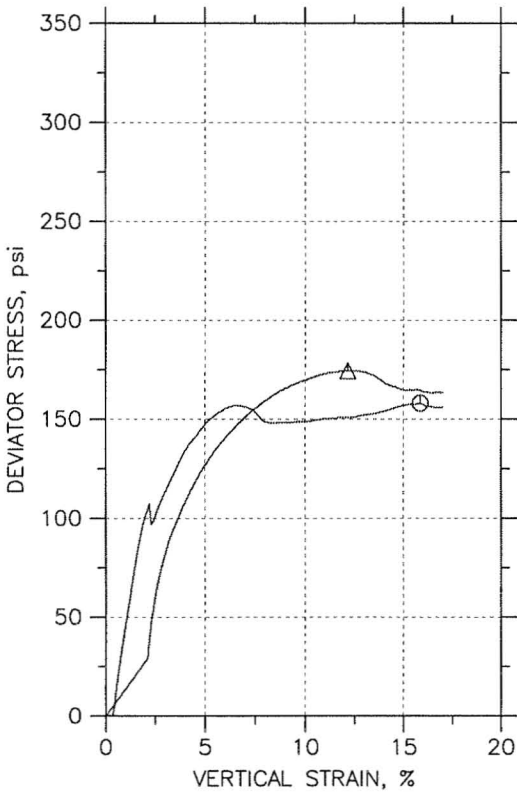
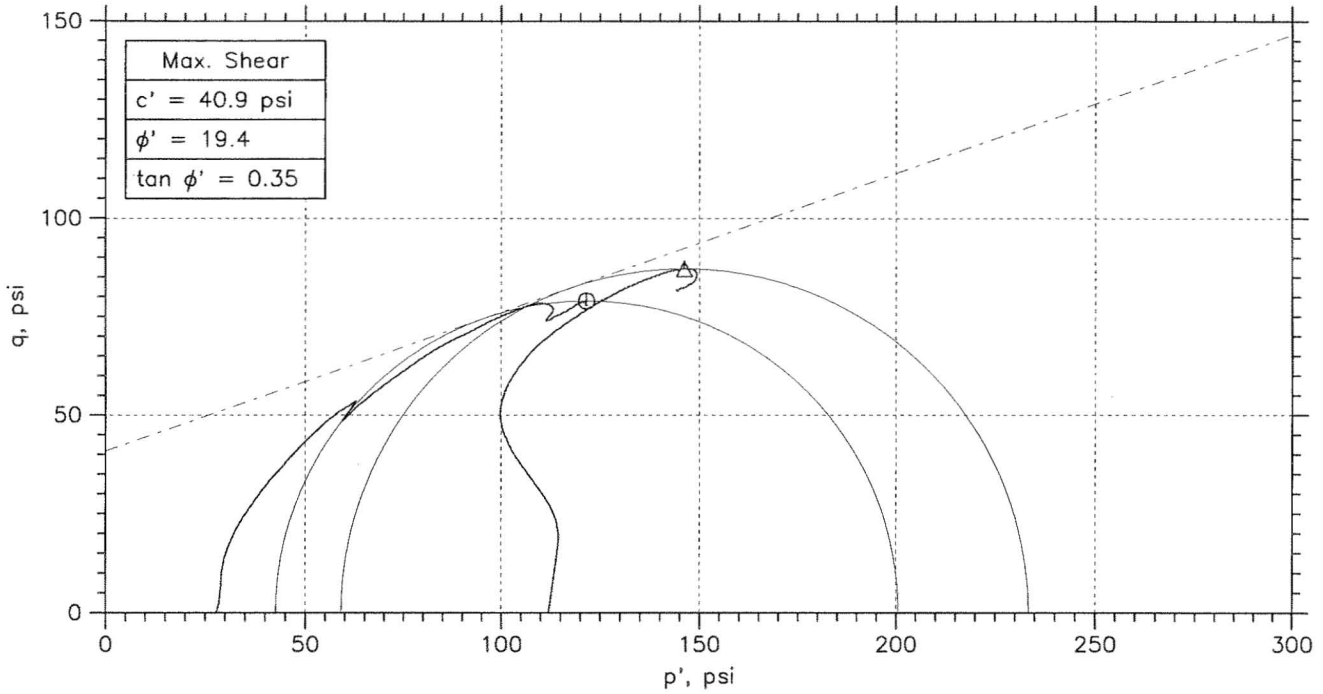


CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	⊙	Δ		
Sample No.	UD-3	UD-3		
Test No.	7583.1	7583.3		
Depth	103.0 ft	103.0 ft		
Initial	Diameter, in	2.875	2.879	
	Height, in	5.961	5.961	
	Water Content, %	28.2	24.8	
	Dry Density, pcf	92.19	99.28	
	Saturation, %	92.0	96.1	
Before Shear	Void Ratio	0.828	0.698	
	Water Content, %	29.7	23.4	
	Dry Density, pcf	93.49	103.3	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.803	0.632	
	Back Press., psi	69.99	38.	
	Ver. Eff. Cons. Stress, psi	28.	112.	
	Shear Strength, psi	78.96	87.15	
	Strain at Failure, %	15.9	12.2	
	Strain Rate, %/min	0.05	0.05	
	B-Value	0.99	0.93	
	Estimated Specific Gravity	2.7	2.7	
	Liquid Limit	---	---	
	Plastic Limit	---	---	

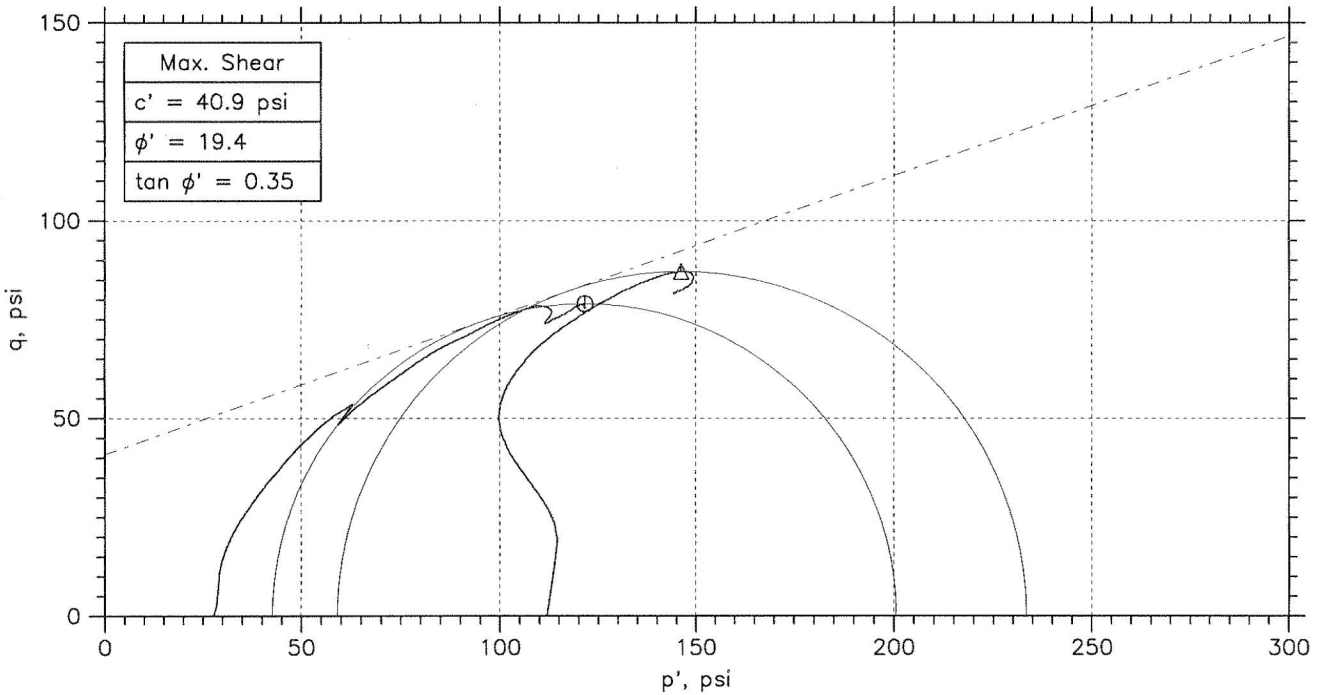
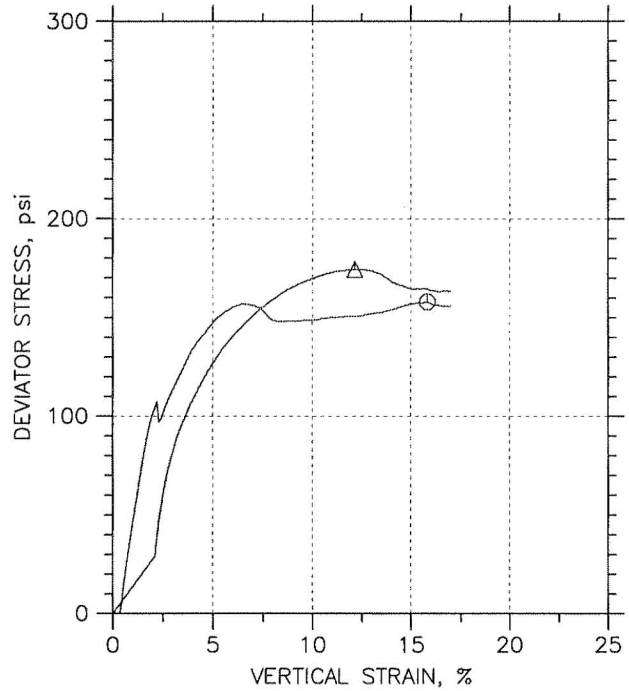
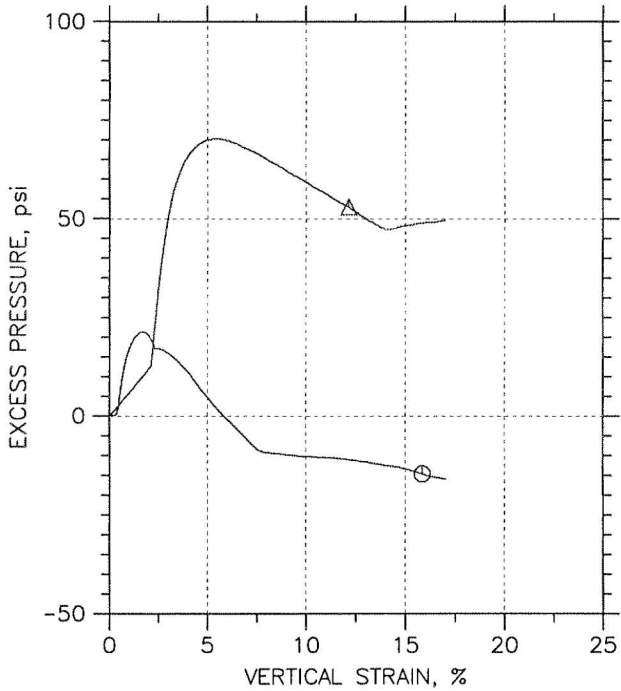
MACTEC	Project: Vogtle COL	
	Location: B-4018	
	Project No.: 6141060286	
	Boring No.: B-4018	
	Sample Type: Undisturbed	
	Description: Clay (CL) (Visual)	
Remarks:		

1541 of 1625

Phase calculations based on start and end of test.

* Saturation is set to 100% for phase calculations.

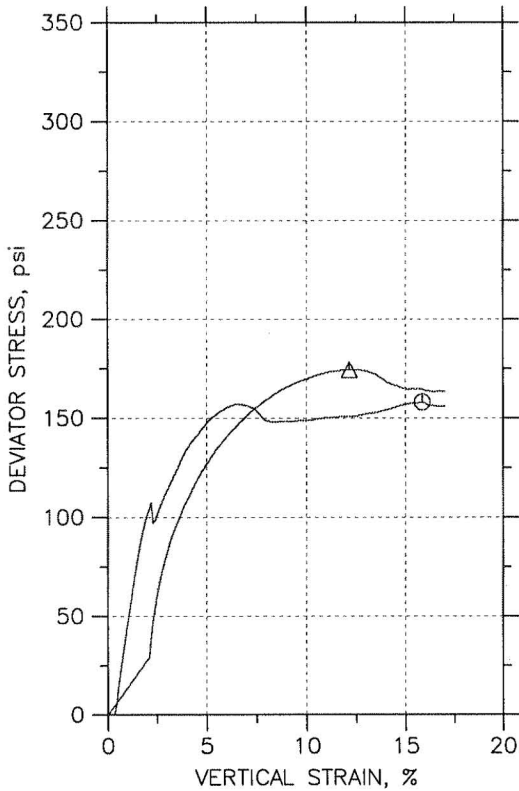
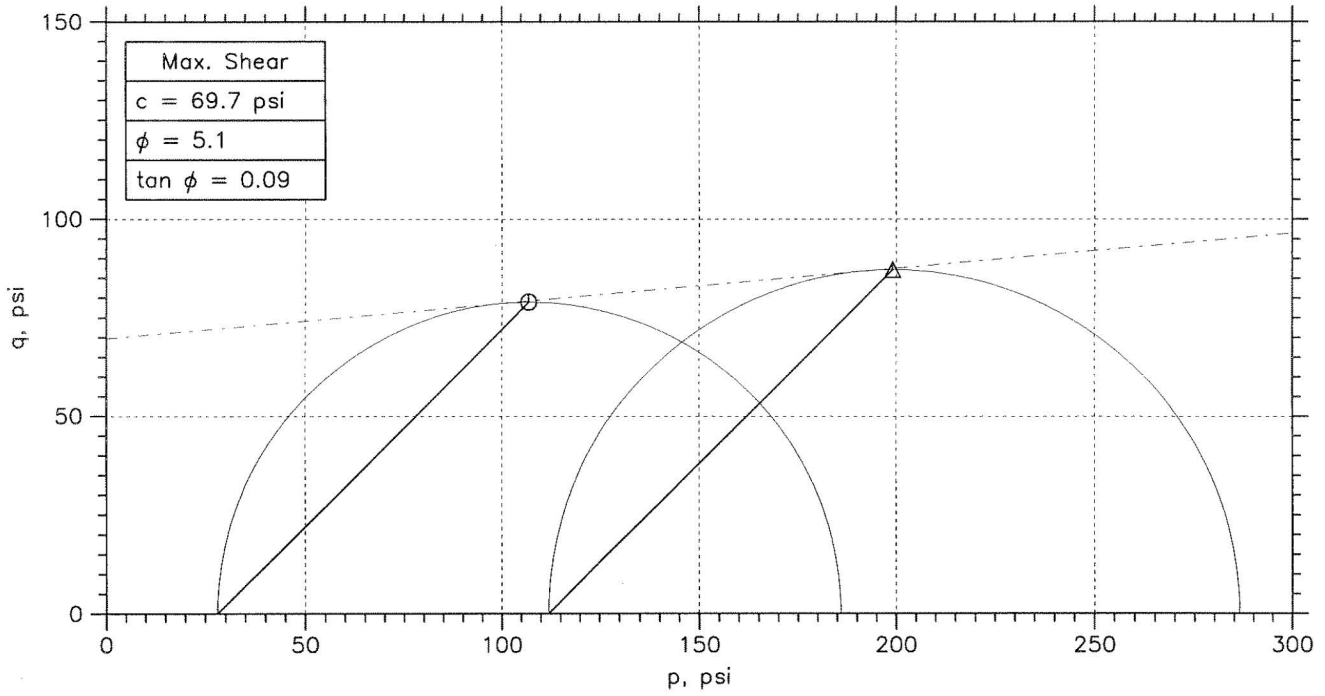
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊕	UD-3	7583.1	HJ	6/18/07	JW		7583.1_2583.dat
△	UD-3	7583.3	HJ	6/18/07	JW	5/27/31/07	7583.3_2582a.dat

MACTEC	Project: Vogtle COL		Location: B-4018		Project No.: 6141060286	
	Boring No.: B-4018		Sample Type: Undisturbed			
	Description: Clay (CL) (Visual)					
	Remarks:					

