


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	15T-2	CARROLL	71	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# BORING LOGS



**Illinois Department of Transportation**  
Division of Highways  
IDOT

## SOIL BORING LOG

Page 1 of 1

Date 4/2/07

ROUTE FAP 17 DESCRIPTION P92-078-06 Box Culvert - Relocation \* US 52 culvert, 1/4 mile E. of N. Shannon Road LOGGED BY W. Garza

SECTION 15 T-2 LOCATION SEC. , TWP. , RNG.

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

STRUCT. NO. 008-1029 \* Station                     

BORING NO. B-1d Station 40+45


Offset 9.00ft Rt CL

Ground Surface Elev. 99.7 ft (ft) (/6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (ft)	Penetration (/6")	Penetration (tsf)	Penetration (%)	Soil Description	Depth (ft)	Penetration (ft)	Penetration (/6")	Penetration (tsf)	Penetration (%)
18" Pavement						Surface Water Elev. <u>                    </u> ft					
SOFT gray SILTY CLAY LOAM				.3	26	Stream Bed Elev. <u>95.0</u> ft					
				P		Groundwater Elev.: <u>84.7</u> ft					
						First Encounter <u>                    </u> ft					
						Upon Completion <u>                    </u> ft					
						After <u>                    </u> Hrs.					
SOFT dark gray SILTY LOAM	97.20	1		0.4	33	Wash <u>                    </u> ft					
		2		P							
	95.70	2									
MEDIUM gray SILTY LOAM		2		0.8	29						
		4		B							
	93.20	4									
MEDIUM dark gray SILTY CLAY LOAM		1		0.7	37						
		2		B							
	90.70	3									
SOFT gray LOAM		1									
		1		0.4	28						
	88.20	3		B							
STIFF tan SILTY CLAY with GRAVEL lens		5		1.1	21						
		6		B							
	85.70	4									
STIFF gray/tan SILTY CLAY with fine SAND lens		1		1.3	21						
		2		B							
	83.20	5									
STIFF gray/tan SILTY CLAY		2		1.2	21						
		3		B							
	80.20	5									

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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## SOIL BORING LOG

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Date 6/2/06

ROUTE FAP 17 DESCRIPTION P92-078-06 Box culvert, IL 64 over a ditch, 0.25 m. E. of Shannon Road LOGGED BY P. Drezon

SECTION 15 T-2 LOCATION Lima Twp. - 6 SW, SEC. , TWP. 24N, RNG. 7E

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

STRUCT. NO. 008-1029 Station 670+92

BORING NO. B-2a Station 670+75 WB Lane

Offset 9.00ft N CL

Ground Surface Elev. 100.3 ft (ft) (/6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (ft)	Penetration (/6")	Penetration (tsf)	Penetration (%)	Soil Description	Depth (ft)	Penetration (ft)	Penetration (/6")	Penetration (tsf)	Penetration (%)
MEDIUM black LOAM					24	Surface Water Elev. <u>92.75</u> ft					
						Stream Bed Elev. <u>92.25</u> ft					
						Groundwater Elev.: <u>                    </u> ft					
						First Encounter <u>                    </u> ft					
						Upon Completion <u>                    </u> ft					
						After <u>                    </u> Hrs.					
						Wash <u>                    </u> ft					
STIFF black/brown LOAM	98.30	2		1.4	23						
		3		B							
	96.80	6									
STIFF black LOAM		3		1.5	54						
		4		P							
	94.30	4									
MEDIUM black LOAM with ORGANICS		1		0.6	36						
		2		B							
	91.80	3									
SOFT green SILTY CLAY LOAM		1		0.4	28						
		1		B							
	89.30	3									
SOFT green SILTY CLAY LOAM		1		0.5	25						
		2		P							
	86.80	1									
SOFT green SILTY CLAY LOAM		1		0.3	24						
		1		B							
	83.80	2									
MEDIUM green dirty SAND		1			18						
		4									
	81.80	7									
MEDIUM green dirty fine SAND											

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)

PLOT DATE = Mon Jan 28 07:44:38 2008  
 FILE NAME = C:\Projects\2007\686\4876861\log.dgn  
 PLOT SCALE = 2100:8042 in / in.  
 USER NAME = hansenk

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_