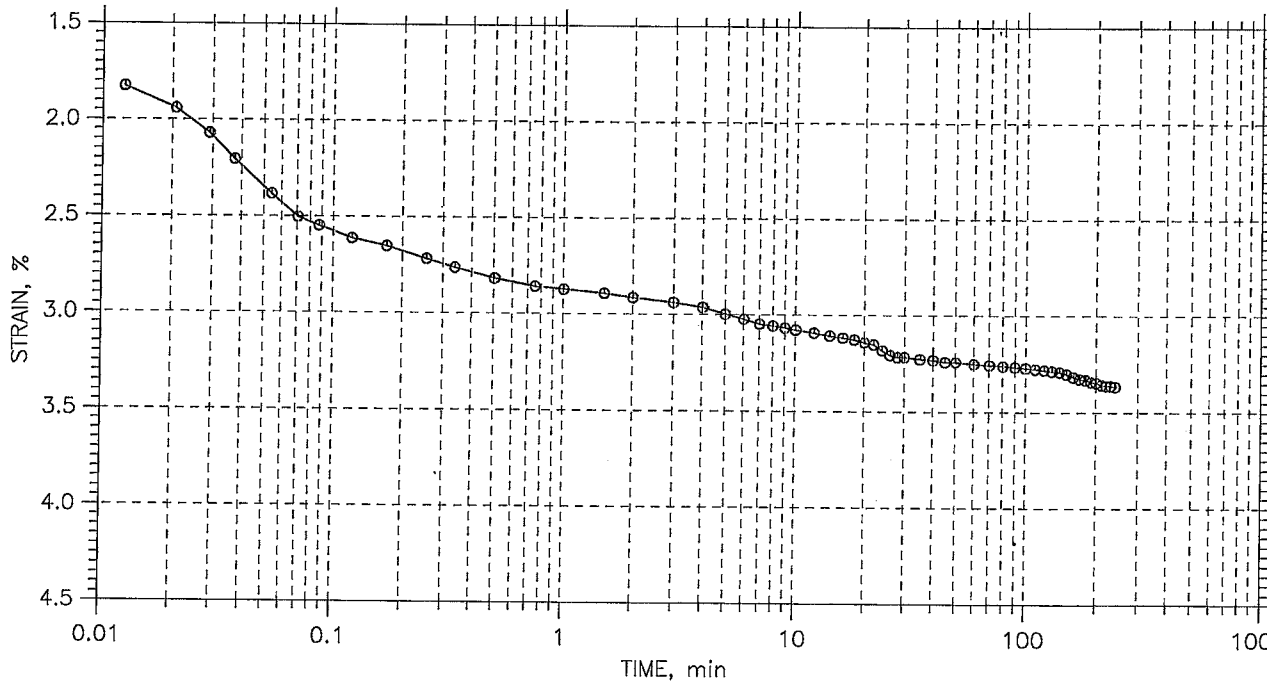
Mon, 09-APR-2007 12:13:15

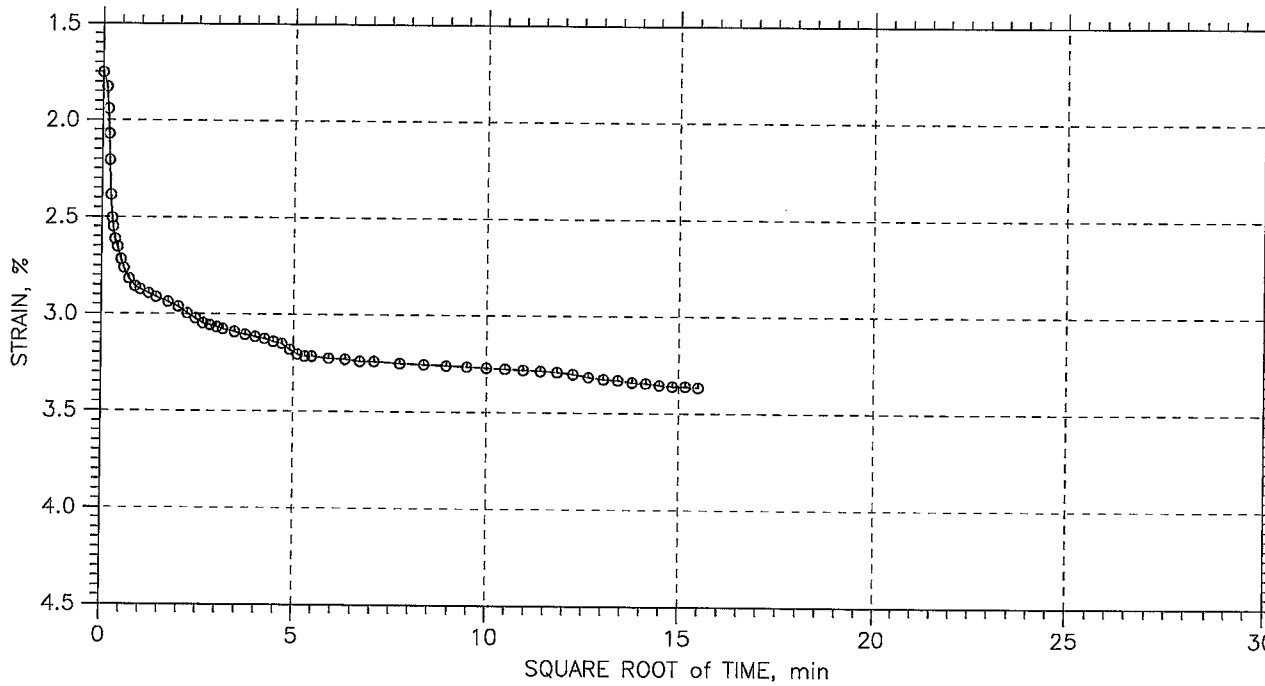
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

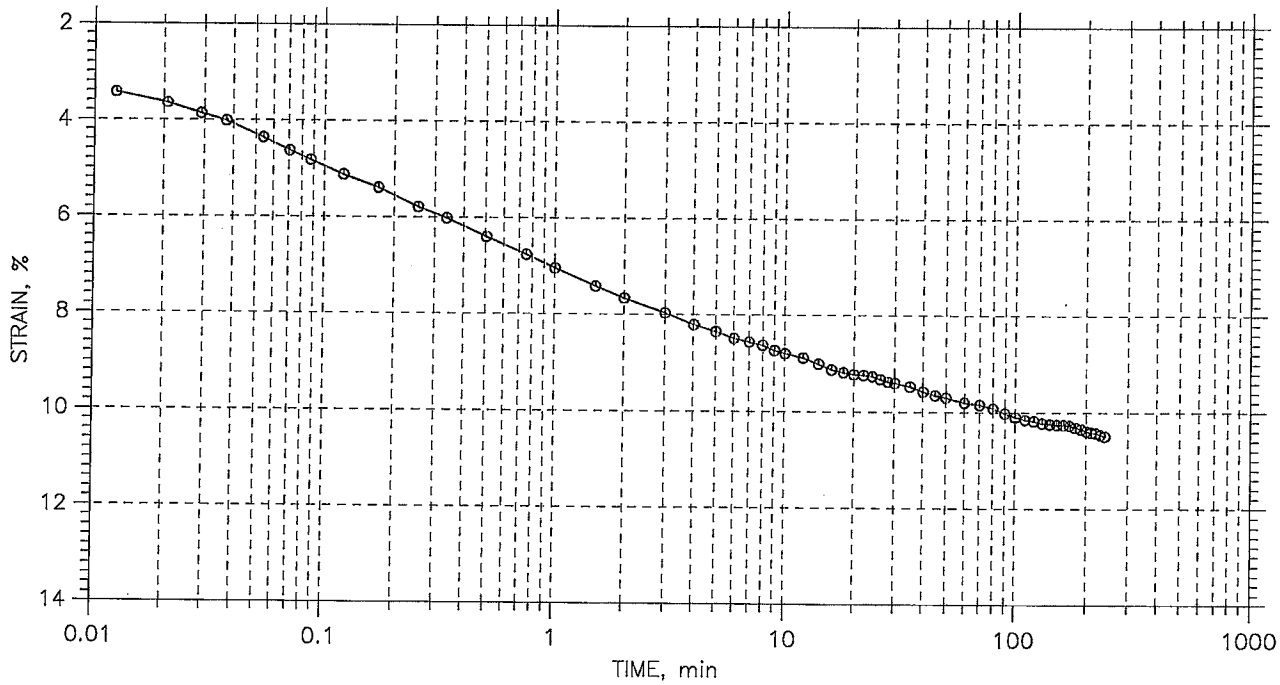
Mon, 09-APR-2007 12:13:18

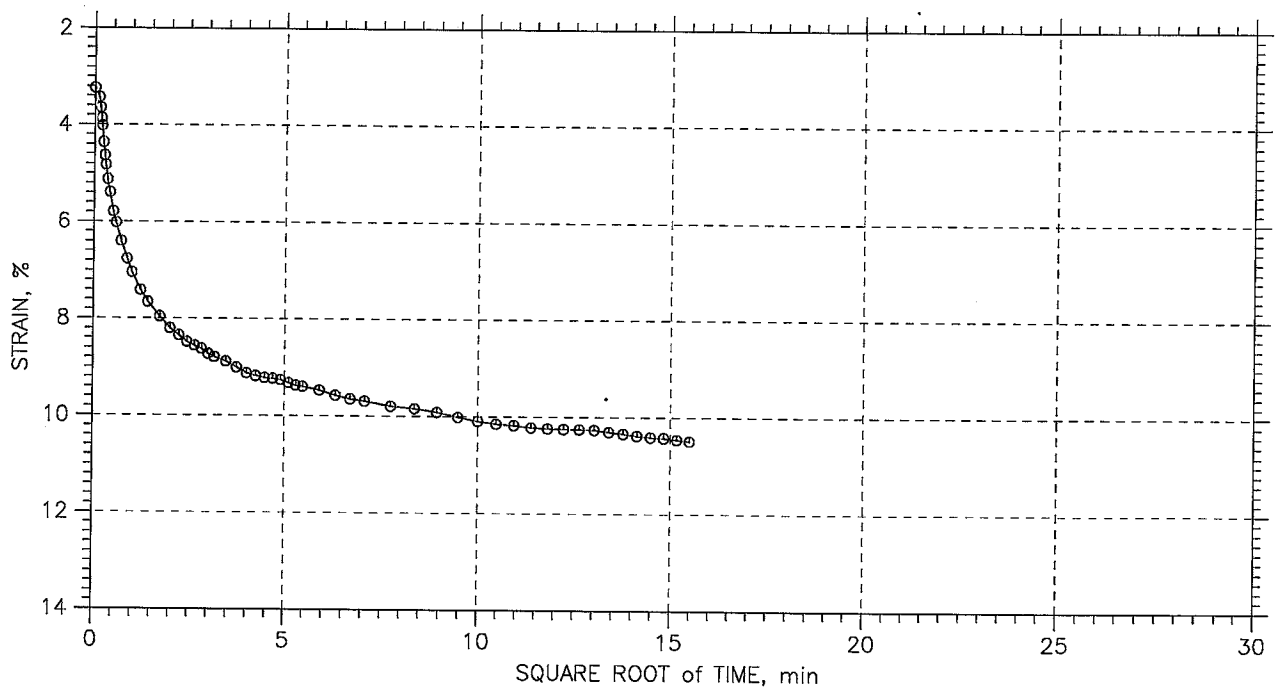
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

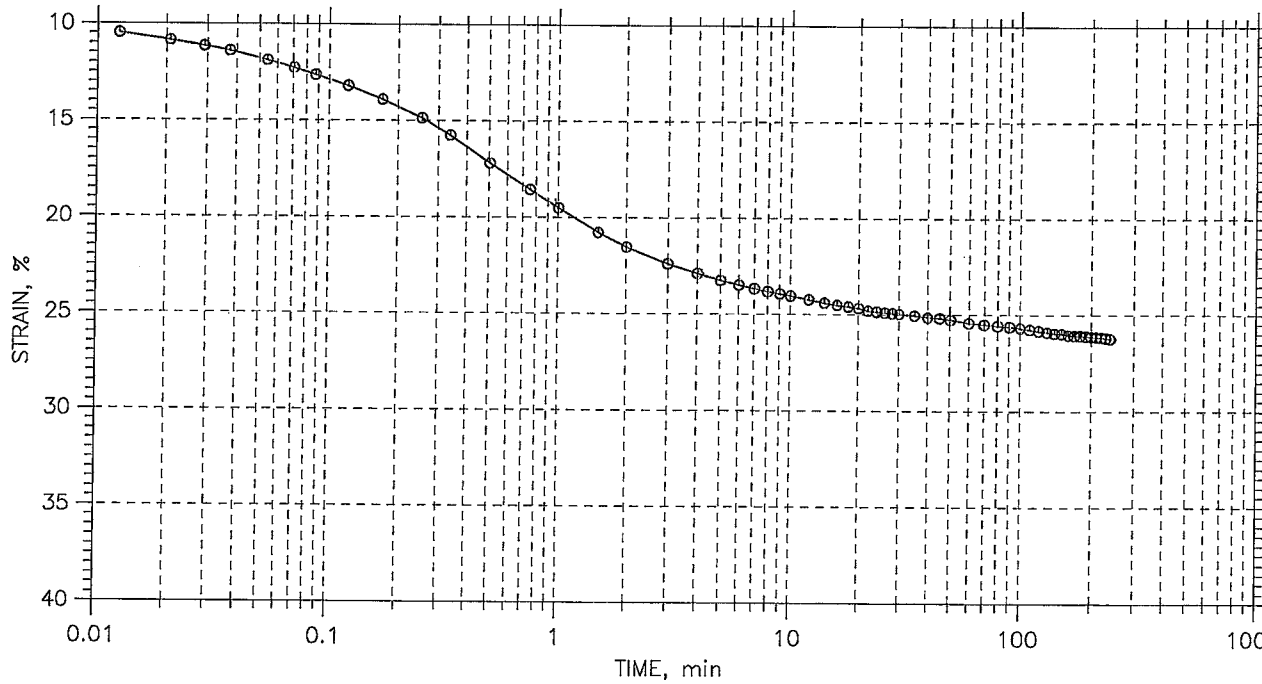
Mon, 09-APR-2007 12:13:21

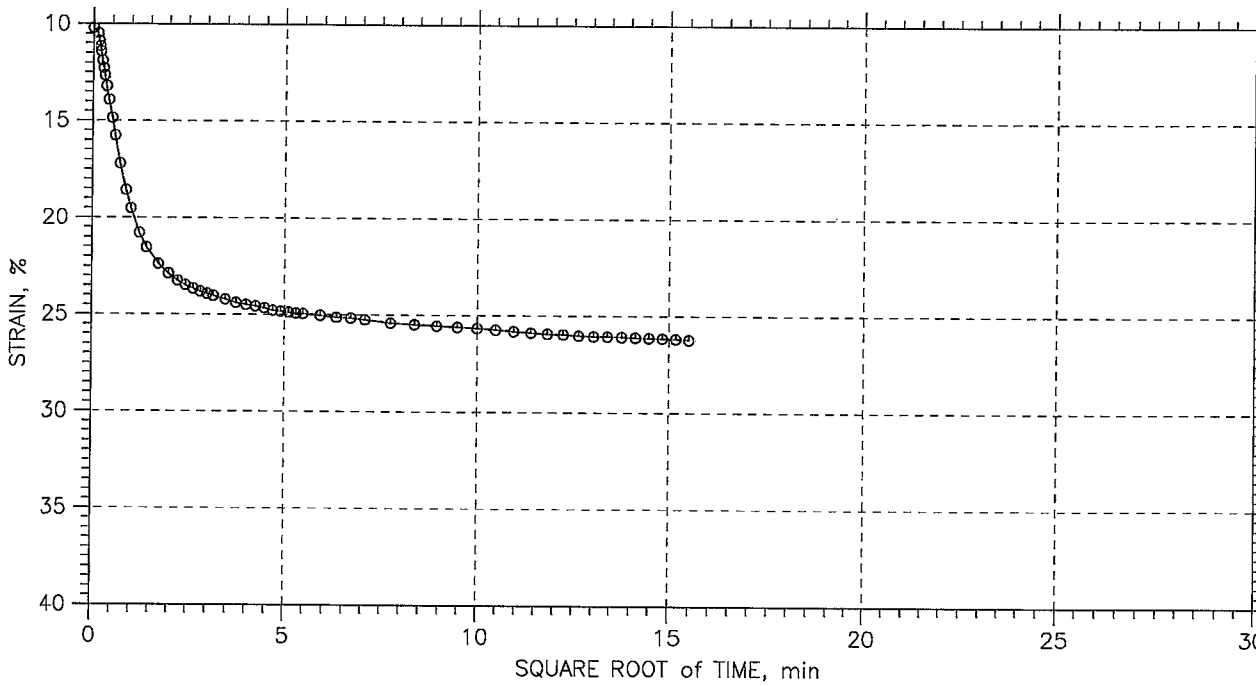
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

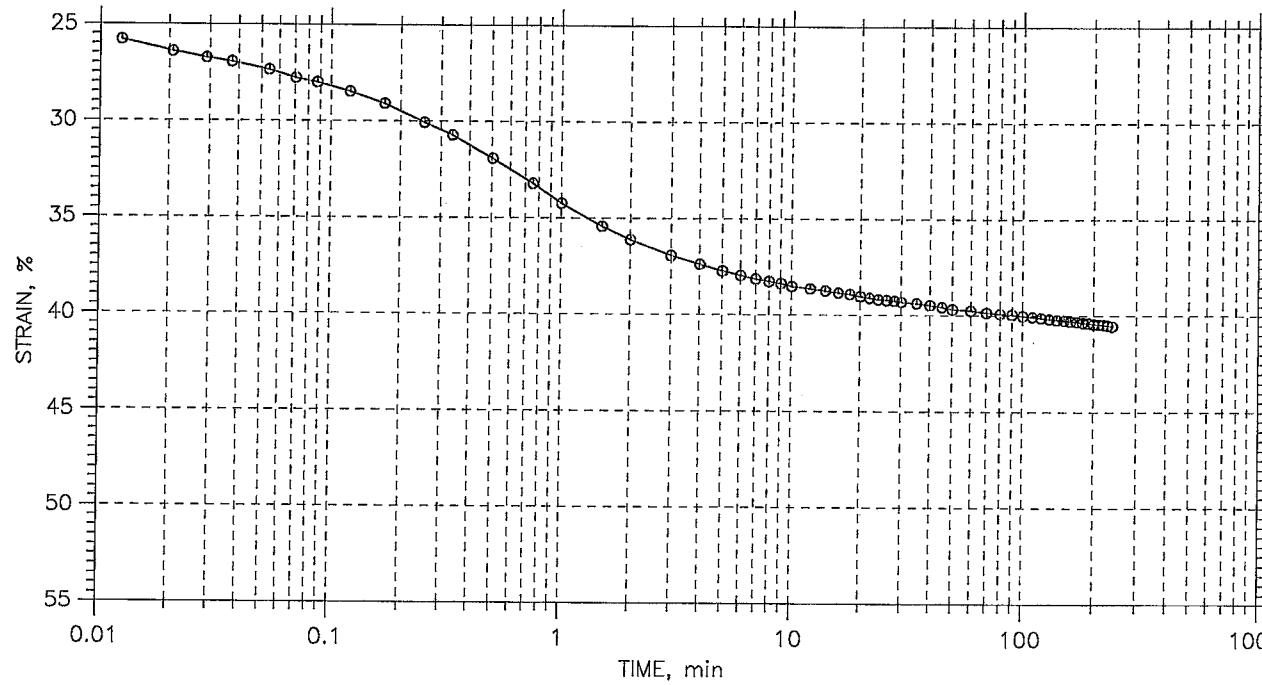
Mon, 09-APR-2007 12:13:23

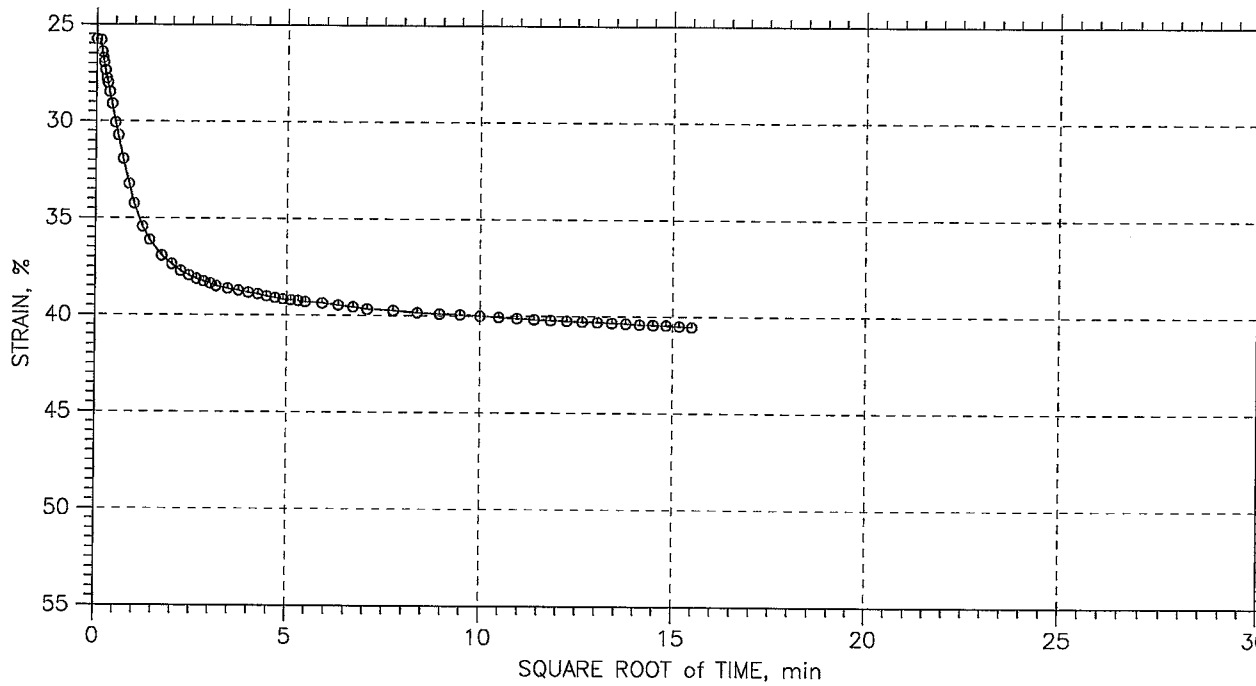
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

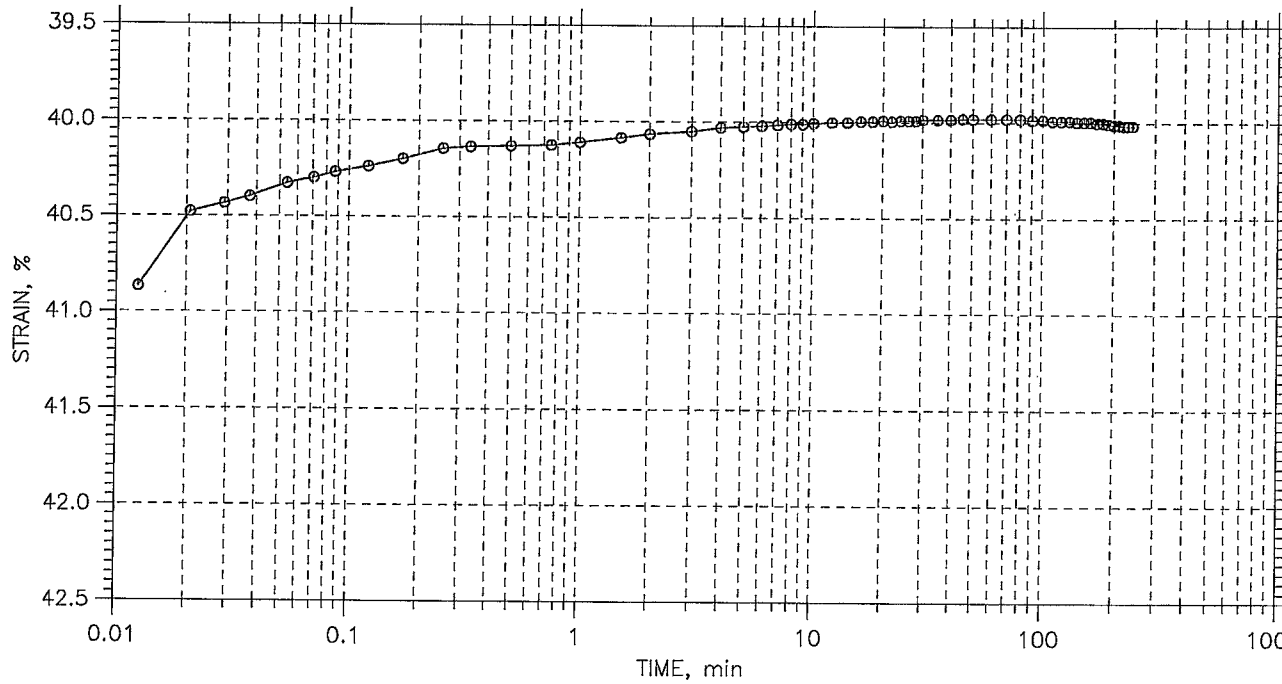
Mon, 09-APR-2007 12:13:25

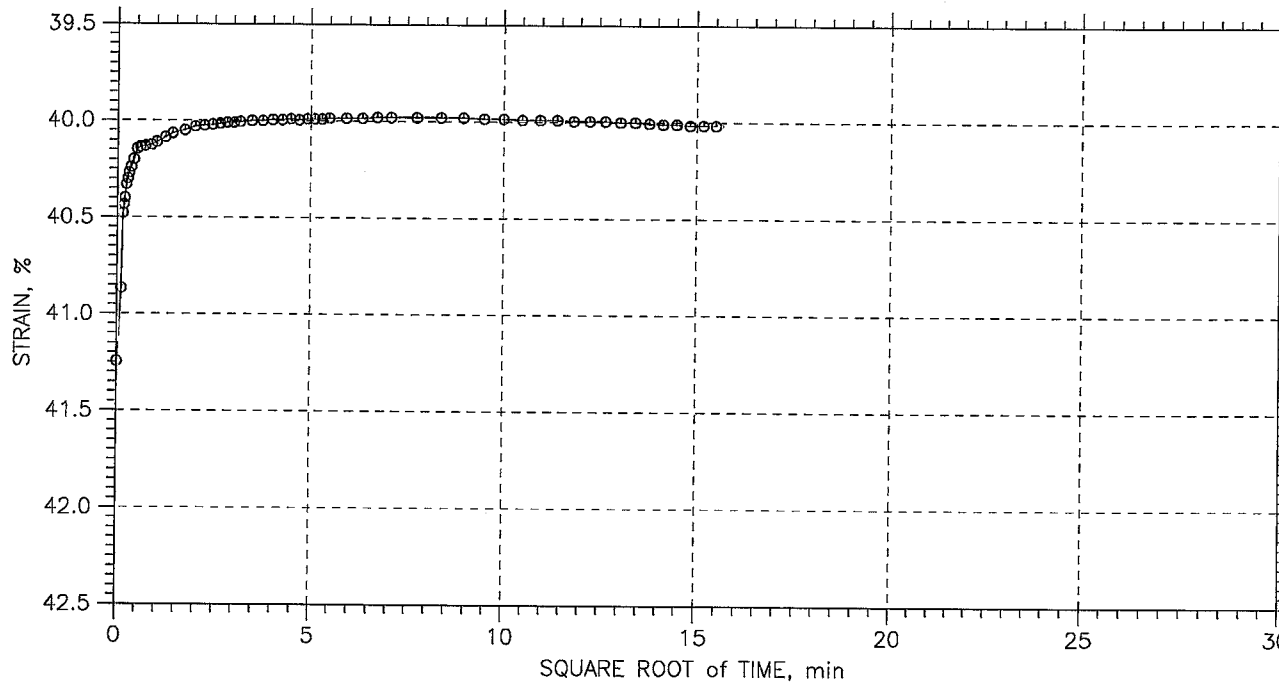
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

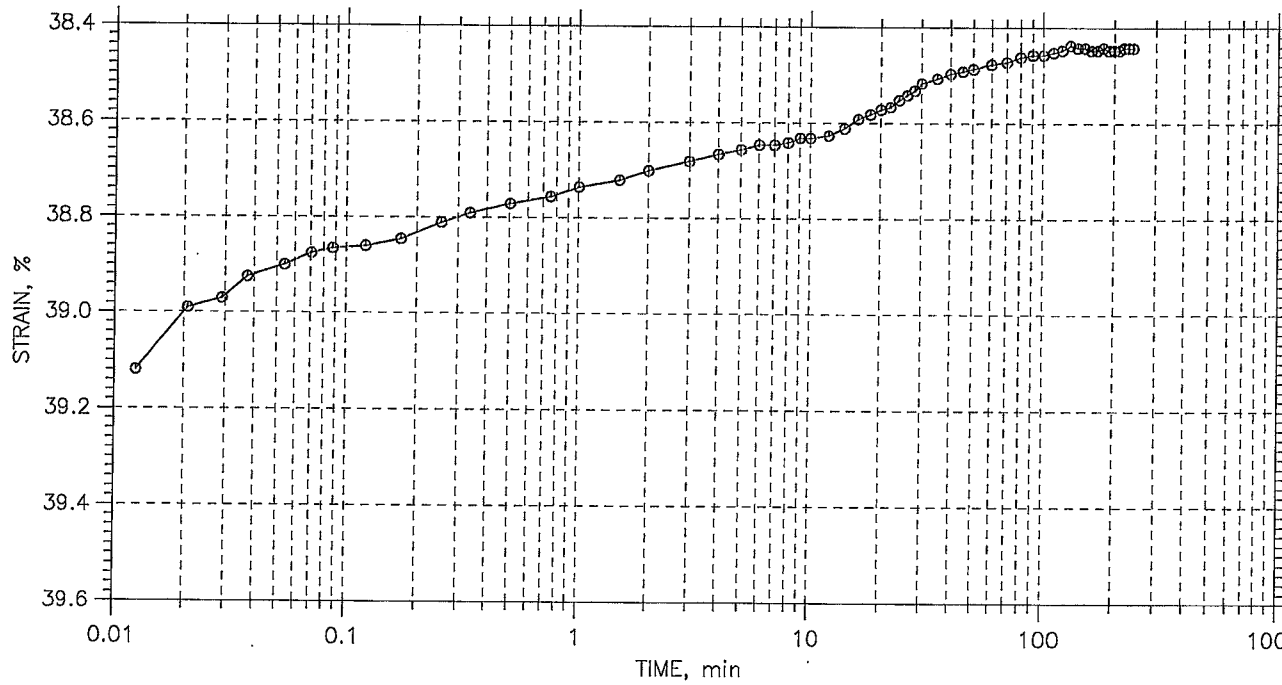
Mon, 09-APR-2007 12:13:29

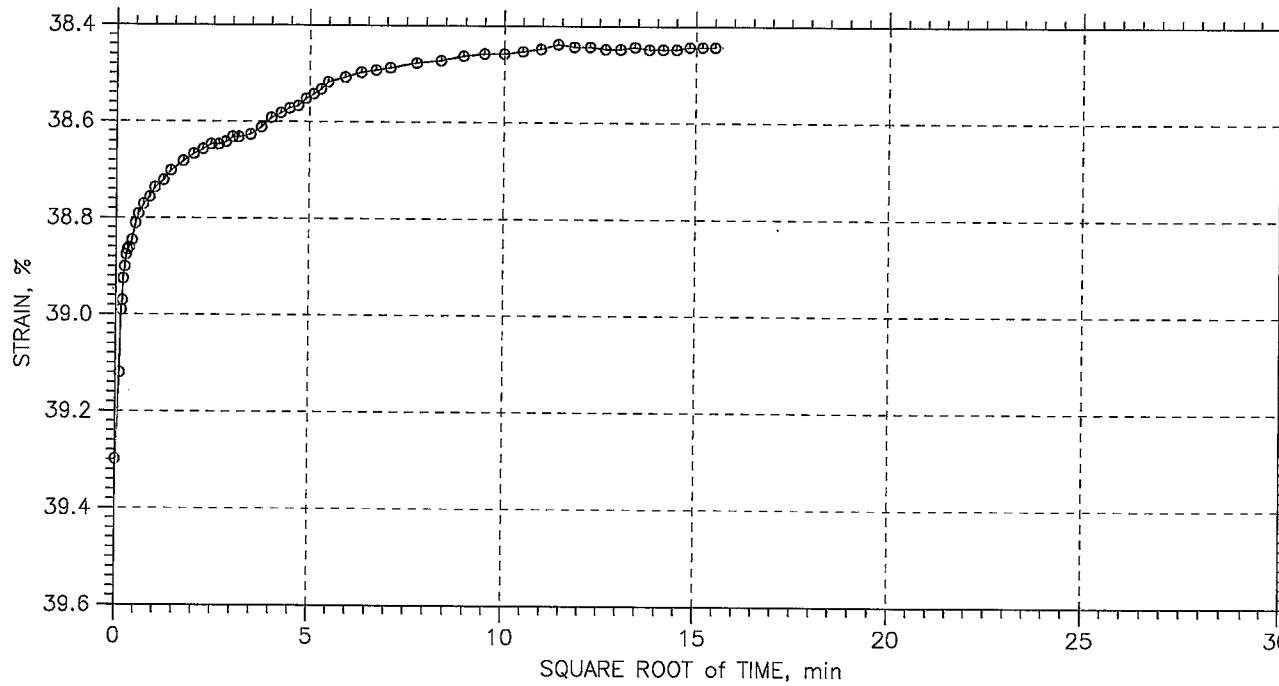
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

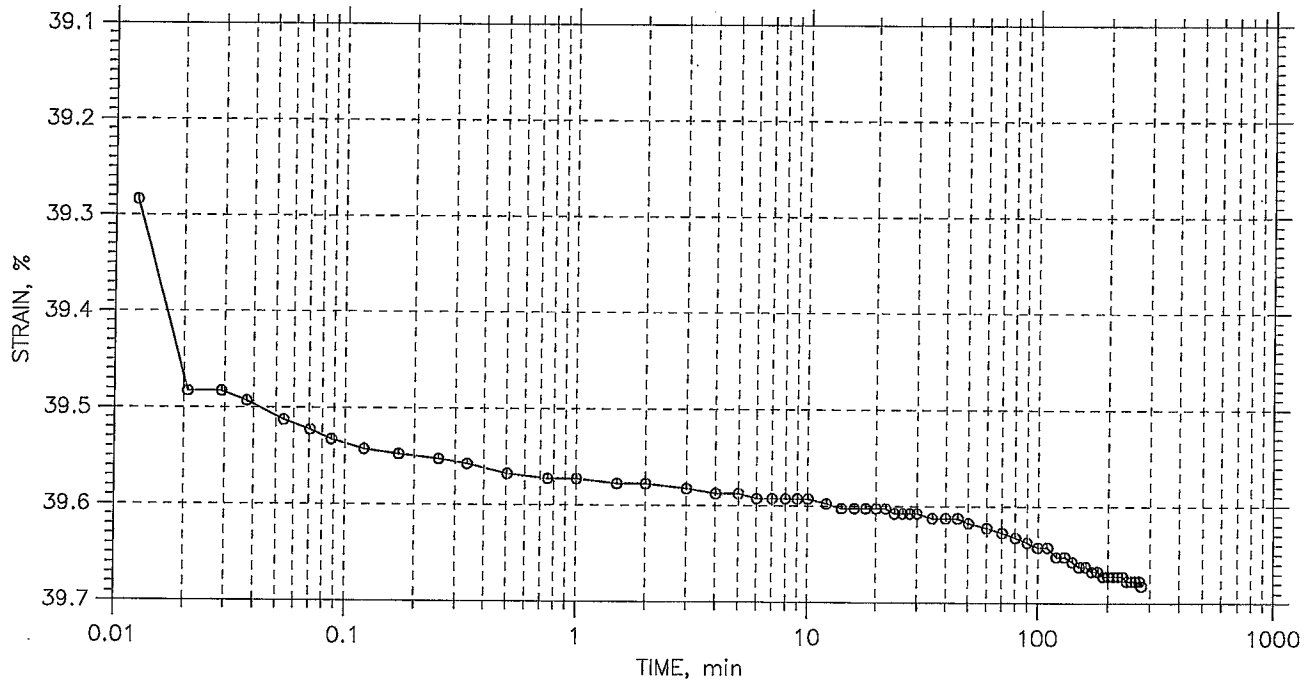
Mon, 09-APR-2007 12:13:31

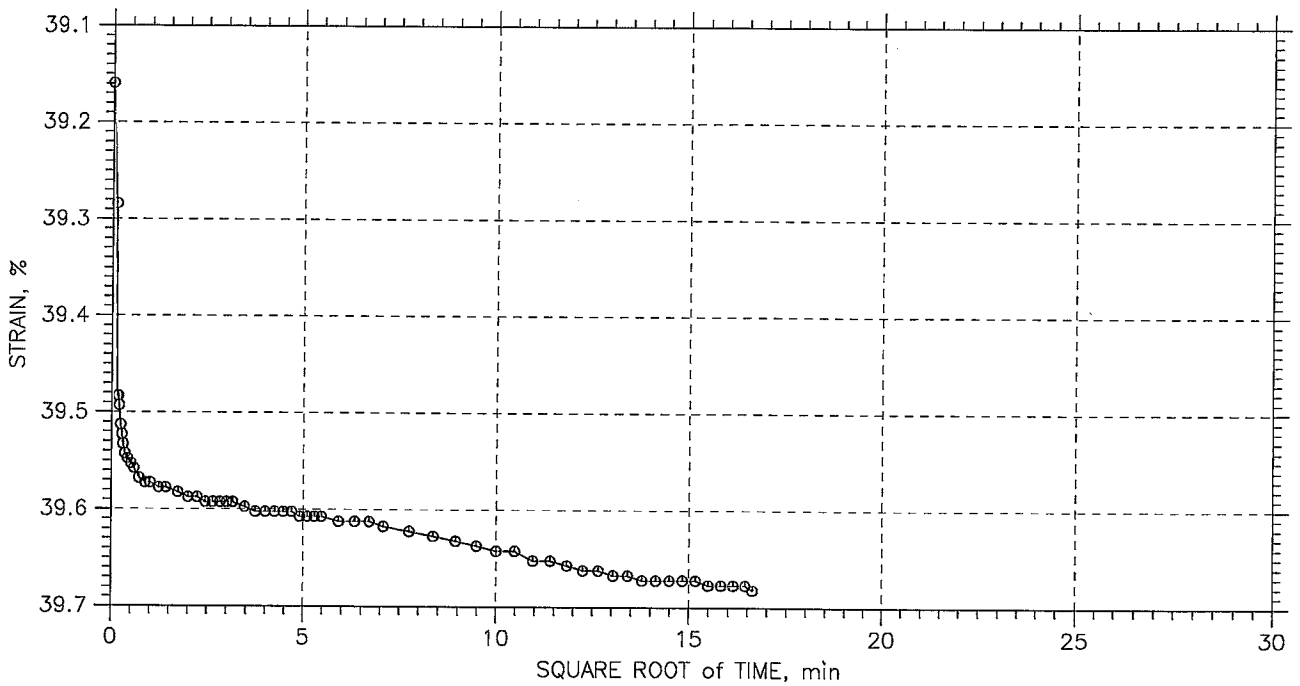
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

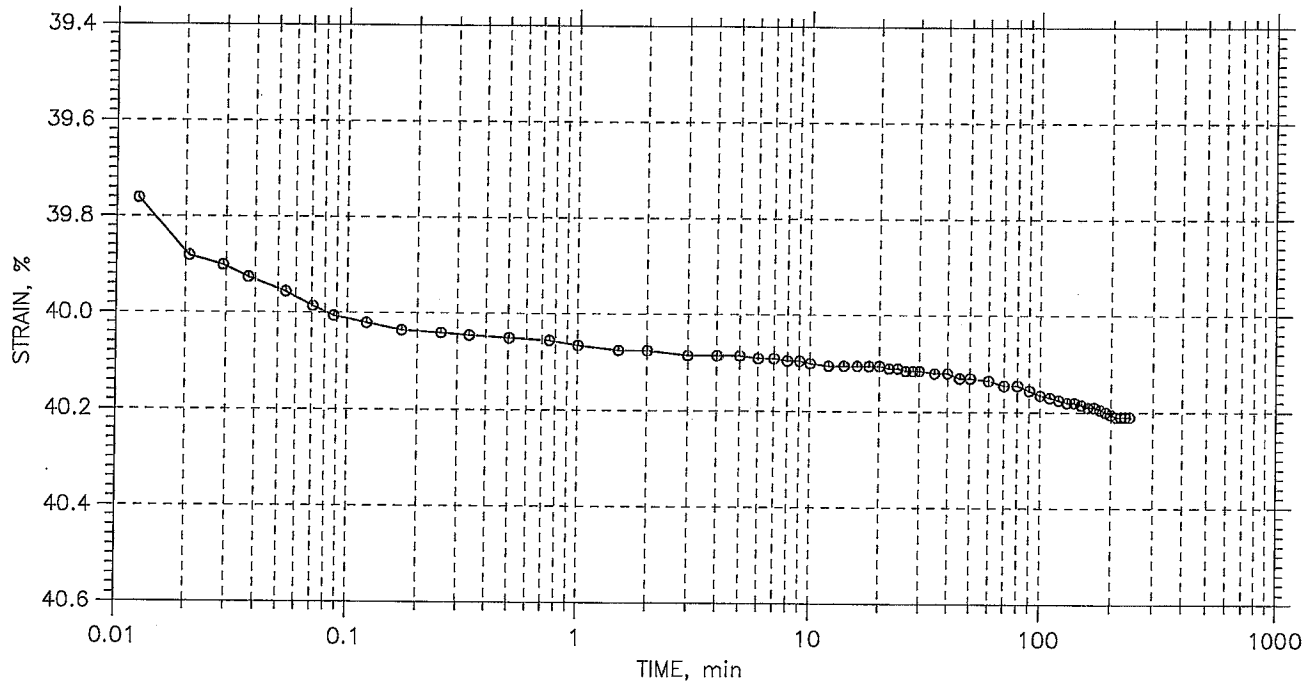
Mon, 09-APR-2007 12:13:33

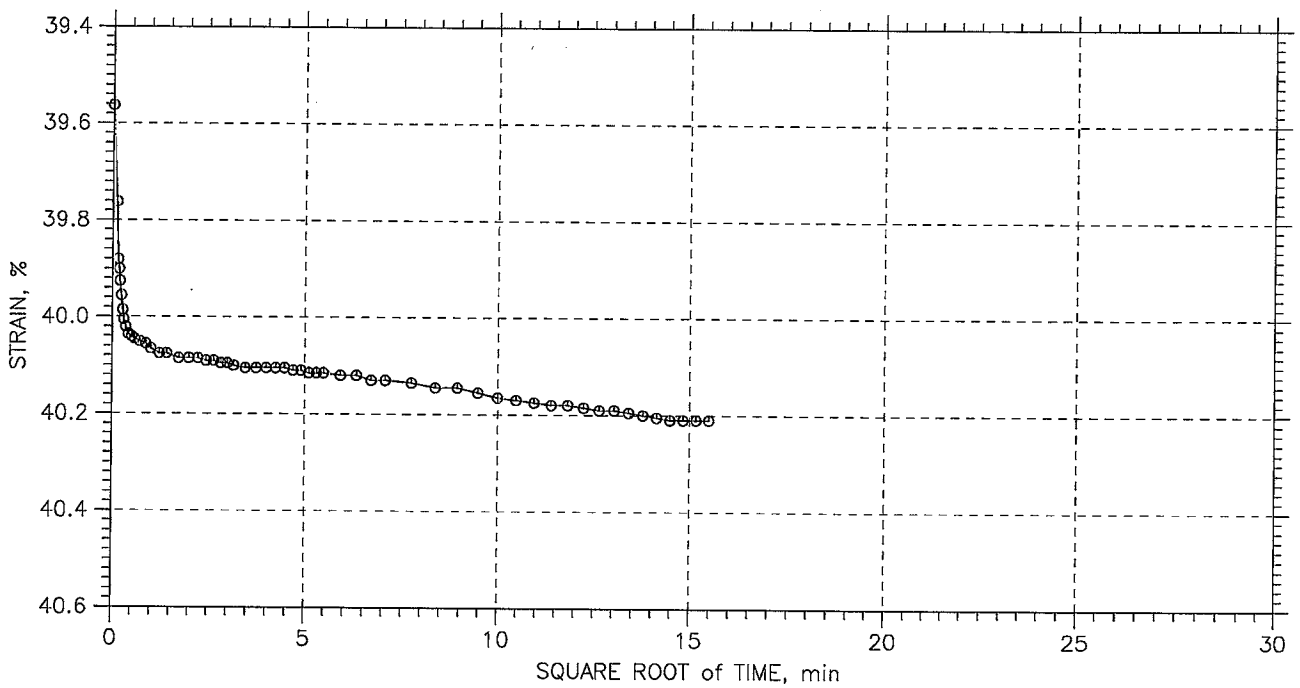
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

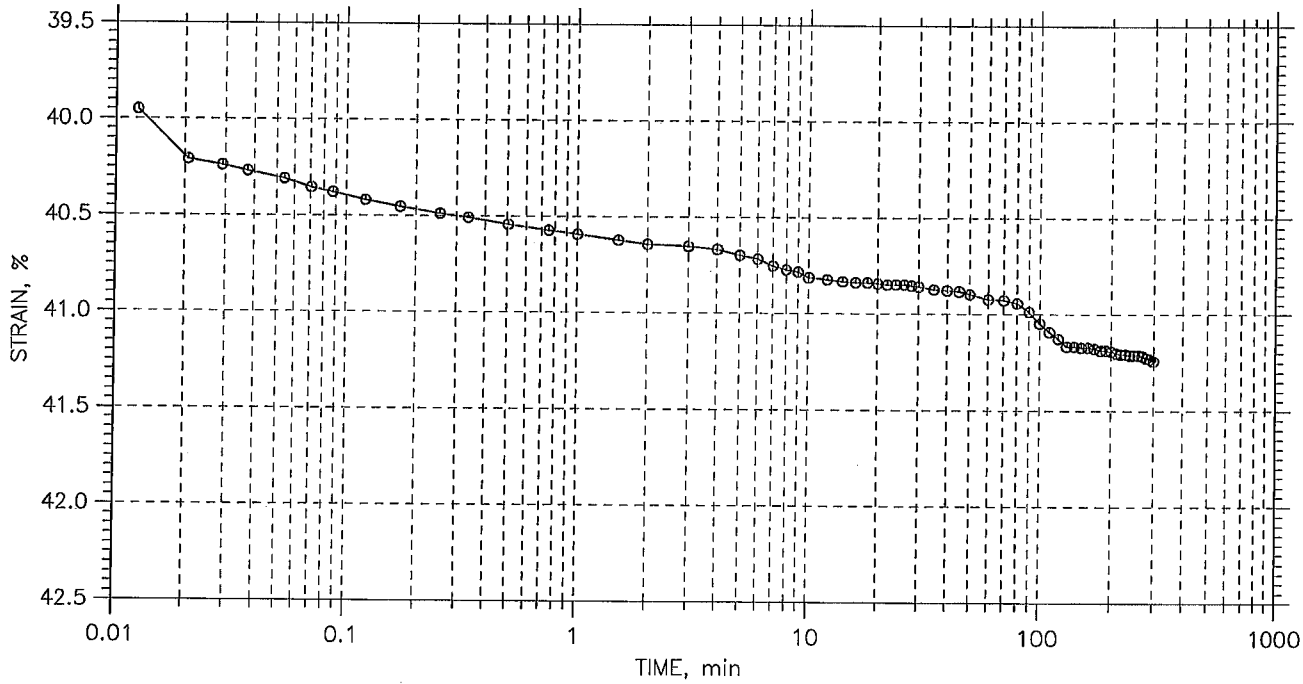
Mon, 09-APR-2007 12:13:36

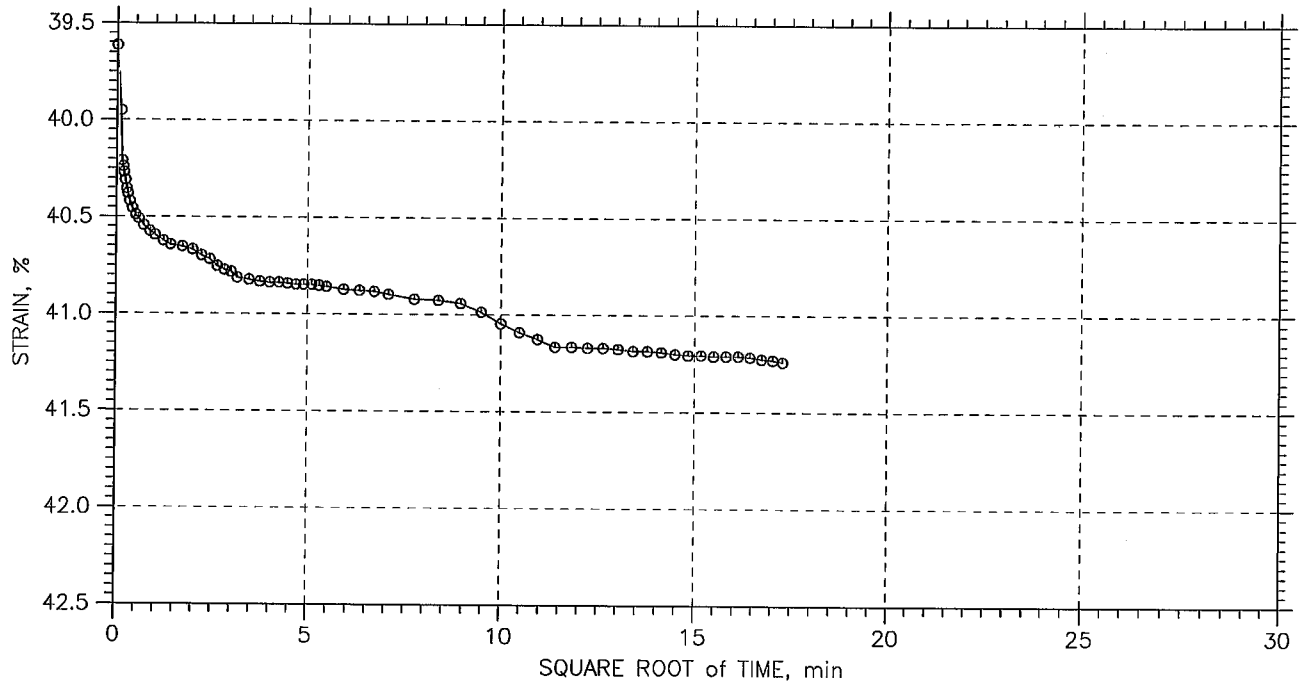
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



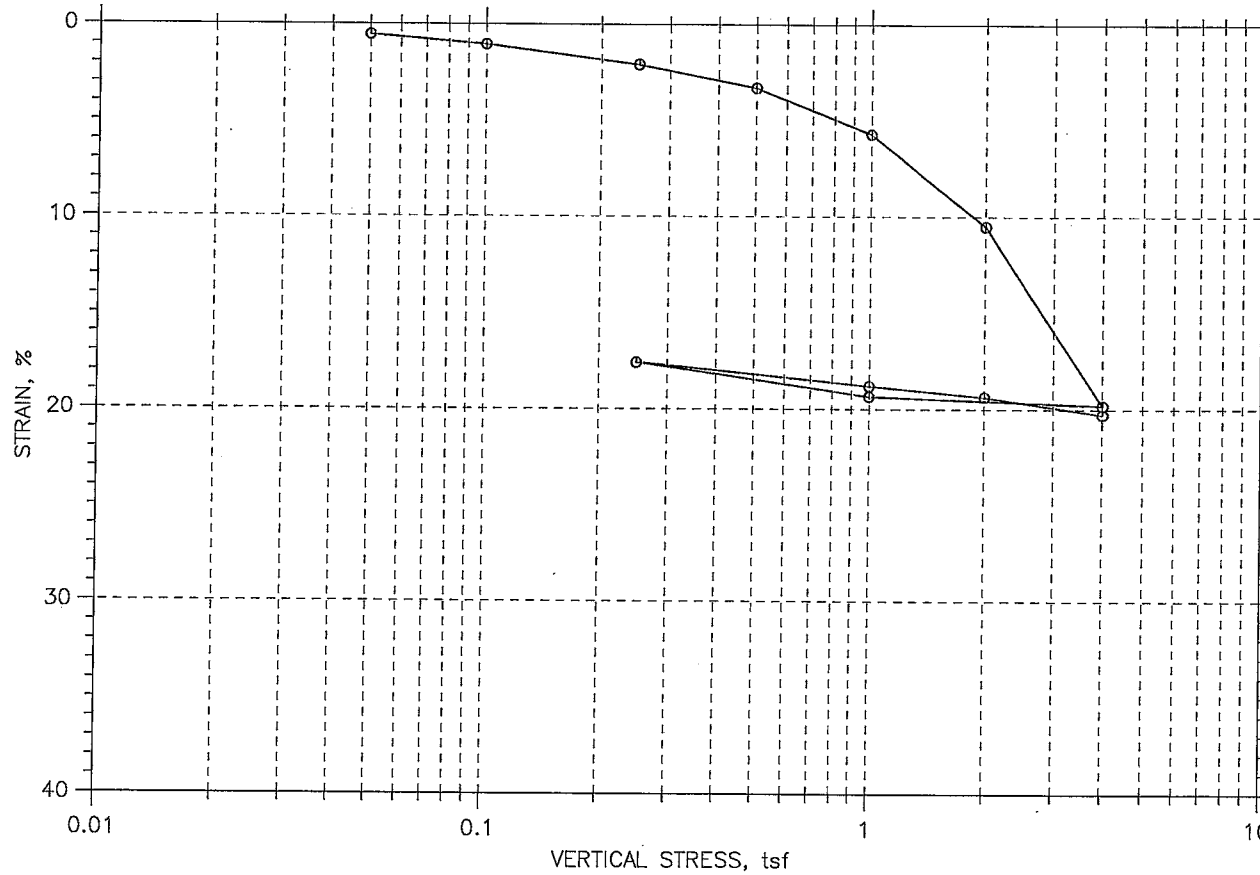


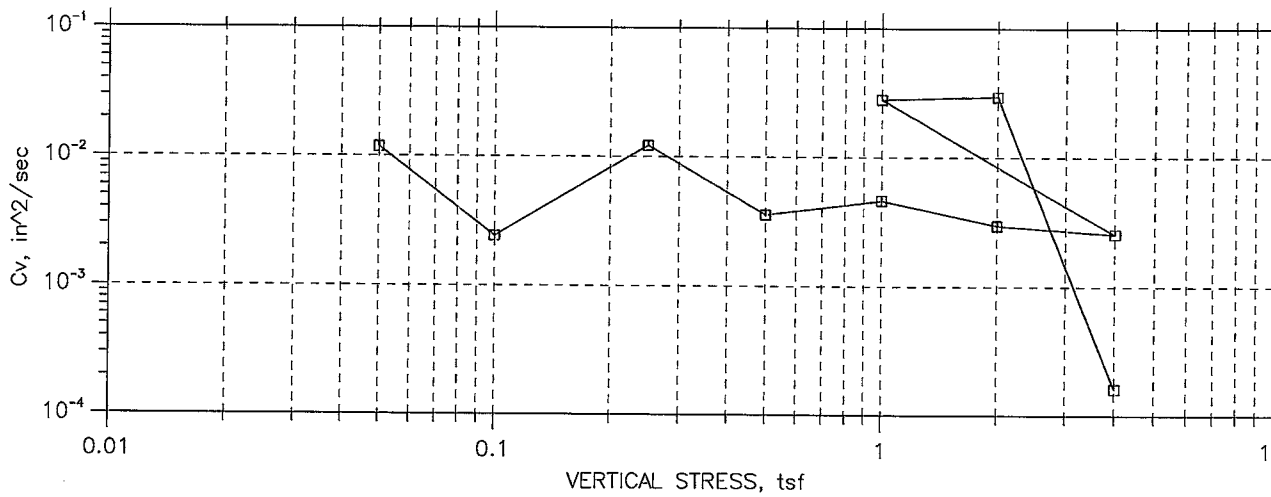
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-07	Test Date: 03/21/07	Depth: 10-12 ft
	Test No.: C-11	Sample Type: tube	Elevation: ---
	Description: Moist, light gray sandy silt with gravel		
	Remarks: System R		

Mon, 09-APR-2007 12:13:39

CONSOLIDATION TEST DATA

SUMMARY REPORT



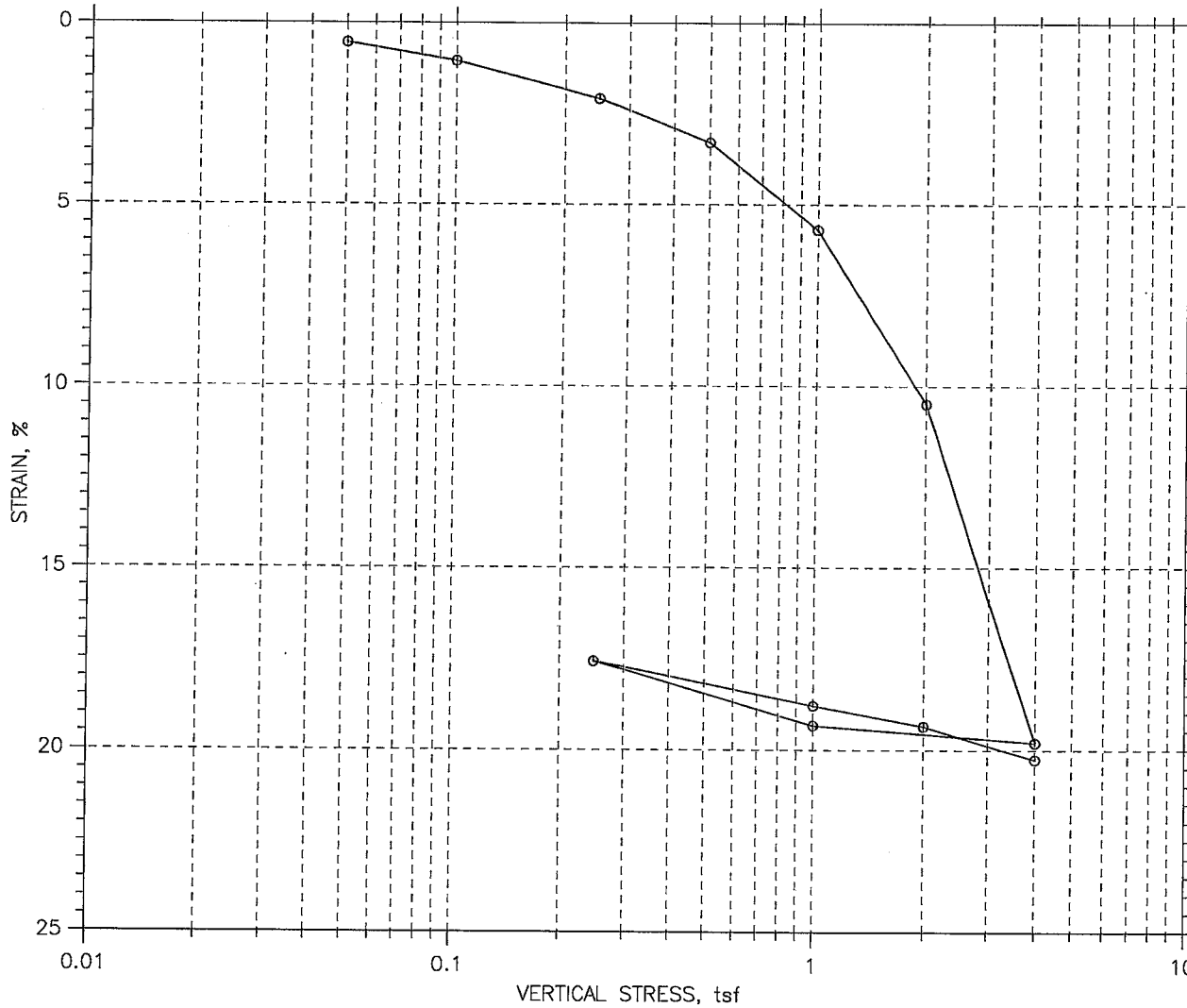


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

Mon, 09-APR-2007 12:04:36

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	238.69	191.11
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	21.73	27.24
Compression Index: ---				Saturation, %	95.73	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	6.56	5.03
LL: 151	PL: 120	PI: 31	GS: 2.63			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

Mon, 09-APR-2007 12:04:39

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-09
Sample No.: 0299-09
Test No.: C-2

Location: Syracuse, NY
Tested By: md
Test Date: 02/09/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, mottled white and bluish gray gravel with silt and sand
Remarks: System R

Measured Specific Gravity: 2.63
Initial Void Ratio: 6.56
Final Void Ratio: 5.03

Liquid Limit: 151
Plastic Limit: 120
Plasticity Index: 31

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2	RING		1988
Wt. Container + Wet Soil, gm	158.34	311.22	297.9	84.45
Wt. Container + Dry Soil, gm	98.95	244.4	244.4	34.38
Wt. Container, gm	67.91	216.41	216.41	8.18
Wt. Dry Soil, gm	31.04	27.993	27.993	26.2
Water Content, %	191.33	238.69	191.11	191.11
Void Ratio	---	6.56	5.03	---
Degree of Saturation, %	---	95.73	99.99	---
Dry Unit Weight, pcf	---	21.725	27.244	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-09
Sample No.: 0299-09
Test No.: C-2

Location: Syracuse, NY
Tested By: md
Test Date: 02/09/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, mottled white and bluish gray gravel with silt and sand
Remarks: System R

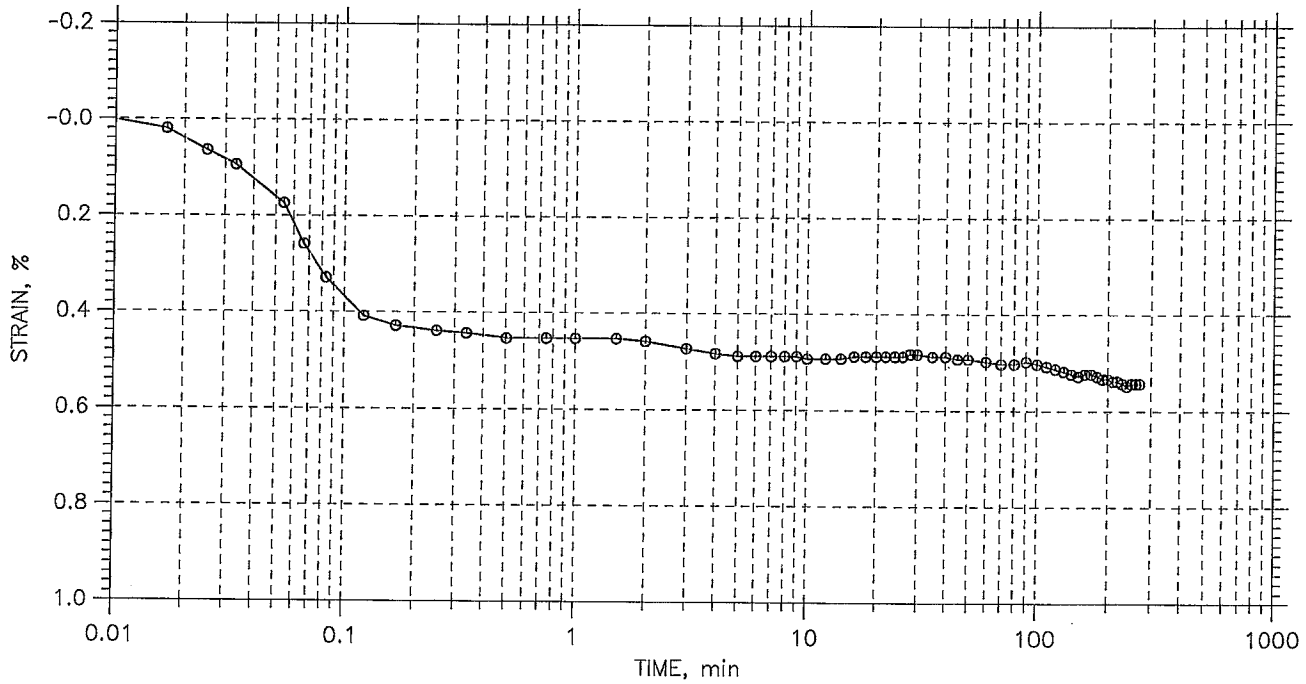
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.005424	6.516	0.54	0.1	0.0	1.18e-002	0.00e+000	1.18e-002
2	0.1	0.0105	6.478	1.05	0.3	0.0	2.42e-003	0.00e+000	2.42e-003
3	0.25	0.02086	6.400	2.09	0.1	0.1	1.11e-002	1.35e-002	1.22e-002
4	0.5	0.03295	6.308	3.30	0.4	0.1	2.22e-003	9.23e-003	3.58e-003
5	1	0.05699	6.127	5.70	0.2	0.1	3.15e-003	8.69e-003	4.62e-003
6	2	0.1049	5.765	10.49	0.3	0.1	2.11e-003	4.98e-003	2.96e-003
7	4	0.198	5.061	19.80	0.3	0.2	2.26e-003	2.94e-003	2.55e-003
8	1	0.1933	5.096	19.33	0.0	0.0	2.91e-002	0.00e+000	2.91e-002
9	0.25	0.1758	5.229	17.58	0.3	0.0	2.01e-003	0.00e+000	2.01e-003
10	1	0.1879	5.137	18.79	0.0	0.0	2.81e-002	0.00e+000	2.81e-002
11	2	0.1935	5.095	19.35	0.0	0.0	2.96e-002	0.00e+000	2.96e-002
12	4	0.2026	5.026	20.26	3.3	0.0	1.62e-004	0.00e+000	1.62e-004

