

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	308
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

BORING LOGS



PROJECT P-92-096-84 Date 12-22-86 Sh. 1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
 SEC. 1-3 STA. 1167+20 52nd Ave. Checked By JZ/CB
 COUNTY Rock Island

Description	Elevation	N	Qu (t/s.f.)	w (%)	Surface Water El.		Elevation	N	Qu (t/s.f.)	w (%)
					Groundwater El. at Completion	After Hours				
Ground Surface	569.6				N/A					
SILTY CLAY LOAM: dark gray to black; stiff to medium stiff grades brown/gray below 3.0'		11	3.5 P	22			59			16
A-7-6	564.1	5	0.85 B	26			547.1			
SILTY LOAM: light gray and brown mottled; medium/loose		3	0.54 B	27						
A-4	560.6									
SANDY LOAM: little gravel; loose; brown iron staining		3		24						
A-4	559.1									
SAND: dark gray; loose; some organics with no odor; no organics below 13.0'		3		52						
		14		27						
		9		26						
some gravel below 20.0'		27		25						
A-3	547.6									
CLAY SHALE										

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 - 1/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)

7-93



PROJECT P-92-096-84 Date 12-17-86 Sh. 1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
 SEC. 1-3 STA. 1169+55 52nd Ave. Checked By JZ/CB
 COUNTY Rock Island

Description	Elevation	N	Qu (t/s.f.)	w (%)	Surface Water El.		Elevation	N	Qu (t/s.f.)	w (%)
					Groundwater El. at Completion	After Hours				
Ground Surface	570.0									
CLAY LOAM FILL: trace gravel; brown; stiff										
A-6	567.0		1.5 P	15						
SILTY CLAY LOAM: brown and gray mottled; medium stiff			0.7 P	24						
A-7-6	564.0									
Boring Terminated @ 6.0'										

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 - 1/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)

7-94



PROJECT P-92-096-84 Date 12-21-86 Sh. 1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
 SEC. 1-3 STA. 66+40 Blackhawk Road Checked By JZ/CB
 COUNTY Rock Island

Description	Elevation	N	Qu (t/s.f.)	w (%)	Surface Water El.		Elevation	N	Qu (t/s.f.)	w (%)
					Groundwater El. at Completion	After Hours				
Ground Surface	589.5									
SILTY LOAM: dark brown; loose, stiff		9	1.3 P	20						
A-7-6		9	1.55 B	20						
A-4	582.2	10	1.13 B	22						
SANDY LOAM AND GRAVEL: brown; medium dense				17						
A-1-b	580.0	11	2.79 B	16						
SILTY CLAY LOAM: light gray and brown mottled; v. stiff		19	2.95 S	18						
A-7-6	578.3									
SILTY CLAY LOAM: trace gravel; dark gray; very stiff to hard		50/6.63 S	4"	22						
A-7-6	575.2									
LIMESTONE: light gray										
	575.0									
Boring Terminated @ 14.5' (Auger Refusal)										

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 - 1/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)

7-95