

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-1	ROCK ISLAND	239	18
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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ROUTE FA 595 DESCRIPTION P92-118-94 Retaining Wall D, at John Deere Road and Indian Hill Road LOGGED BY W. Garza
Date 12/3/04

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)	MOISTURE (%)	DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (ft)	After (Hrs.)
081-W006	81+25	0				MEDIUM brown SILTY CLAY LOAM					
		589.00		0.6	23						
		587.50	1.4	18		STIFF brown SILTY CLAY LOAM					
		585.00	6.8	18		HARD brown/gray CLAY with SHALE					
		582.50				DENSE tan weathered SHALE					
		580.00				VERY DENSE tan weathered SHALE					
		577.50				VERY DENSE gray weathered SHALE					
		576.00				VERY DENSE gray SHALE					
						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 T206)
BBS, form 137 (Rev. 8-99)



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ROCK CORE LOG

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ROUTE FA 595 DESCRIPTION P92-118-94 Retaining Wall D, at John Deere Road and Indian Hill Road LOGGED BY W. Garza
Date 12/3/04

SECTION 1-1 LOCATION SEC. TWP. RNG.

COUNTY Rock Island CORING METHOD

STRUCT. NO.	STATION	CORING BARREL TYPE & SIZE	DEPTH (ft)	CORES (#)	RECOVERY (%)	RECOVERY (min/ft)	CORE LENGTH (tsf)	DESCRIPTION
081-W006	81+25	Core Diameter 1.5 in Top of Rock Elev. 584.00 ft Begin Core Elev. 576.00 ft	0					
			576.00	1	100	35	1.8	Time: 9 min. 100% Recovery gray/redish brown SHALE Shale: Brown, laminated, grading to blocky to 573.0
			570.00	2	100	67	1.6	100% Recovery Sandstone: Light gray, fine grained, dense & poorly bedded with occasional shale partings. T.S.F. 570.7 to 570.1
			565.00	3	90	0	1.8	90% Recovery Sandstone: as above, to 566.5 Shale: Light gray, argillaceous, blocky & soft to end of boring.
			560.00					End of Boring

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)

Illinois Firm Registration No. 84-00633



SOIL BORING LOG AND ROCK CORE LOG B-9
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

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