


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	200
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* ROUTE 17 (US 52 / IL 64)				
** (1,2)RS & (3-1)RS-1				

# BORING LOGS



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

## SOIL BORING LOG

Page 1 of 1

Date 8/25/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on US 52, 0.6 m. E. of N. Dauphin Road LOGGED BY C. Jenkins


SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll Twp. - NE, SEC. 7, TWP. 24N, RNG. 3E

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

STRUCT. NO. Station	D E P T H	B L O W S	U N D ER S T R I K E	M O D E L	Surface Water Elev. Stream Bed Elev.	ft	D E P T H	B L O W S	U N D ER S T R I K E	M O D E L
BORING NO. <u>B-1h</u> Station <u>275+06</u> Offset <u>13.00ft R1 CL</u> Ground Surface Elev. <u>99.5</u> ft					Groundwater Elev.: First Encounter <u>Dry</u> ft Upon Completion <u>None</u> ft After <u>Hrs.</u> ft					
MEDIUM tan SANDY LOAM with GRAVEL			0.5	13	MEDIUM tan SILT		2	0.5	25	
			P			78.00	4	B		
MEDIUM tan SANDY LOAM with GRAVEL	97.00	6			SOFT tan SILT		1			
		5	0.6	12		75.50	3	0.3	26	
	95.50	6	P				3	S		
MEDIUM tan SILT with GRAVEL		6			STIFF gray SILT	-25	1			
		16	0.8	11		73.00	3	1.1	25	
	93.00	12	P				4	B		
MEDIUM gray SILTY LOAM		2			STIFF gray SILTY LOAM		1			
		4	0.5	20		70.50	3	1.3	24	
	90.50	5	B				5	S		
MEDIUM brown SILTY LOAM		4			VERY STIFF gray/green SHALEY CLAY with CHERT	-30	4			
		3	1.0	24		68.00	6	3.8	21	
	88.00	4	S				10	P		
STIFF tan SILTY LOAM		2			HARD gray/tan SHALEY CLAY		6			
		3	1.1	24		65.00	9	5.1	19	
	85.50	5	S				13	S		
MEDIUM tan SILT		2			DENSE gray/tan SHALE	-35	26			
		4	0.8	24		63.00	17			
	83.00	5	S				23			
SOFT tan/gray SILT		0			VERY DENSE gray/green SHALE with LIMESTONE fragments		12			
		2	0.4	26		60.50	52			
	80.50	4	S		End of Boring		20			
						-40				

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  
IDOT

## SOIL BORING LOG

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Date 8/19/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on US 52, 1/4 m. E. of N. Dauphin Road LOGGED BY C. Jenkins

SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll Twp. - NW, SEC. 7, TWP. 24N, RNG. 4E

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

STRUCT. NO. Station	D E P T H	B L O W S	U N D ER S T R I K E	M O D E L	Surface Water Elev. Stream Bed Elev.	ft	D E P T H	B L O W S	U N D ER S T R I K E	M O D E L
BORING NO. <u>B-1i</u> Station <u>259+08</u> Offset <u>13.00ft R1 CL</u> Ground Surface Elev. <u>99.9</u> ft					Groundwater Elev.: First Encounter <u>None</u> ft Upon Completion <u>None</u> ft After <u>Hrs.</u> ft					
STIFF tan SILTY LOAM with GRAVEL			1.1	13	MEDIUM gray with rust SILT		0			
			P			77.90	2	0.6	25	
							3	B		
VERY STIFF gray/green SILTY LOAM	96.90	5			SOFT tan with rust SILT		1			
		7	2.5	19		75.40	2	0.3	26	
	95.40	10	S				3	B		
VERY STIFF gray SILTY LOAM		3			MEDIUM tan/gray SILTY LOAM	-25	0			
		7	2.1	19		72.90	2	0.9	24	
	92.90	7	S				3	B		
STIFF brown SILT		3			SOFT gray SILT		1			
		5	1.3	22		70.40	1	0.3	28	
	90.40	6	S				2	B		
STIFF tan SILT		2			No sample	-30	0			
		3	1.1	19		67.90	2			
	87.90	3	S				4			
STIFF brown SILT		2			VERY STIFF gray/brown CLAY with LIMESTONE fragments		4			
		3	1.1	17		64.90	7	2.3	26	
	85.40	5	P				10	B		
MEDIUM tan/gray SILT		1			MEDIUM gray SHALE with LIMESTONE fragments	-35	6			
		2	0.6	25		62.90	11			
	82.90	3	P				16			
SOFT gray SILT		1			DENSE blue/green SHALE with LIMESTONE fragments		10			
		1	0.3	25		60.40	14			
	80.40	2	B				17			
						-40				

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 = Fri Mar 23 06:20:33 2007  
 FILE NAME = c:\pco\pco\pco\207489\489\489log.dgn  
 PLOT SCALE = 50.00000 / IN.  
 USER NAME = hersonsb

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY		CHECKED BY

# BORING LOGS