

F.A.P. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	300
STA. TO STA.		ILLINOIS FED. AID PROJECT		

# BORING LOGS



PROJECT P-92-096-84 Date 12-20-86 Sh. 1 of 1 Sh.  
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.  
 SEC. 1-3 STA. 382+00 Checked By JZ/CB

COUNTY Rock Island		Surface Water El. 563.5		Groundwater El. at Completion 563.5	
Boring No. B-49	Station 382+00	Elevation	N	Qu /s.f.	w (%)
Ground Surface 563.5					
SILTY CLAY LOAM: dark gray; stiff					
		4		1.6 B	29
		5		1.2 B	29
A-7-6	557.5				
SAND: brown; loose; some clayey lenses					
A-3	555.5				
SAND/SANDY LOAM: gray and brown layered; loose					
		8			35
		65			7
A-3 to A-4	550.0				
CLAY SHALE: black; fissile. Thinly laminated; few limestone partings					
		64			15
	548.5				
Boring Terminated @ 15.0'					

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 - Vsf  
 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)

7-64



PROJECT P-92-096-84 Date 12-20-86 Sh. 1 of 1 Sh.  
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.  
 SEC. 1-3 STA. 384+00 Checked By JZ/CB

COUNTY Rock Island		Surface Water El. 564.5		Groundwater El. at Completion 564.2	
Boring No. B-50	Station 384+00	Elevation	N	Qu /s.f.	w (%)
Ground Surface 564.5					
SILTY CLAY LOAM: dark gray; medium stiff					
		4			28
		8		1.0 B	30
A-7-6	558.3				
SILTY CLAY LOAM: brown and gray mottled					
		3		0.6 B	31
A-6	555.5				
SAND: gray/brown; loose					
		6			20
A-3	554.0				
CLAY SHALE: black					
		59			13
	552.0				
Boring Terminated @ 12.5'					

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 - Vsf  
 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)

7-65



PROJECT P-92-096-84 Date 12-19-86 Sh. 1 of 1 Sh.  
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.  
 SEC. 1-3 STA. 386+00 Checked By JZ/CB

COUNTY Rock Island		Surface Water El. N/A		Groundwater El. at Completion 564.0	
Boring No. B-51	Station 386+00	Elevation	N	Qu /s.f.	w (%)
Ground Surface 565.2					
SILTY CLAY LOAM TOPSOIL A-7-6 563.7					
				<.25 P	30
SILTY CLAY LOAM: brown/gray; soft; wet					
					29
A-6(12)	559.2				
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 - Vsf  
 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)

7-66