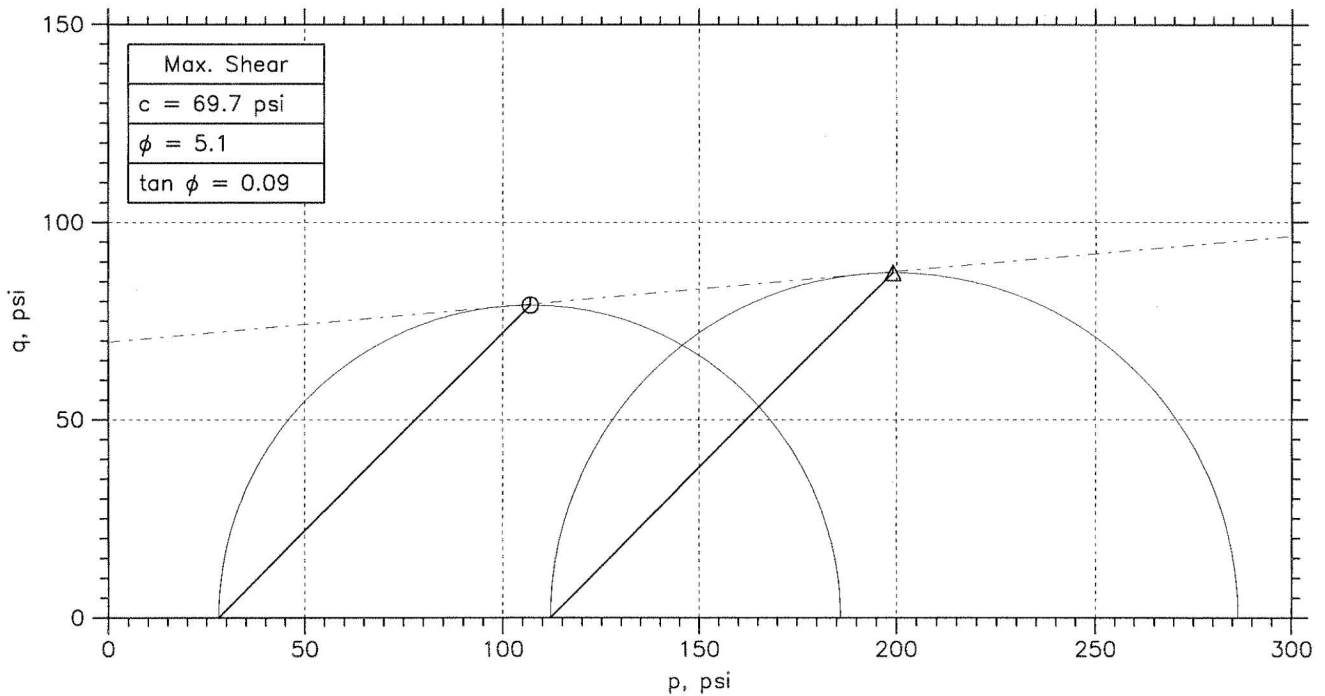
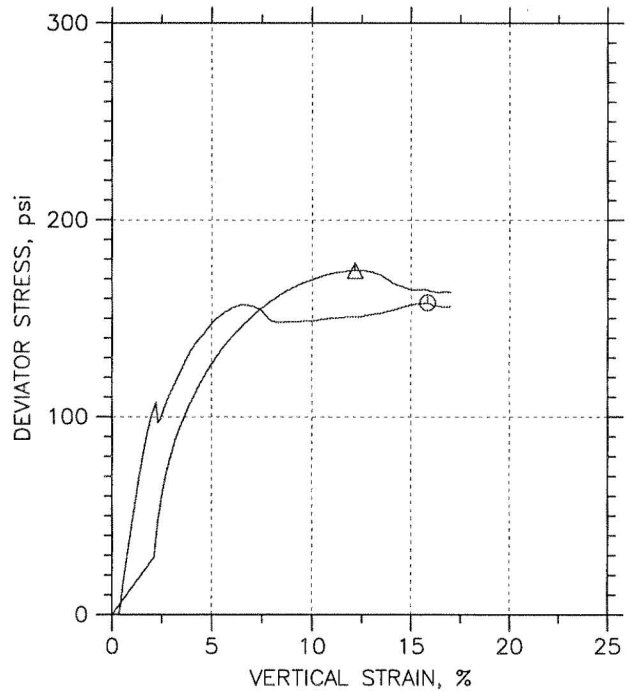
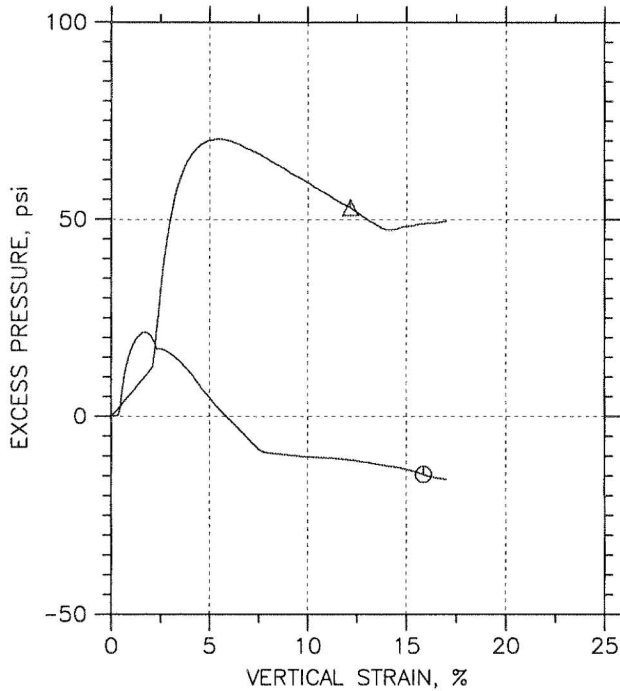
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	○	△		
Sample No.	UD-3	UD-3		
Test No.	7583.1	7583.3		
Depth	103.0 ft	103.0 ft		
Initial	Diameter, in	2.875	2.879	
	Height, in	5.961	5.961	
	Water Content, %	28.2	24.8	
	Dry Density, pcf	92.19	99.28	
	Saturation, %	92.0	96.1	
Before Shear	Void Ratio	0.828	0.698	
	Water Content, %	29.7	23.4	
	Dry Density, pcf	93.49	103.3	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.803	0.632	
Back Press., psi	69.99	38.		
Ver. Eff. Cons. Stress, psi	28.	112.		
Shear Strength, psi	78.96	87.15		
Strain at Failure, %	15.9	12.2		
Strain Rate, %/min	0.05	0.05		
B-Value	0.99	0.93		
Estimated Specific Gravity	2.7	2.7		
Liquid Limit	---	---		
Plastic Limit	---	---		

MACTEC	Project: Vogtle COL				
	Location: B-4018				
	Project No.: 6141060286				
	Boring No.: B-4018				
	Sample Type: Undisturbed				
	Description: Clay (CL) (Visual)				
Remarks:					

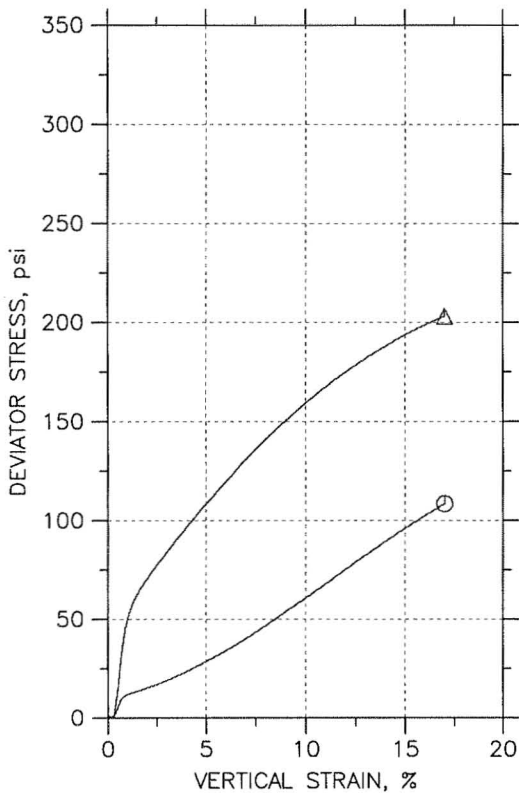
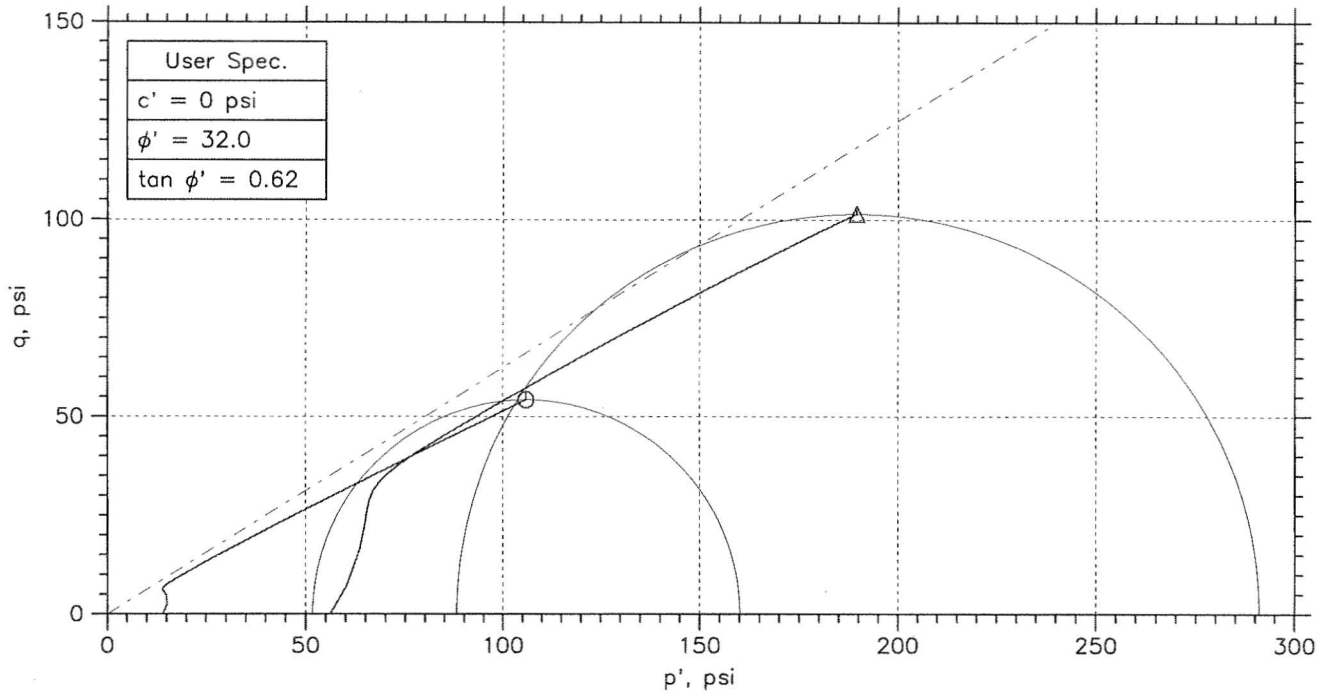
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-3	7583.1	HJ	6/18/07	JW		7583.1_2583.dat
△	UD-3	7583.3	HJ	6/18/07	JW	<i>JW 7/21/07</i>	7583.3_2582a.dat

MACTEC	Project: Vogtle COL	Location: B-4018	Project No.: 6141060286
	Boring No.: B-4018	Sample Type: Undisturbed	
	Description: Clay (CL) (Visual)		
	Remarks:		

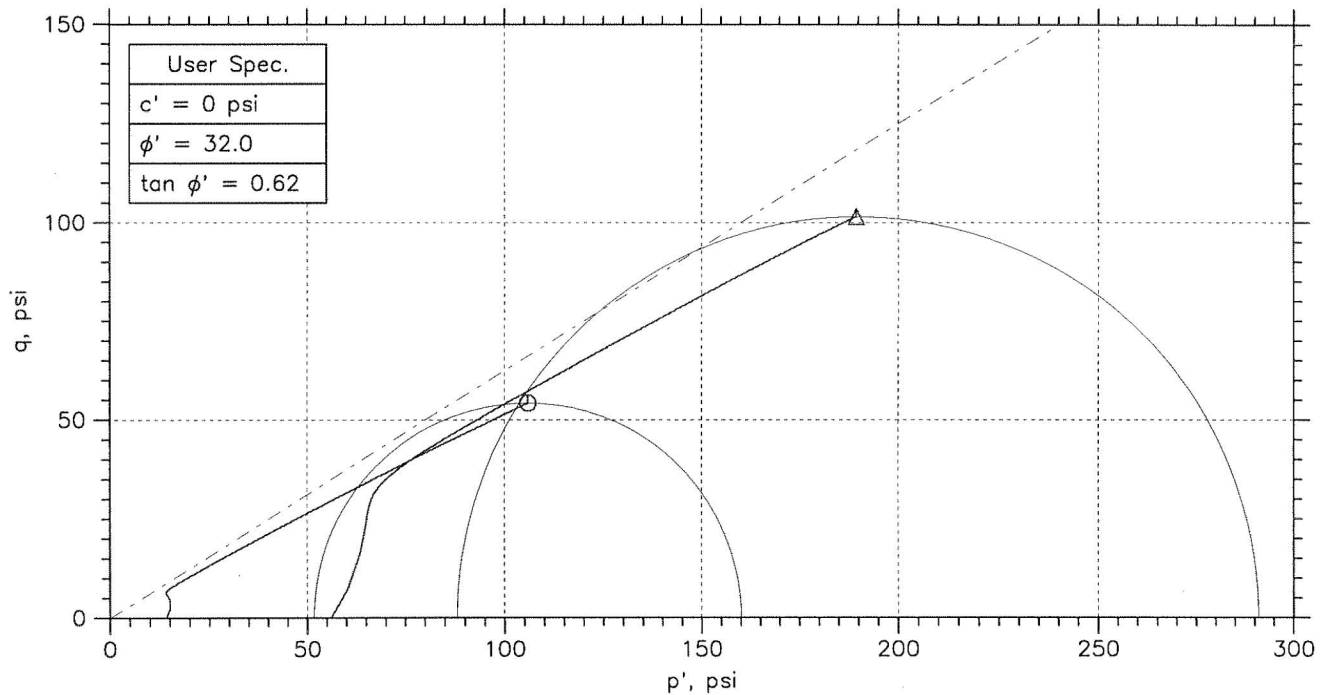
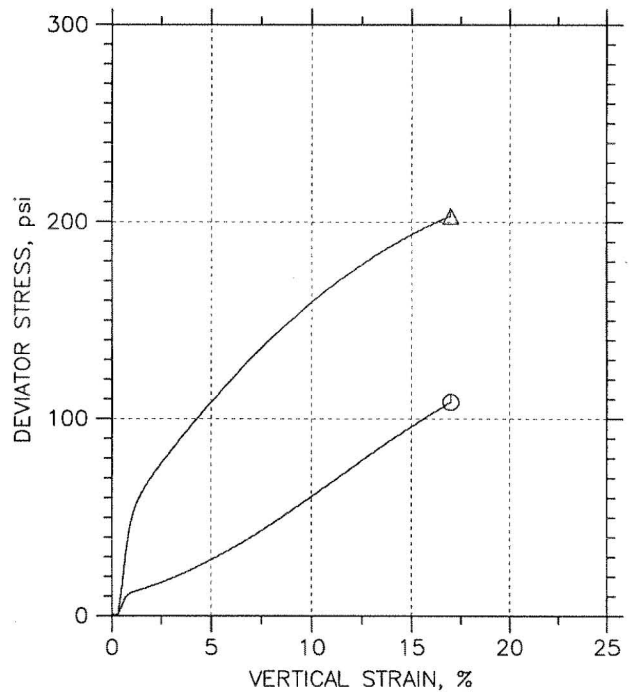
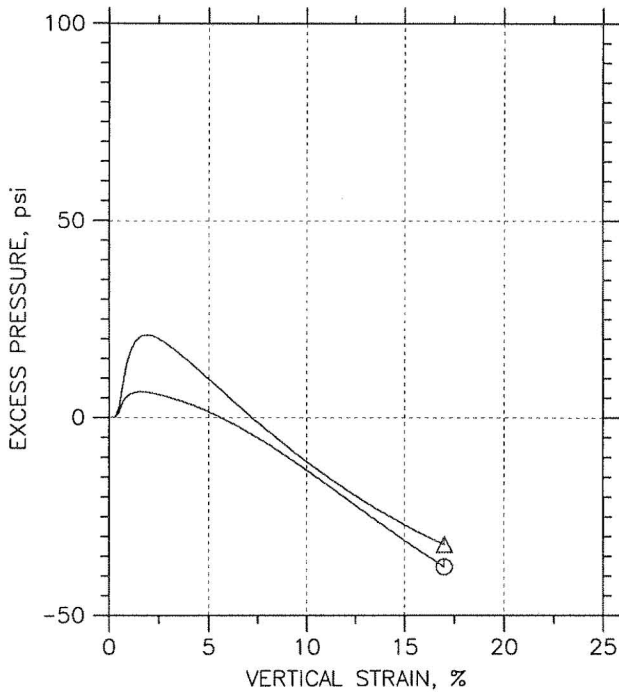
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	⊙	△		
Sample No.	UD-1	UD-1		
Test No.	7604.1	7604.3		
Depth	13.5 ft	13.5 ft		
Initial	Diameter, in	2.82	2.811	
	Height, in	5.621	6	
	Water Content, %	12.2	9.7	
	Dry Density, pcf	100.5	97.4	
	Saturation, %	48.2	35.5	
Before Shear	Void Ratio	0.69	0.743	
	Water Content, %	21.6	23.1	
	Dry Density, pcf	106.9	104.3	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.589	0.627	
	Back Press., psi	170.	136.	
	Ver. Eff. Cons. Stress, psi	14.	56.	
	Shear Strength, psi	54.19	101.4	
	Strain at Failure, %	17	17	
	Strain Rate, %/min	0.1	0.1	
	B-Value	0.98	0.97	
	Measured Specific Gravity	2.72	2.72	
	Liquid Limit	---	---	
	Plastic Limit	---	---	

MACTEC	Project: Votgle COL			
	Location: B-4030			
	Project No.: 6141060286			
	Boring No.: B-4030			
	Sample Type: Undisturbed			
	Description: SAND, with silt (SP-SM) (Visual)			
Remarks:				
1545 of 1625				
Phase calculations based on start and end of test.				
* Saturation is set to 100% for phase calculations.				