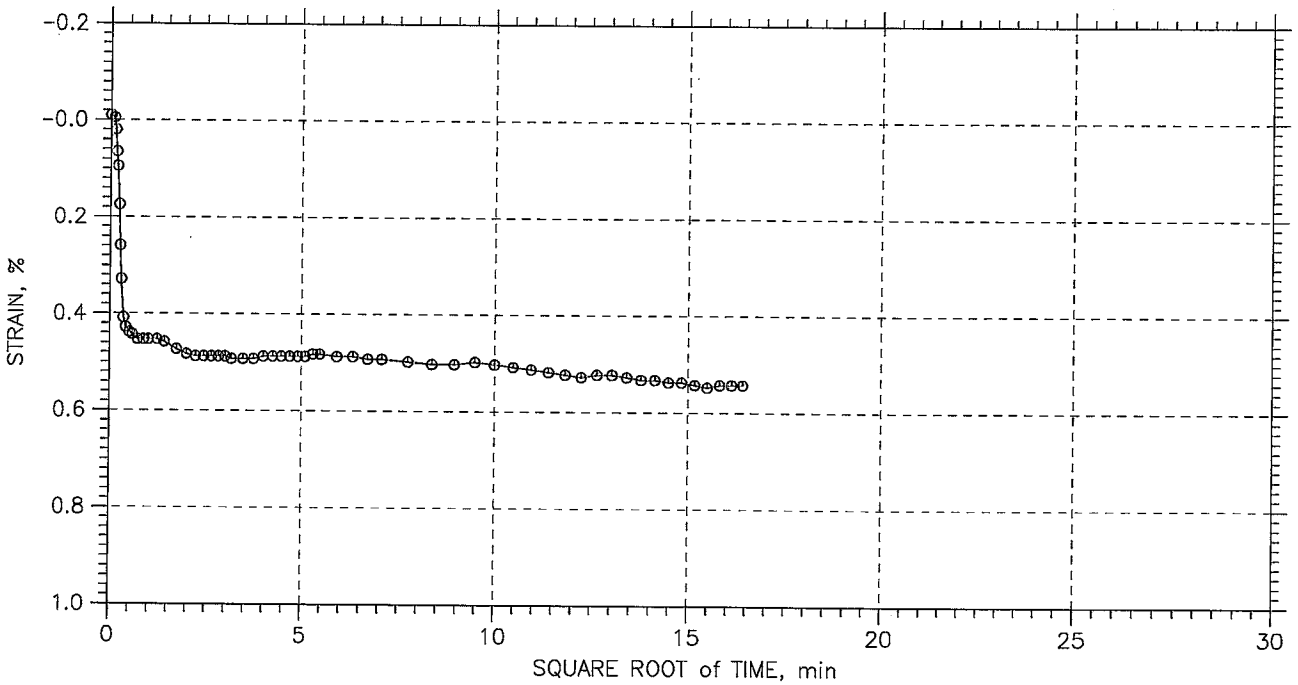
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

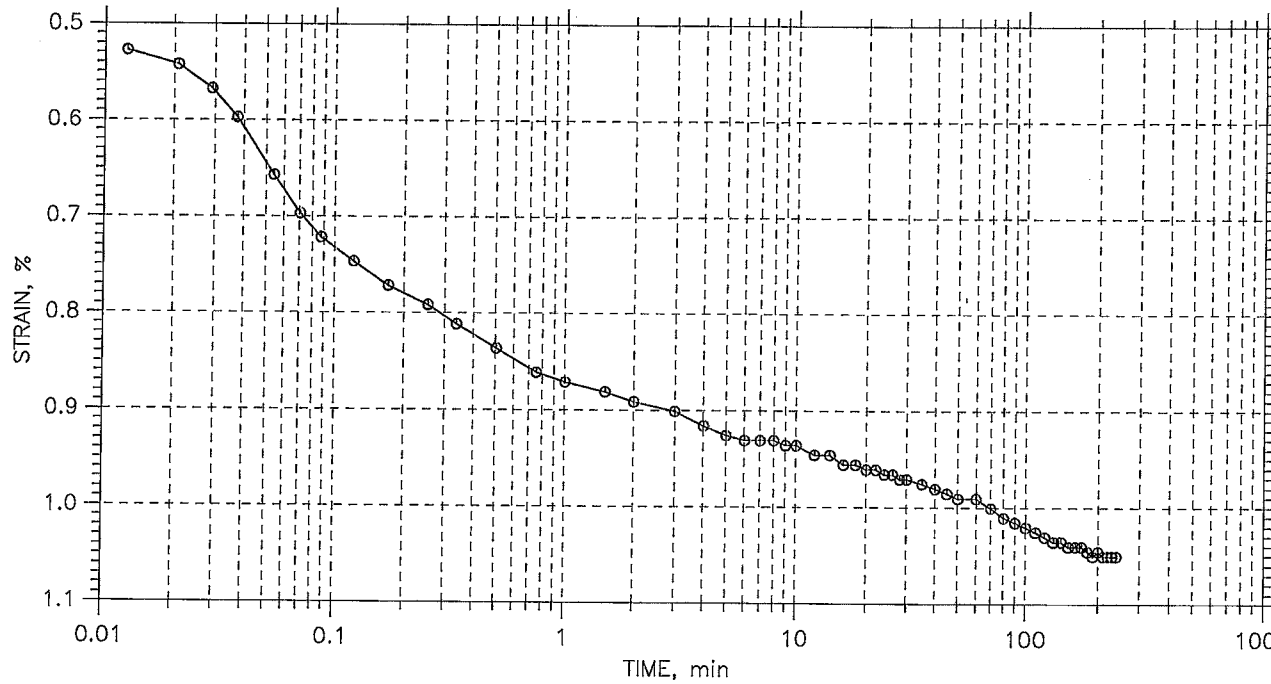
Mon, 09-APR-2007 12:04:41

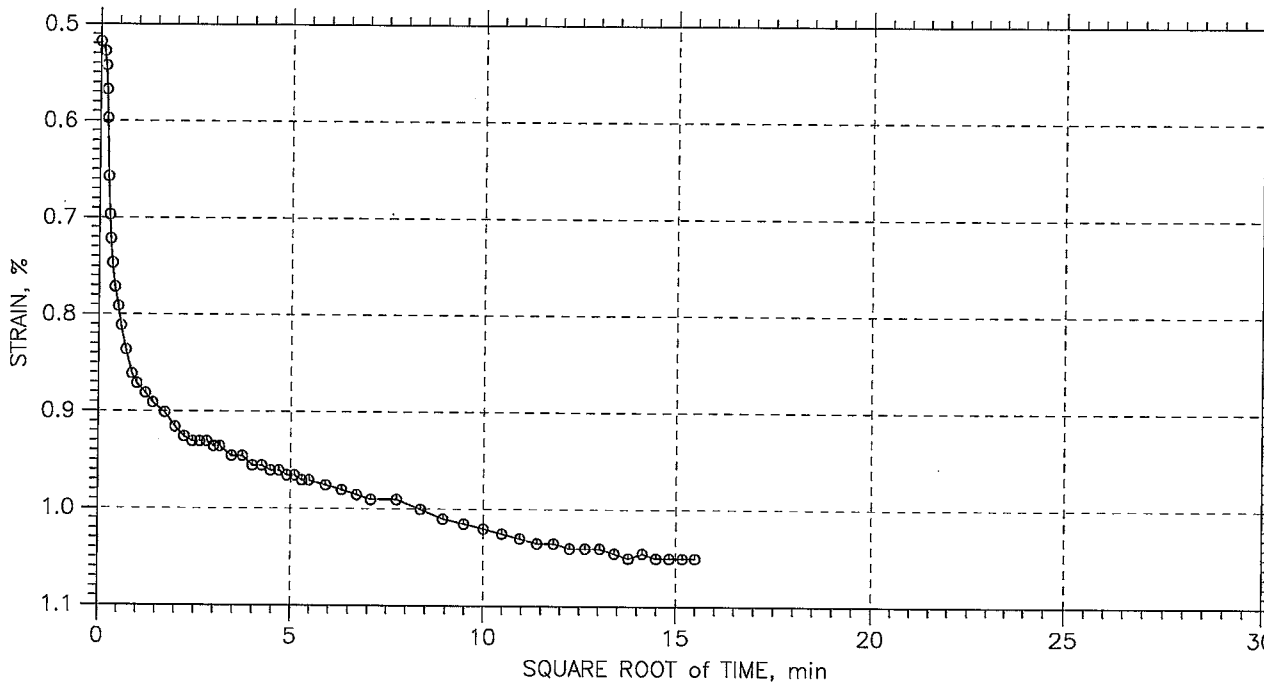
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

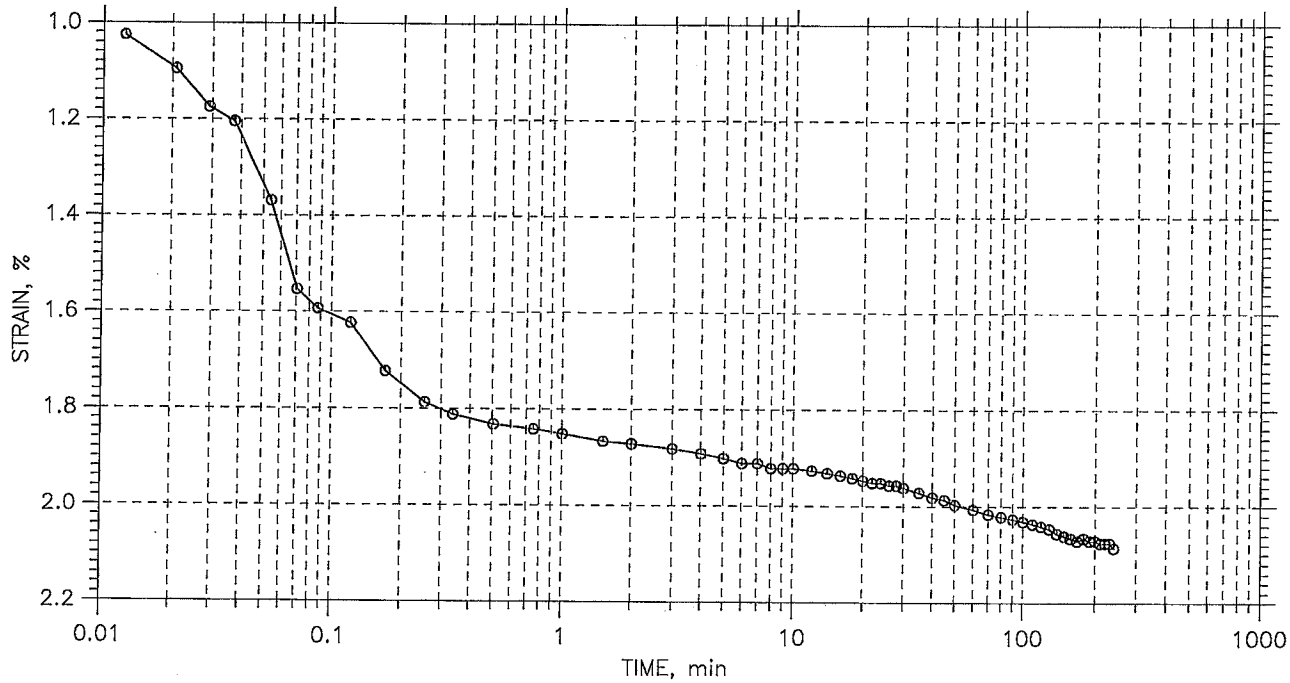
Mon, 09-APR-2007 12:04:43

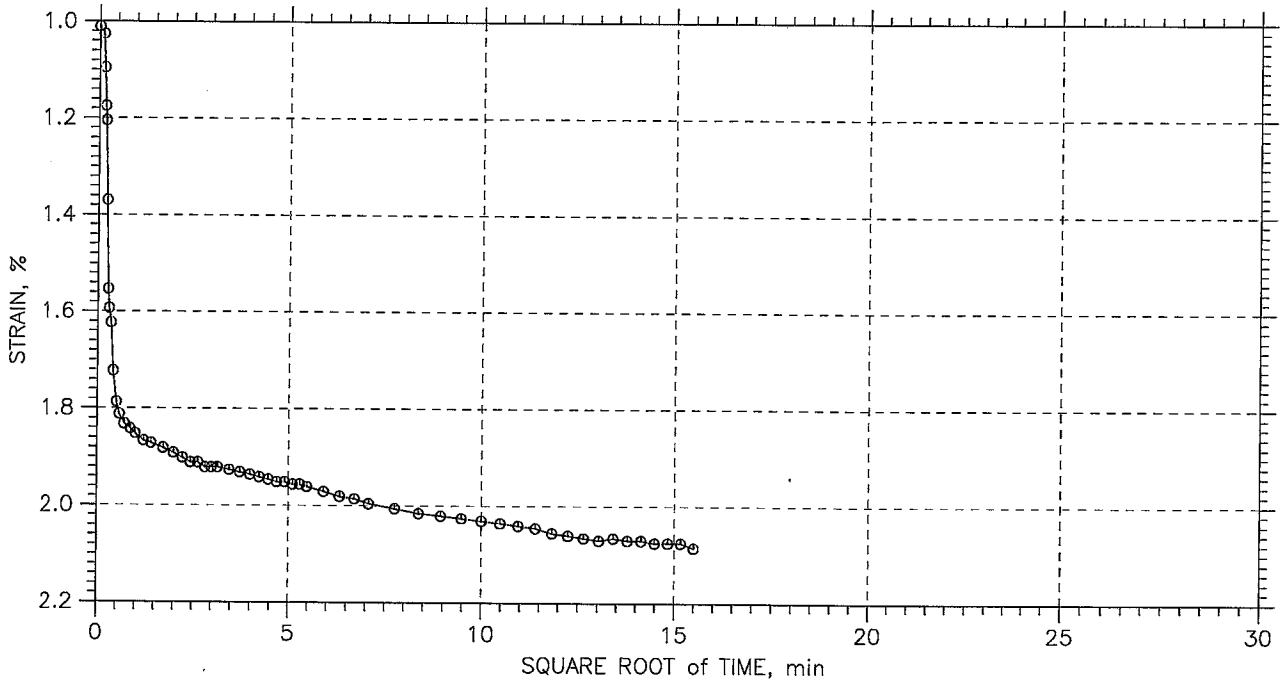
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

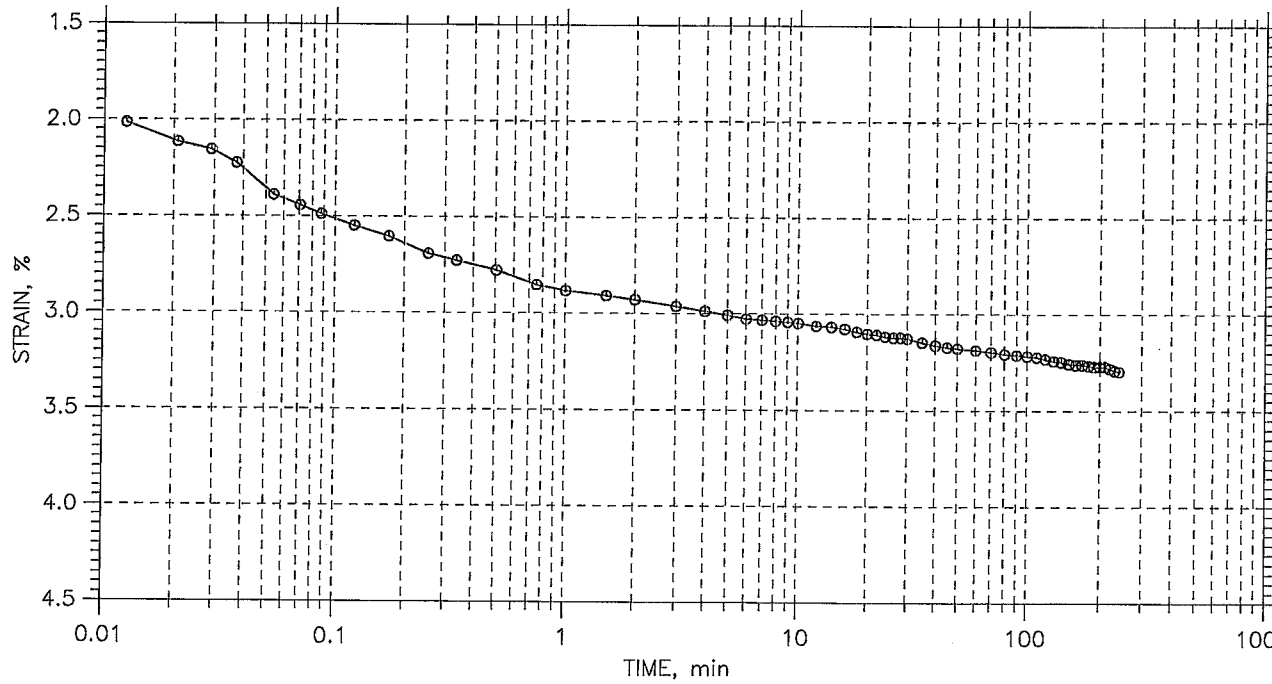
Mon, 09-APR-2007 12:04:45

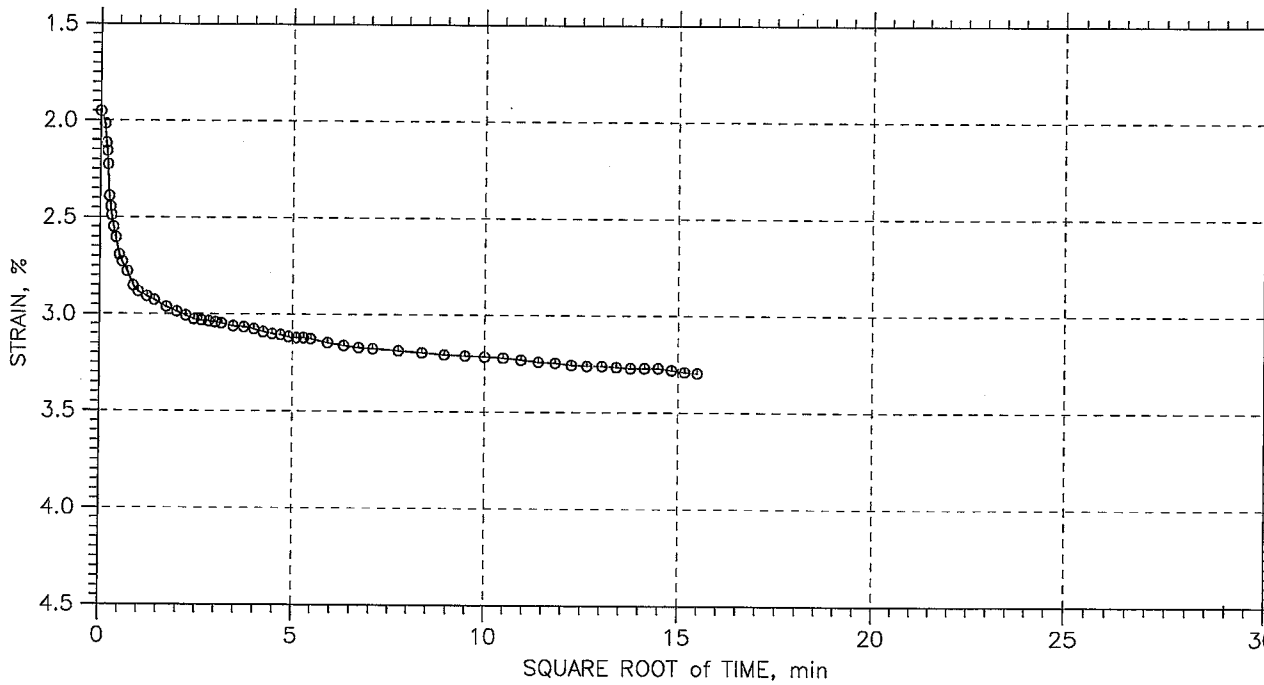
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

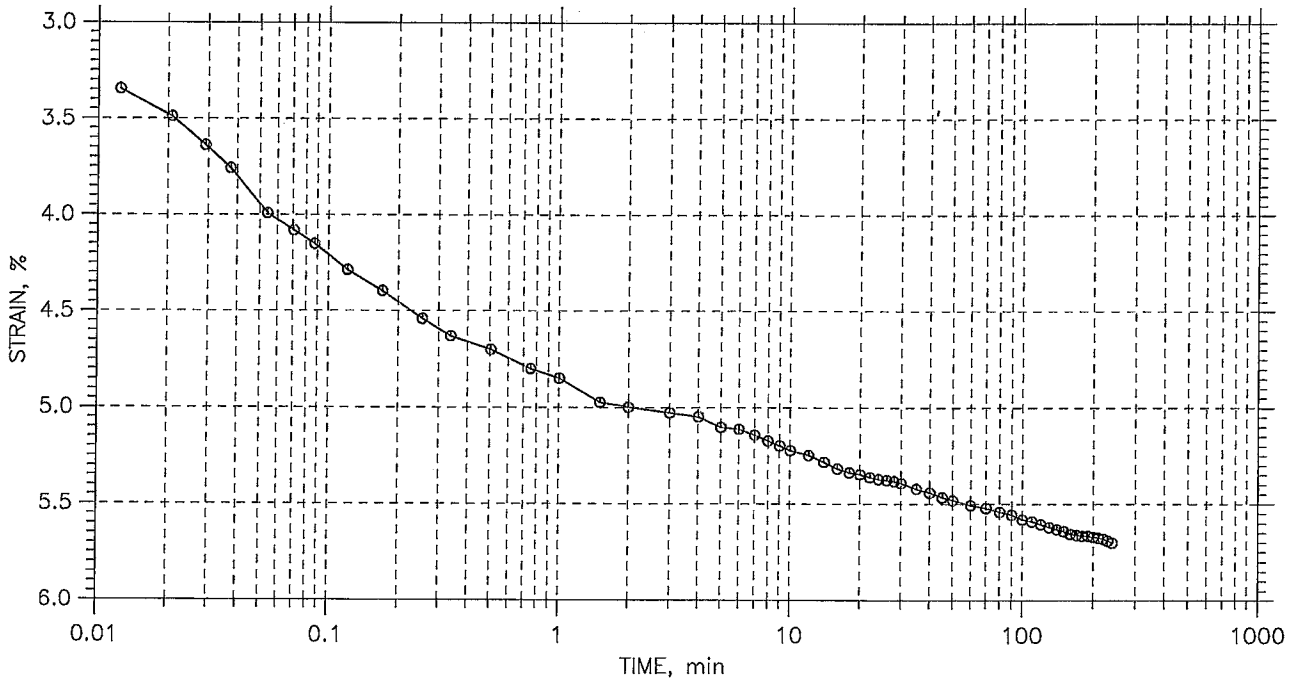
Mon, 09-APR-2007 12:04:48

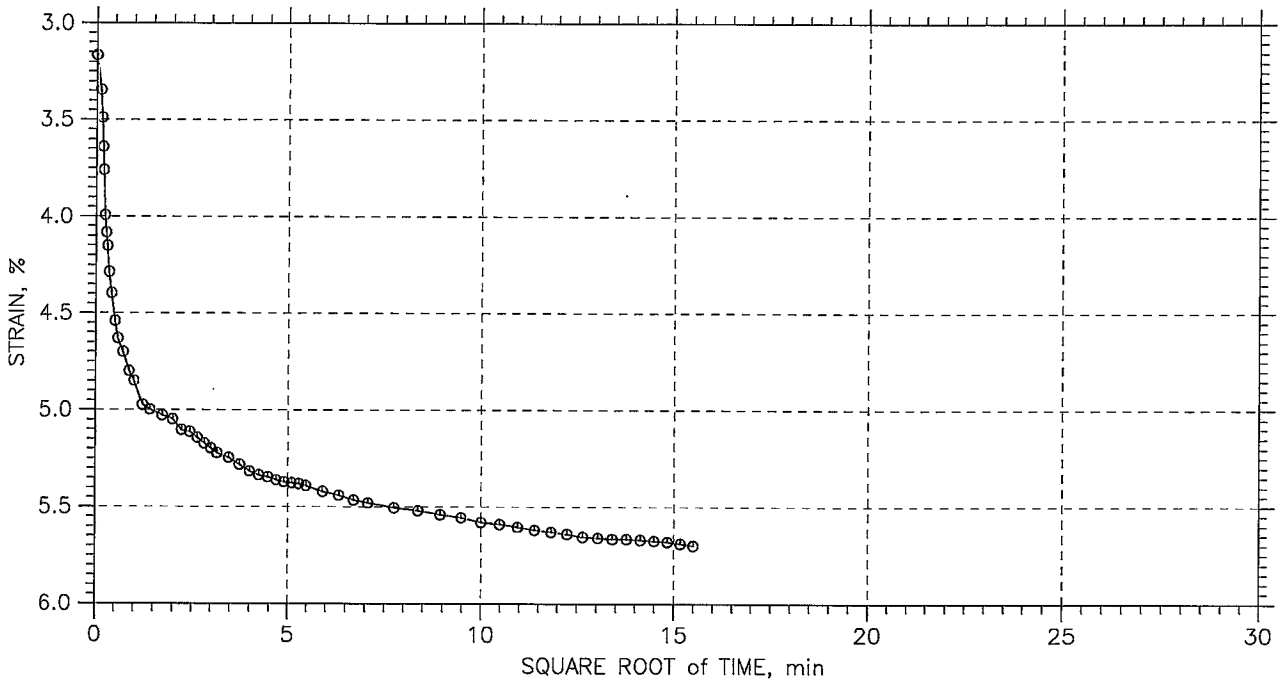
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

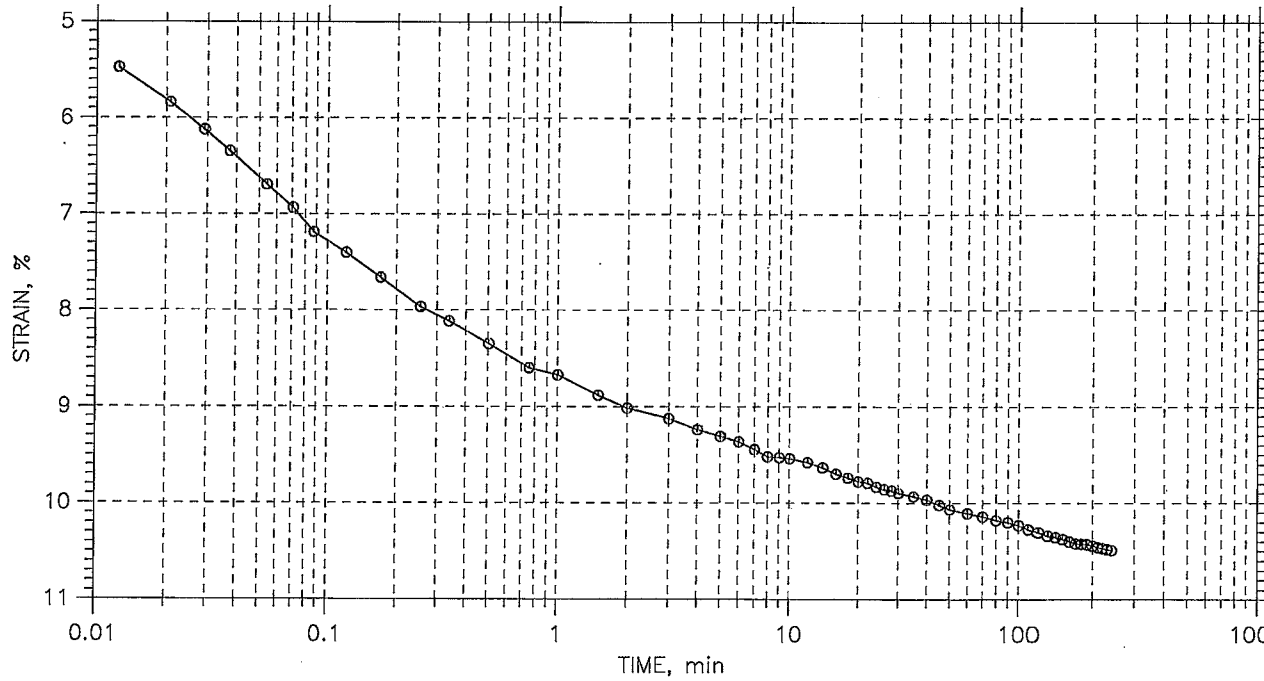
Mon, 09-APR-2007 12:04:50

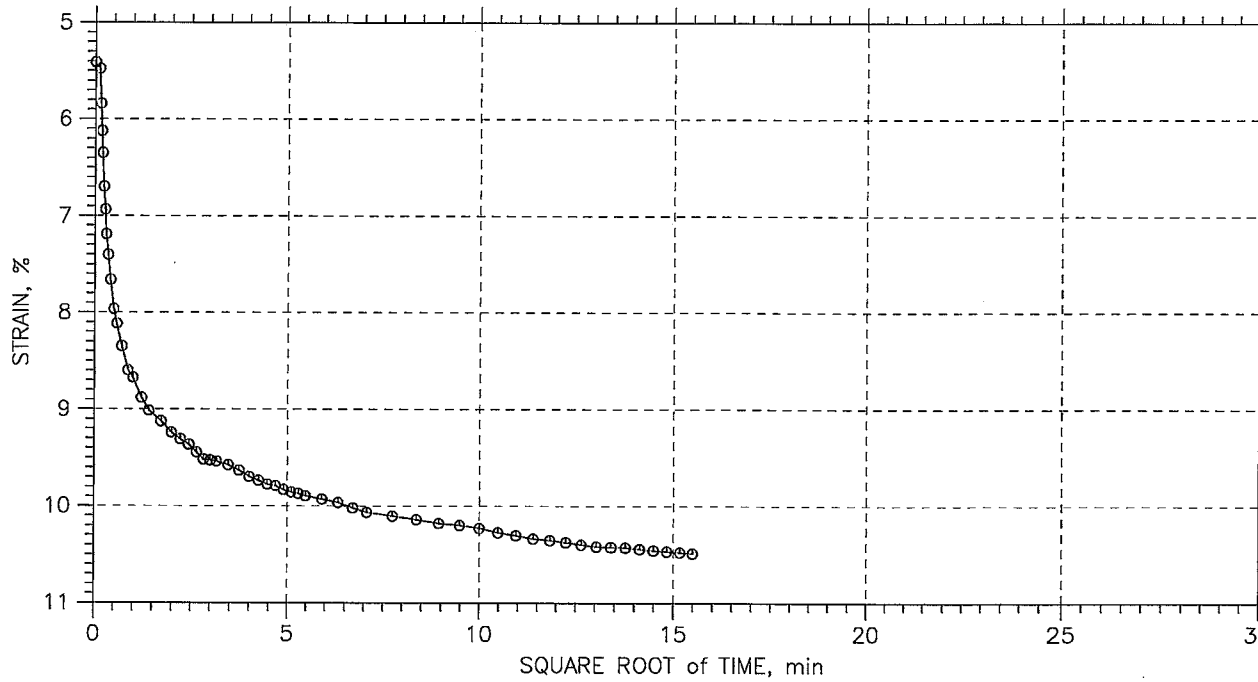
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

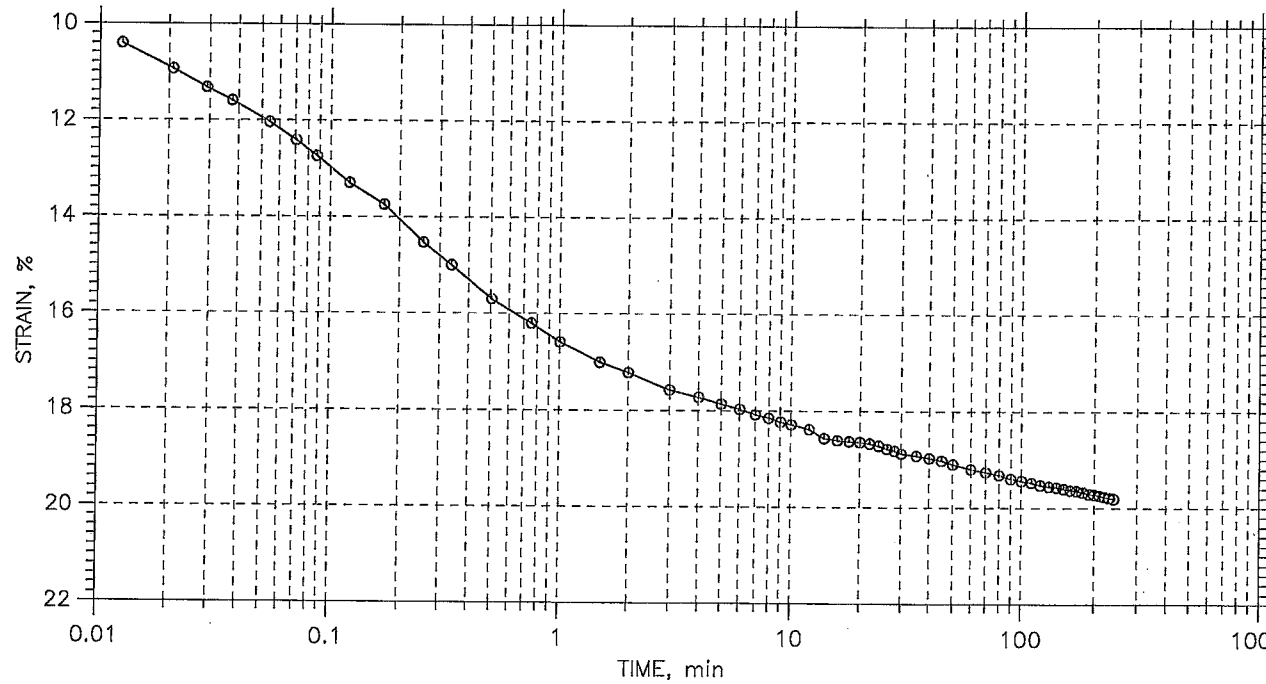
Mon, 09-APR-2007 12:04:52

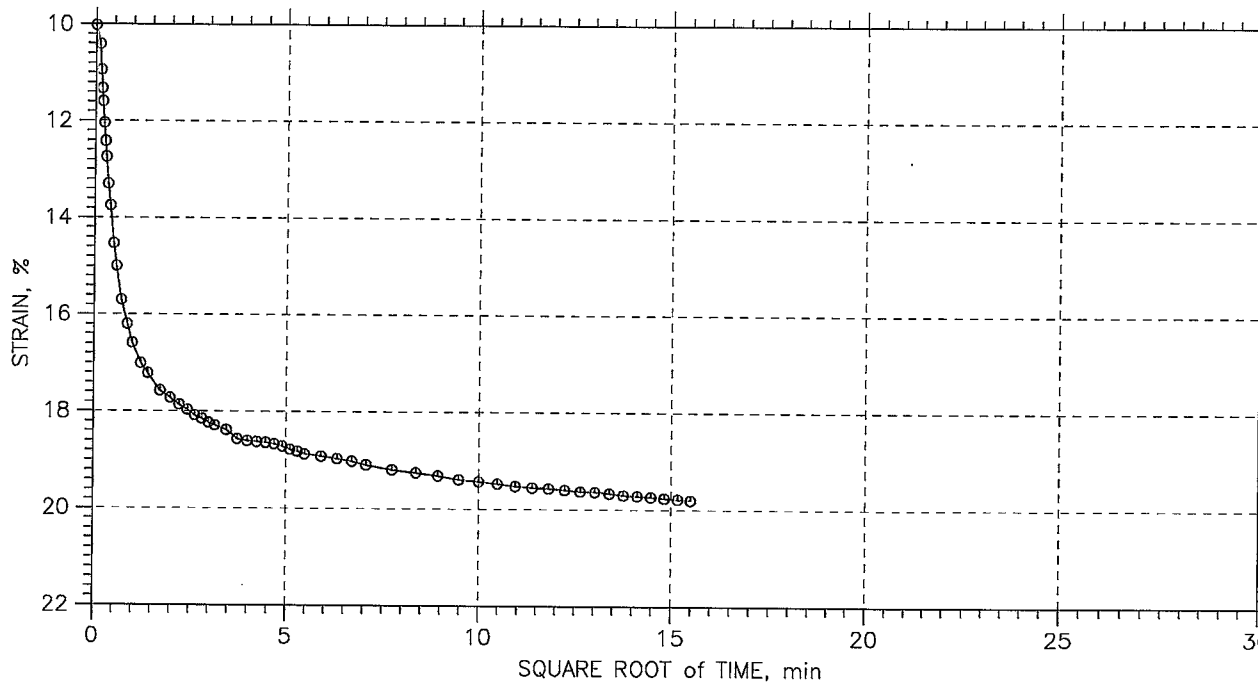
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

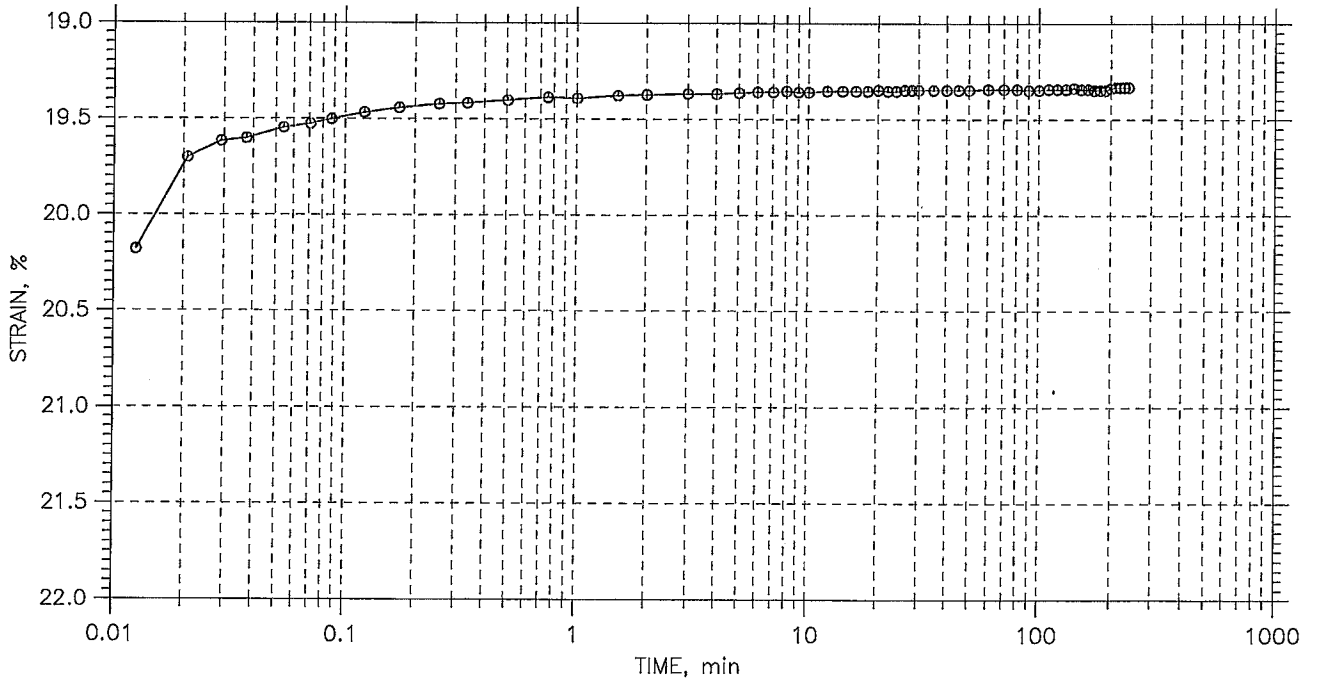
Mon, 09-APR-2007 12:04:55

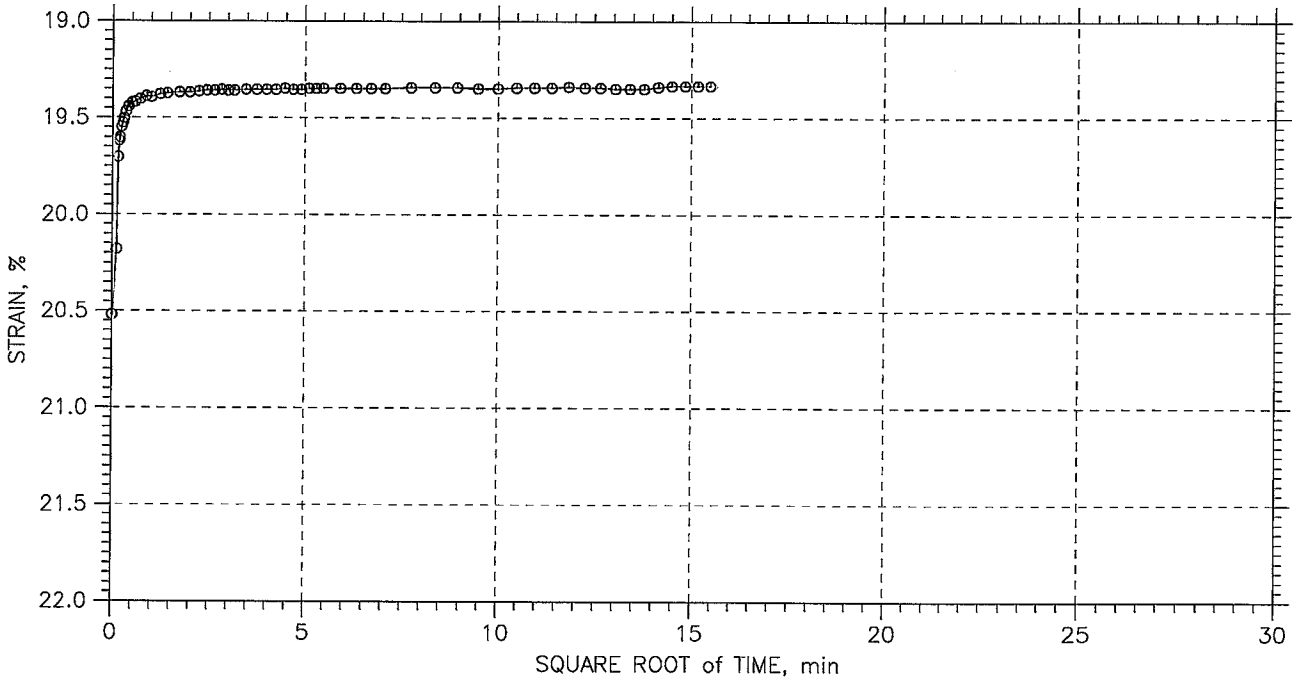
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

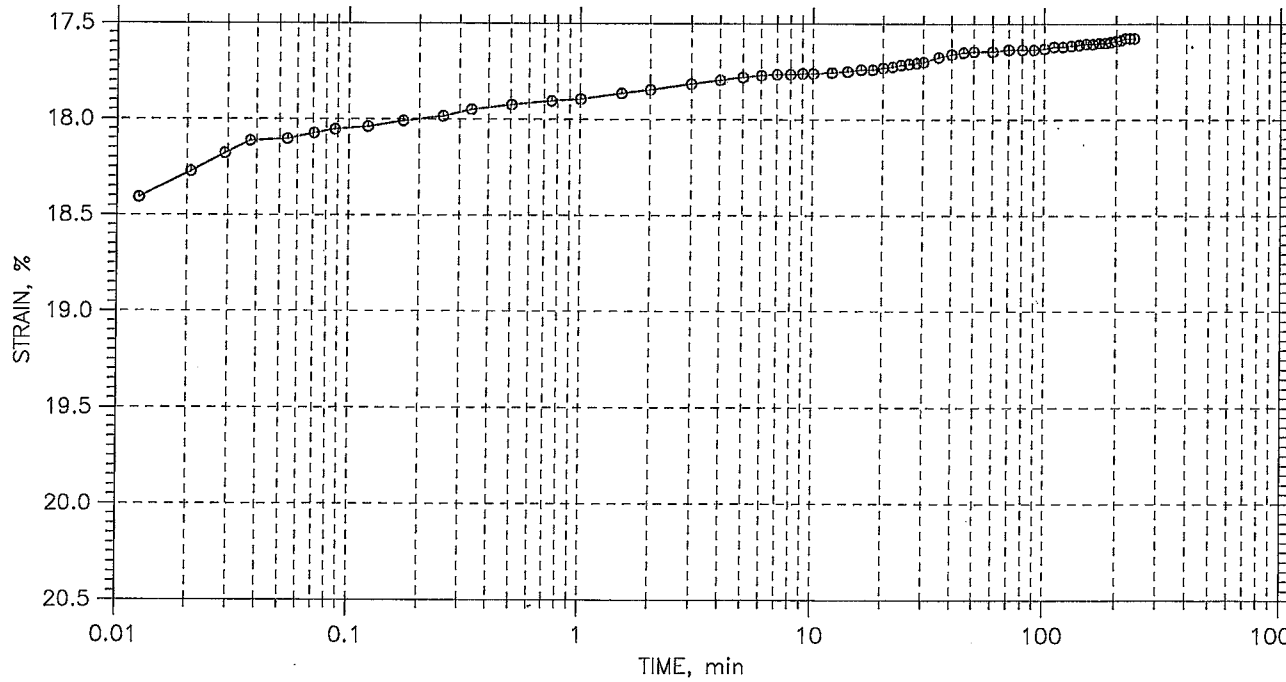
Mon, 09-APR-2007 12:04:57

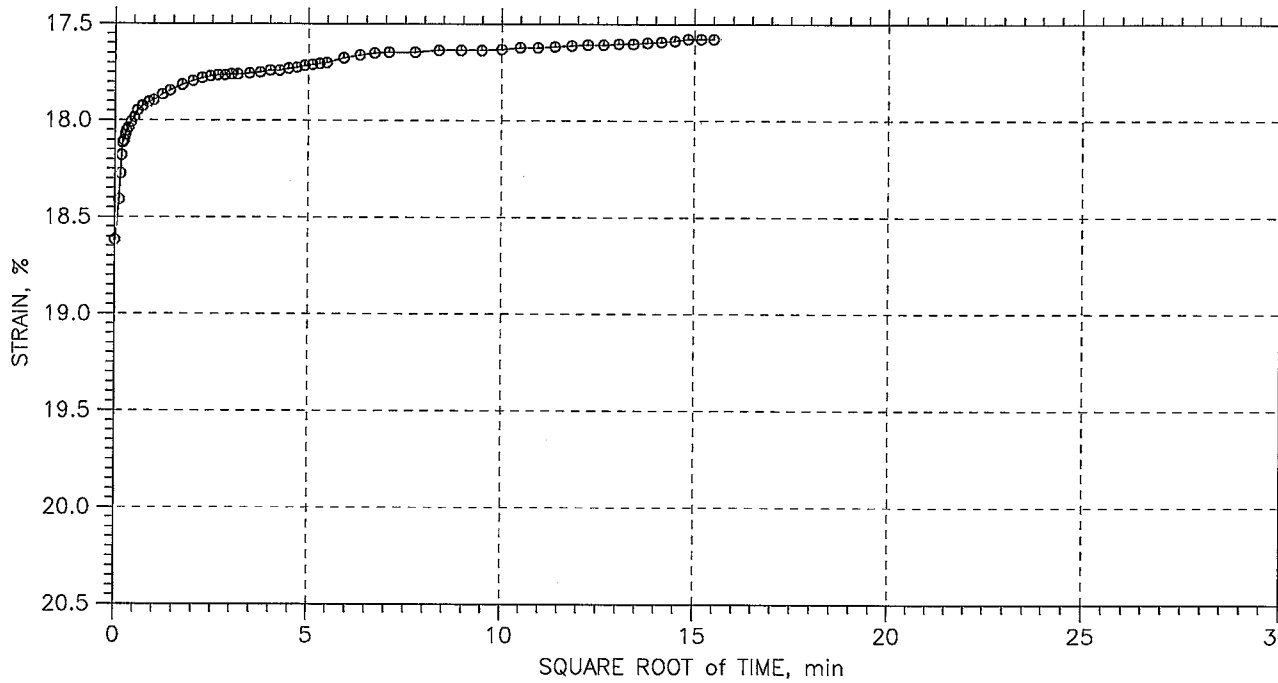
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

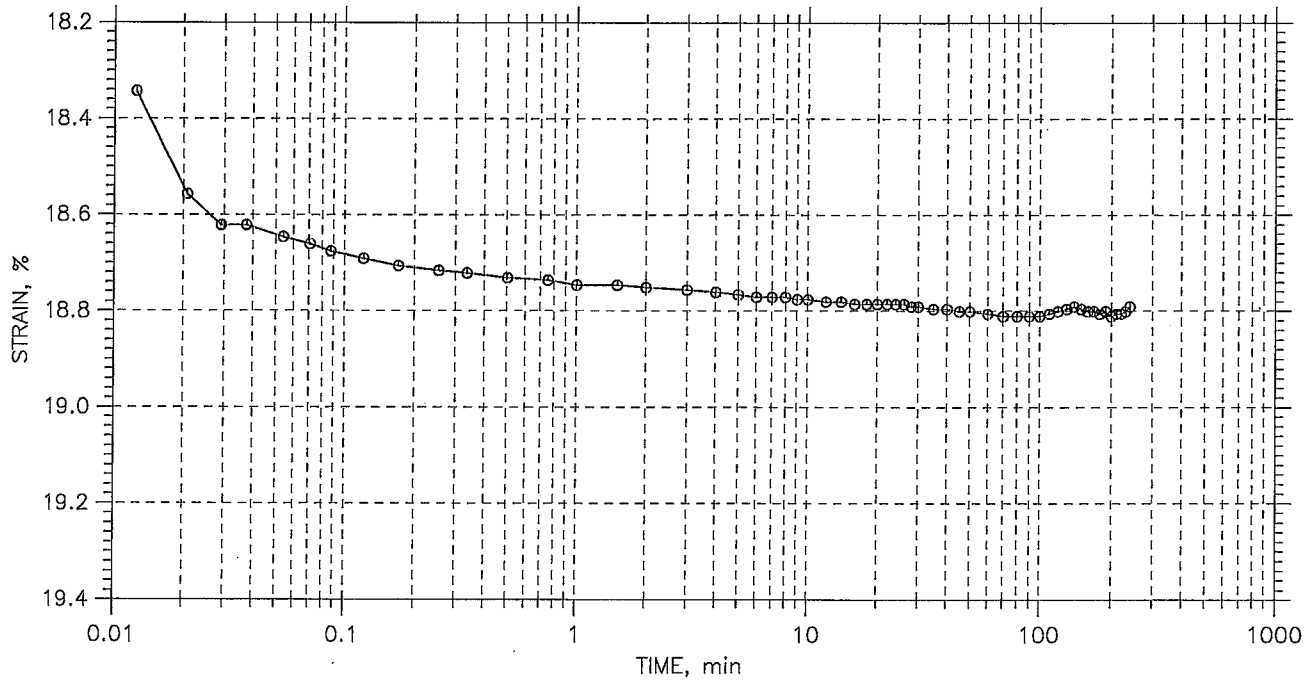
Mon, 09-APR-2007 12:04:59

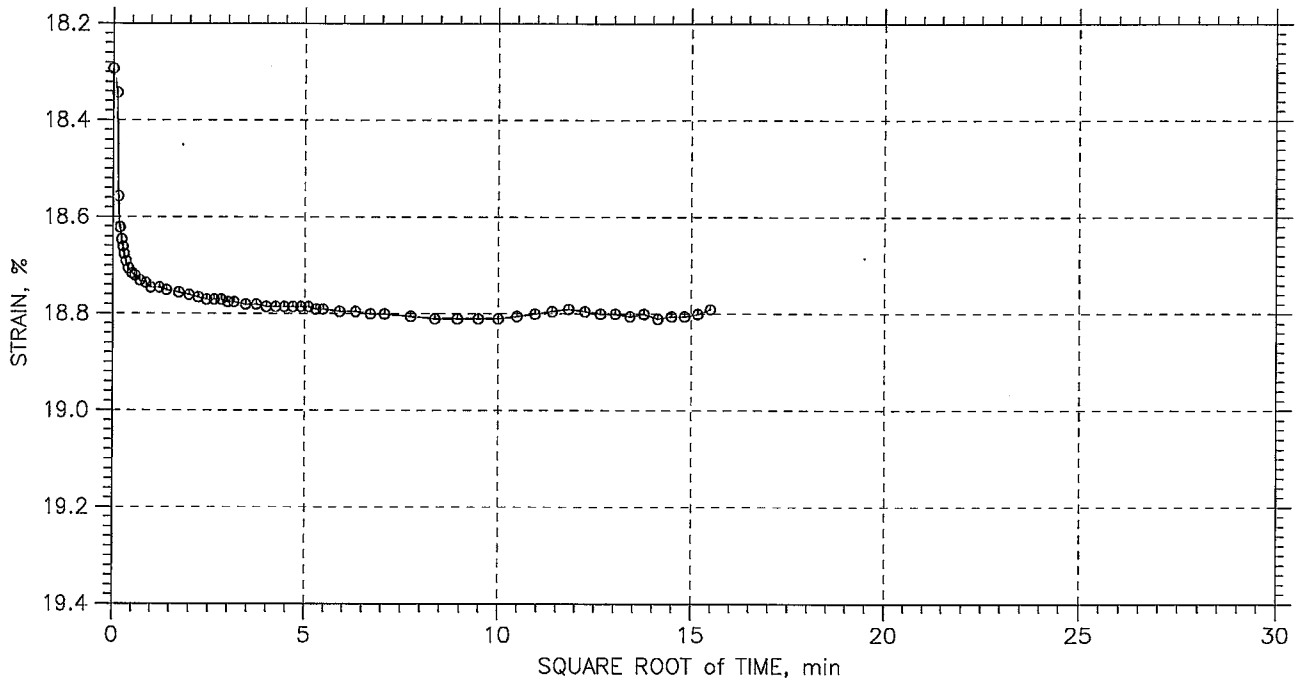
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

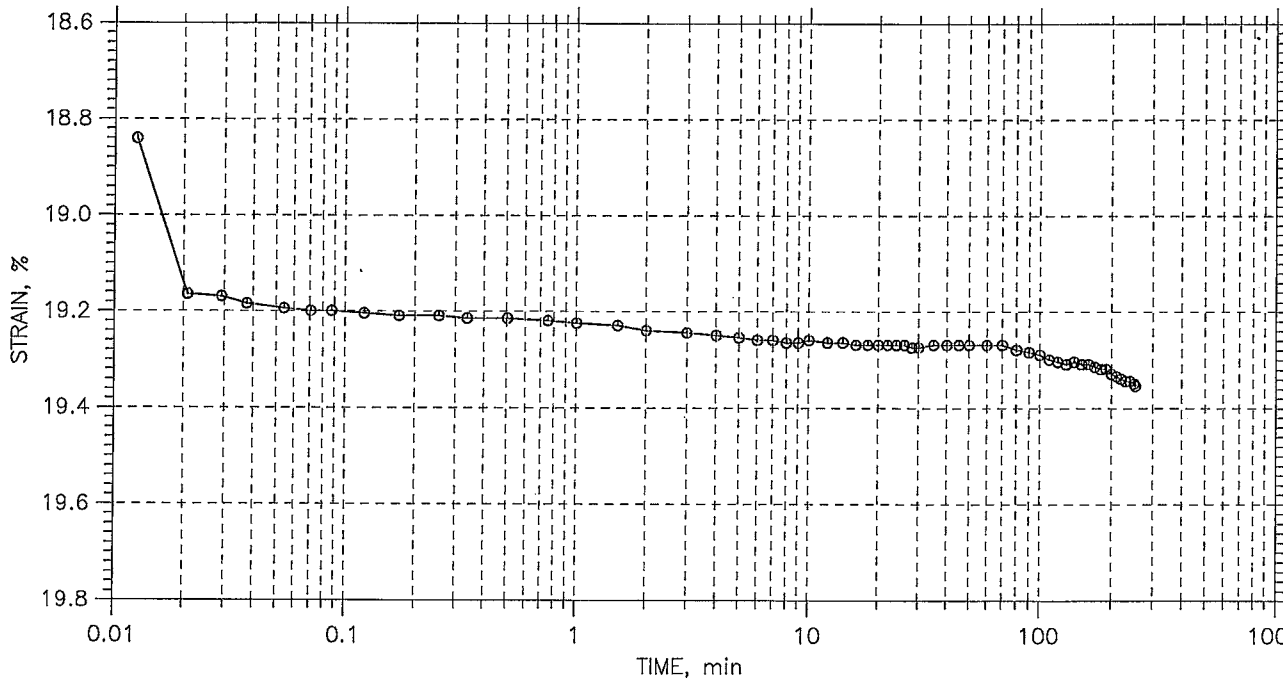
Mon, 09-APR-2007 12:05:01

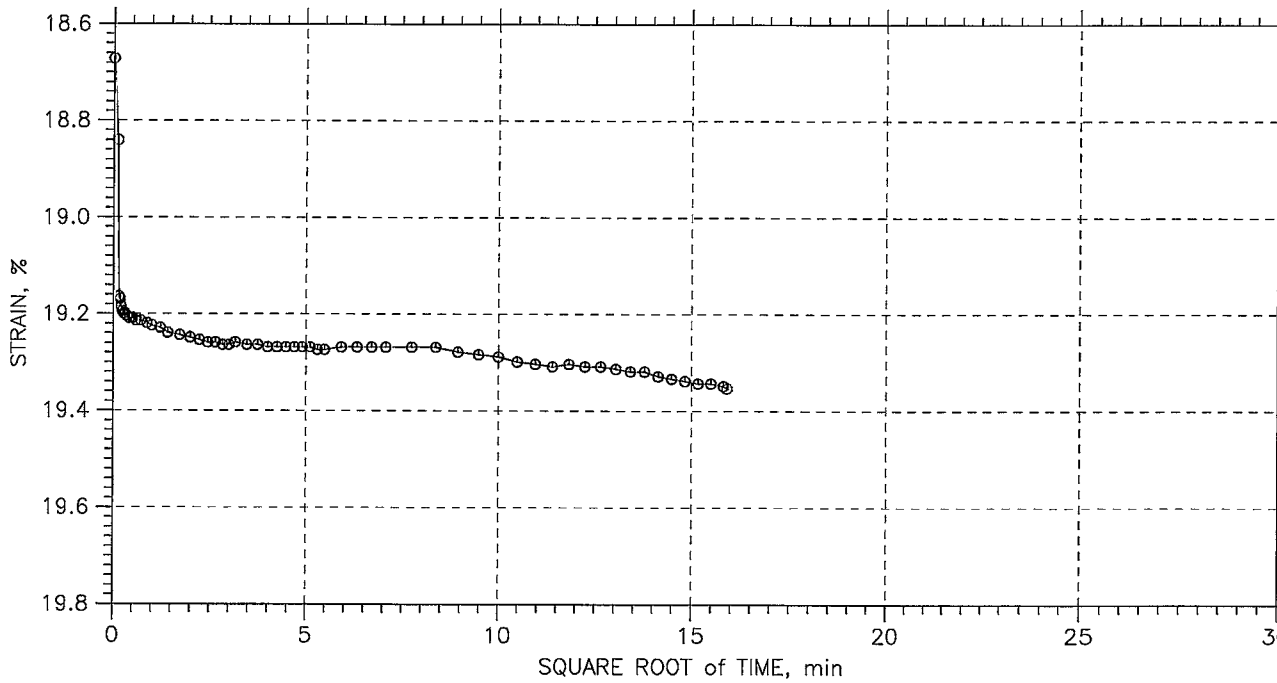
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

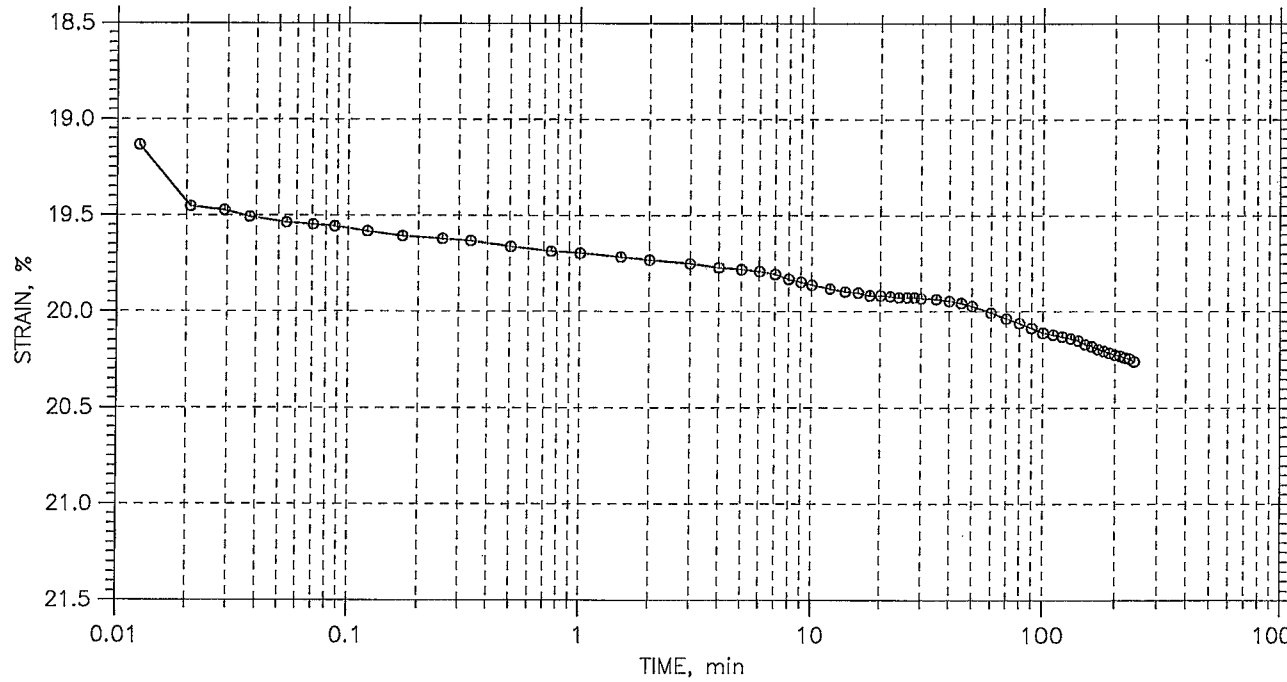
Mon, 09-APR-2007 12:05:04

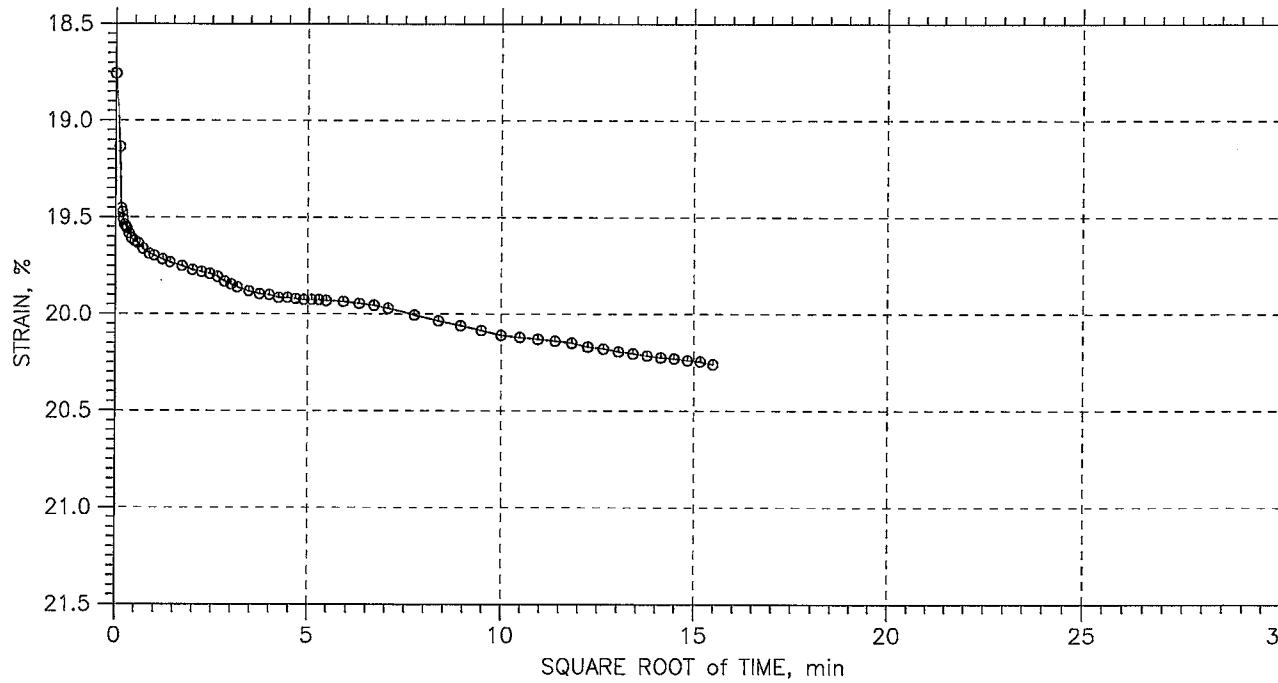
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



