

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-1	ROCK ISLAND	239	130
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT	
Contract No. 84985				



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 12/21/04

ROUTE FA 595 DESCRIPTION P92-118-94 Retaining Wall D, along John Deere Road LOGGED BY W. Garza
SECTION 1-1 LOCATION SEC. TWP. RNG.
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	STATION	DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOISTURE (%)
081-W006	78+40	96.00	1.1	CL		Ground Surface Elev. 611.8 ft				
		809.30			0.3	SOFT tan/brown SILTY LOAM	599.30			
		807.80	13			MEDIUM brown SAND & GRAVEL	587.80			
		605.30	10			STIFF brown SILTY CLAY LOAM	585.30			
		602.80	1	1.4	20	LOOSE tan fine SAND	582.80			
		600.30	4	B		STIFF tan SILTY LOAM	581.30			
		587.80	3			MEDIUM tan fine SAND				
		595.30	4	4.8	17	HARD gray CLAY LOAM				
		592.80	9	S		MEDIUM gray/tan dirty SAND & medium GRAVEL				

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, form 137 (Rev. 8-99)



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ROCK CORE LOG

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Date 12/21/04

ROUTE FA 595 DESCRIPTION P92-118-94 Retaining Wall D, along John Deere Road LOGGED BY W. Garza
SECTION 1-1 LOCATION SEC. TWP. RNG.
COUNTY Rock Island CORING METHOD

STRUCT. NO.	STATION	DEPTH (ft)	RECOVERY (%)	RECOVERY (%)	RECOVERY (%)	CORE LENGTH (ft)	STRENGTH (tsf)
081-W006	78+40	96.00					
		576.30	1	95	43	1.8	
		571.30	2	100	13	2.8	

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2936)
BBS, form 138 (Rev. 8-99)

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

Illinois Firm Registration No. 84-00513

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SOIL BORING AND ROCK CORE LOG B-7
RETAINING WALL D ALONG
IL ROUTE 5
FA 595 (IL ROUTE 5) SECTION 1-1
ROCK ISLAND COUNTY
STA 76+50.00 TO STA 81+70.00
STRUCTURE NO. 081-W006