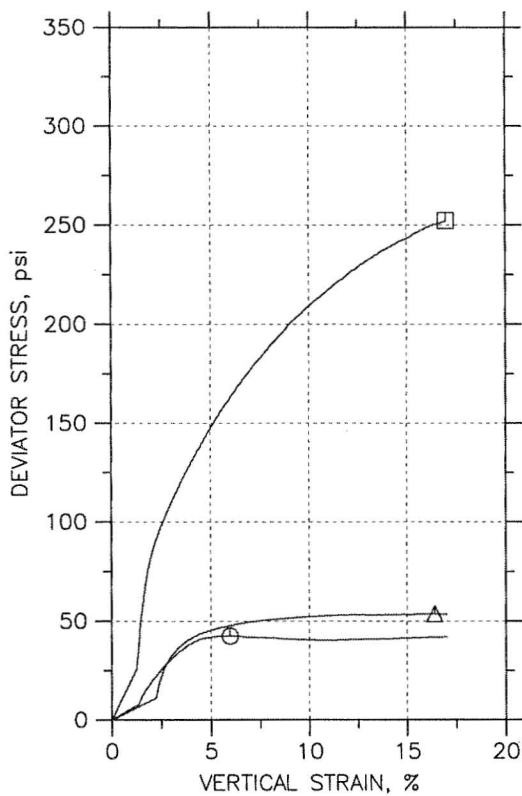
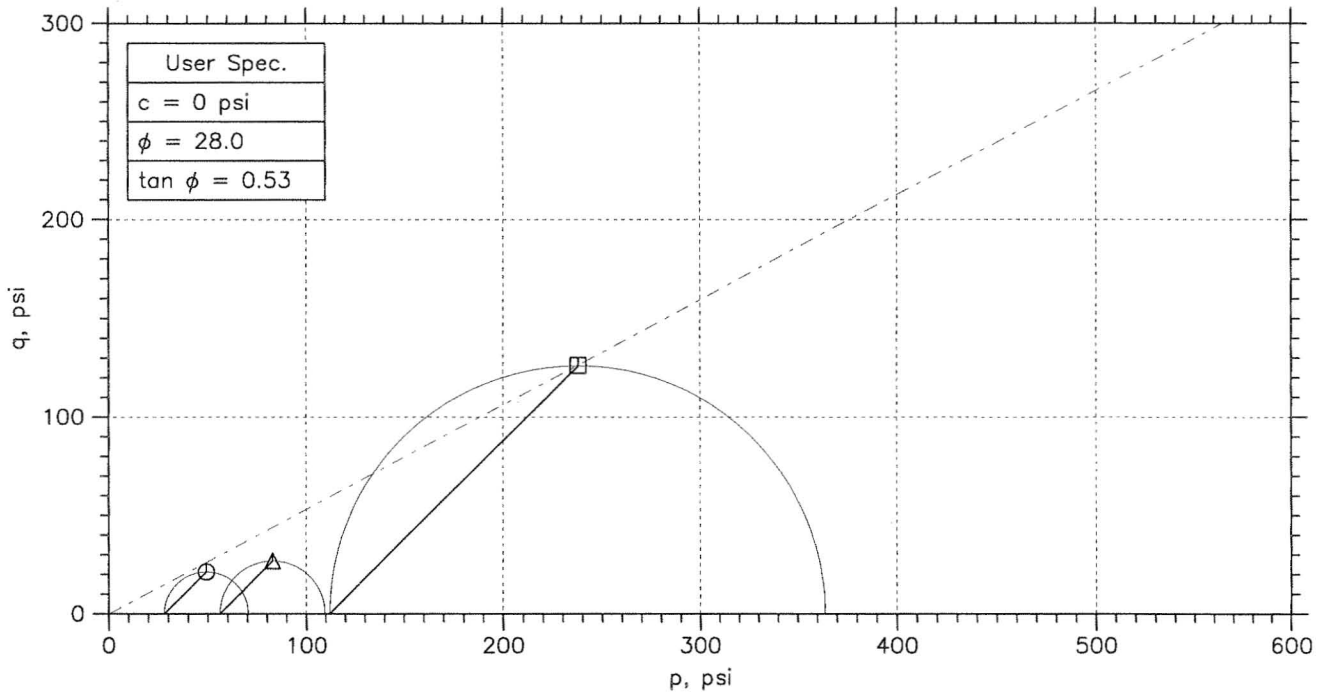


CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



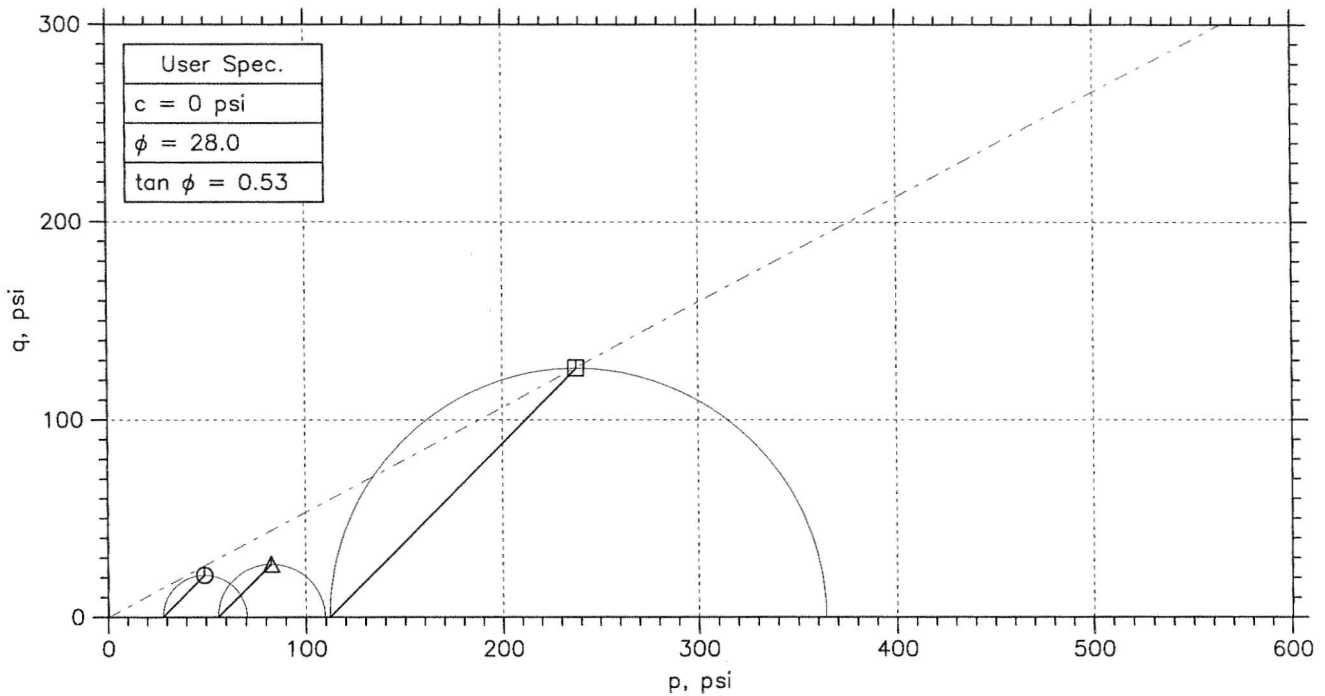
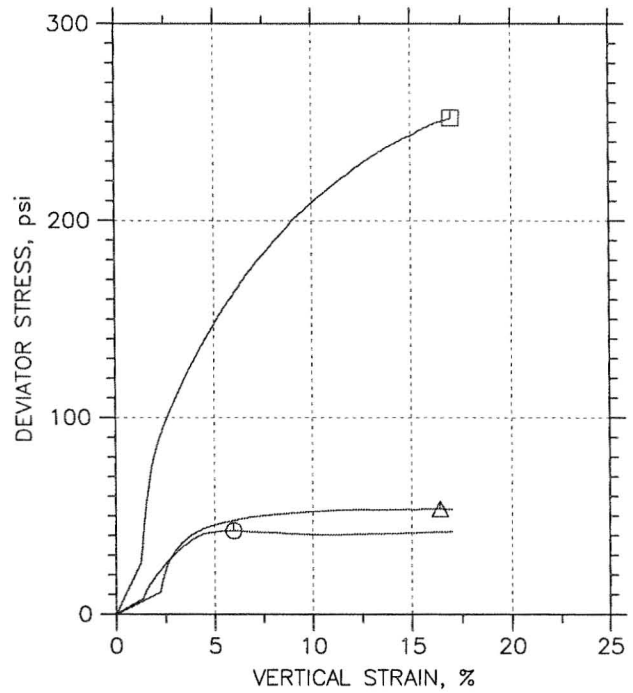
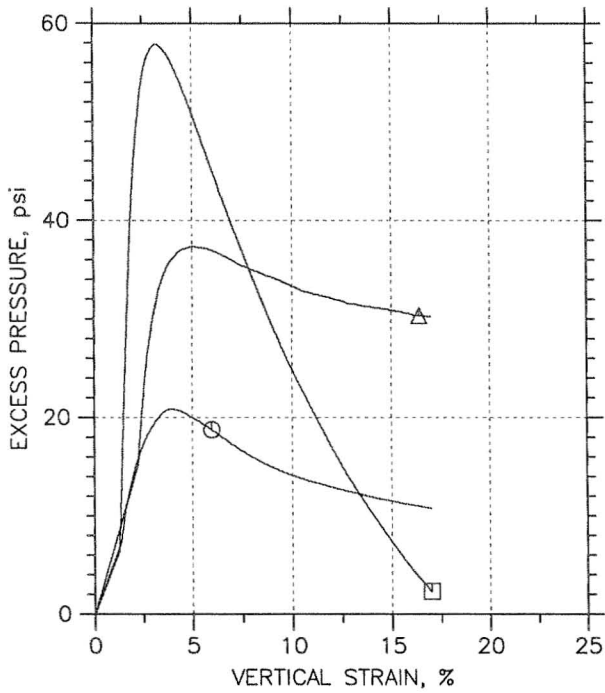
Symbol	⊙	△	□	
Sample No.	UD-5	UD-5	UD-5	
Test No.	7505.1	7505.2	7505.3	
Depth	148.0 ft	148.0 ft	148.0 ft	
Initial	Diameter, in	2.882	2.879	2.868
	Height, in	5.96	5.963	5.971
	Water Content, %	30.0	27.4	17.7
	Dry Density, pcf	89.05	96.22	108.8
Before Shear	Saturation, %	90.7	98.3	87.2
	Void Ratio	0.893	0.752	0.549
	Water Content, %	31.6	27.1	17.6
	Dry Density, pcf	90.96	97.39	114.3
	Saturation*, %	100.0	100.0	100.0
	Void Ratio	0.853	0.731	0.475
	Back Press., psi	100.	89.99	38.
	Ver. Eff. Cons. Stress, psi	27.99	56.	112.
	Shear Strength, psi	21.2	26.76	126.
	Strain at Failure, %	5.97	16.4	17
	Strain Rate, %/min	0.05	0.05	0.05
	B-Value	0.98	0.94	0.93
	Estimated Specific Gravity	2.7	2.7	2.7
	Liquid Limit	55	55	55
	Plastic Limit	21	21	21

MACTEC	Project: Vogtle COL	
	Location: B-3003	
	Project No.: 6141060286	
	Boring No.: B-3003	
	Sample Type: Undisturbed	
	Description: CLAY (CH)	
Remarks:		

Phase calculations based on start and end of test.

