

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
Branch Department of Transportation

SOIL BORING LOG

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ROUTE FAI 64 DESCRIPTION IL 159 over FAI 64 (South Abutment Retaining Wall) LOGGED BY Larry Ford
DATE 4/22/02

SECTION 82-1/2.5.61-1R LOCATION NW 1/4, NW 1/4, SEC. 27, TWP. 2N, RNG. 8W, 3 PM

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

STRUCT. NO. 082-0176
Station _____
BORING NO. 43 S. Abut
Station 536+58
Offset 79.00 R.T.
Ground Surface Elev. 573.5 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev. _____ ft
First Encounter _____ ft
Upon Completion _____ ft
After Hrs. _____ ft

DEPTH ft	BLOW COUNT	UCS Failure Mode	SPT N VALUE	SOIL DESCRIPTION	DEPTH ft	BLOW COUNT	UCS Failure Mode	SPT N VALUE
0				Gray Silty CLAY (continued)	2	1.9		
					4	5/15	25	
					5			
					2			
					4	1.7		
					5	5/15	25	
					6			
					2			
					3			
					6	2.2		
					8	5/15	28	
					4	5/15	27	
					2			
					2	1.2		
					2	5/20	31	
					2			
					3	1.8		
					6	5/13	45	
					2			
					2	1.2		
					3	5/15	28	
					2			
					2	1.0		
					4	5/15	28	
					5			
					2	1.4		
					4	5/15	27	

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)

DESIGNED - T.J.Z.
CHECKED - C.W.C.
DRAWN - D.L.H.
CHECKED - C.W.C., S.D.S.

WHKS & CO.
ENGINEERING
7018 KINGSMILL CT.
SPRINGFIELD, IL
(217) 483-9457
DESIGN FIRM #184001036

BORING LOGS
STRUCTURE NO. 082-0176

SHEET NO. 33	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-5K-2	ST. CLAIR	162	116
34 SHEETS	CONTRACT NO. 76D59			ILLINOIS FED. AID PROJECT	