ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 209A	04-02119 -00-BR	JACKSON	20	19
FED. ROAD DIST. NO.		F.A. ROUTE	FED. AID PROJECT-	BROS-077(41)

CONTRACT NO. 99261

District Nine Materials — Boring Log — Sheet 1 of 2

TR-209A (Glenn Rd) Over ~~Grab Orchard Creek~~

Route: TR-209A — Structure Number: 039-3087 — Date: 04/25/2001

Section: — Bored By: Bryan Keller

County: Jackson — Location: NW 1/4 SEC 7-9-1 — Checked By: Rob Graeff

Boring No 1-S
Station 25' E of E Abut
Offset 5' S CL
Ground Surface 373.7100.0 Ft

Surf Wat Elev: 75.0
Ground Water Elevation
when Drilling 60.5
At Completion
At: Hrs:

DEPTH	BLOW	Qu tsf	W%
Multi A-1 over Crushed Aggregate			
371.7 98.0			
Stiff, moist, brown, Silty Clay A-6	10		
	6 8	1.1S	22
5.0	5		
	5 7	1.4S	19
366.7 93.0			
Very stiff, moist, brown to grey, Silty Clay A-6	3		
	4 7	3.7B	21
10.0	3		
	5 8	3.1B	20
361.7 88.0			
Stiff, moist, brown mottled grey, Silty Clay A-6	3		
	4 5	1.6B	20
359.2 85.5			
Very stiff, moist, brown, Silty Clay A-6	15.0 1		
	4 5	2.4B	21
	1		
	3 5	2.1B	22
354.2 80.5			
Stiff, very moist, grey, Silty Clay A-6	20.0 2		
	4 4	1.2B	24
	2		
	3 3	1.4B	23
349.2 75.5			
	25.0 1		

DEPTH	BLOW	Qu tsf	W%
Medium, very moist, grey, Silty Clay to Silty Clay Loam A-6	2 2	0.8B	25
346.7 73.0			
Stiff, very moist, brown mottled grey, Clay A7-6	WH		
	2 2	1.7S	37
30.0	WH		
	2 2	1.7B	24
341.7 68.0			
Stiff, moist, reddish brown, Clay A7-6	2		
	3 4	1.7B	23
339.2 65.5			
Very stiff, moist to very moist, brown to reddish brown, Clay A7-6	35.0 1		
	3 4	2.2B	23
336.7 63.0			
Stiff, very moist, grey, Clay A7-6	1		
	3 2	1.5B	27
334.2 60.5			
Soft, very moist, grey, Silty Clay to Clay A7-6 with Silt Loam and Gravel Layers	40.0 1		
	1 2	0.4B	22
329.2 55.5			
Stiff, very moist, brown, Clay A7-6 with some Gravel	45.0 1		
	3 2	1.1B	23
	50.0 WH		

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Sheet 2 of 2

Route: TR-209A — Date: 04/25/2001

Section:

County: Jackson

Boring No: 1-S
Station: 25' E of E Abut
Offset: 5' S CL
Ground Surface: 100.0 Ft

DEPTH	BLOW	Qu tsf	W%
Stiff, very moist, brown, Clay A7-6	2 2	1.2B	22
319.2 45.5			
Very stiff, moist to very moist, brown, Clay A7-6	55.0 2		
	4 5	2.2B	23
314.2 40.5			
Stiff, moist, grey, Clay A7-6 with Silty Clay Layers	60.0 2		
	3 4	1.6B	23
309.2 35.5			
Very stiff, moist, brown mottled grey, Clay A7-6 with fine Silty Sand Seams	65.0 3		
	5 8	3.4S	21
304.2 30.5			
Hard, dry,grey, Clay Shale	70.0 100/3"		
Cored from 69.75 ft to 74.75 ft 0 % Recovery 0 % RQD 750# pulldown pressure used during core drilling.			
299.2 25.5			
	75.0		

Bottom of hole = 74.75 ft.

Free water observed at 39.75 ft.

Elevation referenced to center ofexisting structure; Assumed elevation = 100.0 ft.
(= 373.7 U.S.G.S.)
To convert "N" values to "N60" values multiply by 1.25

DEPTH	BLOW	Qu tsf	W%
80.0			
85.0			
90.0			
95.0			
100.0			

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

BORING 1

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-47-0017-1	DATE: 05/15/06
DESIGNED: S.M.S.	CHECKED: S.W.M.	DRAWN: D.T.M.

BORING 1
SECTION 04-02119-00-BR
CARBONDALE ROAD DISTRICT
JACKSON COUNTY
STATION 9+96 / STRUCTURE NO. 039-3255