* Saturation is set to 100% for phase calculations.

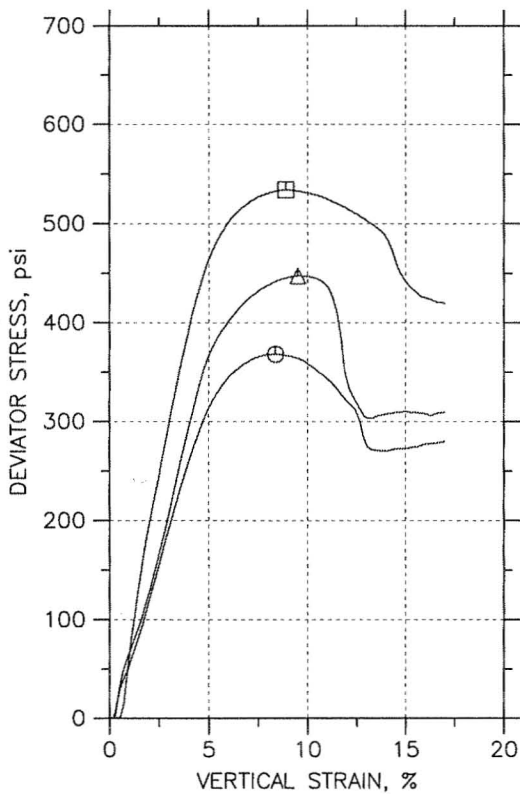
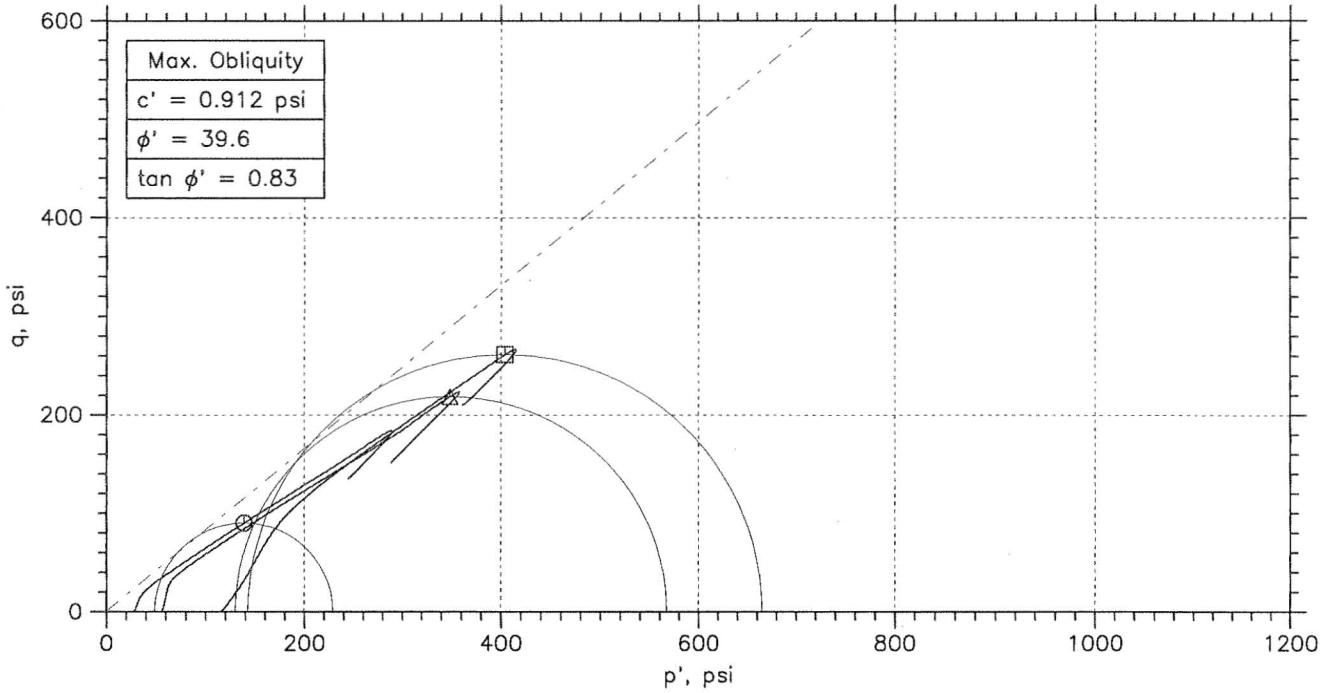
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
○	UD-5	7505.1	148.0 ft	HJ	6/13/07	JW		7505.1_2581a.dat
△	UD-5	7505.2	148.0 ft	HJ	6/13/07	JW	<i>JW 7/31/07</i>	7505.2_2582a.dat
□	UD-5	7505.3	148.0 ft	HJ	6/13/07	JW		7505.3_2583a.dat

MACTEC	Project: Vogtle COL		Location: B-3003		Project No.: 6141060286	
	Boring No.: B-3003		Sample Type: Undisturbed			
	Description: CLAY (CH)					
	Remarks:					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



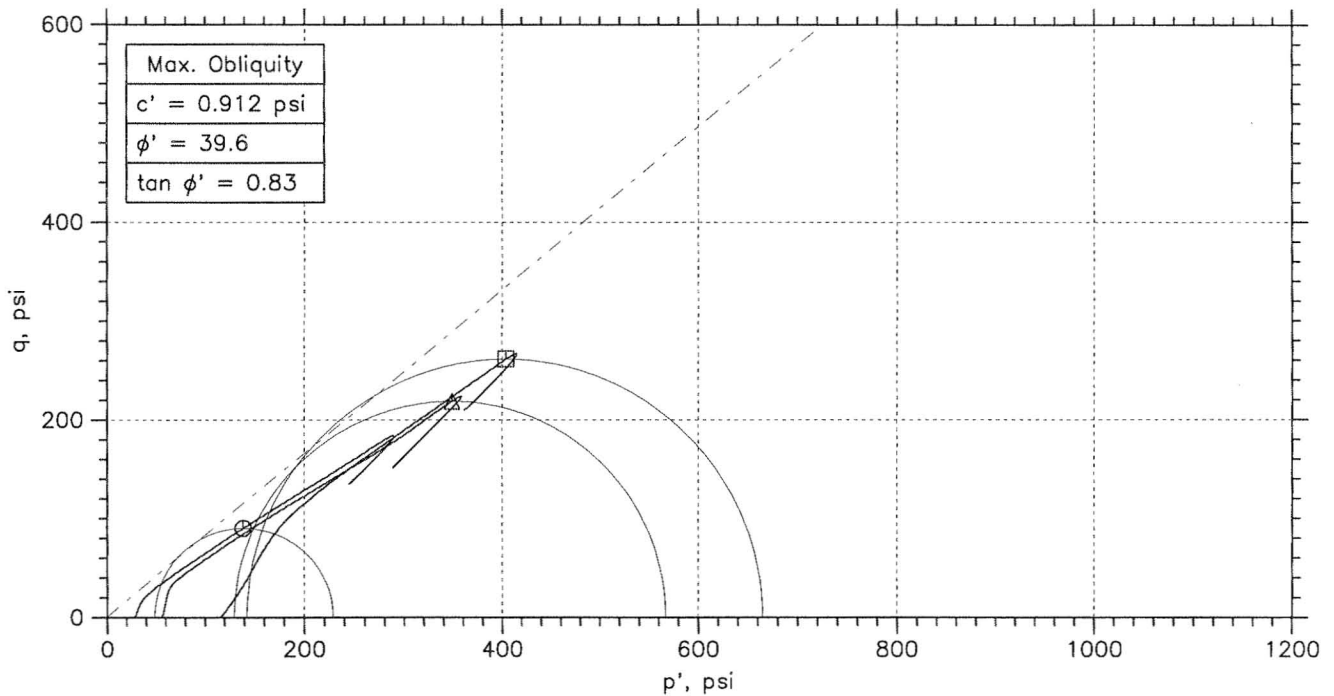
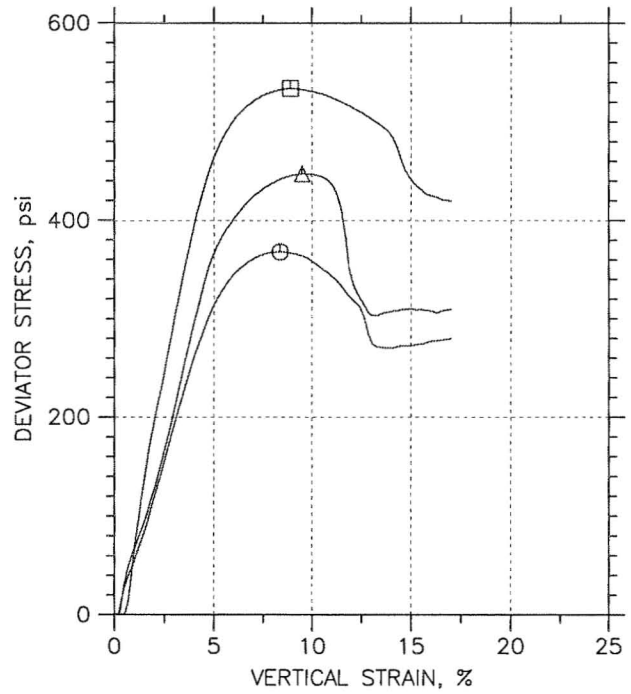
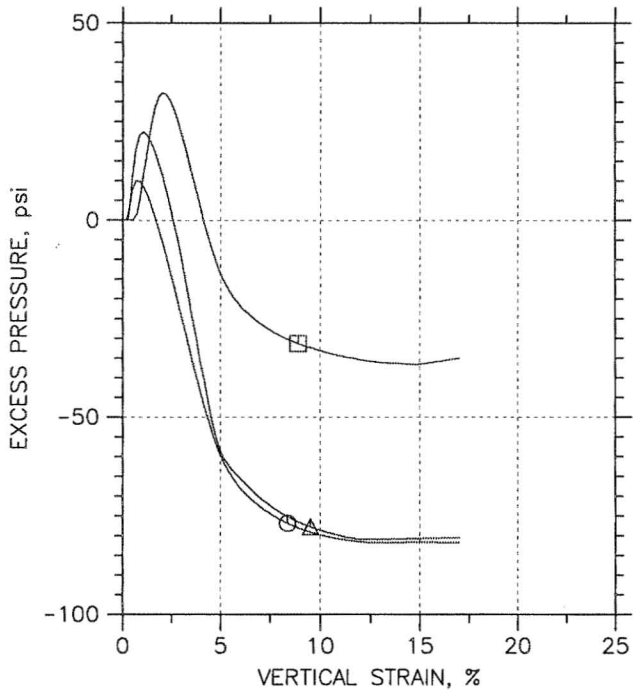
Symbol	⊙	△	□	
Sample No.	UD-6	UD-6	UD-6	
Test No.	7506.1	7506.2	7506.3	
Depth	163.0 ft	163.0 ft	163.0 ft	
Initial	Diameter, in	2.869	2.867	2.87
	Height, in	5.664	5.586	5.611
	Water Content, %	20.4	19.9	20.0
	Dry Density, pcf	99.44	101.2	102.7
	Saturation, %	81.6	83.2	86.8
Before Shear	Void Ratio	0.664	0.635	0.611
	Water Content, %	23.2	22.2	22.4
	Dry Density, pcf	102.5	104.1	103.8
	Saturation*, %	100.0	100.0	100.0
	Void Ratio	0.615	0.589	0.594
	Back Press., psi	77.99	75.99	30.
	Ver. Eff. Cons. Stress, psi	27.99	56.	116.
	Shear Strength, psi	183.9	223.5	266.9
	Strain at Failure, %	8.38	9.51	8.91
	Strain Rate, %/min	0.1	0.1	0.1
	B-Value	0.98	0.98	0.82
	Estimated Specific Gravity	2.65	2.65	2.65
	Liquid Limit	---	---	---
	Plastic Limit	---	---	---