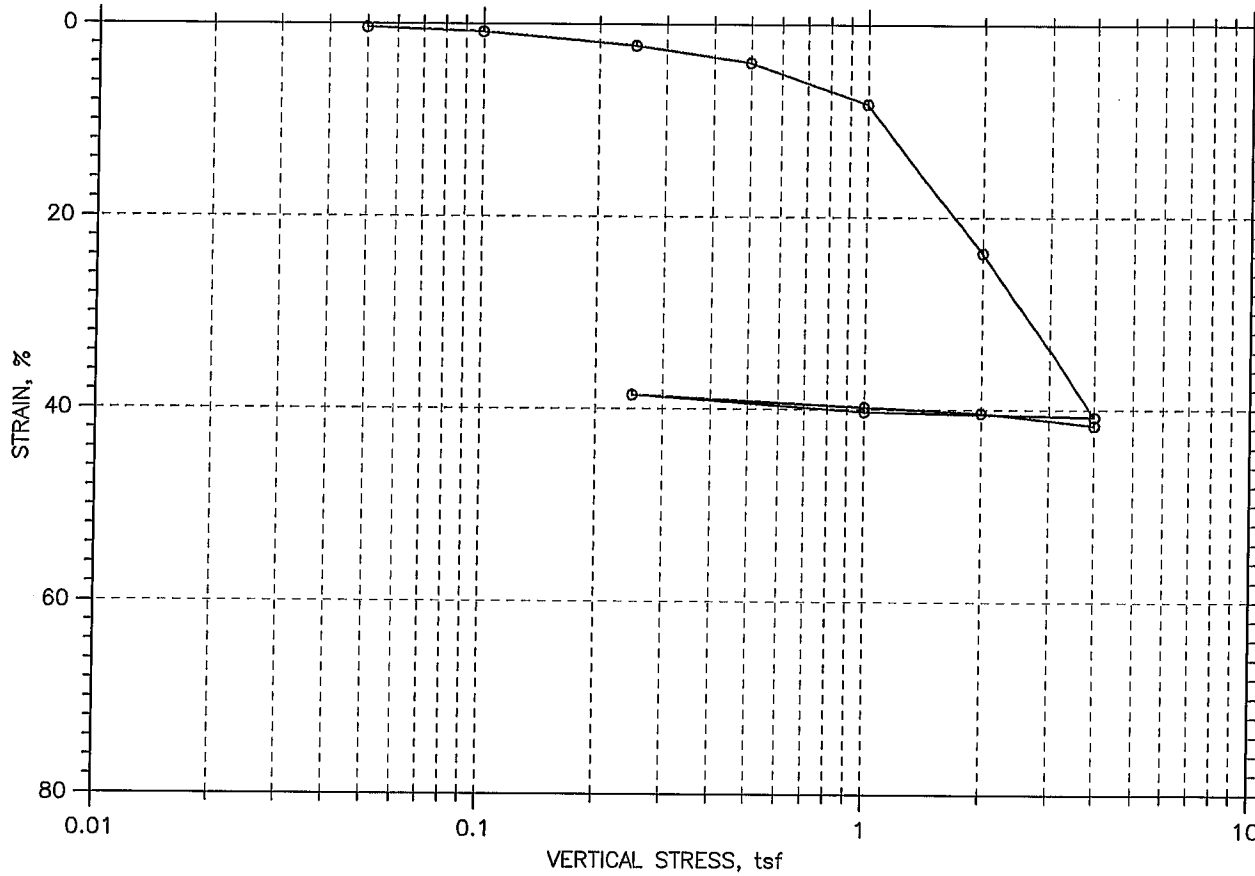


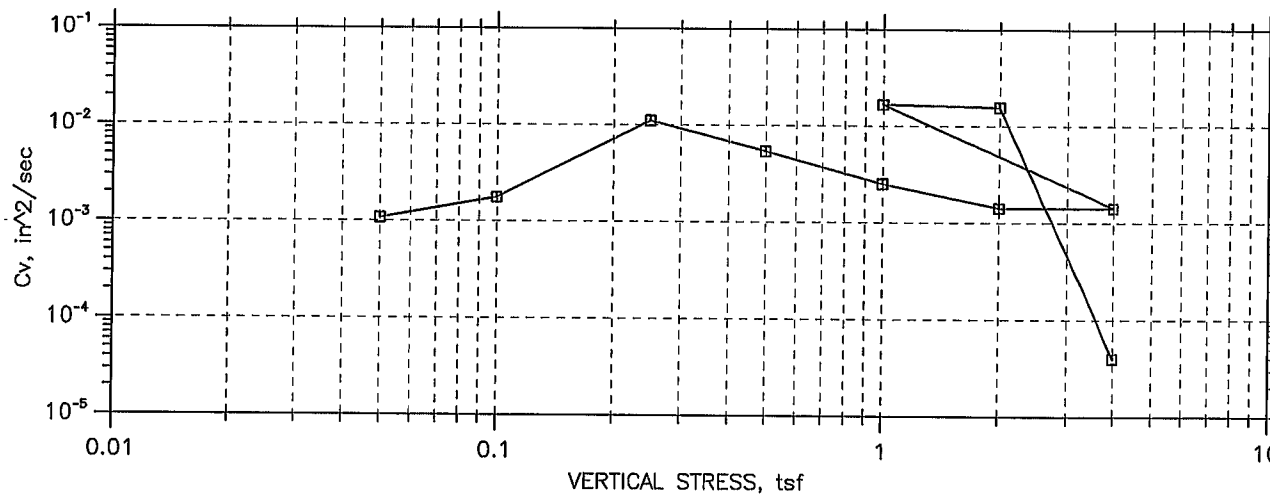
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-09	Tested By: md	Checked By: jdt
	Sample No.: 0299-09	Test Date: 02/09/07	Depth: 30-32 ft
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Moist, mottled white and bluish gray gravel with silt and sand		
	Remarks: System R		

Mon, 09-APR-2007 12:05:07

CONSOLIDATION TEST DATA

SUMMARY REPORT



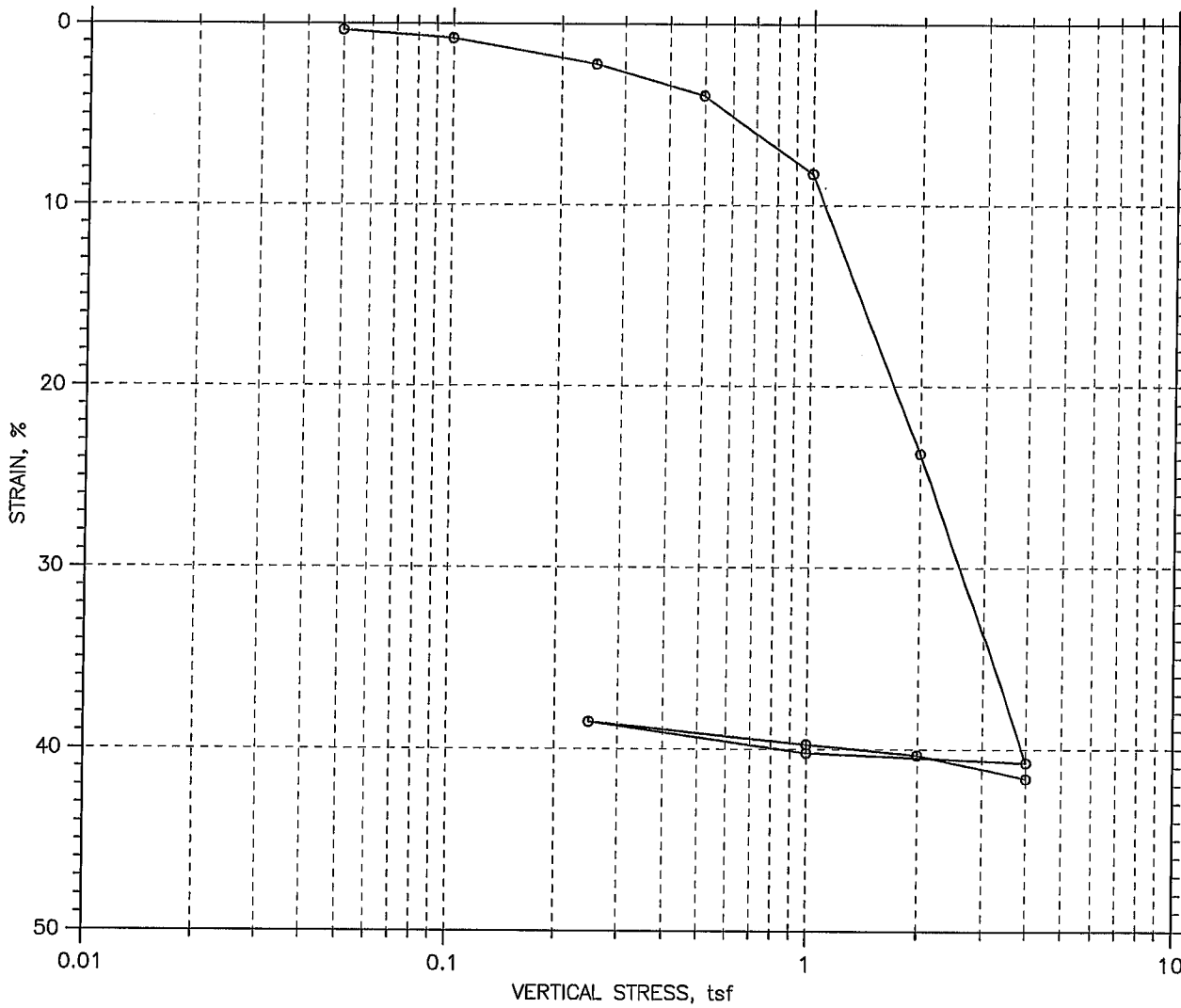


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Wed, 16-MAY-2007 07:21:57

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	427.46	240.44
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	13.	22.27
Compression Index: ---				Saturation, %	96.77	99.40
Diameter: 2.5 in		Height: 1 in		Void Ratio	11.48	6.29
LL: 181	PL: 133	PI: 48	GS: 2.60			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Wed, 16-MAY-2007 07:21:57

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-12
Sample No.: 0300-08
Test No.: C-25

Location: Syracuse, NY
Tested By: md
Test Date: 04/27/07
Sample Type: undisturbed

Project No.: GTX-7143
Checked By: jdt
Depth: 12-14 ft
Elevation: ---

Soil Description: Moist, gray silt
Remarks: System R

Measured Specific Gravity: 2.60
Initial Void Ratio: 11.48
Final Void Ratio: 6.29

Liquid Limit: 181
Plastic Limit: 133
Plasticity Index: 48

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	NOG	RING		
Wt. Container + Wet Soil, gm	198.07	197.59	166.26	67.01
Wt. Container + Dry Soil, gm	47.68	125.98	125.98	25.51
Wt. Container, gm	8.46	109.23	109.23	8.25
Wt. Dry Soil, gm	39.22	16.752	16.752	17.26
Water Content, %	383.45	427.46	240.44	240.44
Void Ratio	---	11.48	6.29	---
Degree of Saturation, %	---	96.77	99.40	---
Dry Unit Weight, pcf	---	13.001	22.267	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB-13-12
Sample No.: 0300-08
Test No.: C-25

Location: Syracuse, NY
Tested By: md
Test Date: 04/27/07
Sample Type: undisturbed

Project No.: GTX-7143
Checked By: jdt
Depth: 12-14 ft
Elevation: ---

Soil Description: Moist, gray silt
Remarks: System R

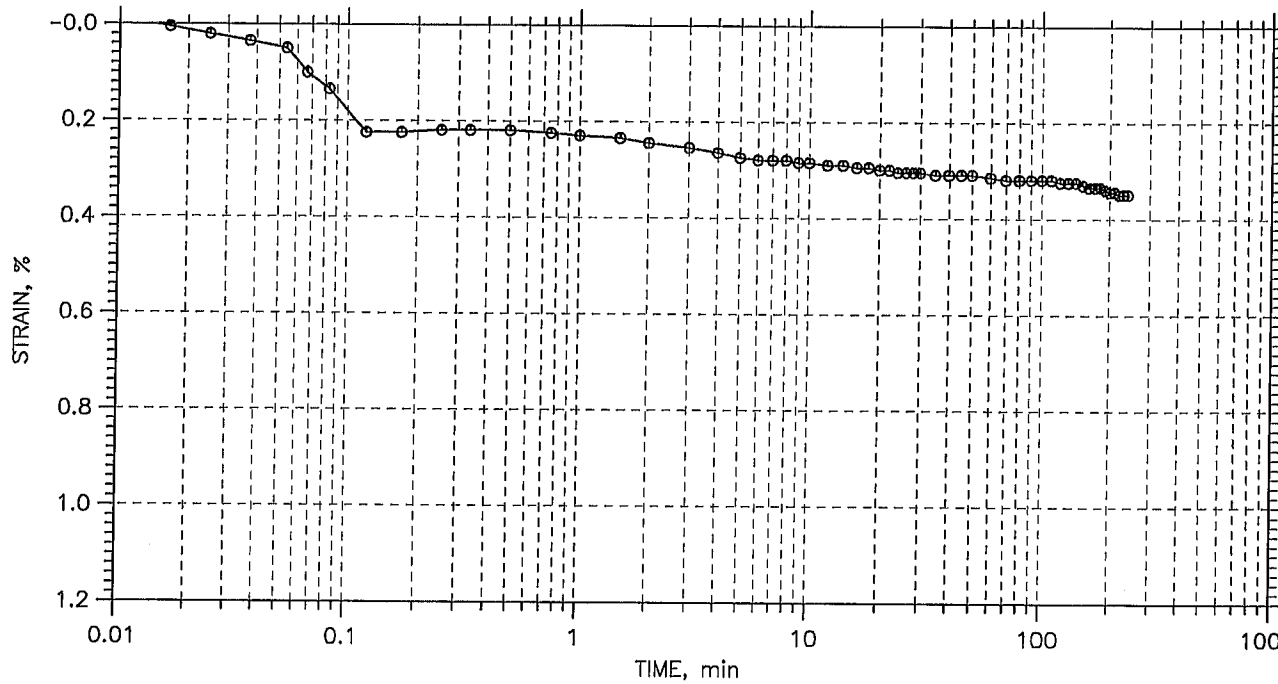
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.003483	11.441	0.35	1.4	0.1	5.78e-004	8.95e-003	1.09e-003
2	0.1	0.008014	11.385	0.80	0.5	0.0	1.77e-003	0.00e+000	1.77e-003
3	0.25	0.0222	11.208	2.22	0.1	0.1	9.96e-003	1.27e-002	1.12e-002
4	0.5	0.03952	10.991	3.95	0.2	0.1	3.55e-003	1.17e-002	5.44e-003
5	1	0.08253	10.454	8.25	0.5	0.1	1.57e-003	6.56e-003	2.53e-003
6	2	0.2369	8.527	23.69	0.5	0.3	1.18e-003	1.83e-003	1.43e-003
7	4	0.4073	6.400	40.73	0.3	0.2	1.36e-003	1.51e-003	1.43e-003
8	1	0.402	6.465	40.20	0.0	0.0	1.53e-002	0.00e+000	1.53e-002
9	0.25	0.3851	6.677	38.51	3.8	0.0	8.01e-005	0.00e+000	8.01e-005
10	1	0.3974	6.523	39.74	0.0	0.0	1.68e-002	0.00e+000	1.68e-002
11	2	0.4032	6.451	40.32	0.0	0.0	1.57e-002	0.00e+000	1.57e-002
12	4	0.4161	6.289	41.61	7.2	0.0	3.99e-005	0.00e+000	3.99e-005

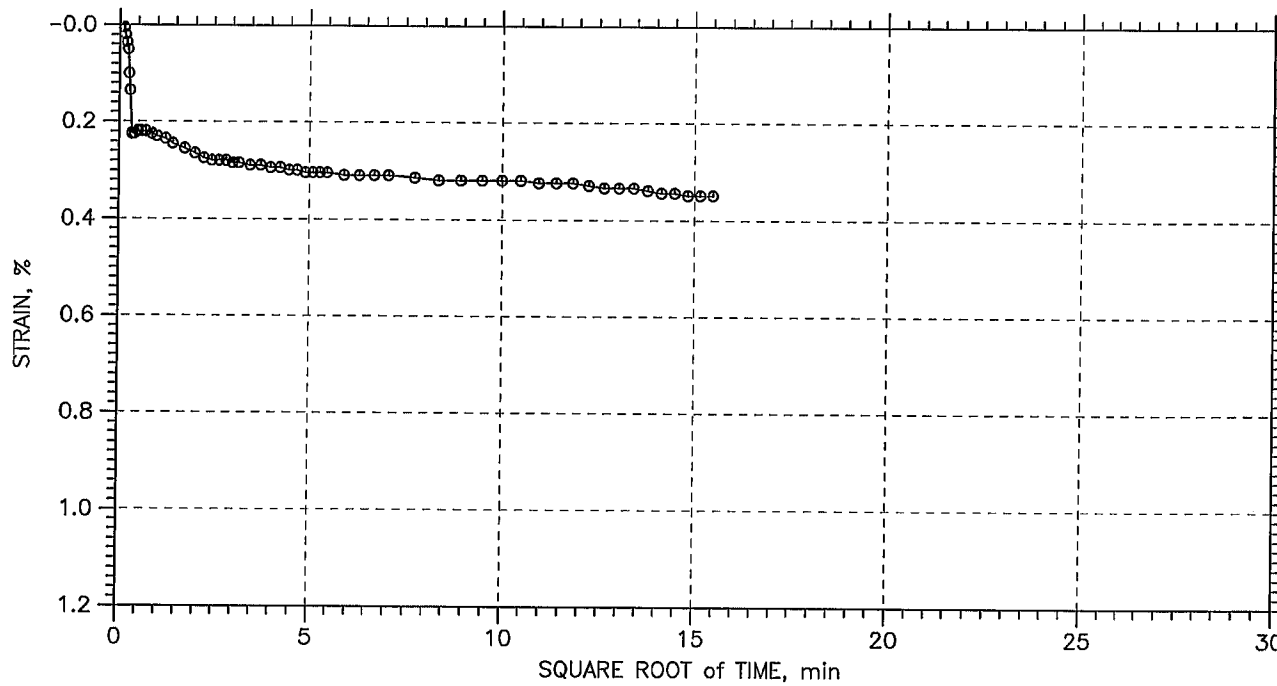
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

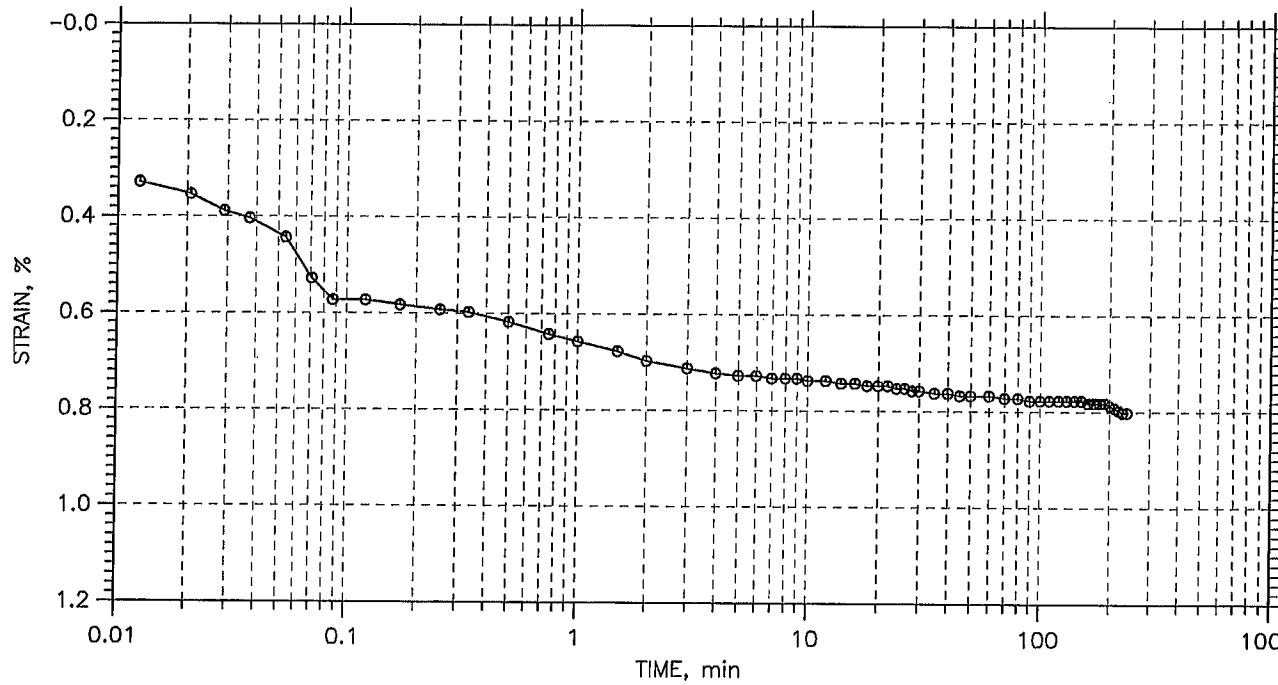
Wed, 16-MAY-2007 07:22:13

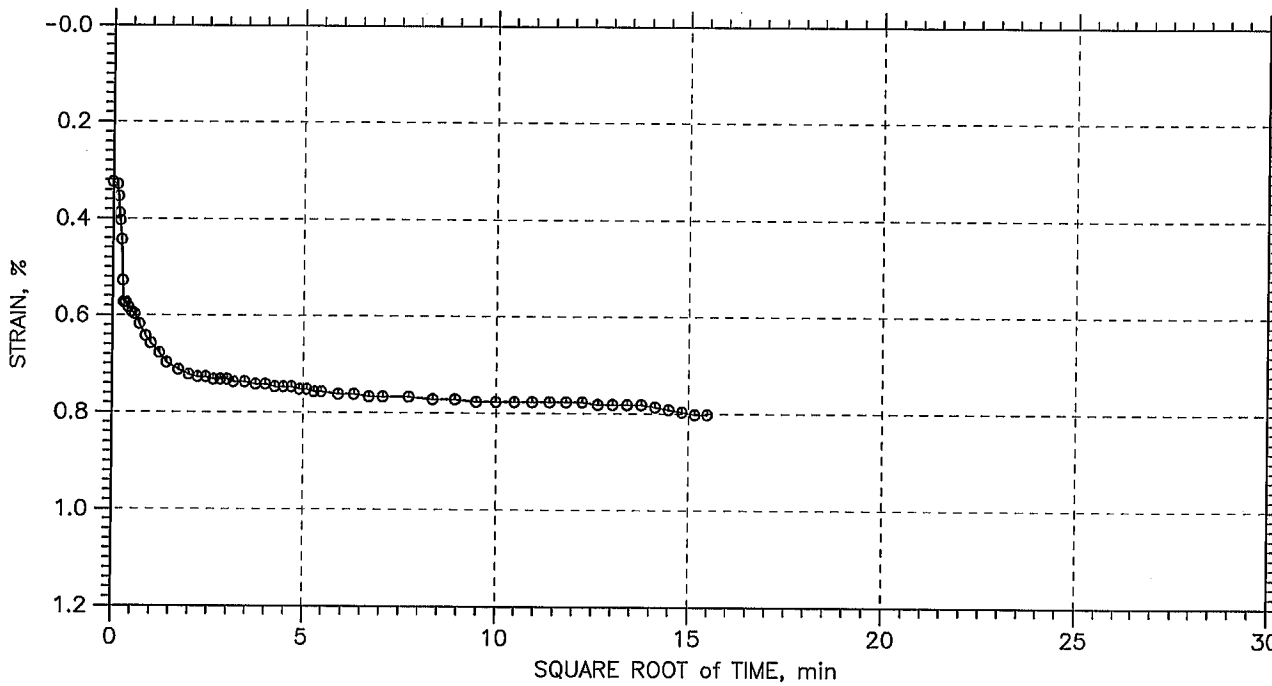
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

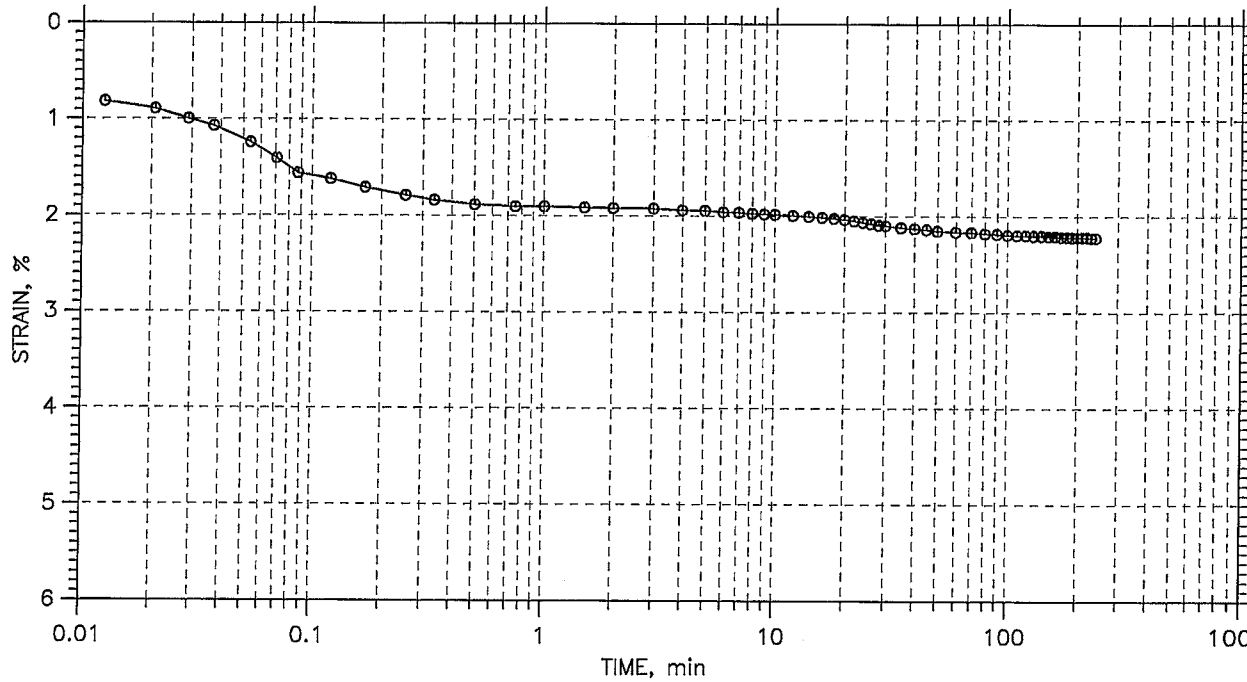
Wed, 16-MAY-2007 07:22:23

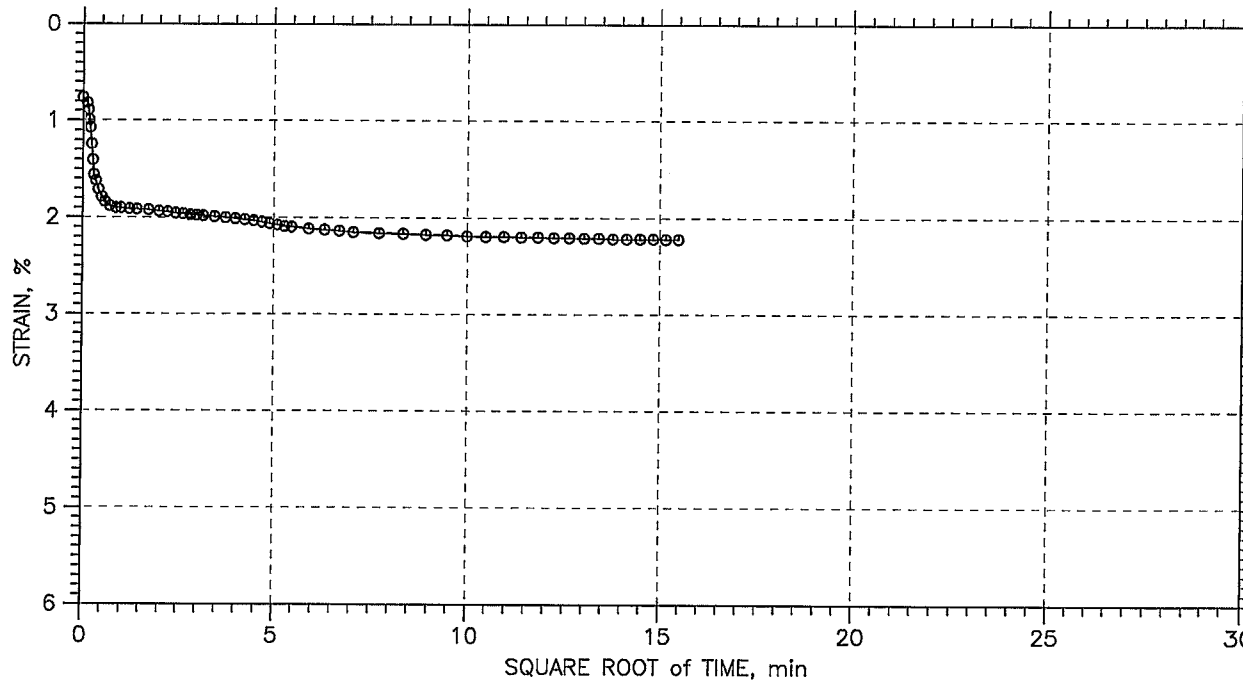
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

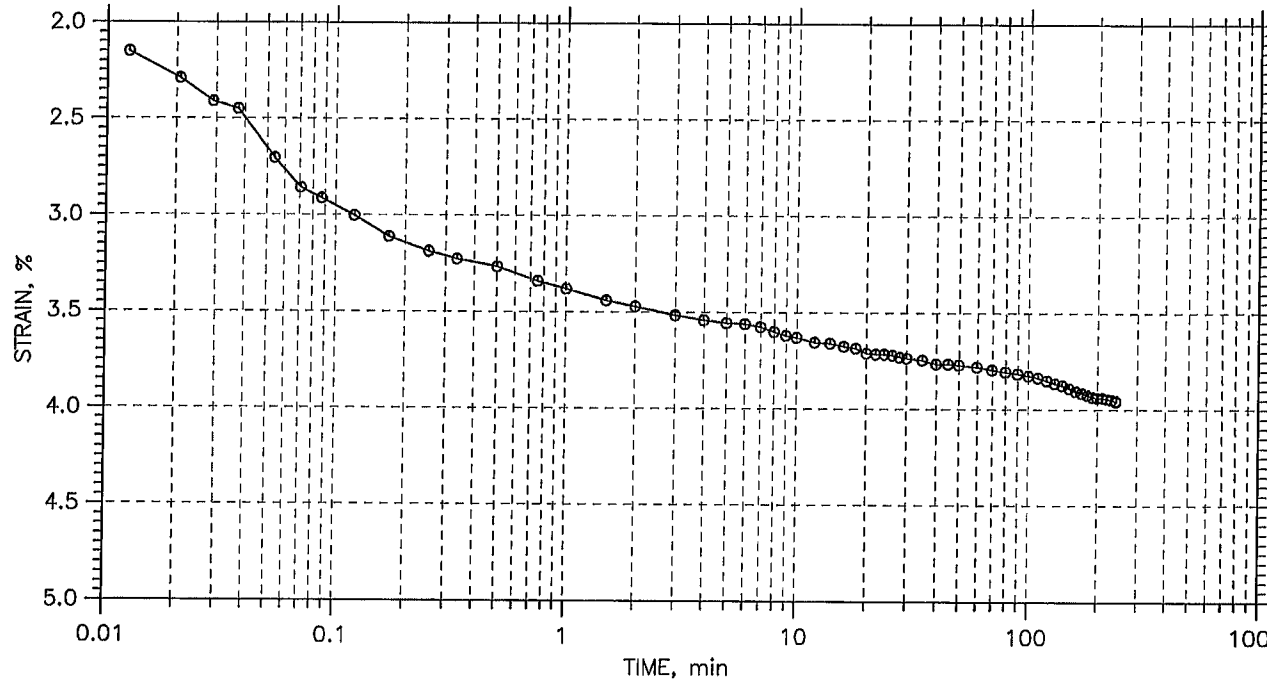
Wed, 16-MAY-2007 07:22:42

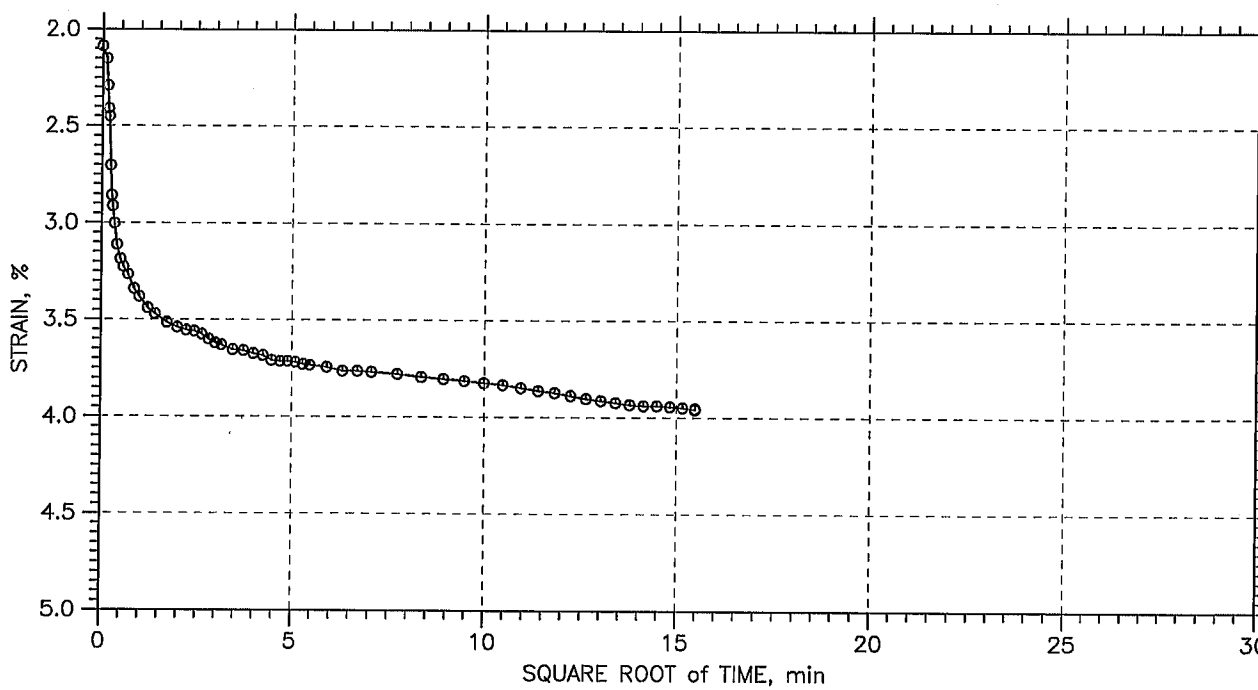
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

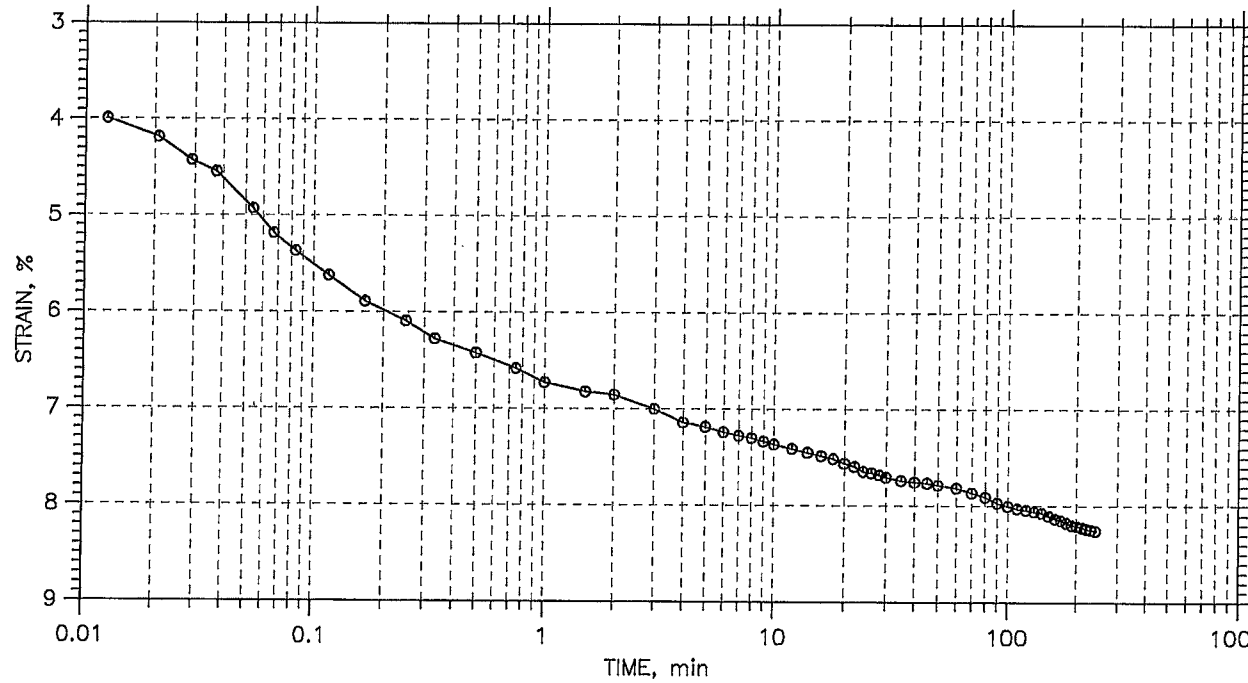
Wed, 16-MAY-2007 07:21:57

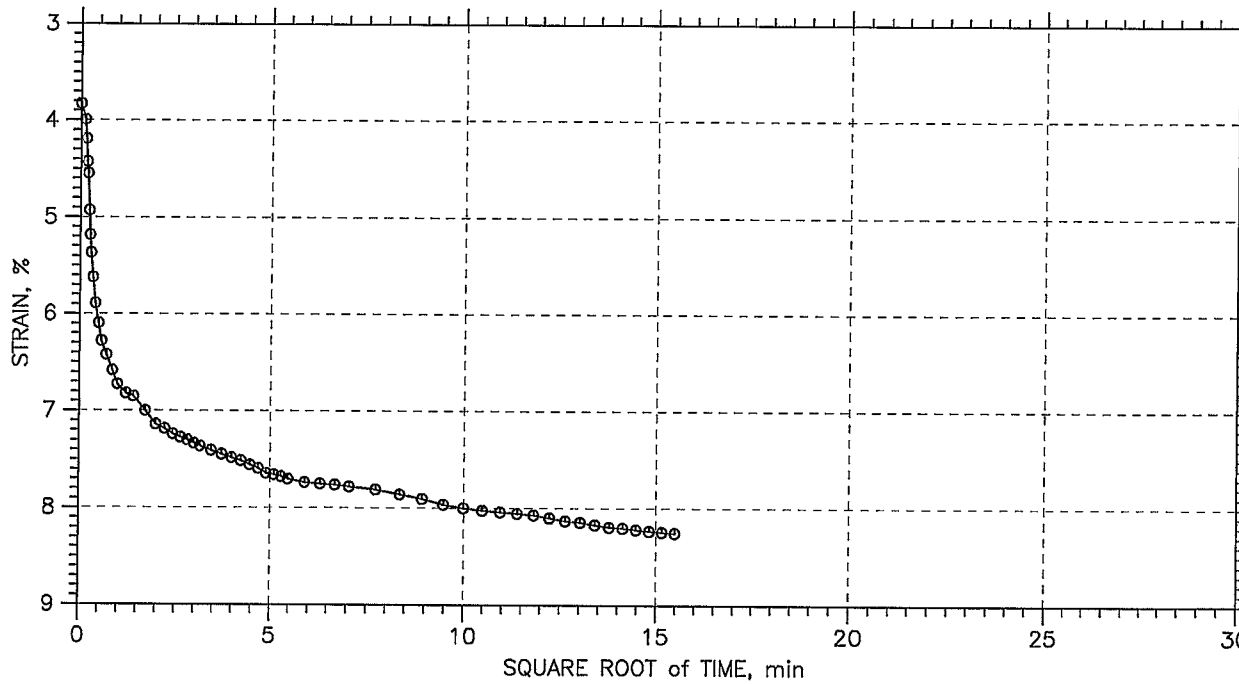
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

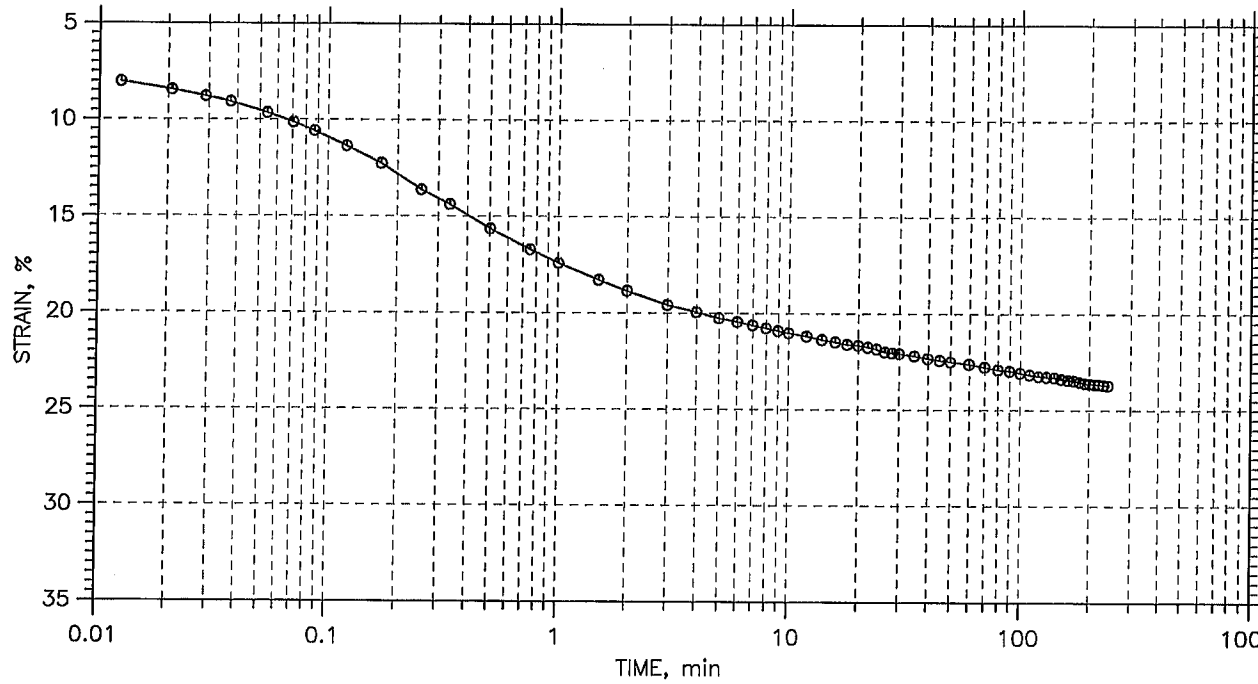
Wed, 16-MAY-2007 07:21:57

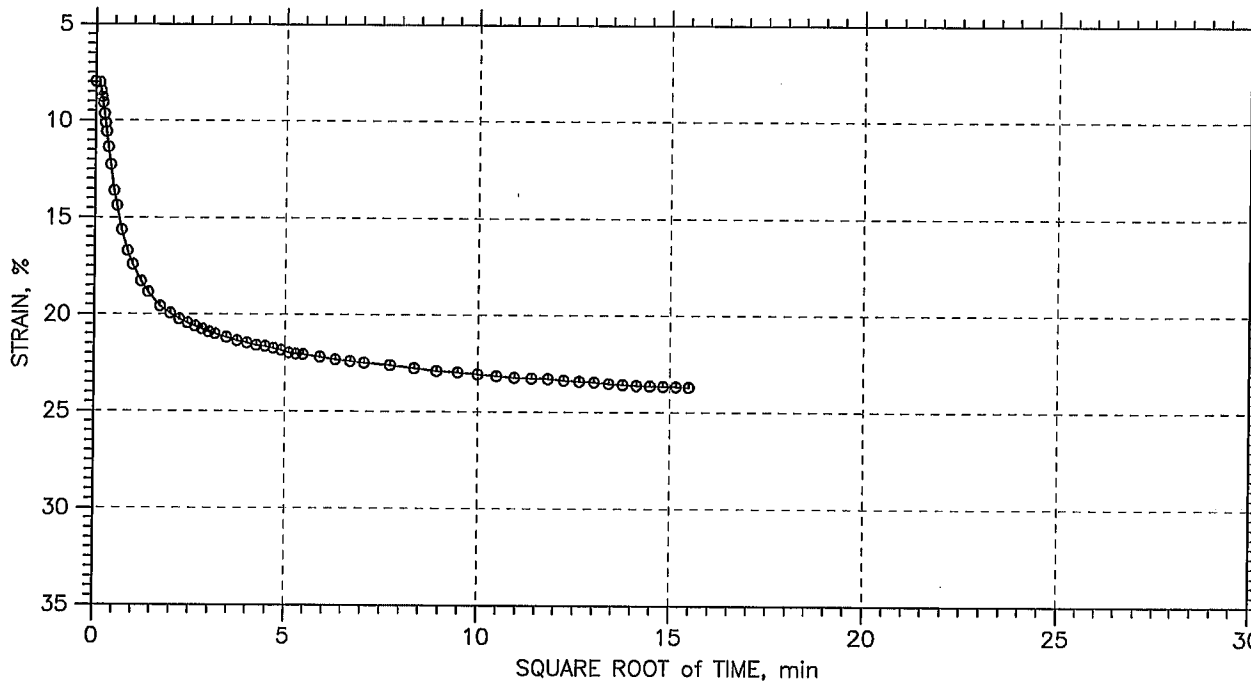
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

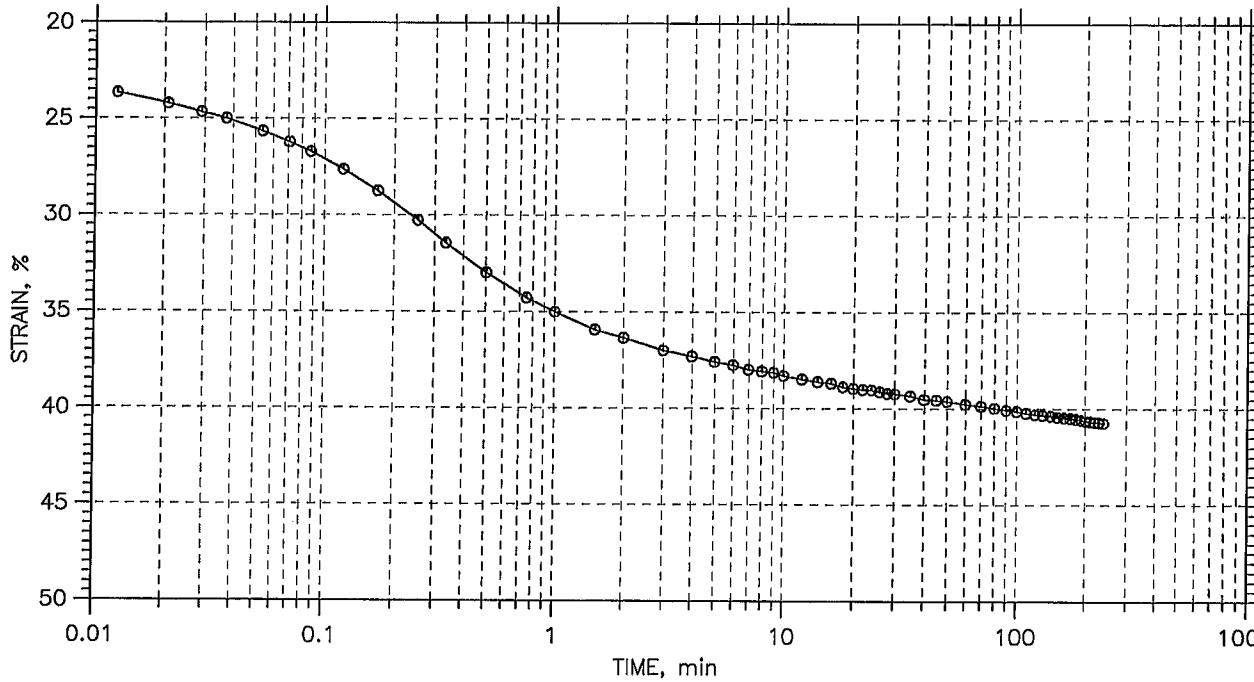
Wed, 16-MAY-2007 07:21:57

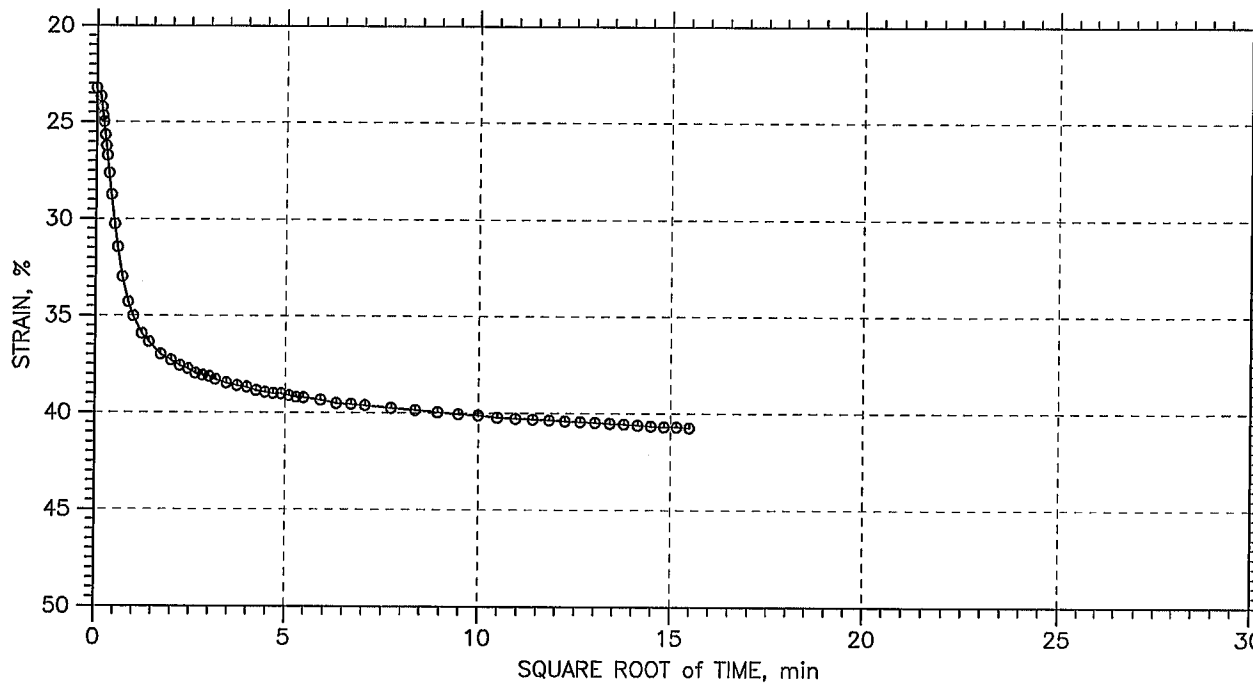
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

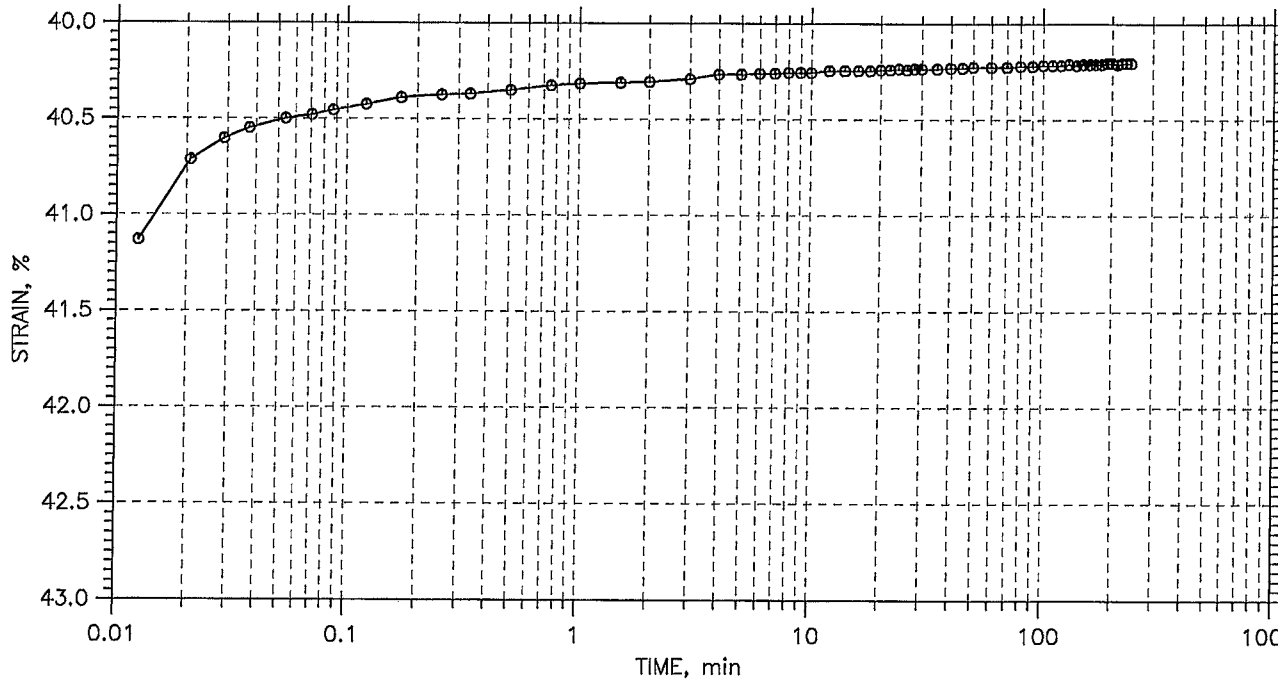
Wed, 16-MAY-2007 07:21:57

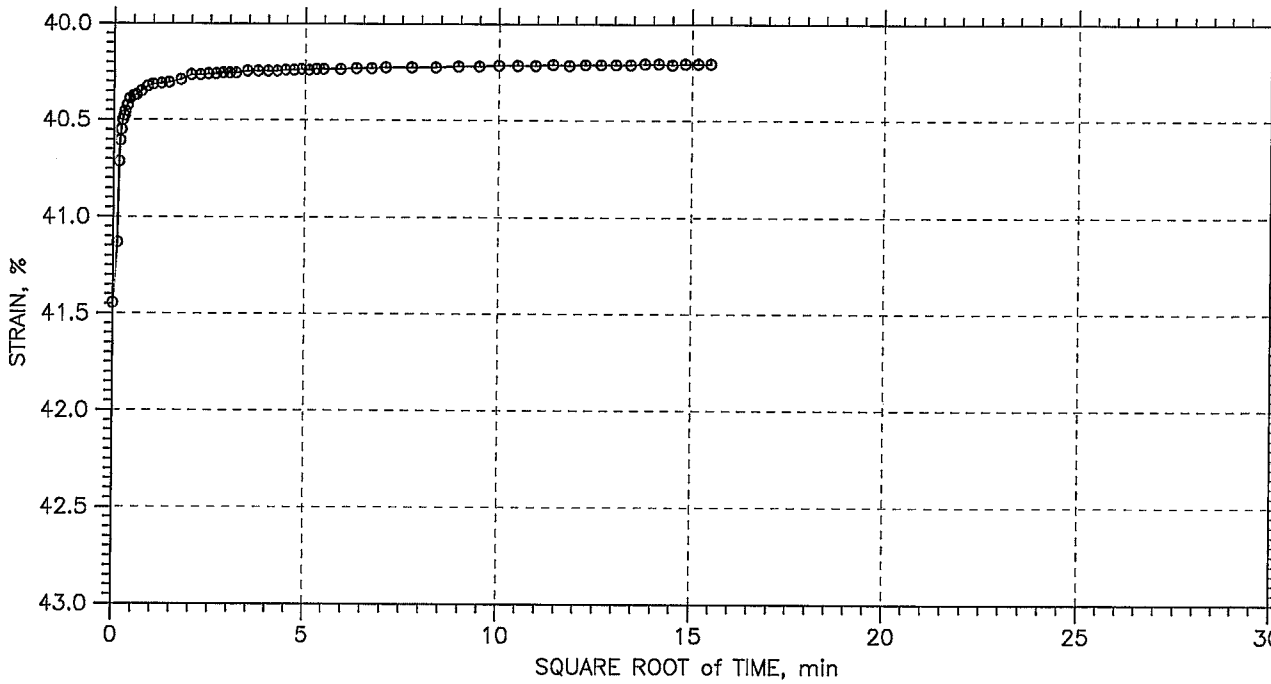
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

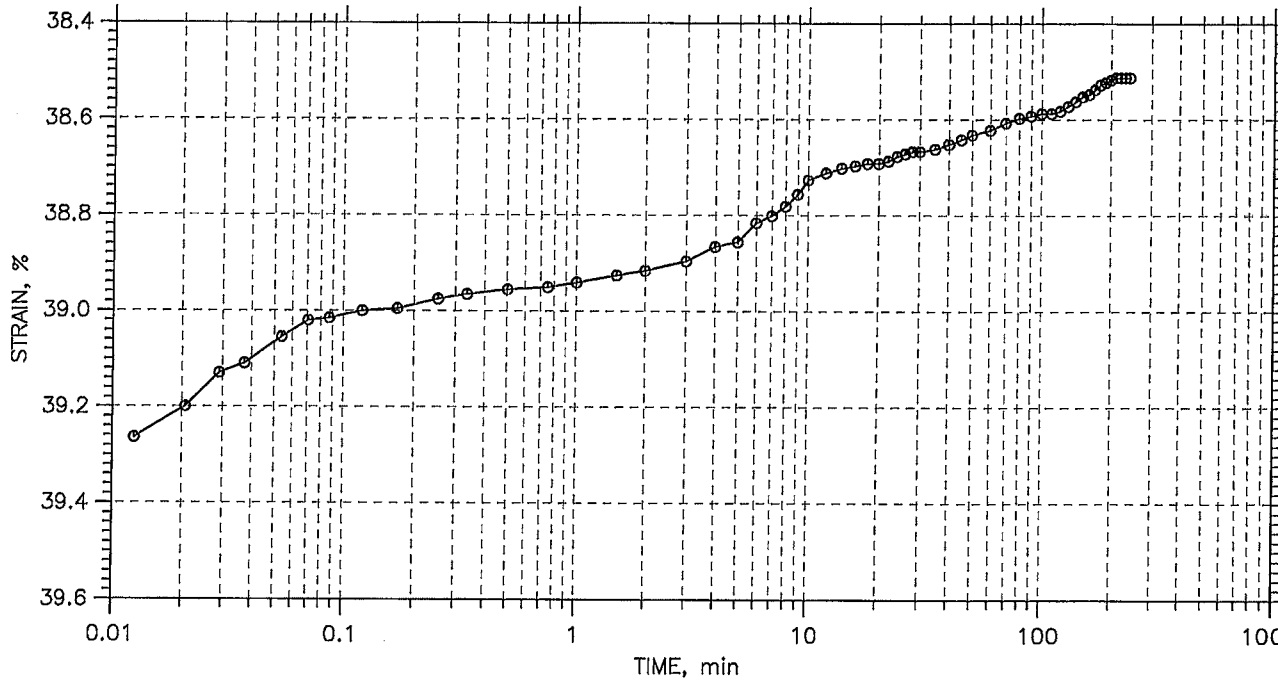
Wed, 16-MAY-2007 07:21:57

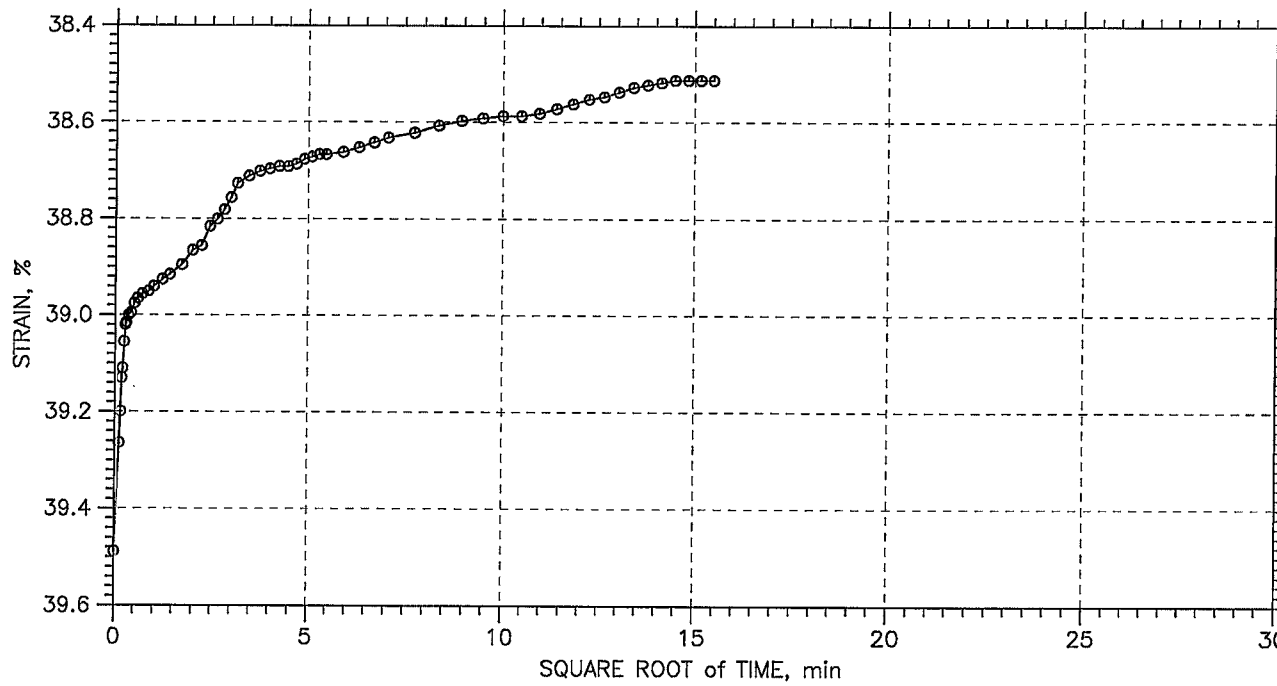
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

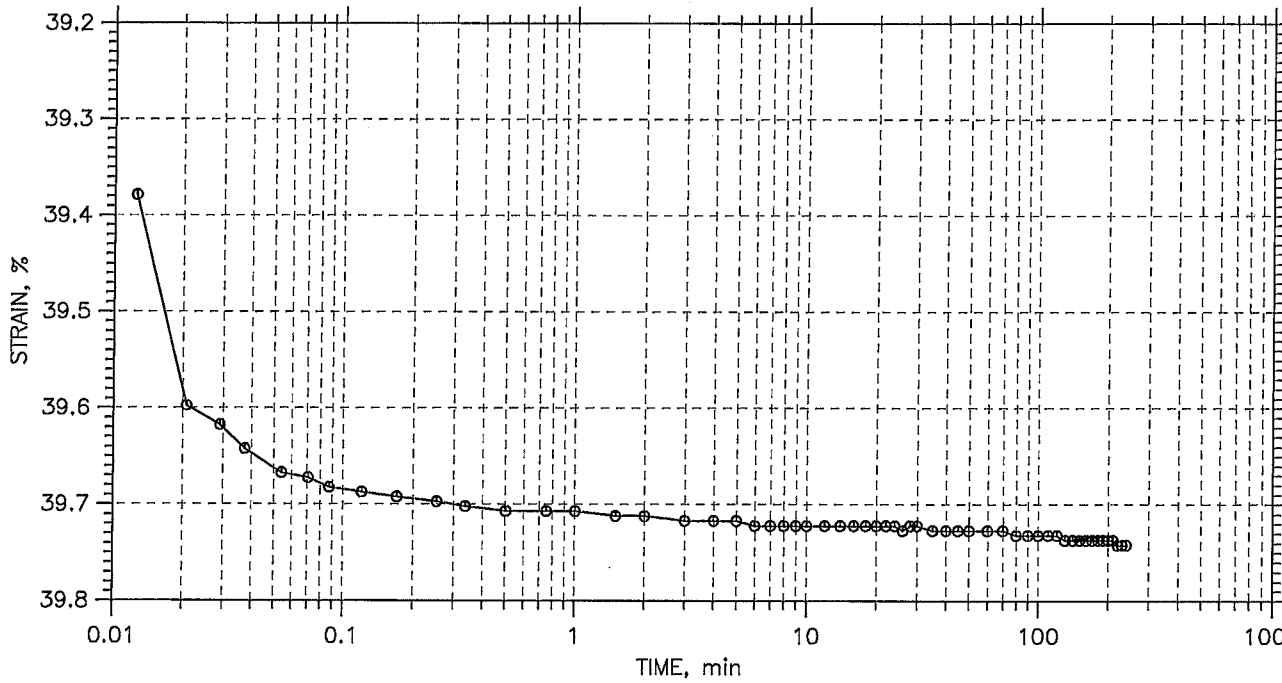
Wed, 16-MAY-2007 07:21:57

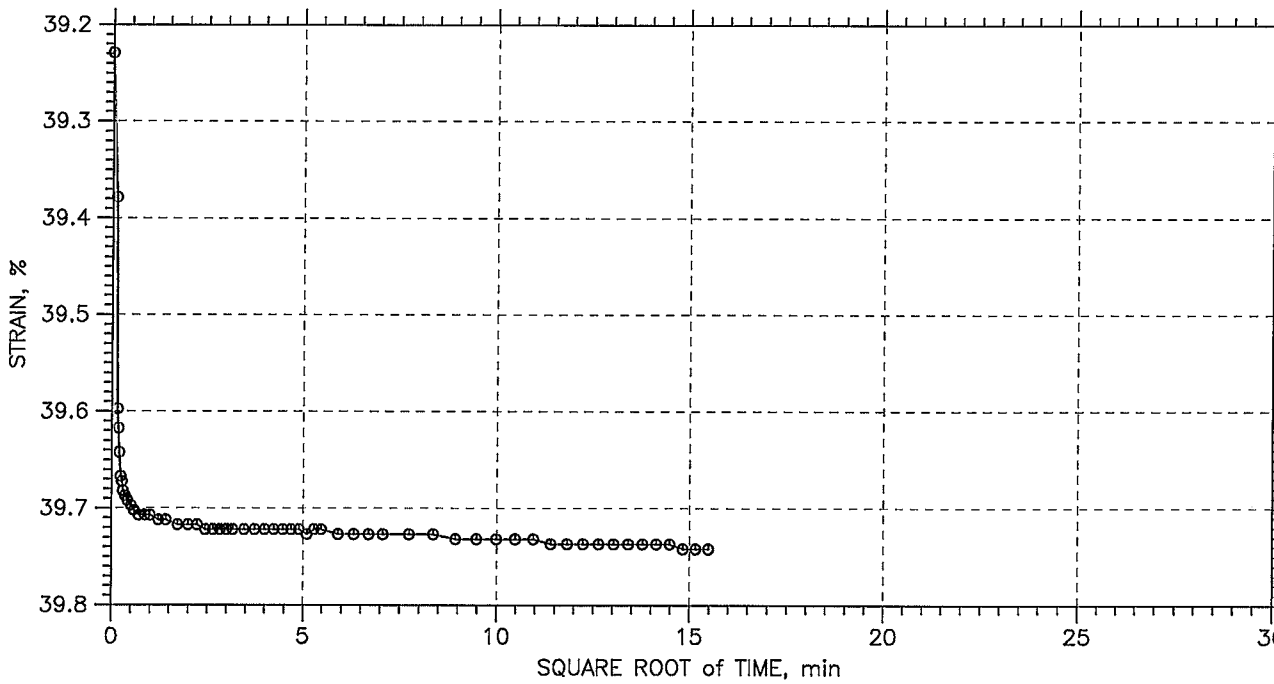
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