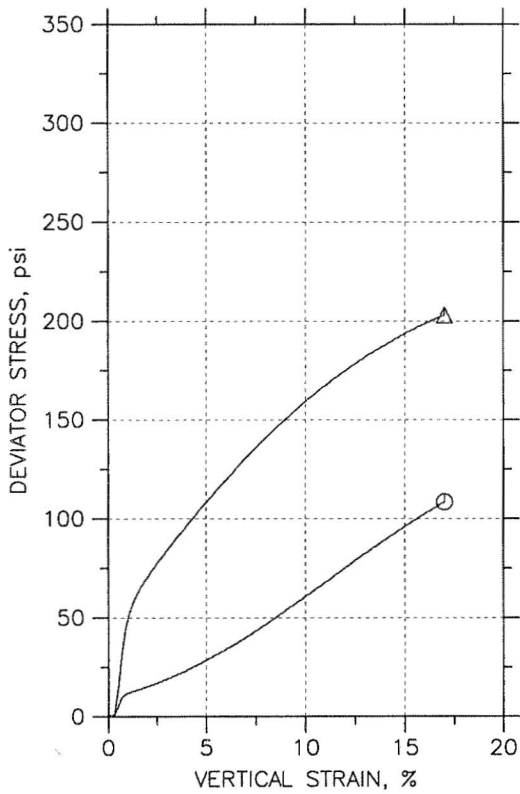
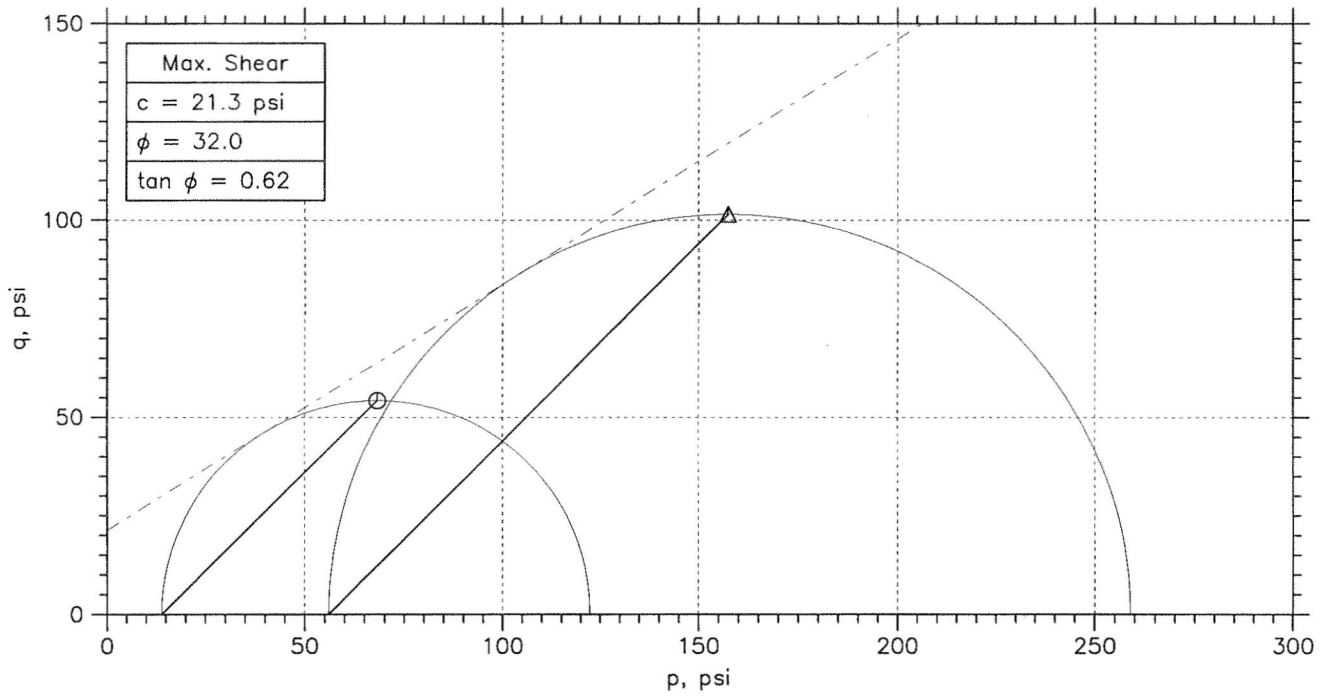
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-1	7604.1	JW	7/26/07	HJ	7/31/07	7604.1_2582.dat
△	UD-1	7604.3	JW	7/26/07	HJ		7604.3_2581.dat

MACTEC	Project: Votgle COL		Location: B-4030		Project No.: 6141060286	
	Boring No.: B-4030		Sample Type: Undisturbed			
	Description: SAND, with silt (SP-SM) (Visual)					
	Remarks:					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



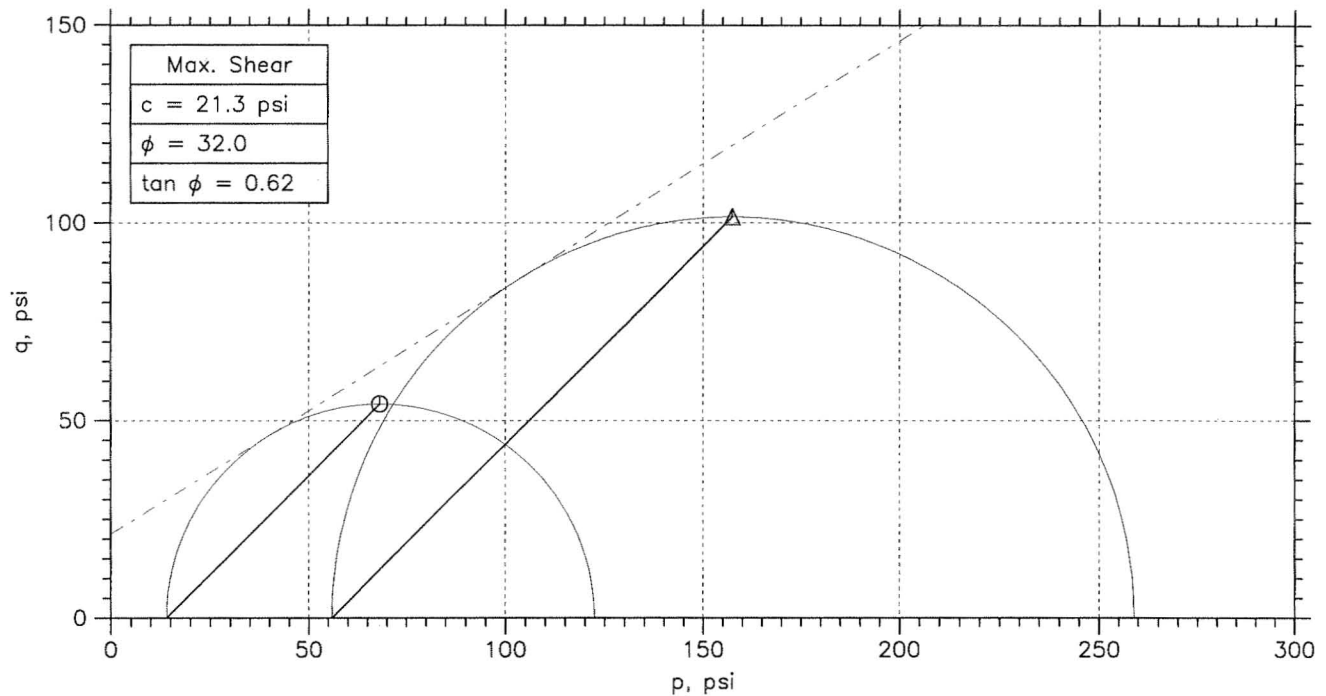
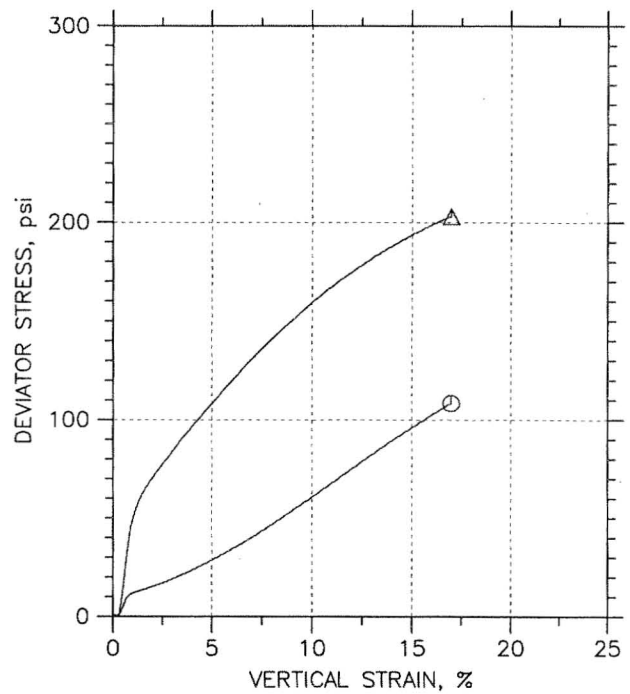
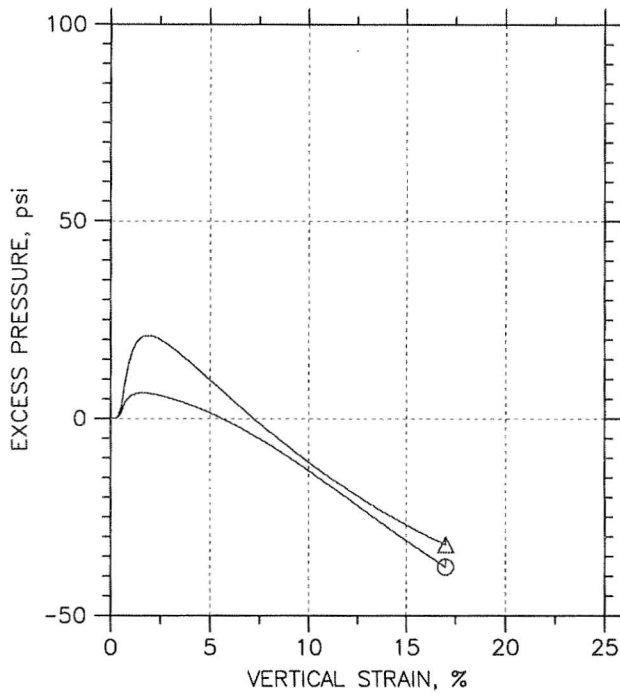
Symbol	⊙	△		
Sample No.	UD-1	UD-1		
Test No.	7604.1	7604.3		
Depth	13.5 ft	13.5 ft		
Initial	Diameter, in	2.82	2.811	
	Height, in	5.621	6	
	Water Content, %	12.2	9.7	
	Dry Density, pcf	100.5	97.4	
	Saturation, %	48.2	35.5	
Before Shear	Void Ratio	0.69	0.743	
	Water Content, %	21.6	23.1	
	Dry Density, pcf	106.9	104.3	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.589	0.627	
	Back Press., psi	170.	136.	
	Ver. Eff. Cons. Stress, psi	14.	56.	
	Shear Strength, psi	54.19	101.4	
	Strain at Failure, %	17	17	
	Strain Rate, %/min	0.1	0.1	
	B-Value	0.98	0.97	
	Measured Specific Gravity	2.72	2.72	
	Liquid Limit	---	---	
	Plastic Limit	---	---	

MACTEC	Project: Votgle COL	
	Location: B-4030	
	Project No.: 6141060286	
	Boring No.: B-4030	
	Sample Type: Undisturbed	
	Description: SAND, with silt (SP-SM) (Visual)	
Remarks:		

Phase calculations based on start and end of test. 1547 of 1625

* Saturation is set to 100% for phase calculations.

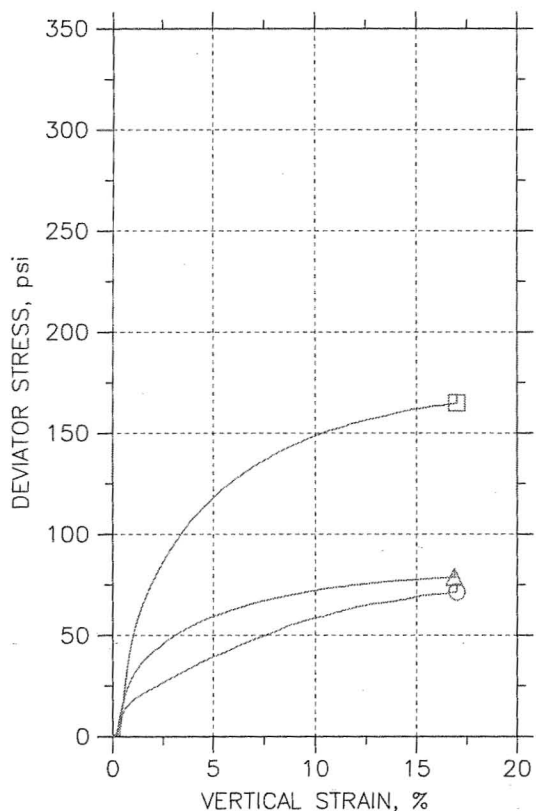
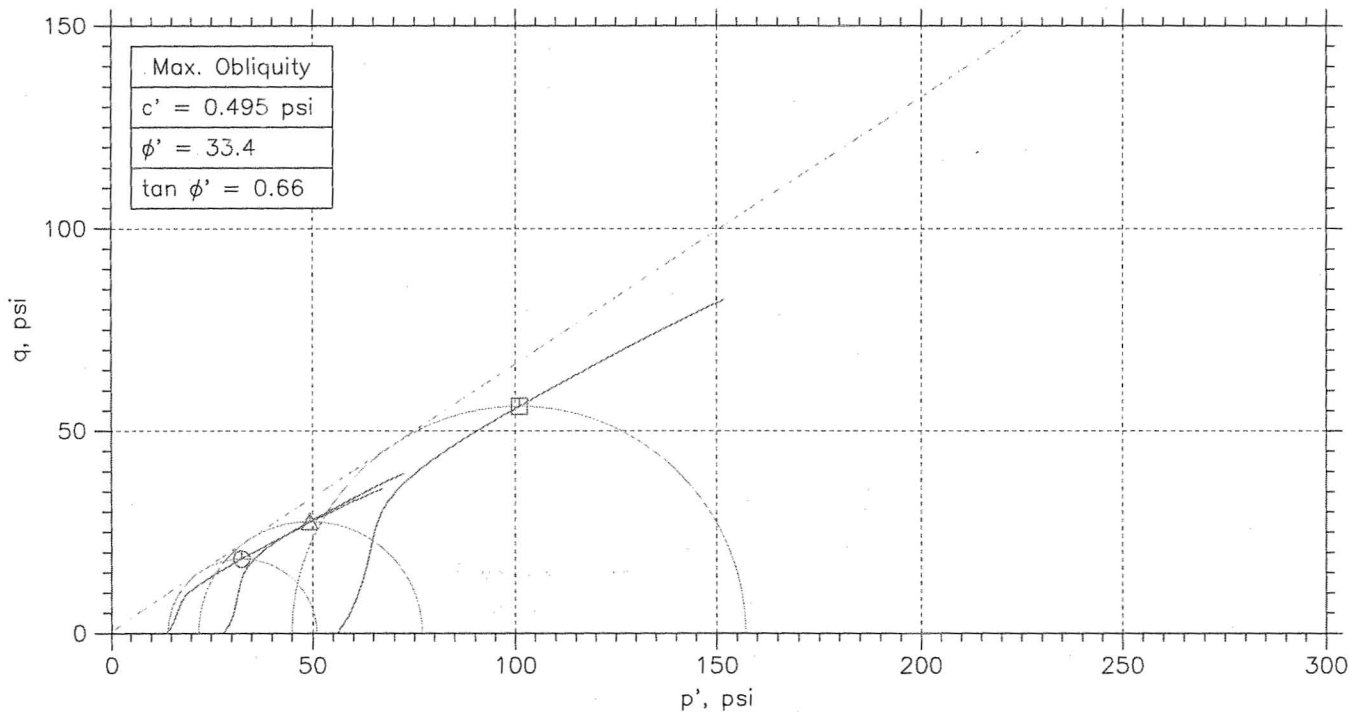
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-1	7604.1	13.5 ft	JW	7/26/07	HJ	7/26/07	7604.1_2582.dat
△	UD-1	7604.3	13.5 ft	JW	7/26/07	HJ	7/26/07	7604.3_2581.dat

MACTEC	Project: Votgle COL		Location: B-4030		Project No.: 6141060286	
	Boring No.: B-4030		Sample Type: Undisturbed			
	Description: SAND, with silt (SP-SM) (Visual)					
	Remarks:					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



