

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 6/26/03

ROUTE CH 19 DESCRIPTION Jamestown Road over Locust Fork LOGGED BY Mark Schreder

SECTION 02-00074-00-BR LOCATION N 1/2, SW 1/4, SEC. 35, TWP. 4N, RNG. 4W, 3 PM


COUNTY Bond DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 003-3020 Station _____

BORING NO. SB #1 Station 0+92
Offset 8.00ft LT CL
Ground Surface Elev. 99.5 ft (ft) (ft) (tsf) (%)

Soil Description	Depth (ft)	Bulge (ft)	S-Value (S/20)	Penetration (ft)	Penetration (tsf)	Penetration (%)	Elevations (ft)						
							Surface Water	Stream Bed	Groundwater	Ground Surface			
Gray-Brown Silty CLAY	0 - 3						78.0						
Auger Refusal - End of Boring	3 - 4	2.3	S/20	20									
NOTE: Assumed center of bridge to have Station 0+00 and Elevation 100.0 ft													
	4 - 5	0.8	S/20	26									
Brown Silty LOAM	5 - 7	1.4	S/15	17									
	7 - 10	0.7	S/20	21									
	10 - 12	0.5	S/20	22									
Brown Loamy SAND See Gradation @ 20.5 ft	12 - 15	0.3	S/20	25									
	15 - 18												
	18 - 20		NC	22									

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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SECTION 02-00074-00-BR LOCATION N 1/2, SW 1/4, SEC. 35, TWP. 4N, RNG. 4W, 3 PM

COUNTY Bond DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 003-3020 Station _____

BORING NO. SB #2 Station 0+87
Offset 8.00ft RT CL
Ground Surface Elev. 99.5 ft (ft) (ft) (tsf) (%)

Soil Description	Depth (ft)	Bulge (ft)	S-Value (S/20)	Penetration (ft)	Penetration (tsf)	Penetration (%)	Elevations (ft)						
							Surface Water	Stream Bed	Groundwater	Ground Surface			
Brown Silty LOAM	0 - 6						78.5						
	6 - 7	0.7	S/5	18									
Brown Silty CLAY	7 - 9	4.2	S/17	17									
Sandy Clay LOAM	9 - 11	1.6	S/20	15									
	11 - 14	1.5	P	18									
Gray Loamy SAND	14 - 17												
Gray Silty LOAM	17 - 21	0.5	S/20	27									
	21 - 24	0.8	S/20	31									
	24 - 27	0.8	S/20	34									

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DESIGNED	K.M.M.
CHECKED	L.D.G.
DRAWN	K.H.L.
CHECKED	B.G.H.

SOIL BORING LOGS

SHEET NO. 14 14 SHEETS	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	783	02-00074-00-BR	BOND	25	21
	S.N. 003-3050		CONTRACT NO. 97446		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			