

SOIL BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 7/10/06

ROUTE IL 78 DESCRIPTION P92-011-07 Box culvert on IL 78, .1 m. S. of Meyer Road LOGGED BY P. Drezen

SECTION _____ LOCATION Rush Twp. - 13 NE, SEC. , TWP. 28N, RNG. 4E

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

STRUCT. NO.	Station	D E P T H ft	B L O W S (/6")	U C S (tsf)	M O I S T U R E (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.:	First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	D E P T H ft	B L O W S (/6")	U C S (tsf)	M O I S T U R E (%)
043-1039							92.00		85.7	87.7					
B-2b	+08 S. Culv. Ctr.														
	14.50ft E CL														
	99.70														
MEDIUM brown LOAM				1.0	19.0										
				P			78.20								
STIFF brown LOAM with GRAVEL	97.20		4												
			4	1.3	14.0										
	95.70		4	P			75.70								
STIFF brown SANDY LOAM with GRAVEL			6												
			5	1.3	14.0										
	93.20		4	P			73.20								
SOFT gray SILTY CLAY			1												
			2	0.4	27.0										
	90.70		3	B			70.70								
MEDIUM black SILTY CLAY			1												
			2	0.8	31.0										
	88.20		4	B			68.20								
STIFF black SILTY CLAY			2												
			4	1.5	31.0										
	85.70		4	B			65.20								
STIFF gray SILTY CLAY			1												
			3	1.1	26.0										
	83.20		6	B			63.20								
MEDIUM gray SILTY CLAY			1												
			2	0.6	28.0										
	80.70		2	B											

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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043-1039							92.00		85.3						
B-1b	25' N Culv. Ctr.														
	14.00ft W CL														
	99.30														
MEDIUM brown LOAM				1.0	21.0										
				P			77.80								
MEDIUM brown SILTY LOAM	96.80		2												
			1	0.5	28.0										
	95.30		3	P			75.30								
VERY SOFT brown SILTY CLAY			1												
			1	0.3	29.0										
	92.80		4	P			72.80								
MEDIUM brown SILTY LOAM			1												
			3	0.9	24.0										
	90.30		3	B			70.30								
MEDIUM black SILTY CLAY with 27% ORGANICS			1												
			2	0.7	94.0										
	87.80		3	B			67.30								
STIFF gray/brown SILTY CLAY			1												
			3	1.5	27.0										
	85.30		4	B			65.30								
STIFF brown SILTY CLAY			2												
			3	1.2	27.0										
	82.80		4	B											
MEDIUM brown SILTY CLAY			1												
			3	0.8	28.0										
	80.30		3	B											

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BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
at\pwork\PWIDOT\GOFFJL\dms37299\d81107\logs.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	650	104T-2	JO DAVIESS	53	30
		CHECKED -	REVISED -		CONTRACT NO. 64C79								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								