


Contract # 64970
 ** (W-15d) T-1



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

SOIL BORING LOG

Page 1 of 1
 Date 7/4/06

ROUTE FAP 505 DESCRIPTION P92-102-06 IL 75 box culvert, 1 m. W. of Weber Road LOGGED BY J. Strating


SECTION (W-15d)T-1 LOCATION Durand Twp. - 14 SW, SEC., TWP. 28N, RNG. 10E

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

STRUCT. NO. Station	D E P T H	B L O S S	U C S	M O S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O S S	U C S	M O S T
101-1044 11054+42					96.00 ft 96.00 ft				
B-1a + 12 W of CL 10.00ft N CL					87.8 ft 61.3 ft				
99.80									
MEDIUM brown SILTY CLAY LOAM			0.5	24.0	STIFF tan LOAM TILL (continued)	78.80	5	2.0	11.0
			P				8	B	
97.80		2			STIFF tan LOAM TILL		6		
		2	1.3	24.0			6	1.5	11.0
96.30		5	P			76.30	8	B	
		2			VERY STIFF tan LOAM TILL		9		
		2	0.8	26.0		73.80	12	2.5	10.0
93.80		3	B				14	P	
		1			VERY STIFF gray LOAM TILL		8		
		1	0.5	44.0		71.30	15		9.0
91.30		3	B				22		
		1			HARD gray LOAM TILL with LIMESTONE		22		
		3	0.9	26.0		-30	25		8.0
88.80		2	B			68.80	22		
		1			STIFF gray LOAM TILL		7		
		2	0.2	16.0		66.30	9	2.0	7.0
86.30		2	P				12	P	
		1			VERY STIFF gray LOAM TILL		8		
		1	0.2	14.0		-35	12	2.5	9.0
83.30		3	P			63.80	14	P	
		5			VERY STIFF gray CLAY LOAM TILL		8		
		14					11	3.5	11.0
81.30		13				61.30	13	B	
					End of Boring				
		5				-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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101-1044 11054+42					96.00 ft 96.00 ft				
B-2a 9' E. of CL 10.00ft S CL					85.3 ft 83.3 ft				
99.80									
MEDIUM dark brown SILTY CLAY LOAM			0.5	15.0	STIFF tan LOAM TILL (continued)	78.80	5	1.1	12.0
			P				8	B	
97.80		1			STIFF tan LOAM TILL		6		
		1					6	1.5	12.0
96.30		2				75.80	11	B	
		1			VERY DENSE tan weathered LIMESTONE		32		
		2	0.3	29.0		73.80	1009*		
93.80		2	B		End of Boring				
		0							
		1	0.3	34.0					
91.30		3	P						
		1							
		3	0.9	31.0					
88.30		3	B						
		1			MEDIUM tan weathered LIMESTONE ledge		9		
		9				66.30	5		
86.30									
		1			MEDIUM tan LOAM TILL		1		
		3	0.8	13.0		-35	3		
83.80		4	P				4		
		1			MEDIUM tan LOAM TILL		1		
		3	0.6	9.0			3		
81.30		6	B				6		
		1			STIFF tan LOAM TILL		1		
						-40			

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BBS, from 137 (Rev. 8-99)

3/4/2009 K:\1179214\Structures\3 cell.dgn

 Excellence through Ownership 200 West Front Street Wheaton, IL 60187	ILLINOIS DEPARTMENT OF TRANSPORTATION BORINGS IL-75 OVER UNNAMED TRIBUTARY TO SOUTH BRANCH OTTER CREEK FAP RTE 505 - SECTION (W-15d)T-1 WINNEBAGO COUNTY STATION 11054+39 STRUCTURE NO. 101-1083 DATE: 3/03/2009 DRAWN BY JMT CHECKED BY BLB
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