

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation  
Division of Highways  
State Department of Transportation

SOIL BORING LOG

Page 1 of 2

ROUTE FAI 64 DESCRIPTION IL 158 over FAI 64 (Re-Formatted 1958 Boring Log) LOGGED BY H.W. Lochner  
DATE 4/22/58

SECTION 82-14.5.61-1R LOCATION NW 1/4 SEC. 27, TWP. 2N, RNG. 8W, 3 PM

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

STRUCT. NO. 082-0176  
Station 537+26.79  
BORING NO. 23B-2 S. Abut  
Station 34+42 (IL 158)  
Offset 31.20 FT. LT. (IL 158)  
Ground Surface Elev. 576.9 ft

DEPTH (ft)	B	L	U	M	DEPT	LOC	UCS	MOIST
(ft)	(%)	(%)	(%)	(%)	(ft)	(ft)	(lb/sq ft)	(%)
9					9			
10					10			
13					13			
17					17			
18					18	1.61		
14					14	1.45		
16					16	2.07		
18					18	1.39		

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)



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(ft)	(%)	(%)	(%)	(%)	(ft)	(ft)	(lb/sq ft)	(%)
20					20	2.5		
22					22	1.51		
20					20	1.96		
21					21	1.81		
25					25	2.69		
23					23	1.88		
41					41	2.63		
49					49	2.79		

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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) 483-8457  
DESIGN FIRM #184001036

BORING LOGS  
STRUCTURE NO. 082-0176

SHEET NO. 28	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34 SHEETS	64	82-5K-2	ST. CLAIR	162	111
CONTRACT NO. 76D59					
ILLINOIS FED. AID PROJECT					