

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
595	1-1	ROCK ISLAND	239	157	13
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT		
Contract No. 84986					



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 12/3/04

ROUTE FA 595 DESCRIPTION P82-118-94 Retaining Wall D, at John Deere Road and Indian Hill 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 (in)	UCS (tsf)	M-O-S-T (%)	DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (Hrs.)
081-W006	81+25	0				MEDIUM brown SILTY CLAY LOAM				
		1		0.6	23					
		3	1.4			STIFF brown SILTY CLAY LOAM				
		4								
		5				HARD brown/gray CLAY with SHALE				
		8	6.8		18					
		11				DENSE tan weathered SHALE				
		16								
		23								
		14				VERY DENSE tan weathered SHALE				
		20								
		54								
		22				VERY DENSE gray weathered SHALE				
		37								
		34								
		16				VERY DENSE gray SHALE				
		100/77				Borehole continued with rock coring.				

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 T205)
BBS, form 137 (Rev. 8-99)



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ROCK CORE LOG

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Date 12/3/04

ROUTE FA 595 DESCRIPTION P82-118-94 Retaining Wall D, at John Deere Road and Indian Hill Road LOGGED BY W. Garza
SECTION 1-1 LOCATION SEC. TWP. RNG.
COUNTY Rock Island CORING METHOD

STRUCT. NO.	STATION	DEPTH (ft)	CORING BARREL TYPE & SIZE	RECOVERY (%)	RECOVERED (%)	CORE TIME (min/ft)	STRENGTH (tsf)
081-W006	81+25	0	Core Diameter 1.5 in Top of Rock Elev. 584.00 ft Begin Core Elev. 576.00 ft				
		1		100	35	1.8	
		2		100	67	1.6	1140
		3		90	0	1.8	

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-2938)
BBS, form 138 (Rev. 8-99)



SOIL BORING LOG AND ROCK CORE LOG B-9
RETAINING WALL F ALONG
INDIAN HILL ROAD
FA 595 (IL ROUTE 5) SECTION 1-1
ROCK ISLAND COUNTY
STA 80+86.37 TO STA 13+73.25

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