MACTEC	Project: Vogtle COL				
	Location: B-3003				
	Project No.: 6141060286				
	Boring No.: B-3003				
	Sample Type: Undisturbed				
	Description: SAND, clayey (SC) (Visual)				
Remarks:					

Phase calculations based on start and end of test.

* Saturation is set to 100% for phase calculations.

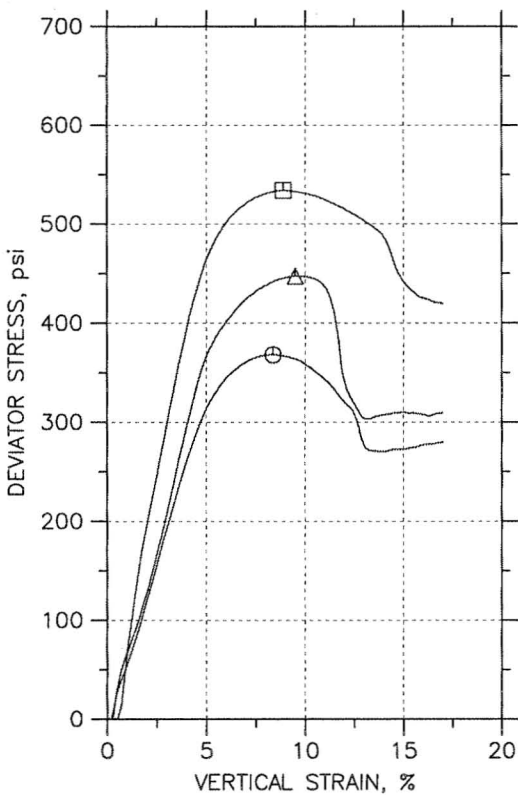
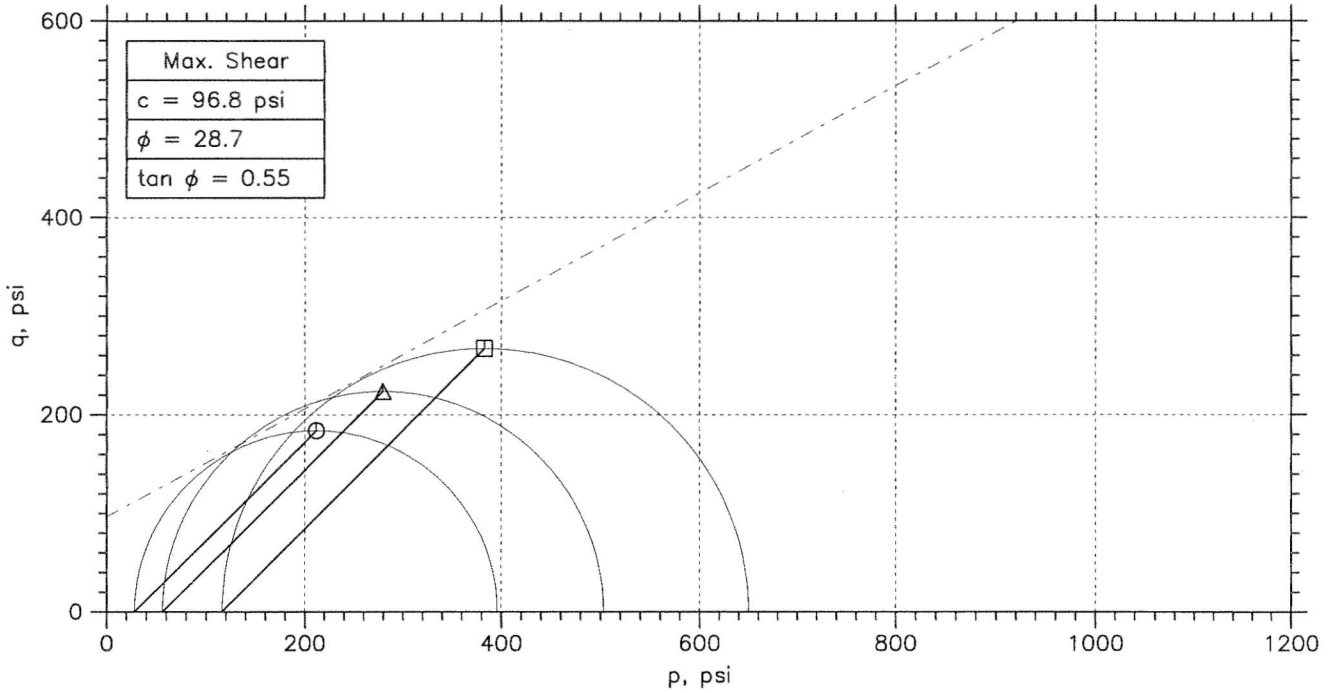
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-6	7506.1	JW	7/6/07	HJ		7506.1_2581.dat
△	UD-6	7506.2	JW	7/6/07	HJ		7506.2_2583.dat
□	UD-6	7506.3	JW	7/6/07	HJ	7/21/07	7506.3_2582.dat

MACTEC	Project: Vogtle COL	Location: B-3003	Project No.: 6141060286
	Boring No.: B-3003	Sample Type: Undisturbed	
	Description: SAND, clayey (SC) (Visual)		
	Remarks:		

