

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	POST MILE	SHEET NO.	SHEET NO. 10 12 SHEETS
595	1-1	ROCK ISLAND	2.39	M2	
FED. ROAD DIST. NO. 2		BILLINGS	FED. AID PROJECT NO.		
Contract No. 84986					



Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

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Date 9/29/03

ROUTE FA 595 DESCRIPTION P92-118-94 30th St. Retaining Wall @ John Deere Road, 30th St. in Rock Island LOGGED BY C. Jenkins
SECTION 1-1 LOCATION S. Rock Island Twp. - 13 SW & SE, SEC. TWP. 17N, RNG. 2W
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. None ft Stream Bed Elev. None ft	D E P T H	B L O W S	U C S	M O I S T	Groundwater Elev.: First Encounter None ft Upon Completion Dry ft After Hrs.
Asphalt Concrete MEDIUM tan SILTY CLAY			0.6 P	20	VERY STIFF gray SILTY CLAY TILL 142.7 wet dens.	594.10	5 8 11	2.7 S	14	
VERY STIFF tan SILTY CLAY TILL 139.5 wet dens.	613.10	2 4 6	2.5 S	13	HARD gray SHALEY CLAY TILL with a SAND lens 137.4 wet dens.	591.10	14 9 11	5.1 S	16	
VERY STIFF tan with gray mottled SILTY CLAY TILL 138.4 wet dens.	609.10	7 5 5	2.9 S	14	DENSE gray/black SHALE	589.10	4 10 29			
Same as above 137.4 wet dens.	606.60	2 4 6	2.1 B	15	VERY DENSE gray/black SHALE	598.60	44 56 100/12" PEN			
STIFF gray SILTY CLAY TILL with a SAND lens 135.2 wet dens.	604.10	4 5 6	1.6 S	14	Same as above	584.10	24 40 50			
VERY STIFF gray SILTY CLAY TILL with some CHERT 140.6 wet dens.	601.60	3 5 7	2.1 S	15	End of Boring					
VERY STIFF gray SILTY CLAY TILL 141.6 wet dens.	599.10	3 5 8	2.9 B	14						
Same as above 140.6 wet dens.	596.60	4 7 9	2.9 S	14						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



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Date 9/30/03

ROUTE FA 595 DESCRIPTION P92-118-94 30th St. Retaining Wall @ John Deere Road, 30th St. in Rock Island LOGGED BY C. Jenkins
SECTION 1-1 LOCATION S. Rock Island Twp. - 13 SW & SE, SEC. TWP. 17N, RNG. 2W
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. None ft Stream Bed Elev. None ft	D E P T H	B L O W S	U C S	M O I S T	Groundwater Elev.: First Encounter None ft Upon Completion Dry ft After Hrs.
MEDIUM tan SILT			0.8 P	17	VERY STIFF tan SILTY CLAY TILL 135.2 wet dens.	610.00	3 5 8	2.1 B	16	
MEDIUM tan SILT with ORGANICS 116.1 wet dens.	629.00	3 4 5	0.7 S	19	VERY STIFF gray/brown SILTY CLAY TILL 133.1 wet dens.	607.50	4 6 9	2.3 S	15	
MEDIUM tan/gray SILT with ORGANICS 145.9 wet dens.	625.00	2 3 5	0.9 S	24	STIFF gray/brown SILTY CLAY TILL 132.0 wet dens.	605.00	2 4 8	1.6 B	15	
STIFF brown SILTY CLAY with ORGANICS 121.4 wet dens.	622.50	3 4 5	1.9 S	24	HARD brown SHALEY CLAY TILL 136.3 wet dens.	602.50	6 11 14	4.1 S	14	
STIFF brown/gray mottled SILTY CLAY TILL 126.7 wet dens.	620.00	4 4 5	1.8 S	17	Same as above 135.2 wet dens.	600.00	5 10 11	4.1 S	15	
STIFF tan with rust SILTY CLAY TILL 127.8 wet dens.	617.50	4 6 9	1.9 S	21	HARD gray/tan SHALEY CLAY TILL 137.4 wet dens.	597.50	6 11 16	4.5 B	13	
STIFF tan SILTY CLAY TILL 123.5 wet dens.	615.00	2 3 5	1.0 B	20	Same as above 138.4 wet dens.	594.50	5 7 11	5.6 B	14	
STIFF tan SILTY CLAY TILL 136.3 wet dens.	612.50	4 5 7	1.8 B	14	VERY DENSE gray/black SHALE	592.50	5 23 52			
End of Boring										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Firm Registration No. 04-00533



SOIL BORING LOGS B-4 AND B-5
RETAINING WALL E ALONG
30TH STREET
FA 595 (IL ROUTE 5) SECTION 1-1
ROCK ISLAND COUNTY
STA 302+50.00 TO STA 304+10.00
STRUCTURE NO. 081-W007

DESIGNED	NDR
CHECKED	DSE
DRAWN	RTT
CHECKED	DSE
DATE	JAN 31, 2006