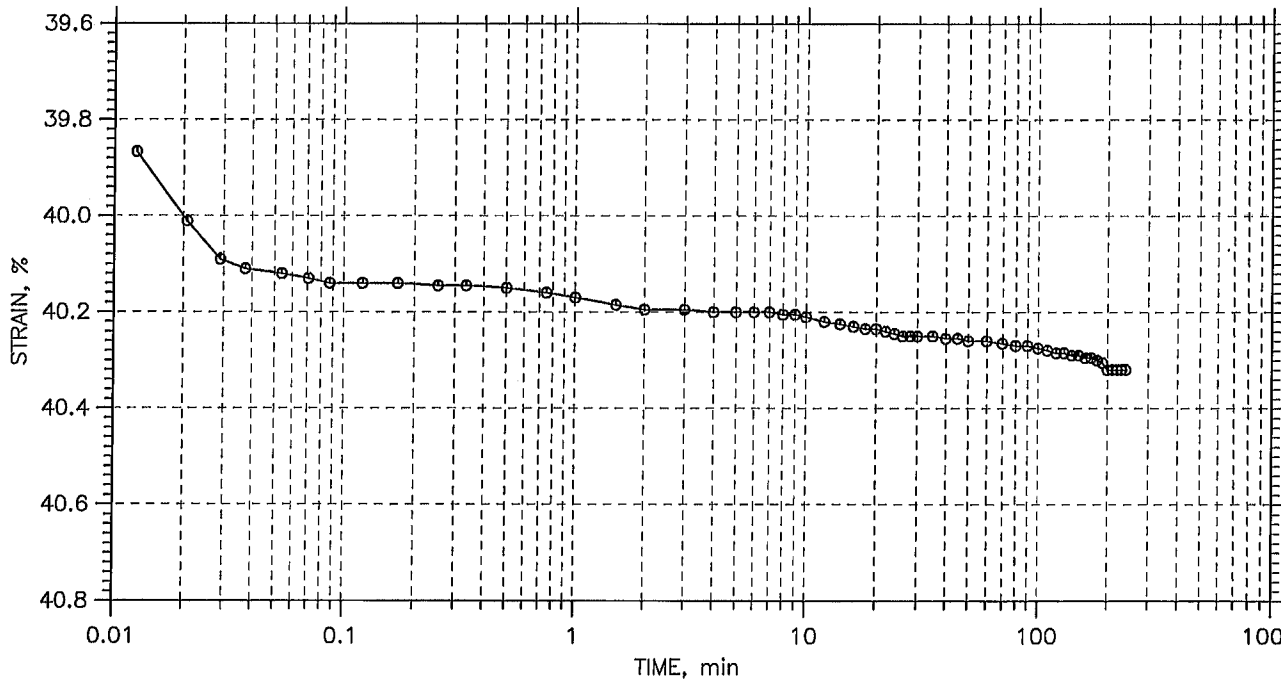
Wed, 16-MAY-2007 07:21:57

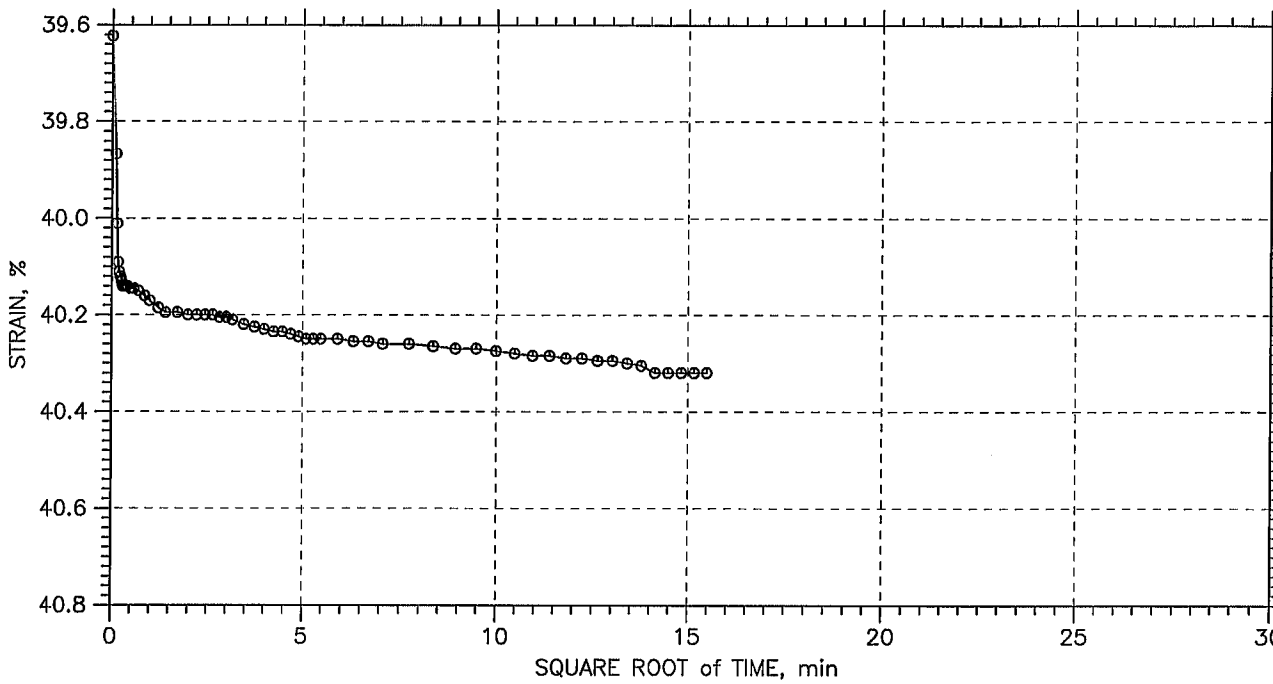
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

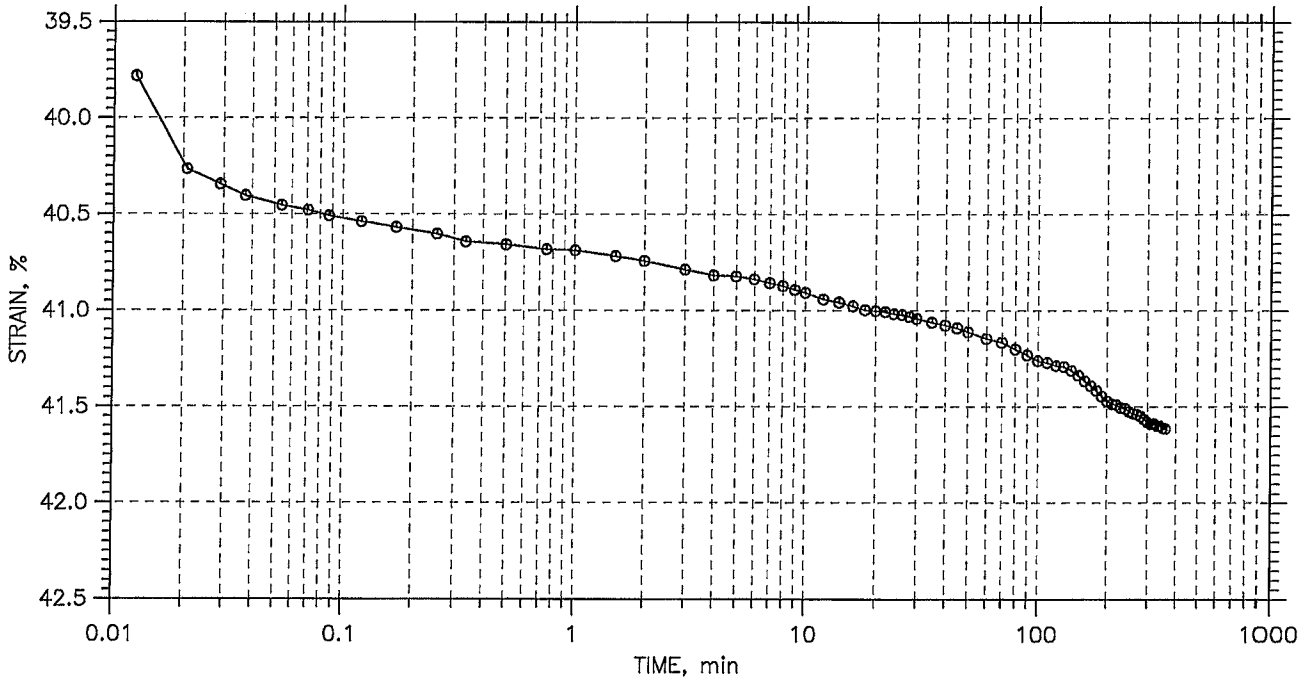
Wed, 16-MAY-2007 07:21:57

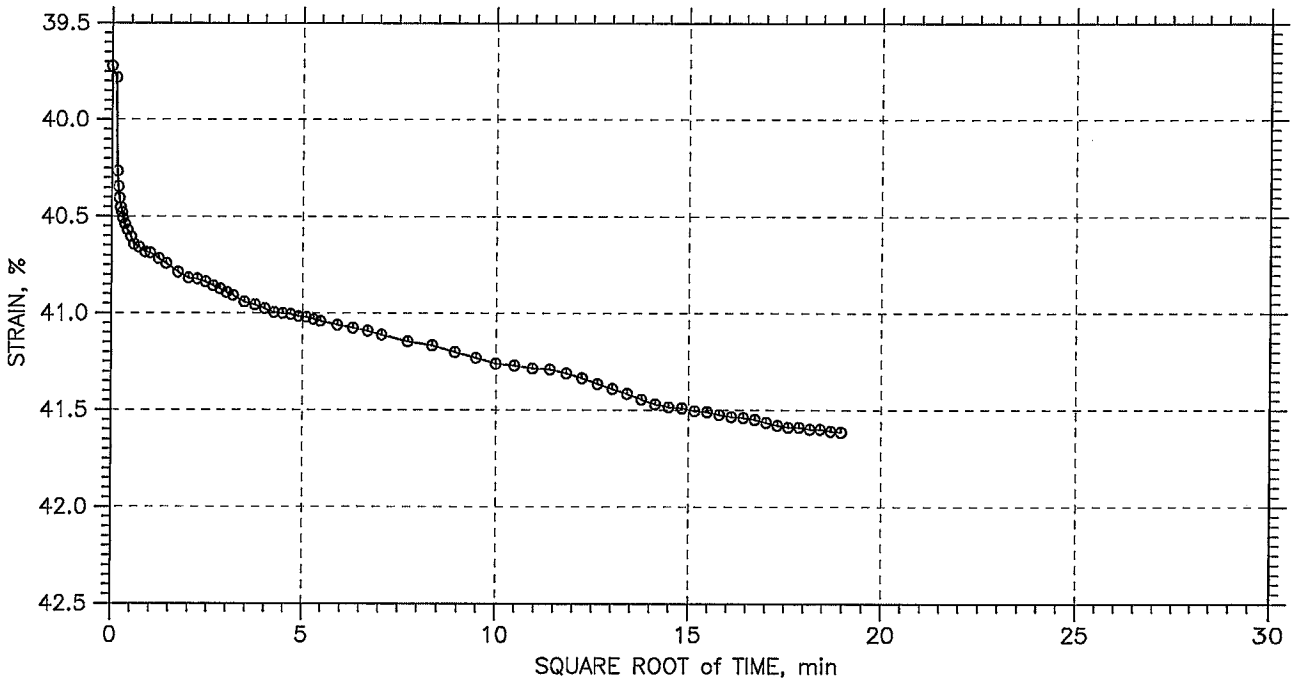
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



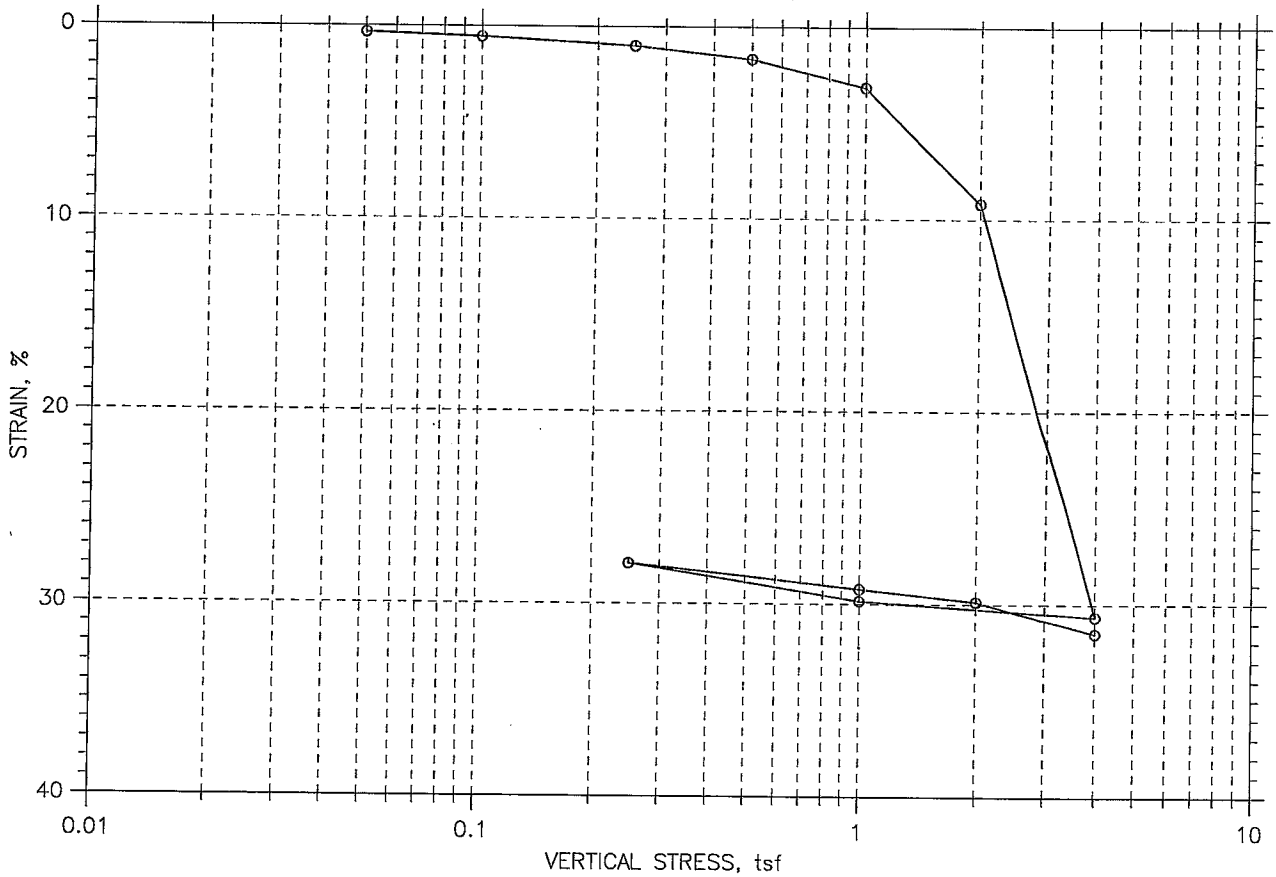


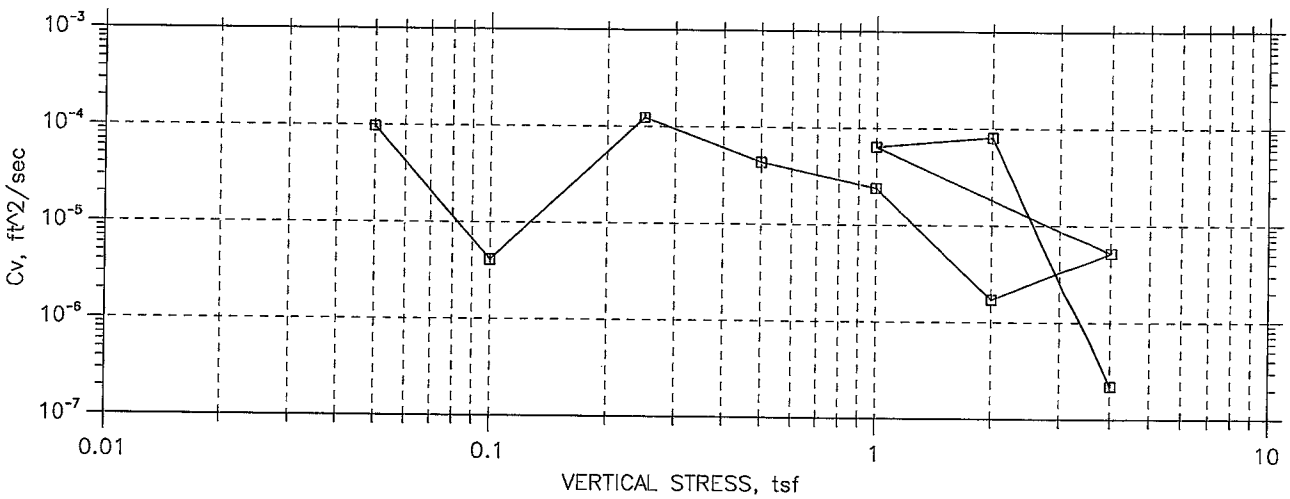
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB-13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-08	Test Date: 04/27/07	Depth: 12-14 ft
	Test No.: C-25	Sample Type: undisturbed	Elevation: ---
	Description: Moist, gray silt		
	Remarks: System R		

Wed, 16-MAY-2007 07:21:57

CONSOLIDATION TEST DATA

SUMMARY REPORT



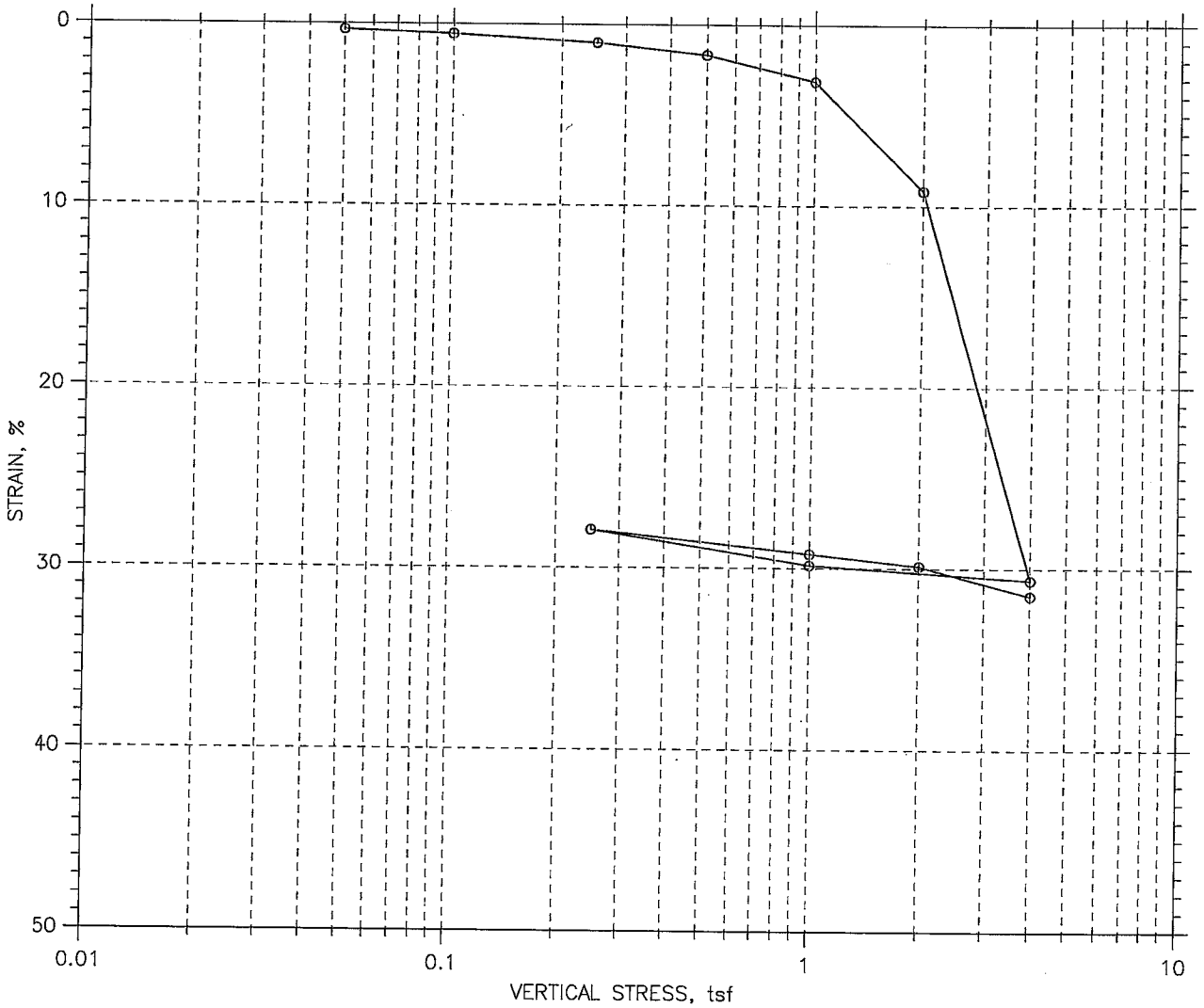


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

Mon, 09-APR-2007 11:42:22

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	323.67	220.09
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	16.49	24.07
Compression Index: ---				Saturation, %	95.39	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	8.65	5.61
LL: 204	PL: 146	PI: 58	GS: 2.55			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

Mon, 09-APR-2007 11:42:24

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-12
Sample No.: 0300-09
Test No.: C-5A

Location: Syracuse, NY
Tested By: md
Test Date: 02/26/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, light gray silt
Remarks: System Q

Measured Specific Gravity: 2.55
Initial Void Ratio: 8.65
Final Void Ratio: 5.61

Liquid Limit: 204
Plastic Limit: 146
Plasticity Index: 58

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2605	RING		18
Wt. Container + Wet Soil, gm	108.79	306.44	284.43	78.07
Wt. Container + Dry Soil, gm	30.95	237.66	237.66	30.09
Wt. Container, gm	8.18	216.41	216.41	8.29
Wt. Dry Soil, gm	22.77	21.25	21.25	21.8
Water Content, %	341.85	323.67	220.09	220.09
Void Ratio	---	8.65	5.61	---
Degree of Saturation, %	---	95.39	99.99	---
Dry Unit Weight, pcf	---	16.492	24.074	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-12
Sample No.: 0300-09
Test No.: C-5A

Location: Syracuse, NY
Tested By: md
Test Date: 02/26/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 30-32 ft
Elevation: ---

Soil Description: Moist, light gray silt
Remarks: System Q

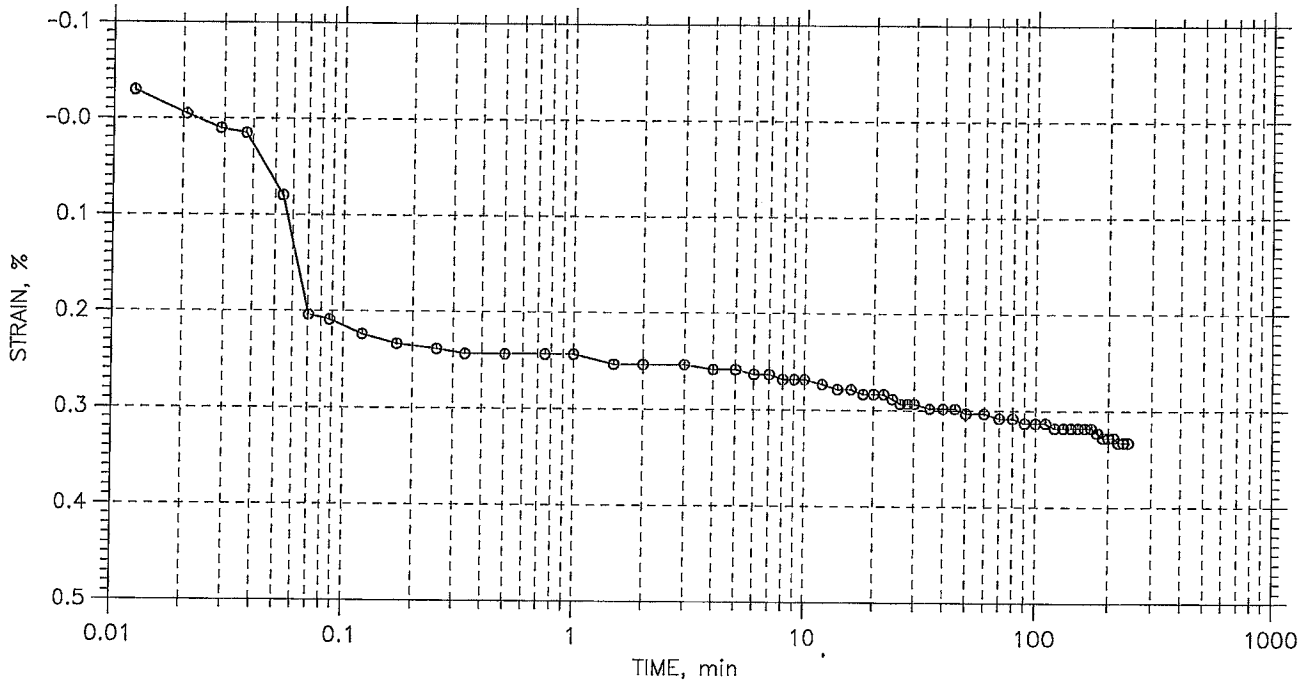
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.003327	8.621	0.33	0.1	0.1	1.00e-004	9.41e-005	9.71e-005
2	0.1	0.005558	8.599	0.56	1.4	0.0	4.10e-006	0.00e+000	4.10e-006
3	0.25	0.01007	8.556	1.01	0.0	0.0	1.21e-004	1.27e-004	1.24e-004
4	0.5	0.01672	8.491	1.67	0.2	0.0	2.57e-005	1.44e-004	4.36e-005
5	1	0.03126	8.351	3.13	0.4	0.1	1.42e-005	7.79e-005	2.41e-005
6	2	0.09155	7.769	9.15	2.9	0.0	1.71e-006	0.00e+000	1.71e-006
7	4	0.3063	5.697	30.63	0.7	0.7	4.90e-006	5.57e-006	5.21e-006
8	1	0.2984	5.773	29.84	0.0	0.0	1.15e-004	1.22e-004	1.19e-004
9	0.25	0.279	5.959	27.90	1.5	0.0	1.88e-006	0.00e+000	1.88e-006
10	1	0.2921	5.833	29.21	0.1	0.0	3.95e-005	1.70e-004	6.41e-005
11	2	0.2986	5.770	29.86	0.1	0.0	5.39e-005	1.60e-004	8.06e-005
12	4	0.3149	5.613	31.49	12.4	0.0	2.21e-007	0.00e+000	2.21e-007

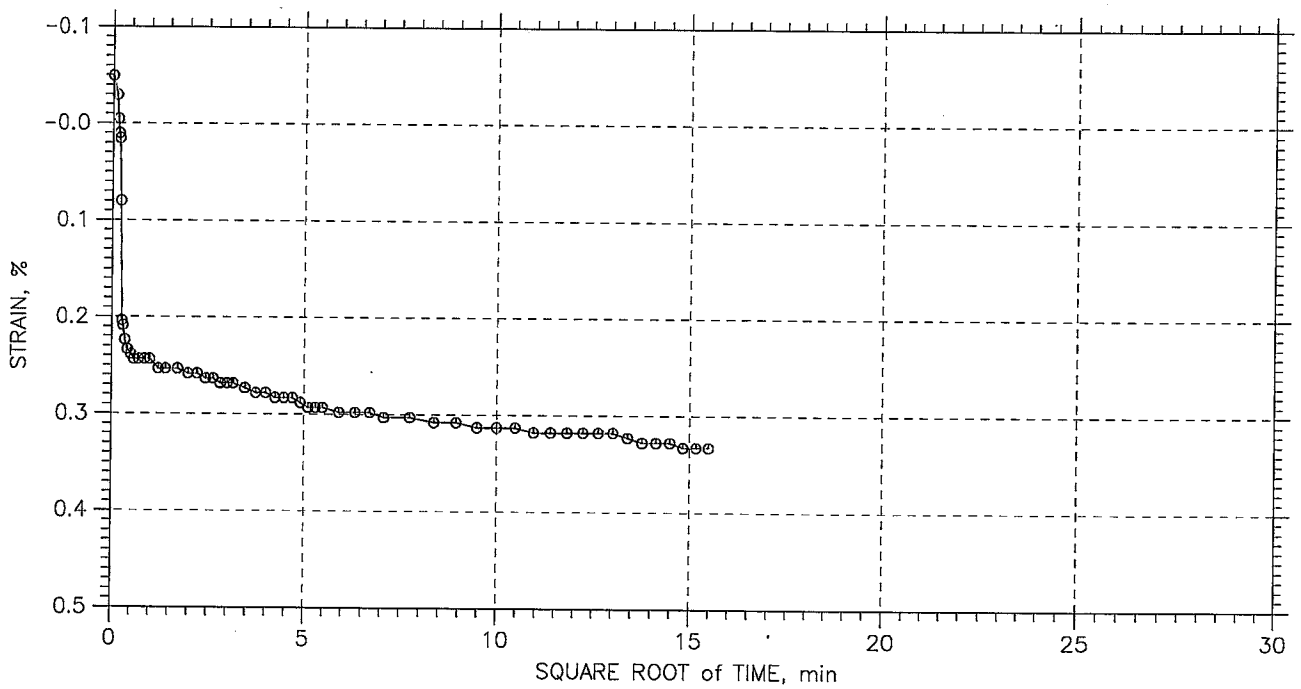
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

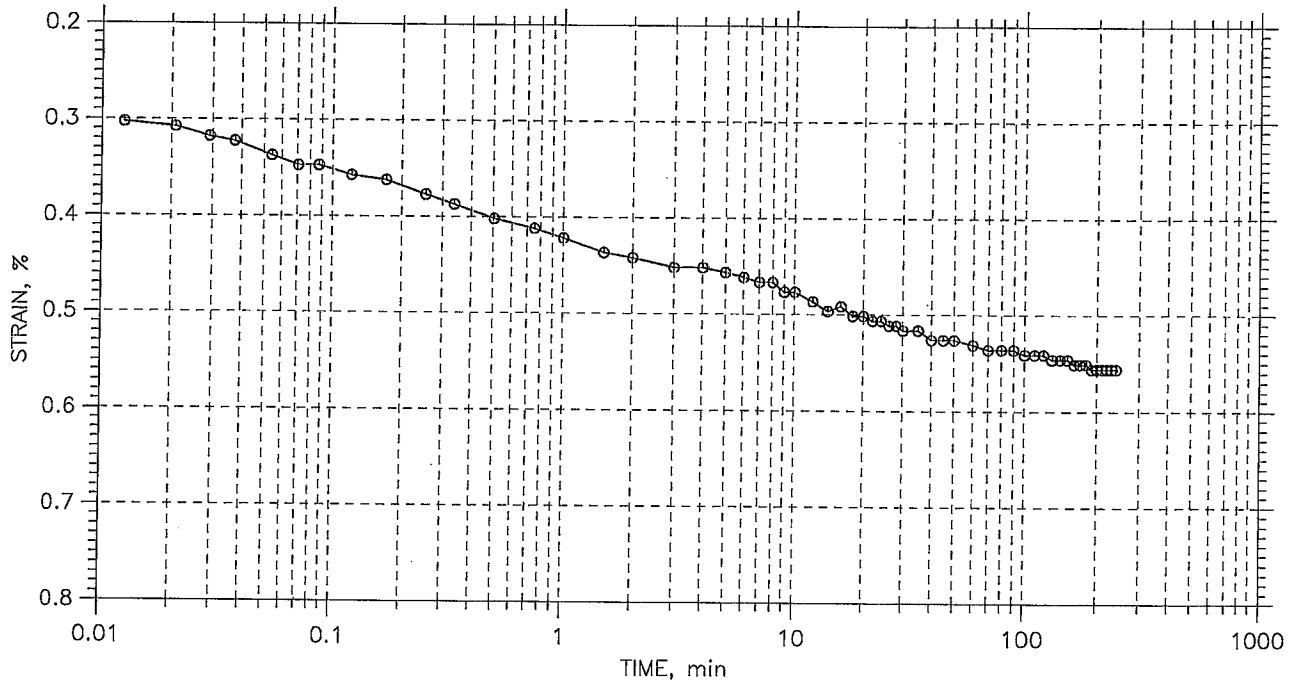
Mon, 09-APR-2007 11:42:26

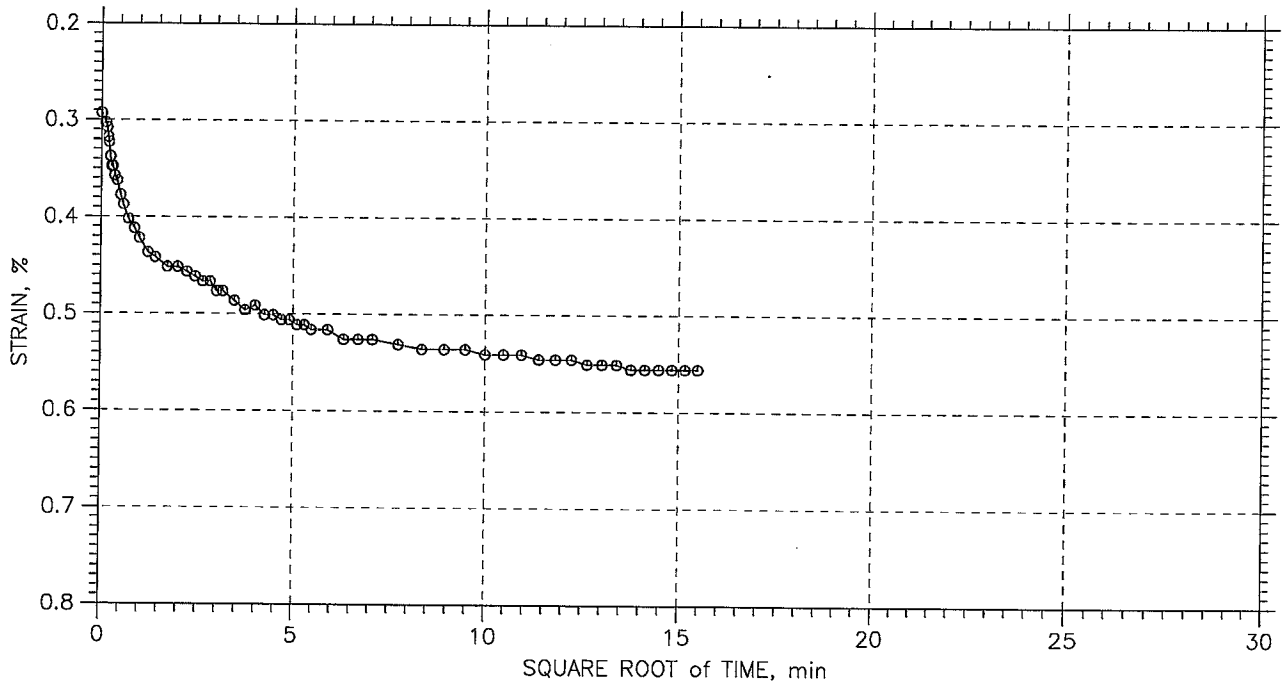
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

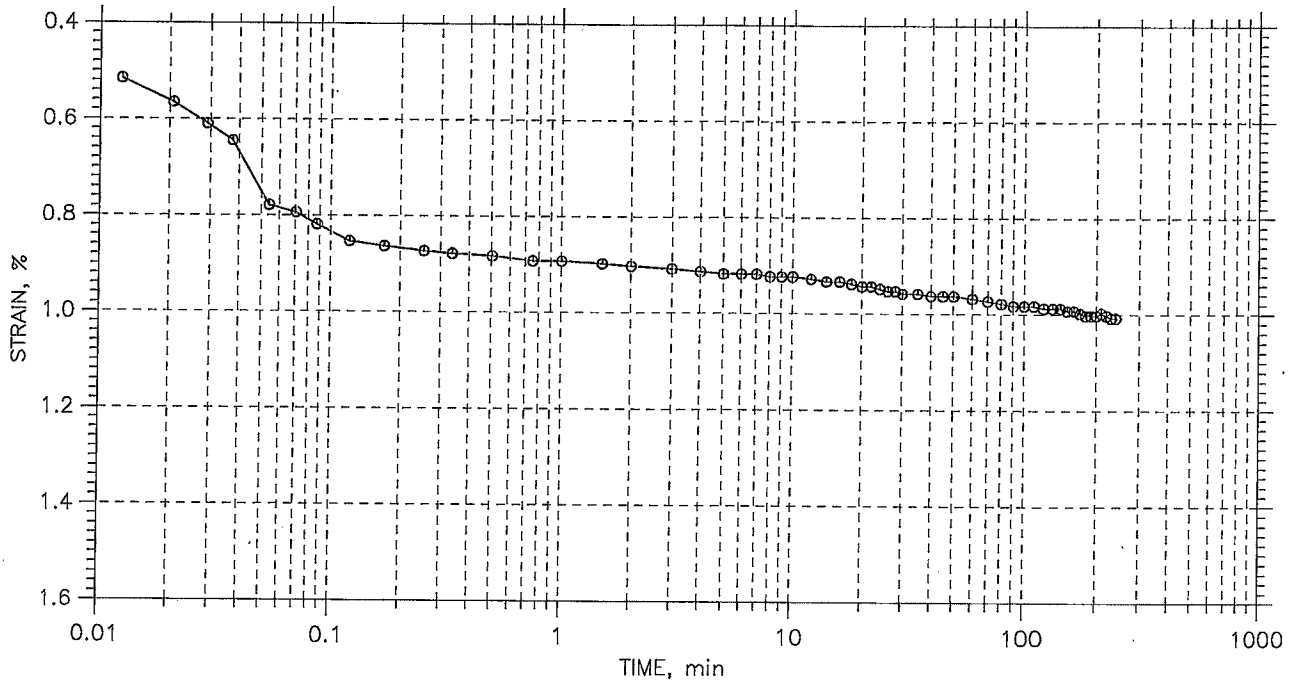
Mon, 09-APR-2007 11:42:29

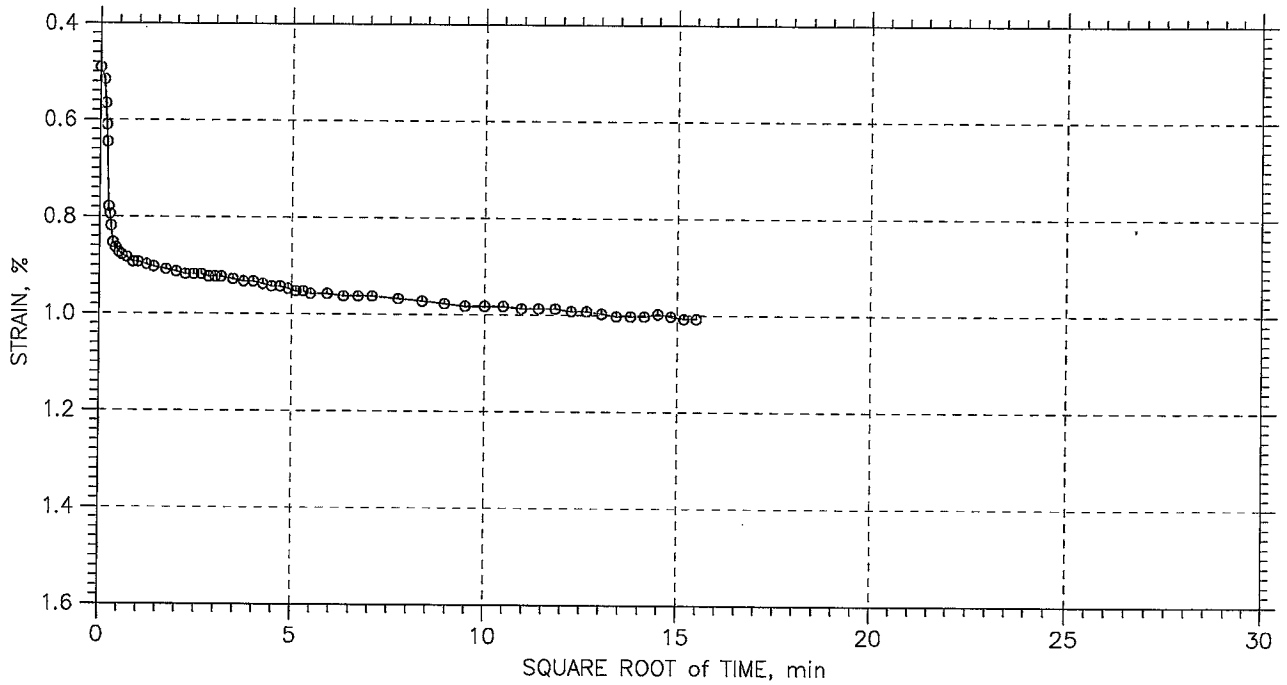
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

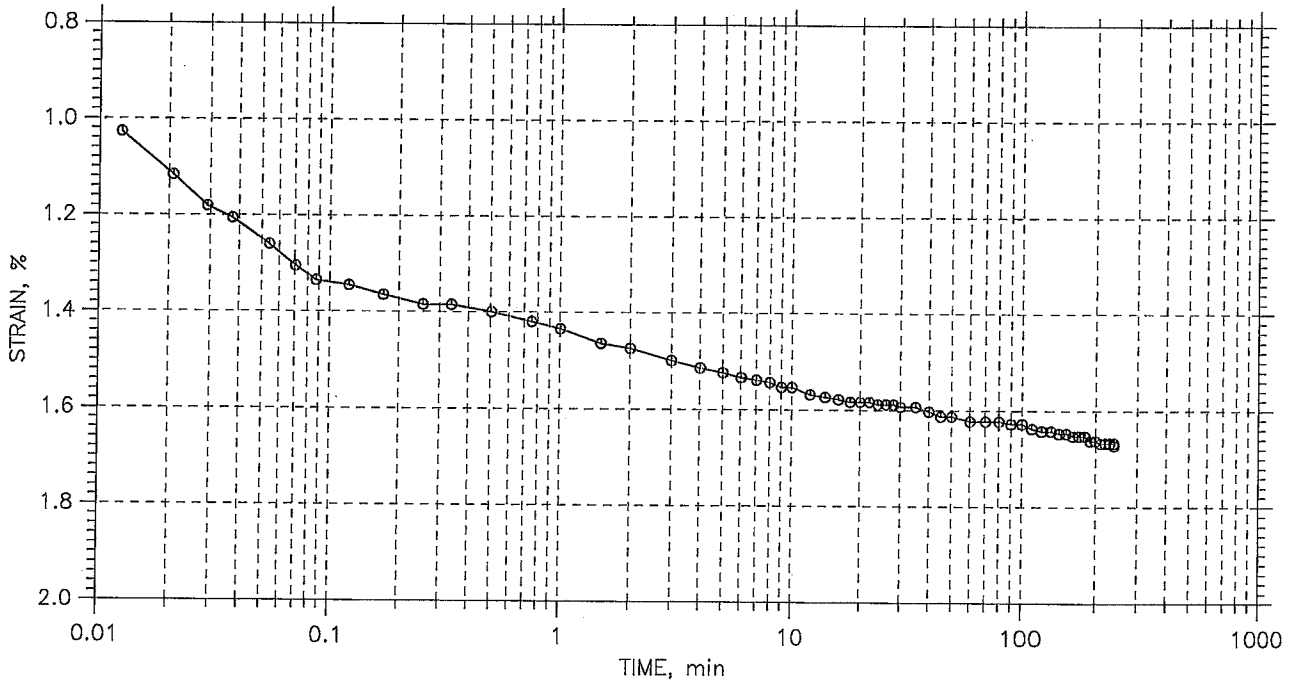
Mon, 09-APR-2007 11:42:31

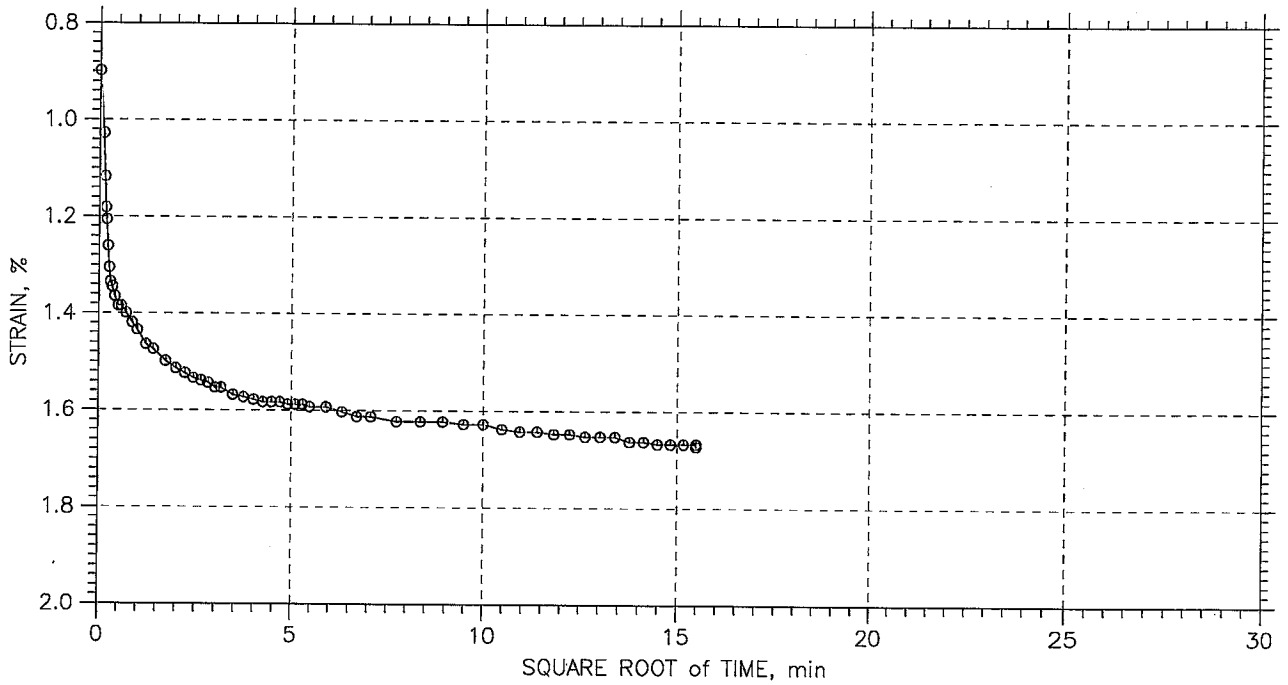
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

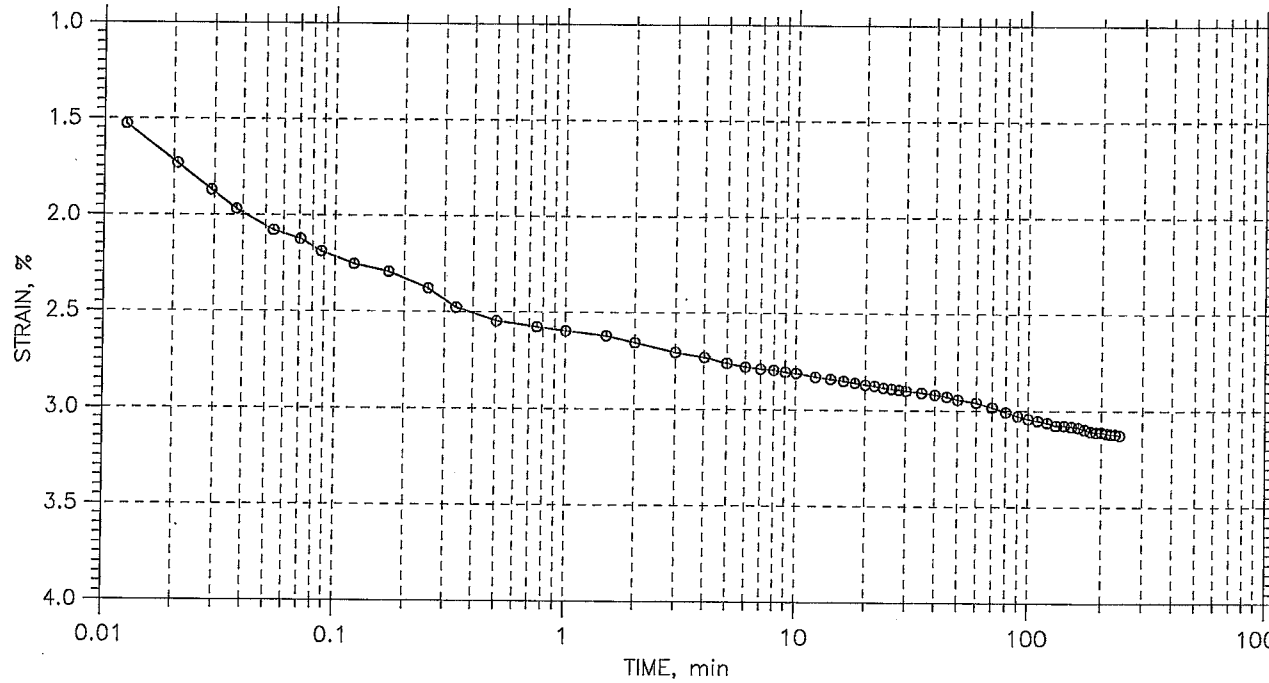
Mon, 09-APR-2007 11:42:33

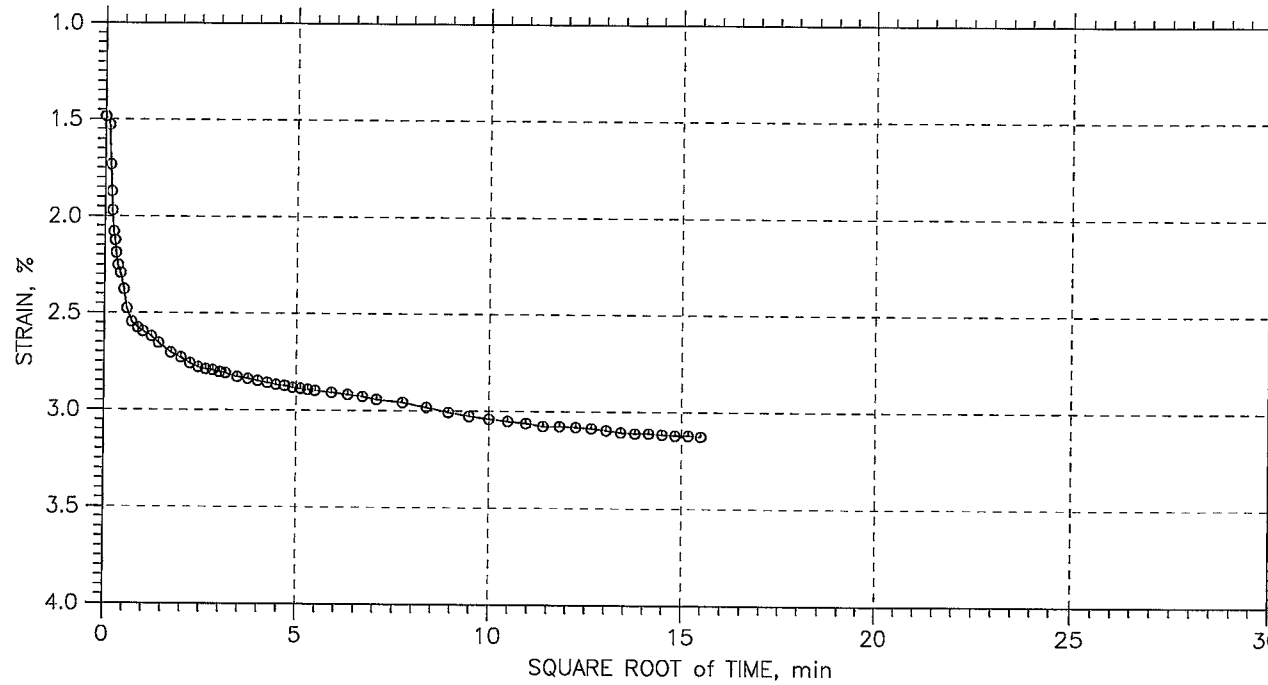
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

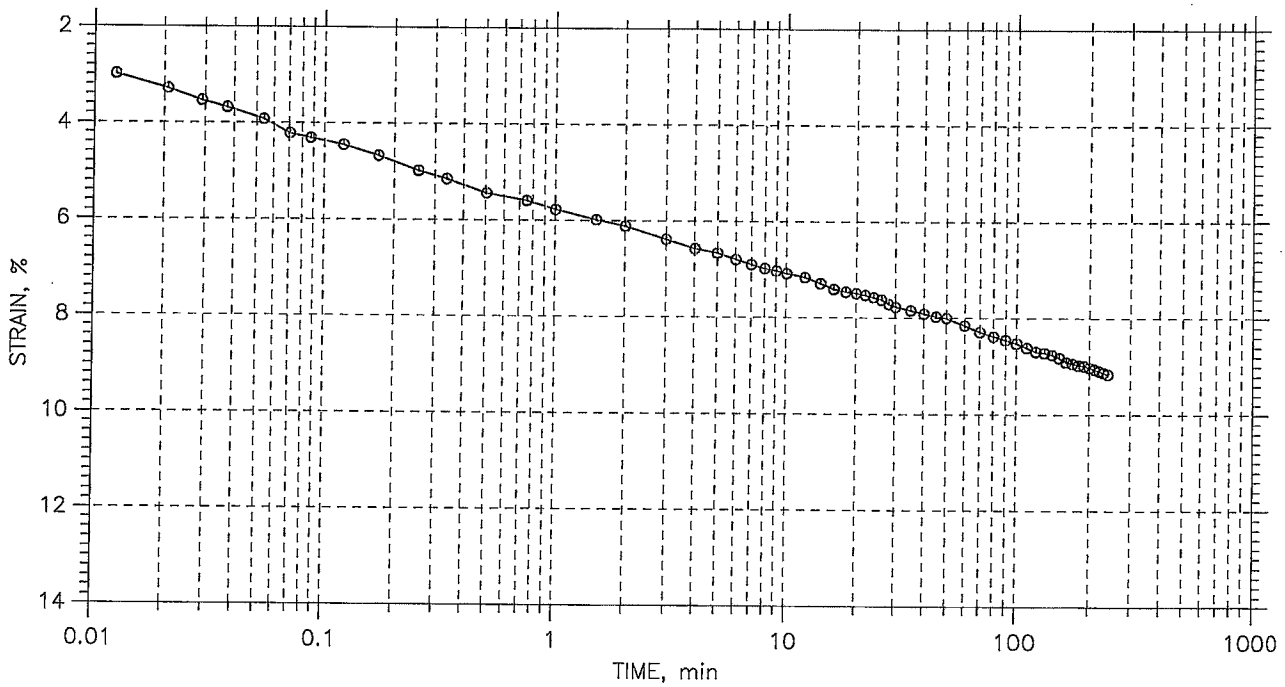
Mon, 09-APR-2007 11:42:36

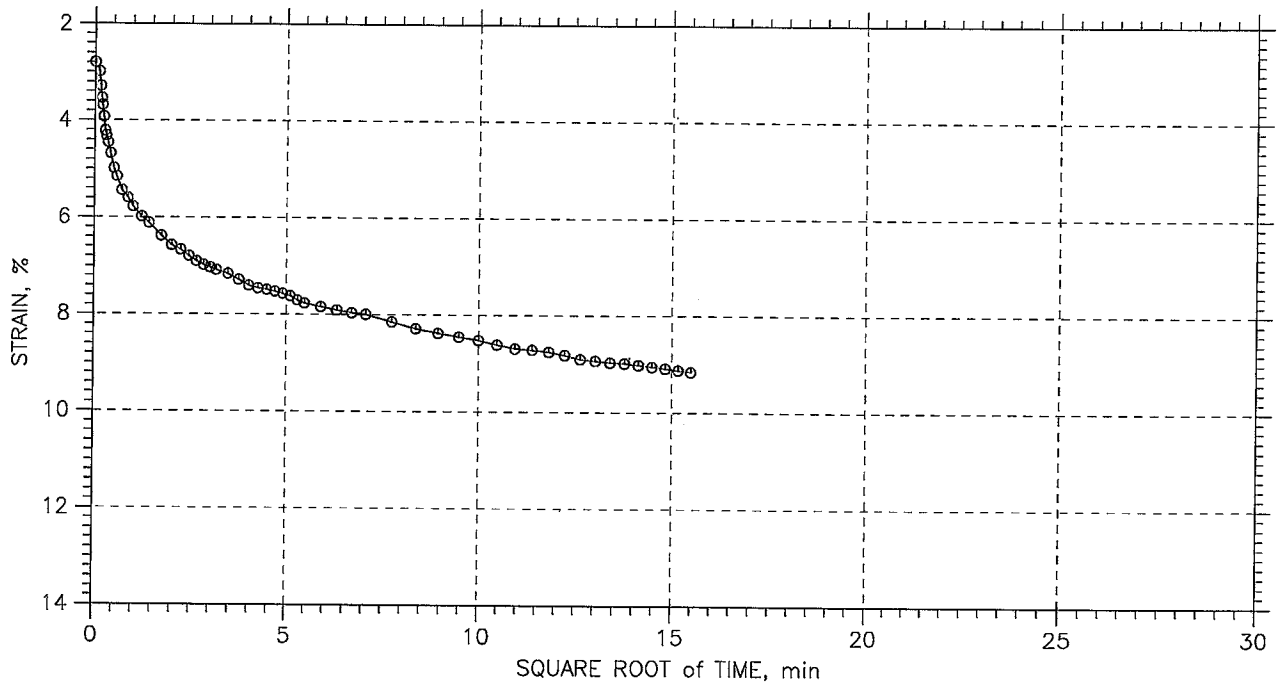
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

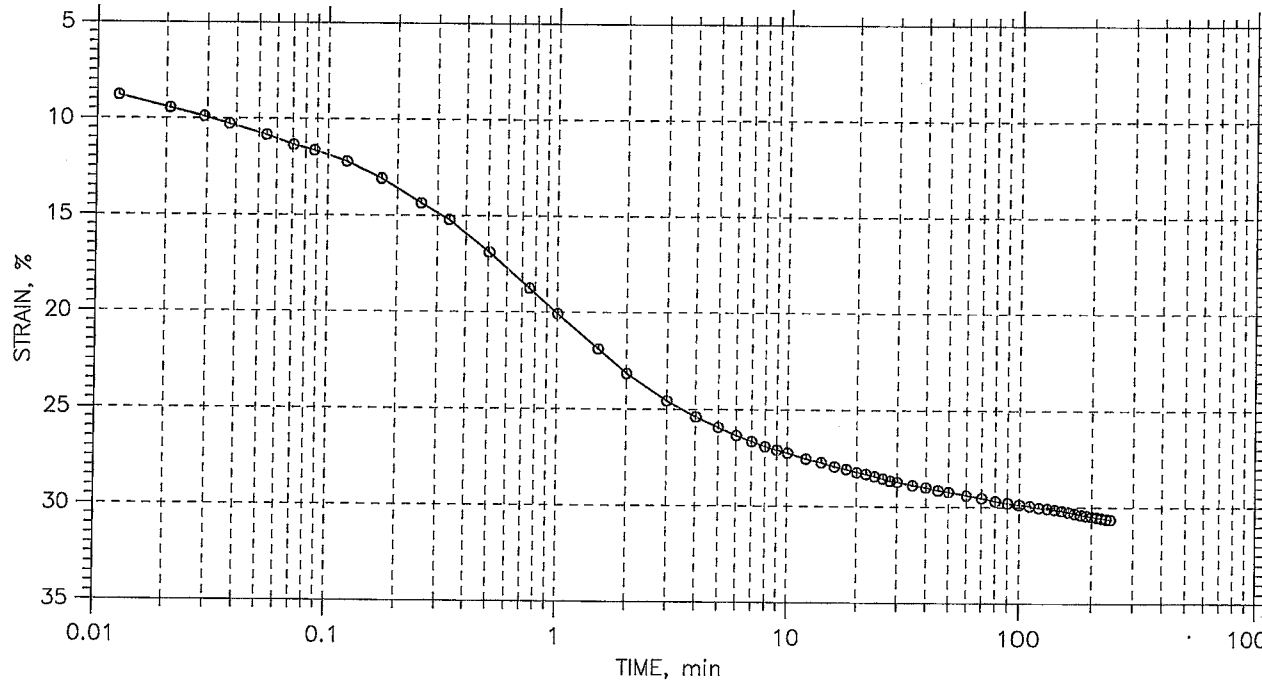
Mon, 09-APR-2007 11:42:38

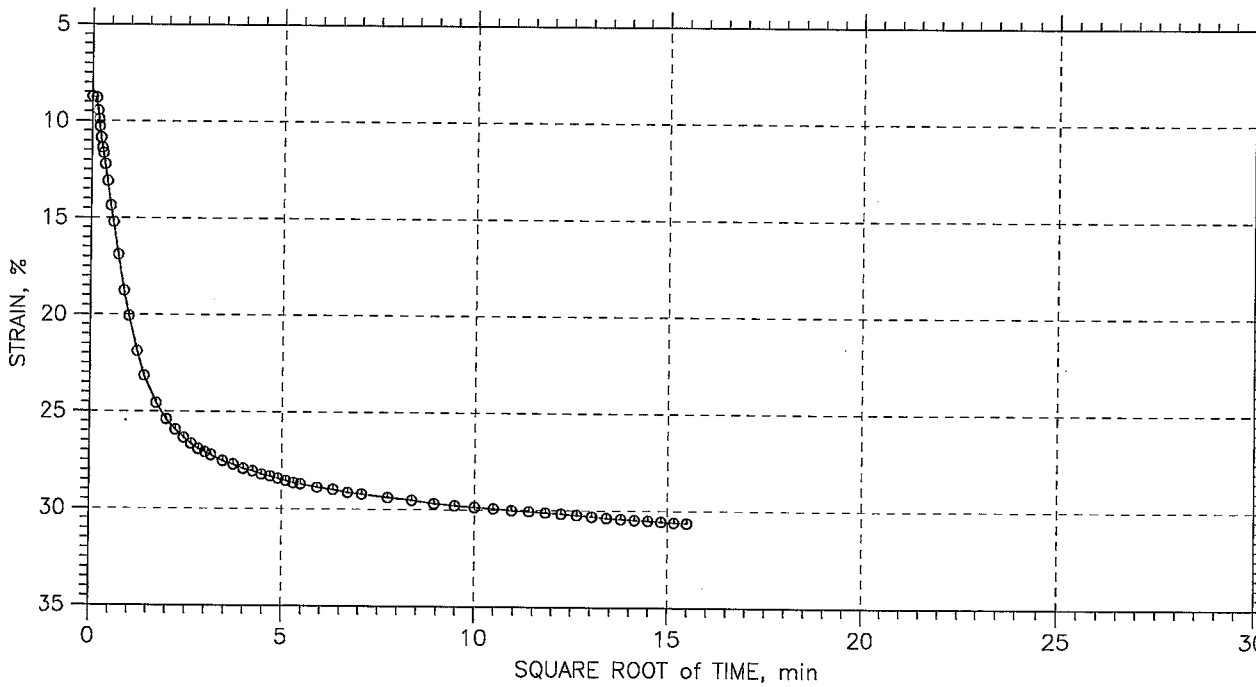
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

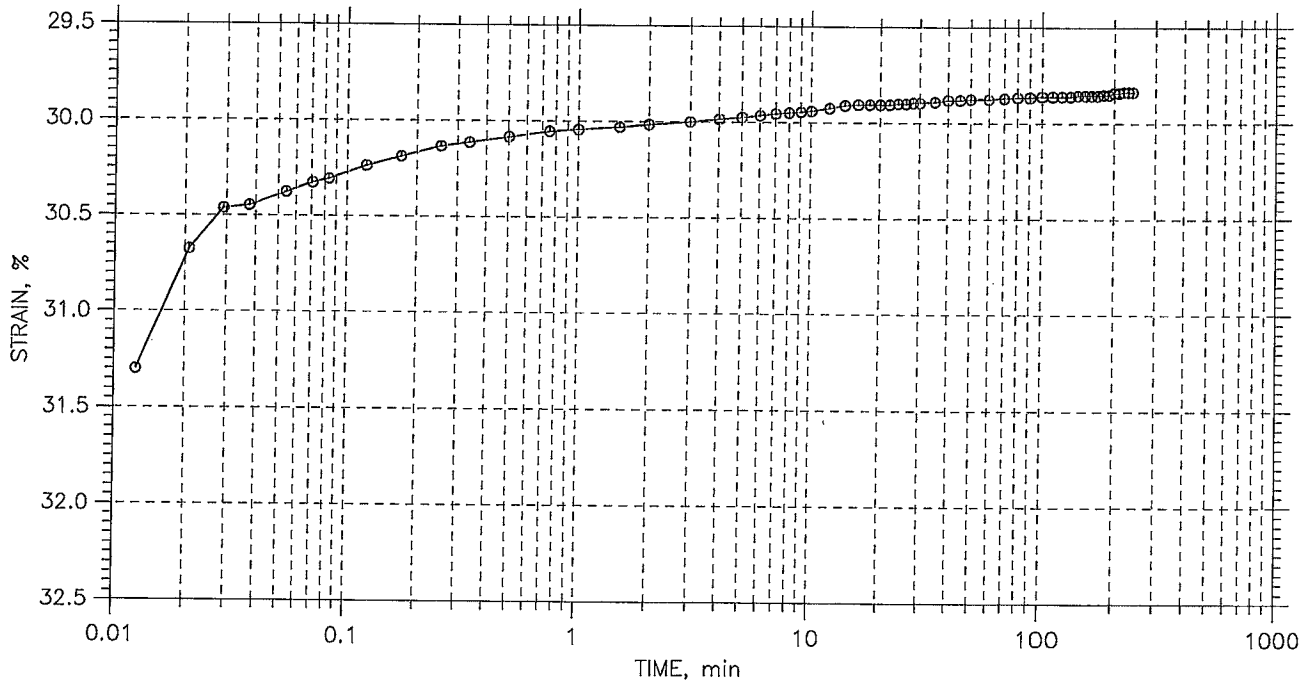
Mon, 09-APR-2007 11:42:40

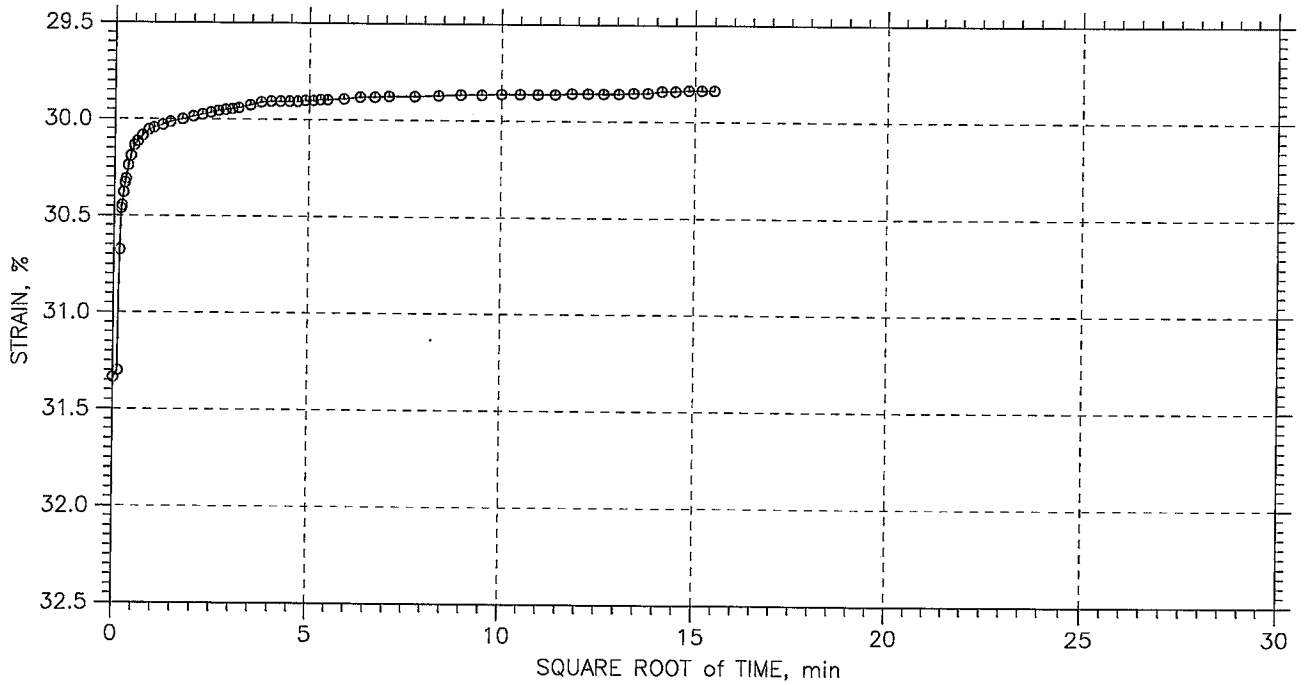
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

