


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	196
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 8/7/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on US 52, 0.8 m. E. of Scenic Bluff Road LOGGED BY C. Jenkins


SECTION (1, 2, 3-1) RS LOCATION SEC., TWP., RNG.

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	M O D E	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O D E
BORING NO. <u>B-1d</u> Station <u>233+11</u> Offset <u>18.00ft R/EB CL</u> Ground Surface Elev. <u>100.0</u> ft					None ft None ft				
MEDIUM tan SILTY LOAM			0.6	19					
			P				1		
							3	0.9	21
							6	P	
									78.00
MEDIUM tan SILTY LOAM with some GRAVEL			1						
			2	0.5	23				
			3	P					
									75.50
									-25
SOFT tan SILTY LOAM TILL			0						
			1	0.3	26				
			2	B					
									73.00
STIFF gray SILTY LOAM TILL with GRAVEL			4		21				
			3	1.2					
			6	S					
									70.50
									-30
STIFF gray/green SILTY LOAM			3		22				
			3	1.4					
			6	P					
									68.00
MEDIUM tan SILT			1		25				
			3	0.5					
			4	S					
									65.50
									-35
Same as above			1		18				
			2	0.5					
			4	S					
									62.50
Same as above			3		16				
			4	0.6					
			5	S					
									60.50
									-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)



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BORING NO. <u>B-1d</u> Station <u>233+11</u> Offset <u>18.00ft R/EB CL</u> Ground Surface Elev. <u>100.0</u> ft					None ft None ft				
DENSE yellow/gray weathered LIMESTONE									
									15
									22
									58.00
									17
VERY DENSE tan weathered LIMESTONE									
									12
									21
									55.50
									30
									-45
DENSE tan/yellow weathered LIMESTONE									
									22
									16
									53.00
									21
End of Boring									
									-50
									-55
									-60

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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)

PLOT DATE = Fri Mar 23 06:26:35 2007
 FILE NAME = c:\projects\207480\107480.dgn
 PLOT SCALE = 56.0000 / 1 IN.
 USER NAME = hmsm

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

DRAWN BY
CHECKED BY