

Contract #72919



Illinois Department of Transportation
Division of Engineering
Date: 9/20/07

SOIL BORING LOG

Page 1 of 1

ROUTE FAP 685 DESCRIPTION IL 9/IL 96 over S.R. Ditch LOGGED BY M. Tappan
SECTION 113 B-3 LOCATION NE 1/4, SEC. 12, TWP. 7 N, RNG. 8 W, 4 PM
COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	DESCRIPTION	D	B	U	M	Surface Water Elev.	Dry ft	D	B	U	M
034-0018 Rr	034-2520 Fr	118+70	118+70	118+70	118+70	118+70	118+70	118+70	118+70	118+70	118+70
BORING NO.	1 NW WW	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87
Station	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87
Offset	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14
Ground Surface Elev.	821.8	821.8	821.8	821.8	821.8	821.8	821.8	821.8	821.8	821.8	821.8
Brown and Grey Moist SILTY CLAY LOAM (FD)											
1 1 1 1 1 1 1 1 1 1 1 1											
Brown Moist SAND LOAM (FD) Poor Recovery, V. Broken Sample											
1 1 1 1 1 1 1 1 1 1 1 1											
Brown and Grey Moist SILTY CLAY LOAM (FD) w/Loam Shams											
1 1 1 1 1 1 1 1 1 1 1 1											
Dark Grey Moist SILTY CLAY											
1 1 1 1 1 1 1 1 1 1 1 1											
Grey Fine to Medium Grained Wet SAND Free Water											
1 1 1 1 1 1 1 1 1 1 1 1											
Brown Medium Grained SAND											
1 1 1 1 1 1 1 1 1 1 1 1											
Grey V. Moist SILTY CLAY											
1 1 1 1 1 1 1 1 1 1 1 1											
W.O.H.											
1 1 1 1 1 1 1 1 1 1 1 1											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (D-Belega, S-Shear, P-Plasticity, E-Extension)
Abbreviations W.O.H. - Sample Adversely Weight of Hammer, W.O.P. - Adversely Weight of Pipe, R.S. - Before Sealing
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BSS, from 137 (Rev. 8-80)



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STRUCT. NO.	DESCRIPTION	D	B	U	M	Surface Water Elev.	Dry ft	D	B	U	M
034-0018 Rr	034-2520 Fr	118+70	118+70	118+70	118+70	118+70	118+70	118+70	118+70	118+70	118+70
BORING NO.	2 SW WW	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87
Station	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87	118+87
Offset	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14	14.05 14
Ground Surface Elev.	821.8	821.8	821.8	821.8	821.8	821.8	821.8	821.8	821.8	821.8	821.8
Brown and Dark Grey Moist SILTY CLAY LOAM (FD)											
1 1 1 1 1 1 1 1 1 1 1 1											
W.O.H.											
1 1 1 1 1 1 1 1 1 1 1 1											
Grey											
1 1 1 1 1 1 1 1 1 1 1 1											
Grey Moist SILTY CLAY LOAM											
1 1 1 1 1 1 1 1 1 1 1 1											
Dark Grey Moist SILTY CLAY											
1 1 1 1 1 1 1 1 1 1 1 1											
Grey											
1 1 1 1 1 1 1 1 1 1 1 1											
Light Brown and Grey											
1 1 1 1 1 1 1 1 1 1 1 1											
Brown Medium Grained SAND Free Water											
1 1 1 1 1 1 1 1 1 1 1 1											
Washed											
1 1 1 1 1 1 1 1 1 1 1 1											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (D-Belega, S-Shear, P-Plasticity, E-Extension)
Abbreviations W.O.H. - Sample Adversely Weight of Hammer, W.O.P. - Adversely Weight of Pipe, R.S. - Before Sealing
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BSS, from 137 (Rev. 8-80)

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Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: JVR Checked By: DLS Drawn By: AUF
Date: 08/20/07 File: 034-2520.DGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS
IL ROUTE 9/IL ROUTE 96
OVER SIDE ROAD DITCH
F.A.P. ROUTE 685 - SECTION 113B-3
HANCOCK COUNTY
STA. 118+70.44
STRUCTURE NO. 034-2520