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



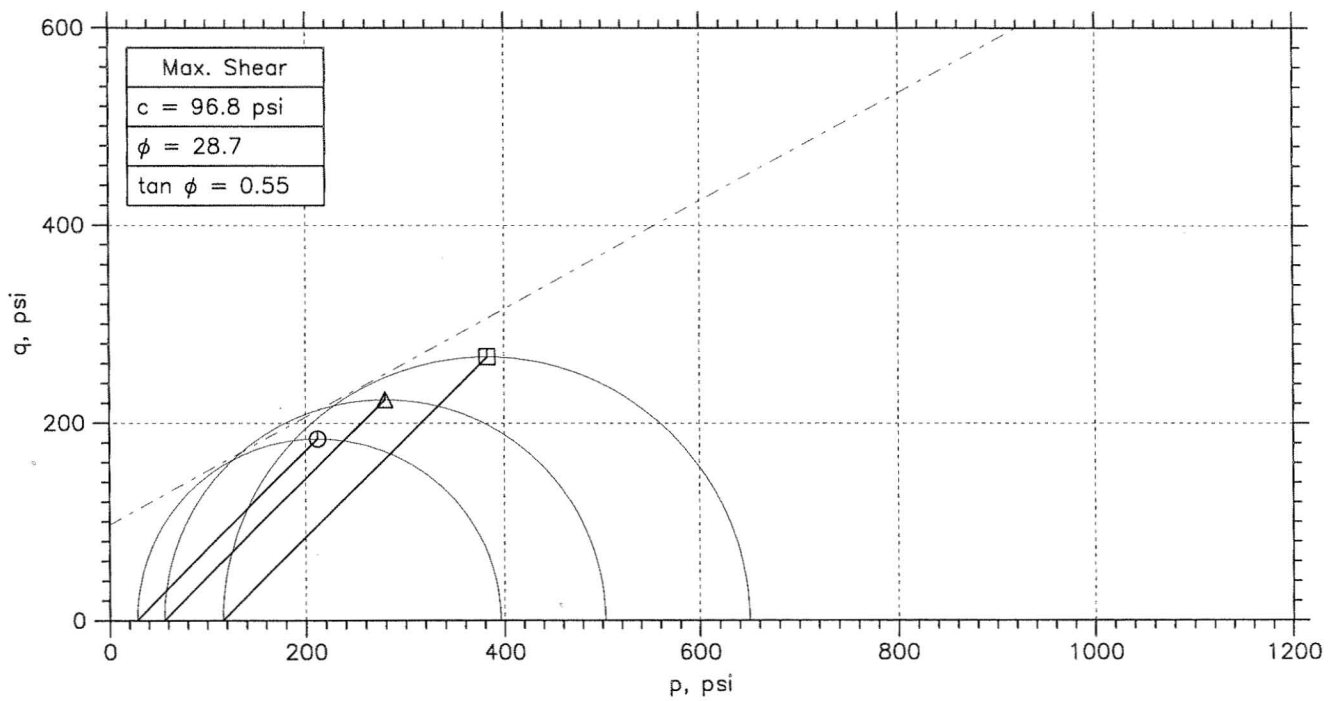
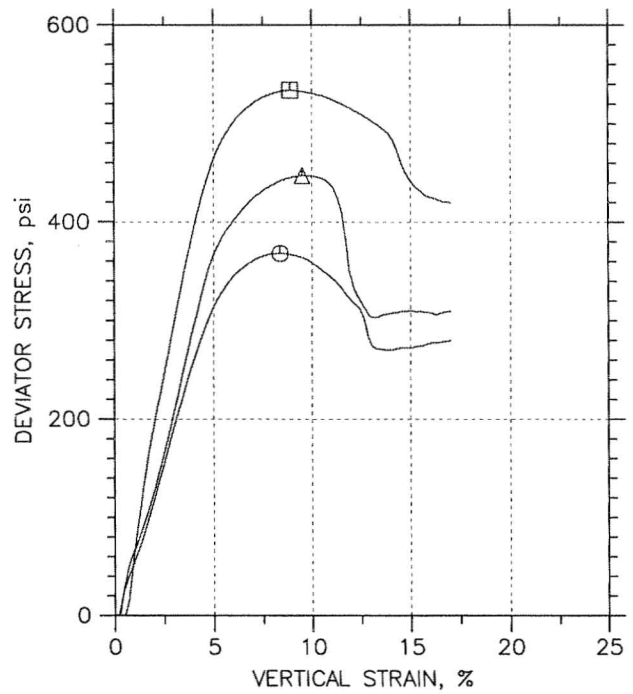
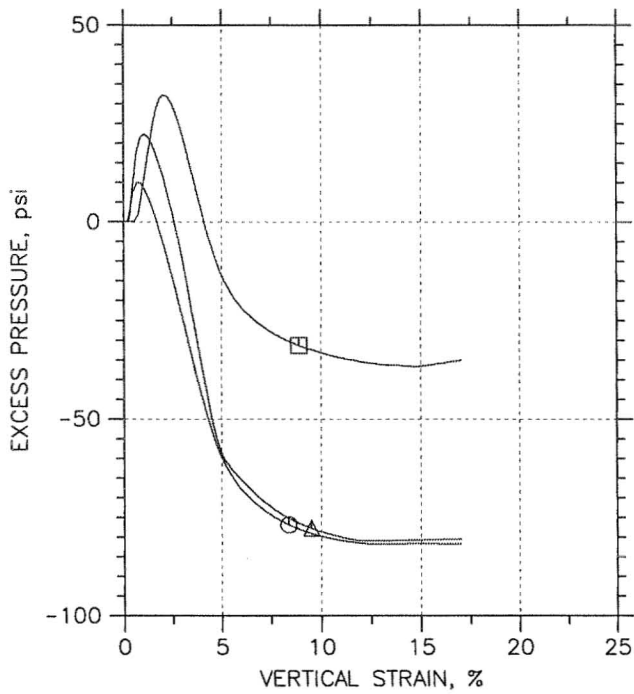
Symbol	⊙	△	□	
Sample No.	UD-6	UD-6	UD-6	
Test No.	7506.1	7506.2	7506.3	
Depth	163.0 ft	163.0 ft	163.0 ft	
Initial	Diameter, in	2.869	2.867	2.87
	Height, in	5.664	5.586	5.611
	Water Content, %	20.4	19.9	20.0
	Dry Density, pcf	99.44	101.2	102.7
	Saturation, %	81.6	83.2	86.8
Before Shear	Void Ratio	0.664	0.635	0.611
	Water Content, %	23.2	22.2	22.4
	Dry Density, pcf	102.5	104.1	103.8
	Saturation*, %	100.0	100.0	100.0
	Void Ratio	0.615	0.589	0.594
Back Press., psi	77.99	75.99	30.	
Ver. Eff. Cons. Stress, psi	27.99	56.	116.	
Shear Strength, psi	183.9	223.5	266.9	
Strain at Failure, %	8.38	9.51	8.91	
Strain Rate, %/min	0.1	0.1	0.1	
B-Value	0.98	0.98	0.82	
Estimated Specific Gravity	2.65	2.65	2.65	
Liquid Limit	---	---	---	
Plastic Limit	---	---	---	

MACTEC	Project: Vogtle COL	
	Location: B-3003	
	Project No.: 6141060286	
	Boring No.: B-3003	
	Sample Type: Undisturbed	
	Description: SAND, clayey (SC) (Visual)	
Remarks:		

Phase calculations based on start and end of test.

* Saturation is set to 100% for phase calculations.

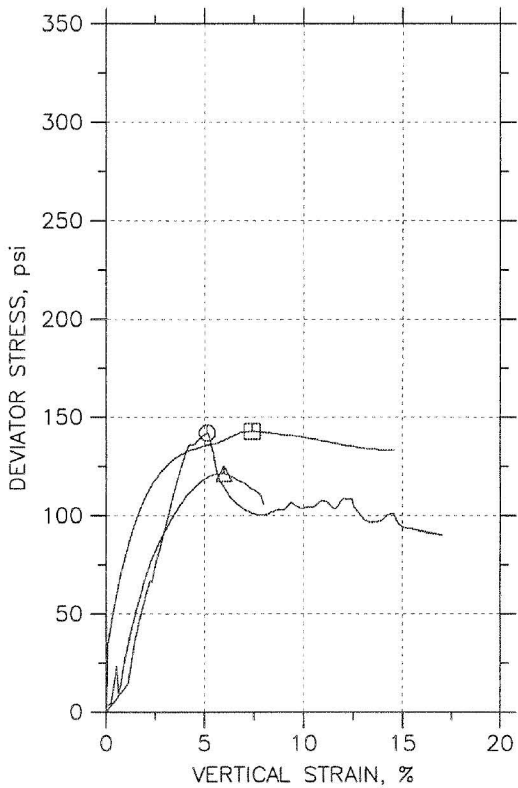
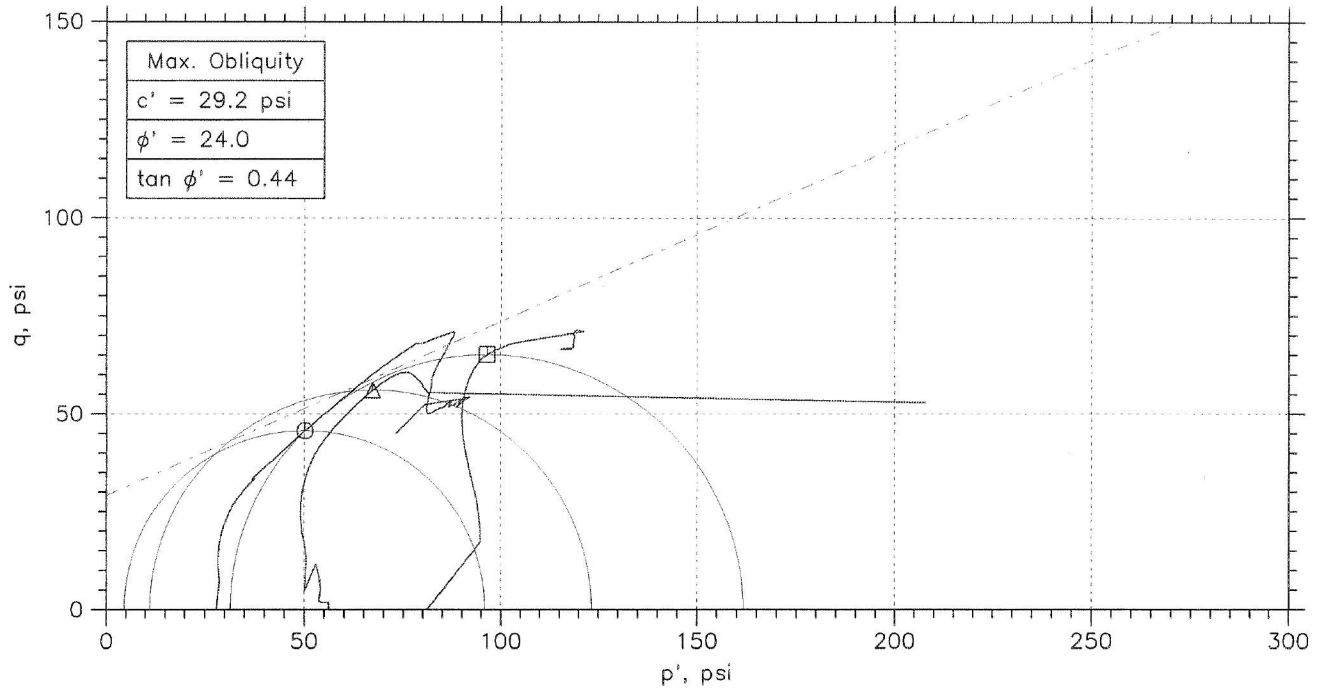
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
○	UD-6	7506.1	JW	7/6/07	HJ		7506.1_2581.dat
△	UD-6	7506.2	JW	7/6/07	HJ	7/12/07	7506.2_2583.dat
□	UD-6	7506.3	JW	7/6/07	HJ		7506.3_2582.dat

MACTEC	Project: Vogtle COL		Location: B-3003		Project No.: 6141060286	
	Boring No.: B-3003		Sample Type: Undisturbed			
	Description: SAND, clayey (SC) (Visual)					
	Remarks:					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



