


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	197
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

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Date 8/6/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on US 52, .3 m. E. of Scenic Bluff Road LOGGED BY C. Jenkins


SECTION (1, 2, 3-1) RS LOCATION Savanna Twp. - SW, SEC. 1, 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 C S Qu T	M O S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S Qu T	M O S T
206+56					None ft 63.0 ft				
B-1e 206+42					Groundwater Elev.: First Encounter 66.1 ft Upon Completion Wash ft After Hrs.				
19.00ft RI EB CL 99.1 ft									
MEDIUM tan SILTY LOAM (went thru about 6" old concrete)			0.5	20	MEDIUM tan SILT		2		
			P				3	0.6	18
						77.10	2		
STIFF tan SILTY LOAM	3			18	Same as above		2		
	3	1.2					3	0.6	22
	4	P				74.60	5	B	
						-25			
STIFF tan/gray SILT	3			15	SOFT tan SILT		1		
	2	1.5					3	0.3	26
	8	P				72.10	4	P	
VERY STIFF gray/green SILTY CLAY	3			20	MEDIUM tan SILT		1		
	3	2.3					2	0.5	27
	5	S				69.60	3	S	
Note: at 10', went another +4" concrete						-10			
Void under concrete	0				SOFT gray SILTY LOAM		0		
	0						1	0.3	26
Note: Another 6" concrete						87.10	3	B	
	0								
MEDIUM tan SILTY LOAM	1			23	MEDIUM gray SILTY LOAM		0		
	2	0.7					3	0.6	26
	3	P				84.60	3	B	
						-15			
STIFF tan SILTY LOAM	3			22	STIFF blue/green SILTY CLAY		2		
	4	1.5					3	1.6	23
	6	B				82.10	4	B	
MEDIUM tan SILTY LOAM	4			20	VERY STIFF gray CLAY		1		
	4	0.6					3	2.1	28
	5	S				79.60	4	B	
						-20			

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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206+56					None ft 63.0 ft				
B-1e 206+42					Groundwater Elev.: First Encounter 66.1 ft Upon Completion Wash ft After Hrs.				
19.00ft RI EB CL 99.1 ft									
VERY STIFF tan SILTY CLAY	3			32			5	2.5	
	5					57.10	5	S	
VERY STIFF tan CLAY	4			29			4	3.2	
	4					54.60	7	S	
						-45			
STIFF tan CLAY	3			34			4	1.6	
	4					52.10	5	S	
SOFT tan/brown SILTY LOAM	4			26			4	0.3	
	4					49.60	3	P	
						-50			
STIFF tan/orange SILT	1			31			3	1.3	
	3					47.10	6	P	
Begin Wash HARD tan/mauve SILTY CLAY TILL	2			27			4	4.1	
	4					44.60	8	S	
						-55			
Wash						43.10	100/4.5"		
							PEN		
VERY DENSE tan weathered LIMESTONE									
End of Boring at 5' 9 1/2" End of Boring									

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BBS, from 137 (Rev. 8-99)

PLOT DATE = Fri, Mar 23 08:26:36 2007
 PLOT SCALE = 50.0000 / IN.
 USER NAME = harscoke

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

BORING LOGS