

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
SOIL BORING LOG

Page 1 of 3
Date 6/20/07

ROUTE FAP 817 DESCRIPTION IL 4/15 over Kaskaskia River Overflow LOGGED BY S. Wiszkon

SECTION 421B-1 LOCATION NE 1/4, SEC. 8, TWP. 2S, RNG. 6W, 3 PM

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

STRUCT. NO. 082-0275 (E) / 082-0275 (P)
Station 149+50.0 (E)

BORING NO. SB 1 E Abut
Station 152+33
Offset 23.00# Right
Ground Surface Elev. 405.4 ft

DEPTH (ft)	DESCRIPTION	TESTS	REMARKS
0	Surface Water Elev. _____ ft		
0	Stream Bed Elev. _____ ft		
0	Groundwater Elev.: _____ ft		
0	First Encounter _____ ft		
0	Upon Completion _____ ft		
0	After _____ Hrs. _____ ft		
7	Mottled Silty Clay LOAM (continued)	7 1.83 19	
8		8 S/20	
9		9 1.89 20	
10		10 S/20	
11		11 1.32 17	
12		12 S/15	
13	Light Brown Fine SAND See Gradation @ 30 ft & 40 ft	13 8	
14		14 10 NC 5	
15		15 10 NC 5	
16		16 8 NC 11	
17		17 7 NC 34	
18		18 7 NC	
19		19 7 NC	
20		20 8 NC 21	
21		21 8 NC	
22		22 8 NC	
23		23 7 S/20	
24		24 7 S/20	
25		25 7 S/20	
26		26 7 S/20	
27		27 7 S/20	
28		28 7 S/20	
29		29 7 S/20	
30		30 7 S/20	
31		31 7 S/20	
32		32 7 S/20	
33		33 7 S/20	
34		34 7 S/20	
35		35 7 S/20	
36		36 7 S/20	
37		37 7 S/20	
38		38 7 S/20	
39		39 7 S/20	
40		40 7 S/20	
41		41 7 S/20	
42		42 7 S/20	
43		43 7 S/20	
44		44 7 S/20	
45		45 7 S/20	
46		46 7 S/20	
47		47 7 S/20	
48		48 7 S/20	
49		49 7 S/20	
50		50 7 S/20	

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 (ASTM D 1586)

BBS, from 137 (Rev. 8-99)

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13	Gray Sandy CLAY	13 8	
14		14 10 NC 5	
15		15 10 NC 5	
16		16 8 NC 11	
17		17 7 NC 34	
18		18 7 NC	
19		19 7 NC	
20		20 8 NC 21	
21		21 8 NC	
22		22 8 NC	
23		23 7 S/20	
24		24 7 S/20	
25		25 7 S/20	
26		26 7 S/20	
27		27 7 S/20	
28		28 7 S/20	
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32		32 7 S/20	
33		33 7 S/20	
34		34 7 S/20	
35		35 7 S/20	
36		36 7 S/20	
37		37 7 S/20	
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39		39 7 S/20	
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33		33 7 S/20	
34		34 7 S/20	
35		35 7 S/20	
36		36 7 S/20	
37		37 7 S/20	
38		38 7 S/20	
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DESIGNED	DB
CHECKED	RS
DRAWN	ER
CHECKED	WWH



Juneau Associates, Inc. P.C.
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BORING LOGS
ILLINOIS ROUTE 4/15 OVER
KASKASKIA OVERFLOW
F.A.P. ROUTE 817 SEC 421B-1
ST. CLAIR COUNTY
STATION 149+50.00
STRUCTURE NO. 082-0275

SHEET NO. 27	F.A.P. RTE. 817	SECTION 421B-1	COUNTY ST. CLAIR	TOTAL SHEETS 56	SHEET NO. 46
28 SHEETS	STRUCTURE NO. 082-0275		CONTRACT NO. 76885		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		