

ILLINOIS DEPARTMENT OF TRANSPORTATION										Bridge Foundation Boring Log			
District Nine Materials										Sheet 1 of 1			
ILL Over Stream		Route: ILL 34				Structure Number: 076-2001				Date: 09/10/2003			
Section 3B		Location: 2.1 MI S. Saline Co.				Bored By: Bryan Keller				Checked By: Rob Graeff			
County: Pope		Boring No 1-S				Station 704+01				Offset 11' RT CL			
Ground Surface 419.9 Ft		D E P T H				B L O W				Q u t s f			
		W %				S u r f W a t E l e v :				D E P T H			
Bituminous Pavement										Surf Wat Elev: 410.9			
418.4										Ground Water Elevation			
Soft to medium, very moist, brown, Clay Loam A-6		1 2				0.5B 19				407.9			
415.4		5.0				WH				389.9 30.0			
Soft, very moist, brown, Silty Clay Loam A-6 with some Gravel		1 1				0.4B 18				Cored from 30.0 ft to 35.0 ft Hard, dry, grey, Clay Shale 100% Recovery 45% RQD			
410.4		WH WH WH				0.4B 21							
Medium, moist, brown, Sandy Gravel		10.0				2				384.9 35.0			
407.9		10 10				13				Cored from 35.0 ft to 40.0 ft Hard, dry, grey, Clay Shale 100% Recovery 33% RQD			
Very dense, wet, brown to grey, Sandy Gravel		1 23 63											
405.4		15.0				100/6"				379.9 40.0			
Hard, dry, grey, Clay Shale		Cored from 15.0 ft to 20.0 ft Hard, dry, grey, Sandstone with Clay Shale Seams and layers 50% Recovery 0% RQD								Bottom of hole = 40.0 ft. 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.			
Cored from 20.0 ft to 25.0 ft Hard, dry, grey Limestone with Clay Shale seams 47% Recovery 43% RQD										45.0			
394.9		25.0								50.0			

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

ILLINOIS DEPARTMENT OF TRANSPORTATION										Bridge Foundation Boring Log			
District Nine Materials										Sheet 1 of 1			
ILL Over Stream		Route: ILL 34				Structure Number: 076-2001				Date: 09/11/2003			
Section 3B		Location: 2.1 MI S. Saline Co.				Bored By: Bryan Keller				Checked By: Rob Graeff			
County: Pope		Boring No 2-S				Station 704+80				Offset 11' LT CL			
Ground Surface 419.7 Ft		D E P T H				B L O W				Q u t s f			
		W %				S u r f W a t E l e v :				D E P T H			
Bituminous Pavement										Surf Wat Elev: 410.9			
418.2										Ground Water Elevation			
Soft, very moist, brown, Silty Clay Loam A-6		1 1				0.3B 19				410.2			
392.2		5.0				WH				392.2			
Cored from 27.5 ft to 32.0 ft. Hard, dry, grey, Clay Shale 97% Recovery 87% RQD		WH WH WH				0.4B 25				Cored from 27.5 ft to 32.0 ft. Hard, dry, grey, Clay Shale 97% Recovery 87% RQD			
387.2		WH WH WH				0.4B 19				Bottom of hole = 32.5 ft.			
410.2		10.0				1				35.0			
Medium, wet, brown, Sandy Gravel		6 5				15				Elevation referenced to Crown of finished roadway at Cl of Structure; Elev = 420.0 ft			
407.7		100/1"								To convert "N" values to "N60" values multiply by 1.25.			
Hard, dry, brown, Sandstone		Cored from 12.5 ft to 17.5 ft Hard, dry, brown to grey, Sandstone with Clay Shale Seams 100% Recovery 45% RQD								40.0			
402.2		15.0											
Cored from 17.5 ft to 22.5 ft Hard, dry, grey, Sandstone 100% Recovery 27% RQD										45.0			
397.2		20.0											
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													

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