

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	★	VERMILION	122	85
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 17
17 SHEETS

★ (10-92-8HB-4)BR



SOIL BORING LOG

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ROUTE FAI Route 74 DESCRIPTION 1.5 Miles West of Pishian LOGGED BY CNA
SECTION (10-92-8)HB-1, HB-4BR LOCATION NE, SEC. 11, TWP. 18N, RNG. 14W, 2nd PM
COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	STATION	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
092-0105	50+00							697.1				
Boring No. <u>3 N. Abut.</u> Station <u>50+98</u> Offset <u>6.0 ft. Bk.</u> Ground Surface Elev. <u>697.00</u>												
Gray Clay Loam TII (continued)												
BlueGray Clay Loam (continued)												
698.10												
Gray Varved Clay												
8												
7 3.5 11.5												
12 B												
698.90												
Gray Varved Silt												
3												
6 3.1 11.5												
9 B												
697.90												
End of Boring												
Pink Clay Loam TII												
10												
19 5.0 9.5												
23 B												
698.90												
BlueGray Clay Loam												
3												
7 5.0 15.5												
12 B												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Blow, 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. 8-98)



SOIL BORING LOG

Page 1 of 2

ROUTE FAI Route 74 DESCRIPTION 1.5 Miles West of Pishian LOGGED BY CNA
SECTION (10-92-8)HB-1, HB-4BR LOCATION NE, SEC. 11, TWP. 18N, RNG. 14W, 2nd PM
COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	STATION	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
092-0105	50+00							697.7				
Boring No. <u>3 S. Abut.</u> Station <u>50+98</u> Offset <u>6.0 ft. Bk.</u> Ground Surface Elev. <u>697.70</u>												
Gray Silty Clay Loam (Embankment)												
697.70												
BrownGray Mottled Silty Clay (Embankment) (continued)												
698.70												
Brown Clay Loam (Weathered TII)												
Drilled Through Old Concrete Pavement (1.5" Thick)												
3												
5 6.0 11.5												
7 S												
698.70												
Brown Clay Loam TII												
2												
2 0.9 20.7												
5 B												
698.70												
BrownGray/Black Mottled Mixed Silty Clay Loam (Embankment)												
1												
4 3.7 23.1												
4 B												
697.70												
Gray Clay Loam TII												
4												
6 2.5 11.3												
9 B												
4												
6 2.3 9.4												
8 B												
697.70												
BrownGray Mottled Silty Clay (Embankment)												
0												
2 1.5 14.7												
4 B												
698.70												
BrownGray Mottled Silty Clay (Embankment)												
0												
2 2.1 20.2												
4 B												
697.70												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Blow, 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. 8-98)



SOIL BORING LOG

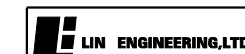
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ROUTE FAI Route 74 DESCRIPTION 1.5 Miles West of Pishian LOGGED BY CNA
SECTION (10-92-8)HB-1, HB-4BR LOCATION NE, SEC. 11, TWP. 18N, RNG. 14W, 2nd PM
COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	STATION	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
092-0105	50+00							697.7				
Boring No. <u>3 S. Abut.</u> Station <u>50+98</u> Offset <u>6.0 ft. Bk.</u> Ground Surface Elev. <u>697.70</u>												
Gray Clay Loam TII (continued)												
697.70												
Gray Poorly Sorted Coarse Sand												
3												
6 2.7 15.0												
10 B												
697.70												
Pinkish Gray Clay Loam TII												
22												
12 13.8 16.3												
16 B												
697.70												
End of Boring												
Gray Clay Loam TII												
7												
7 5.6 11.4												
7 B												
697.70												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Blow, 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. 8-98)



210 W. Chestnut
Channahon, Illinois 62629
815-423-4669
FAX 815-423-4706
Designed By: MTH Checked By: STD Drawn By: JMD
Date: 11/02 File: 0920203.DGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING DATA
FAP ROUTE 840 (IL 49N)
OVER FAI RTE 74 (I-74)
SECTION (10-92-8HB-4) BR
VERMILION COUNTY
STA. 1160+20.53 (I-74)
STA. 50+00.00 (IL 49N)
STRUCTURE NO. 092-0203