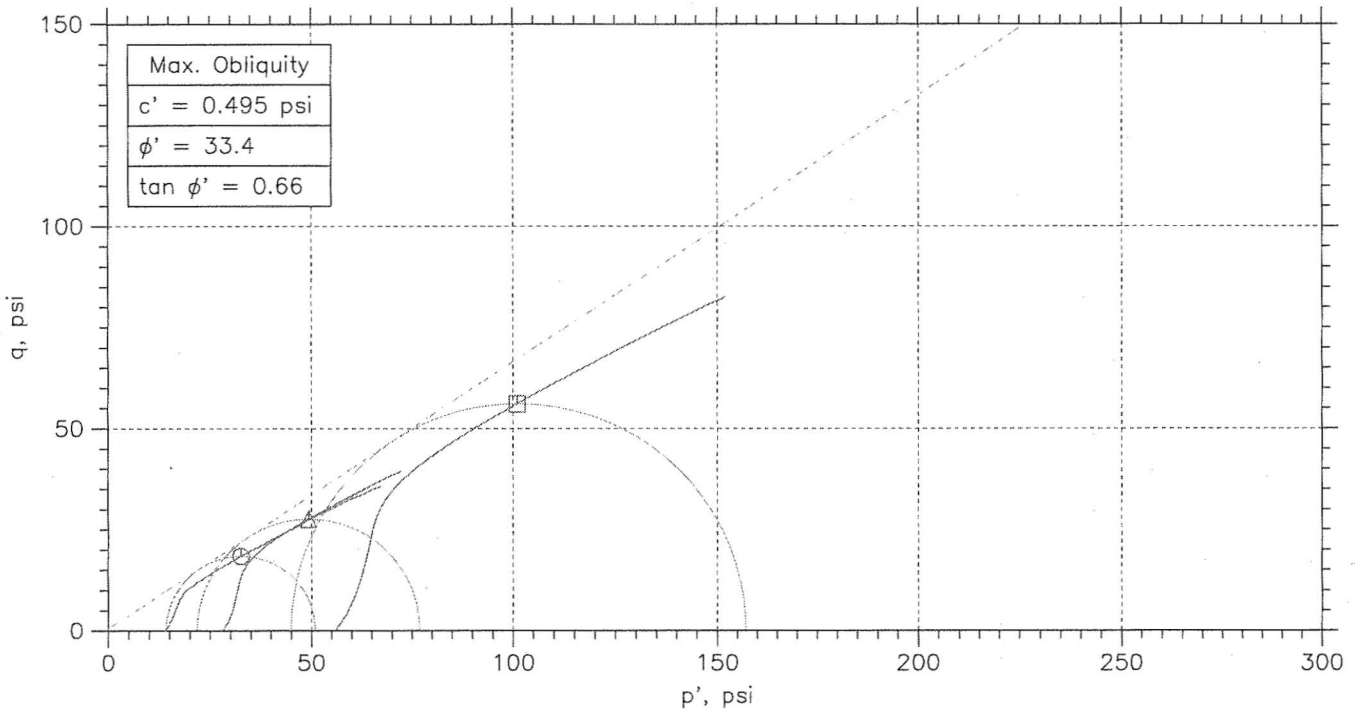
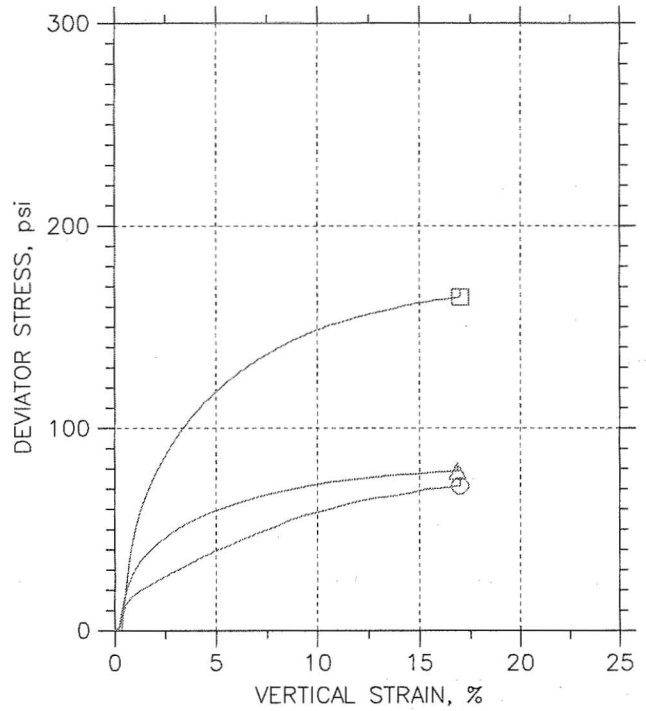
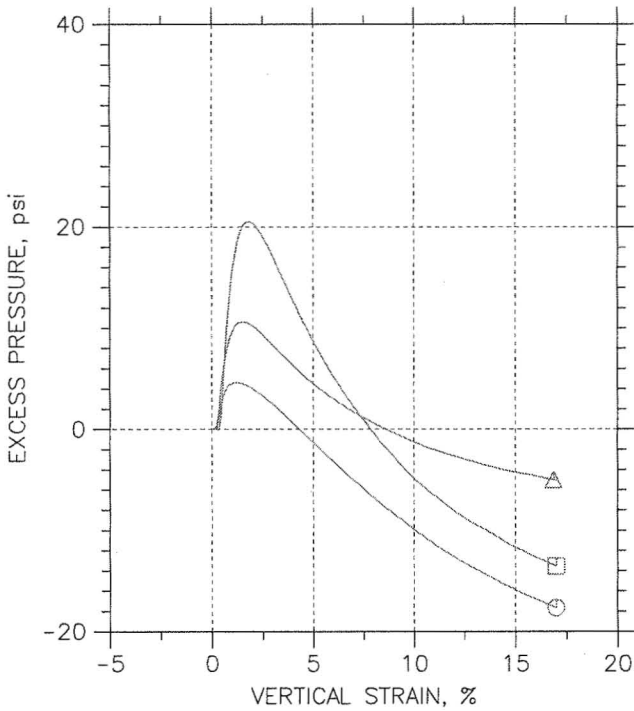
Symbol	⊙	△	□	
Sample No.	UD-2	UD-2	UD-2	
Test No.	7611.1	7611.2	7611.3	
Depth	33.5 ft	33.5 ft	33.5 ft	
Initial	Diameter, in	2.863	2.863	2.865
	Height, in	5.98	5.962	5.962
	Water Content, %	15.8	13.5	13.8
	Dry Density, pcf	103.7	107.2	107.2
	Saturation, %	70.3	65.9	67.3
	Void Ratio	0.595	0.543	0.544
Before Shear	Water Content, %	18.9	18.6	18.1
	Dry Density, pcf	110.2	110.9	111.9
	Saturation*, %	100.0	100.0	100.0
	Void Ratio	0.502	0.492	0.479
	Back Press., psi	100.	57.99	89.99
Ver. Eff. Cons. Stress, psi	14.	28.01	56.01	
Shear Strength, psi	35.7	39.37	82.43	
Strain at Failure, %	17	16.9	17	
Strain Rate, %/min	0.05	0.05	0.05	
B-Value	0.95	0.96	0.97	
Estimated Specific Gravity	2.65	2.65	2.65	
Liquid Limit	---	---	---	
Plastic Limit	---	---	---	

MACTEC	Project: Vogtle COL	
	Location: B-4031	
	Project No.: 6141060286	
	Boring No.: B-4031	
	Sample Type: Undisturbed	
	Description: Sand, silty (SM) (Visual)	
Remarks:		

Phase calculations based on start ~~1549~~ of ~~1625~~ test.

* Saturation is set to 100% for phase calculations.

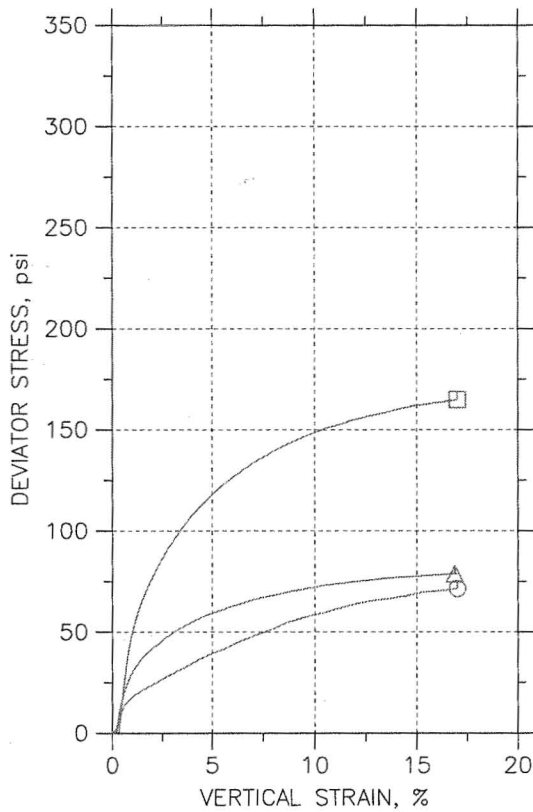
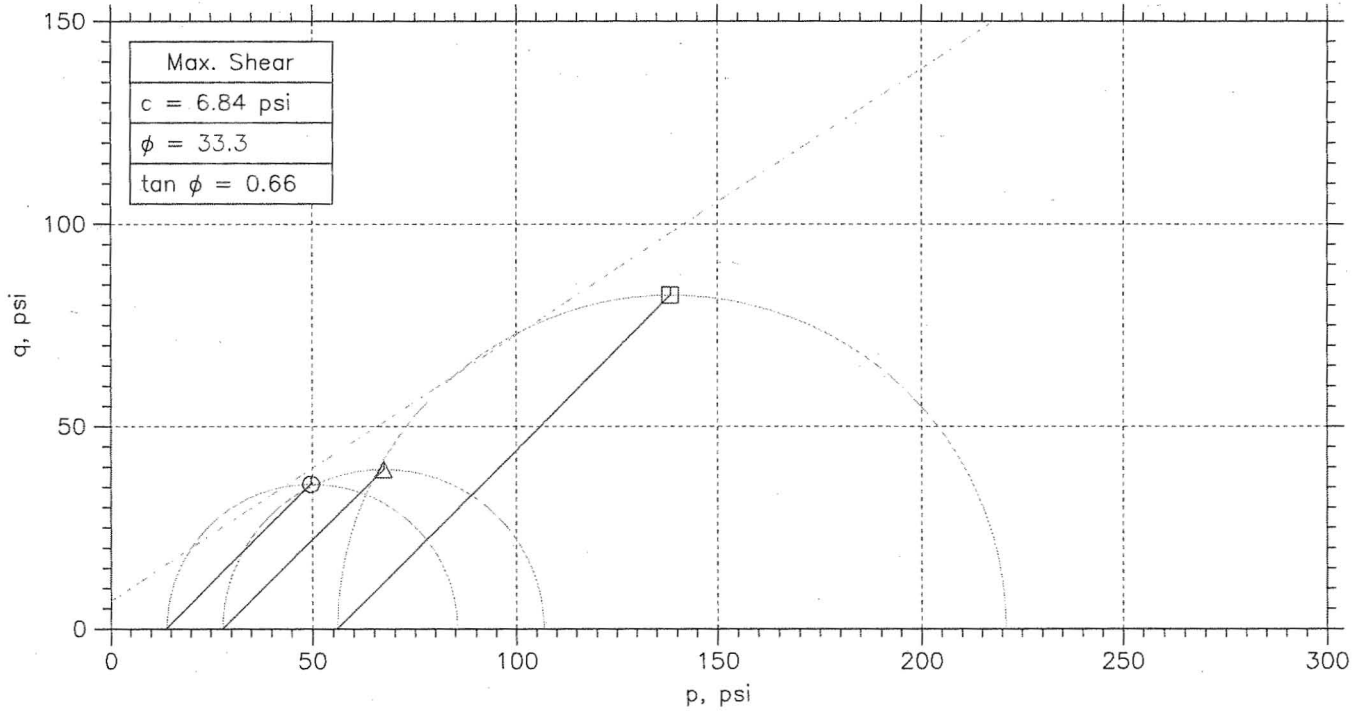
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
○	UD-2	7611.1	33.5 ft	HJ	6/21/07	JW		7611.1_2582.dat
△	UD-2	7611.2	33.5 ft	HJ	6/19/07	JW	JW 7/31/07	7611.2_2583.dat
□	UD-2	7611.3	33.5 ft	HJ	6/19/07	JW		7611.3_2581.dat

MACTEC	Project: Vogtle COL	Location: B-4031	Project No.: 6141060286
	Boring No.: B-4031	Sample Type: Undisturbed	
	Description: Sand, silty (SM) (Visual)		
	Remarks: 1550 of 1625		

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



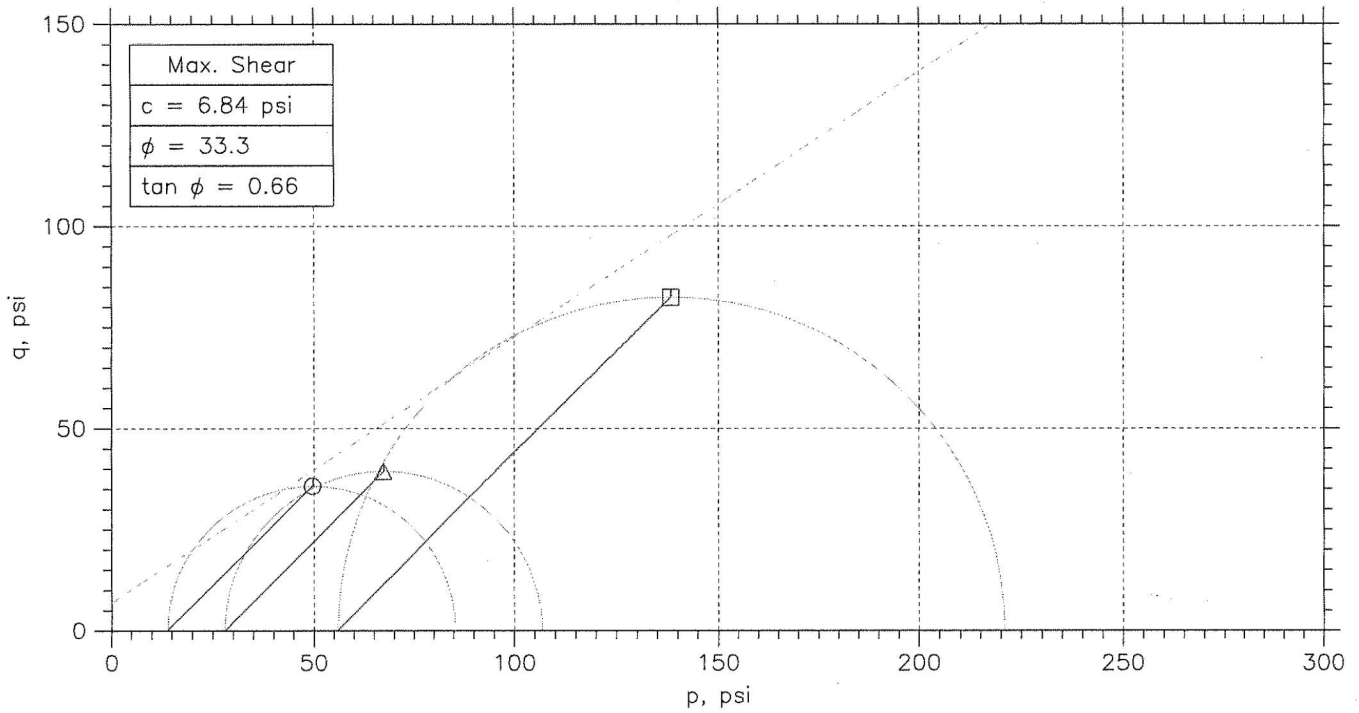
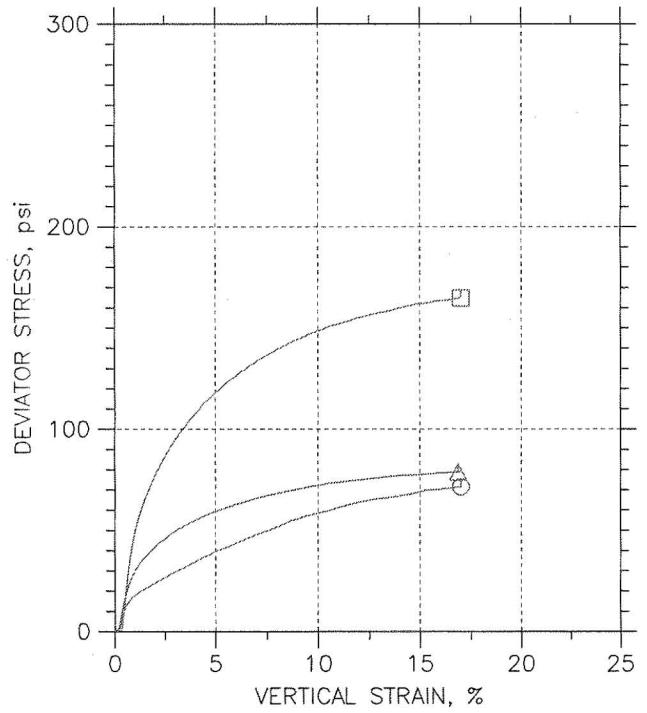
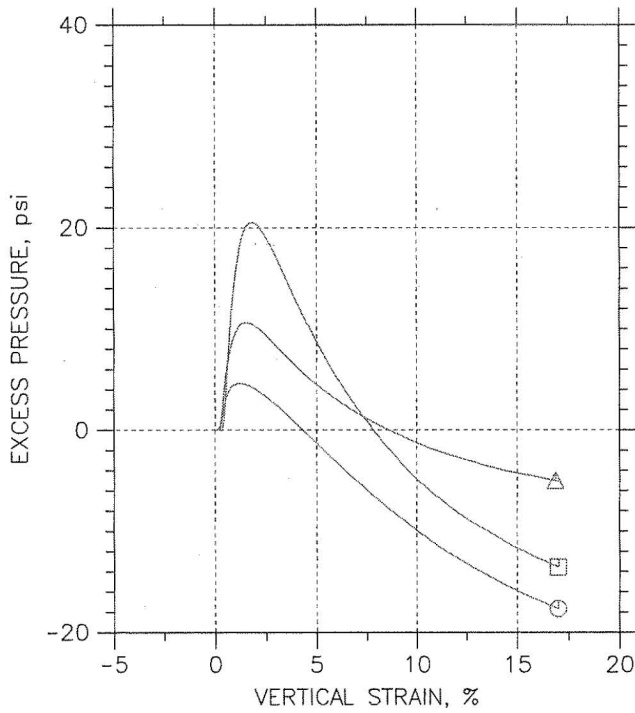
Symbol	⊙	△	□	
Sample No.	UD-2	UD-2	UD-2	
Test No.	7611.1	7611.2	7611.3	
Depth	33.5 ft	33.5 ft	33.5 ft	
Initial	Diameter, in	2.863	2.863	2.865
	Height, in	5.98	5.962	5.962
	Water Content, %	15.8	13.5	13.8
	Dry Density, pcf	103.7	107.2	107.2
	Saturation, %	70.3	65.9	67.3
Before Shear	Void Ratio	0.595	0.543	0.544
	Water Content, %	18.9	18.6	18.1
	Dry Density, pcf	110.2	110.9	111.9
	Saturation*, %	100.0	100.0	100.0
	Void Ratio	0.502	0.492	0.479
Back Press., psi	100.	57.99	89.99	
Ver. Eff. Cons. Stress, psi	14.	28.01	56.01	
Shear Strength, psi	35.7	39.37	82.43	
Strain at Failure, %	17	16.9	17	
Strain Rate, %/min	0.05	0.05	0.05	
B-Value	0.95	0.96	0.97	
Estimated Specific Gravity	2.65	2.65	2.65	
Liquid Limit	---	---	---	
Plastic Limit	---	---	---	

MACTEC	Project: Vogtle COL	
	Location: B-4031	
	Project No.: 6141060286	
	Boring No.: B-4031	
	Sample Type: Undisturbed	
	Description: Sand, silty (SM) (Visual)	
Remarks:	1551 of 1625	

Phase calculations based on start and end of test.

