SOIL BORING – ROCK CORE LOG

CONTRACT NO. 64931

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*595	5HBR	ROCK ISLAND	139	86
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (BLS)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 7/7/05

ROUTE FAP 308 DESCRIPTION P92-082-03 John Deere Road over IL 84, 3.25 m. W. of I-80 LOGGED BY W. Garza

SECTION 5 HB LOCATION Hampton Twp. - 32NE, SEC. , TWP. 18N, RNG. 1E

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station

BORING NO. B-1
Station 23+65
Offset 121.00ft Rt Med CL
Ground Surface Elev. 626.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-5			
-10			
-15			
611.50			
1st Rock Encounter SHALE			
-20			
-25			
-30			
-35			
592.50			
591.50			
Auger Refusal End of Boring			
-40			

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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COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station

BORING NO. B-2
Station 27+10
Offset 70.00ft Rt Med CL
Ground Surface Elev. 618.3 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
$15.80			
1st Rock Encounter SHALE			
-5			
-10			
-15			
601.30			
600.30			
Auger Refusal End of Boring			
-20			

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)

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