

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, 1.4 m. S. of Meyer Road LOGGED BY P. Drezen

SECTION _____ LOCATION Rush Twp. - 24 SE, SEC. , TWP. 28N, RNG. 5E

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

STRUCT. NO. 043-1041
Station _____
BORING NO. B-2a
Station +31 S Culv. Ctr.
Offset 14.00ft E CL
Ground Surface Elev. 99.70 ft

DEPTH	BULGE	STRAIN	MOISTURE	SOIL	DEPTH	BULGE	STRAIN	MOISTURE	SOIL
(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)	

DEPTH (ft)	BULGE (/6")	STRAIN (tsf)	MOISTURE (%)	SOIL	DEPTH (ft)	BULGE (/6")	STRAIN (tsf)	MOISTURE (%)	SOIL
				MEDIUM brown LOAM					MEDIUM gray SILTY CLAY
		1.0	22.0	P	78.20				
97.20	3								
		2	1.3						
95.70	3		28.0	P	75.70				
		2							
		2	1.5						
93.20	4		23.0	B	73.20				
		1							
		2	0.9						
90.70	4		29.0	B	70.70				
		1							
		2	0.7						
88.20	4		33.0	B					
		2							
		5	0.8						
85.70	7		23.0	P	67.70				
		4							
		7	0.9						
83.20	6		23.0	B					
		4							
		6	3.1						
80.70	8		20.0	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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Date 7/7/06

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SECTION _____ LOCATION Rush Twp. - 24 SE, SEC. , TWP. 28N, RNG. 5E

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

STRUCT. NO. 043-1041
Station _____
BORING NO. B-1a
Station +33 N Culv. Ctr.
Offset 14.00ft Lt CL
Ground Surface Elev. 99.30 ft

DEPTH	BULGE	STRAIN	MOISTURE	SOIL	DEPTH	BULGE	STRAIN	MOISTURE	SOIL
(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)	

DEPTH (ft)	BULGE (/6")	STRAIN (tsf)	MOISTURE (%)	SOIL	DEPTH (ft)	BULGE (/6")	STRAIN (tsf)	MOISTURE (%)	SOIL
				MEDIUM brown LOAM					VERY SOFT gray SILTY CLAY
		0.8		P	77.80				
96.80	2								
		2	1.0						
95.30	4		16.0	B	75.30				
		1							
		2	0.3						
92.80	3		33.0	B	72.80				
		1							
		3	1.3						
90.30	4		24.0	P	70.30				
		2							
		2	2.0						
87.80	4		21.0	P					
		5							
		8	0.2						
85.30	6		23.0	B	67.30				
		5							
		5	0.5						
82.80	5		23.0	P					
		2							
		5	1.8						
80.30	6		20.0	B					

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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)

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.	
ct\pwwork\pwwdot\goffjl\dms37299\d01107\logs.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	650	104T-2	JO DAVIESS	53	29
		CHECKED -	REVISED -					CONTRACT NO. 64C79				
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							