Saturation is set to 100% for phase calculations.

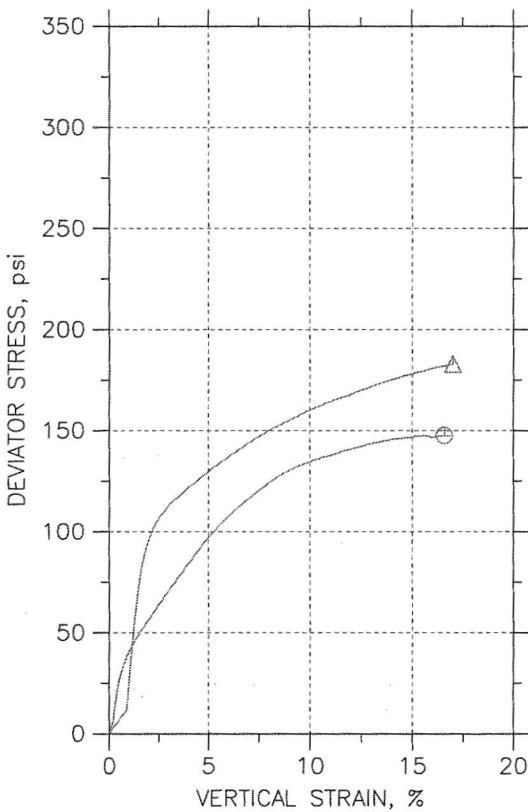
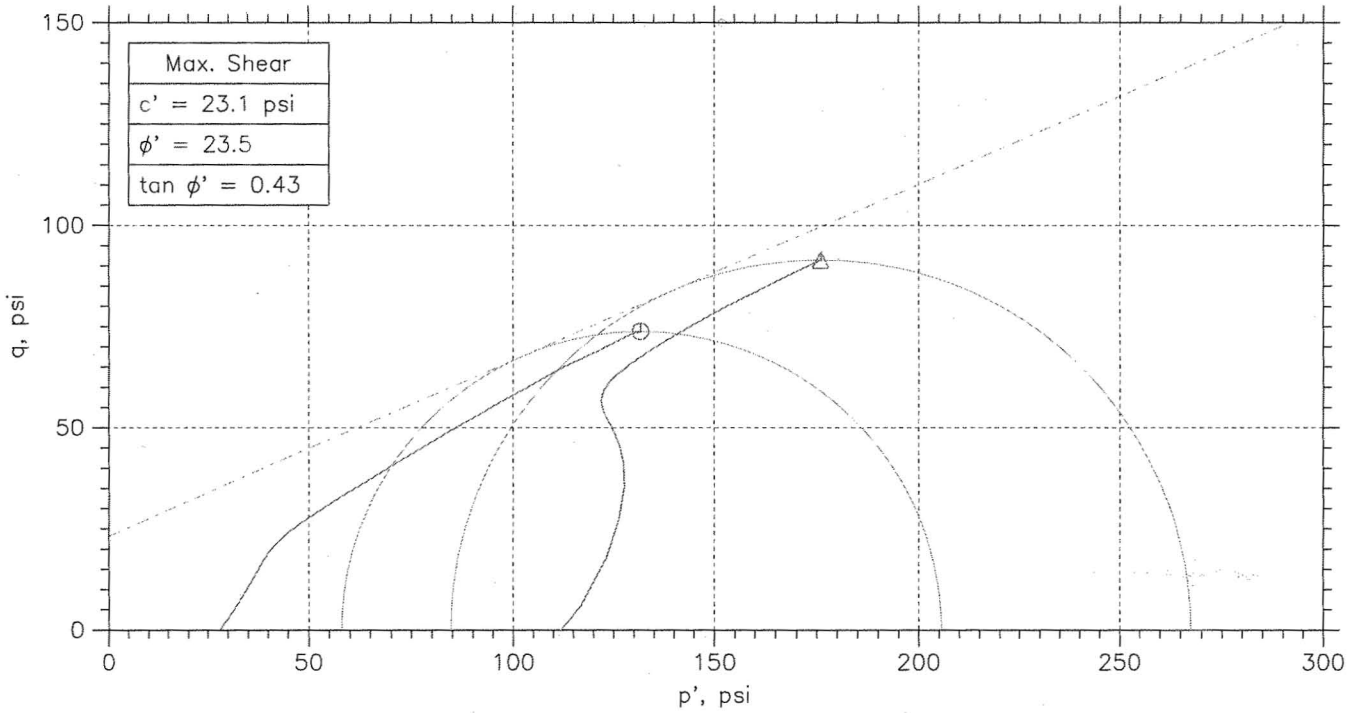
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-2	7611.1	33.5 ft	HJ	6/21/07	JW	7611.1_2582.dat
△	UD-2	7611.2	33.5 ft	HJ	6/19/07	JW	7611.2_2583.dat
□	UD-2	7611.3	33.5 ft	HJ	6/19/07	JW	7611.3_2581.dat

MACTEC	Project: Vogtle COL		Location: B-4031		Project No.: 6141060286	
	Boring No.: B-4031		Sample Type: Undisturbed			
	Description: Sand, silty (SM) (Visual)					
	Remarks: 1552 of 1625					

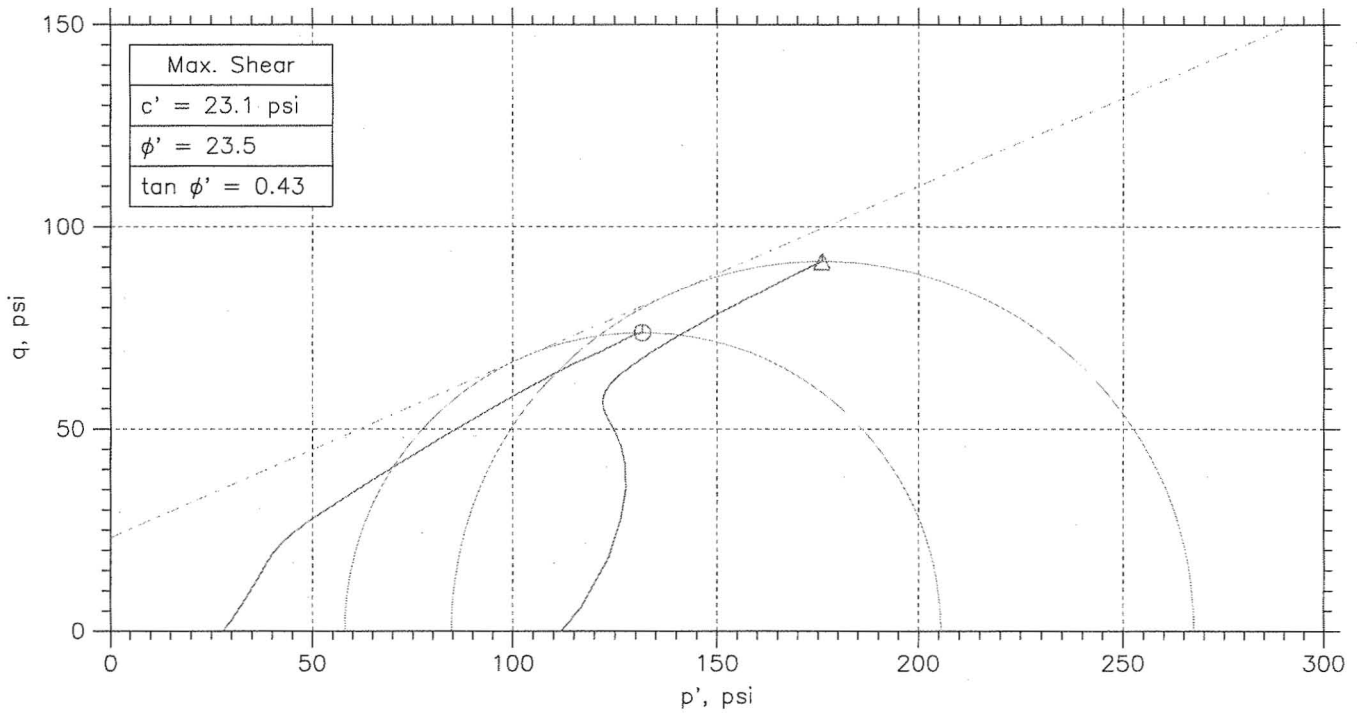
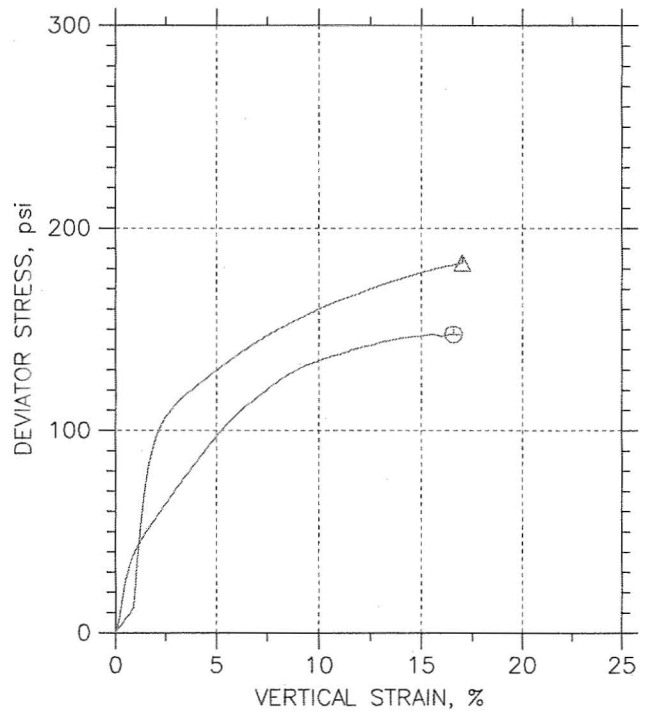
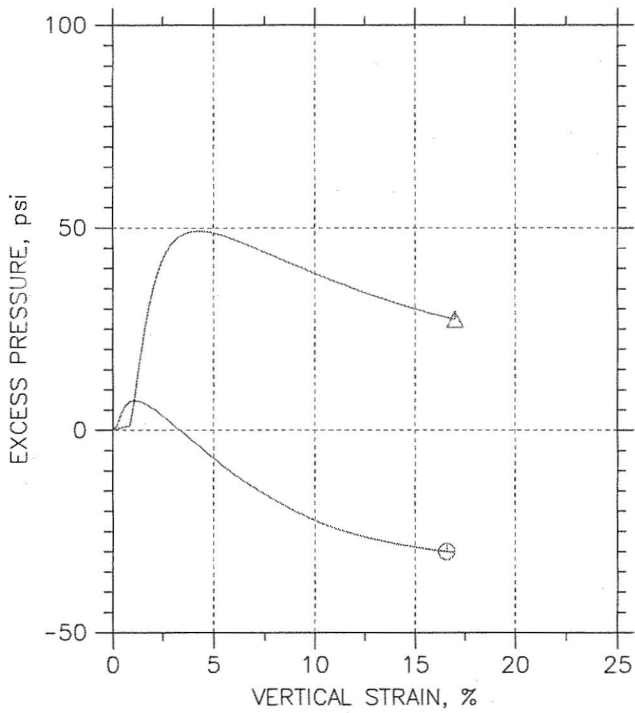
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	⊙	△		
Sample No.	UD-3	UD-3		
Test No.	7612.1	7612.3		
Depth	38.5 ft	38.5 ft		
Initial	Diameter, in	2.82	2.822	
	Height, in	5.606	5.607	
	Water Content, %	21.1	17.6	
	Dry Density, pcf	96.69	94.74	
	Saturation, %	78.6	62.6	
Before Shear	Void Ratio	0.711	0.746	
	Water Content, %	23.9	25.1	
	Dry Density, pcf	101.2	99.29	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.634	0.666	
Back Press., psi	40.01	69.99		
Ver. Eff. Cons. Stress, psi	27.98	112.		
Shear Strength, psi	73.76	91.42		
Strain at Failure, %	16.6	17		
Strain Rate, %/min	0.1	0.1		
B-Value	1.11	0.92		
Estimated Specific Gravity	2.65	2.65		
Liquid Limit	---	---		
Plastic Limit	---	---		

MACTEC	Project: Vogtle COL	
	Location: B-4031	
	Project No.: 6141060286	
	Boring No.: B-4031	
	Sample Type: Undisturbed	
	Description: SAND, silty (SM) (Visual)	
Remarks:		

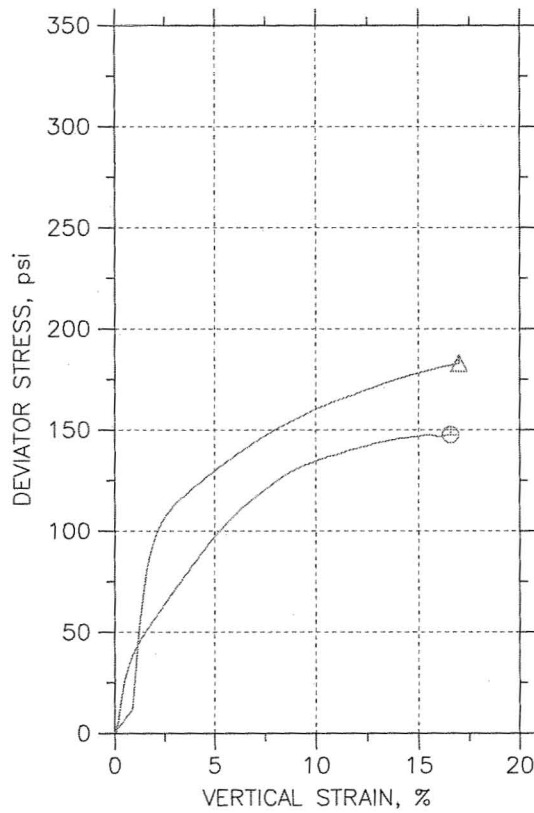
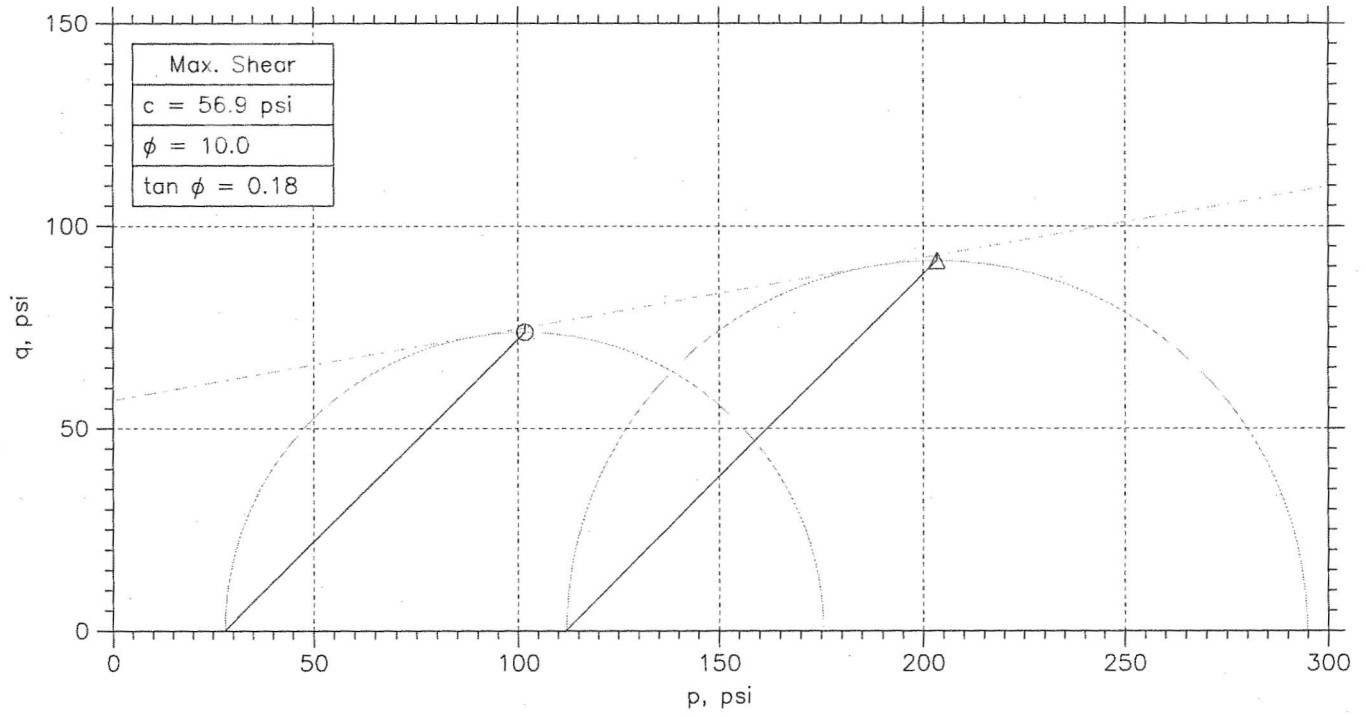
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-3	7612.1	38.5 ft	HJ	7/13/07	JW		7612.1_2583a.dat
△	UD-3	7612.3	38.5 ft	HJ	7/13/07	JW	<i>JW 7/31/07</i>	7612.3_2582a.dat

