

BORING LOGS

CONTRACT NO. 64647

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	304
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



Illinois Department of Transportation

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. 414+70 Checked By JZ/CB

COUNTY <u>Rock Island</u>		Surface Water El.		Groundwater El. at Completion		Surface Water El.		Groundwater El. at Completion		
Boring No. <u>B-66</u>	Station <u>414+70</u>	Elevation	N	Qu (t/sf)	w (%)	After <u> </u> Hours	Elevation	N	Qu (t/sf)	w (%)
Ground Surface	584.5	0								
SILTY CLAY LOAM: dark gray; stiff				1.75	24					
grades brown below 1.8'										
A-7-6	581.0	-25		1.75	24					
CLAY LOAM: gray & brown mottled; trace gravel				1.0	25					
A-6	580.0	-5								
SILTY LOAM: gray; stiff										
A-4	578.5	-10								
Boring Terminated @ 6.0'										
		-10								
		-15								
		-20								
		-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) 7-81



Illinois Department of Transportation

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. 1149+00 52nd Ave. Checked By JZ/CB

COUNTY <u>Rock Island</u>		Surface Water El.		Groundwater El. at Completion		Surface Water El.		Groundwater El. at Completion		
Boring No. <u>B-67</u>	Station <u>1149+00</u>	Elevation	N	Qu (t/sf)	w (%)	After <u> </u> Hours	Elevation	N	Qu (t/sf)	w (%)
Ground Surface	585.5	0								
SILTY LOAM FILL: some gravel; gray/brown; medium stiff				1.0	18					
A-4	582.0	-25		0.75						
SILTY LOAM/SILTY CLAY LOAM: gray/brown; medium stiff				0.5	27					
A-4 to A-6	579.5	-5								
Boring Terminated @ 6.0'										
		-10								
		-15								
		-20								
		-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) 7-82



Illinois Department of Transportation

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. 1152+20 52nd Ave. Checked By JZ/CB

COUNTY <u>Rock Island</u>		Surface Water El.		Groundwater El. at Completion		Surface Water El.		Groundwater El. at Completion		
Boring No. <u>B-68</u>	Station <u>1152+20</u>	Elevation	N	Qu (t/sf)	w (%)	After <u> </u> Hours	Elevation	N	Qu (t/sf)	w (%)
Ground Surface	584.0	0								
SILTY CLAY LOAM FILL: little gravel; stiff				2.0	19					
A-6	580.5	-25		1.5						
CLAY LOAM (POSSIBLE FILL): trace gravel; medium stiff to stiff				1.3						
A-6	578.0	-5		0.8	18					
Boring Terminated @ 6.0'										
		-10								
		-15								
		-20								
		-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) 7-83