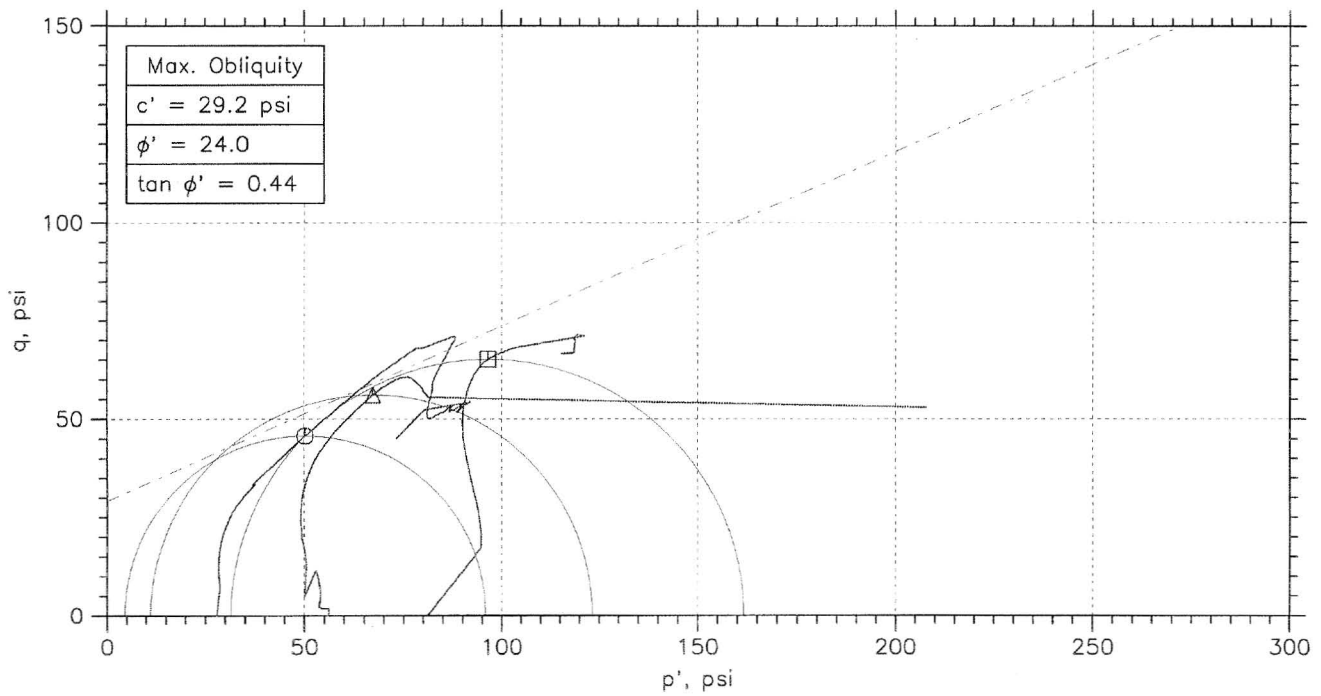
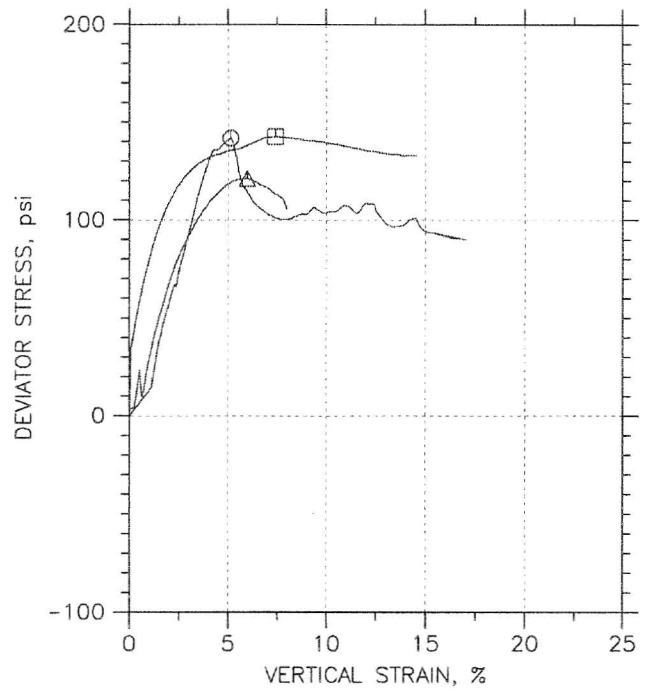
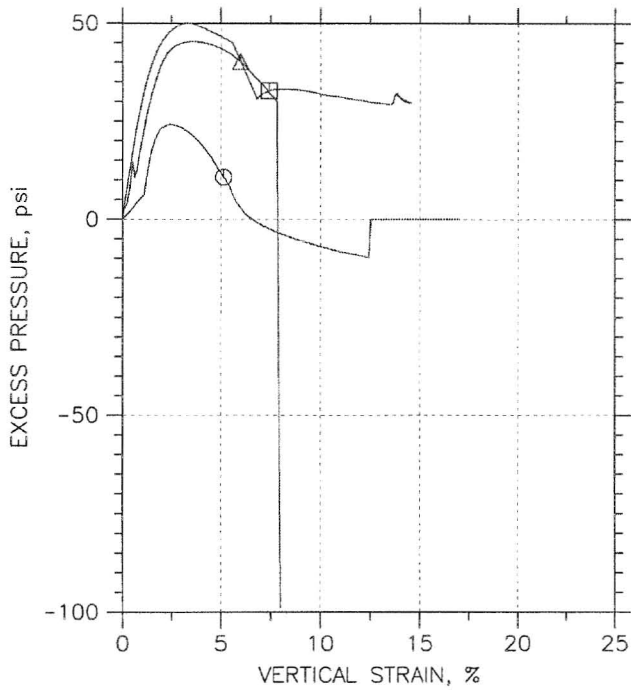
Symbol	⊙	△	□	
Sample No.	UD-1	UD-1	UD-1	
Test No.	7507.1	7507.2	7507.3	
Depth	93.0 ft	93.0 ft	93.0 ft	
Initial	Diameter, in	2.88	2.88	2.877
	Height, in	6	6	6
	Water Content, %	42.0	39.9	31.2
	Dry Density, pcf	74.56	76.1	79.5
	Saturation, %	90.0	88.6	75.2
	Void Ratio	1.26	1.21	1.12
Before Shear	Water Content, %	43.7	39.5	31.0
	Dry Density, pcf	76.83	81.6	91.71
	Saturation*, %	98.9	100.0	100.0
	Void Ratio	1.19	1.07	0.838
	Back Press., psi	83.99	85.93	34.97
Ver. Eff. Cons. Stress, psi	28.	55.99	112.	
Shear Strength, psi	70.95	60.59	71.29	
Strain at Failure, %	5.15	6	7.43	
Strain Rate, %/min	0.05	0.05	0.05	
B-Value	0.96	0.96	0.97	
Estimated Specific Gravity	2.7	2.7	2.7	
Liquid Limit	97	97	97	
Plastic Limit	53	53	53	

MACTEC	Project: Vogtle COL	
	Location: B-3004	
	Project No.: 6141060286	
	Boring No.: B-3004	
	Sample Type: Undisturbed	
	Description: SILT (MH)	
Remarks:		

Phase calculations based on start at 1493 and 1625 test.

* Saturation is set to 100% for phase calculations.

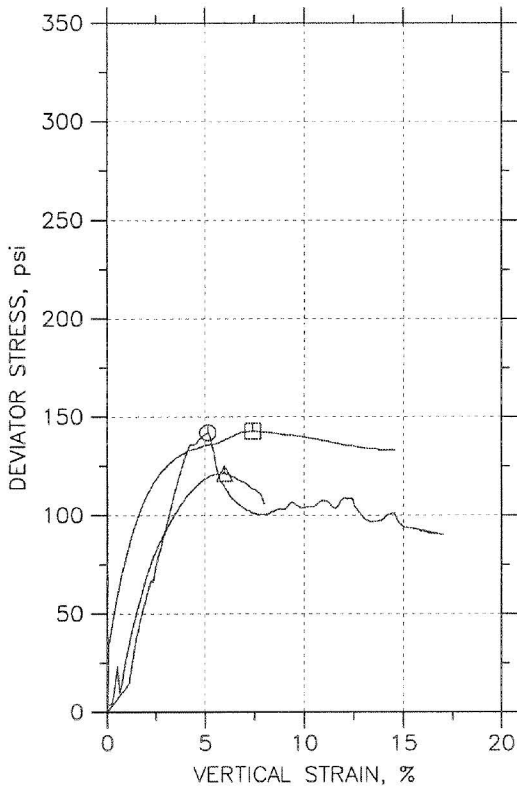
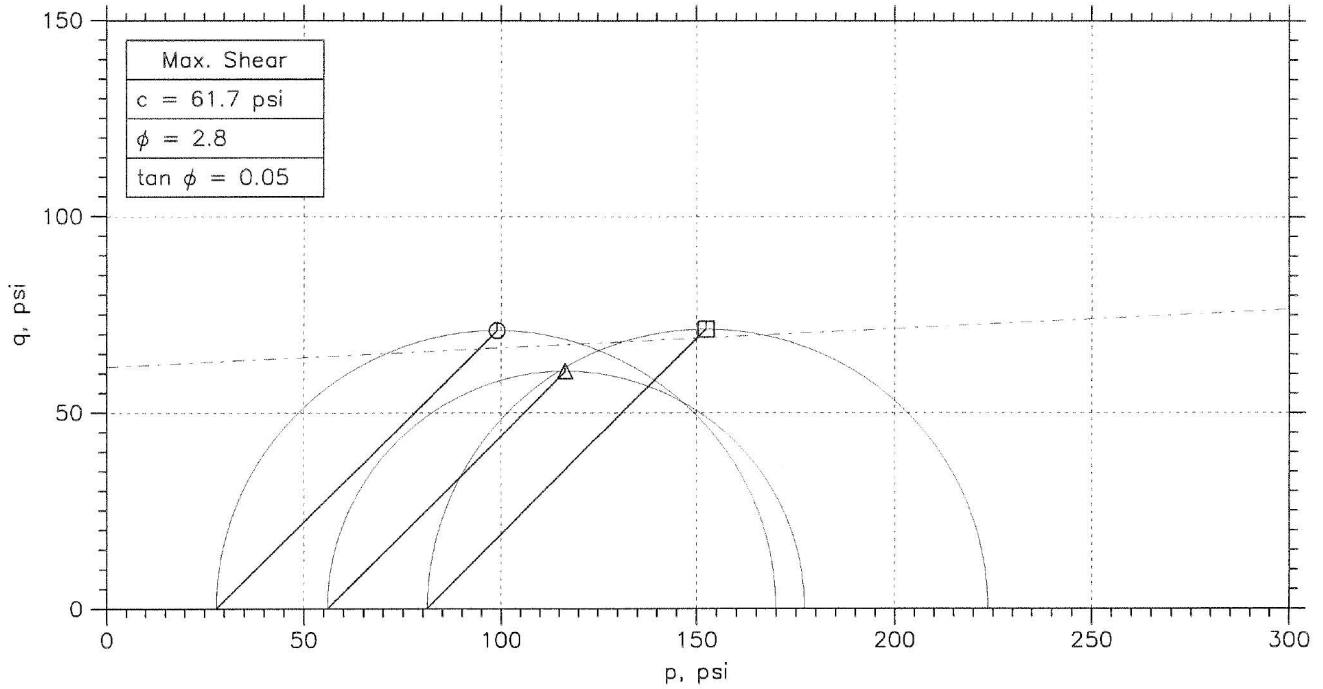
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
○	UD-1	7507.1	93.0 ft	HJ	6/7/07	JW		7507.1_2546a.dat
△	UD-1	7507.2	93.0 ft	HJ	6/7/07	JW		7507.2_2545.dat
□	UD-1	7507.3	93.0 ft	HJ	6/7/07	JW		7507.3_2547a.dat

MACTEC	Project: Vogtle COL		Location: B-3004		Project No.: 6141060286	
	Boring No.: B-3004		Sample Type: Undisturbed			
	Description: SILT (MH)					
	Remarks:					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