MACTEC	Project: Vogtle COL		Location: B-4031		Project No.: 6141060286	
	Boring No.: B-4031		Sample Type: Undisturbed			
	Description: SAND, silty (SM) (Visual)					
	Remarks: 1554 of 1625					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



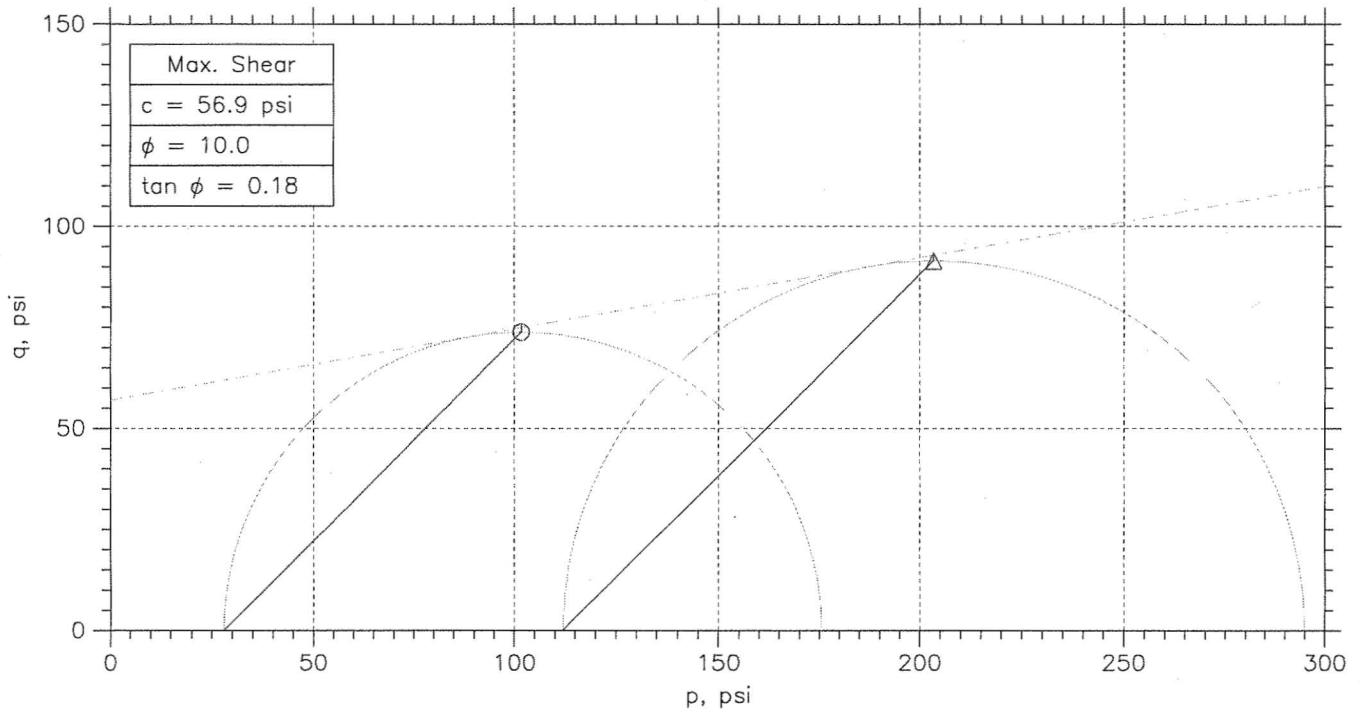
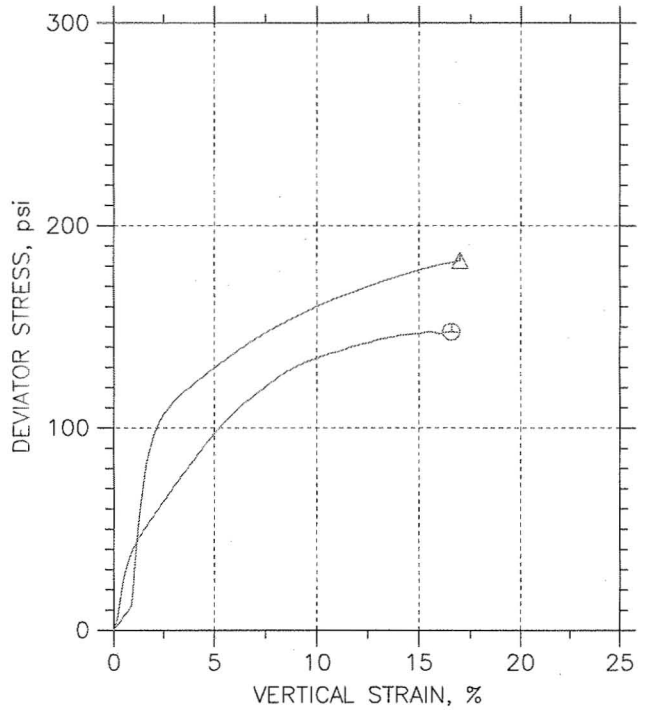
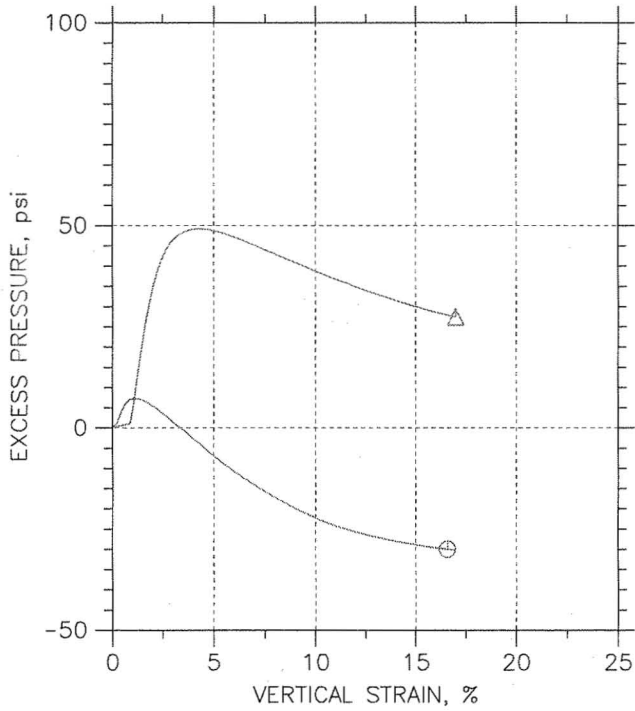
Symbol	⊙	△		
Sample No.	UD-3	UD-3		
Test No.	7612.1	7612.3		
Depth	38.5 ft	38.5 ft		
Initial	Diameter, in	2.82	2.822	
	Height, in	5.606	5.607	
	Water Content, %	21.1	17.6	
	Dry Density, pcf	96.69	94.74	
	Saturation, %	78.6	62.6	
Before Shear	Void Ratio	0.711	0.746	
	Water Content, %	23.9	25.1	
	Dry Density, pcf	101.2	99.29	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.634	0.666	
	Back Press., psi	40.01	69.99	
	Ver. Eff. Cons. Stress, psi	27.98	112.	
	Shear Strength, psi	73.76	91.42	
	Strain at Failure, %	16.6	17	
	Strain Rate, %/min	0.1	0.1	
	B-Value	1.11	0.92	
	Estimated Specific Gravity	2.65	2.65	
	Liquid Limit	---	---	
	Plastic Limit	---	---	

MACTEC	Project: Vogtle COL	
	Location: B-4031	
	Project No.: 6141060286	
	Boring No.: B-4031	
	Sample Type: Undisturbed	
	Description: SAND, silty (SM) (Visual)	
Remarks:		

Phase calculations based on start of shear test.

* Saturation is set to 100% for phase calculations.

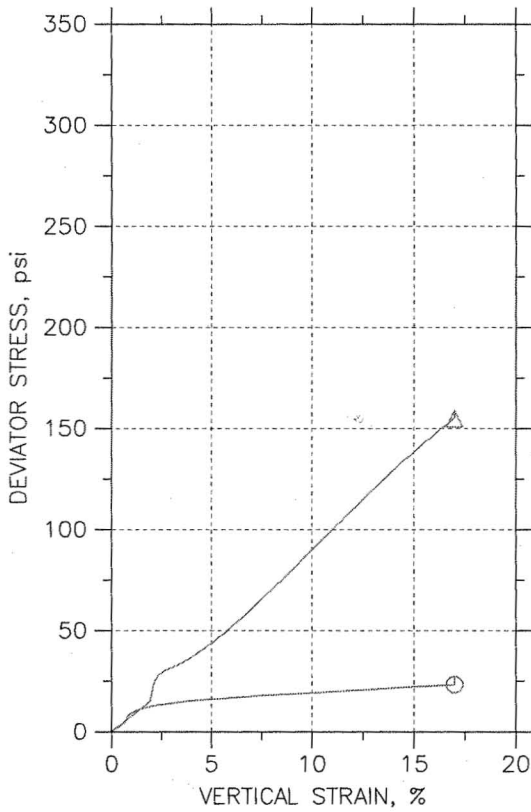
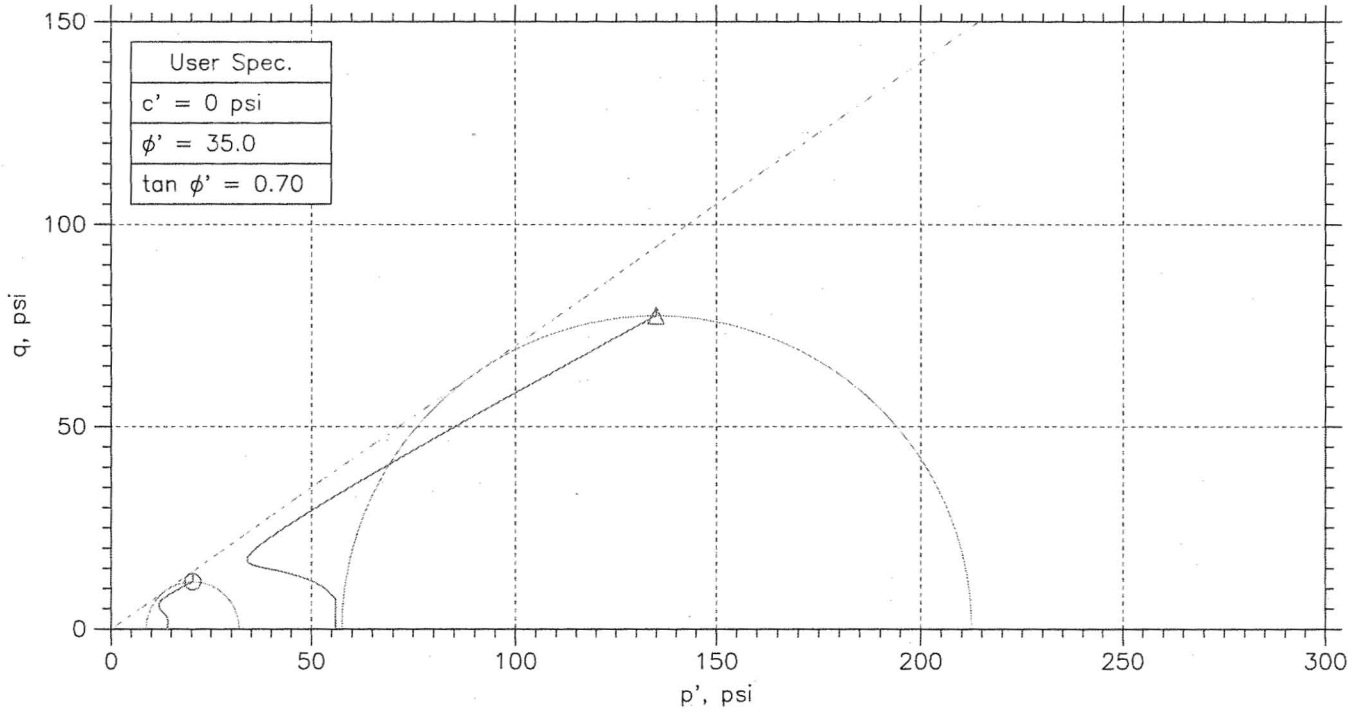
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-3	7612.1	38.5 ft	HJ	7/13/07	JW		7612.1_2583a.dat
△	UD-3	7612.3	38.5 ft	HJ	7/13/07	JW	<i>JW 7/21/07</i>	7612.3_2582a.dat

MACTEC	Project: Vogtle COL		Location: B-4031		Project No.: 6141060286	
	Boring No.: B-4031		Sample Type: Undisturbed			
	Description: SAND, silty (SM) (Visual)					
	Remarks: 1556 of 1625					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767

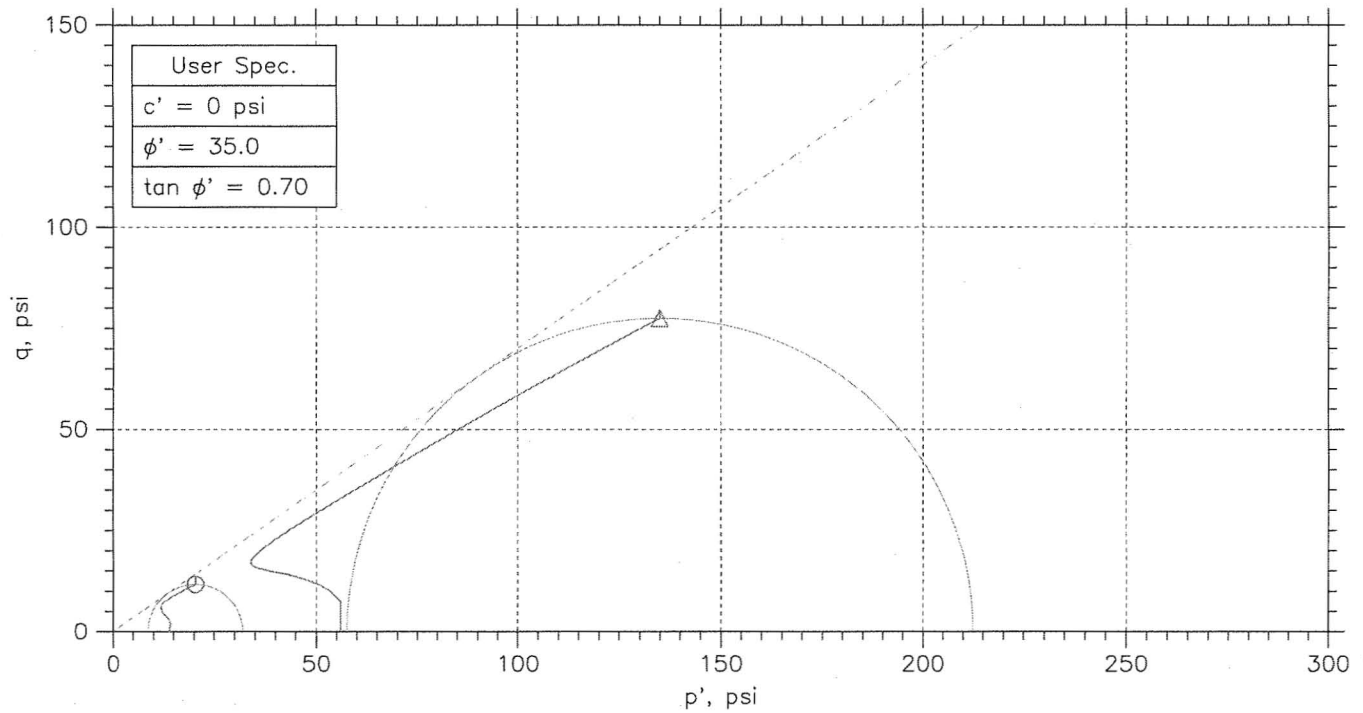
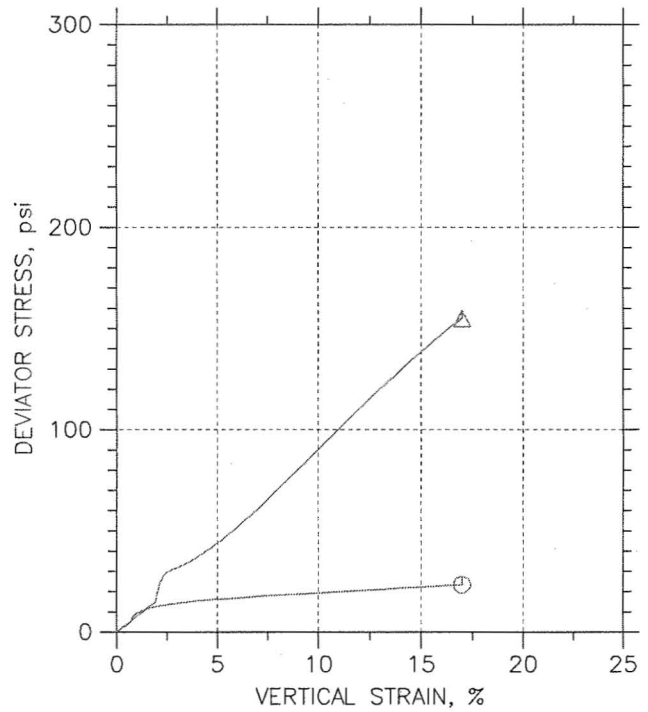
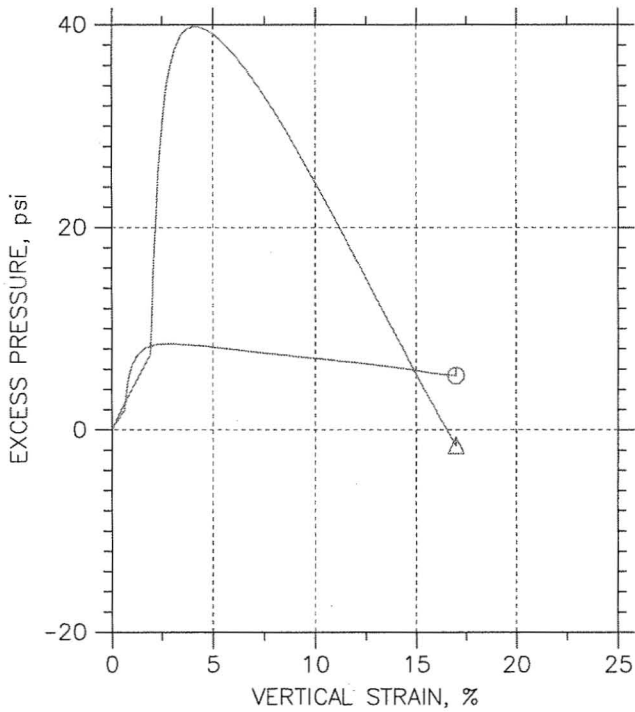