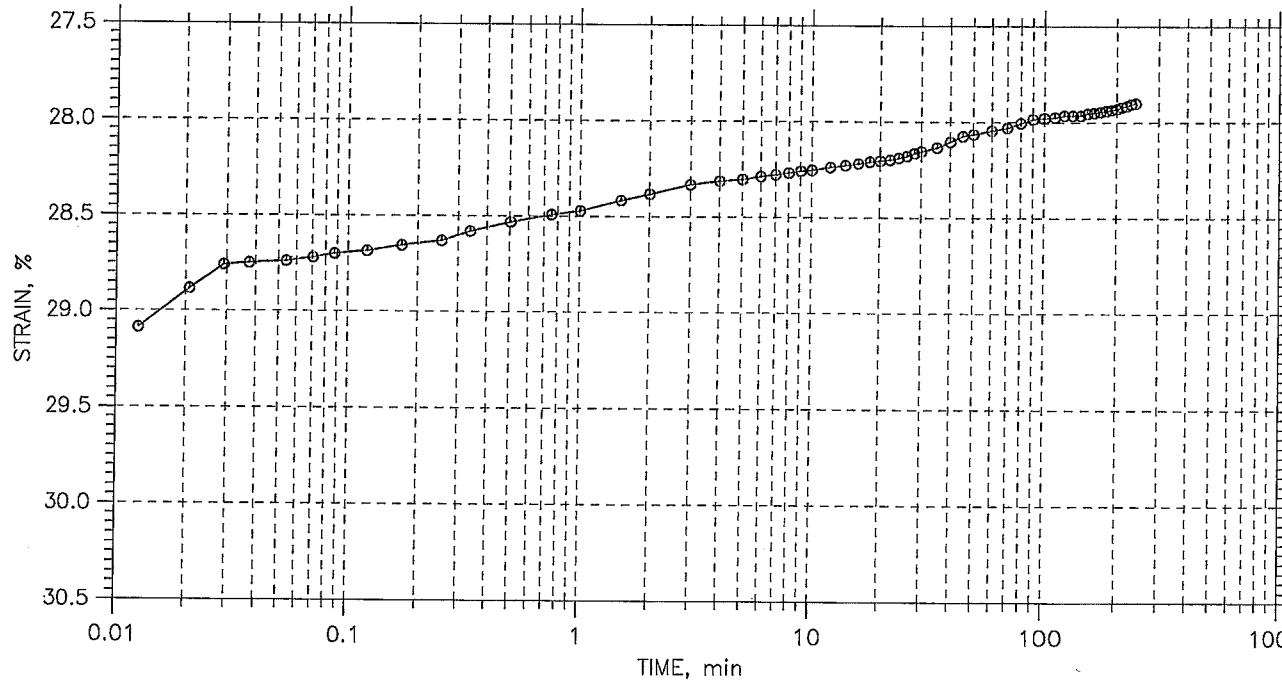
Mon, 09-APR-2007 11:42:42

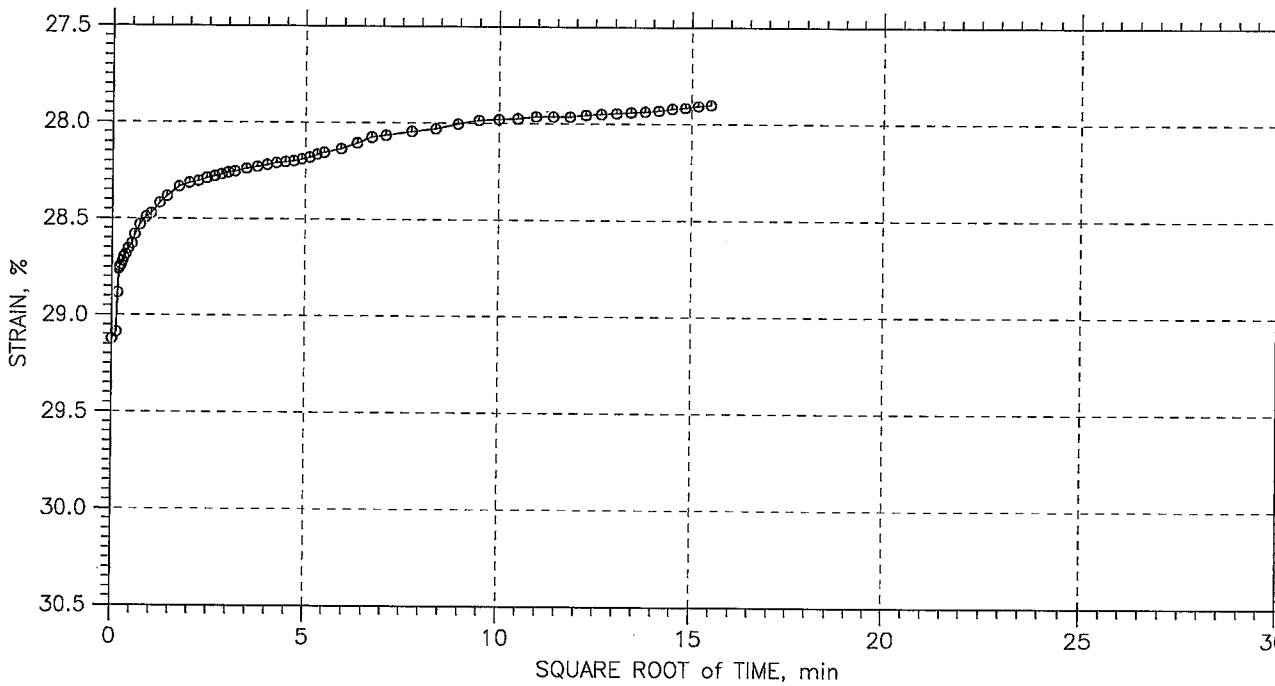
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

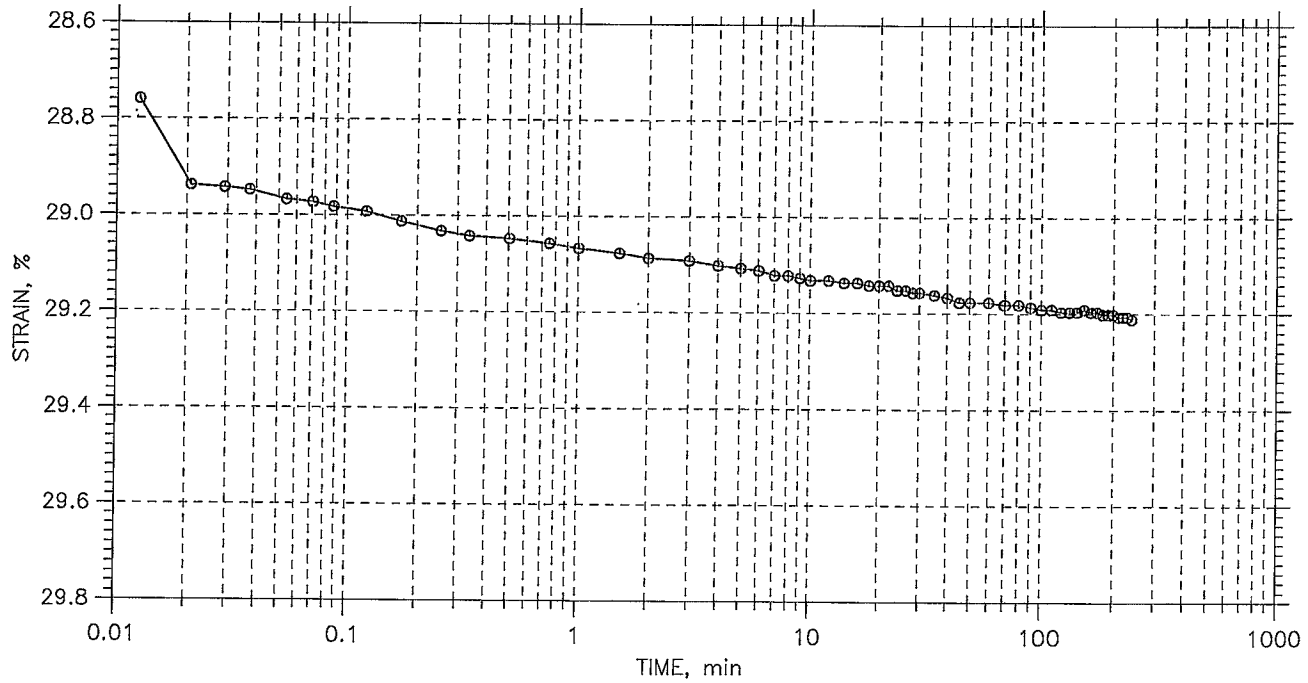
Mon, 09-APR-2007 11:42:45

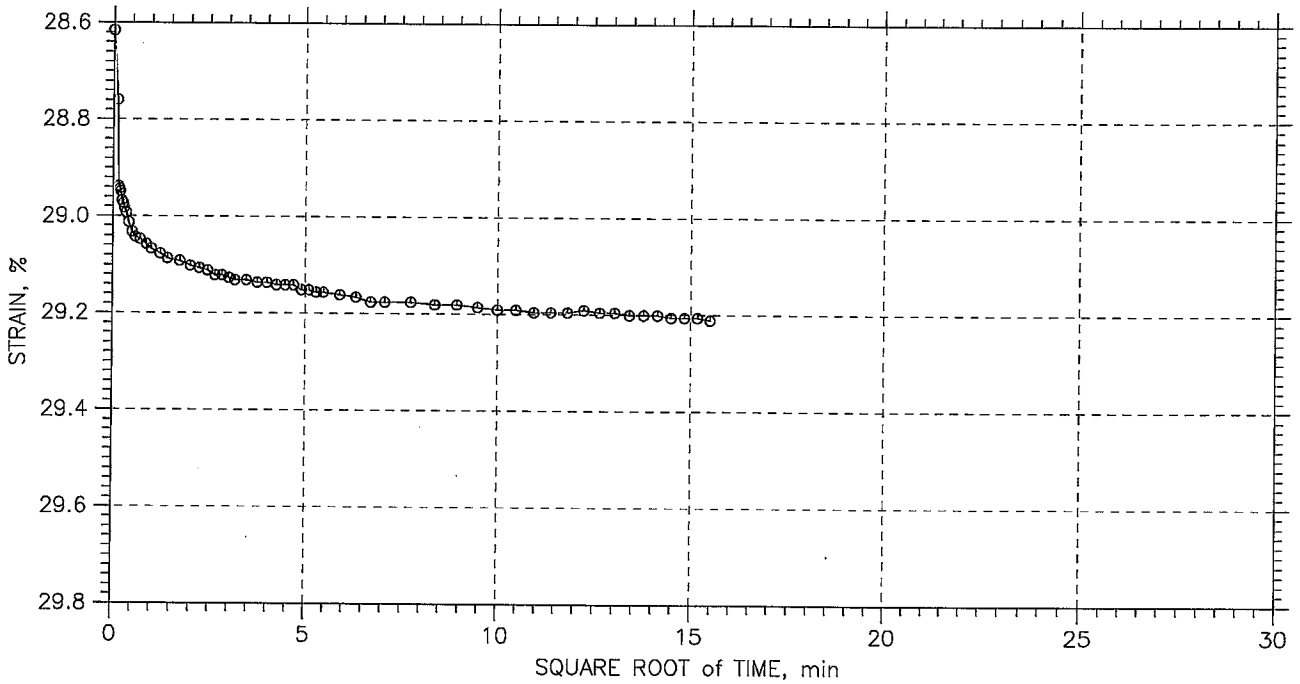
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

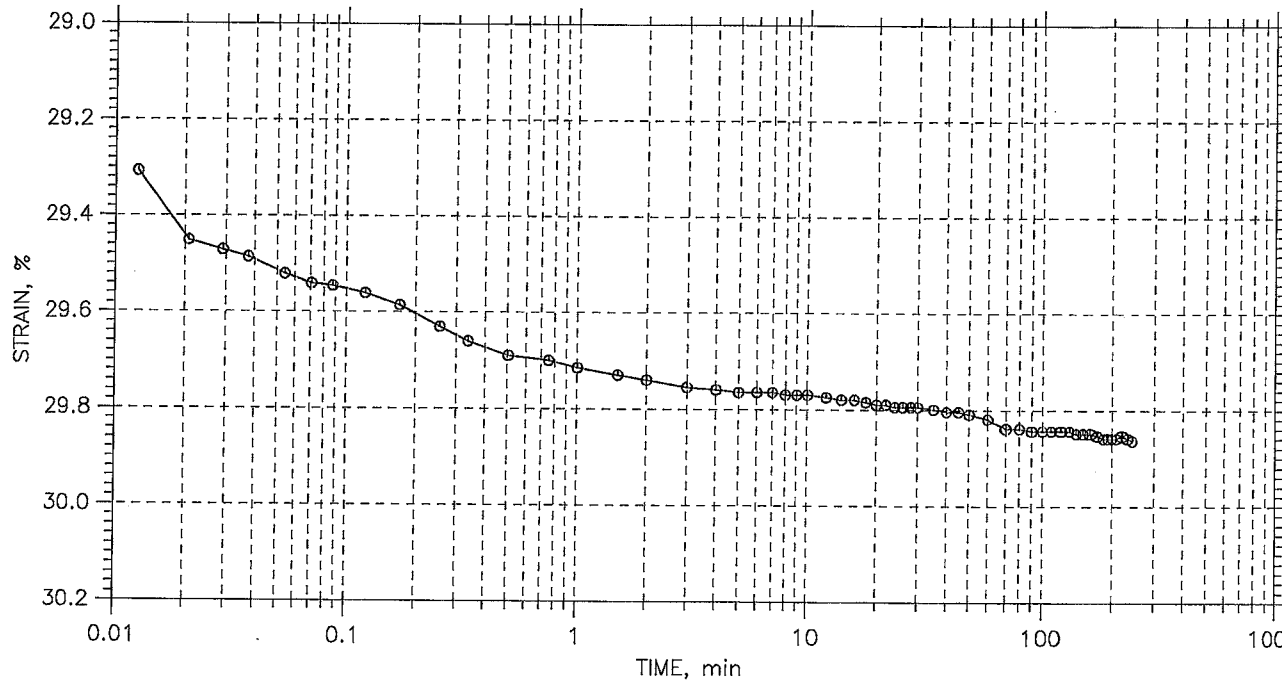
Mon, 09-APR-2007 11:42:47

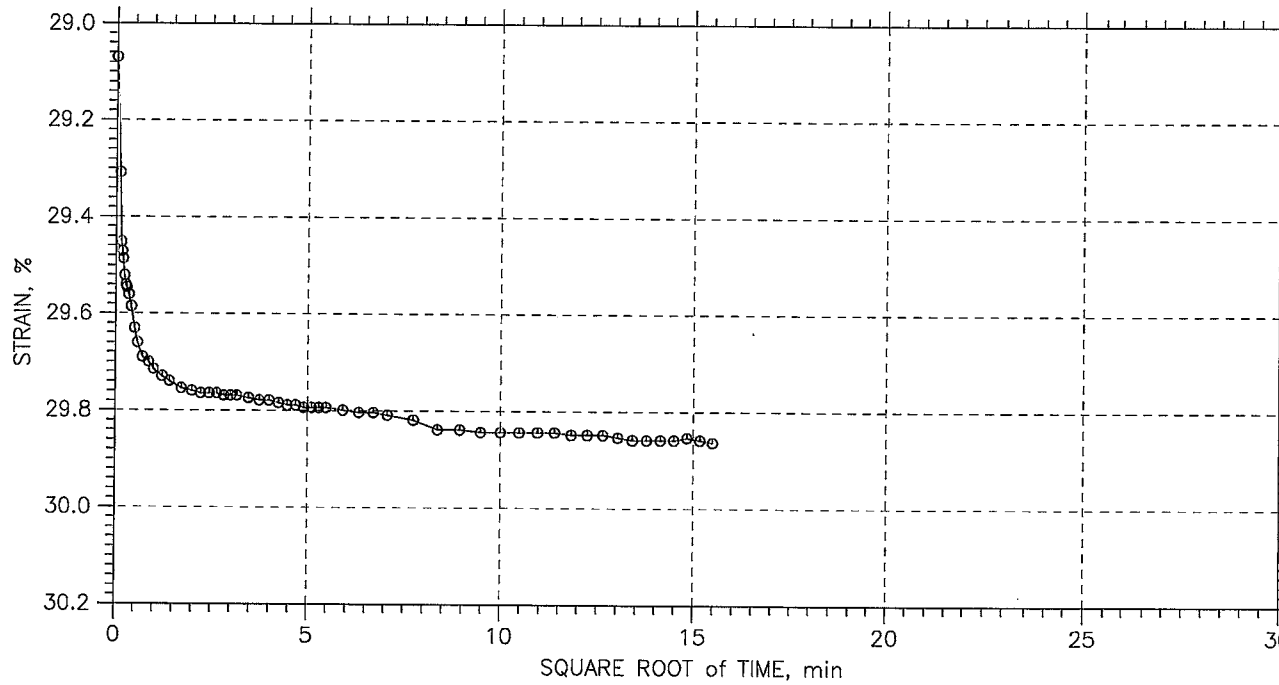
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

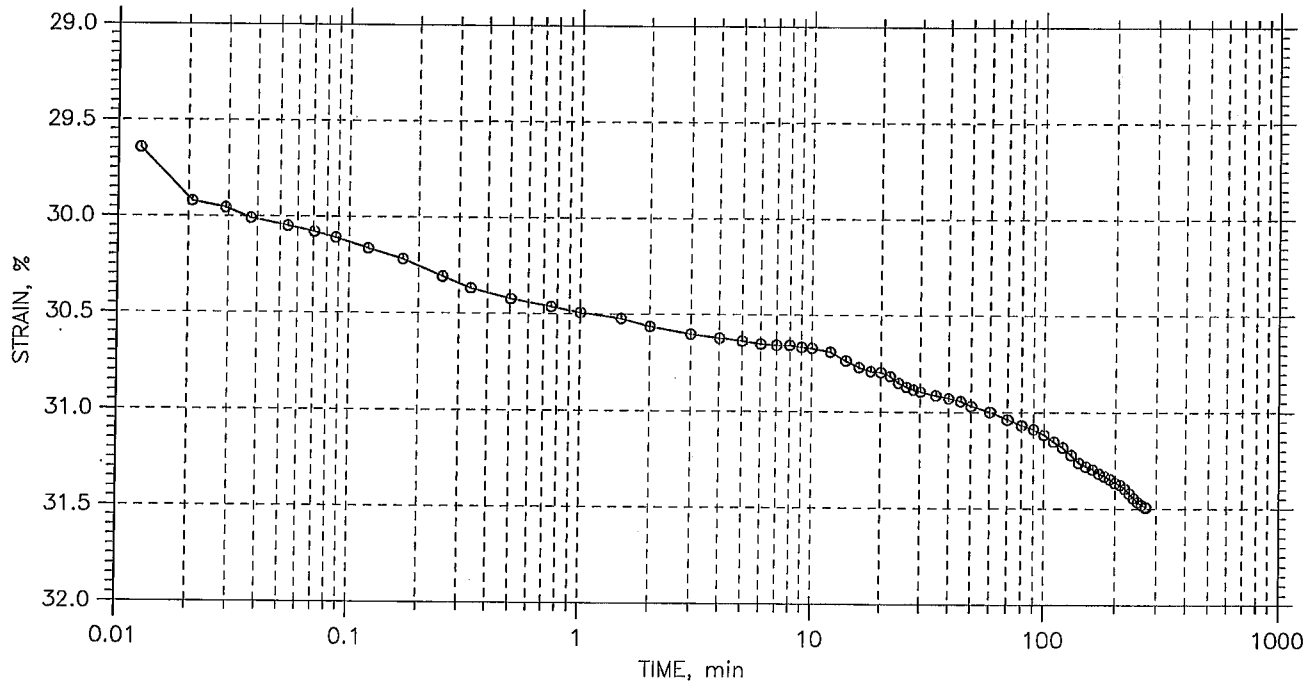
Mon, 09-APR-2007 11:42:49

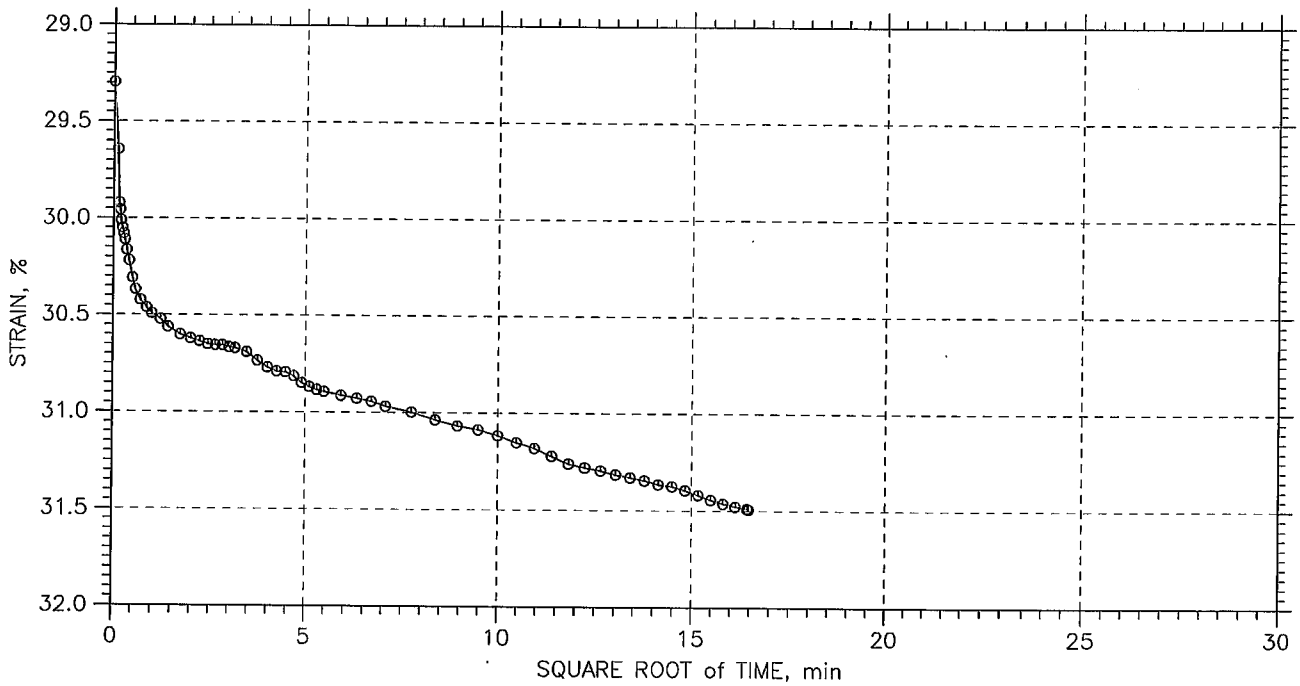
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



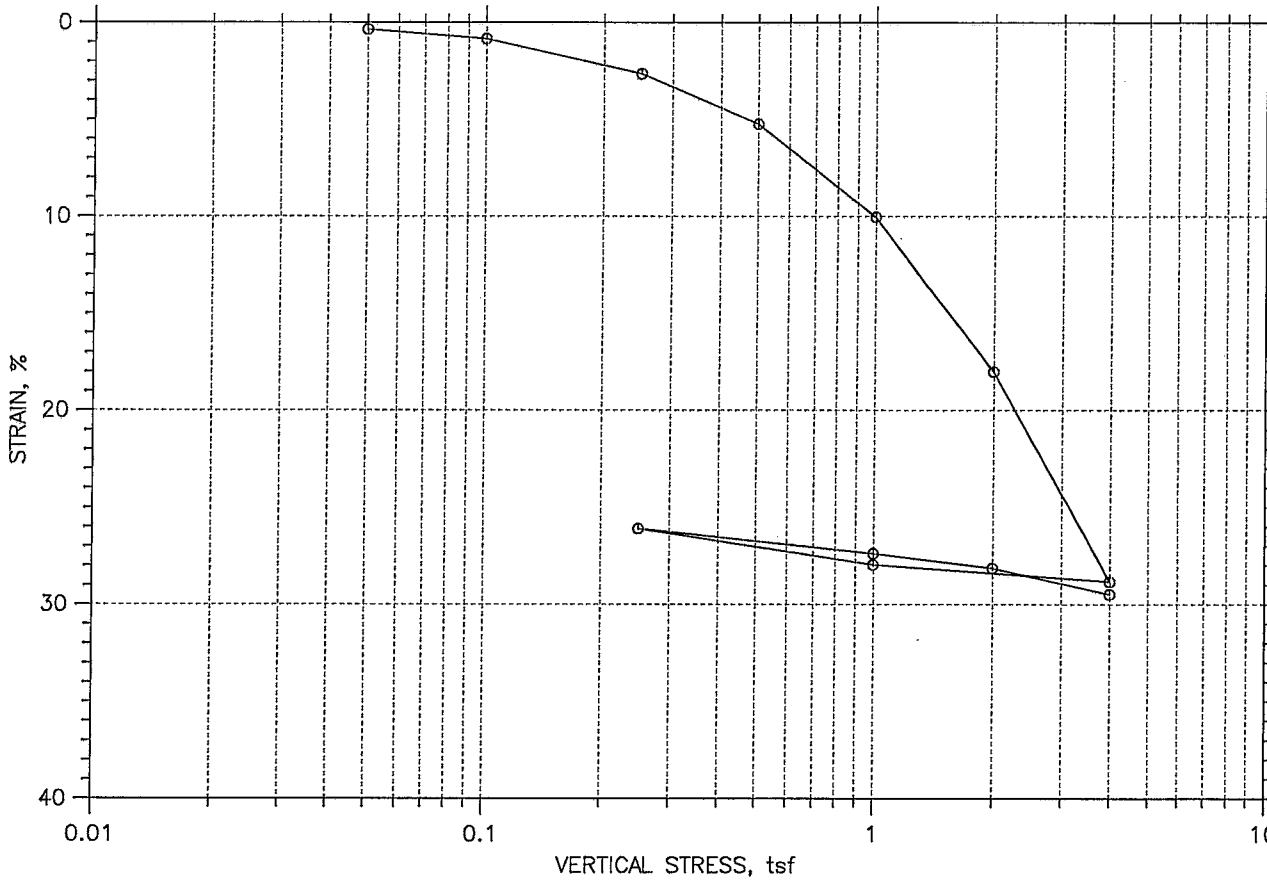


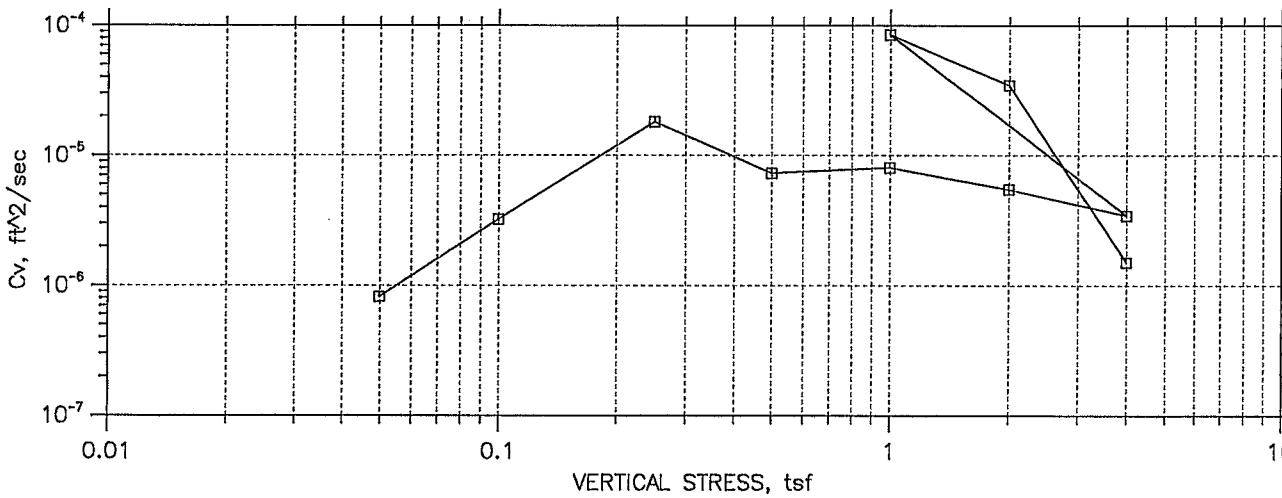
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-09	Test Date: 02/26/07	Depth: 30-32 ft
	Test No.: C-5A	Sample Type: tube	Elevation: ---
	Description: Moist, light gray silt		
	Remarks: System Q		

Mon, 09-APR-2007 11:42:52

CONSOLIDATION TEST DATA

SUMMARY REPORT



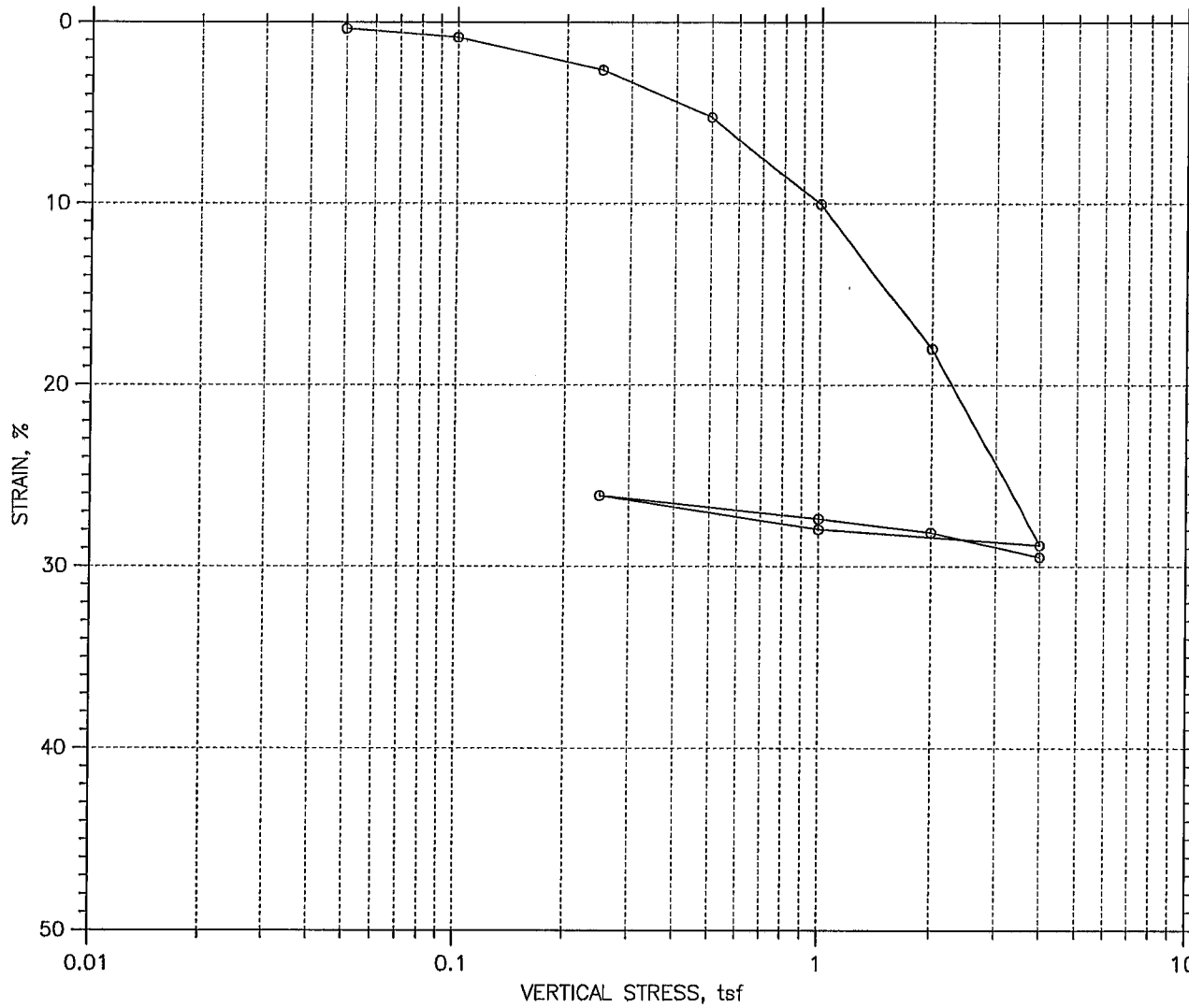


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

Tue, 24-APR-2007 11:11:11

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	324.35	218.67
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	17.06	24.19
Compression Index: ---				Saturation, %	99.32	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	8.29	5.55
LL: 194	PL: 152	PI: 42	GS: 2.54			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

Tue, 24-APR-2007 11:11:12

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB 13-12
Sample No.: 0300-11
Test No.: C-23

Location: Syracuse, NY
Tested By: md
Test Date: 04/17/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 44-46 ft
Elevation: ---

Soil Description: Moist, white silt
Remarks: System Q

Measured Specific Gravity: 2.54
Initial Void Ratio: 8.29
Final Void Ratio: 5.55

Liquid Limit: 194
Plastic Limit: 152
Plasticity Index: 42

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	AAG-2002	RING		organic
Wt. Container + Wet Soil, gm	275.53	309.18	285.95	79.58
Wt. Container + Dry Soil, gm	78.52	237.88	237.88	30.51
Wt. Container, gm	8.68	215.9	215.9	8.07
Wt. Dry Soil, gm	69.84	21.982	21.982	22.44
Water Content, %	282.09	324.35	218.67	218.67
Void Ratio	---	8.29	5.55	---
Degree of Saturation, %	---	99.32	99.99	---
Dry Unit Weight, pcf	---	17.06	24.191	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB 13-12
Sample No.: 0300-11
Test No.: C-23

Location: Syracuse, NY
Tested By: md
Test Date: 04/17/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 44-46 ft
Elevation: ---

Soil Description: Moist, white silt
Remarks: System Q

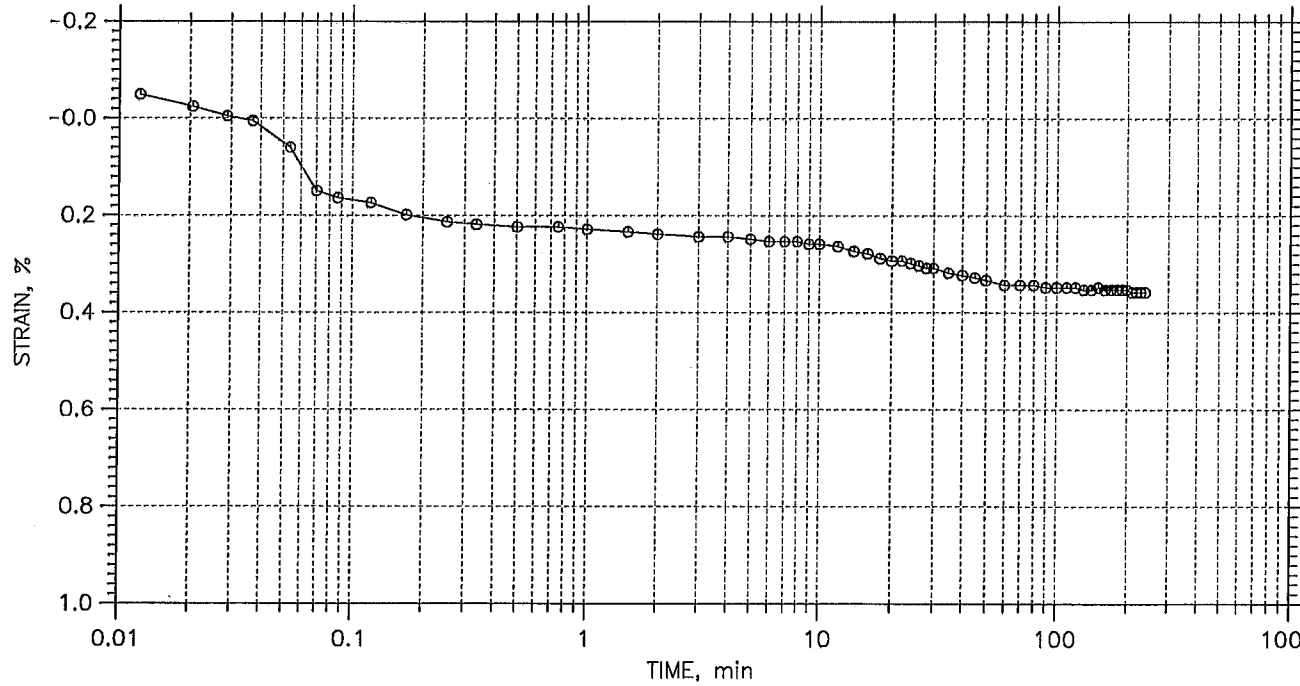
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. ft^2/sec	Coefficient of Consolidation Log ft^2/sec	Coefficient of Consolidation Ave. ft^2/sec
1	0.05	0.003575	8.262	0.36	13.8	0.1	4.11e-007	9.06e-005	8.18e-007
2	0.1	0.008386	8.217	0.84	1.8	0.0	3.22e-006	0.00e+000	3.22e-006
3	0.25	0.02644	8.049	2.64	0.3	0.3	1.66e-005	2.01e-005	1.82e-005
4	0.5	0.0524	7.808	5.24	0.9	0.5	5.88e-006	9.72e-006	7.33e-006
5	1	0.1003	7.363	10.03	0.7	0.5	6.90e-006	9.70e-006	8.06e-006
6	2	0.18	6.622	18.00	0.9	0.7	4.75e-006	6.49e-006	5.48e-006
7	4	0.2882	5.616	28.82	1.1	0.8	3.00e-006	4.03e-006	3.44e-006
8	1	0.2795	5.697	27.95	0.0	0.0	6.95e-005	1.47e-004	9.44e-005
9	0.25	0.261	5.869	26.10	9.0	0.0	3.36e-007	0.00e+000	3.36e-007
10	1	0.2737	5.751	27.37	0.1	0.0	6.02e-005	1.46e-004	8.52e-005
11	2	0.2812	5.681	28.12	0.1	0.0	3.48e-005	0.00e+000	3.48e-005
12	4	0.2948	5.555	29.48	1.9	0.0	1.50e-006	0.00e+000	1.50e-006

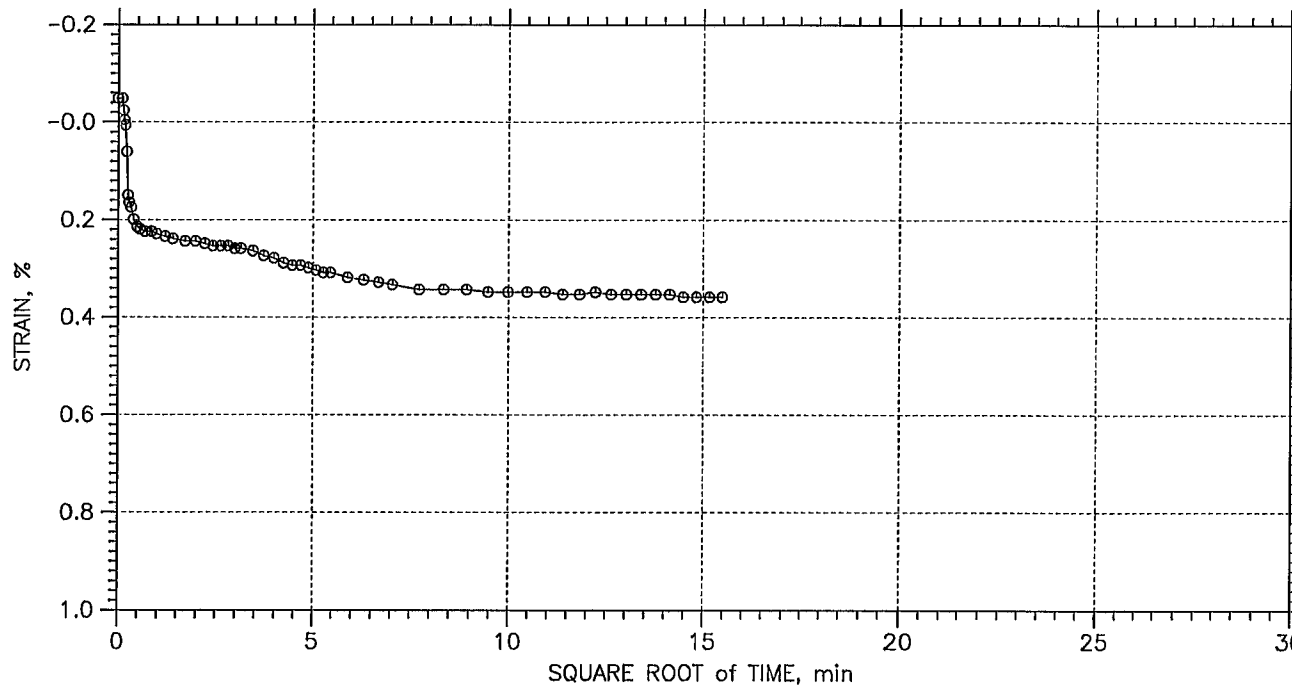
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

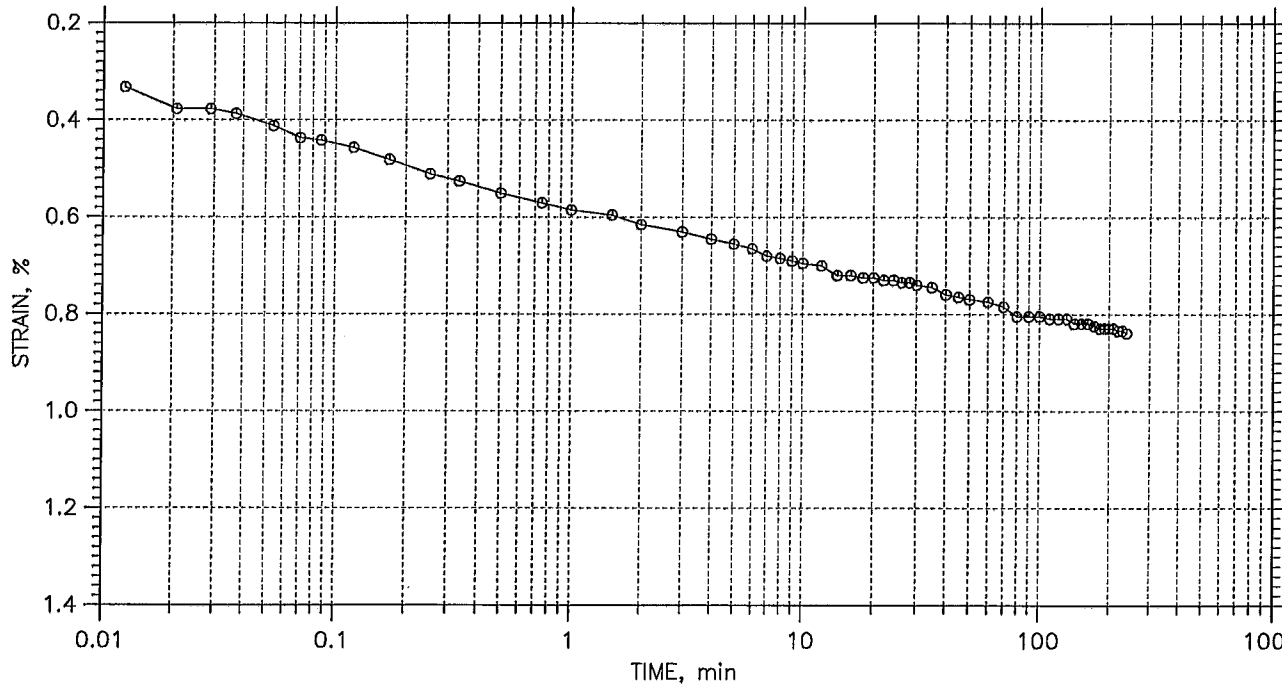
Tue, 24-APR-2007 11:11:56

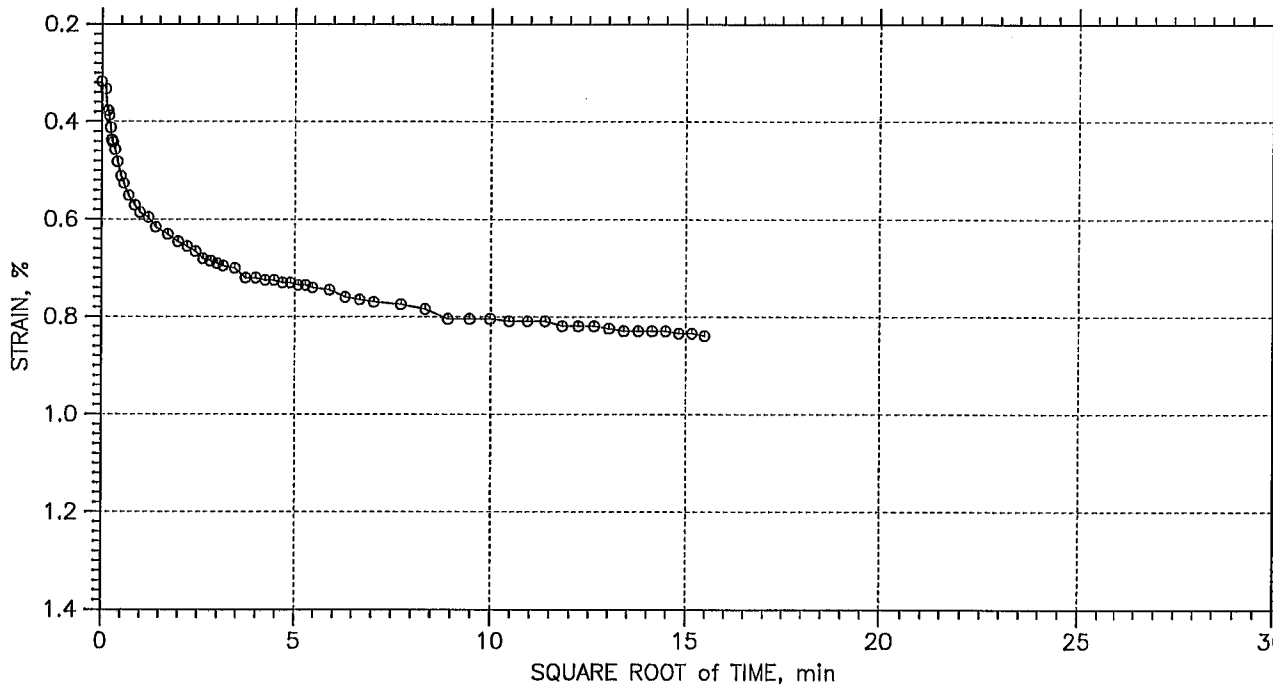
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

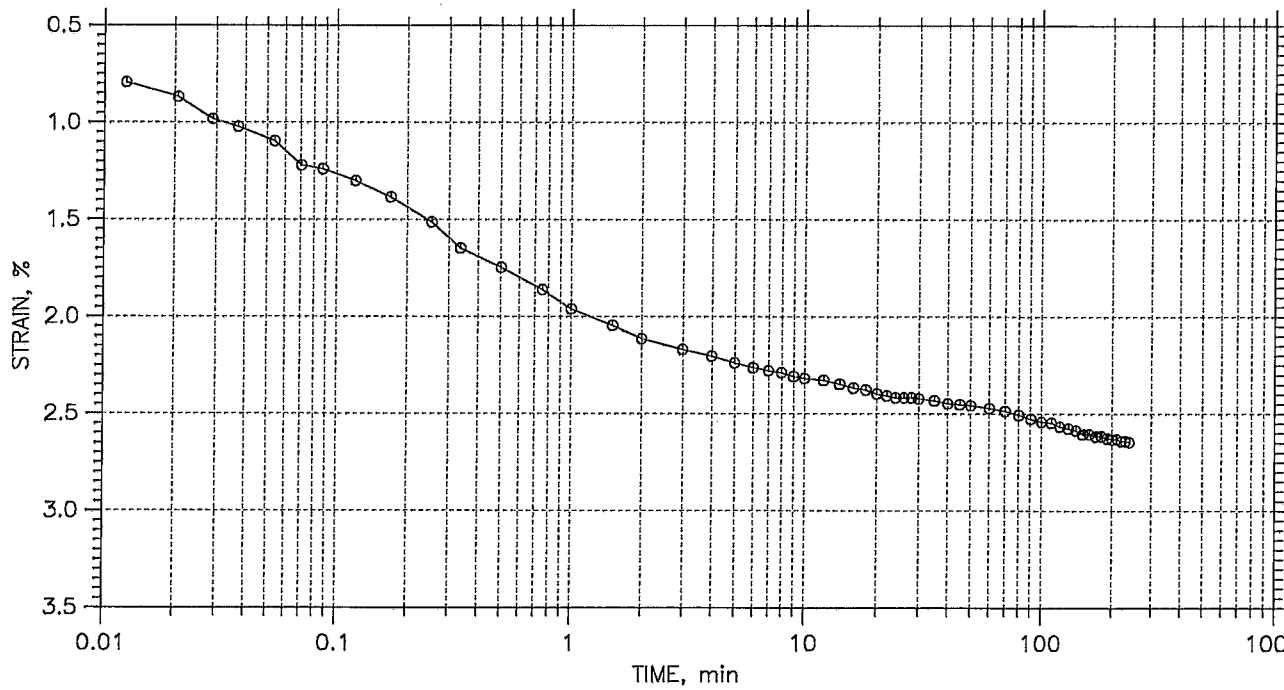
Tue, 24-APR-2007 11:12:26

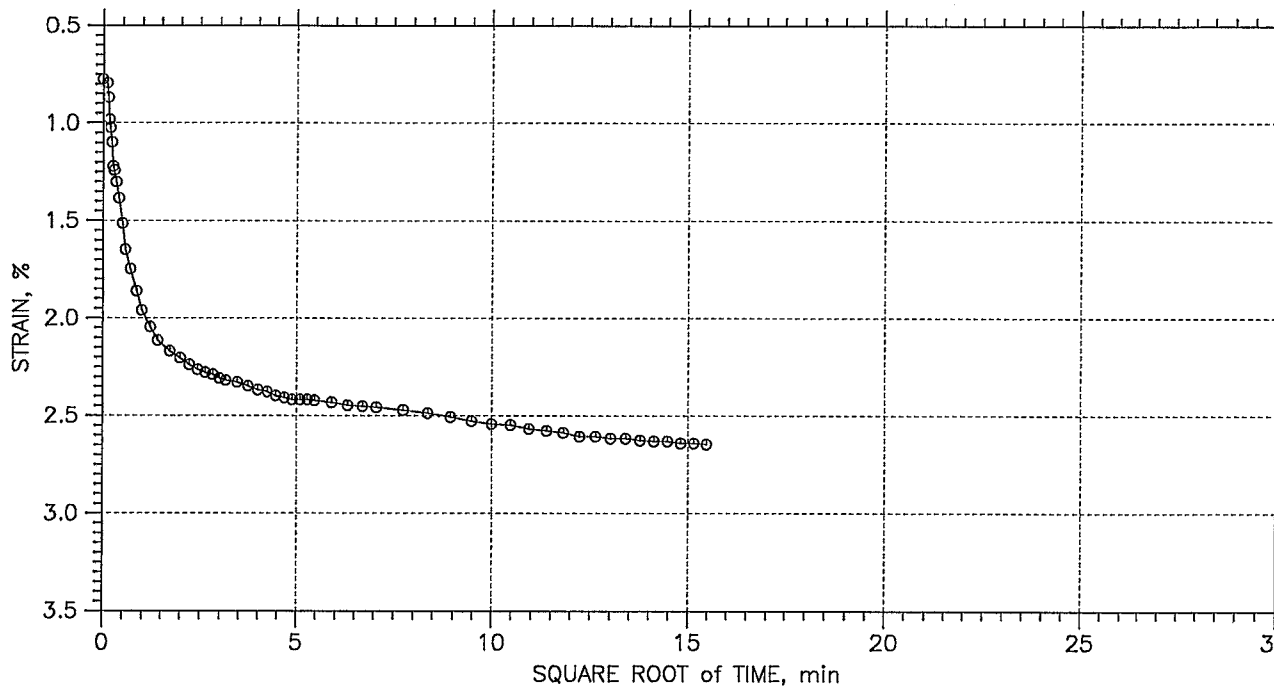
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

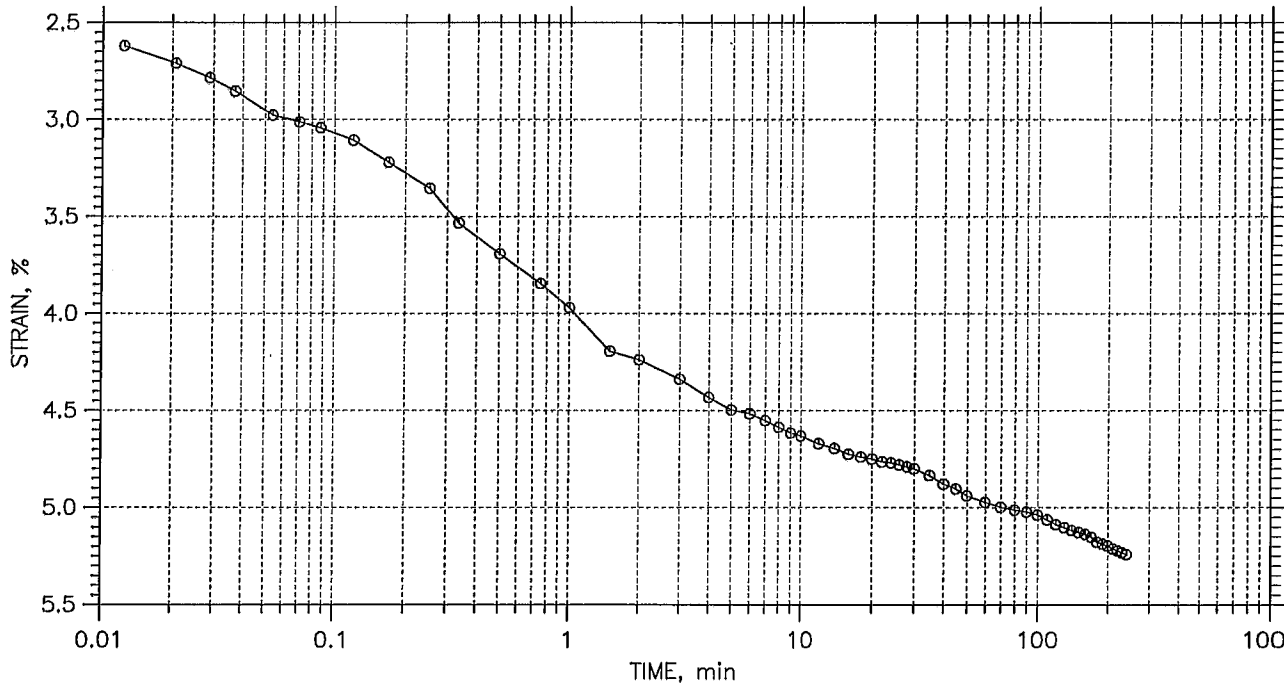
Tue, 24-APR-2007 11:11:15

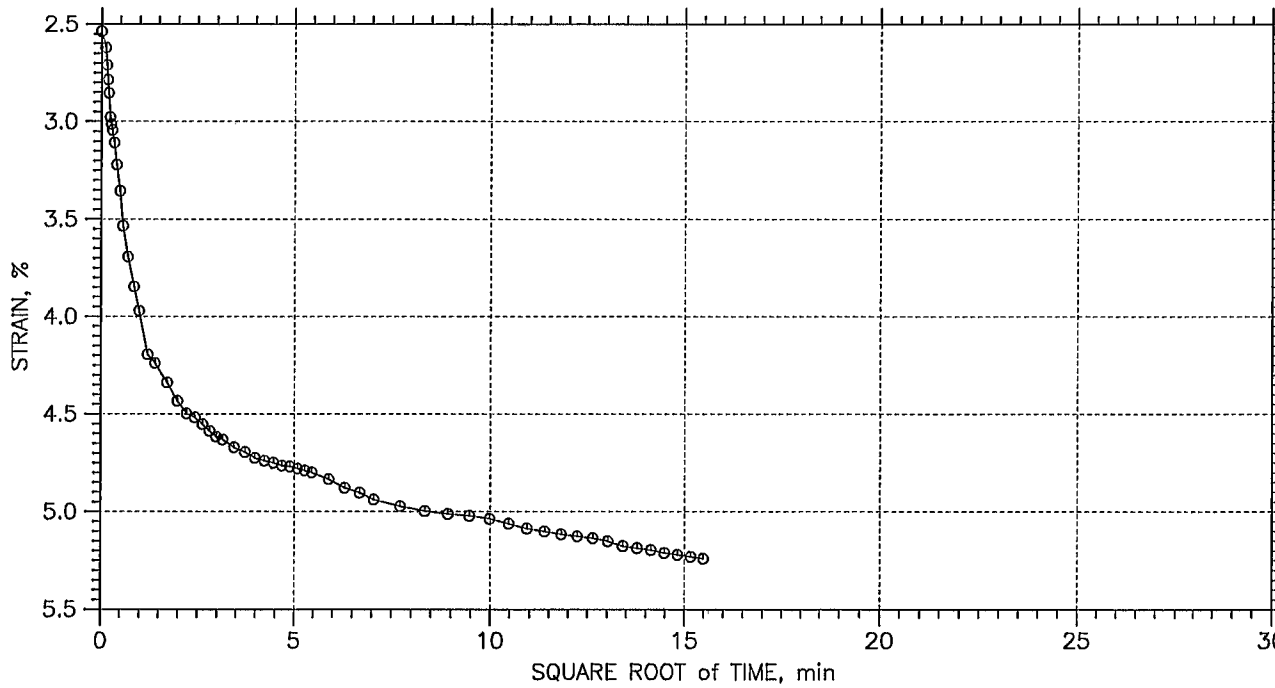
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

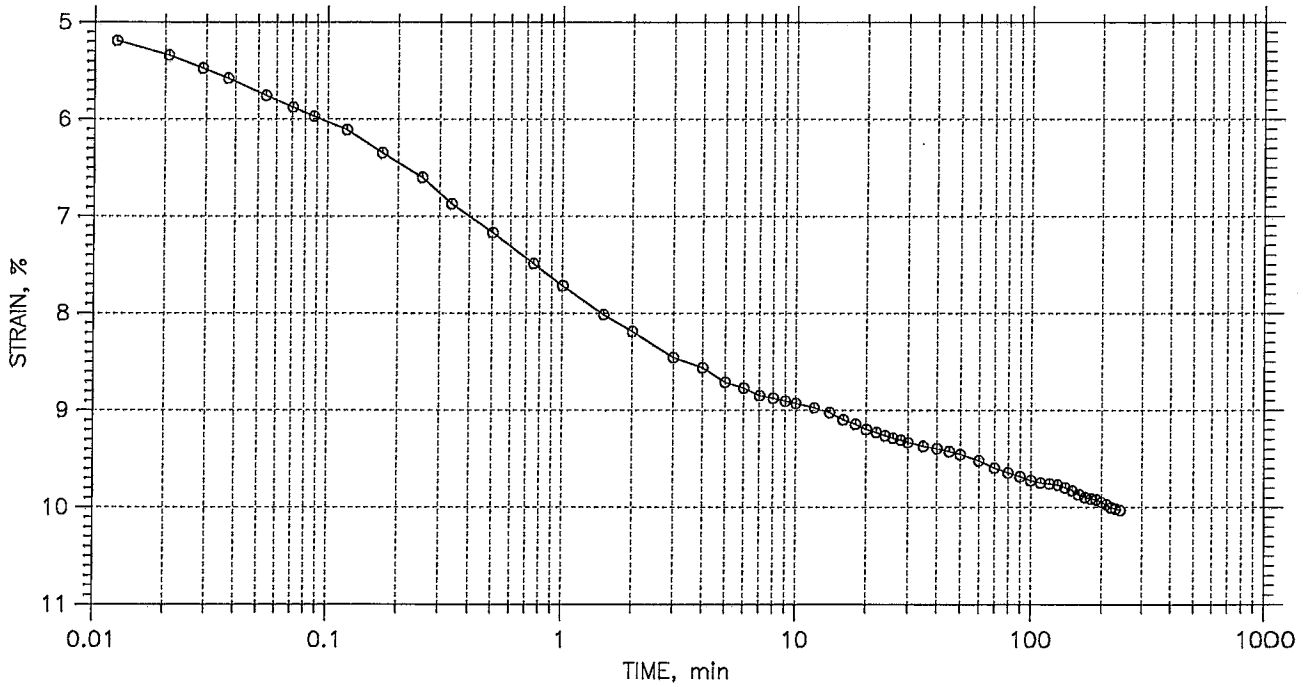
Tue, 24-APR-2007 11:11:16

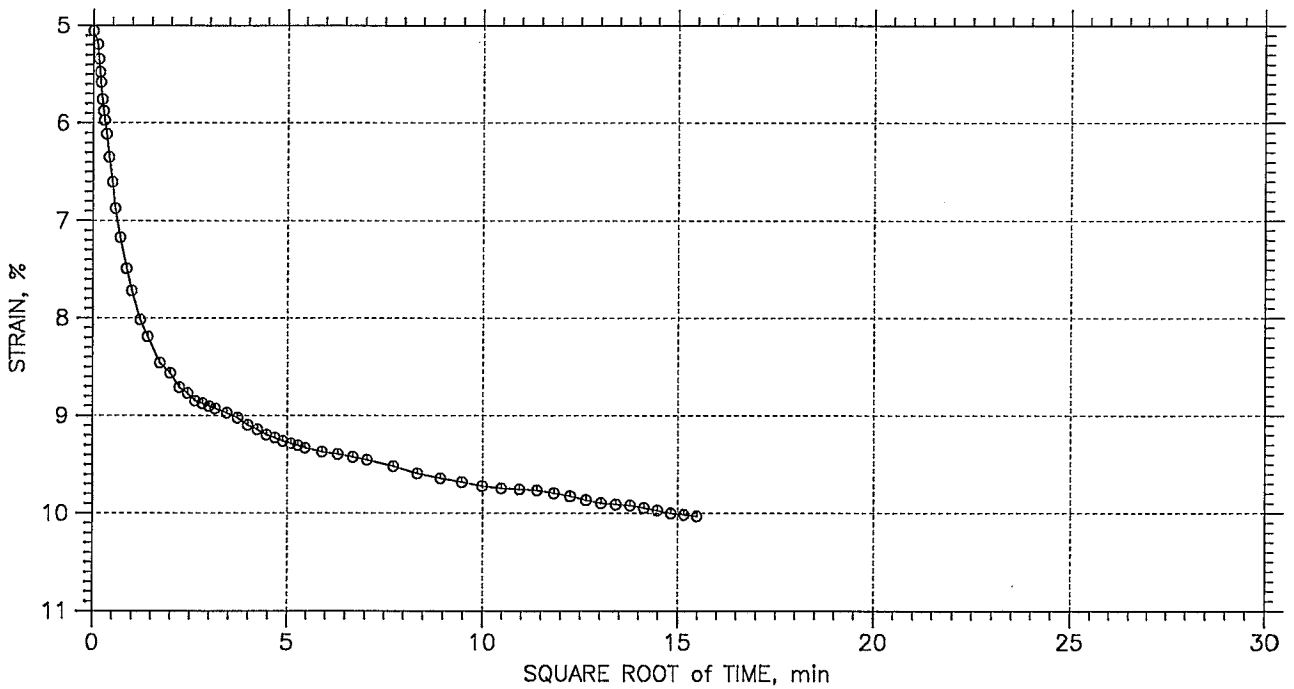
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

