


BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

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Date 4/5/07

ROUTE IL 40 DESCRIPTION P92-052-07 IL 40 culvert, .8 m. S. of E. Timber Lake Road LOGGED BY W. Garza


SECTION _____ LOCATION Salem Twp. - 26SW, SEC. , TWP. 24N, RNG. 5E

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

STRUCT. NO. Station	D P T H	B O W S	U S Qu	M O S T	Surface Water Elev.		D P T H	B O W S	U S Qu	M O S T
					ft	(ft)				
008-1042					93.10					
					92.60					
B-1					79.8					
18' S.					79.8					
11.00R E CL										
99.80										
21" Asphalt			0.5	22.0						
MEDIUM dark brown SILTY CLAY LOAM			P							
97.30		1								
MEDIUM brown SILTY CLAY LOAM		1	0.6	25.0						
95.80		2	P							
MEDIUM dark gray SILTY LOAM		1								
93.30		2	B	36.0						
MEDIUM dark gray SILTY LOAM		1								
90.80		2	0.5	40.0						
STIFF black SILTY CLAY		1								
88.30		5	1.1	34.0						
MEDIUM gray SILTY CLAY		2								
85.80		3	0.6	35.0						
SOFT gray SILTY CLAY		1								
82.80		2	0.3	35.0						
MEDIUM tan weathered LIMESTONE, moist		0								
80.80		7								
		9								

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 8/14/06

ROUTE IL 40 DESCRIPTION P92-052-07 IL 40 Box Culvert, .6 m. N. of East Salem Road LOGGED BY W. Garza

SECTION _____ LOCATION Salem Twp. - 26 NW, SEC. , TWP. 24N, RNG. 5E

COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D P T H	B O W S	U S Qu	M O S T	Surface Water Elev.		D P T H	B O W S	U S Qu	M O S T
					ft	(ft)				
008-1096					93.30					
					93.00					
B-1b					83.3					
30' N.					88.3					
12.00R E CL										
100.30										
MEDIUM brown SILTY CLAY LOAM			0.5	23.0						
98.30		1	P							
STIFF brown CLAY LOAM		2	1.5	16.0						
96.80		4	B							
MEDIUM tan/brown SILTY CLAY LOAM		2								
94.30		4	0.6	21.0						
MEDIUM dark gray SILTY LOAM		1								
91.80		3	0.5	44.0						
MEDIUM dark gray SILTY CLAY LOAM		1								
89.30		2	0.8	28.0						
STIFF gray SILTY CLAY LOAM		1								
86.80		2	1.2	32.0						
MEDIUM gray SILTY CLAY TILL		1								
83.80		3	0.6	32.0						
LOOSE/MEDIUM light gray SANDSTONE		1								
81.80		3								
		7								

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)