Symbol	⊙	△		
Sample No.	UD-2	UD-2		
Test No.	7614.1	7614.3		
Depth	33.5 ft	33.5 ft		
Initial	Diameter, in	2.867	2.878	
	Height, in	5.982	5.982	
	Water Content, %	27.3	11.6	
	Dry Density, pcf	96.29	108.1	
	Saturation, %	100.9	57.9	
Before Shear	Void Ratio	0.718	0.53	
	Water Content, %	22.7	17.3	
	Dry Density, pcf	103.4	113.4	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.6	0.459	
Back Press., psi	67.99	77.99		
Ver. Eff. Cons. Stress, psi	14.	56.01		
Shear Strength, psi	11.65	77.42		
Strain at Failure, %	17	17		
Strain Rate, %/min	0.05	0.05		
B-Value	0.98	0.98		
Estimated Specific Gravity	2.65	2.65		
Liquid Limit	---	---		
Plastic Limit	---	---		

MACTEC	Project: Vogtle COL	
	Location: B-4032	
	Project No.: 6141060286	
	Boring No.: B-4032	
	Sample Type: Undisturbed	
	Description: Sand, silty (SM) (Visual)	
Remarks:	1557 of 1625	

Phase calculations based on start and end of test.

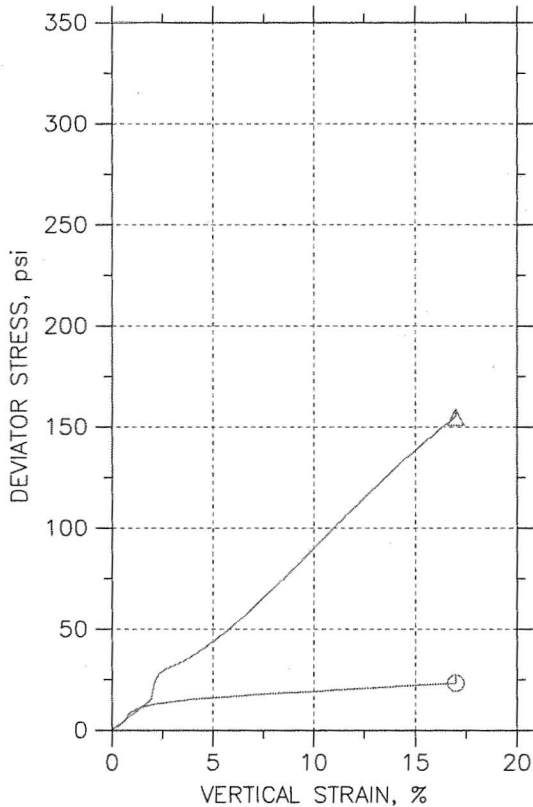
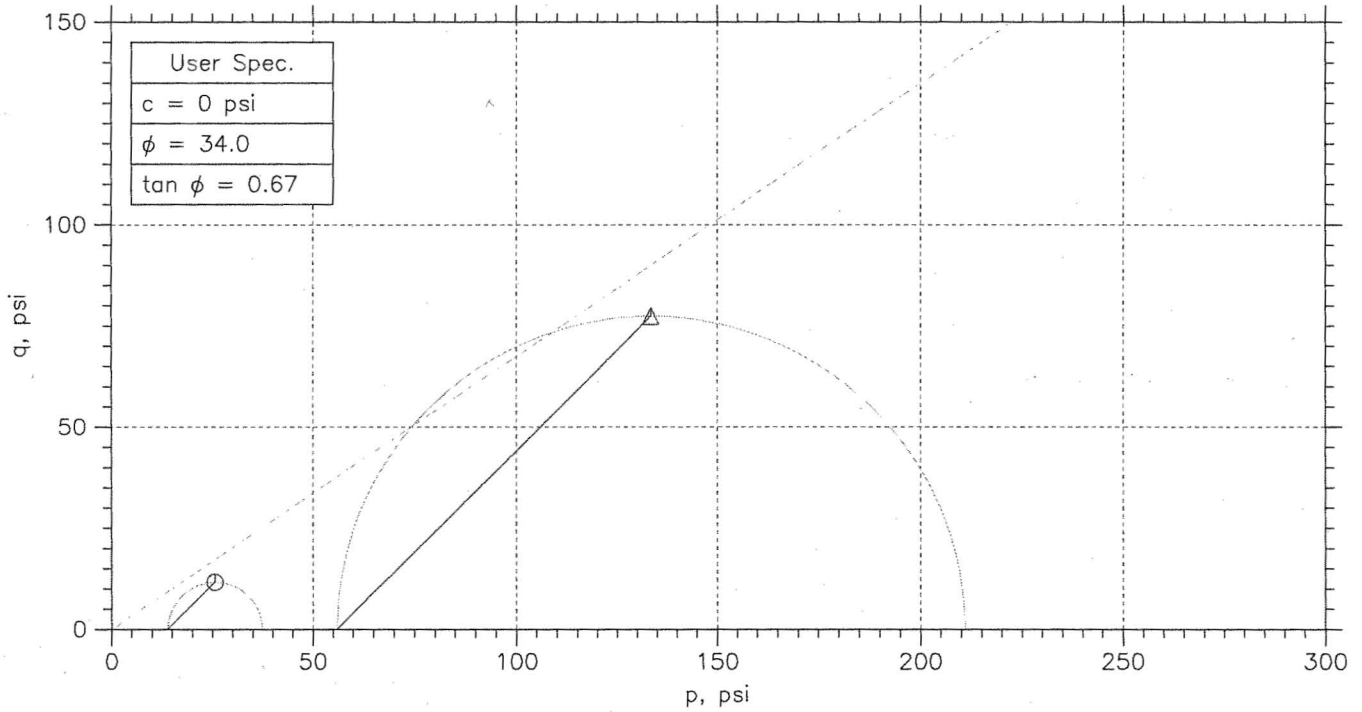
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
○	UD-2	7614.1	33.5 ft	HJ	6/21/07	JW		7614.1_2547a.dat
△	UD-2	7614.3	33.5 ft	HJ	6/21/07	JW	7/31/07	7614.3_2545a.dat

MACTEC	Project: Vogtle COL		Location: B-4032		Project No.: 6141060286	
	Boring No.: B-4032		Sample Type: Undisturbed			
	Description: Sand, silty (SM) (Visual)					
	Remarks: 1558 of 1625					

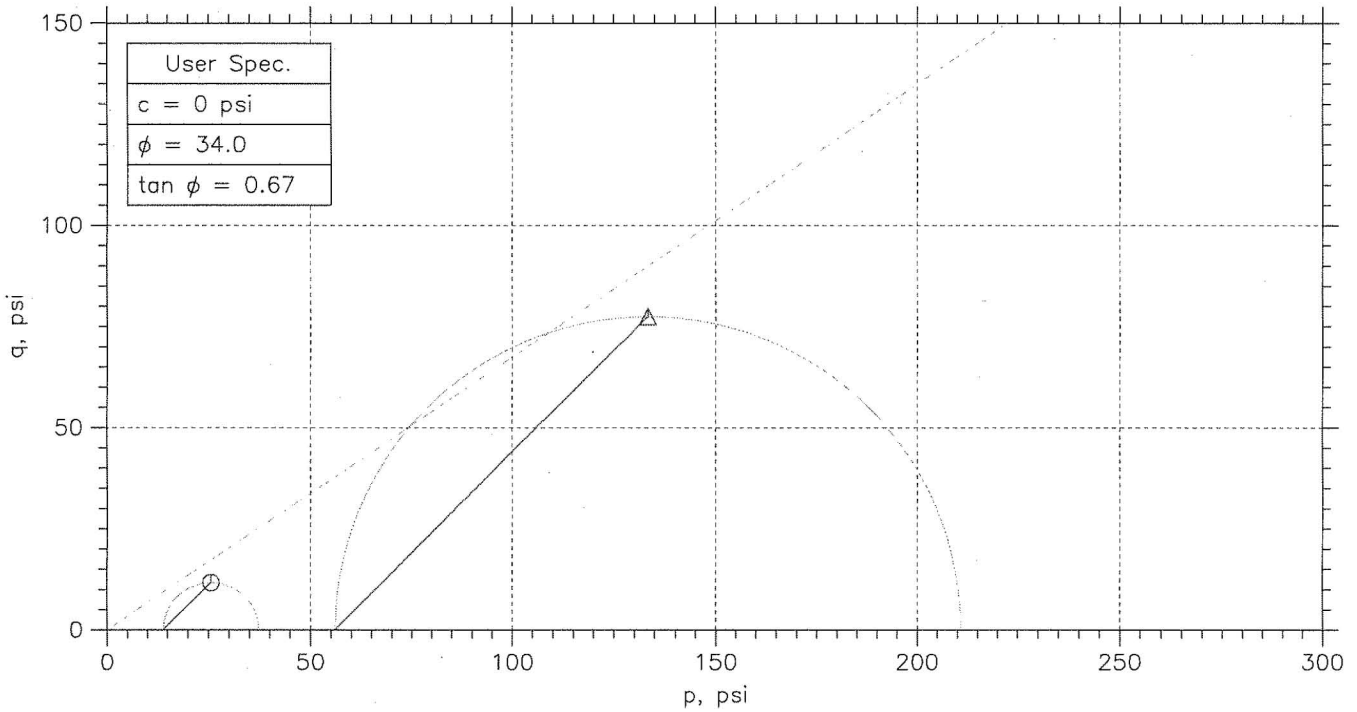
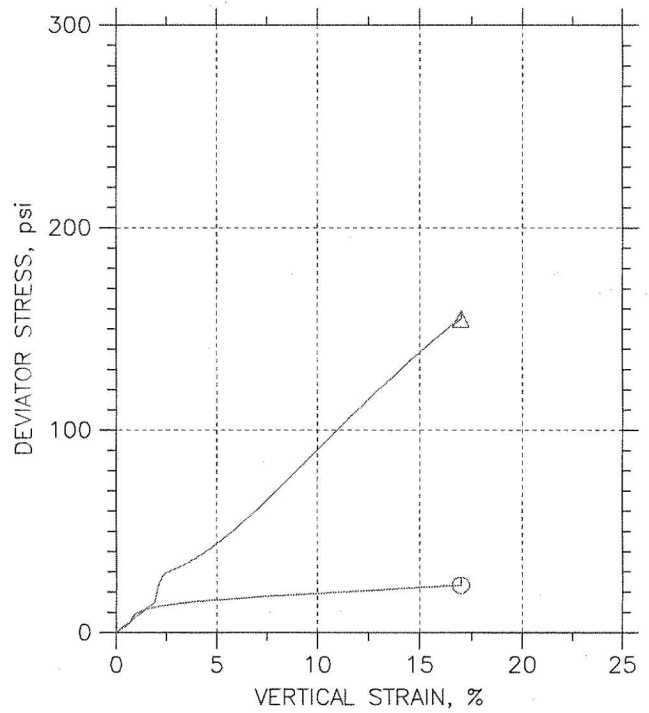
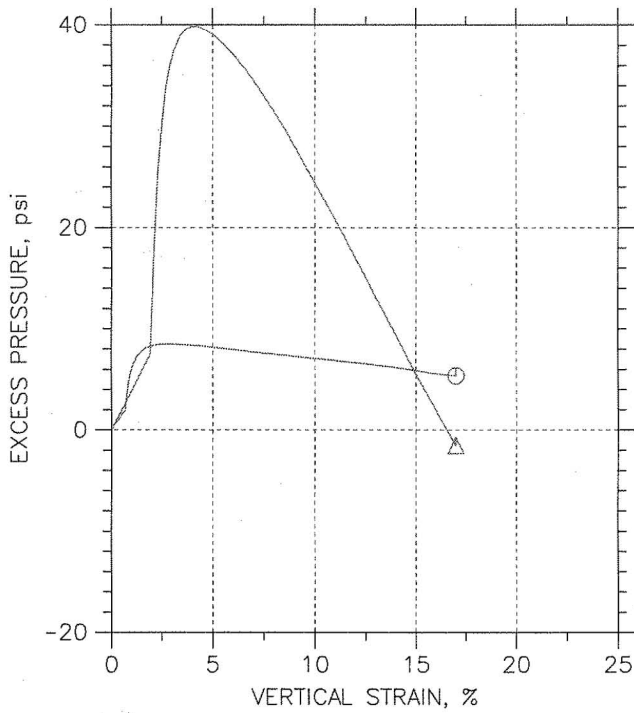
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	⊙	△		
Sample No.	UD-2	UD-2		
Test No.	7614.1	7614.3		
Depth	33.5 ft	33.5 ft		
Initial	Diameter, in	2.867	2.878	
	Height, in	5.982	5.982	
	Water Content, %	27.3	11.6	
	Dry Density, pcf	96.29	108.1	
	Saturation, %	100.9	57.9	
Before Shear	Void Ratio	0.718	0.53	
	Water Content, %	22.7	17.3	
	Dry Density, pcf	103.4	113.4	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.6	0.459	
Back Press., psi	67.99	77.99		
Ver. Eff. Cons. Stress, psi	14.	56.01		
Shear Strength, psi	11.65	77.42		
Strain at Failure, %	17	17		
Strain Rate, %/min	0.05	0.05		
B-Value	0.98	0.98		
Estimated Specific Gravity	2.65	2.65		
Liquid Limit	---	---		
Plastic Limit	---	---		

MACTEC	Project: Vogtle COL	
	Location: B-4032	
	Project No.: 6141060286	
	Boring No.: B-4032	
	Sample Type: Undisturbed	
	Description: Sand, silty (SM) (Visual)	
Remarks:		

