

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	177-2	STEPHENSON	386	139
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract No. 64799

BORING B-1b

BORING B-2b

BORING B-3b

Illinois Department of Transportation  
Division of Highways  
District 2, Dixon

**SOIL BORING LOG**

Page 1 of 1  
Date 9/15/03

ROUTE US 20 Freepoint Bypass DESCRIPTION P92-029-02 Frontage Road culverts proposed between Heine Road and IL 26 LOGGED BY C. Jenkins

SECTION 177-3HB-3 LOCATION Harlem Twp. - NE, SEC. 23, TWP. 27N, RNG. 7E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPT H	BLOW S	UCS Qu	MOIST	Surface Water Elev.	DEPT H	BLOW S	UCS Qu	MOIST
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. B-1b					756.4				
Station 103+13					755.7				
Offset 32.00R Rt CL									
Ground Surface Elev. 760.8									
MEDIUM black SILTY LOAM			0.7 P	35					
					738.80				
MEDIUM black SILTY LOAM with 10% ORGANICS		3	0.6 P	44					
					736.30				
SOFT gray SANDY SILT		2	0.4 S	22					
					733.80				
LOOSE gray fine dirty SAND		1							
					731.80				
MEDIUM gray SAND & GRAVEL over gray LIMESTONE		5							
					729.30				
MEDIUM tan SAND with some GRAVEL		8							
					726.80				
Same as above		3							
					724.30				
LOOSE tan fine SAND		4							
					721.80				
Wash VERY STIFF gray CLAY		5	2.5 P	26					
					719.30				
End of Boring									

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)

Illinois Department of Transportation  
Division of Highways  
District 2, Dixon

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Date 9/16/03

ROUTE US 20 Freepoint Bypass DESCRIPTION P92-029-02 Frontage Road proposed culvert between Heine Road and IL 26 LOGGED BY C. Jenkins

SECTION 177-3HB-3 LOCATION Harlem Twp. - NE, SEC. 23, TWP. 27N, RNG. 7E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPT H	BLOW S	UCS Qu	MOIST	Surface Water Elev.	DEPT H	BLOW S	UCS Qu	MOIST
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. B-2b					3.5				
Station 103+13					4.2				
Offset 48.00R Lt CL									
Ground Surface Elev. 760.8									
MEDIUM black SILTY LOAM			1.3 P	31					
					739.30				
MEDIUM black SILTY CLAY with 12% ORGANICS		4	1.0 B	42					
					736.80				
STIFF black SILTY CLAY		2	1.4 P	28					
					733.80				
SOFT gray SILTY LOAM with a SAND Lens with 13% ORGANICS		1	0.3 S	48					
					731.80				
MEDIUM gray/tan weathered LIMESTONE with CHERT		15							
					729.30				
LOOSE tan fine SAND with some GRAVEL		4							
					726.80				
MEDIUM tan fine SAND with some GRAVEL		2							
					724.30				
Same as above		5							
					721.80				
End of Boring									

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
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COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPT H	BLOW S	UCS Qu	MOIST	Surface Water Elev.	DEPT H	BLOW S	UCS Qu	MOIST
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. B-3b					3.4				
Station 103+67					4.1				
Offset 6.00R Rt CL									
Ground Surface Elev. 761.7									
MEDIUM black SILTY CLAY			1.3 P	33					
					739.70				
VERY STIFF black SILTY CLAY		3	2.3 S	30					
					737.20				
SOFT gray/blue CLAY		1	0.4 P	27					
					734.70				
LOOSE gray fine to medium SAND		2							
					732.70				
MEDIUM tan SAND with some GRAVEL		6							
					730.20				
MEDIUM tan SAND & GRAVEL		7							
					727.70				
LOOSE tan SAND & GRAVEL		2							
					725.20				
LOOSE tan fine SAND		2							
					722.70				
End of Boring									

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)

DESIGNED	B. GILHOUSEN
CHECKED	S. GAGE
DRAWN	N. LINT
CHECKED	B. GILHOUSEN



BORING LOGS  
F.A.P. ROUTE 301 SECTION 177-2-1A  
STEPHENSON COUNTY  
STATION 103+72.00  
STRUCTURE NO. 089-2018

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