CONTRACT NO. 64647

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	299
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 BRIDGE Rock River Date 3/19/87

ROUTE FAU 5822 Milan Beltway Bored By ETI

SEC. 1-3 STA. 376+97 Checked By CB

COUNTY

Boring No. R-16A
Station 376+95
Offset 46'L

Surface Water El. 559.5
Groundwater El. at Completion N/A
After - Hours -

Elevation	N	Qu t/s.f.	w (%)
Ground Surface Barge Deck 561.0			
▼ 559.4			
WATER 358.0			
NO SAMPLING			
SEE BORING R-16 FOR DESCRIPTION			
544.0			
CLAY SHALE: dark gray; fissile			
BEGIN CORING 18.0'			

Elevation	N	Qu t/s.f.	w (%)
CLAY SHALE (cont.)			
531.5			
Boring Terminated at 29.5'			
Rock Core 18.0' to 29.5'			
RUN #1 18.0' to 21.5'			
Recovery = 94% RQD = 83%			
RUN #2 21.5' to 24.5'			
Recovery = 87% RQD = 83%			
RUN #3 24.5' to 29.5'			
Recovery = 100% RQD = 70%			

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) 7-61

Illinois Department of Transportation

Sh. 1 of 1 Sh.

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

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

SEC. 1-3 STA. 362+80 Checked By JZ/CB

COUNTY Rock Island

Boring No. B-43
Station 362+80
Offset CL

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

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 563.4			
SAND: brown; medium dense to loose			
▼	13		
trace fine gravel below 4.0'	9		
A-3 556.4			
ANGULAR GRAVEL & SAND: brown; medium dense	32		
A-1-a 554.4			
CLAY SHALE: dark gray to black; fine laminae	51		
553.4			
Boring Terminated @ 10.0'.			

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) 7-42

Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 Date 12-20-86

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

SEC. 1-3 STA. 380+00 Checked By JZ/CB

COUNTY Rock Island

Boring No. B-48
Station 380+00
Offset CL

Surface Water El. 562.5
Groundwater El. at Completion 562.5
After Hours

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 562.5 ▼			
SILTY CLAY LOAM: dark gray; very soft; trace organics (no odor)	2	<.25 P	43
A-7-6 557.0	3	<.25 P	28
SAND: light gray/brown; loose	5		22
A-3 554.5			
SAND: trace gravel; brown/gray; loose	5		20
	6		22
	9		14
A-3 545.5	86/10"		15
CLAY SHALE: black; Fissile Thin Laminae			
542.2			
Boring Terminated @ 17.3'.			

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) 7-63