

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 3
Date 11/29/03

ROUTE FAU 6757 (US 150) DESCRIPTION 1.7 Mi. East of Jct. IL 8 in E. Poria LOGGED BY JAR

SECTION (105B) BR-2, BR-3 LOCATION SEC. TWP., RNG.

COUNTY Tazewell DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. <u>090-0176 (prop)</u>	D	B	U	M	Surface Water Elev. <u>532.25</u> ft	D	B	U	M
Station <u>89+80.00</u>	E	L	C	O	Stream Bed Elev. _____ ft	E	L	C	O
	P	O	S	I		P	O	S	I
BORING NO. <u>1a (W. Abst.)</u>	T	W	Q _u	T	Groundwater Elev. _____ ft	T	W	Q _u	T
Station <u>89+54</u>	H	S	Q _u	T	First Encounter _____ ft	H	S	Q _u	T
Offset <u>16,000 L.A. Cl.</u>					Upon Completion <u>14.8 coll @ 21.3</u> ft				
Ground Surface Elev. <u>544.91</u> ft	(ft)	(6")	(in)	(%)	After <u>24</u> Hrs. _____ ft	(ft)	(6")	(in)	(%)

For soils info 0-11.5' Refer to boring 89+42, 12' LA

Brown Med. SAND (continued) 634.41 12

Refer to boring @ 89+42 For soils info 20.5'-60.5'

532.41

Brown CLAY LOAM w/Gravel

2

4

4

7

10

538.41

Brown Med. SAND

3

7

8

5

8

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. 8-89)

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Station <u>89+80.00</u>	E	L	C	O	Stream Bed Elev. _____ ft	E	L	C	O
	P	O	S	I		P	O	S	I
BORING NO. <u>1a (W. Abst.)</u>	T	W	Q _u	T	Groundwater Elev. _____ ft	T	W	Q _u	T
Station <u>89+54</u>	H	S	Q _u	T	First Encounter _____ ft	H	S	Q _u	T
Offset <u>16,000 L.A. Cl.</u>					Upon Completion <u>14.8 coll @ 21.3</u> ft				
Ground Surface Elev. <u>544.91</u> ft	(ft)	(6")	(in)	(%)	After <u>24</u> Hrs. _____ ft	(ft)	(6")	(in)	(%)

Refer to boring @ 89+42 For soils info 20.5'-60.5' (continued)

Brown Coarse SAND & Gravel 484.41

26

37

38

9

30

36

46

80

26

65

17

21

22

9

22

24

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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STRUCT. NO. <u>090-0176 (prop)</u>	D	B	U	M	Surface Water Elev. <u>532.25</u> ft	D	B	U	M
Station <u>89+80.00</u>	E	L	C	O	Stream Bed Elev. _____ ft	E	L	C	O
	P	O	S	I		P	O	S	I
BORING NO. <u>1a (W. Abst.)</u>	T	W	Q _u	T	Groundwater Elev. _____ ft	T	W	Q _u	T
Station <u>89+54</u>	H	S	Q _u	T	First Encounter _____ ft	H	S	Q _u	T
Offset <u>16,000 L.A. Cl.</u>					Upon Completion <u>14.8 coll @ 21.3</u> ft				
Ground Surface Elev. <u>544.91</u> ft	(ft)	(6")	(in)	(%)	After <u>24</u> Hrs. _____ ft	(ft)	(6")	(in)	(%)

Brown Coarse SAND & Gravel (continued)

12

18

32

46

24

19

21

6

7

12

456.41

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. 8-89)

\$FILE ABBREVS \$DATE \$TIME \$

Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: RKM Checked By: DLS Drawn By: AJF
Date: 10/07 File: 090-0176.02R

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS - 2
U.S. 150 OVER LITTLE FARM CREEK
F.A.U. ROUTE 6757 SECTION (105B)BR-3
TAZEWELL COUNTY
STA. 89+80.58
S.N. 090-0176