

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 District Nine Materials  
 Bridge Foundation Boring Log  
 Sheet 1 of 1  
 Route: ILL 34 Structure Number: 076-2001 Date: 09/10/2003  
 Section 3B Bored By: Bryan Keller  
 County: Pope Location: 2.1 MI S. Saline Co. Checked By: Rob Graeff

Boring No 1-S	D	B			Surf Wat Elev: 410.9	D	B		
Station 704+01	E	L			Ground Water Elevation	E	L		
Offset 11' RT CL	P	O	Qu	W%	when Drilling 407.9	P	O	Qu	W%
Ground Surface 419.9 Ft	T	W	tsf		At Completion	T	W	tsf	W%
	H				At: Hrs:	H			
Bituminous Pavement					Cored from 25.0 ft to 30.0 ft				
418.4					Hard dry, grey, Limestone with Clay Shale Seams and Layers				
Soft to medium, very moist, brown, Clay Loam A-6	1		0.5B	19	88% Recovery				
	2				0% RQD				
415.4									
Soft, very moist, brown, Silty Clay Loam A-6 with some Gravel	5.0	WH			Cored from 30.0 ft to 35.0 ft	389.9	30.0		
	1		0.4B	18	Hard, dry, grey, Clay Shale				
	1				100% Recovery				
					45% RQD				
	WH								
	WH		0.4B	21					
	WH								
410.4									
Medium, moist, brown, Sandy Gravel	10.0	2			Cored from 35.0 ft to 40.0 ft	384.9	35.0		
	10			13	Hard, dry, grey, Clay Shale				
	10				100% Recovery				
					33% RQD				
407.9									
Very dense, wet, brown to grey, Sandy Gravel	1								
	23								
	63								
405.4									
Hard, dry, grey, Clay Shale	15.0	100/6"			Bottom of hole = 40.0 ft.	379.9	40.0		
					Cored from 15.0 ft to 20.0 ft				
					Hard, dry, grey, Sandstone with Clay Shale Seams and layers				
					50% Recovery				
					0% RQD				
					Free water observed at 12.0 ft.				
					Elevation referenced to crown of finished roadway at CL of Structure; Elevation = 420.0 ft.				
399.9	20.0				To convert "N" values to "N60" values multiply by 1.25.		45.0		
394.9	25.0						50.0		

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 District Nine Materials  
 Bridge Foundation Boring Log  
 Sheet 1 of 1  
 Route: ILL 34 Structure Number: 076-2001 Date: 09/11/2003  
 Section 3B Bored By: Bryan Keller  
 County: Pope Location: 2.1 MI S. Saline Co. Checked By: Rob Graeff

Boring No 2-S	D	B			Surf Wat Elev: 410.9	D	B		
Station 704+80	E	L			Ground Water Elevation	E	L		
Offset 11' LT CL	P	O	Qu	W%	when Drilling 410.2	P	O	Qu	W%
Ground Surface 419.7 Ft	T	W	tsf		At Completion	T	W	tsf	W%
	H				At: Hrs:	H			
Bituminous Pavement					Cored from 27.5 ft to 32.0 ft.				
418.2					Hard, dry, grey, Clay Shale				
Soft, very moist, brown, Silty Clay Loam A-6	1	0.3B		19	97% Recovery				392.2
	1				87% RQD				
	5.0	WH					30.0		
	1		0.4B	25					
	WH								
	WH		0.4B	19					387.2
	WH								
					Bottom of hole = 32.5 ft.				
					Free water observed at 9.5 ft.				
410.2									
Medium, wet, brown, Sandy Gravel	10.0	1			Elevation referenced to Crown of finished roadway at Cl of Structure; Elev = 420.0 ft		35.0		
	6			15					
	5								
					To convert "N" values to "N60" values multiply by 1.25.				
407.7									
Hard, dry, brown, Sandstone	100/1"								
					Cored from 12.5 ft to 17.5 ft				
					Hard, dry, brown to grey, Sandstone with Clay Shale Seams				
					100% Recovery				
	15.0				45% RQD		40.0		
402.2									
Cored from 17.5 ft to 22.5 ft					Hard, dry, grey, Sandstone				
					100% Recovery				
					27% RQD				
	20.0						45.0		
387.2									
Cored from 22.5 ft to 27.5 ft					Hard dry, grey, Limestone with Clay Shale seams and layers				
					97% Recovery				
					71% RQD		50.0		
	25.0								

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