

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 9 9 SHEETS
F.A.P. 301	29T-1	JO DAVIESS	30	18	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. ROAD PROJECT			

Contract #64C58

SOIL BORING B-1

SOIL BORING B-2

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG Page 1 of 1
Date 9/21/08

ROUTE US 20 DESCRIPTION P92-101-06 Box Culvert on US 20, .6 m. S. of Glen Hollow Road LOGGED BY W. Garza

SECTION LOCATION E. Galena Twp., 35 NE, SEC., TWP. 28N, R9G, 1E

COUNTY Jo Daviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Dietrich Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
BORING NO.	Station	P	L	C	O	Stream Bed Elev.	ft	P	L	C	O
Offset	Ground Surface Elev.	T	H	S	Qu	Groundwater Elev.:	ft	T	H	S	Qu
						First Encounter	ft				
						Upon Completion	ft				
						After	Hrs.				
		(ft)	(/6")	(tsf)	(%)			(ft)	(/6")	(tsf)	(%)
Shoulder											
12" Asphalt				1.3	21	MEDIUM tan dirty weathered LIMESTONE		11			
STIFF brown SILTY CLAY LOAM				P			78.10	12			
MEDIUM brown SILTY CLAY LOAM	97.10		3			VERY DENSE tan weathered LIMESTONE		16			
			4	0.9	25			100/5			
	95.60		5			End of Boring	75.00				
VERY SOFT brown SILTY CLAY											
			1								
	93.10		3	0.2	28						
SOFT brown SILTY CLAY											
			1								
	90.63		2	0.3	24						
			3								
VERY SOFT tan LOAM with weathered LIMESTONE											
			0								
	88.10		2	0.2	20						
			3								
MEDIUM tan SILTY CLAY											
			1	0.6	24						
	85.60		3								
MEDIUM gray SILTY CLAY											
			1								
	83.10		2	0.7	31						
			4								
SOFT gray SILTY LOAM with broken weathered LIMESTONE											
			1								
	80.10		4	0.3	24						
			9								

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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BORING NO.	Station	P	L	C	O	Stream Bed Elev.	ft	P	L	C	O
Offset	Ground Surface Elev.	T	H	S	Qu	Groundwater Elev.:	ft	T	H	S	Qu
						First Encounter	ft				
						Upon Completion	ft				
						After	Hrs.				
		(ft)	(/6")	(tsf)	(%)			(ft)	(/6")	(tsf)	(%)
Asphalt Shoulder 12"						MEDIUM tan weathered LIMESTONE		6			
MEDIUM dark brown SILTY CLAY LOAM				0.8	25		78.10	11			
STIFF brown SILTY CLAY LOAM	97.10		2			VERY DENSE tan weathered LIMESTONE		23			
			3	1.0	26			100/4			
	95.60		5			End of Boring	75.00				
MEDIUM brown SILTY CLAY LOAM											
			0								
	93.10		1	0.7	27						
			3								
SOFT tan LOAM with LIMESTONE fragments											
			2								
	90.63		2	0.3	21						
			3								
SOFT tan LOAM with LIMESTONE fragments											
			2								
	88.10		4	0.3	24						
			4								
MEDIUM tan weathered LIMESTONE											
			7								
	85.60		8								
			8								
MEDIUM tan weathered LIMESTONE											
			9								
	83.10		8								
			11								
LOOSE tan weathered LIMESTONE											
			5								
	80.60		5								
			4								

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BBS, from 137 (Rev. 8-99)

DESIGNED	LAS
CHECKED	DAZ
DRAWN	SAW
CHECKED	LAS

BORING LOG
US ROUTE 20/IL ROUTE 84
OVER UNNAMED TRIBUTARY
TO SMALLPOX CREEK
F.A.P. 301 SECTION 29T-1
JO DAVIESS COUNTY
STATION 924+32.00
STRUCTURE NO. 043-1077