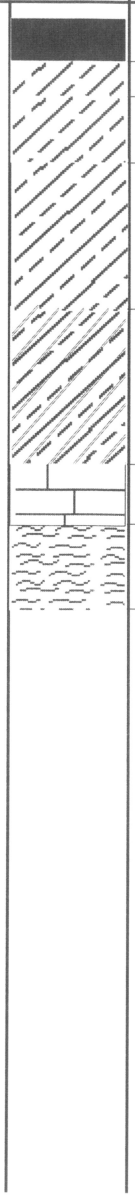
9-090702 – Addendum # 005

JULY 8, 2009

Resident Engineer's Office and Data Center



DEPTH AND DESCRIPTION Elevation -- 903.8	Eleva-tion	Wn%	γsat pcf	LL	PI	ASTM Class	P.P. tsf	Tv. tsf	Qu/2 psf	Shear Data: Type Test	Shear Data: Ø°	Shear Data: c' psf	Consolidation Parameters: P_1 ksf	Pc ksf	P_2 ksf	e_1	e_c	e_2	Cc	Cv_{10} ft^2/d
0.0-1.5' Pavement and base material.																				
	902.3'																			
1.5-2.7' Dark brown lean clay.																				
	901.1'																			
2.7-5.0' Brown clay, with lignite staining, moist, stiff, some dark brown clay pockets present. @ 4.0'		25.8		53	30	CH	2.7	0.85					0.5	3.26		0.744	0.727		0.149	
	898.8'																			
5.0-10.0' Brown to dark brown interlayered clay, moist to very stiff. @ 6.0'							4.5	0.8												
@ 9.0'		25.4					2.5-3.0	0.8												
	893.8'																			
10.0-15.3' Brown and gray-brown interlayered lean to fat clay, moist, stiff. @ 11.0'		25.8		45	25	CL	1.5-2.0	0.7					1.48	2.46		0.696	0.689	0	0.211	
@ 14.0'							3.0	0.78												
	888.5'																			
15.3-17.3' Gray limestone, thin to medium bedded, hard.																				
	886.4'																			
17.3-20.3' Gray shale, hard.																				
	883.5'																			

Coring Log (NX Double Tube Barrel)

From	To	Run	Rec	Loss	%RQD
15.3	20.3	5.0	2.8	2.2	89*

*RQD on limestone portion only.

JOB NO.: --
COUNTY: Jackson
ROUTE: RE Office Building
STATION: 3000 Southeast Corner
FILL HEIGHT:

Coordinate System:
Coordinate Zone:
Coordinate Datum:
Coordinate Units:
Coordinate Projection Factor:
Coordinates:

Key:

V	Water Table
P.P.	Pocket Penetrometer
Tv.	Torvane, torsional shear device
S	Slow or drained direct shear test
R	Consolidated drained triaxial shear test
R	R test corrected for pore pressures

FIGURE 1 of 5

SHEET 1 of 1

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Resident Engineer's Office and Data Center

DEPTH AND DESCRIPTION Elevation -- 902	Eleva-tion	Wn%	γsat pcf	LL	PI	ASTM Class	P.P. tsf	Tv. tsf	Qu/2 psf	Shear Data: Type Test	Shear Data: Ø°	Shear Data: c' psf	Consolidation Parameters: P_1 ksf	Pc ksf	P_2 ksf	e_1	e_c	e_2	Cc	$Cv_{10^{-2}}$ ft^2/d
0.0-1.2' Pavement and base material.																				
	900.8'																			
1.2-3.0' Brown lean clay, moist, very stiff. @ 2.5'		27.5		56	34	CH	2.7	0.75					0.32	3.6		0.67	0.66		0.186	
	899'																			
3.0-7.5' Gray to dark brown lean clay, moist, very stiff. @ 4.0'		23.3					3.2	0.55												
	894.5'																			
7.5-12.5' Brown-gray mottled lean clay, moist, very stiff. @ 9.0'		25.4					3.0	0.77												
@ 11.0'				83	55	CH	2.0	0.75					1.4	3.6		0.87	0.85		0.218	
	889.5'																			
12.5-13.2' Gray-brown lean clay, moist, stiff. Sample refusal at 13.2'. @ 13.0'	888.8'	28.6																		

JOB NO.: --
COUNTY: Jackson
ROUTE: RE Office Building
STATION: 3001 Northeast Corner
FILL HEIGHT:

Coordinate System:
Coordinate Zone:
Coordinate Datum:
Coordinate Units:
Coordinate Projection Factor:
Coordinates:

Key:
V Water Table
P.P. Pocket Penetrometer
Tv. Torvane, torsional shear device
S Slow or drained direct shear test
R Consolidated drained triaxial shear test
R R test corrected for pore pressures

FIGURE 2 of 5

SHEET 1 of 1

Resident Engineer's Office and Data Center

DEPTH AND DESCRIPTION Elevation -- 900.9	Eleva-tion	Wn%	γsat pcf	LL	PI	ASTM Class	P.P. tsf	Tv. tsf	Qu/2 psf	Shear Data: Type Test	Shear Data: Ø'°	Shear Data: c' psf	Consolidation Parameters: P_1 ksf	Pc ksf	P_2 ksf	e_1	e_c	e_2	Cc	Cv_{10}^{-2} ft^2/d
0.0-2.5' Brown lean clay, moist, very stiff, grass roots present.																				
@ 1.0'		29.3					4.2	0.70												
	898.4'																			
2.5-5.0' Dark brown lean clay, moist, very stiff.																				
@ 4.0'							4.5	0.80	2952											
	895.9'																			
5.0-10.0' Dark brown lean clay, moist, medium stiff. @ 6.0'		29.3		39	15	CL	2.7	0.45					0.72	2.6		0.716	0.705		0.167	
@ 9.0'							2.0	0.47												
	890.9'																			
10.0-16.6' Brown clay, moist, stiff. @ 11.0'							3.5	0.78												
@ 14.0'		29.7		66	42	CH	2.7	0.85												
@ 16.0'		25.6					1.2	0.67					1.93	2.86		0.821	0.787		0.261	
	884.3'																			
16.6-17.0' Gravel.	883.9'																			
17.0-17.8' Brown limestone, thin bedded, hard.	883.1'																			
17.8-19.7' Gray shale, hard.																				
@ 20.0'	881.2'						9.0+													

