


* 14RS-2, 122RS-3 & (123NRS,14)BR


Illinois Department of Transportation
 SOIL BORING LOG


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 Date 9/15/02

ROUTE FAP Route 749 (IL 153)	DESCRIPTION 2.5 Miles East of Redman	LOGGED BY CNA
SECTION 12NRS,14BR	LOCATION NW, SEC. 36, TWP. 14N, RNG. 15W, 2nd PM	
COUNTY Edgar	DRILLING METHOD Hollow Stem Auger	HAMMER TYPE Automatic

STRUCT. NO. Station	D B U M				Surface Water Elev. Dry - ft	
	E	L	C	O		
023-2012 267+52.3	P	O	S	I		678.7
BORING NO. 1 West Borings	T	W	S	S		
Station 267+49	H	S	Q	T		
Offset 13.9 ft R.						
Ground Surface Elev. 692.8 ft	(R)	(P)	(nd)	(%)		
Black Silty Clay Loam & Coarse Sand (checked)						
678.9	3					
Gray/Brown Mottled Silty Clay				30		
677.9	2					
Brown/Gray Mottled Sandy Clay Loam to Loam						
674.8	0	0.7	30			
Gray Sandy Clay Loam Till						
674.6	1					
	1	1.7	18			
	3					
	1					
	3	1.4	14			
	6					
	1					
	2	2.6	12			
	6					
End of Boring 697.8						

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
 The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Diagn, S-Shear, P-Penetrometer)
 The SPT (N Value) is the sum of the last two blow values in each sampling zone (ASTM D 1586)

BBS, from 127 (Rev. 8-89)


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ROUTE FAP Route 749 (IL 153)	DESCRIPTION 2.5 Miles East of Redman	LOGGED BY CNA
SECTION 12NRS,14BR	LOCATION NW, SEC. 36, TWP. 14N, RNG. 15W, 2nd PM	
COUNTY Edgar	DRILLING METHOD Hollow Stem Auger	HAMMER TYPE Automatic

STRUCT. NO. Station	D B U M				Surface Water Elev. Dry - ft	
	E	L	C	O		
023-2012 267+52.3	P	O	S	I		678.7
BORING NO. 2 East Borings	T	W	S	S		
Station 267+50	H	S	Q	T		
Offset 13.9 ft L.						
Ground Surface Elev. 693.0 ft	(R)	(P)	(nd)	(%)		
Black Silty Clay Loam						
683.0						
	2					
	4	2.9	21			
	4					
	3					
	2	1.6	20			
	4					
678.9						
Gray/Brown Mottled Silty Clay Gray Coarse Sand Seam						
678.8	1	0.6	34			
Brown Dirty Sand & Silty Mud						
674.8	2					
Gray Sandy Clay Loam Till						
674.6	3		14			
	4					
	1					
	2	1.3	14			
	5					
	2					
	3	1.6	18			
	6					
	2					
	5	3.0	12			
	7					
End of Boring 688.9						

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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 The SPT (N Value) is the sum of the last two blow values in each sampling zone (ASTM D 1586)

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 Date 10/15/02

ROUTE FAP Route 749 (IL 153)	DESCRIPTION 1 Mile East of Redman	LOGGED BY CNA
SECTION 12NRS,14BR	LOCATION SW, SEC. 27, TWP. 14N, RNG. 15W, 2nd PM	
COUNTY Edgar	DRILLING METHOD Hollow Stem Auger	HAMMER TYPE Automatic

STRUCT. NO. Station	D B U M				Surface Water Elev. Dry - ft	
	E	L	C	O		
023-2012 260+24.3	P	O	S	I		674.2
BORING NO. 3 West Borings	T	W	S	S		
Station 279+59	H	S	Q	T		
Offset 15.0 ft R.						
Ground Surface Elev. 679.9 ft	(R)	(P)	(nd)	(%)		
Black Mottled Silty Clay Loam						
683.0						
	3					
	3	3.9	14			
	4					
	2					
	3	3.9	19			
	4					
677.8						
Brown/Gray Mottled Sandy Clay Loam						
674.4	1					
	1	0.7	28			
	2					
	2					
688.4						
Gray Clay Loam Till						
688.2						
	2					
	3	3.0	11			
	6					
	2					
	6	5.4	11			
	7					
	5					
	7	7.4	11			
	11					
End of Boring 689.2						

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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 The SPT (N Value) is the sum of the last two blow values in each sampling zone (ASTM D 1586)

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