

BORING LOGS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	306
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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. 1162+00 52nd Ave. Checked By JZ/CB

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. 1164+41 52nd Ave. Checked By JZ/CB

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. Checked By JZ/CB
 (Ramp 3 & 4)

Boring No. B-72 Station 1162+00 Offset CL		Surface Water El. N/A		Groundwater El. at Completion 569.2		After Hours	
Elevation	N	Qu (t/sf)	w (%)	Elevation	N	Qu (t/sf)	w (%)
Ground Surface 571.2							
SILTY CLAY LOAM: dark gray; medium stiff							
	6	1.0 P	26				
A-4 546.2	25				4		34
SAND AND GRAVEL: gray; dense							
A-7-6 565.7	4	0.97 B	32				
SILTY LOAM: brown; soft; loose; few clayey lenses							
	2	<0.2 P	26				
grades sandier below 8.5'							
A-4 to A-6 560.7	8						
SILT: gray; soft; loose; trace organics; Laminated							
	5	0.31 B	33				
	2	0.3 P	33				
	3		39				
	2	<0.2 P	33				
	2	<0.2 P	33				

Boring No. B-73 Station 1164+41 Offset 50'L		Surface Water El. N/A		Groundwater El. at Completion 566.2		After Hours	
Elevation	N	Qu (t/sf)	w (%)	Elevation	N	Qu (t/sf)	w (%)
Ground Surface 570.2							
SAND: gray; medium dense							
	7	1.1 P	23				
A-7-6 565.8	4	0.5 B	31				
SILTY LOAM: light brown and gray mottled; medium stiff to soft; wet							
A-4/A-6 563.0	2	0.7 B	30				
SAND: some gravel; brown; loose							
A-3 560.7	2		27				
SILT: gray; loose; trace organics; no odor; Laminated							
	2	0.23 B	30				
	2	<0.2 P	33				
	3	<0.2 P	32				
	9	<0.2 P	36				
A-4 548.6							
SAND							

Boring No. B-74 Station 1164+41 Offset 240'R		Surface Water El. N/A		Groundwater El. at Completion 567.8		After Hours	
Elevation	N	Qu (t/sf)	w (%)	Elevation	N	Qu (t/sf)	w (%)
Ground Surface 570.2							
SAND: some gravel; gray; dense							
	4	0.5 P	27				
SILTY CLAY LOAM: dark gray; medium stiff							
	4	0.5 P	27				
grades gray/brown below 1.5'							
	2	0.47 S	30				
	4	0.58 B	25				
A-7-6 562.2							
SILT: gray; loose; trace organics; no odor; Laminated							
	5		27				
	2		39				
	2		34				
	8		30				
	5		24				
Limestone Cobble @ 21.2 to 21.3'							
A-4 548.2	47		15				

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) 7-87

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) 7-88

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) 7-89