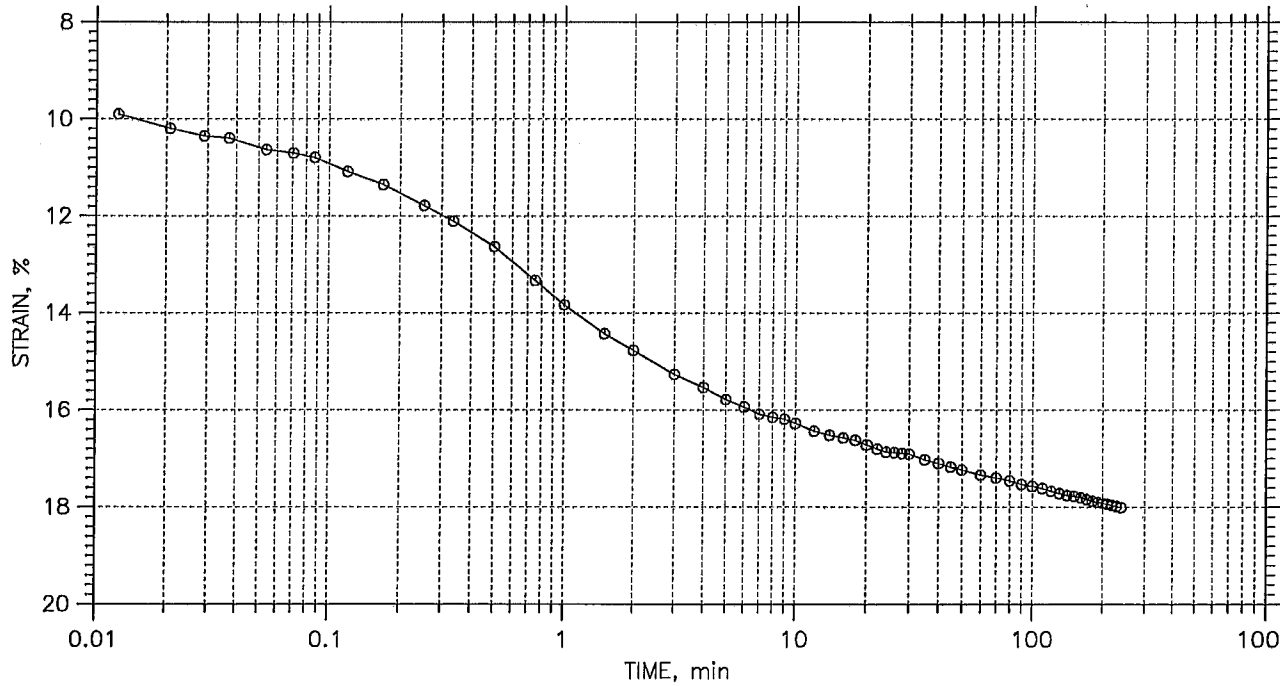
Tue, 24-APR-2007 11:11:17

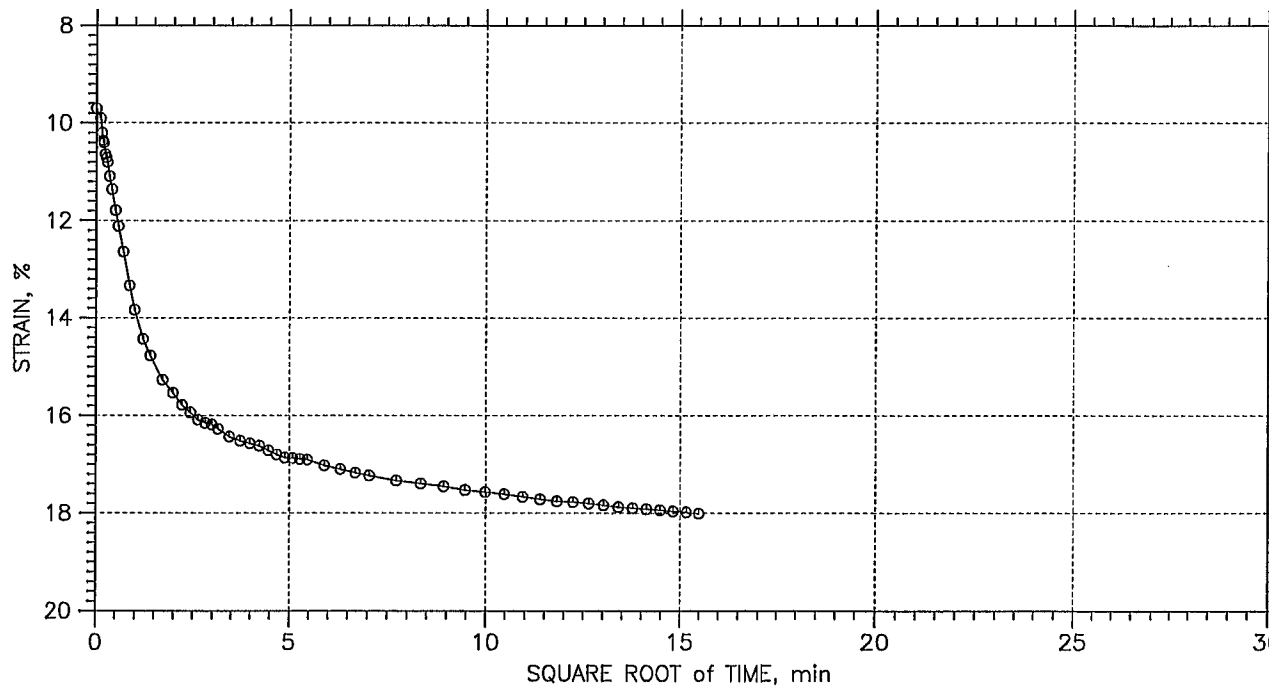
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

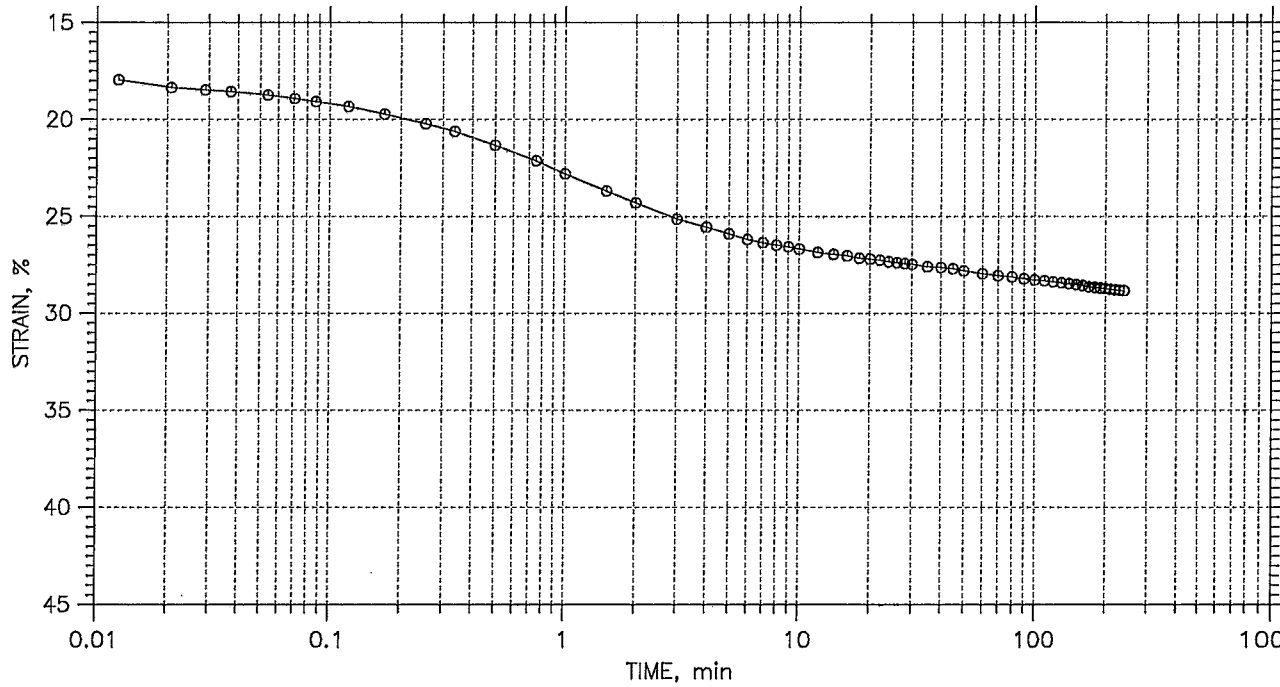
Tue, 24-APR-2007 11:11:18

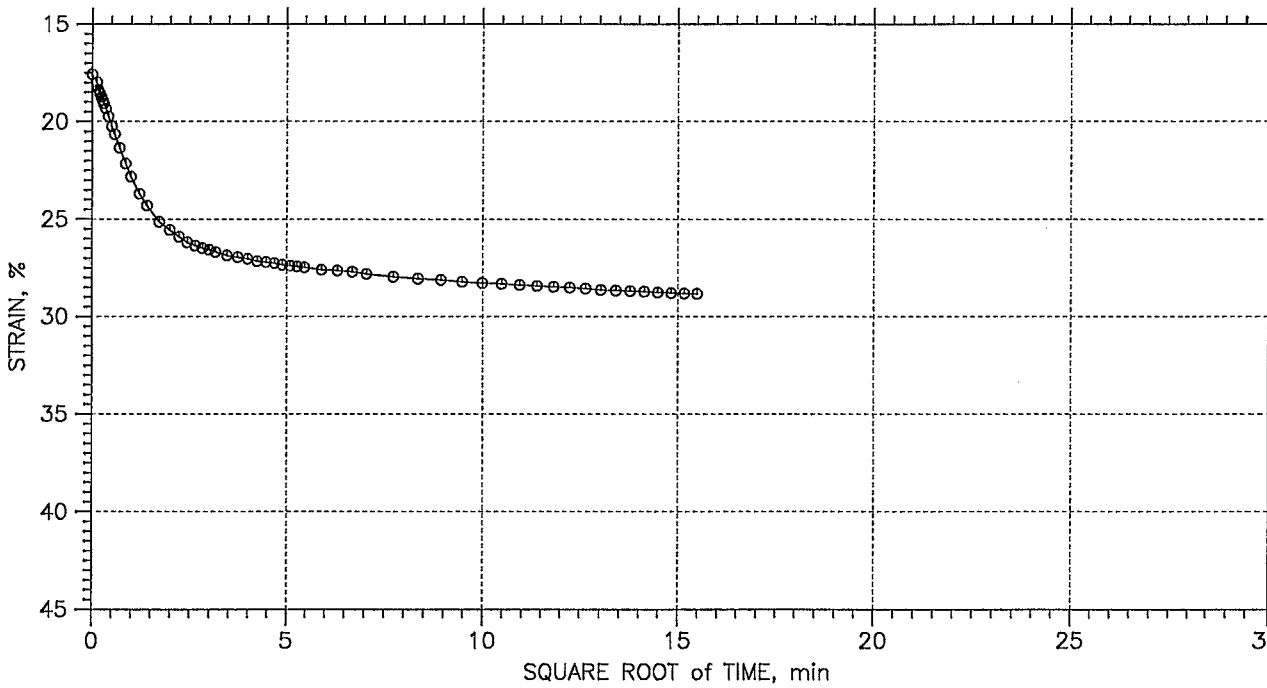
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

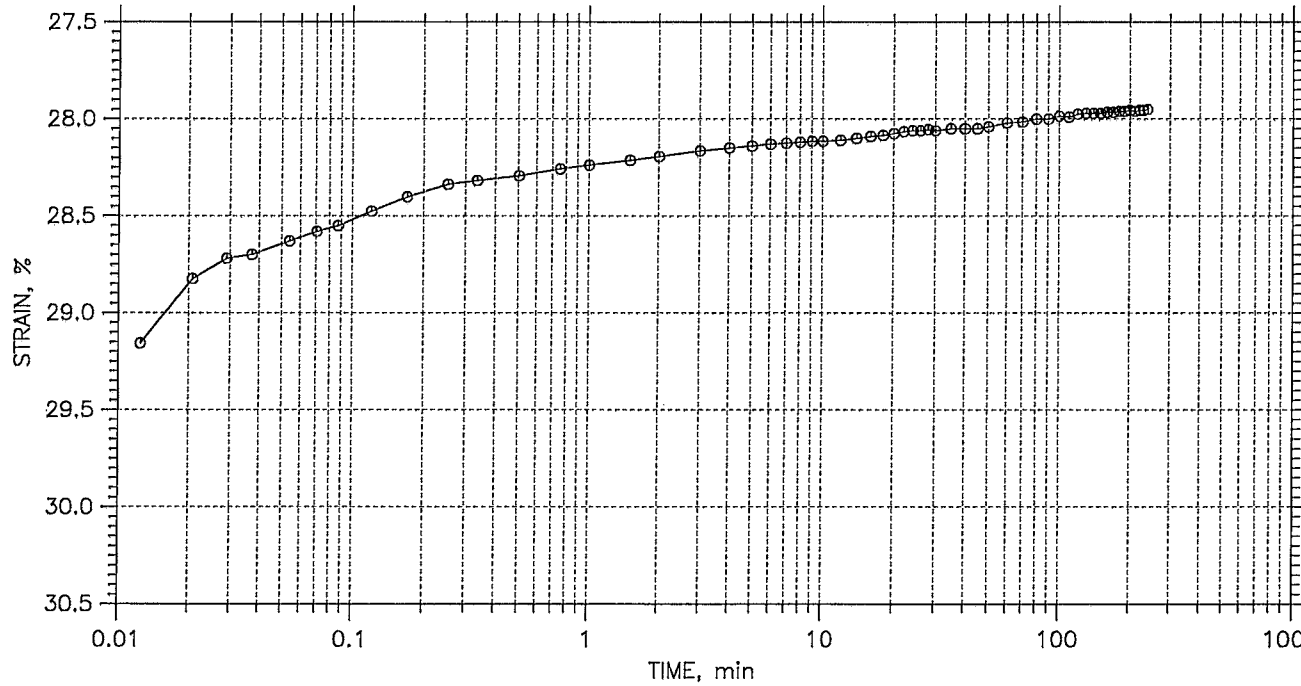
Tue, 24-APR-2007 11:11:19

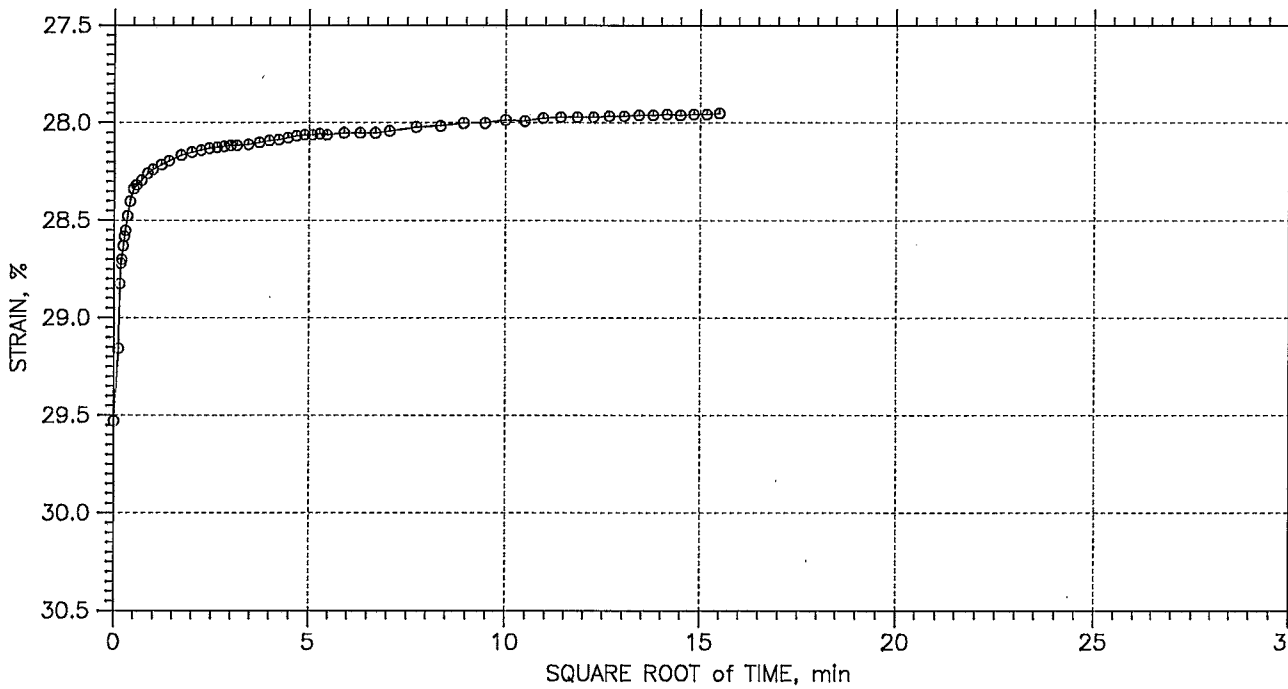
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

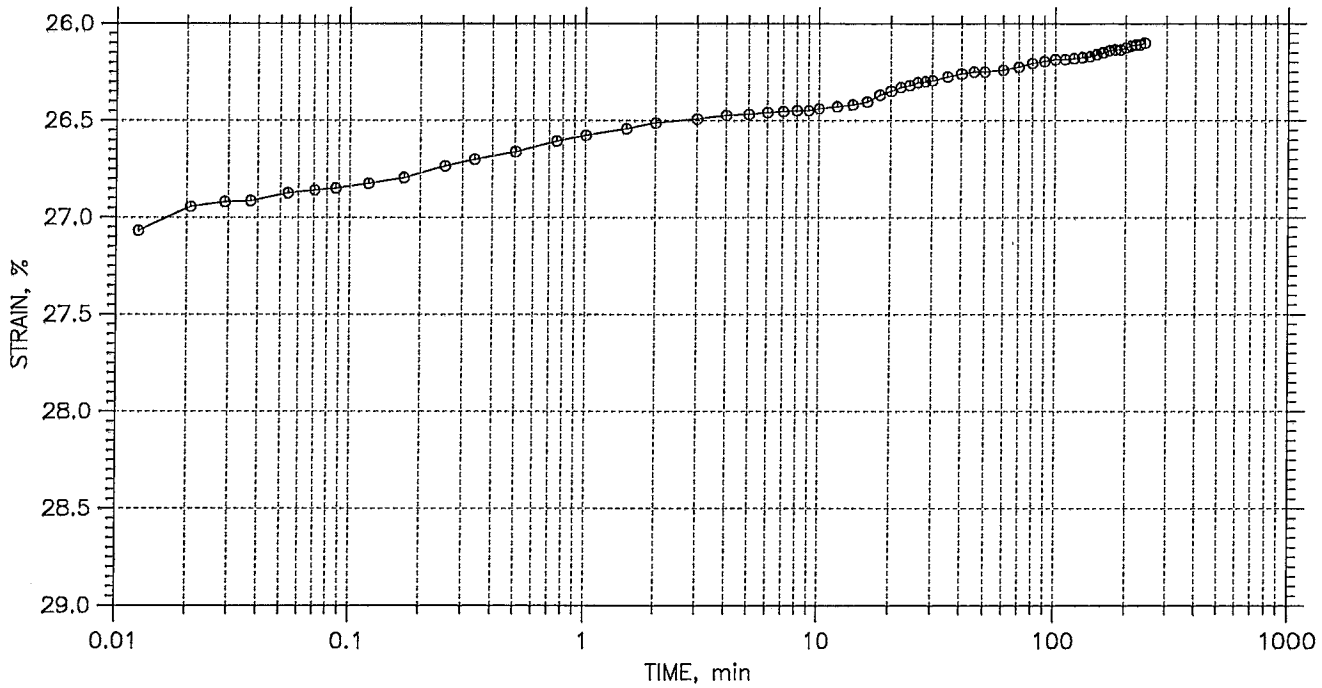
Tue, 24-APR-2007 11:11:20

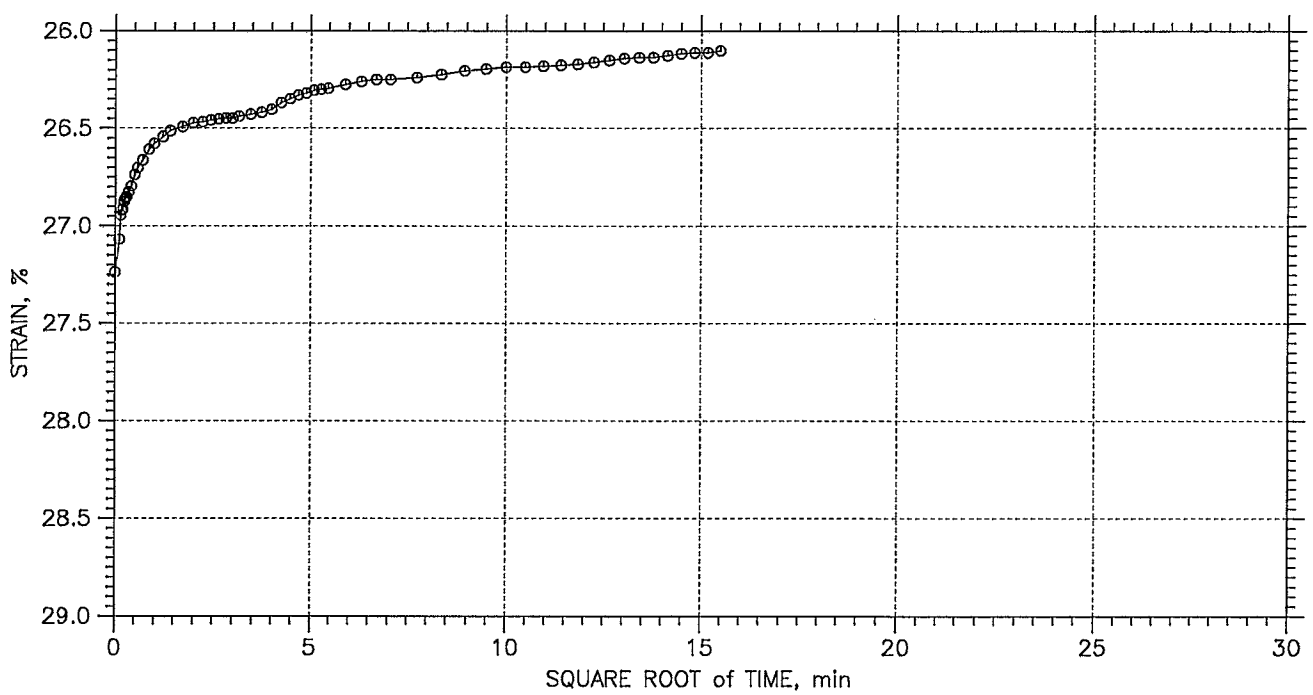
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

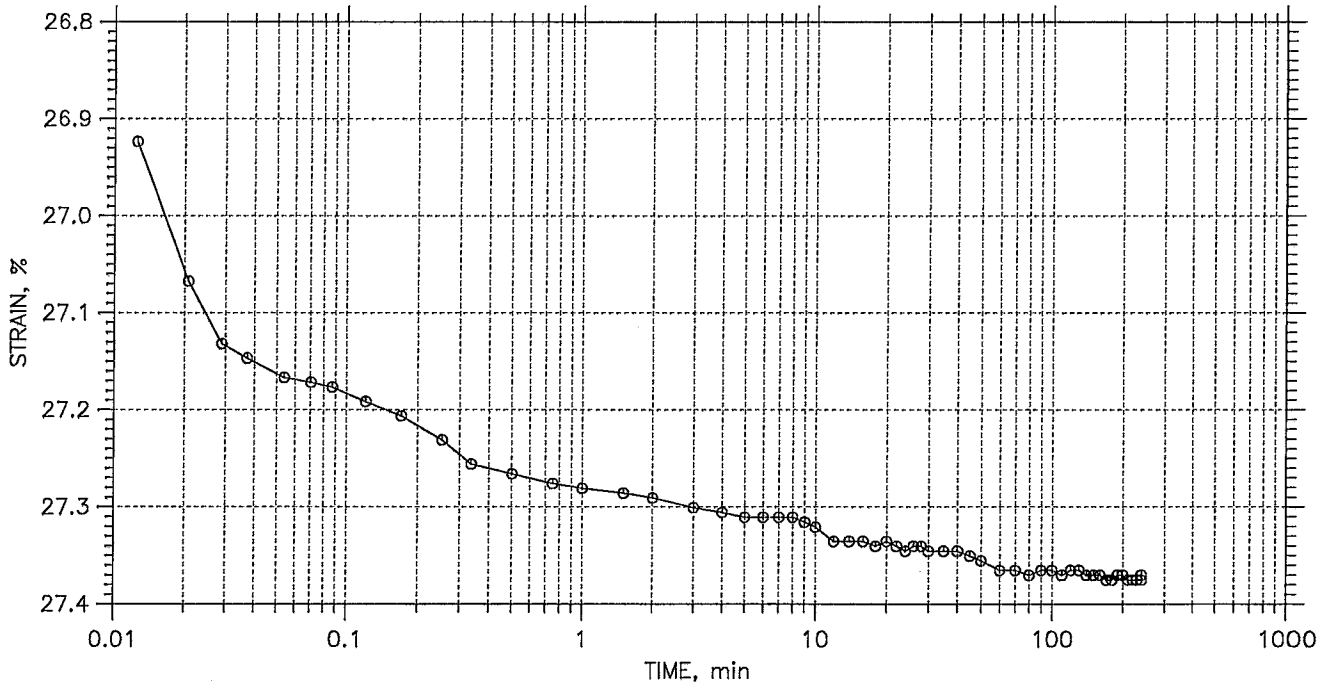
Tue, 24-APR-2007 11:11:22

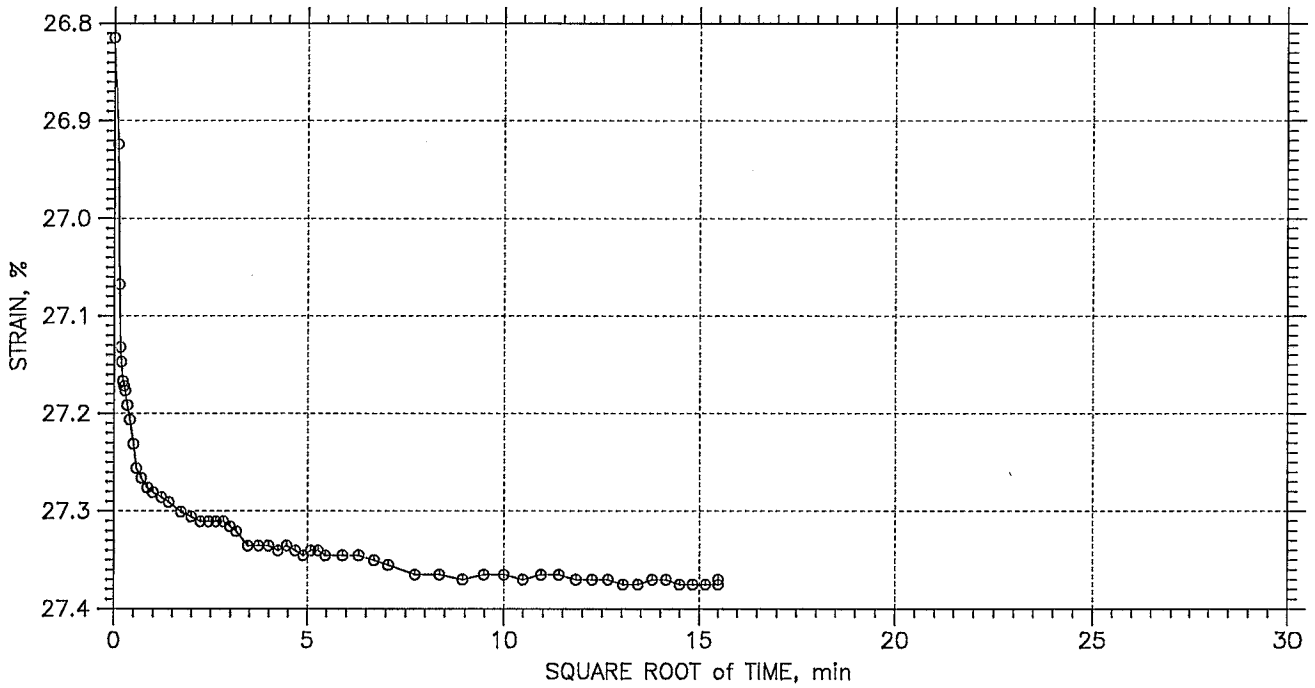
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

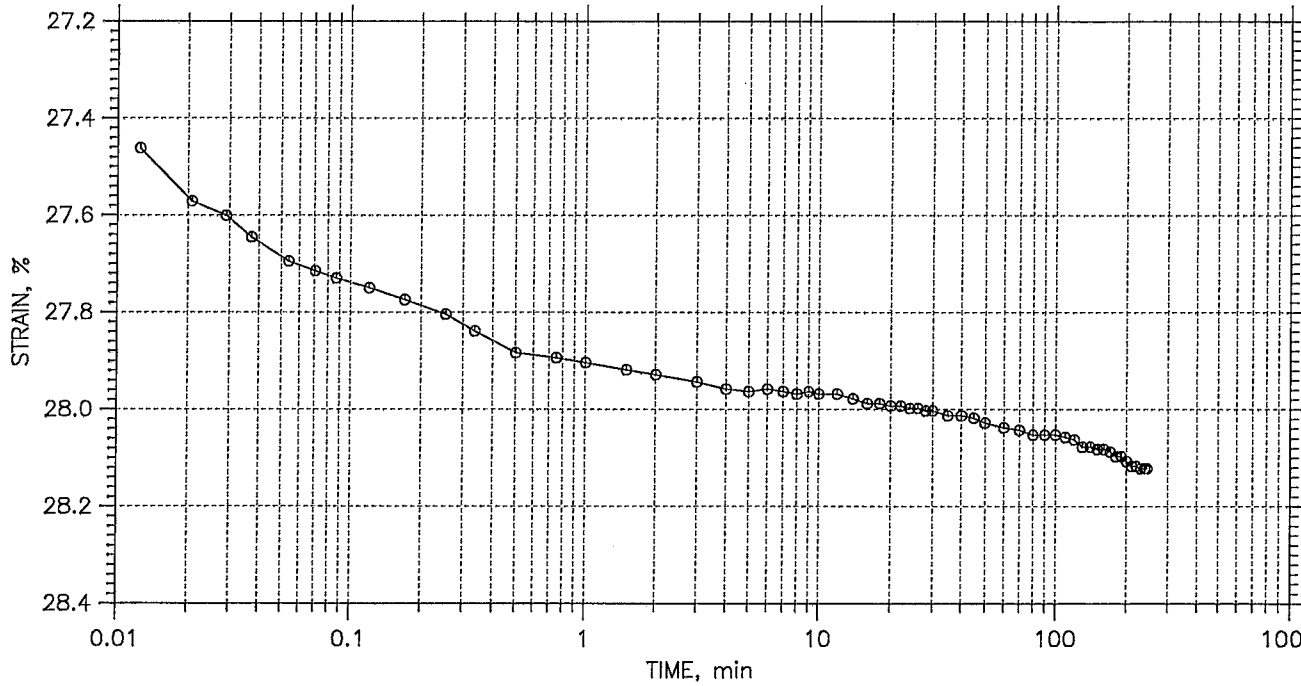
Tue, 24-APR-2007 11:11:23

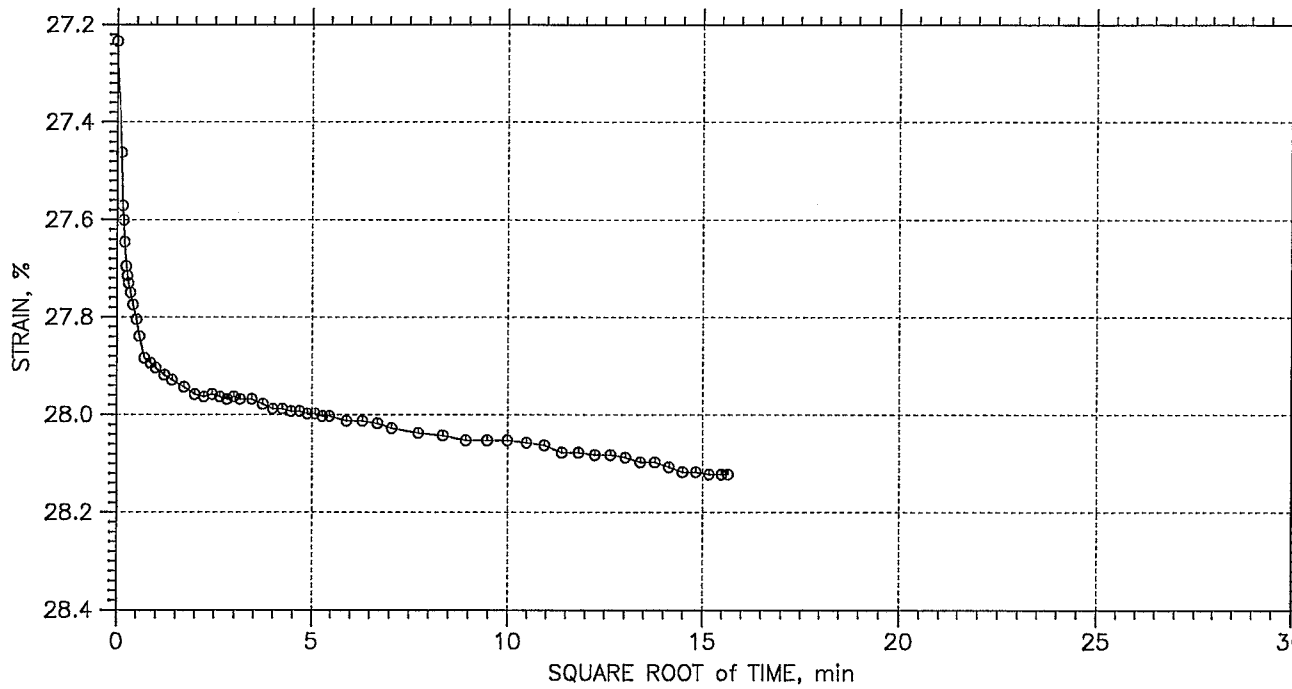
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

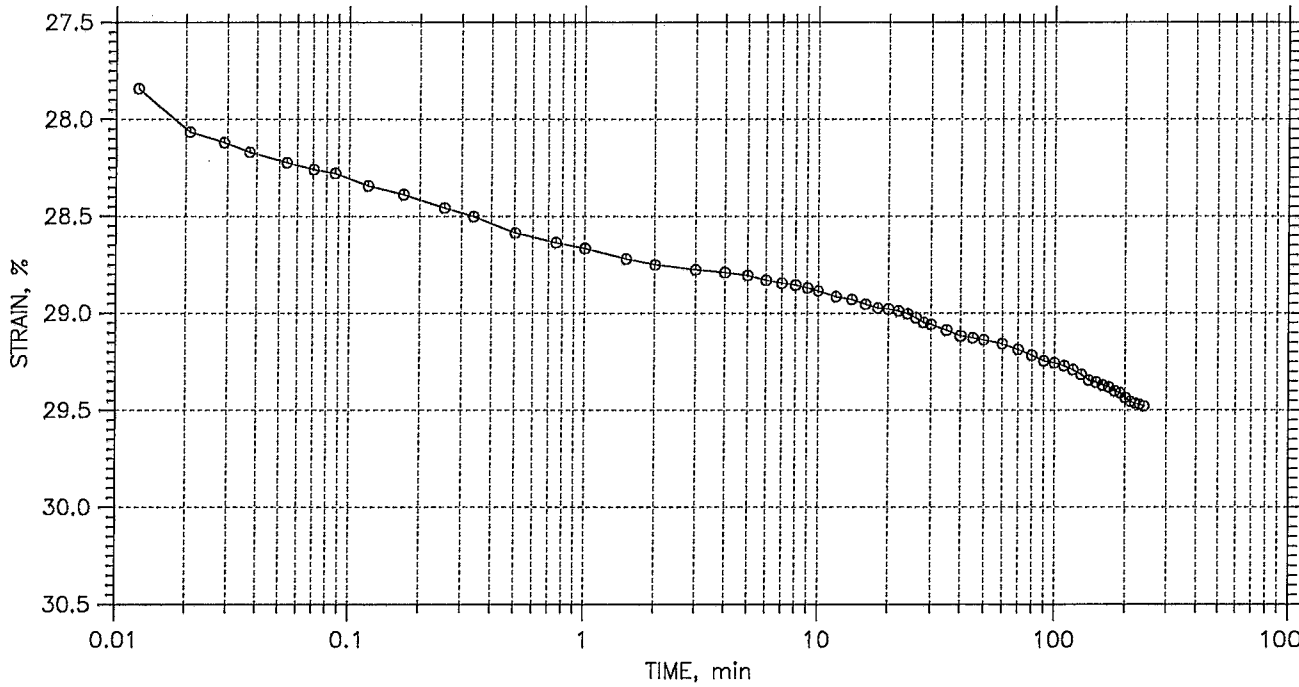
Tue, 24-APR-2007 11:11:24

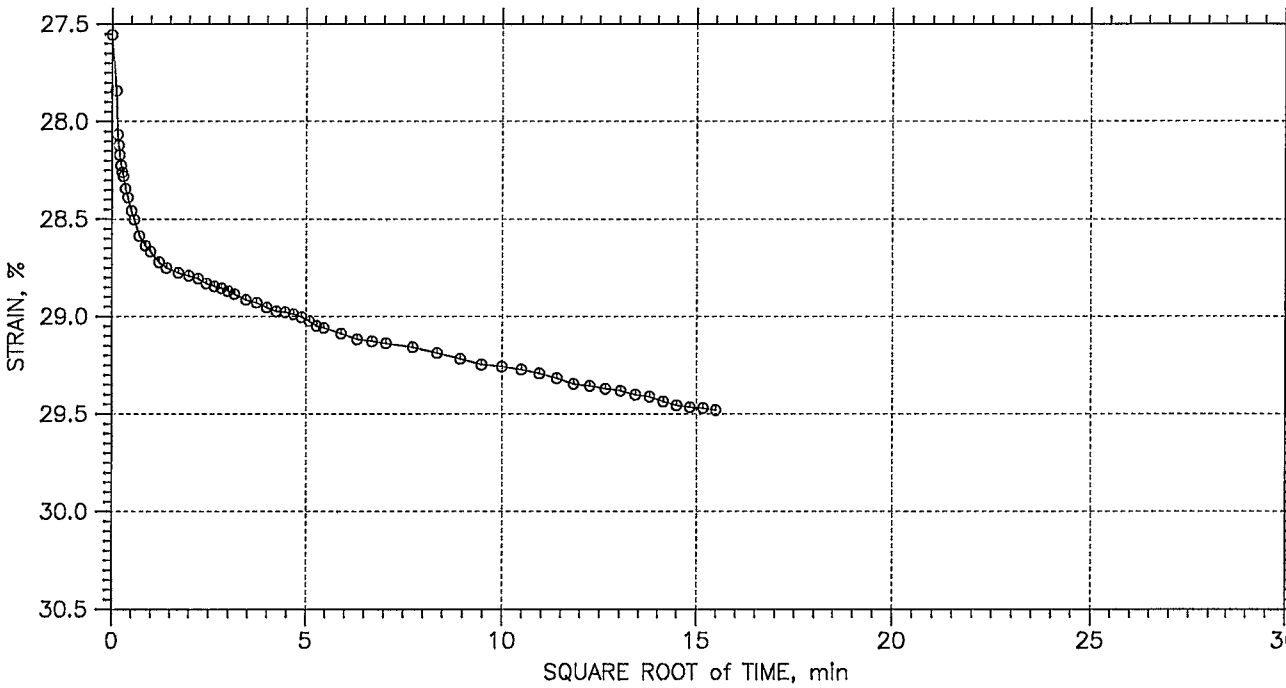
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



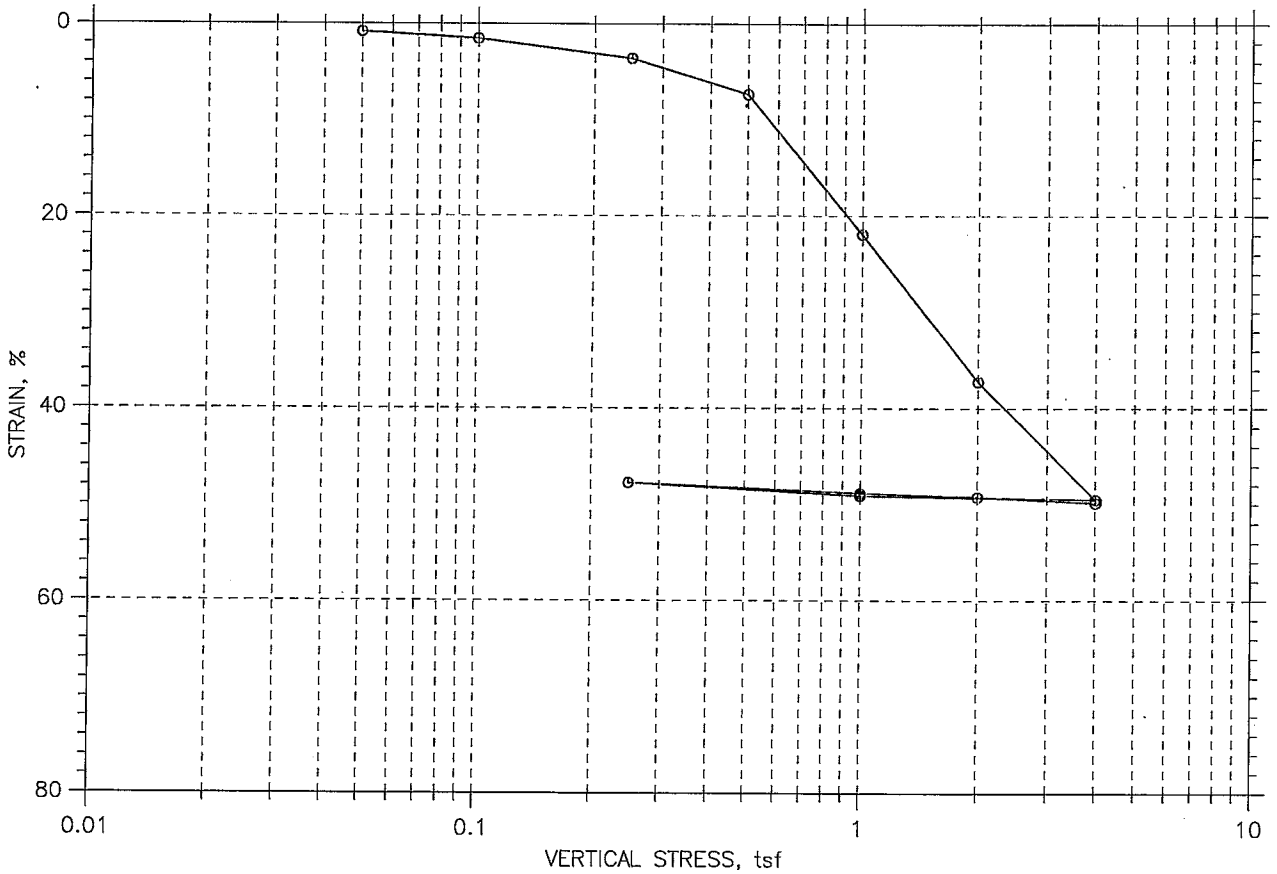


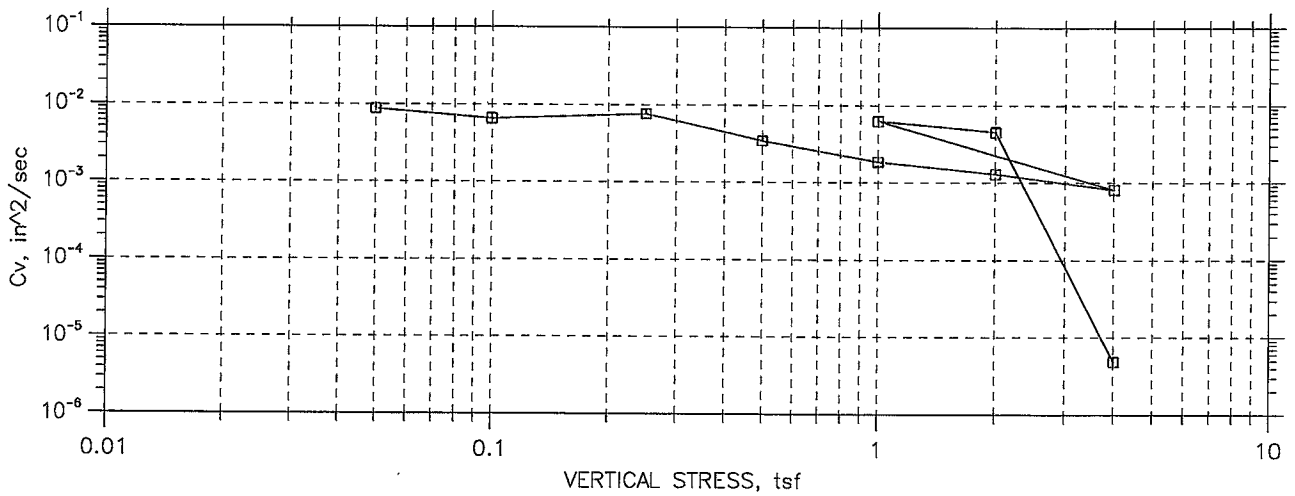
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB 13-12	Tested By: md	Checked By: jdt
	Sample No.: 0300-11	Test Date: 04/17/07	Depth: 44-46 ft
	Test No.: C-23	Sample Type: tube	Elevation: ---
	Description: Moist, white silt		
	Remarks: System Q		

Tue, 24-APR-2007 11:11:25

CONSOLIDATION TEST DATA

SUMMARY REPORT



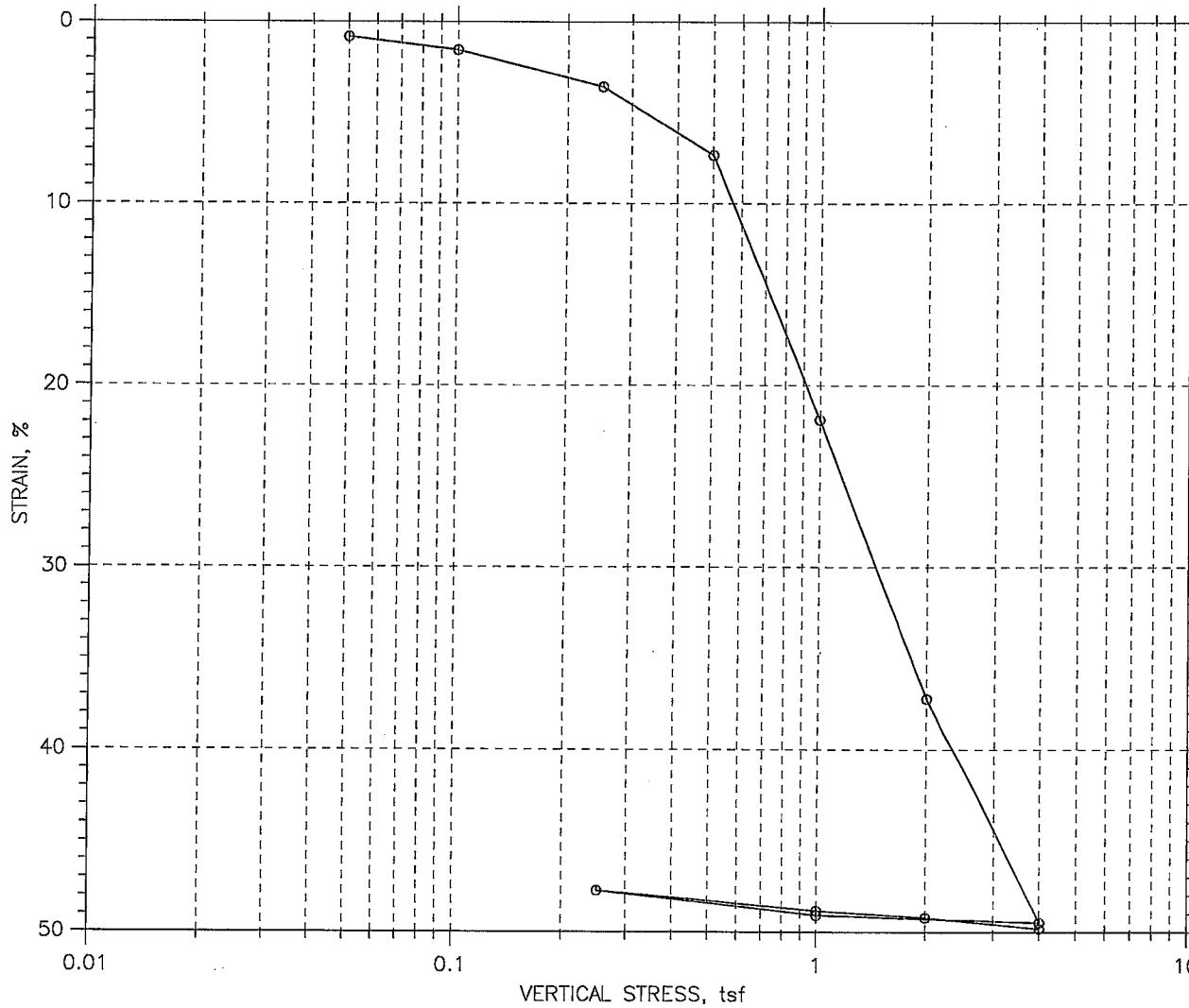


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

Mon, 09-APR-2007 12:38:58

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	498.12	242.80
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	11.02	21.96
Compression Index: ---				Saturation, %	94.87	99.99
Diameter: 2.5 in		Height: 1 in		Void Ratio	12.65	5.85
LL: 171	PL: 125	PI: 46	GS: 2.41			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

Mon, 09-APR-2007 12:39:00

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-13
Sample No.: 0300-12
Test No.: C-17

Location: Syracuse, NY
Tested By: md
Test Date: 03/28/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, dark gray silt
Remarks: System R

Measured Specific Gravity: 2.41
Initial Void Ratio: 12.65
Final Void Ratio: 5.85

Liquid Limit: 171
Plastic Limit: 125
Plasticity Index: 46

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	1424	RING		kiwi
Wt. Container + Wet Soil, gm	152.59	195.88	159.63	59.09
Wt. Container + Dry Soil, gm	38.12	125.16	125.16	23.01
Wt. Container, gm	8.38	110.96	110.96	8.15
Wt. Dry Soil, gm	29.74	14.198	14.198	14.86
Water Content, %	384.90	498.12	242.80	242.80
Void Ratio	---	12.65	5.85	---
Degree of Saturation, %	---	94.87	99.99	---
Dry Unit Weight, pcf	---	11.019	21.957	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-13
Sample No.: 0300-12
Test No.: C-17

Location: Syracuse, NY
Tested By: md
Test Date: 03/28/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 10-12 ft
Elevation: ---

Soil Description: Moist, dark gray silt
Remarks: System R

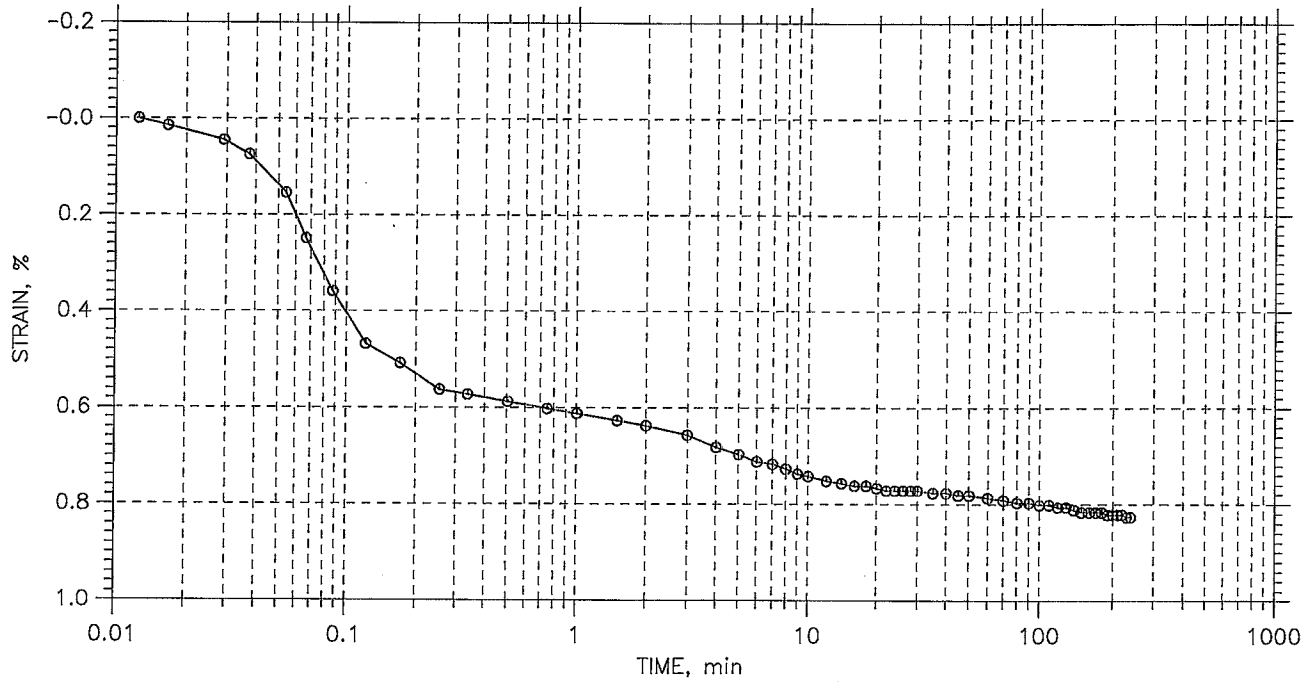
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.008261	12.541	0.83	0.1	0.1	7.79e-003	9.96e-003	8.74e-003
2	0.1	0.01553	12.442	1.55	0.1	0.1	5.94e-003	7.29e-003	6.54e-003
3	0.25	0.03579	12.166	3.58	0.1	0.1	7.01e-003	8.24e-003	7.57e-003
4	0.5	0.07332	11.653	7.33	0.3	0.1	2.46e-003	5.67e-003	3.43e-003
5	1	0.2189	9.665	21.89	0.3	0.3	1.83e-003	1.88e-003	1.86e-003
6	2	0.3722	7.572	37.22	0.3	0.3	1.40e-003	1.20e-003	1.29e-003
7	4	0.4948	5.898	49.48	0.3	0.3	8.73e-004	7.63e-004	8.15e-004
8	1	0.4907	5.953	49.07	0.0	0.0	1.08e-002	0.00e+000	1.08e-002
9	0.25	0.4774	6.136	47.74	0.3	0.0	7.33e-004	0.00e+000	7.33e-004
10	1	0.4884	5.986	48.84	0.0	0.0	6.21e-003	0.00e+000	6.21e-003
11	2	0.4921	5.935	49.21	0.1	0.0	2.62e-003	1.56e-002	4.49e-003
12	4	0.4982	5.852	49.82	42.7	0.0	4.90e-006	0.00e+000	4.90e-006

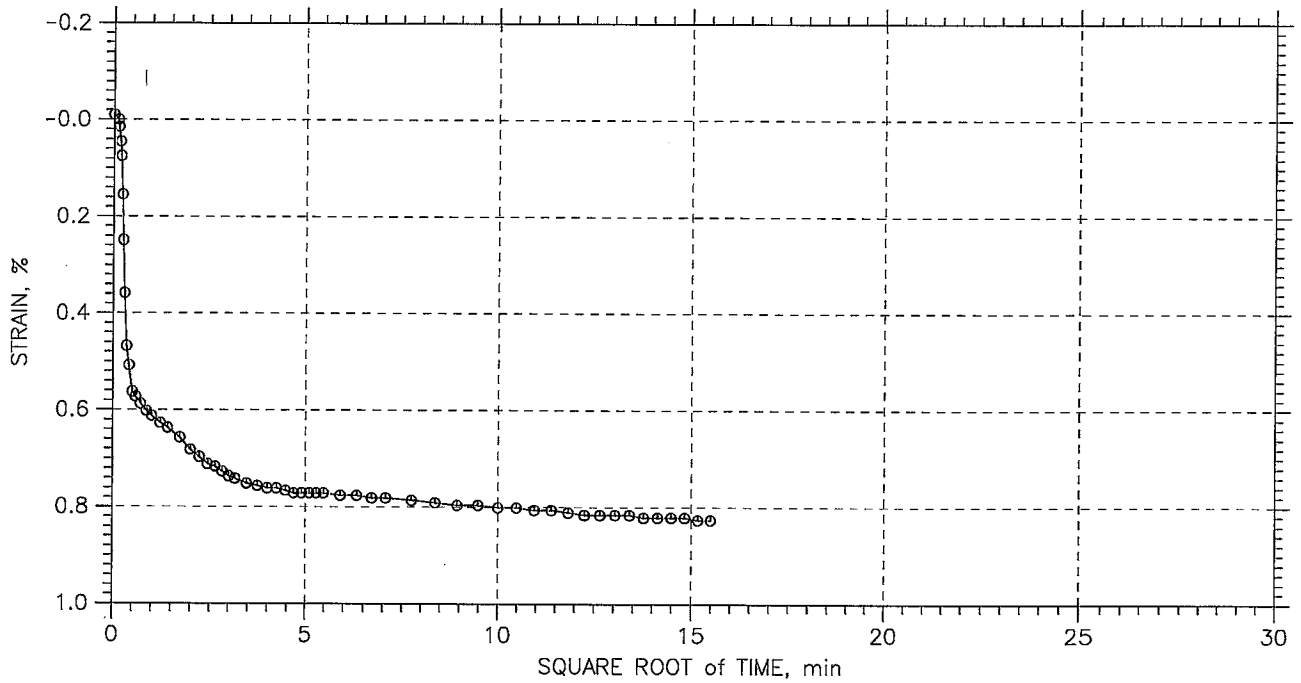
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

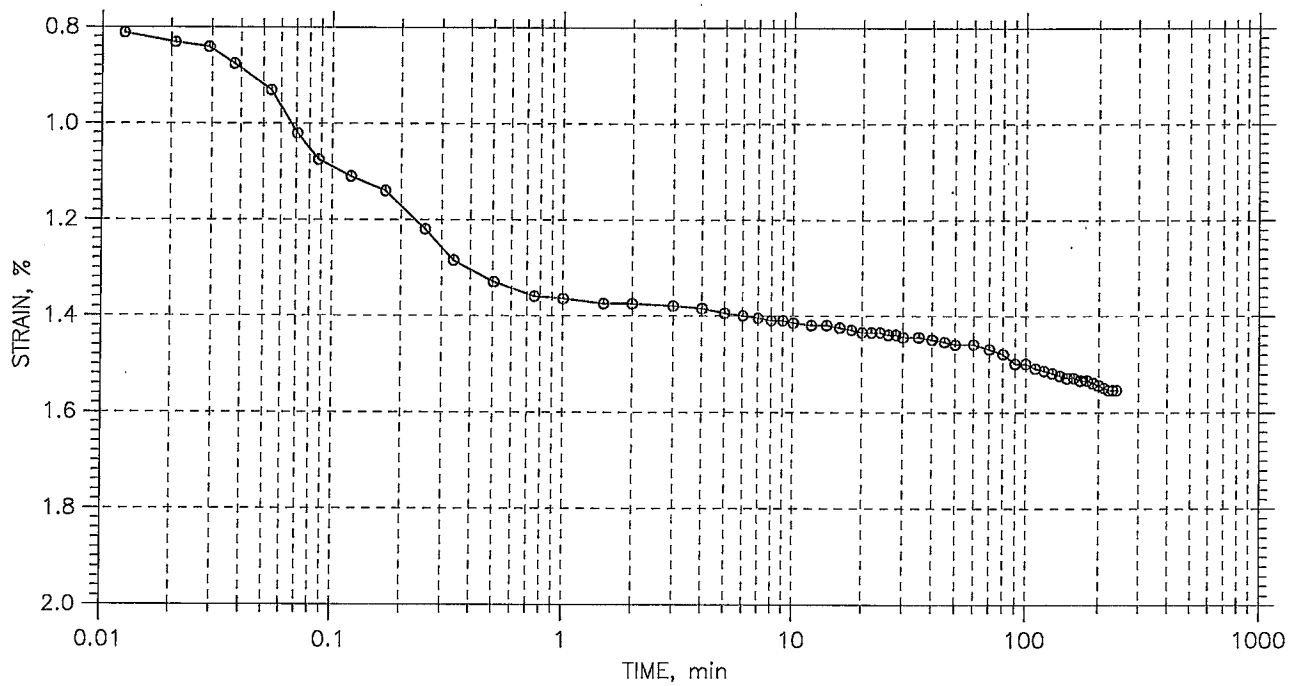
Mon, 09-APR-2007 12:39:02

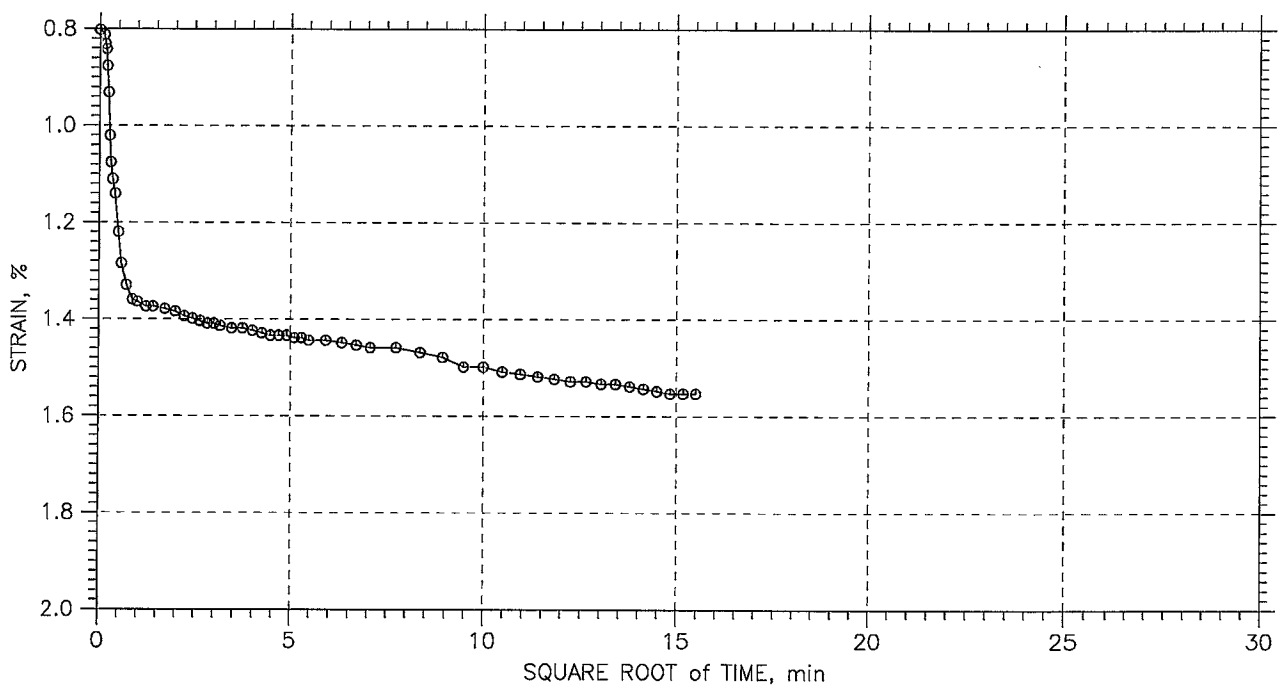
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

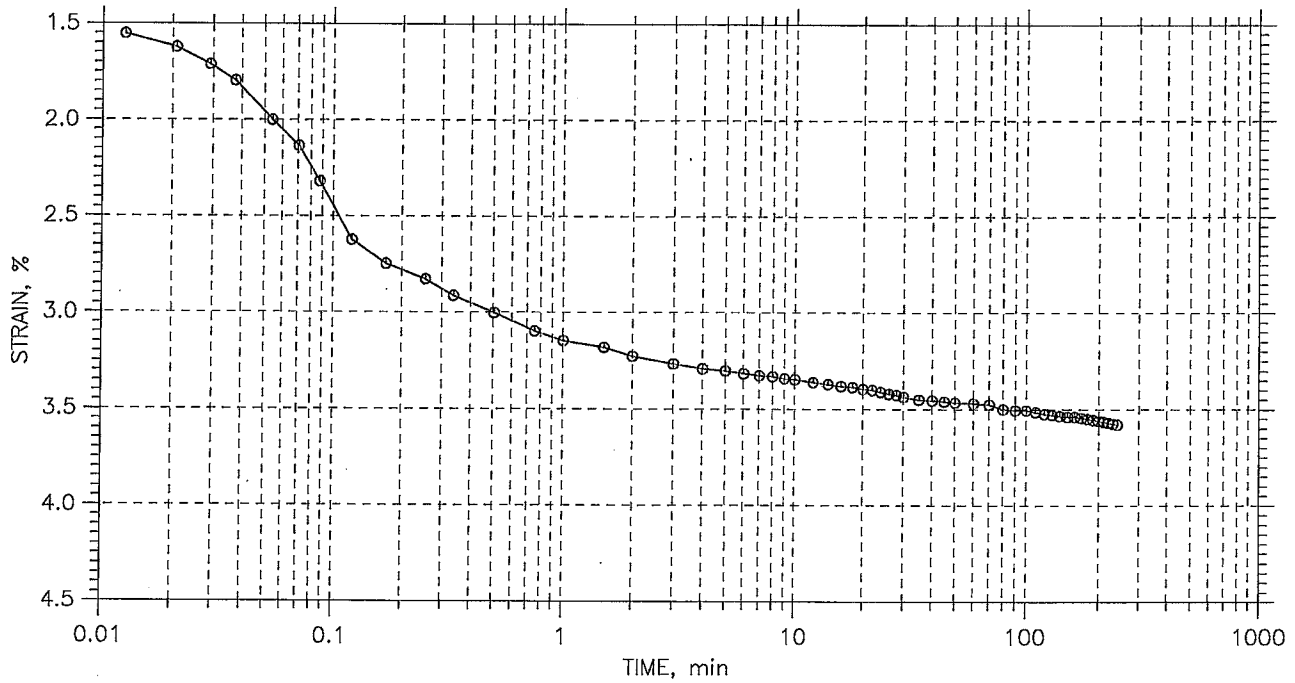
Mon, 09-APR-2007 12:39:07

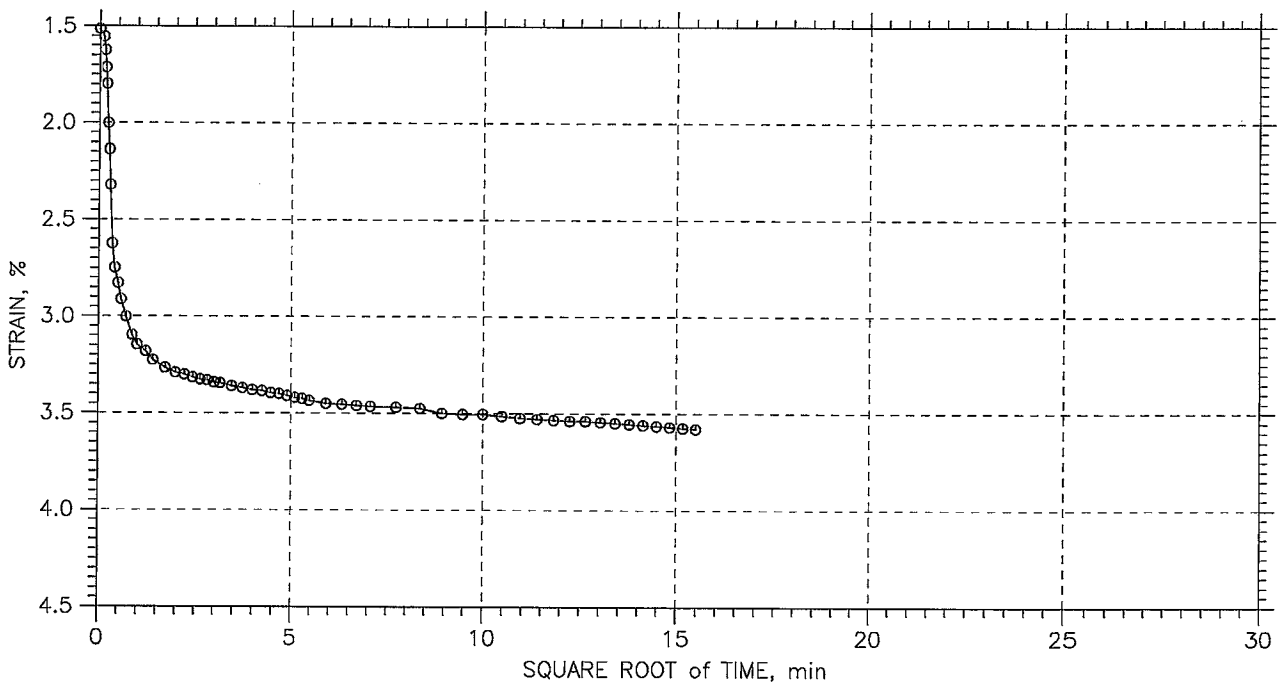
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

