

BORING LOGS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	307
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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. 1164+41 52nd Ave. (Ramp 3 & 4) Checked By JZ/CB
 COUNTY Rock Island

Elevation	N	Qu	Usf.	w (%)	Surface Water El.	Groundwater El. at Completion	Elevation	N	Qu	Usf.	w (%)
Ground Surface 570.2											
SILTY CLAY LOAM: dark gray; stiff					SAND: gray; dense		27				
grades gray/brown mottled below 3.0'	7	1.5	P		A-3 547.7		50/5"			14	
A-6 564.2	5	1.36	S	25	CLAY SHALE: Black; Thin Laminae; Fissile	545.3					
SILTY LOAM: brown; soft, loose	4	<0.2	P	28	Boring Terminated @ 25.0'						
A-4 562.2											
SILT: gray; loose, soft; trace organics; no odor; Laminated	9	0.5	P	26							
	2	<0.2	P	35							
	5	<0.2	P	31							
	11			27							
A-4 551.4											
SAND: gray; dense; some gravel below 21.0'	32			23							
	27			9							

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 - Usf
 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) 7-90



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. 7+00 3rd St. Checked By JZ/CB
 COUNTY Rock Island

Elevation	N	Qu	Usf.	w (%)	Surface Water El.	Groundwater El. at Completion	Elevation	N	Qu	Usf.	w (%)
Ground Surface 571.0					N/A						
SILTY CLAY LOAM FILL: little to some gravel; brown and dark gray mottled; stiff to medium stiff						566.2					
		1.5	P	26							
		1.0	P								
		0.5	P	31							
A-6 565.0											
Boring Terminated @ 6.0'											

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 BD 137 (Rev. 4-78) 7-91



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. 1165+20 52nd Ave. Checked By JZ/CB
 COUNTY Rock Island

Elevation	N	Qu	Usf.	w (%)	Surface Water El.	Groundwater El. at Completion	Elevation	N	Qu	Usf.	w (%)
Ground Surface 571.1					N/A	566.1					
SILTY CLAY LOAM: dark gray; stiff					GRAVEL AND SAND: gray; loose						
		1.3	P	27	A-1-b 548.1		6				
		1.3	P	27	SAND: gray; medium dense						
A-7-6 568.1	14	1.3	P	27							
SILTY LOAM: light gray and brown mottled; stiff											
grades soft below 5.0'	6	1.94	B	26							
	2	0.23	B	31							
	3	<0.2	P	29	A-3 541.4		90			16	
	3	0.31	B	32	CLAY SHALE: dark gray; Thin Laminae; Fissile	541.1					
A-4/A-6 560.6					Boring Terminated @ 30.0'						
SILT: gray; very soft, loose											
	3	0.31	B	32							
	3			32							
	2			25							
	5										
A-4 551.1											
GRAVEL AND SAND: gray; loose											
	6			28							

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 Type failure:
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 S - Shear Failure
 E - Estimated Value
 P - Penetrometer
 BD 137 (Rev. 4-78) 7-92