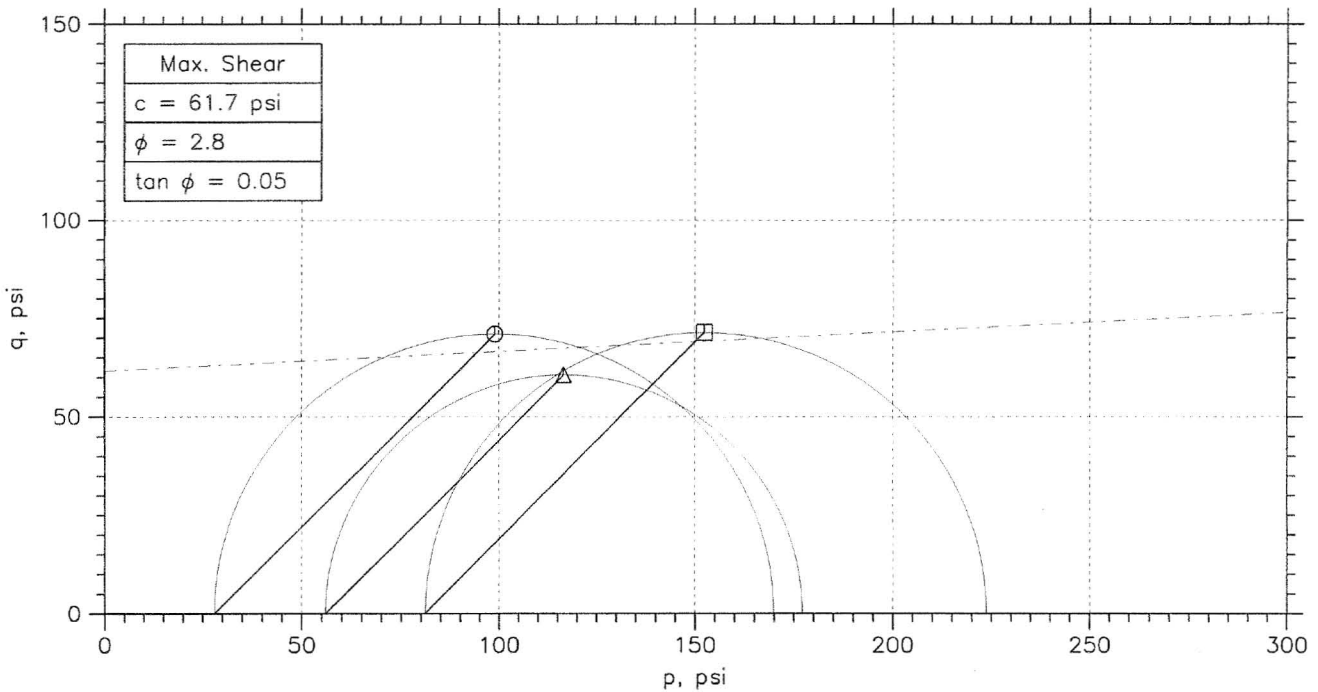
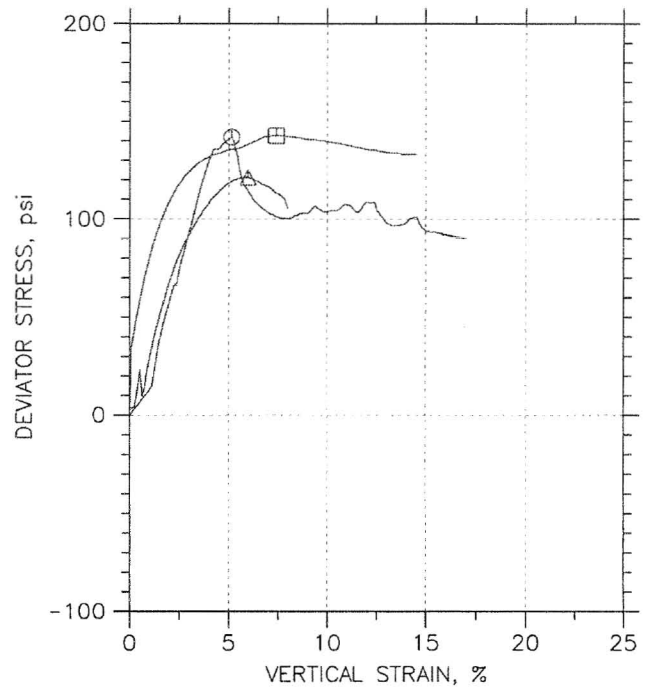
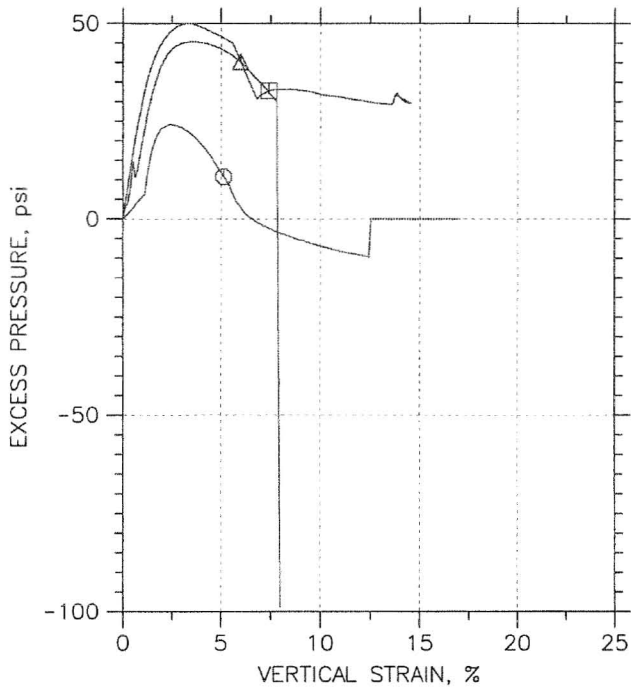
Symbol	⊙	△	□	
Sample No.	UD-1	UD-1	UD-1	
Test No.	7507.1	7507.2	7507.3	
Depth	93.0 ft	93.0 ft	93.0 ft	
Initial	Diameter, in	2.88	2.88	2.877
	Height, in	6	6	6
	Water Content, %	42.0	39.9	31.2
	Dry Density, pcf	74.56	76.1	79.5
	Saturation, %	90.0	88.6	75.2
	Void Ratio	1.26	1.21	1.12
Before Shear	Water Content, %	43.7	39.5	31.0
	Dry Density, pcf	76.83	81.6	91.71
	Saturation*, %	98.9	100.0	100.0
	Void Ratio	1.19	1.07	0.838
	Back Press., psi	83.99	85.93	34.97
Ver. Eff. Cons. Stress, psi	28.	55.99	112.	
Shear Strength, psi	70.95	60.59	71.29	
Strain at Failure, %	5.15	6	7.43	
Strain Rate, %/min	0.05	0.05	0.05	
B-Value	0.96	0.96	0.97	
Estimated Specific Gravity	2.7	2.7	2.7	
Liquid Limit	97	97	97	
Plastic Limit	53	53	53	

	Project: Vogtle COL	
	Location: B-3004	
	Project No.: 6141060286	
	Boring No.: B-3004	
	Sample Type: Undisturbed	
	Description: SILT (MH)	
Remarks:		

Phase calculations based on start at 1495 of 1625 test.

* Saturation is set to 100% for phase calculations.

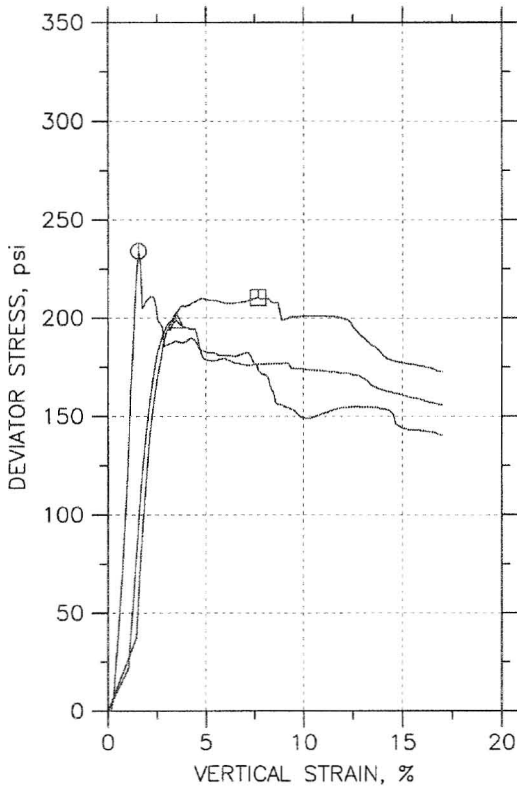
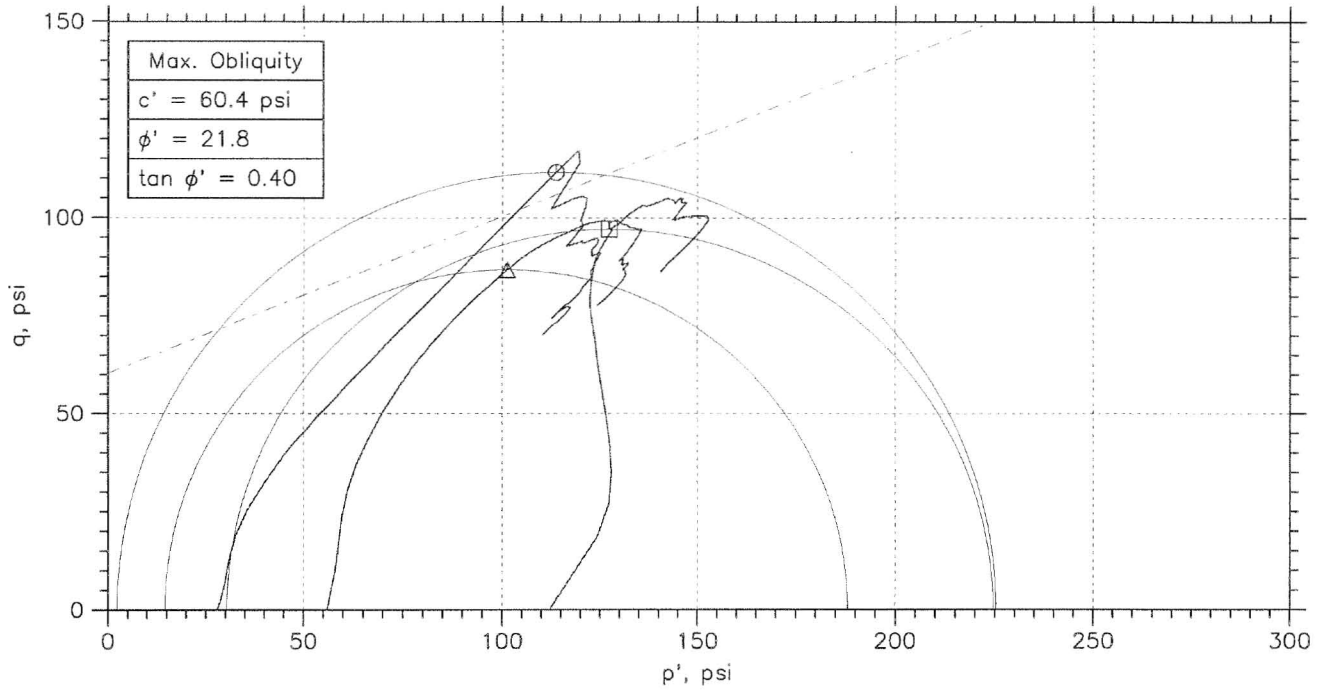
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
○	UD-1	7507.1	93.0 ft	HJ	6/7/07	JW		7507.1_2546a.dat
△	UD-1	7507.2	93.0 ft	HJ	6/7/07	JW		7507.2_2545.dat
□	UD-1	7507.3	93.0 ft	HJ	6/7/07	JW		7507.3_2547a.dat

