

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	ST. CLAIR	347	145
STA.		TD STA.		
CONTRACT # 7683		ILLINOIS	FED. AID PROJECT	

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 1 of 1  
Date 9/19/01

ROUTE FAP 600 DESCRIPTION IL 159 over Box Culvert South of Brick School Rd. LOGGED BY Larry Ford

SECTION 51RS-3 LOCATION SW 14, SEC. 21, TWP. 2S, RNG. 8W, 3 PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. \_\_\_\_\_  
Station \_\_\_\_\_  
BORING NO. 4 W. Side  
Station 25+879.5  
Offset 3.59m LT CL  
Ground Surface Elev. 138.40 m

DEPTH (m)	DEPTH (ft)	SOIL DESCRIPTION	UCS Failure Mode	SPT (N)
0	0	Gray CLAY LOAM with large GRAVEL (continued)	9	144 S/10 21
1.8	5.9	Gray SANDY SILTSTONE	NC	15
197.2	647.1	Brown SILT LOAM (Back Fill)	130.9 -7.5	503*
198.7	652.1	Brown SILTY CLAY LOAM with some Organics	-3.0	19 25
199.2	653.7	Gray SILTY CLAY	144 S/5	8
194.6	638.5	Brown and Gray LOAM	1 48	21
194.2	637.1	Gray SILTY CLAY	2 96	25
193.4	634.5	Gray CLAY LOAM with large GRAVEL	4 192	19
-6.0	-19.7	End of Boring		

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, from 137 (Rev. 8-99)

**Illinois Department of Transportation**  
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### SOIL BORING LOG

Page 1 of 1  
Date 9/20/01

ROUTE FAP 600 DESCRIPTION Box Culvert North of Club Congress Rd. LOGGED BY Larry Ford

SECTION 51RS-3 LOCATION NW 14, SEC. 28, TWP. 2S, RNG. 8W, 3 PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. \_\_\_\_\_  
Station \_\_\_\_\_  
BORING NO. 1  
Station 24+514  
Offset 8.50m LT CL  
Ground Surface Elev. 133.97 m

DEPTH (m)	DEPTH (ft)	SOIL DESCRIPTION	UCS Failure Mode	SPT (N)
0	0	Gray SILTY CLAY LOAM	0	1 96
1.5	4.9	Gray SILTY CLAY	-1.5	2 163
132.0	433.1	Gray and Brown CLAY LOAM	3 48	19
131.3	430.7	Brown SILTSTONE	-3.0	40 517 S/5 8
129.5	424.9	End of Boring		

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, from 137 (Rev. 8-99)

3/30/2005  
Wednesday March 30, 2005 @ 8:06:08 AM  
c:\projects\ndi3899\plan\borringlog.dgn LV1-63

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SOIL BORING LOGS**  
  
FAP ROUTE 600  
SECTION 51RS-3  
ST. CLAIR & MONROE COUNTIES