CONTRACT NO. 64647

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	309
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

BORING LOGS

Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 Date 12-29-86

ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.

SEC. 1-3 STA. 61+00 Blackhawk Road Checked By JZ/CB

COUNTY Rock Island

Boring No. B-80
Station 61+00
Offset 20'L

Surface Water El. —
Groundwater El. at Completion Dry
After — Hours —

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 587.5	0			
SILTY LOAM FILL: gray and brown mottled; stiff to very stiff		2.5 P	18
		1.8 P	
A-4 to A-6 584.5	-25		
SILTY CLAY LOAM: dark gray to black; stiff		1.0 P	
	-5	1.0 P	27
A-6 581.5			
Boring Terminated @ 6.0'.			
	-30		
	-10		
	-35		
	-15		
	-40		
	-20		
	-45		

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf

w - Water Content - percentage of oven dry weight-%.

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

BD 137 (Rev. 4-78) 7-96

Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 BRIDGE Rock River Crossing Date 12-11-86

ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.

SEC. 1-3 STA. 364+40 Checked By JZ/CB

COUNTY Rock Island

Boring No. S-44
Station 364+40
Offset 37'R

Surface Water El. 561.4
Groundwater El. at Completion 560.4
After — Hours —

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 562.4	0		
CLAY LOAM: dark gray; very soft; trace organics			
A-6 559.4	3	<.25 P	23
SAND: trace gravel; brown; loose	-5 6		
	6		
A-3 553.1			
CLAY SHALE: dark gray to black; weathered slightly; plastic; fine laminae	-10 29	5.9 S	16
	93/10"		16
	-15 50/4"		16
546.2	50/3"		13
Boring Terminated @ 16.2'			
	-20		

Borings 45 and 46 Deleted.

Elevation	N	Qu t/s.f.	w (%)
	-25		
	-30		
	-35		
	-40		
	-45		

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf

w - Water Content - percentage of oven dry weight-%.

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

BD 137 (Rev. 4-78) 7-43

Illinois Department of Transportation

Sh.1 of 1 Sh.

PROJECT P-92-096-84 BRIDGE Rock River Date 4/2/87

ROUTE FAU 5822 Milan Beltway Bored By ETI

SEC. 1-3 STA. 378+55 Checked By CB

COUNTY —

Boring No. S-47
Station 378+55
Offset At ℄

Surface Water El. 563.0
Groundwater El. at Completion 563.0
After — Hours —

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 562.0	0		
ORGANIC SILT & CLAY: very soft; saturated			
	2	N/A	
A-4/A-8	-5 4	N/A	53
ORGANIC CLAY: trace silt; very soft trace shells below 7.0'	7	<0.2 P	41
A-6 554.5			
ORGANIC SILT: trace clay & shells			
A-4 553.0	-10 6		36
ORGANIC SILTY SAND: dark greenish gray; loose			
A-3/A-8 551.5	11		
SAND: brown; medium dense	18		
grades trace gravel below 13.0'	-15 43/6"		
A-3 547.5	62/6"		
SHALE; dark gray; finely laminated; weathered			
546.5			
Boring Terminated at 15.5'			
	-20		

Ponded Water @ Surface

Borings 45 and 46 Deleted.

Elevation	N	Qu t/s.f.	w (%)
	-25		
	-30		
	-35		
	-40		
	-45		

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf

w - Water Content - percentage of oven dry weight-%.

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

BD 137 (Rev. 4-78) 7-62