MACTEC	Project: Vogtle COL		Location: B-3004		Project No.: 6141060286	
	Boring No.: B-3004		Sample Type: Undisturbed			
	Description: SILT (MH)					
	Remarks:					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



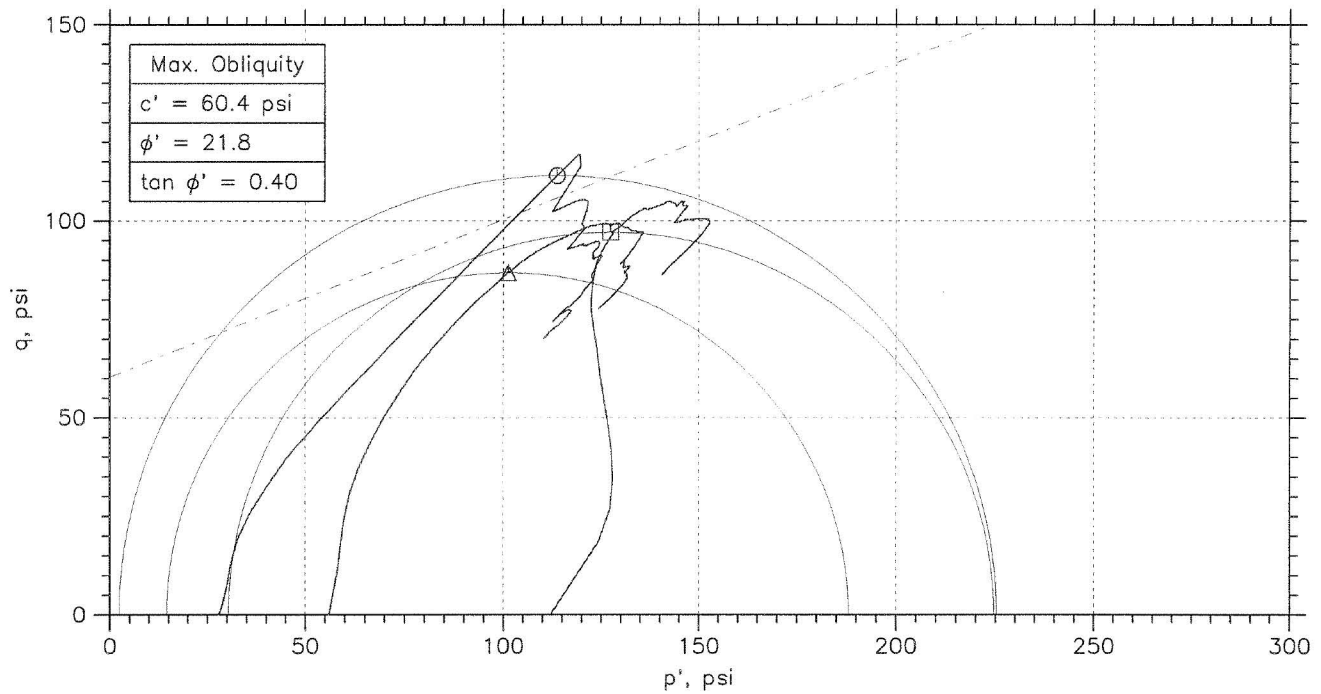
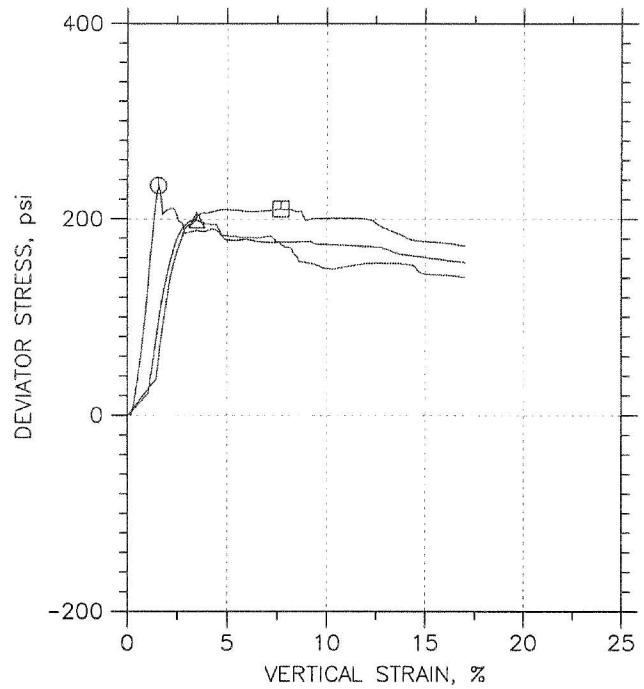
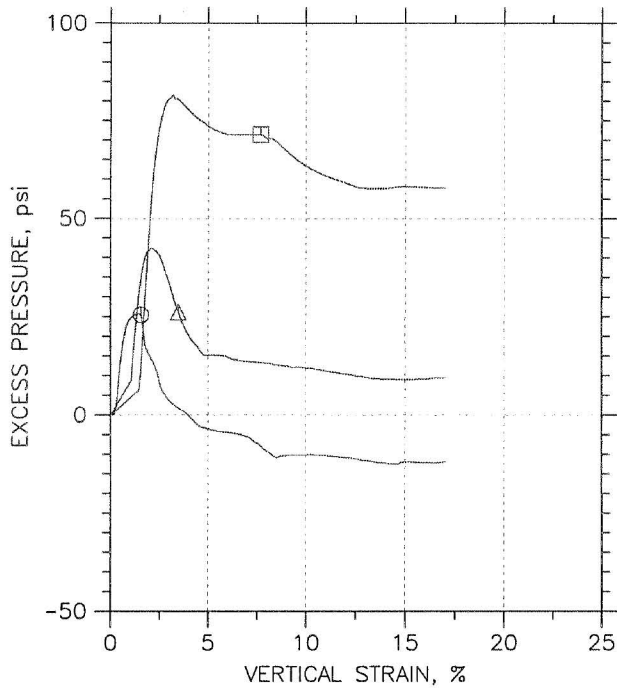
Symbol	⊙	△	□	
Sample No.	UD-4	UD-4	UD-4	
Test No.	7512.1	7512.2	7512.3	
Depth	138.0 ft	138.0 ft	138.0 ft	
Initial	Diameter, in	2.867	2.872	2.875
	Height, in	6	6	6
	Water Content, %	16.8	27.0	25.0
	Dry Density, pcf	103.	97.28	100.1
	Saturation, %	71.0	99.5	98.9
	Void Ratio	0.637	0.733	0.684
Before Shear	Water Content, %	16.6	26.4	24.2
	Dry Density, pcf	116.4	98.37	102.
	Saturation*, %	100.0	100.0	100.0
	Void Ratio	0.448	0.714	0.652
	Back Press., psi	50.	86.	35.99
Ver. Eff. Cons. Stress, psi	28.	55.99	112.	
Shear Strength, psi	117.	99.44	105.1	
Strain at Failure, %	1.56	3.47	7.7	
Strain Rate, %/min	0.05	0.05	0.05	
B-Value	0.98	0.99	0.99	
Estimated Specific Gravity	2.7	2.7	2.7	
Liquid Limit	52	52	52	
Plastic Limit	24	24	24	

MACTEC	Project: Vogtle COL	
	Location: B-3005	
	Project No.: 6141060286	
	Boring No.: B-3005	
	Sample Type: Undisturbed	
	Description: CLAY (CH)	
Remarks:		

Phase calculations based on start at 149.7 of 1625 test.

* Saturation is set to 100% for phase calculations.

