

Illinois Department of Transportation
SKS ENGINEERS, INC.
SOIL BORING LOG
 Page 1 of 2
 Date 05/01/2001

ROUTE IL Rt. 93 DESCRIPTION Rt. 33 Bridge Borings - Existing No. SN-025-0097 LOGGED BY T. Skinner/D. Baldwin
 SECTION LOCATION Effingham SEC. TWP. RNG. PM
 COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Safety

STRUCT. NO. SN-025-0097-new
 Station 532+10
 Offset 5' 11"

BORING NO. B-2
 Station 532+10
 Offset 5' 11"

Ground Surface Elev. 581.4 ft (ft) (ft) (ft) (ft) (ft)

DEPTH (ft)	(ft)	(ft)	(ft)	(ft)	(ft)	SOIL DESCRIPTION	DEPTH (ft)	(ft)	(ft)	(ft)	(ft)
0	41	19				7" Asphalt	41				7
0	19					18" Reinforced Concrete	19				
2						gray					
3						Silty Clay Loam - Mottled	21				
5	1.0	25				Brown, moist, stiff, low-medium plasticity, trace sand, trace gravel, organics - A-D	24	9			8
5							34				
4						Silty Clay Loam, Mottled	19				
4		22				Brown-Gray, moist, firm-stiff, medium plasticity, trace-fine sand - A-B	25				9
4							35				
7						Silty Clay Loam - Brown-Gray, moist, stiff, medium plasticity, trace sand, trace gravel - A-B	26	8.7			9
4	1.2	21				- driven on rock - brown	34				
6											
6						* free water @ 30.0'	30	15			
6		19					24	9.9			10
8							36				
12.0						- organics					
12						- dark gray	31				
20	8.1	9				- clayey sand seam	23	9.8			10
25							25				
15							35	15			10
28		8					46				
32							14+				
19							10				
28	11	8				Shale - weathered	38	25	1.5		18
34							35+				
39							40	60+			

END OF BORING @ 43.5 ft.
 Boring backfilled with spot and capped with concrete upon completion.

BORING NO.	DEPTH (FT)	BLOWS	INCHES AT BLOWS
B-2	38	14	1
	39.5	35	2
	40	86	2
	42.5	60	2

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 137 (3/01)

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ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
 ILLINOIS ROUTE 33 OVER
 BISHOP CREEK
 F.A.P. RTE. 95
 SECTION 6B-1
 EFFINGHAM COUNTY
 Sta. 531+80
 STRUCTURE NUMBER 025-0097

DATE: APR. 2002
 DRAWN BY: BDM
 CHECKED BY: SJK