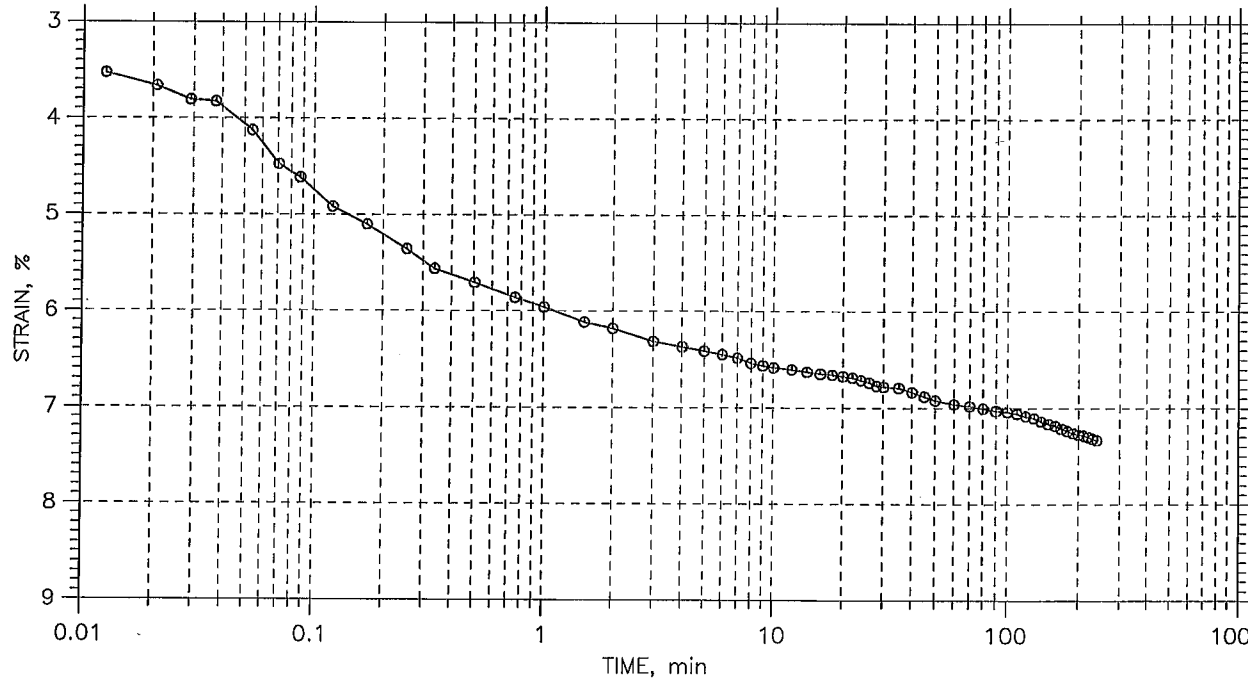
Mon, 09-APR-2007 12:39:09

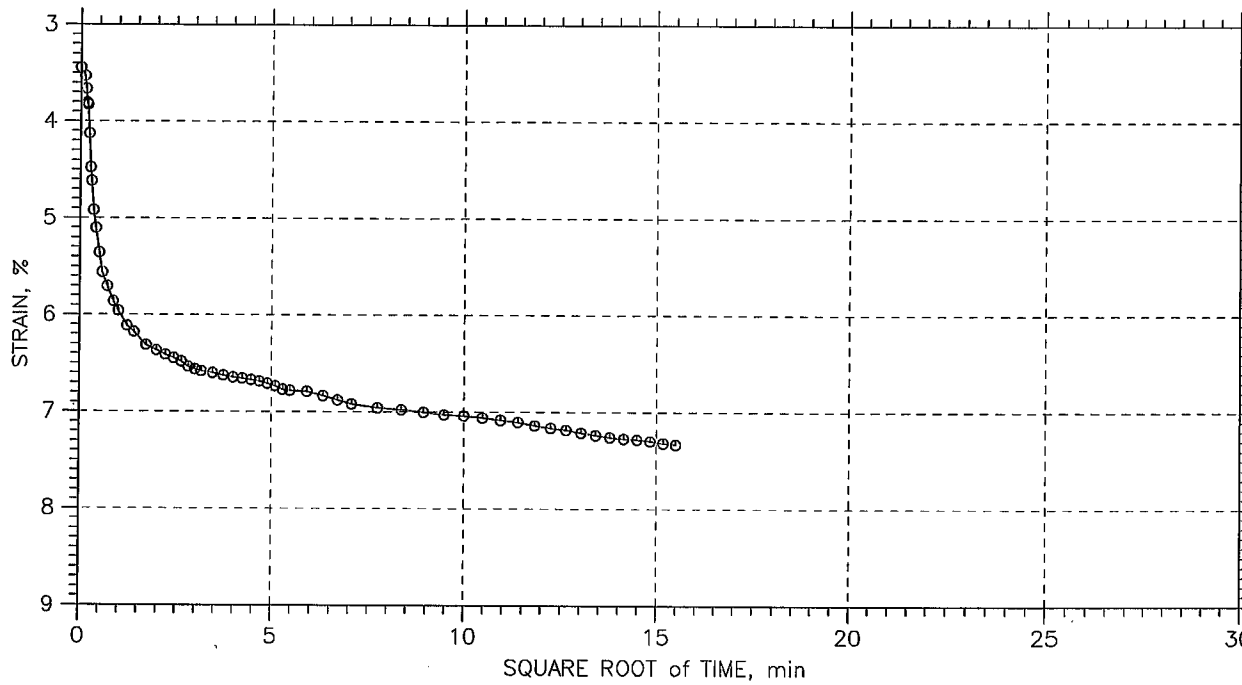
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

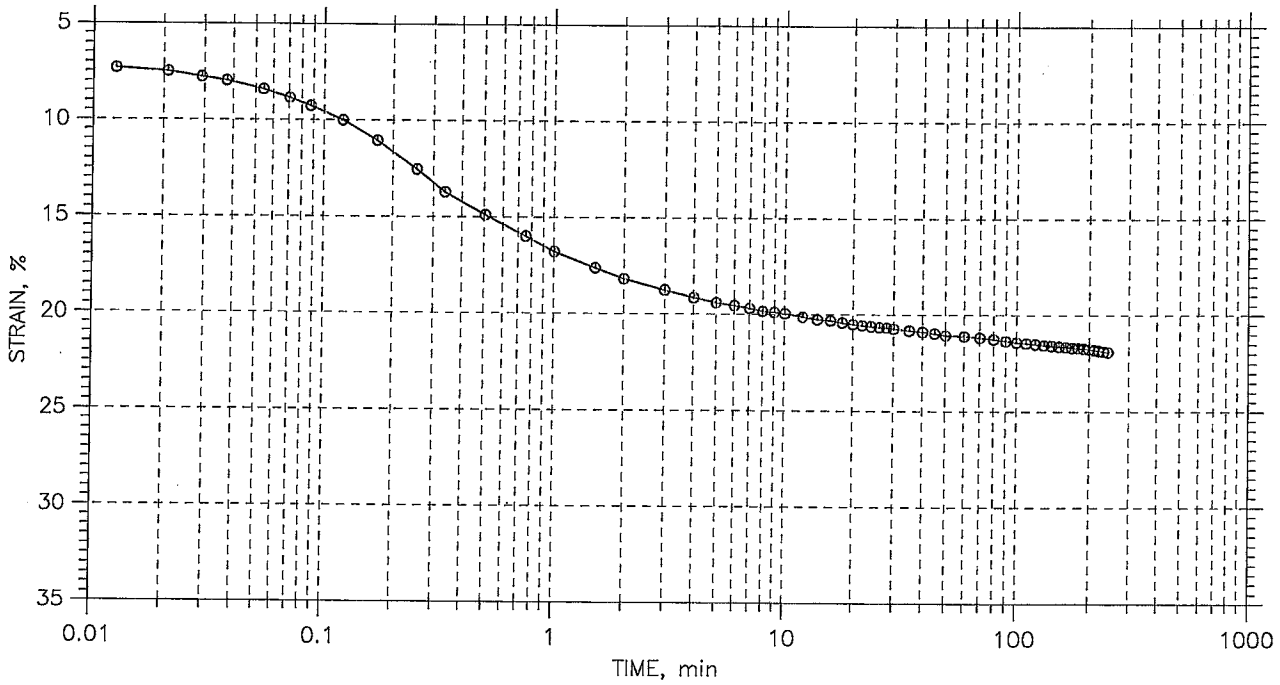
Mon, 09-APR-2007 12:39:11

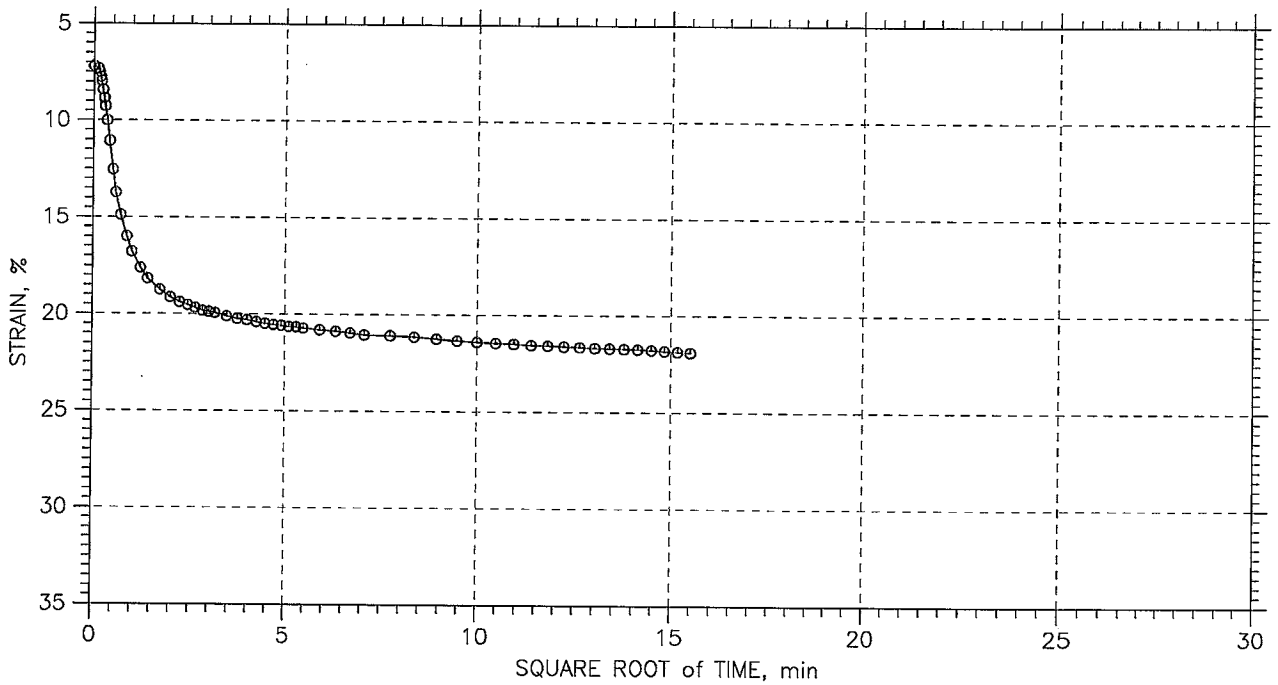
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

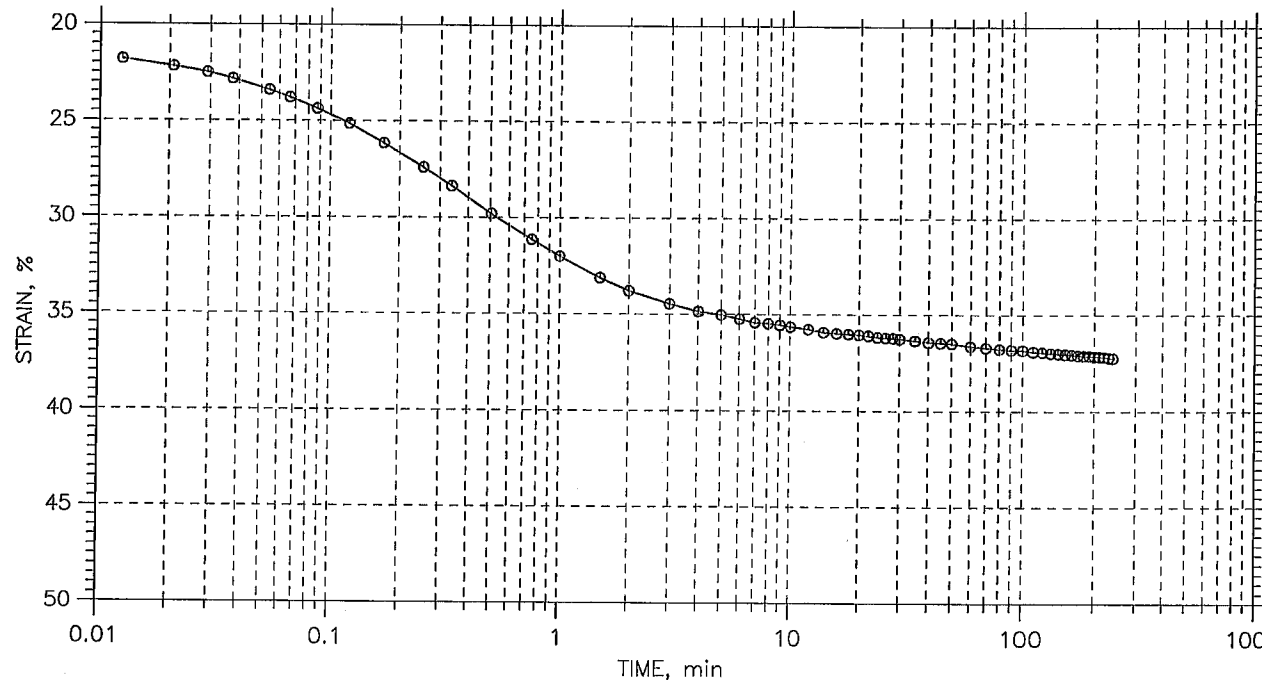
Mon, 09-APR-2007 12:39:14

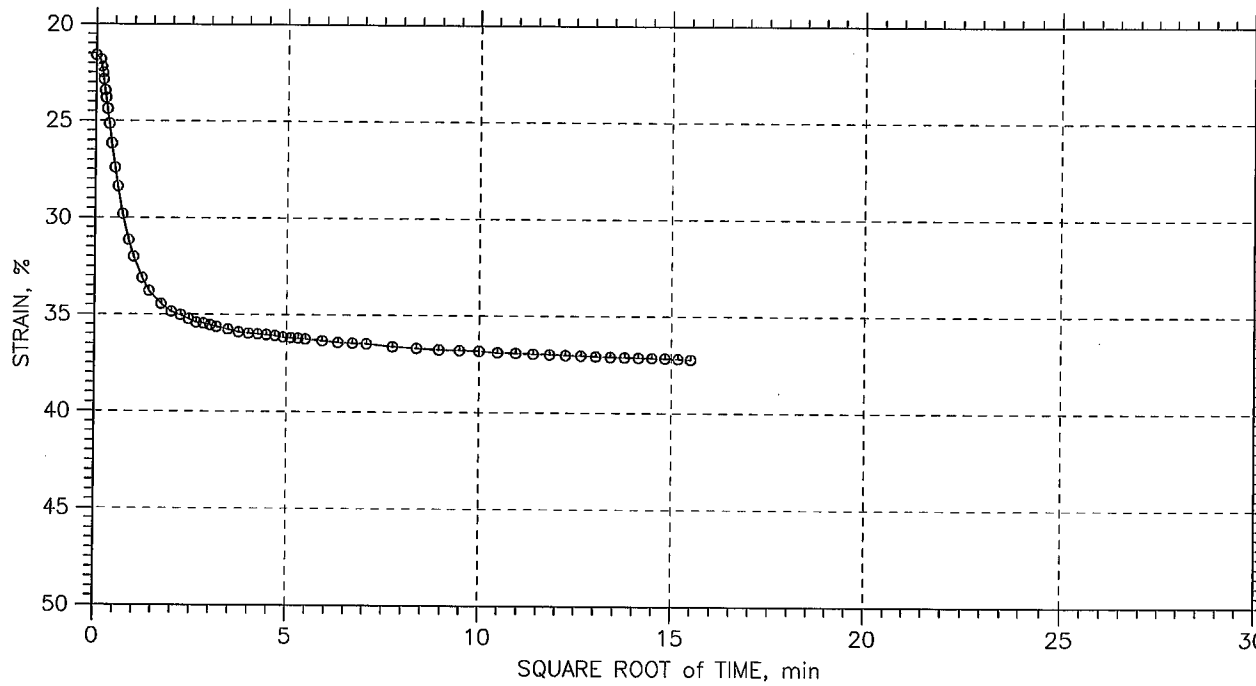
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

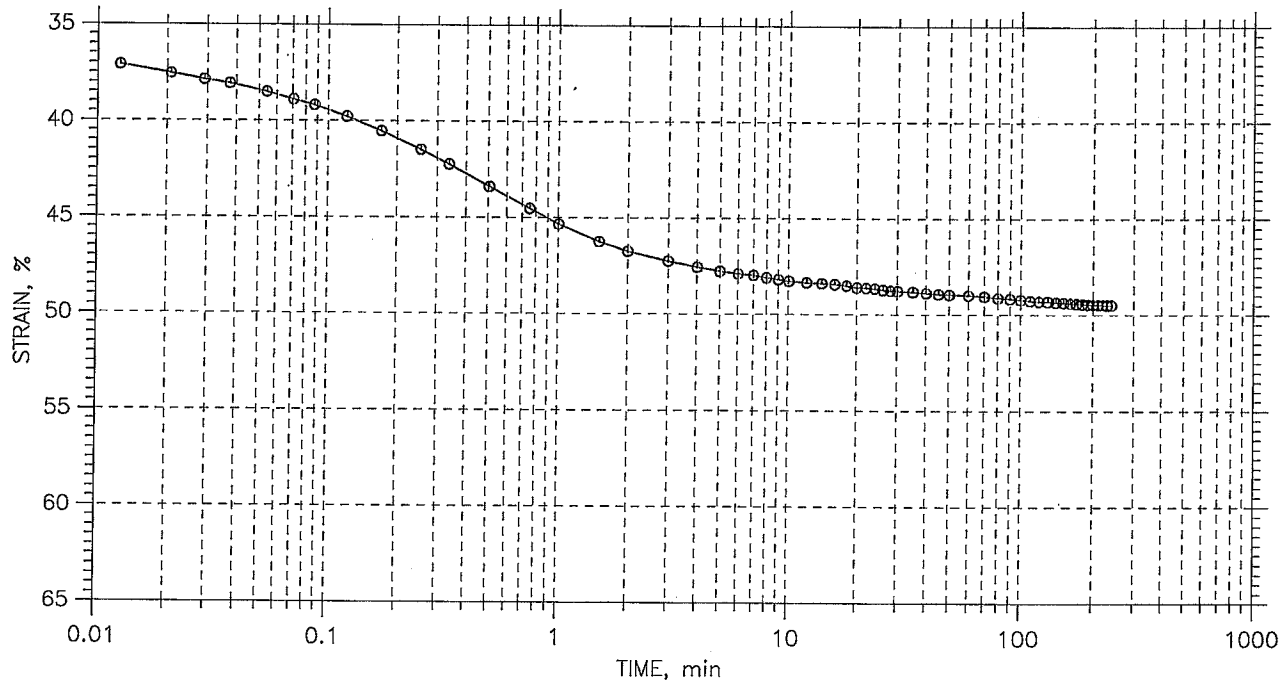
Mon, 09-APR-2007 12:39:17

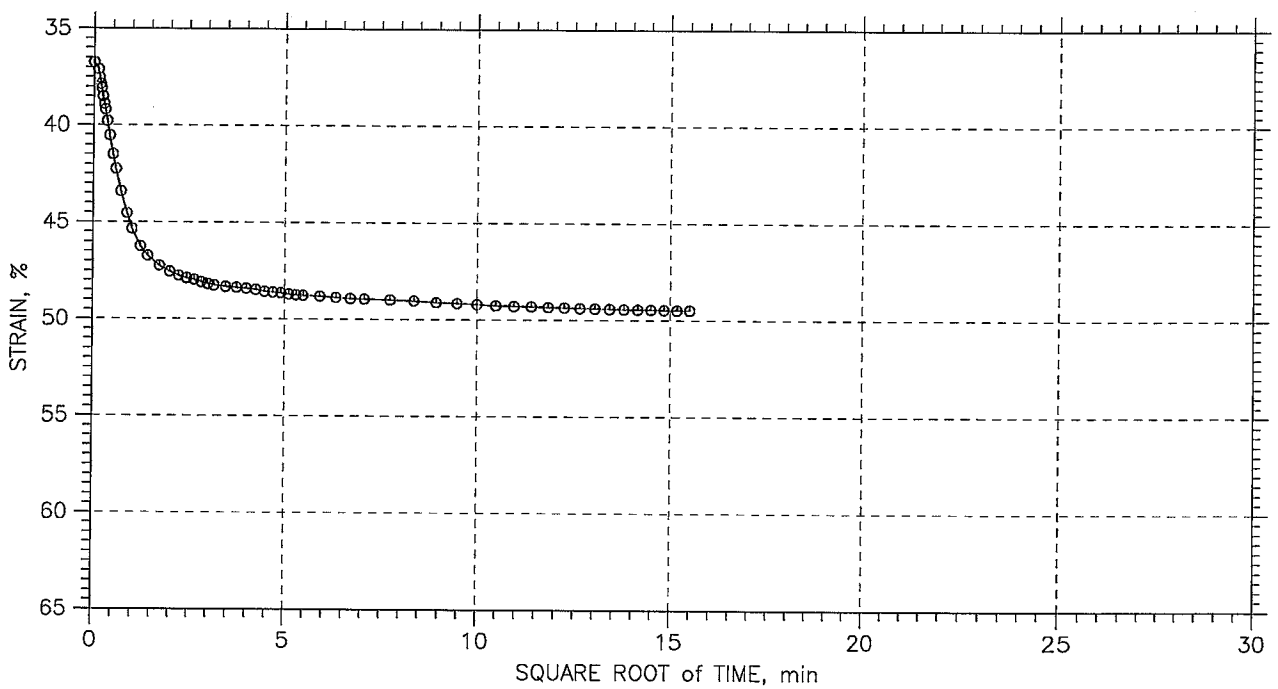
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

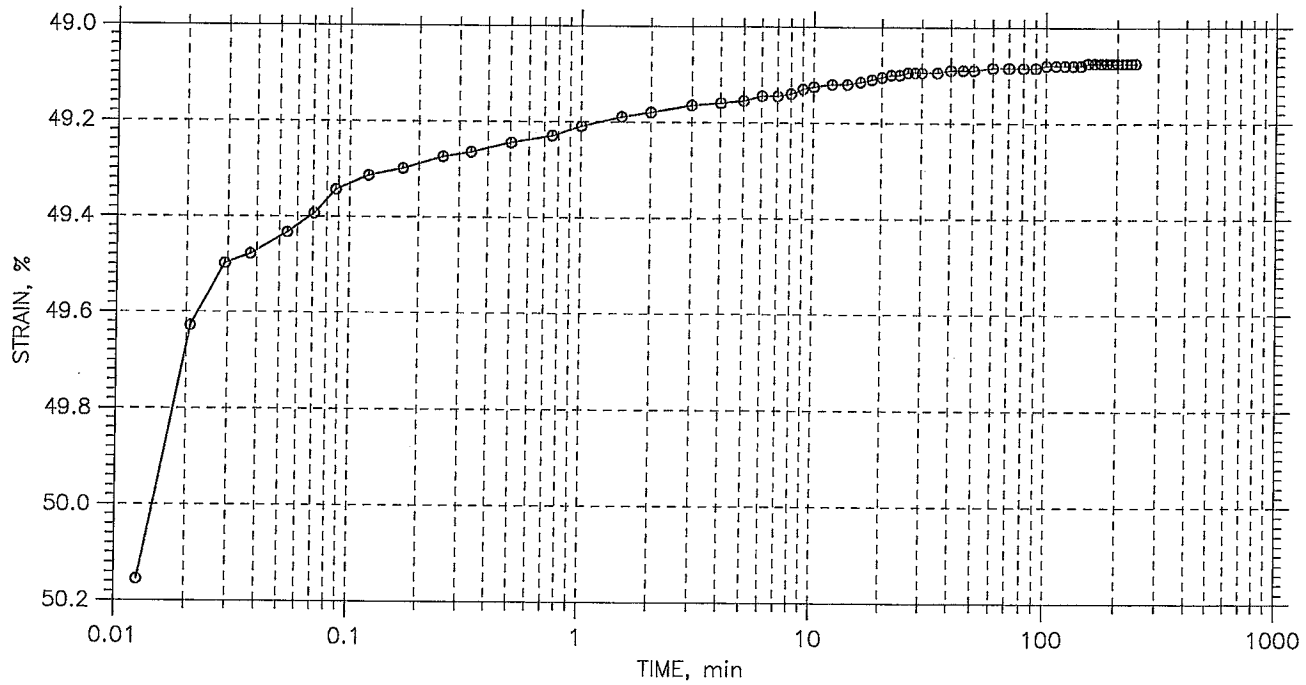
Mon, 09-APR-2007 12:39:20

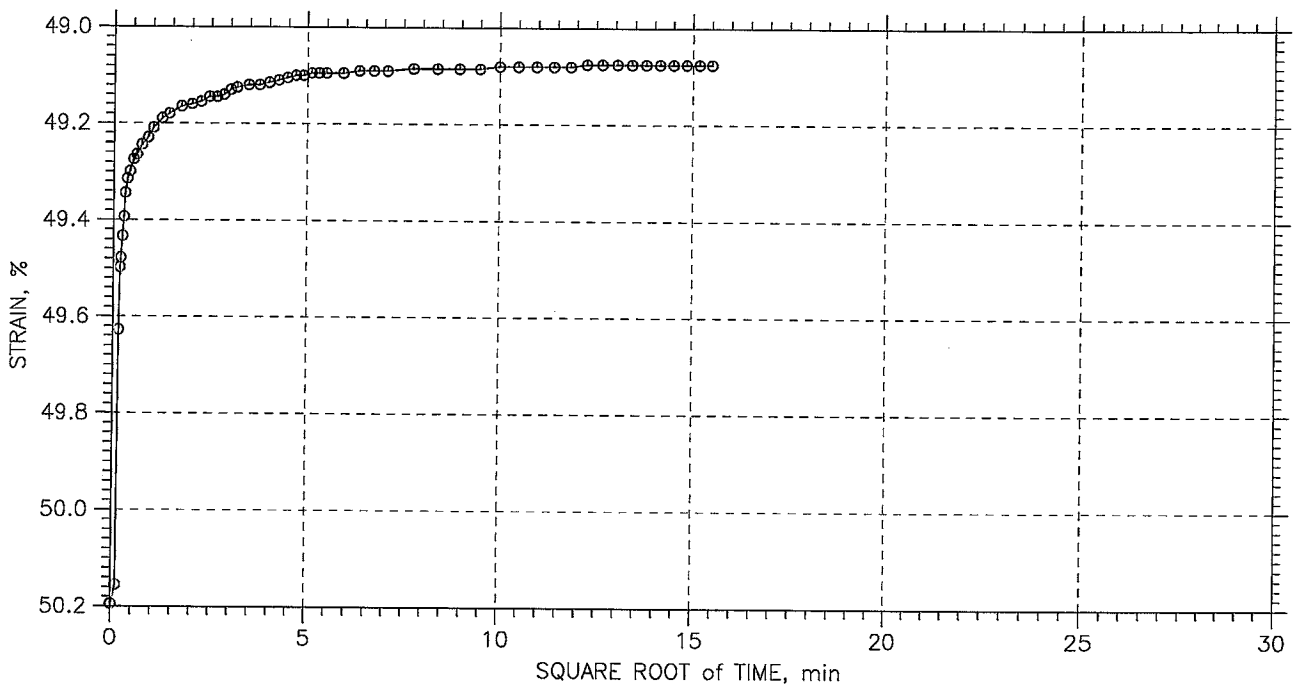
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

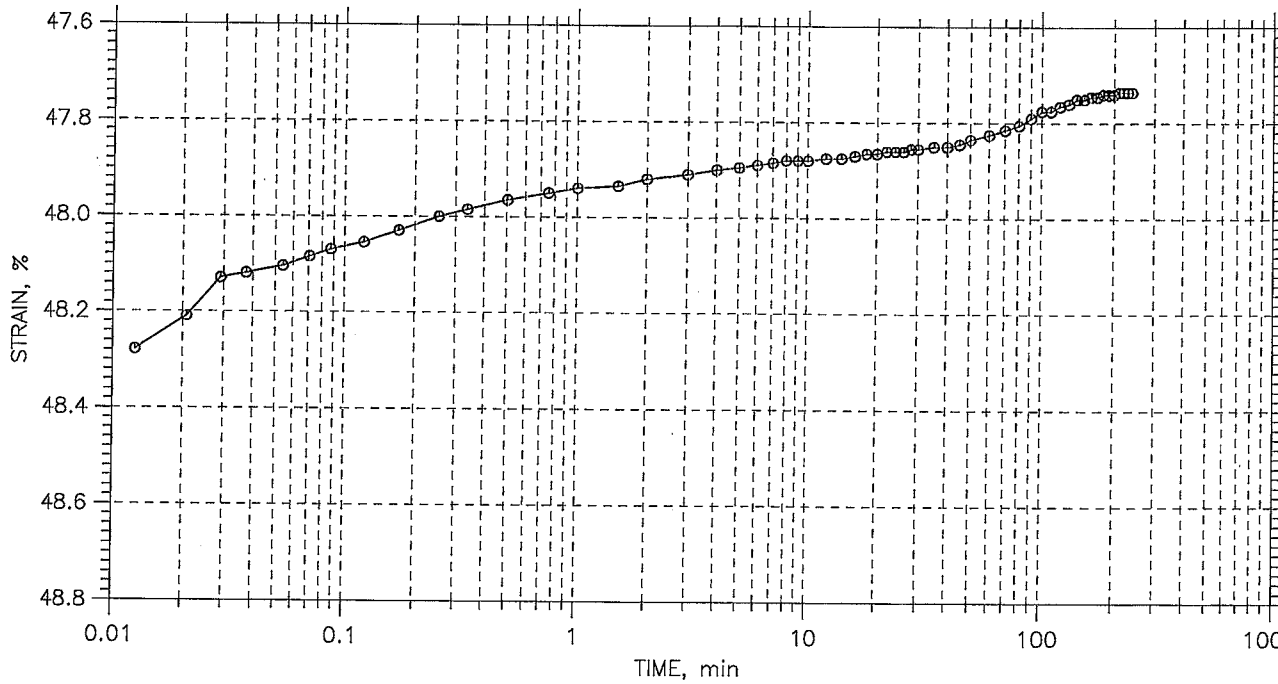
Mon, 09-APR-2007 12:39:23

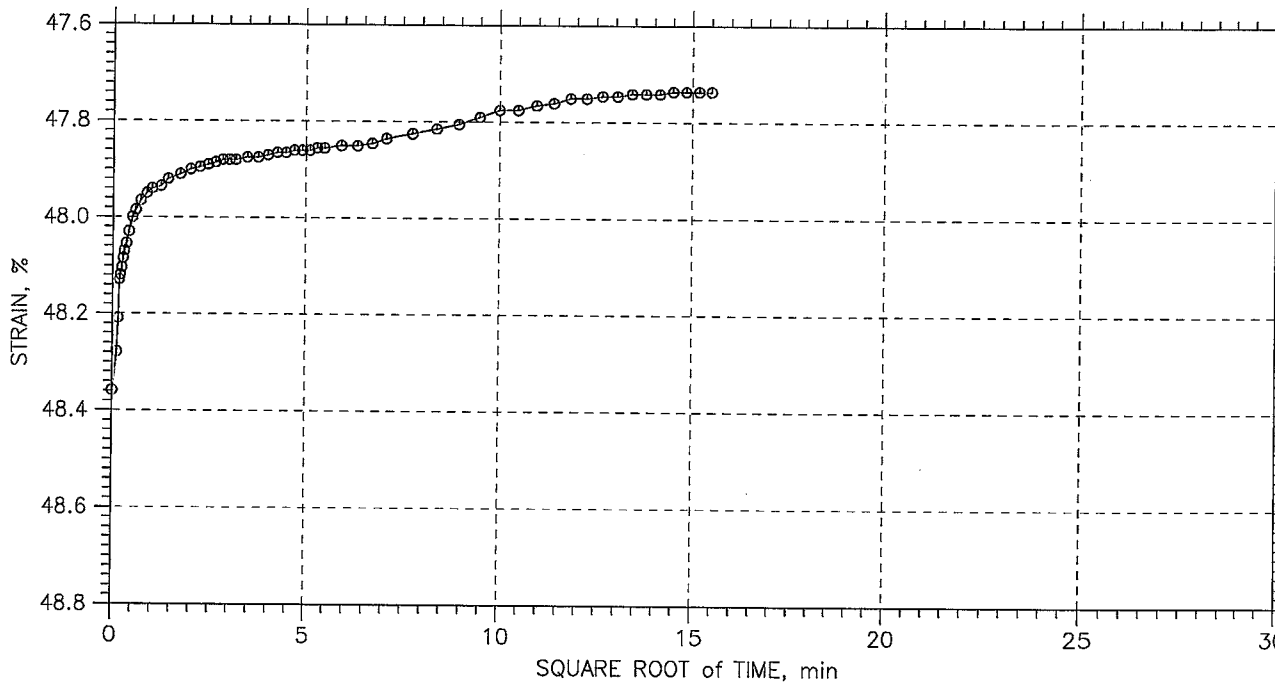
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

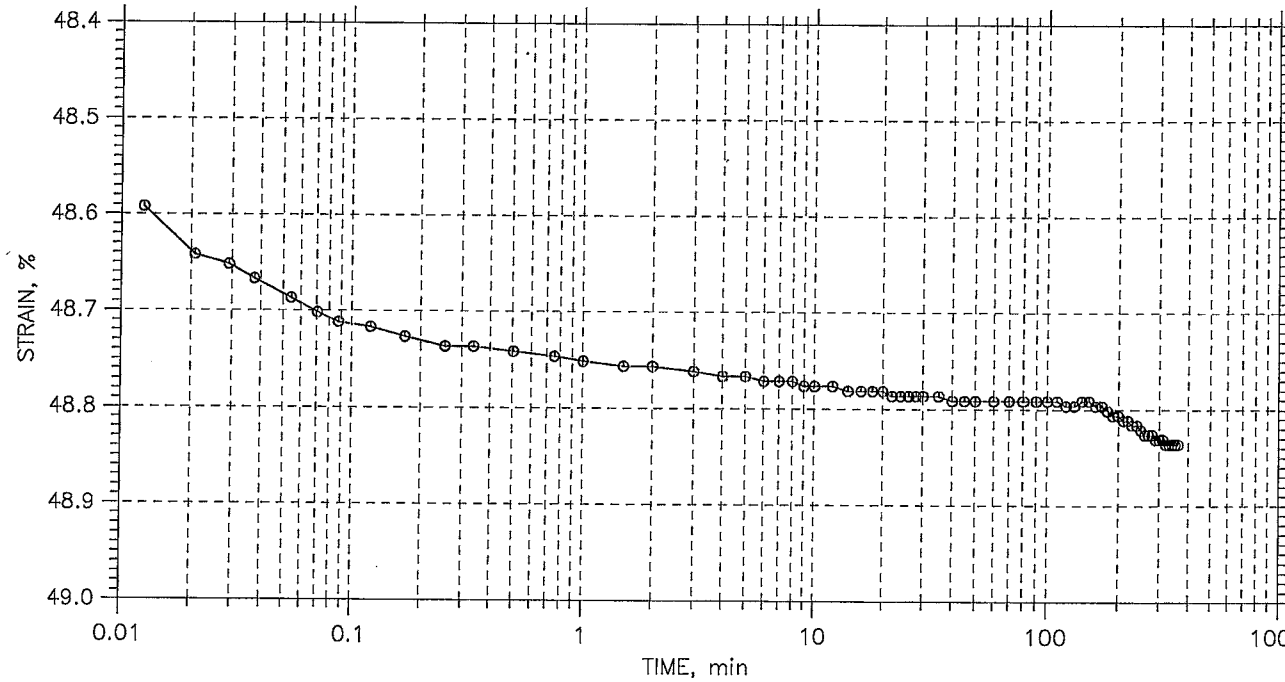
Mon, 09-APR-2007 12:39:25

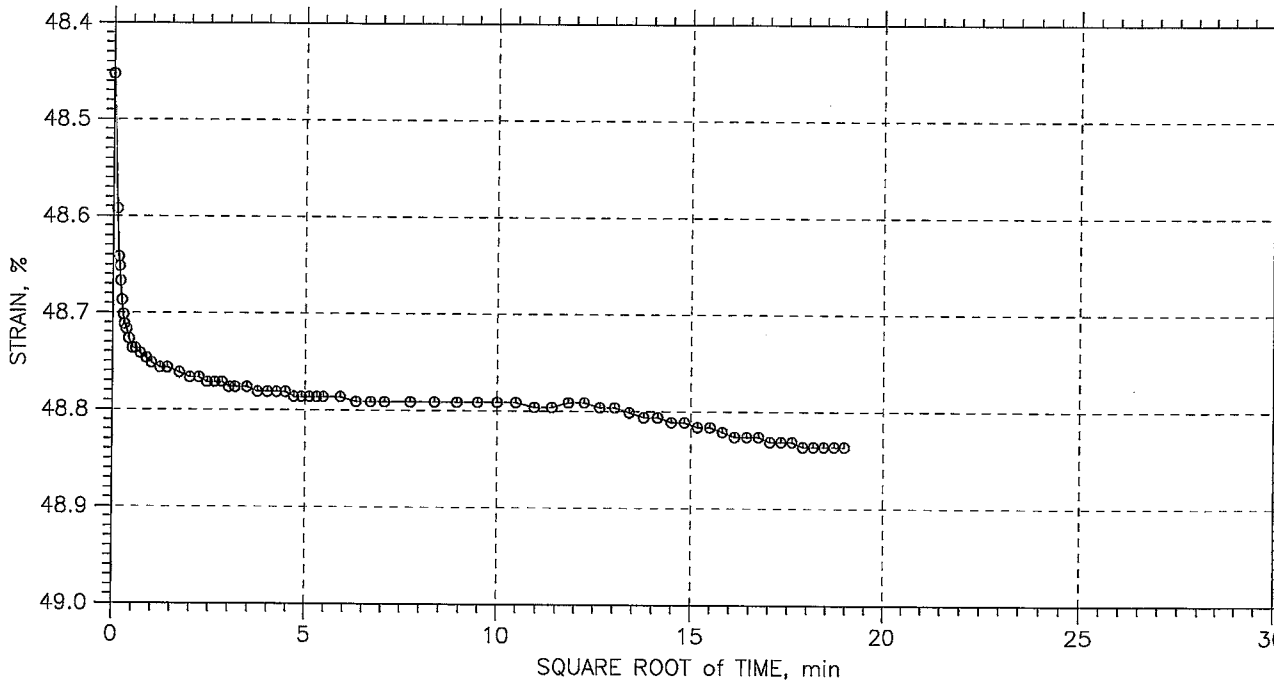
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

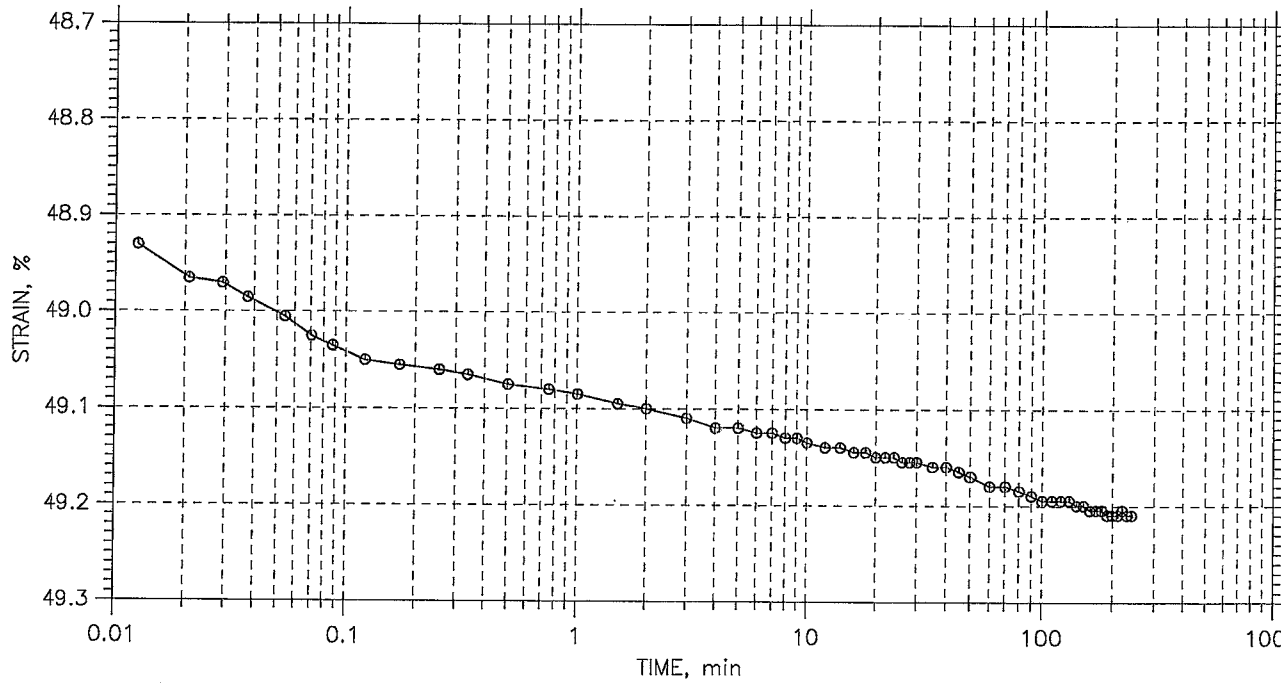
Mon, 09-APR-2007 12:39:28

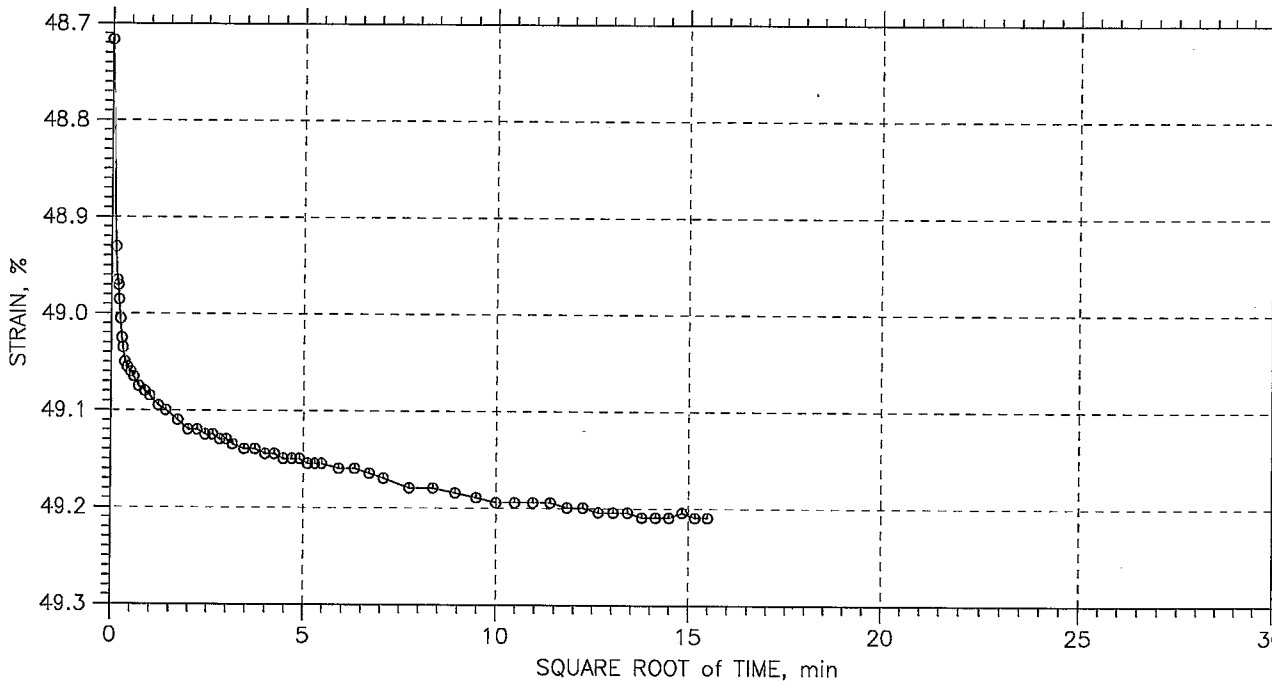
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

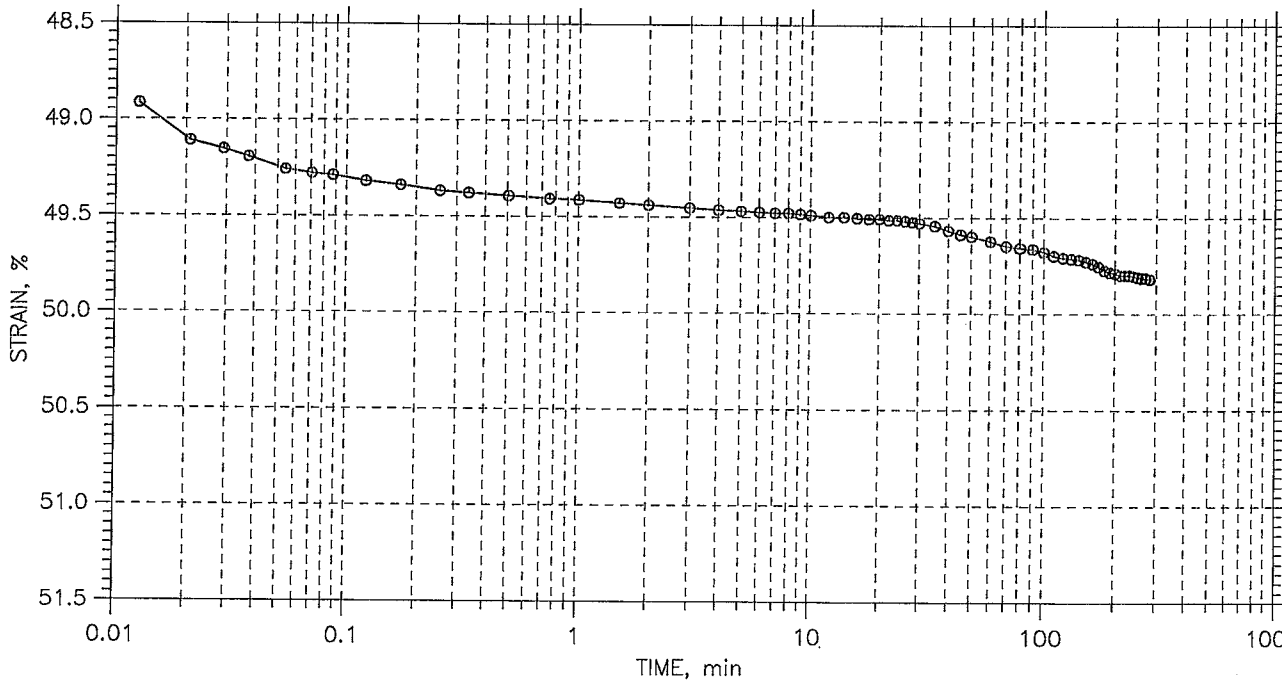
Mon, 09-APR-2007 12:39:31

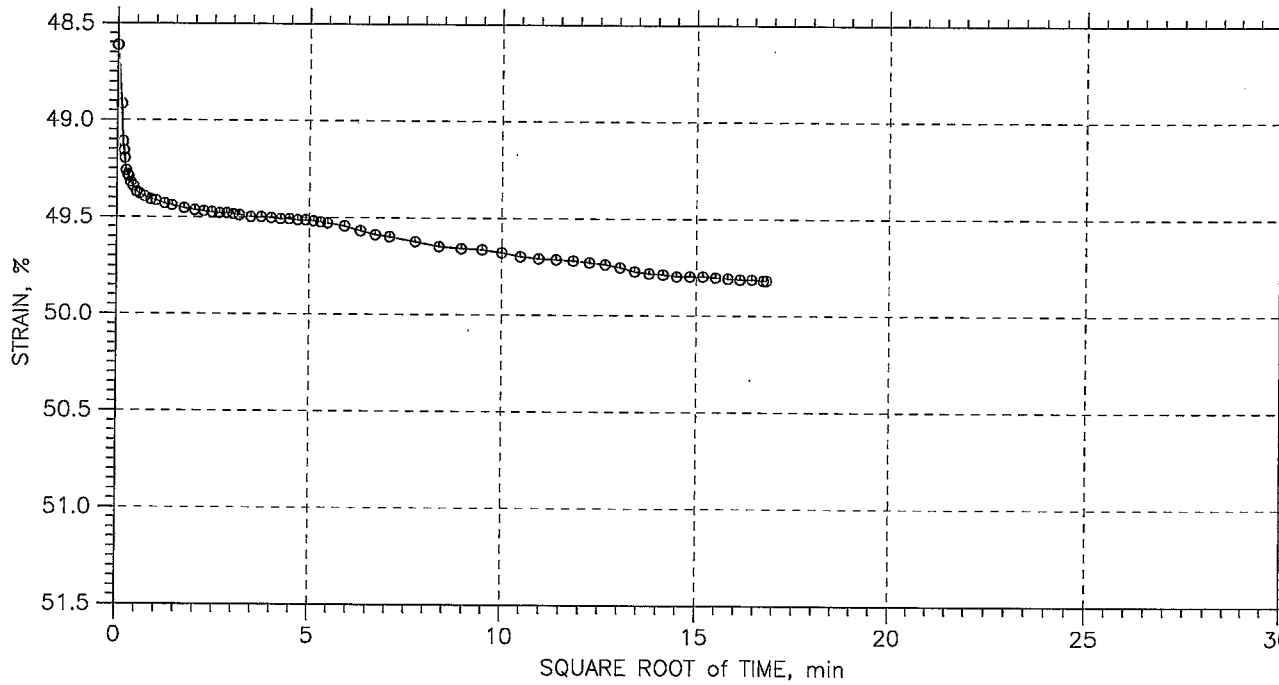
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf



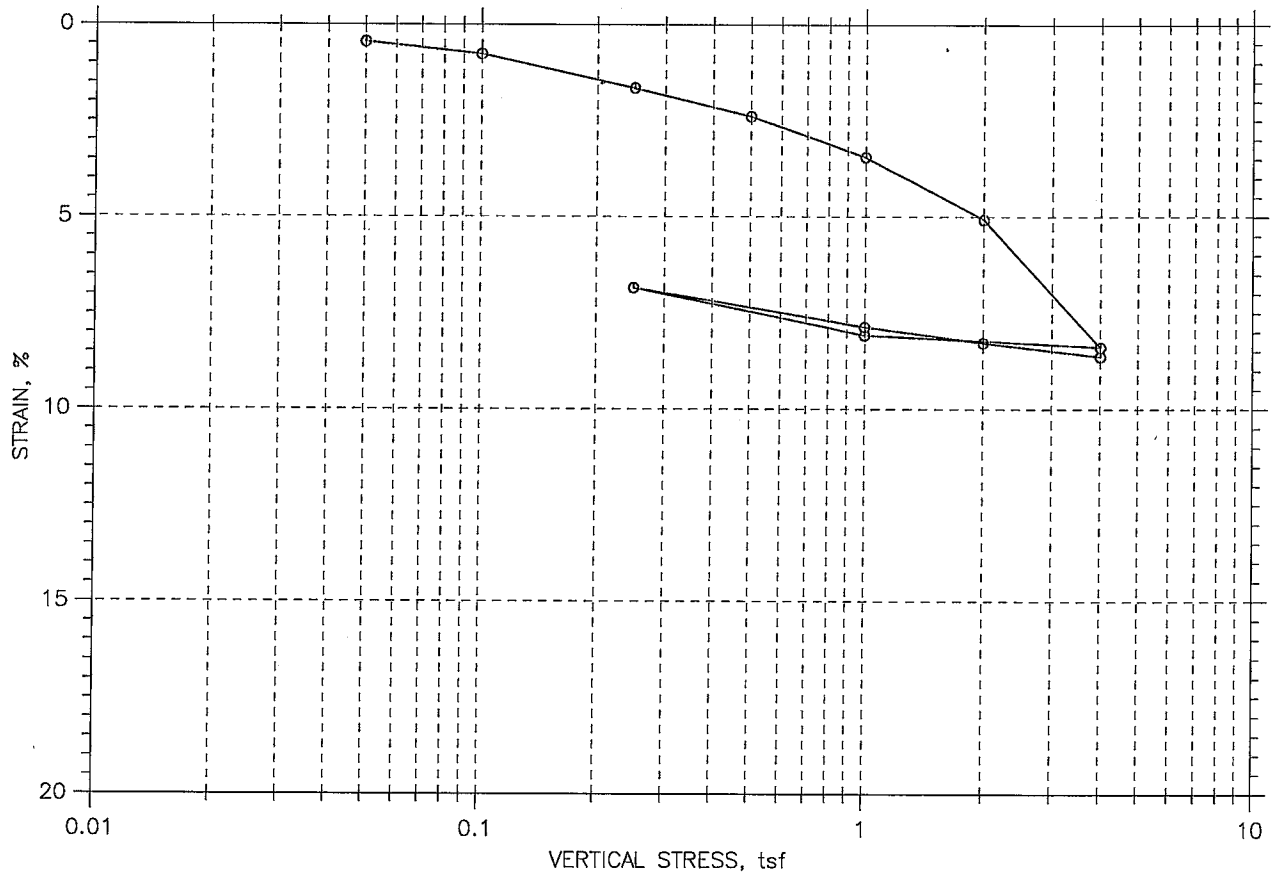


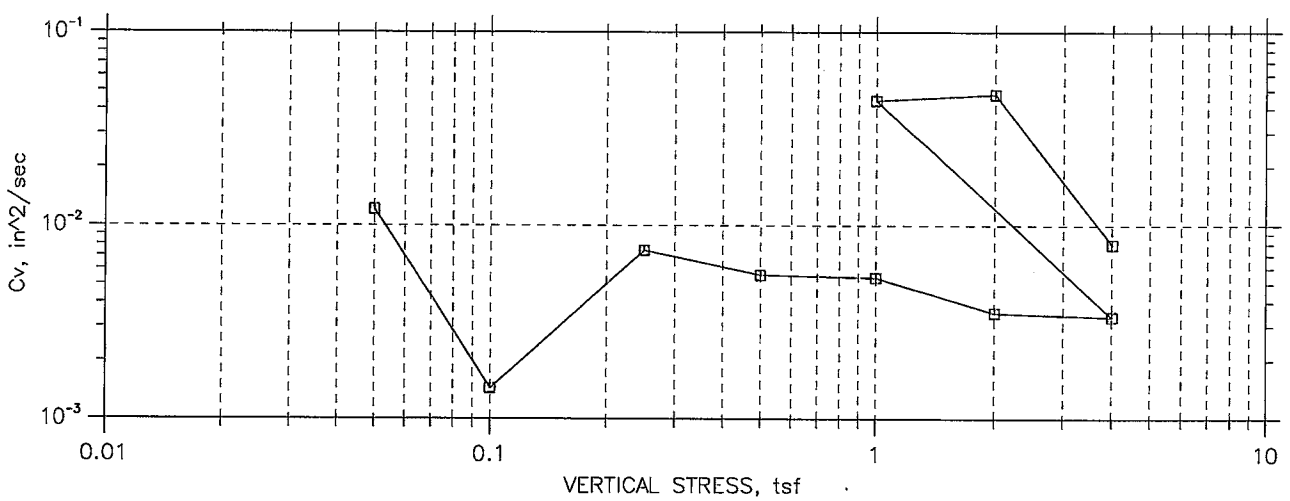
GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-12	Test Date: 03/28/07	Depth: 10-12 ft
	Test No.: C-17	Sample Type: tube	Elevation: ---
	Description: Moist, dark gray silt		
	Remarks: System R		

Mon, 09-APR-2007 12:39:33

CONSOLIDATION TEST DATA

SUMMARY REPORT



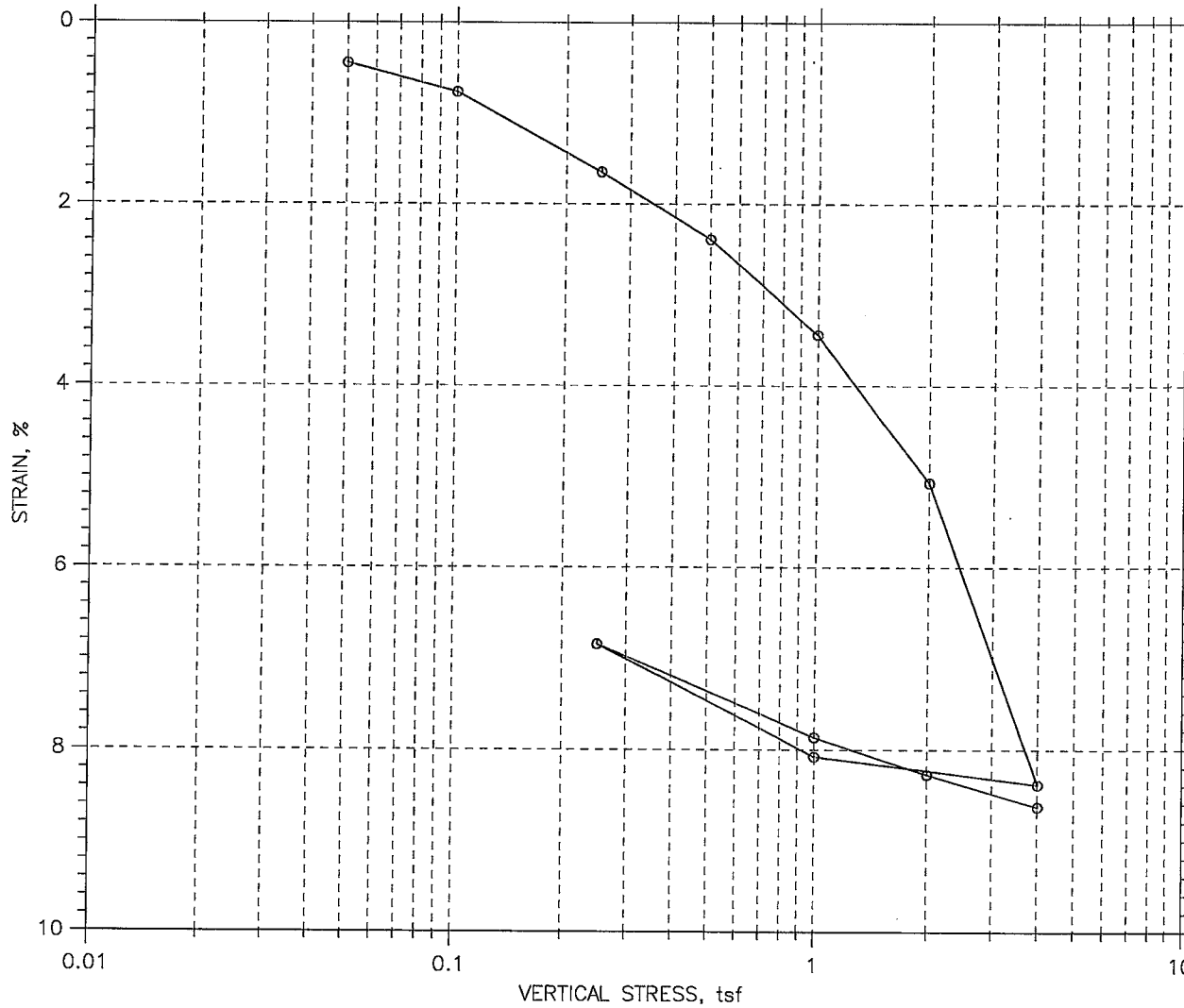


GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

Mon, 09-APR-2007 12:30:14

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	127.94	122.68
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	35.4	38.74
Compression Index: ---				Saturation, %	92.39	99.53
Diameter: 2.5 in		Height: 1 in		Void Ratio	3.66	3.25
LL: 80	PL: 68	PI: 12	GS: 2.64			

GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

Mon, 09-APR-2007 12:30:16

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-13
Sample No.: 0300-14
Test No.: C-14

Location: Syracuse, NY
Tested By: md
Test Date: 03/23/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 20-22 ft
Elevation: ---

Soil Description: Moist, gray silty sand
Remarks: System R

Measured Specific Gravity: 2.64
Initial Void Ratio: 3.66
Final Void Ratio: 3.25

Liquid Limit: 80
Plastic Limit: 68
Plasticity Index: 12

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	2513	RING		322B
Wt. Container + Wet Soil, gm	199.24	320.39	317.99	107.03
Wt. Container + Dry Soil, gm	93.94	262.03	262.03	52.62
Wt. Container, gm	8.14	216.42	216.42	8.27
Wt. Dry Soil, gm	85.8	45.612	45.612	44.35
Water Content, %	122.73	127.94	122.68	122.68
Void Ratio	---	3.66	3.25	---
Degree of Saturation, %	---	92.39	99.53	---
Dry Unit Weight, pcf	---	35.399	38.74	---

CONSOLIDATION TEST DATA

Project: Onondaga
Boring No.: SB13-13
Sample No.: 0300-14
Test No.: C-14

Location: Syracuse, NY
Tested By: md
Test Date: 03/23/07
Sample Type: tube

Project No.: GTX-7143
Checked By: jdt
Depth: 20-22 ft
Elevation: ---

Soil Description: Moist, gray silty sand
Remarks: System R

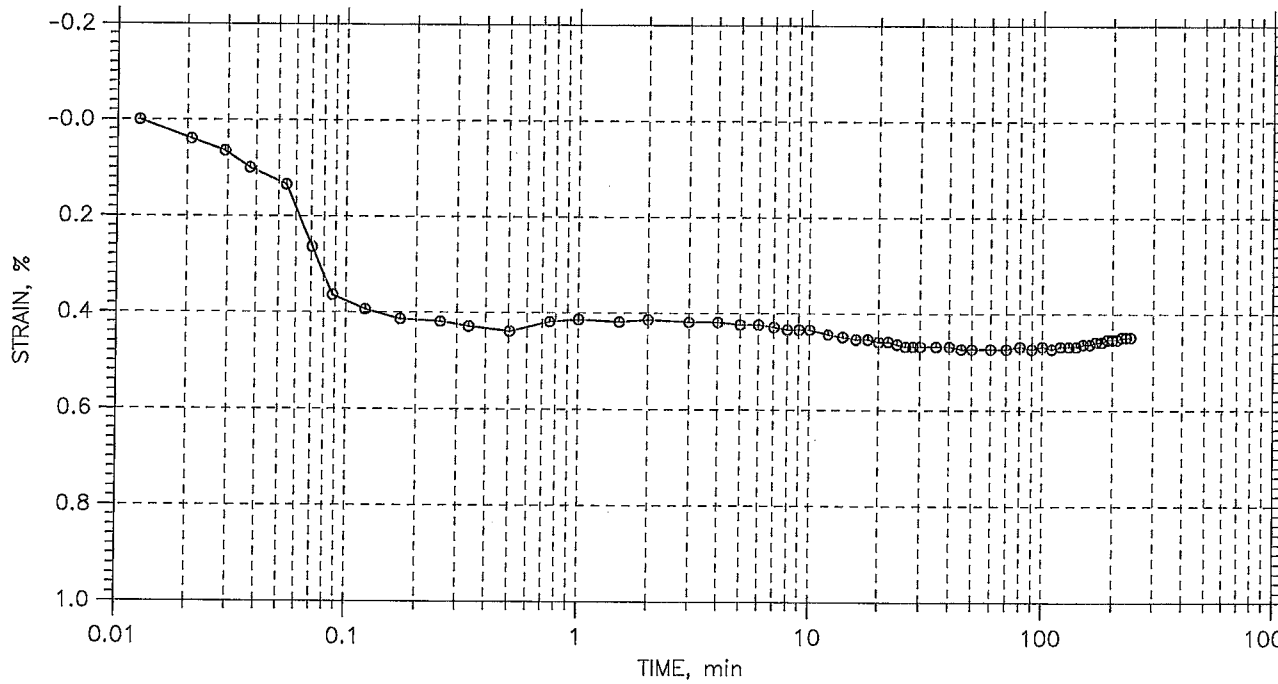
	Applied Stress tsf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	0.05	0.004478	3.635	0.45	0.1	0.0	1.21e-002	0.00e+000	1.21e-002
2	0.1	0.007665	3.620	0.77	1.0	0.1	8.10e-004	6.54e-003	1.44e-003
3	0.25	0.01648	3.579	1.65	0.2	0.1	5.14e-003	1.35e-002	7.44e-003
4	0.5	0.02389	3.545	2.39	0.2	0.0	3.32e-003	1.70e-002	5.55e-003
5	1	0.03439	3.496	3.44	0.2	0.1	3.36e-003	1.34e-002	5.38e-003
6	2	0.05067	3.420	5.07	0.4	0.0	2.00e-003	1.53e-002	3.53e-003
7	4	0.08382	3.266	8.38	0.4	0.1	2.01e-003	1.05e-002	3.37e-003
8	1	0.08079	3.280	8.08	0.0	0.0	4.24e-002	0.00e+000	4.24e-002
9	0.25	0.06844	3.337	6.84	0.0	0.0	1.68e-002	0.00e+000	1.68e-002
10	1	0.07865	3.290	7.86	0.0	0.0	4.43e-002	0.00e+000	4.43e-002
11	2	0.08273	3.271	8.27	0.0	0.0	4.76e-002	0.00e+000	4.76e-002
12	4	0.08626	3.254	8.63	0.1	0.0	8.00e-003	0.00e+000	8.00e-003

