



Illinois Department of Transportation
Division of Highways
Applied Geotechnics, Inc.

SOIL BORING LOG

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Date 12/3/07

ROUTE FAP 870 (IL 53) DESCRIPTION Over the East Branch of the DuPage River LOGGED BY Kabir Ahmad

SECTION 533X LOCATION SEC. 13, TWP. 39 N, RNG. 10 E

COUNTY DuPage DRILLING METHOD Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. 022-0181 (prop.) 022-0077 (exist.)

BORING NO. B-8

Station 916+06

Offset 20.00 ft L

Ground Surface Elev. 687.20 ft (ft) (ft) (tsf) (%)

Surface Water Elev. _____ ft

Stream Bed Elev. _____ ft

Groundwater Elev.: _____ ft

First Encounter Upon Completion _____ ft

After Hrs. _____ ft

Silty clay, some stone, gray, very stiff to stiff (continued)

645.20

Weathered limestone, gray, wet, very dense

640.20

Weathered limestone, trace silt, light gray, wet, medium dense

637.20

End of Boring

637.20

637.20

637.20

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FOUNDATION ENGINEERING, INC. STRUCTURE BORING LOG

Page 1 of 1
Date 7/24/96

ROUTE _____ DESCRIPTION Scour Study Various Location, Work Order No. 11, PSB 84/5

SECT. _____ STRUCT. NO. 022-0077 DRILLED BY BP

COUNTY DuPage LOCATION IL 53/E Branch DuPage Riv. S. 13, TWP. 39N, RNG. 10E

Boring No. B-11

Station 705+43

Offset 18.0 ft South

Surface Elev. 687.3 ft

Surface Water Elev. _____

Groundwater Elev.: _____

when drilling _____

at Completion _____

after _____ Hrs. _____

Stiff & very stiff brown gray & black mixed clay & organic FILL

5 5 7 13

2 3 4 1.5 26

5 8 8 2.2 50

2 2 5 1.2 14

676.80

Med. dense gray SILT

9 5 6 20

5 6 7 14

7 8 10 8

6 6 6 22

641.80

Extremely dense mixed GRAVEL & BROKEN ROCKS

9 8 7 8

663.30

Stiff gray SILTY CLAY

9 10 14 1.9 20

637.30

END OF BORING

50 28 82 4

637.30

637.30

637.30

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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)

SPT. (N) = Sum of last two blow values in sample.
(Qu) B = Bulge S = Shear P = Penetrometer

STR-24 OF 26



DESIGNED - L J H	REVISED -
DRAWN - F J D	REVISED -
CHECKED - J S S	REVISED -
DATE - 10/15/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. ROUTE 870 (ILLINOIS 53) OVER EAST BRANCH DUPAGE RIVER

SOIL BORING LOGS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	533-X-B-R-1	DUPAGE	87	61
CONTRACT NO. 60B95			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

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