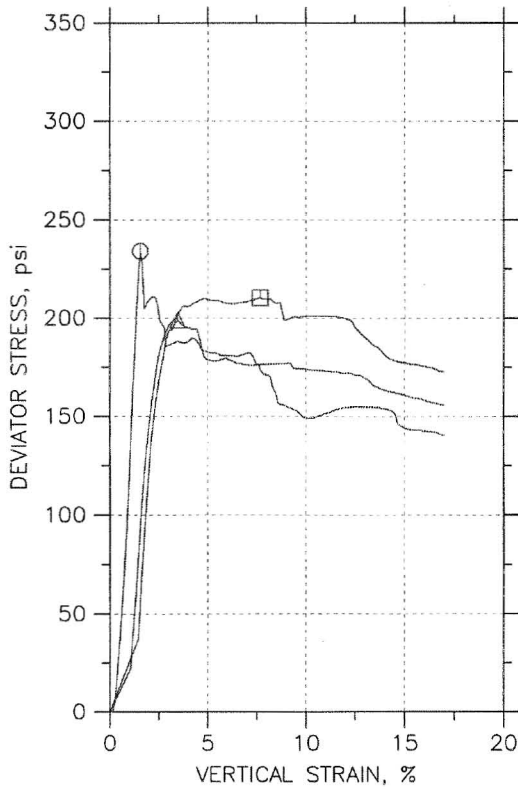
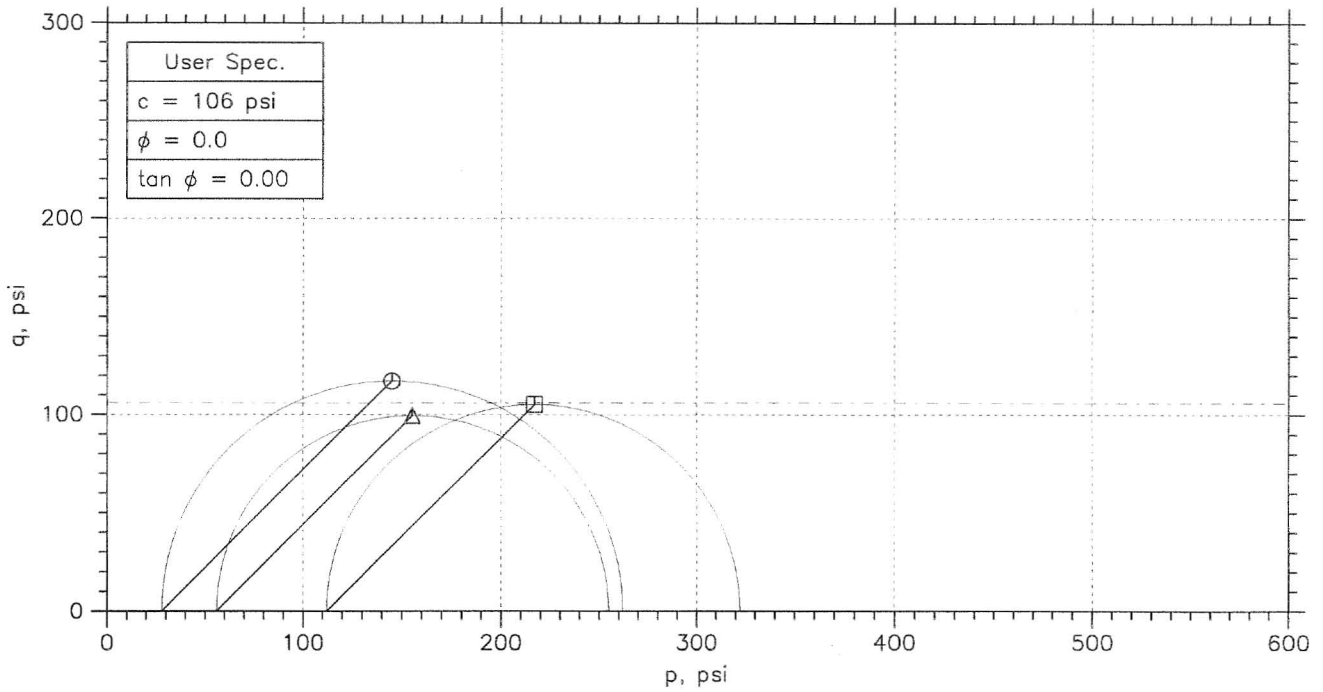
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
○	UD-4	7512.1	138.0 ft	HJ	6/8/07	JW		7512.1_2583.dat
△	UD-4	7512.2	138.0 ft	HJ	6/8/07	JW		7512.2_2582a.dat
□	UD-4	7512.3	138.0 ft	HJ	6/8/2007	JW		7512.3_2581a.dat

MACTEC	Project: Vogtle COL		Location: B-3005		Project No.: 6141060286	
	Boring No.: B-3005		Sample Type: Undisturbed			
	Description: CLAY (CH)					
	Remarks:					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



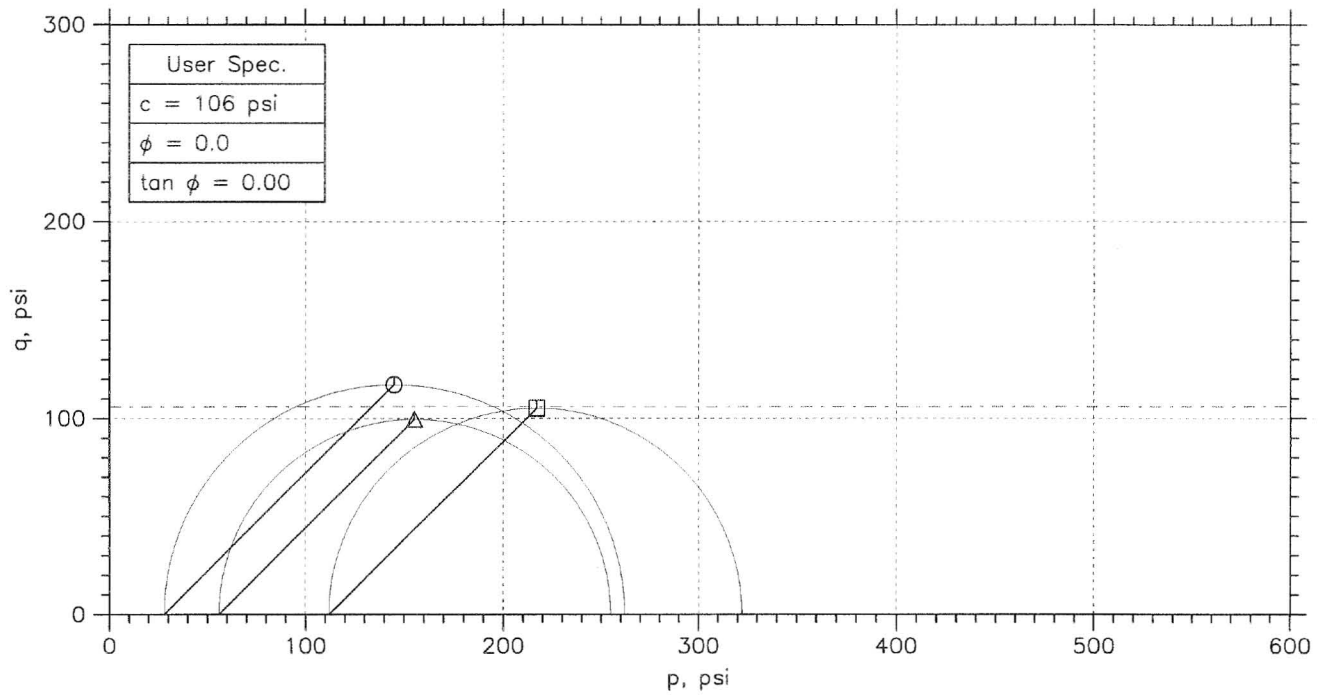
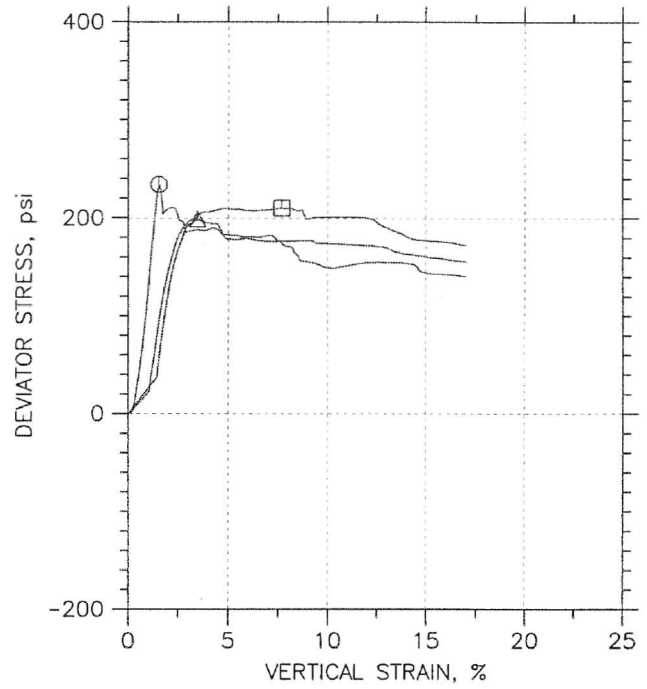
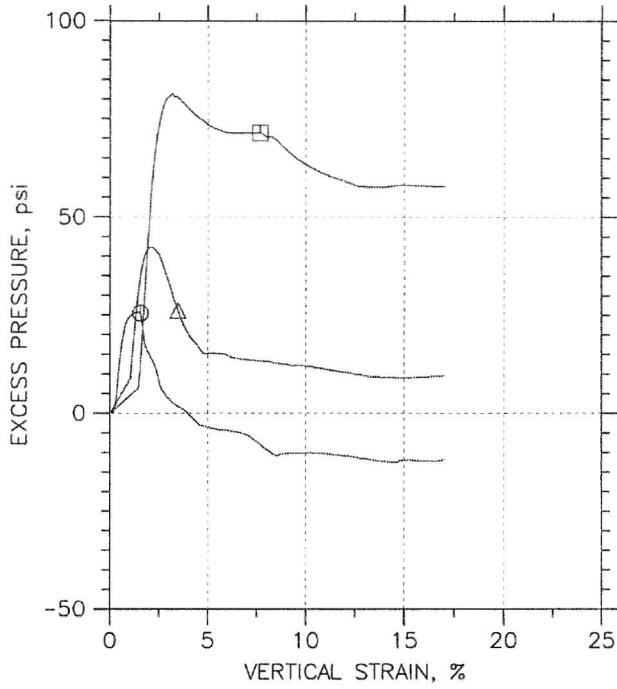
Symbol	⊙	△	□	
Sample No.	UD-4	UD-4	UD-4	
Test No.	7512.1	7512.2	7512.3	
Depth	138..0 ft	138.0 ft	138.0 ft	
Initial	Diameter, in	2.867	2.872	2.875
	Height, in	6	6	6
	Water Content, %	16.8	27.0	25.0
	Dry Density, pcf	103.	97.28	100.1
	Saturation, %	71.0	99.5	98.9
	Void Ratio	0.637	0.733	0.684
Before Shear	Water Content, %	16.6	26.4	24.2
	Dry Density, pcf	116.4	98.37	102.
	Saturation*, %	100.0	100.0	100.0
	Void Ratio	0.448	0.714	0.652
	Back Press., psi	50.	86.	35.99
Ver. Eff. Cons. Stress, psi	28.	55.99	112.	
Shear Strength, psi	117.	99.44	105.1	
Strain at Failure, %	1.56	3.47	7.7	
Strain Rate, %/min	0.05	0.05	0.05	
B-Value	0.98	0.99	0.99	
Estimated Specific Gravity	2.7	2.7	2.7	
Liquid Limit	52	52	52	
Plastic Limit	24	24	24	

MACTEC	Project: Vogtle COL	
	Location: B-3005	
	Project No.: 6141060286	
	Boring No.: B-3005	
	Sample Type: Undisturbed	
	Description: CLAY (CH)	
Remarks:		

Phase calculations based on start at 149.0 of 1625 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
○	UD-4	7512.1	138.0 ft	HJ	6/8/07	JW		7512.1_2583.dat
△	UD-4	7512.2	138.0 ft	HJ	6/8/07	JW		7512.2_2582a.dat
□	UD-4	7512.3	138.0 ft	HJ	6/8/2007	JW		7512.3_2581a.dat

MACTEC	Project: Vogtle COL		Location: B-3005		Project No.: 6141060286	
	Boring No.: B-3005		Sample Type: Undisturbed			
	Description: CLAY (CH)					
	Remarks:					