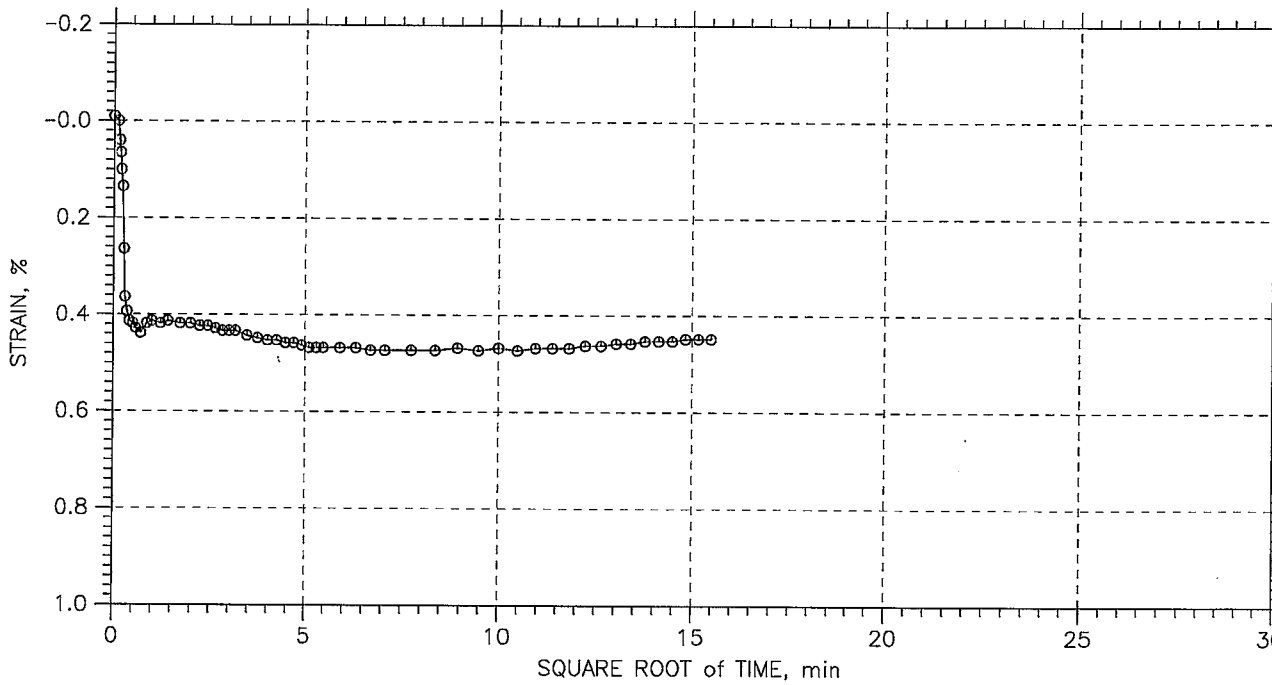
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 5.e-002 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

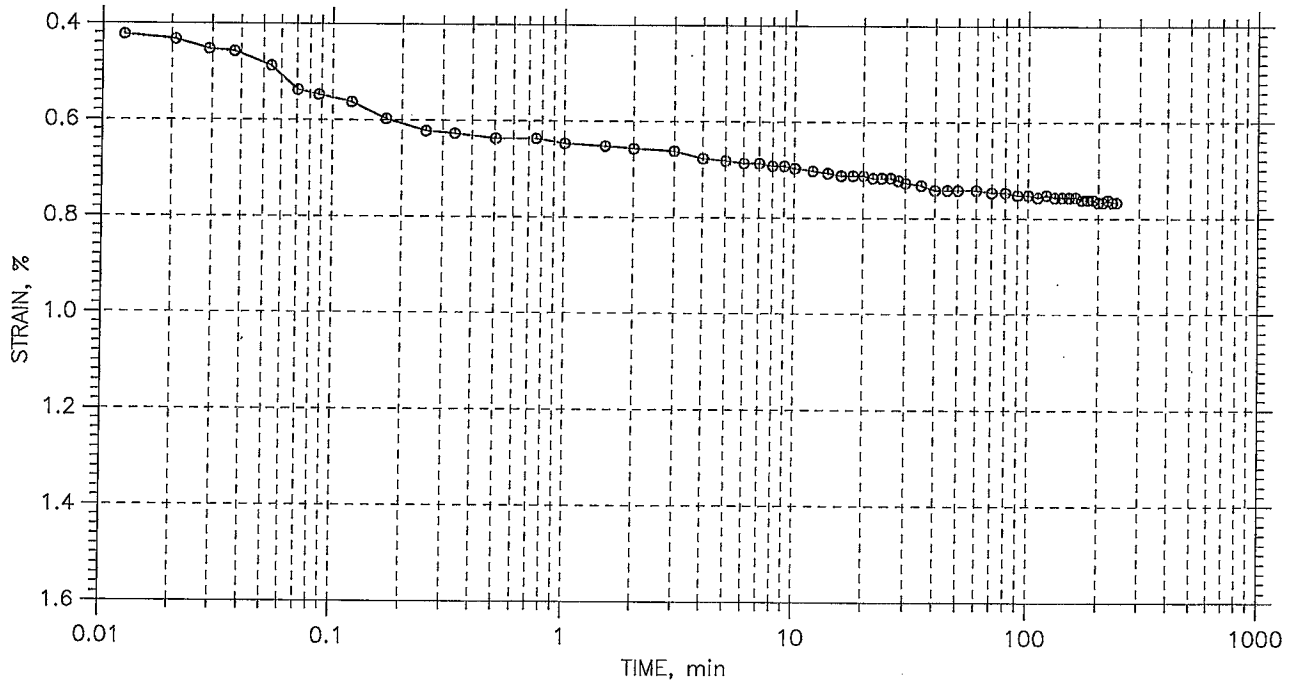
Mon, 09-APR-2007 12:31:04

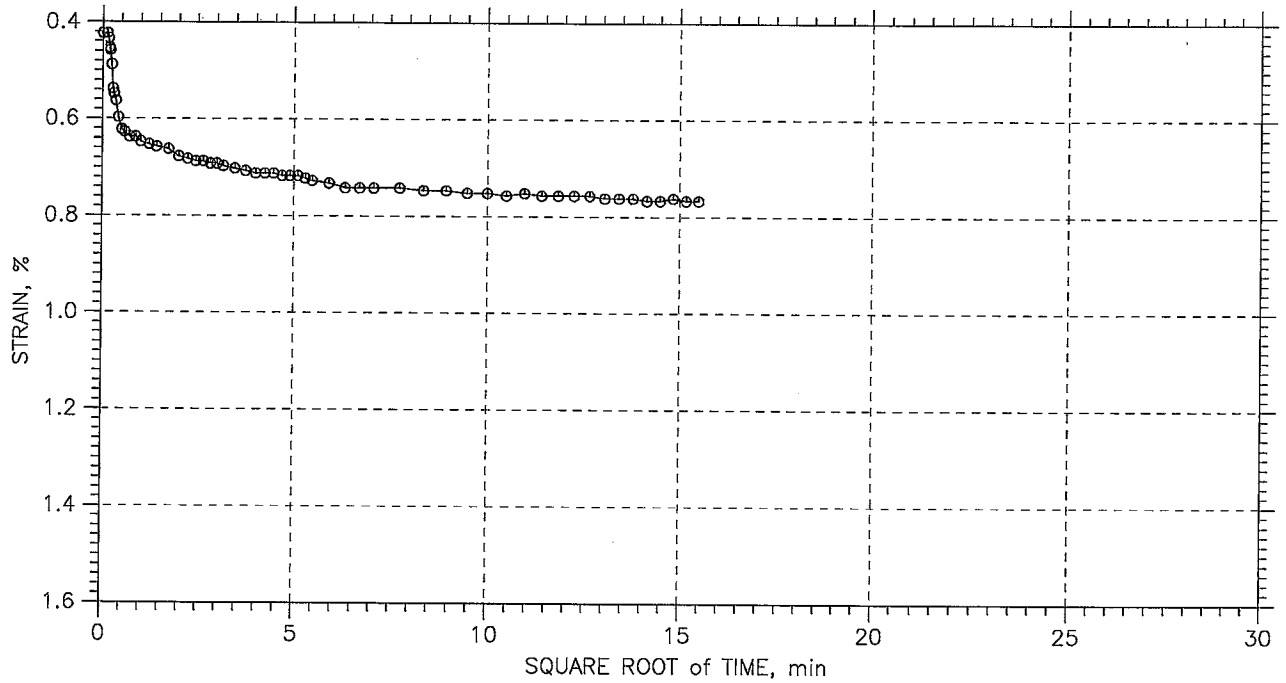
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 0.1 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

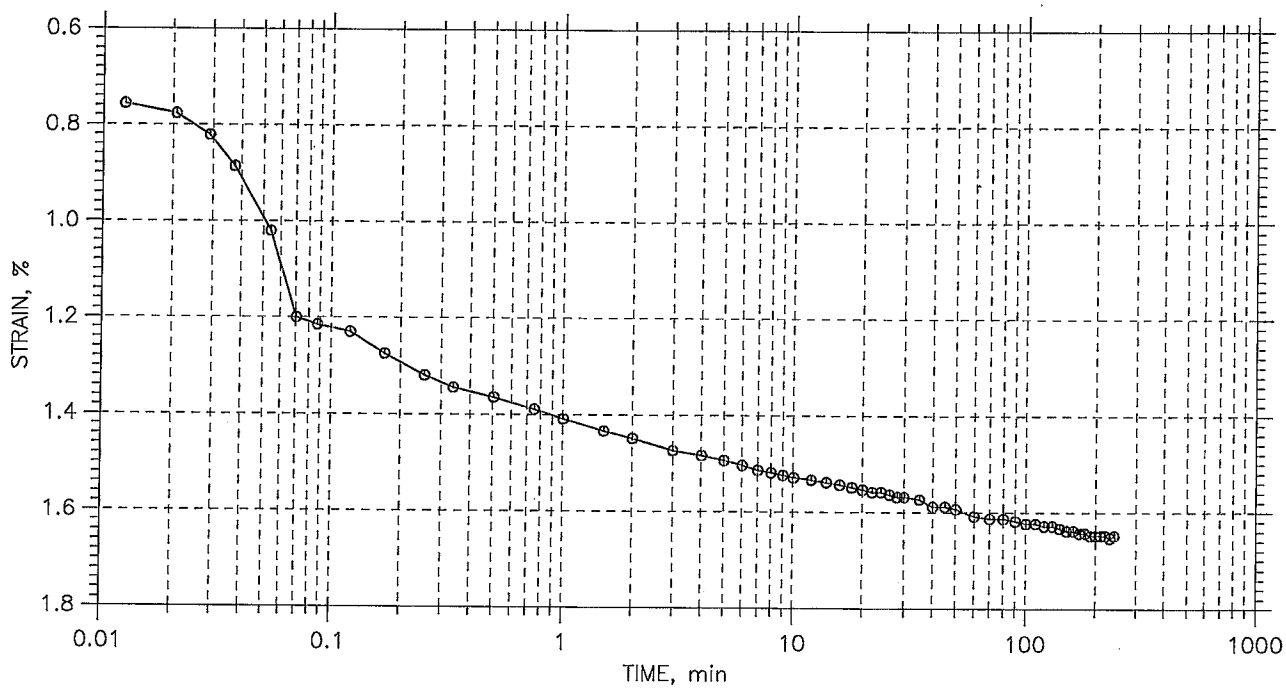
Mon, 09-APR-2007 12:31:24

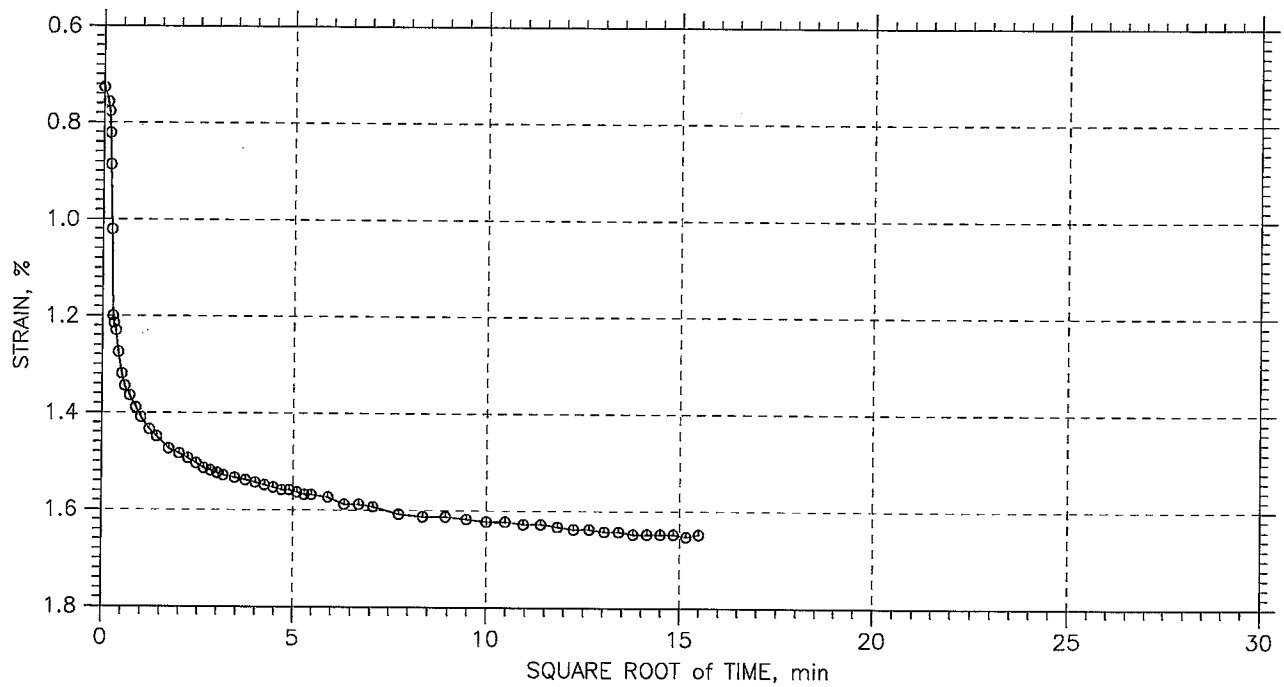
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

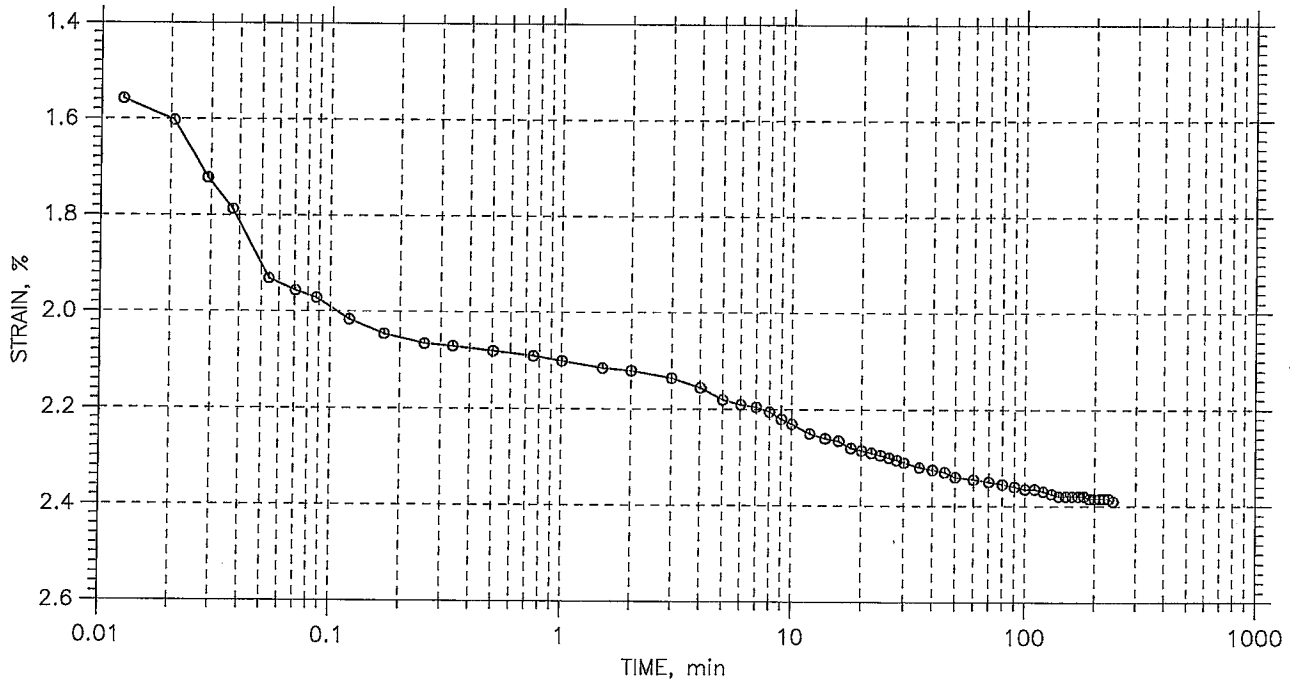
Mon, 09-APR-2007 12:30:24

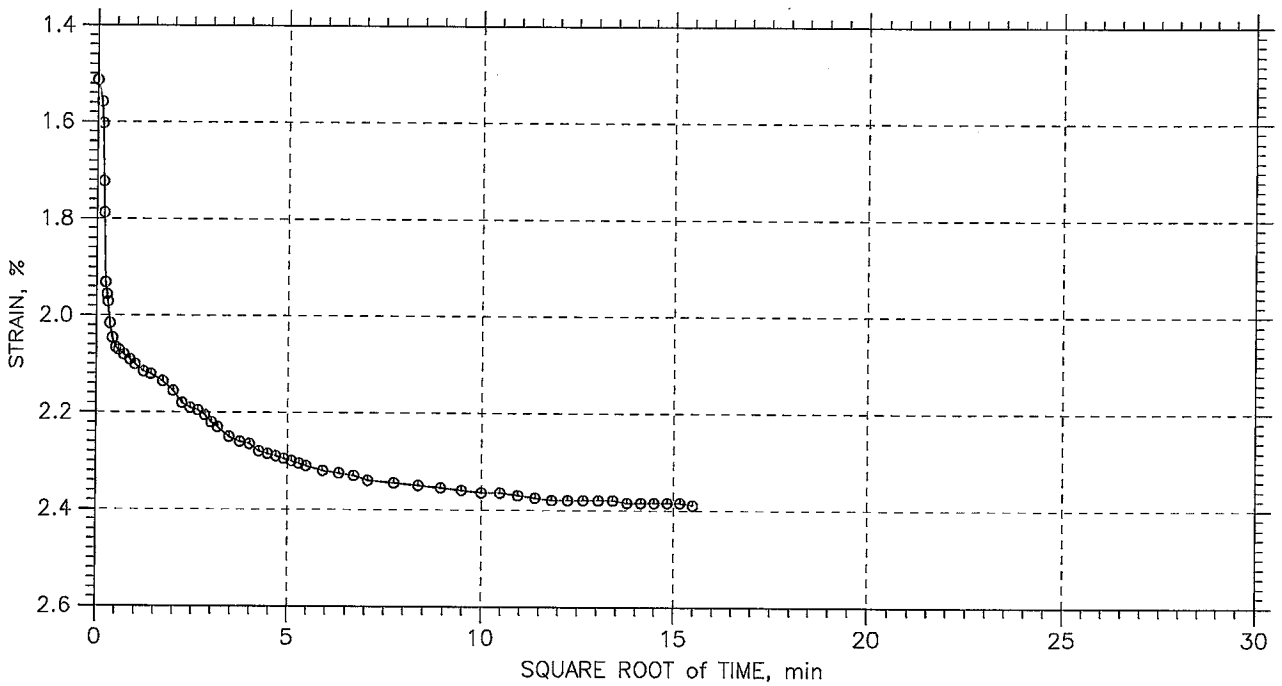
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 0.5 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

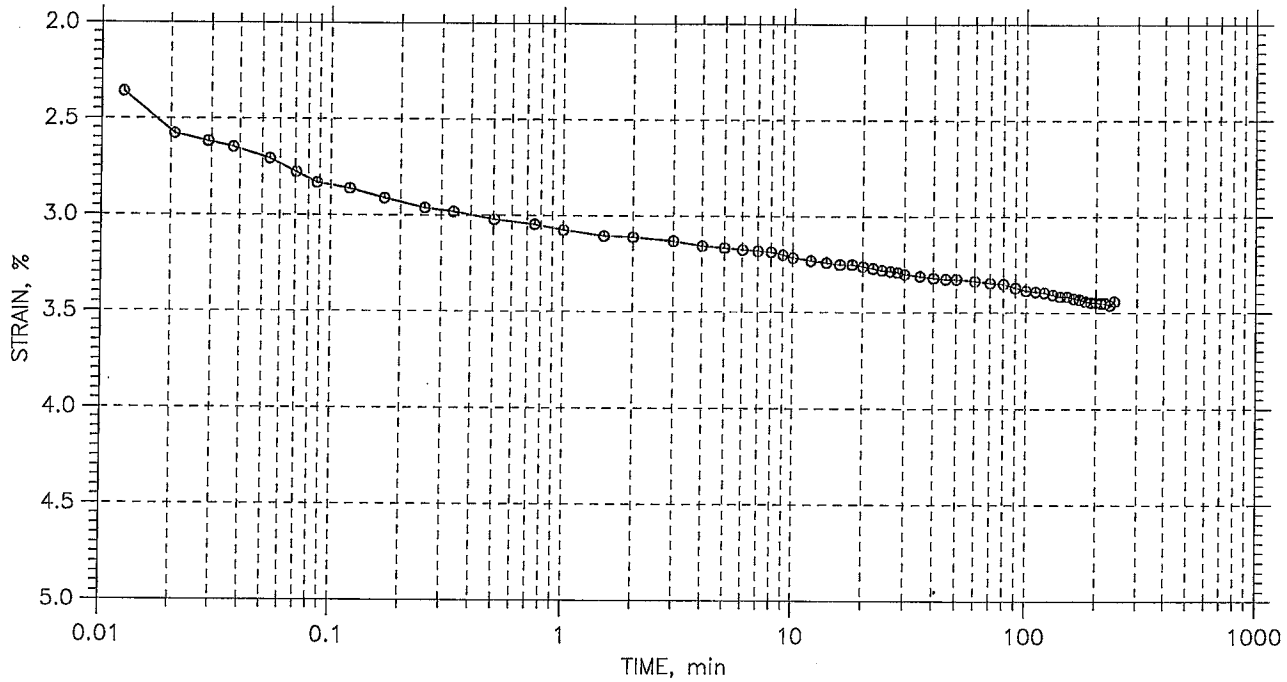
Mon, 09-APR-2007 12:30:26

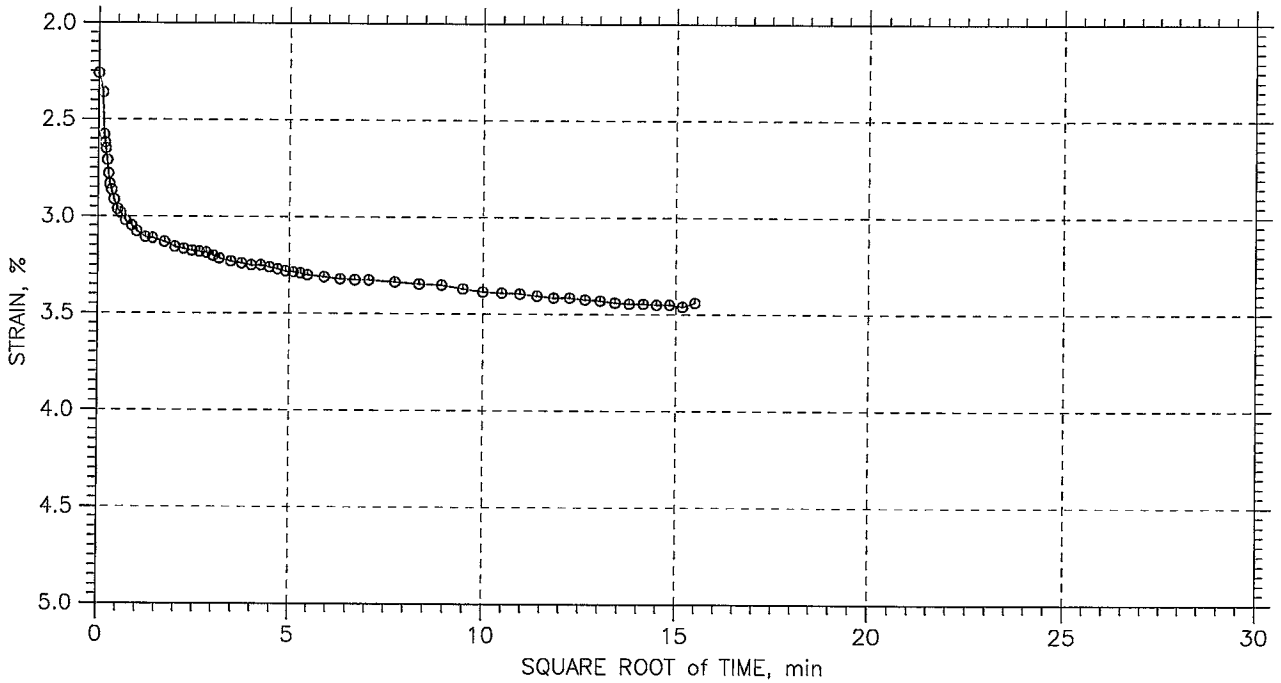
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

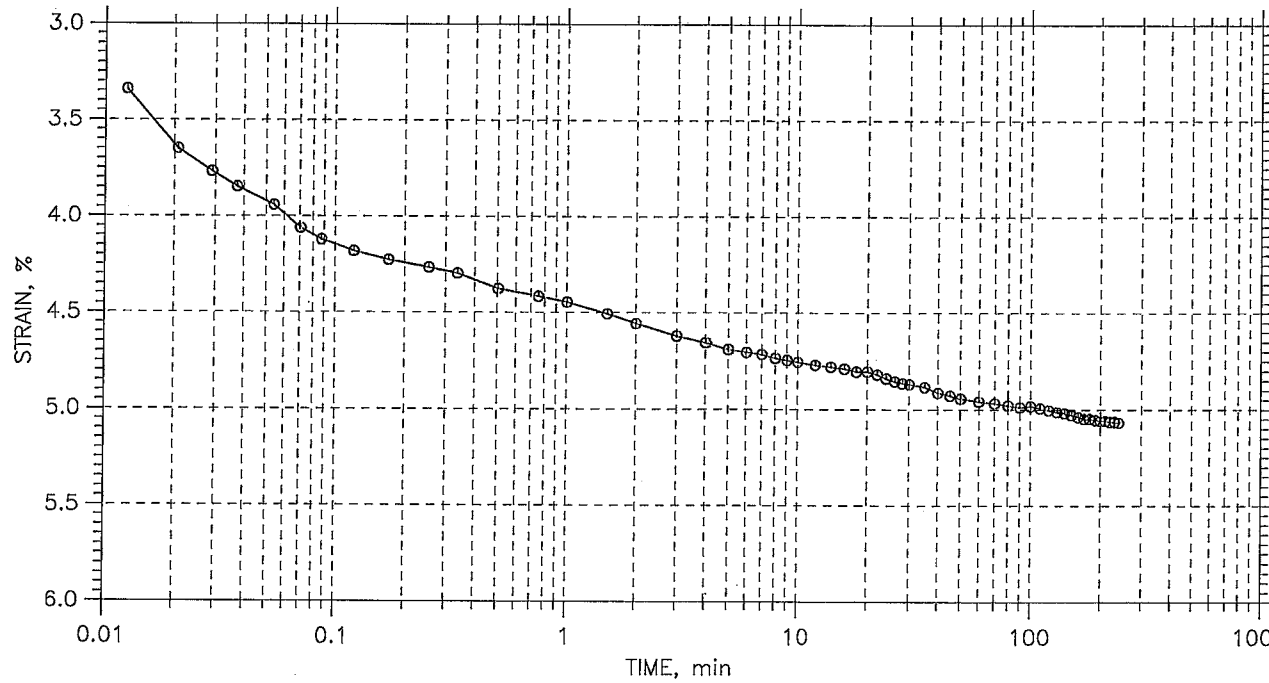
Mon, 09-APR-2007 12:30:29

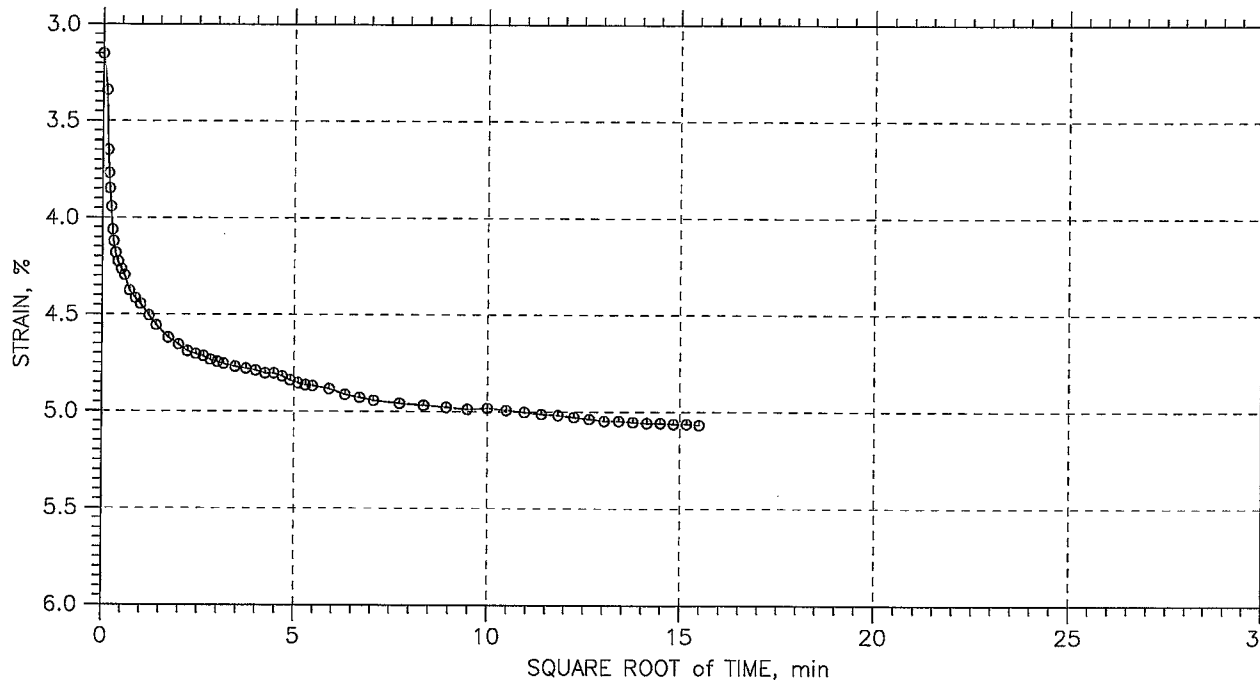
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

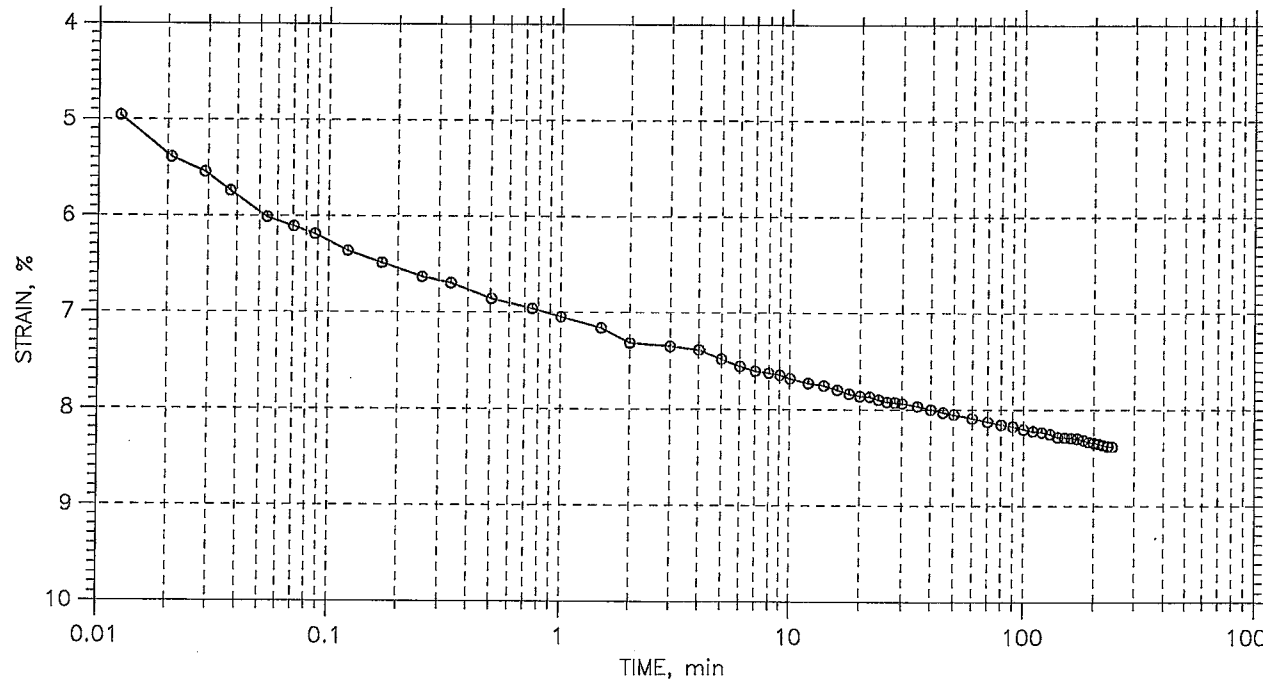
Mon, 09-APR-2007 12:30:32

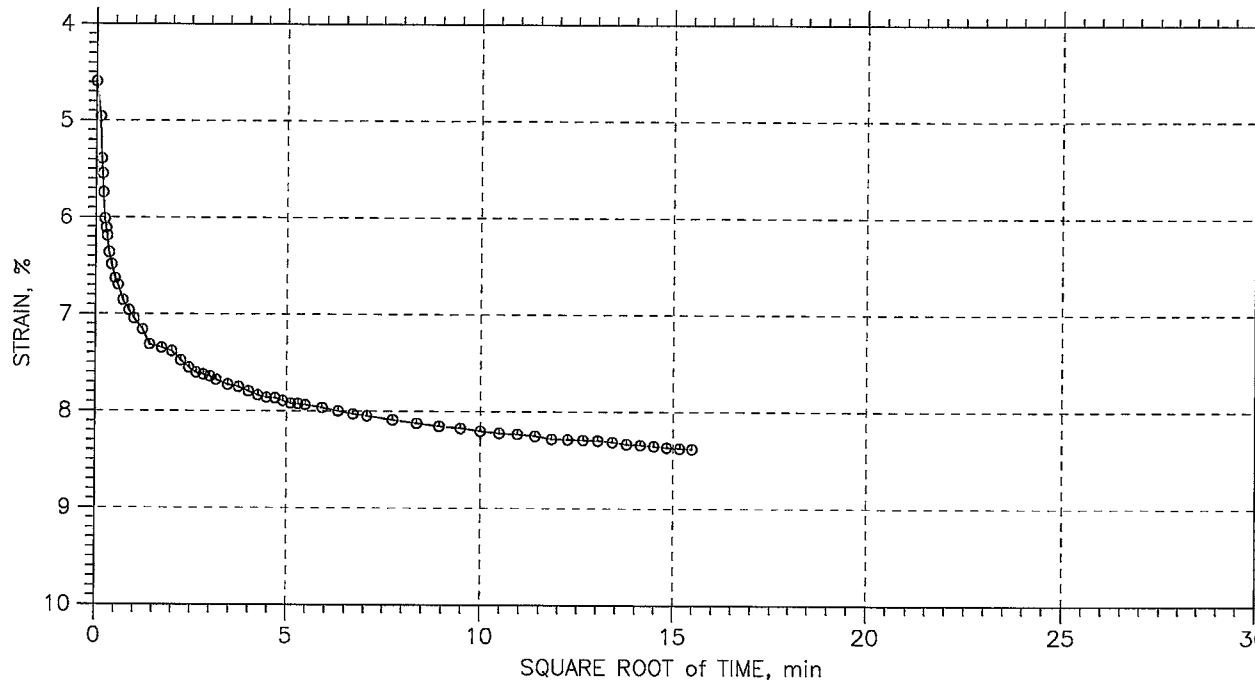
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

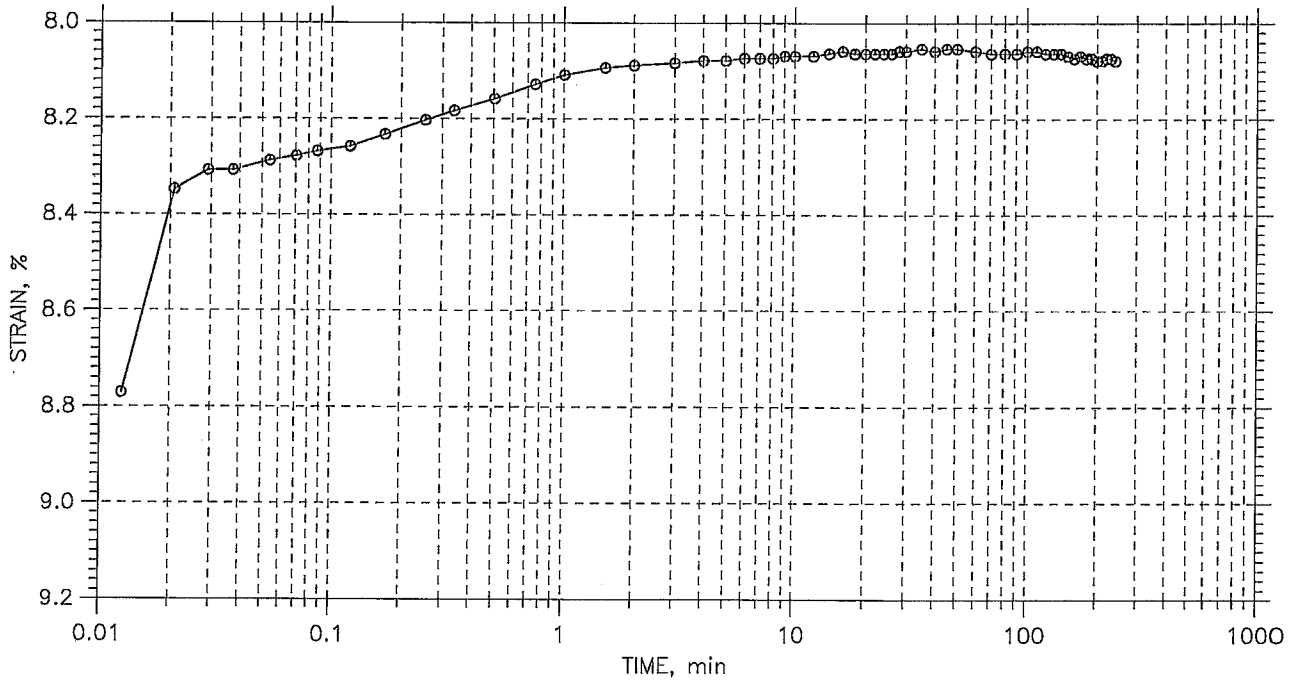
Mon, 09-APR-2007 12:30:34

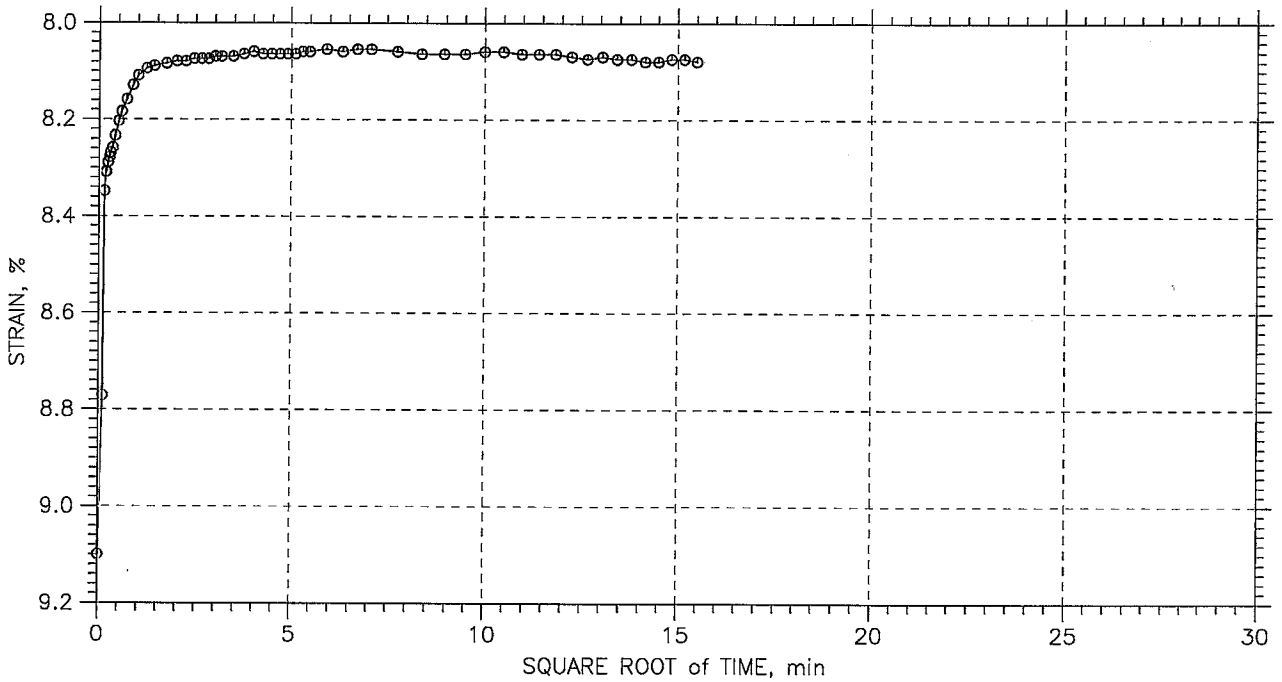
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

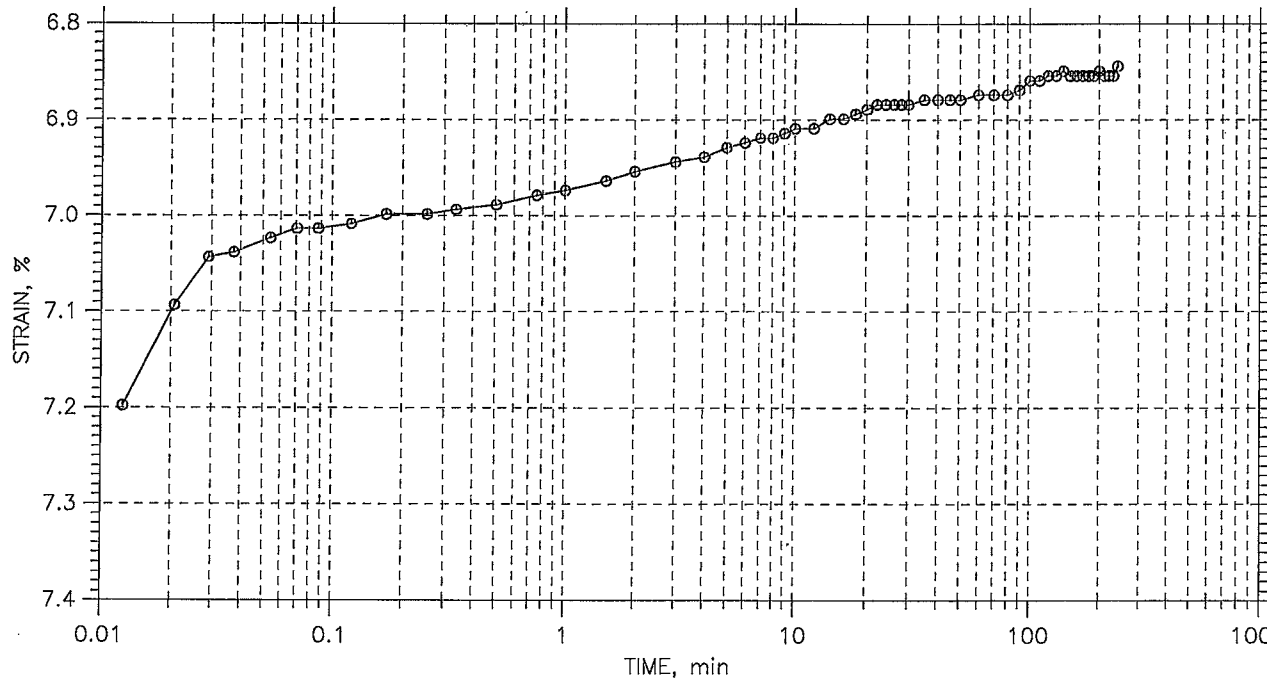
Mon, 09-APR-2007 12:30:37

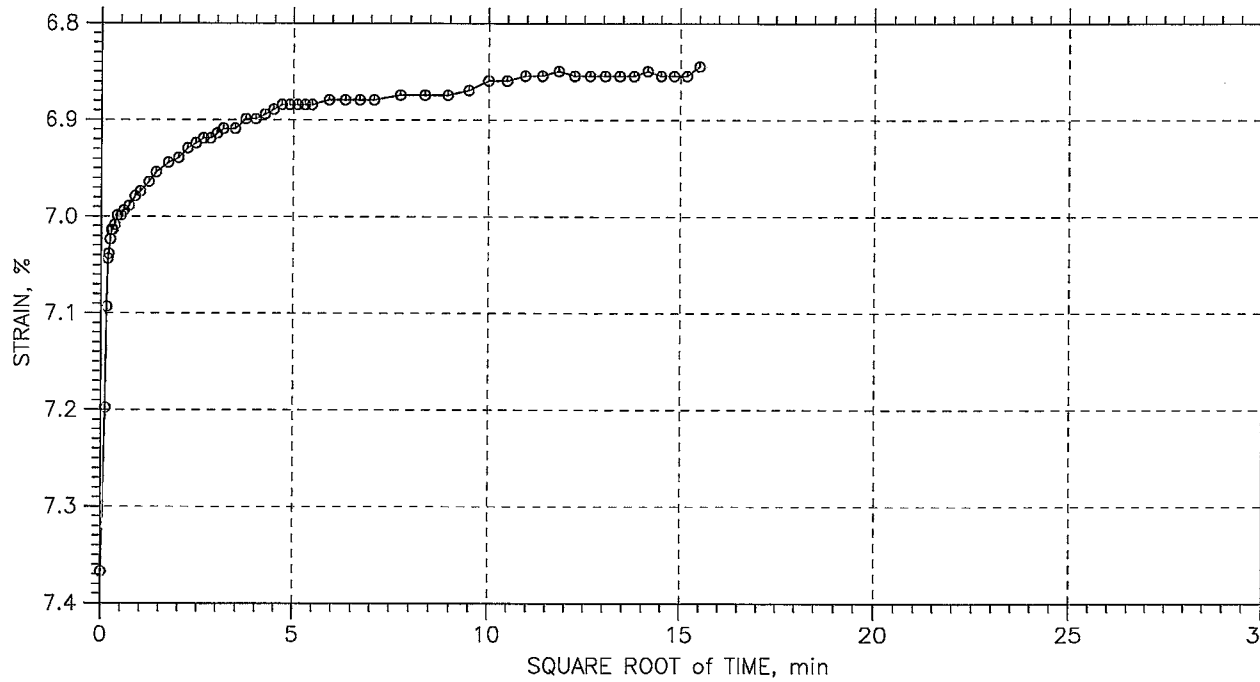
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 0.25 tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

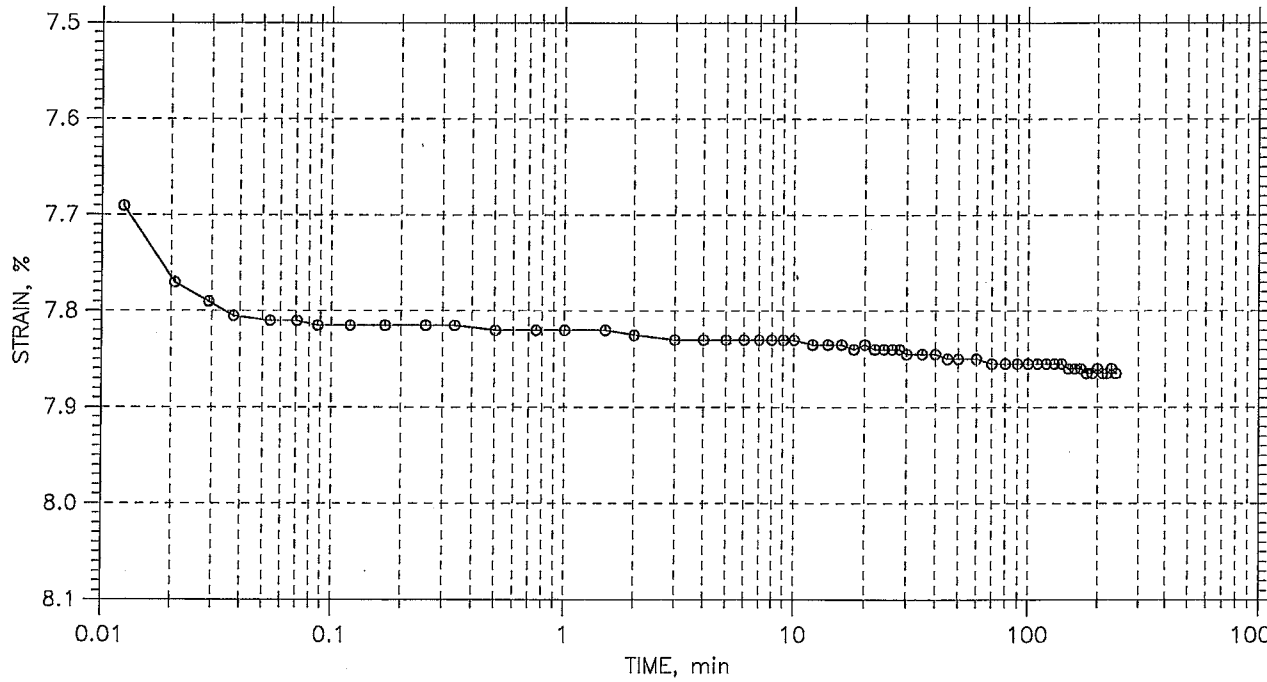
Mon, 09-APR-2007 12:30:39

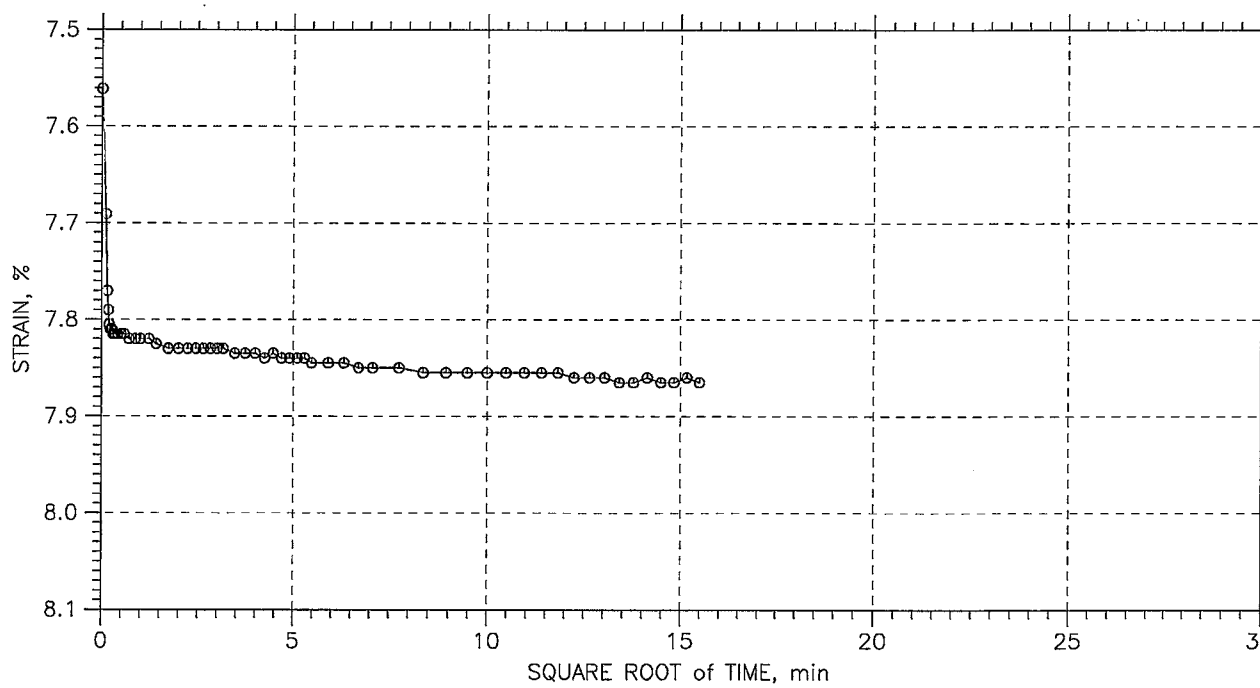
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 1. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

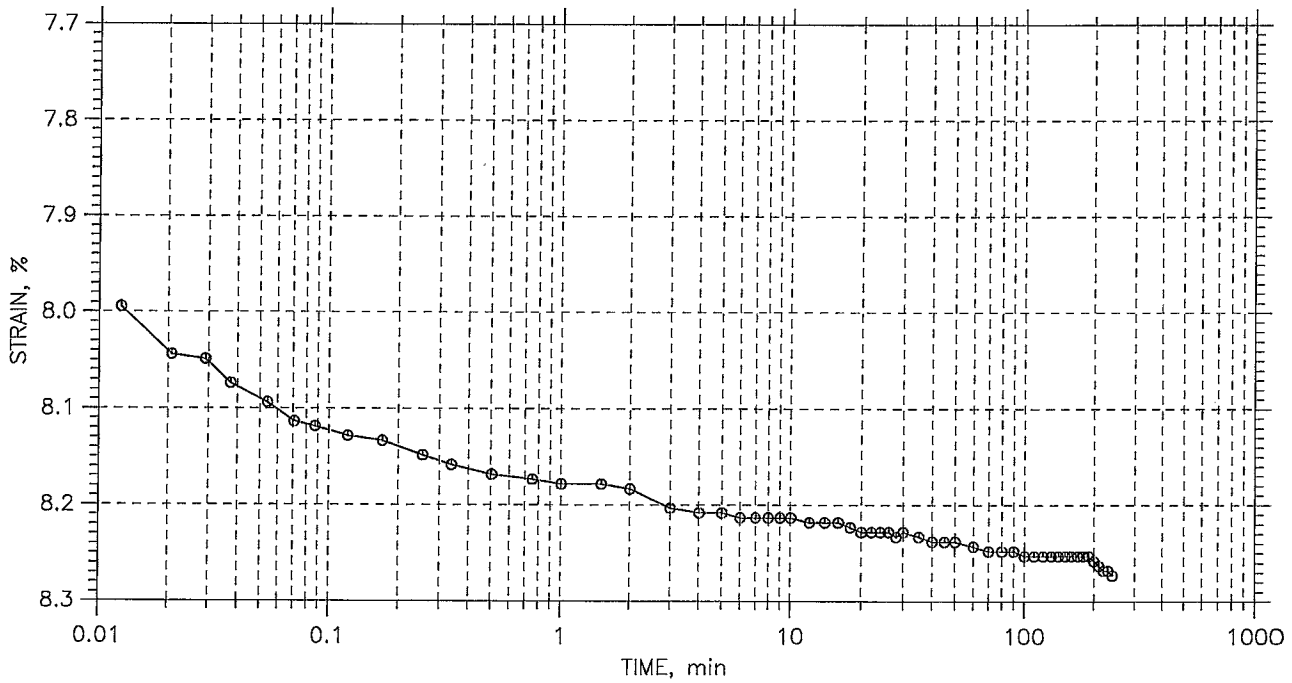
Mon, 09-APR-2007 12:30:43

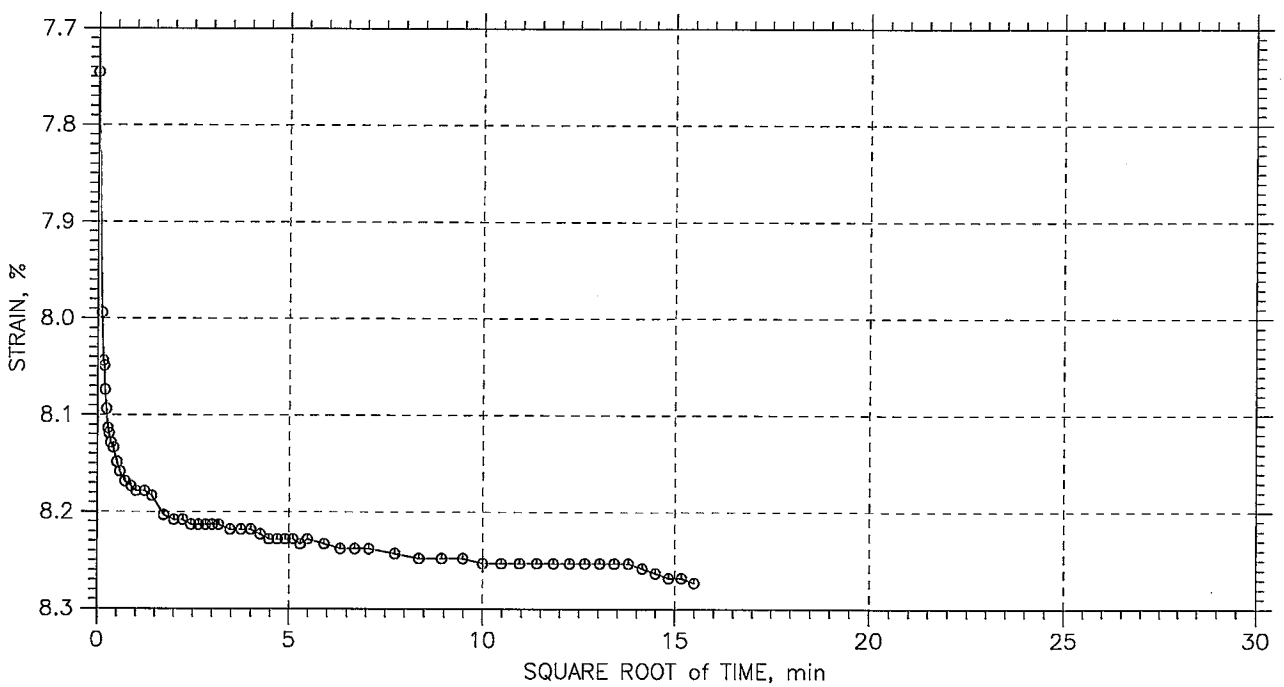
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 2. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

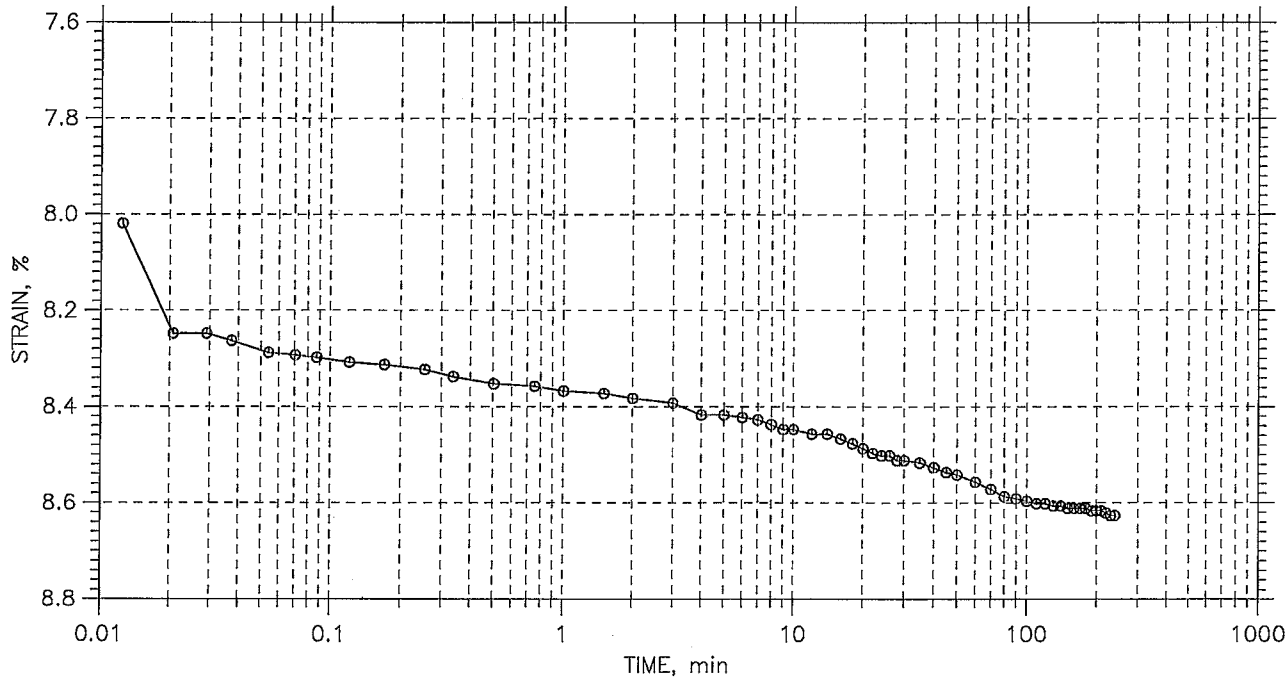
Mon, 09-APR-2007 12:30:45

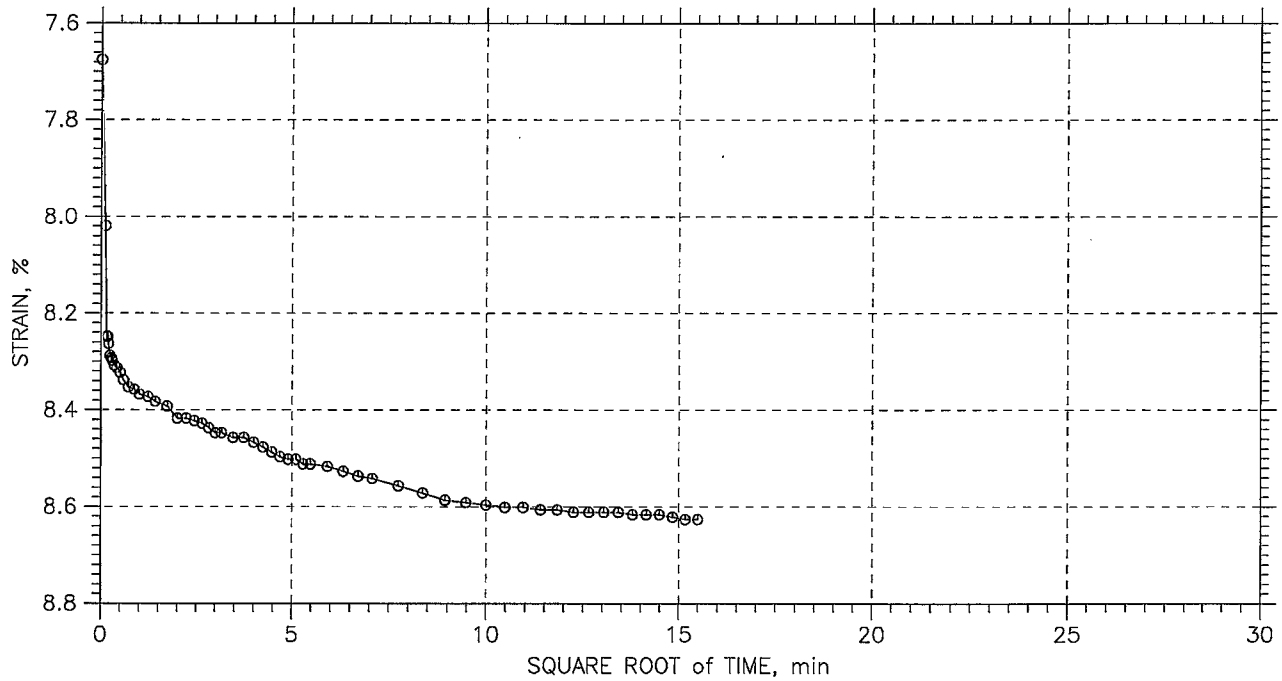
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 4. tsf





GeoTesting express a subsidiary of Geocomp Corporation	Project: Onondaga	Location: Syracuse, NY	Project No.: GTX-7143
	Boring No.: SB13-13	Tested By: md	Checked By: jdt
	Sample No.: 0300-14	Test Date: 03/23/07	Depth: 20-22 ft
	Test No.: C-14	Sample Type: tube	Elevation: ---
	Description: Moist, gray silty sand		
	Remarks: System R		

Mon, 09-APR-2007 12:30:47