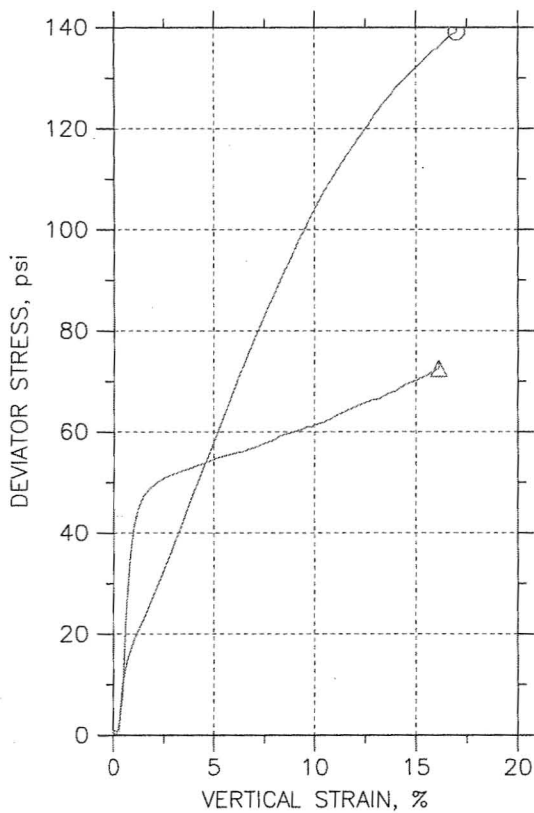
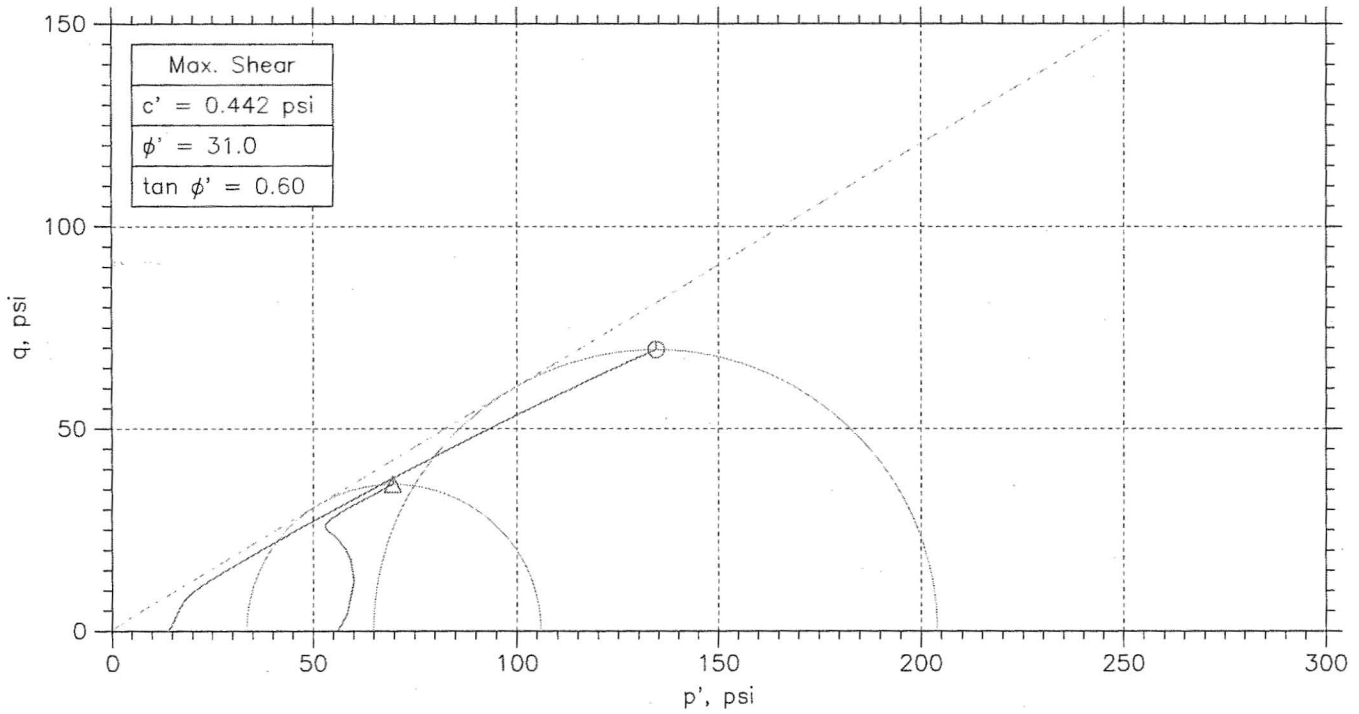
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-2	7614.1	33.5 ft	HJ	6/21/07	JW		7614.1_2547a.dat
△	UD-2	7614.3	33.5 ft	HJ	6/21/07	JW	<i>JW 7/31/07</i>	7614.3_2545a.dat

MACTEC	Project: Vogtle COL		Location: B-4032		Project No.: 6141060286	
	Boring No.: B-4032		Sample Type: Undisturbed			
	Description: Sand, silty (SM) (Visual)					
	Remarks: 1560 of 1625					

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



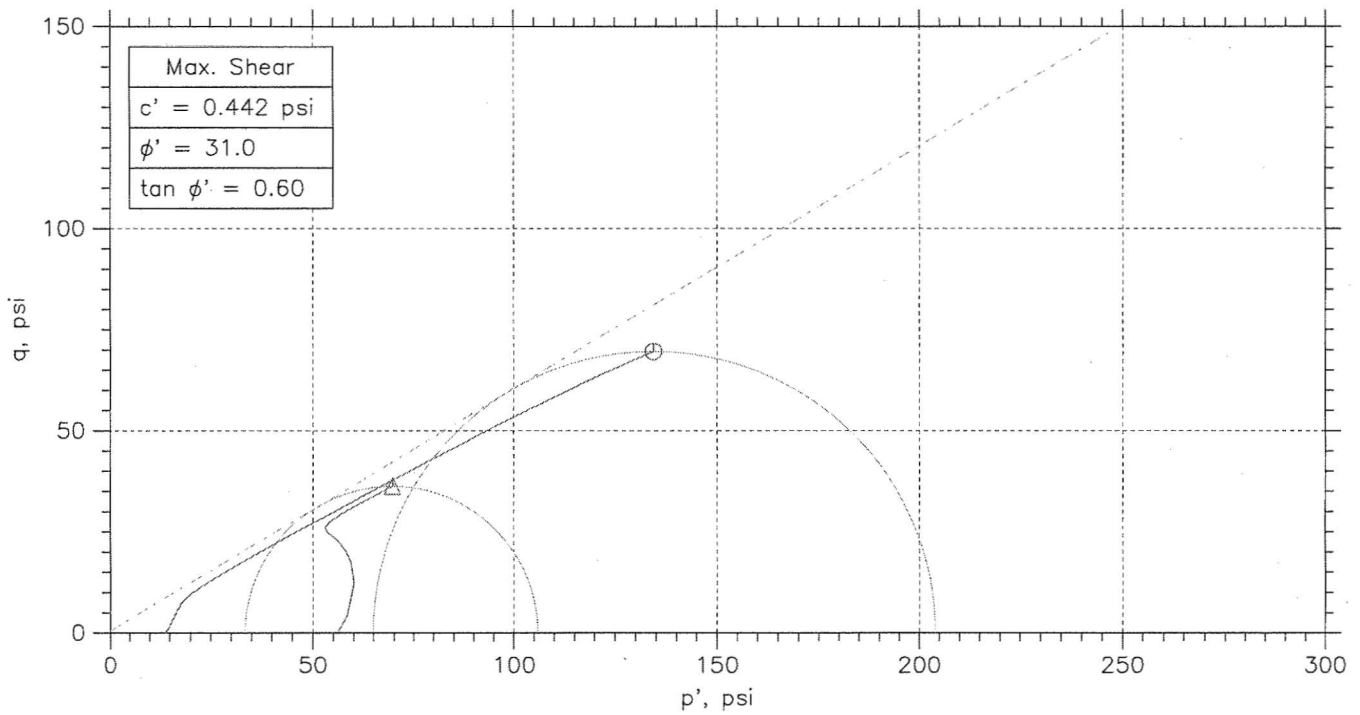
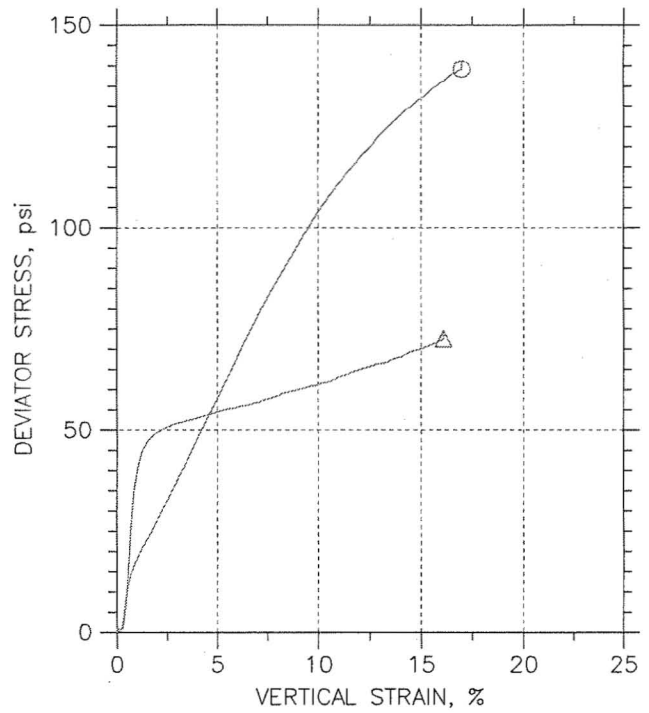
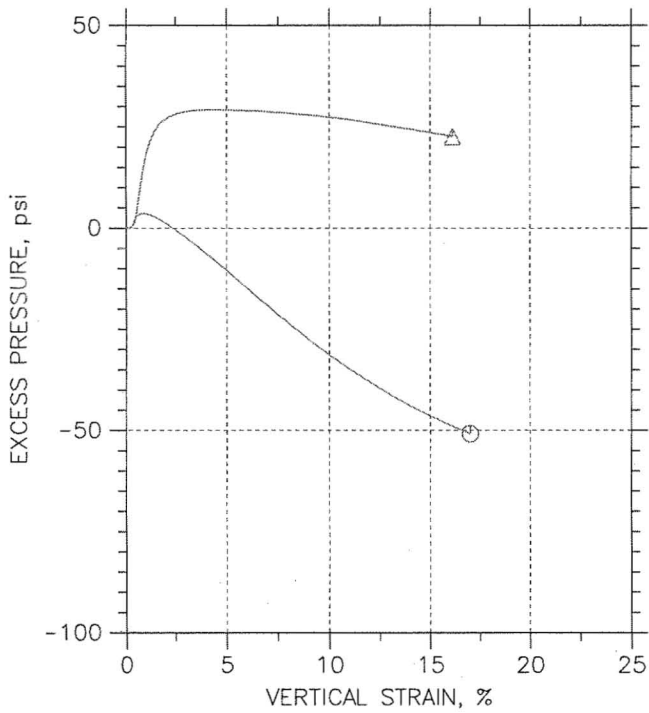
Symbol	⊙	△		
Sample No.	UD-1	UD-1		
Test No.	7616.1	7616.3		
Depth	28.5 ft	28.5 ft		
Initial	Diameter, in	2.842	2.869	
	Height, in	5.977	5.566	
	Water Content, %	15.7	19.4	
	Dry Density, pcf	92.23	90.22	
	Saturation, %	52.3	61.6	
Before Shear	Void Ratio	0.794	0.834	
	Water Content, %	25.3	28.0	
	Dry Density, pcf	98.97	94.93	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.672	0.743	
	Back Press., psi	126.	140.	
	Ver. Eff. Cons. Stress, psi	14.	56.	
	Shear Strength, psi	69.54	36.24	
	Strain at Failure, %	17	16.1	
	Strain Rate, %/min	0.1	0.1	
	B-Value	0.97	0.97	
	Estimated Specific Gravity	2.65	2.65	
	Liquid Limit	---	---	
	Plastic Limit	---	---	

MACTEC	Project: Votgle COL	
	Location: B-4033	
	Project No.: 6141060286	
	Boring No.: B-4033	
	Sample Type: Undisturbed	
	Description: SAND, with silty (SP-SM) (Visual)	
Remarks:		

Phase calculations based on start and end of test.

* Saturation is set to 100% for phase calculations.

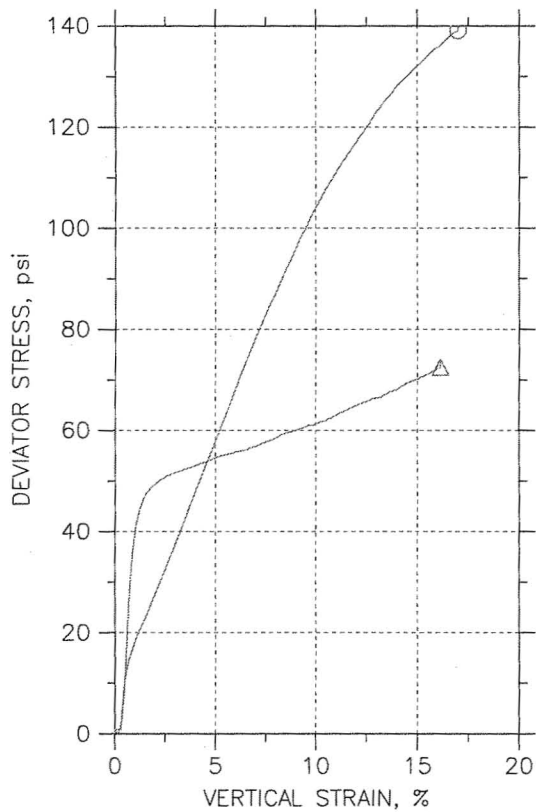
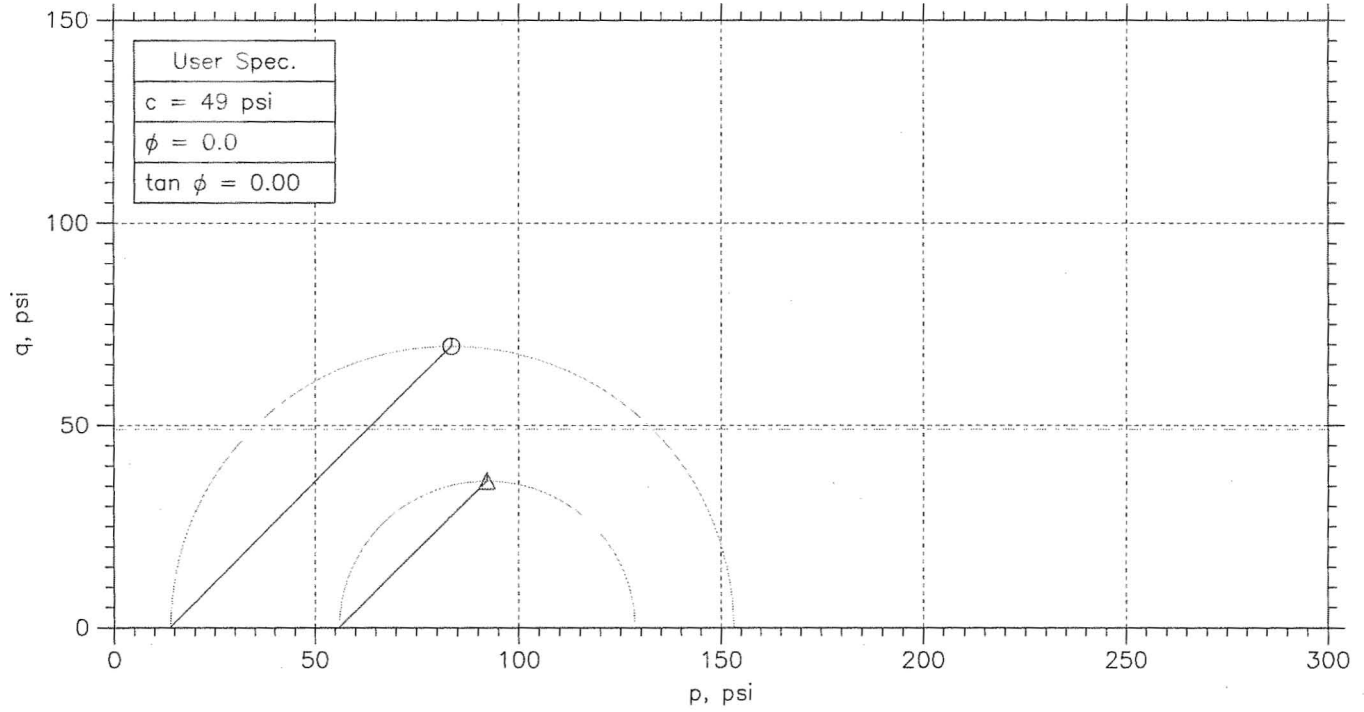
CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Sample No.	Test No.	Depth	Tested By	Test Date	Checked By	Check Date	Test File
⊙	UD-1	7616.1	28.5 ft	HJ	7/26/07	JW	7616.1_2583.dat
△	UD-1	7616.3	28.5 ft	HJ	7/27/07	JW	7616.3_2582.dat

MACTEC	Project: Votgle COL		Location: B-4033		Project No.: 6141060286	
	Boring No.: B-4033		Sample Type: Undisturbed			
	Description: SAND, with silty (SP-SM) (Visual)					
	Remarks:			1562 of 1625		

CONSOLIDATED UNDRAINED TRIAXIAL TEST by ASTM D4767



Symbol	○	△		
Sample No.	UD-1	UD-1		
Test No.	7616.1	7616.3		
Depth	28.5 ft	28.5 ft		
Initial	Diameter, in	2.842	2.869	
	Height, in	5.977	5.566	
	Water Content, %	15.7	19.4	
	Dry Density, pcf	92.23	90.22	
	Saturation, %	52.3	61.6	
Before Shear	Void Ratio	0.794	0.834	
	Water Content, %	25.3	28.0	
	Dry Density, pcf	98.97	94.93	
	Saturation*, %	100.0	100.0	
	Void Ratio	0.672	0.743	
Back Press., psi	126.	140.		
Ver. Eff. Cons. Stress, psi	14.	56.		
Shear Strength, psi	69.54	36.24		
Strain at Failure, %	17	16.1		
Strain Rate, %/min	0.1	0.1		
B-Value	0.97	0.97		
Estimated Specific Gravity	2.65	2.65		
Liquid Limit	---	---		
Plastic Limit	---	---		

MACTEC	Project: Votgle COL	
	Location: B-4033	
	Project No.: 6141060286	
	Boring No.: B-4033	
	Sample Type: Undisturbed	
	Description: SAND, with silty (SP-SM) (Visual)	
Remarks:		

Phase calculations based on start and end of test. 1563 of 1625

* Saturation is set to 100% for phase calculations.