

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SBI 4 OLD IL 4	(L-15D)B	Macoupin	21	16
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 4
4 SHEETS

CONTRACT NO. 72291

Illinois Department of Transportation
Division of Highways
1001 District 6

SOIL BORING LOG

Page 1 of 1
Date 5/20/02

ROUTE SBI 4 (Old IL 4) DESCRIPTION over Shearles Branch Tributary LOGGED BY M. Tappan

SECTION (L-15D)B LOCATION SE 1/4, SEC. 8, TWP. 1 N, RNG. 6 W, 3 PM

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 059-0046
Station 10+00

BORING NO. 1 SW WW
Station 9+83
Offset 12.00ft Left
Ground Surface Elev. 645.2 ft

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	WATER	REMARKS
0		Grey V. Moist SILTY CLAY LOAM (Fill)		
1				
1	0.4	Brown and Grey to Grey Moist Clayey SHALE		
1	B			
3		V. Dark Grey Moist CLAY		
4	1.9	B		
1		Dark Grey		
1	0.9	Grey Dry Fissile Clayey SHALE		
3	B			
6		Grey and Brown Dry CLAY LOAM (Till)		
16	7.7			
22	S-10			
5		Greyish Brown Moist Weathered Clayey SHALE		
14	9.2			
23	B			
5		Free Water		
18	8.0			
30	E			
4				
20	9.0			
34	E			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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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ROUTE SBI 4 (Old IL 4) DESCRIPTION over Shearles Branch Tributary LOGGED BY M. Tappan

SECTION (L-15D)B LOCATION SE 1/4, SEC. 8, TWP. 1 N, RNG. 6 W, 3 PM

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 059-0046
Station 10+00

BORING NO. 2 NE WW
Station 10+17
Offset 12.00ft Right
Ground Surface Elev. 645.1 ft

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	WATER	REMARKS
0		Dark Grey Moist SILTY CLAY LOAM (Fill)		
0		Brown and Grey Moist Clayey SHALE (continued)		
1	0.5			
1	B			
2		V. Dark Grey Moist CLAY		
2	0.8	B		
0		Grey Dry Fissile Clayey SHALE		
1	0.7			
2	B			
2		Grey and Brown Dry CLAY LOAM (Till)		
12	7.5			
13	S-9			
8		Grey and Brown Moist Weathered Clayey SHALE		
13	4.0			
13	E			
4				
15	6.5			
25	E			
3		Brown and Grey Moist Clayey SHALE		
16	10.0			
47	E			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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)

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

BORING LOGS
OLD IL ROUTE 4 OVER
SHEARLES BRANCH TRIBUTARY
SBI ROUTE 4 - SECTION (L-15D)B
MACOUPIN COUNTY
STATION 1616+70
STRUCTURE NO. 059-2502