Coring Log (NX Double Tube Barrel)

From	To	Run	Rec	Loss	%RQD
17.2	22.2	5.0	2.5	2.5	--

JOB NO.: --
COUNTY: Jackson
ROUTE: RE Office Building
STATION: 3002 Northwest Corner
FILL HEIGHT:

Coordinate System:
Coordinate Zone:
Coordinate Datum:
Coordinate Units:
Coordinate Projection Factor:
Coordinates:

Key:
V Water Table
P.P. Pocket Penetrometer
Tv. Torvane, torsional shear device
S Slow or drained direct shear test
R Consolidated drained triaxial shear test
R R test corrected for pore pressures

FIGURE 3 of 5

SHEET 1 of 1

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Resident Engineer's Office and Data Center

DEPTH AND DESCRIPTION Elevation -- 902	Eleva-tion	Wn%	γsat pcf	LL	PI	ASTM Class	P.P. tsf	Tv. tsf	Qu/2 psf	Shear Data: Type Test	Shear Data: Ø°	Shear Data: c' psf	Consolidation Parameters: P_1 ksf	Pc ksf	P_2 ksf	e_1	e_c	e_2	Cc	Cv_{10}^{-2} ft^2/d
0.0-5.0' Dark brown lean clay, moist, stiff.																				
@ 1.0'		25.2					3.5	0.58	1944											
@ 4.0'							4.0	0.70												
	897'																			
5.0-10.0' Brown to dark brown lean clay, moist, stiff to very stiff. @ 6.0'		28.0		44	21	CL	2.5-4.5	0.45-0.70					0.74	3.26		0.683	0.671		0.188	
@ 9.0'							2.5	0.66												
	892'																			
10.0-12.5' Dark brown clay, moist, stiff. @ 11.0'		28.2		57	36	CH	2.0	0.80					1.45	3.59		0754	0.743		0.228	
	889.5'																			
12.5-15.4' Brown mottled clay, moist, stiff, lignite and iron staining present. @ 14.0'		31.0					2.0-2.5	0.75												
	886.5'																			
15.4-15.9' Rock, hard.	886.1'																			

JOB NO.:	--
COUNTY:	Jackson
ROUTE:	RE Office Building
STATION:	3003 Southwest Corner
FILL HEIGHT:	

Coordinate System:	
Coordinate Zone:	
Coordinate Datum:	
Coordinate Units:	
Coordinate Projection Factor:	
Coordinates:	

Key:

V	Water Table
P.P.	Pocket Penetrometer
Tv.	Torvane, torsional shear device
S	Slow or drained direct shear test
R	Consolidated drained triaxial shear test
R	R test corrected for pore pressures

FIGURE 4 of 5

SHEET 1 of 1

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Resident Engineer's Office and Data Center

DEPTH AND DESCRIPTION Elevation -- 903.2	Eleva-tion	Wn%	γsat pcf	LL	PI	ASTM Class	P.P. tsf	Tv. tsf	Qu/2 psf	Shear Data: Type Test	Shear Data: Ø'°	Shear Data: c' psf	Consolidation Parameters: P_1 ksf	Pc ksf	P_2 ksf	e_1	e_c	e_2	Cc	Cv_{10} ft^2/d
0.0-5.0' Brown clay, moist, very stiff.																				
@ 1.0'		20.5					4.5	0.50												
@ 4.0'				55	32	CH	3.5	0.50					0.5	3.03		0.778	0.759		0.228	
	898.2'																			
5.0-12.5' Dark brown lean clay, moist, stiff, roots present. @ 6.0'		25.4					4.0	0.57												
@ 9.0'							3.7	0.62												
@ 11.0'		25.2		55	33	CH	2.7	0.80												
	890.7'																			
12.5-16.3' Brown mottled clay, with lignite and iron staining.																				
@ 14.0'							3.25	0.70					1.72	3.03		0.640	0.633		0.185	
@ 16.0'	886.9'	28.6					3.0	0.60												
16.3-18.0' Brown-gray limestone, thin bedded, hard.																				
	885.2'																			
18.0-21.3' Gray shale.																				
@ 20.0'							9.4													
	881.9'																			

Coring Log (NX Double Tube Barrel)

From	To	Run	Rec	Loss	%RQD
16.3	21.3	5.0	2.0	3.0	61*

*RQD on limestone portion only.

JOB NO.: --
COUNTY: Jackson
ROUTE: RE Office Building
STATION: 3004 Center of Building
FILL HEIGHT:

Coordinate System:
Coordinate Zone:
Coordinate Datum:
Coordinate Units:
Coordinate Projection Factor:
Coordinates:

Key:

V	Water Table
P.P.	Pocket Penetrometer
Tv.	Torvane, torsional shear device
S	Slow or drained direct shear test
R	Consolidated drained triaxial shear test
R	R test corrected for pore pressures

FIGURE 5 of 5

SHEET 1 of 1