

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	14BR & 14BR-1	BUREAU	219	104
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract No. 66731

SHEET NO. 32
32 SHEETS

Illinois Department of Transportation
Division of Highways
District - Materials

SOIL BORING LOG Page 2 of 2

Date 9/24/94

ROUTE FA80 DESCRIPTION I-80 over Spring Creek, 1.7 mi E of IL89; Elevation @ Bridge CL = 100.0 LOGGED BY J. Robertson, D2

SECTION 6-HB-1 LOCATION Hill Twp. SEC. H, TWP. 16N, R16E, 11E

COUNTY Bureau DRILLING METHOD HAMMER TYPE

STRUCT. NO. 400+20
Station 399+50
BORING NO. B-5 WBL
Station 400+49
Offset 8.00 FT LT of CL
Ground Surface Elev. 99.40 ft

Surface Water Elev. 70.90 ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 32.5 ft
Upon Completion 48.9 ft
After Hrs. ft

Hard, brown, Shale with Coal seam
Auger refusal @ 62' (continued)
End of Boring

Hard, brown, shaly, Clay

Hard, brown, Shale with Coal seam
Auger refusal @ 62'

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B)-Dulge, 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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SOIL BORING LOG Page 1 of 2

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COUNTY Bureau DRILLING METHOD HAMMER TYPE

STRUCT. NO. 400+20
Station 400+20
BORING NO. B-5 WBL
Station 400+49
Offset 8.00 FT LT of CL
Ground Surface Elev. 100.20 ft

Surface Water Elev. 73.30 ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 37.5 ft
Upon Completion 41.2 ft
After Hrs. ft

AI: (continued)

Ground Surface No Sample

Medium, gray, Silty Clay with Gravel

Stiff to hard, gray, Till

Medium to very stiff, gray, Sil

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B)-Dulge, S-Shear, P-Penetrometer)
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BORING NO. B-5 WBL
Station 400+49
Offset 8.00 FT LT of CL
Ground Surface Elev. 100.20 ft

Surface Water Elev. 73.30 ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 37.5 ft
Upon Completion 41.2 ft
After Hrs. ft

Stiff to hard, gray, weathered, Shale (continued)

Medium, gray, Shale Bedrock

End of Boring

Stiff to hard, gray, weathered, Shale

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

BORING LOGS
F.A.I. RTE. 80 - SEC. 14BR & 14BR-1
BUREAU COUNTY
STATION 400+22.07
STRUCTURE NO. 006-0165 (E.B.)
STRUCTURE NO. 006-0166 (W.B.)