



SOIL BORING LOG

Page 1 of 1
Date 2/26/04

ROUTE FAI 72FAU 8021 DESCRIPTION Eastbound FAI 72 over UPRR LOGGED BY S. Lewis
SECTION 84-9-4(HBK,BY,BY-1) LOCATION NE 14, SEC. 20, TWP. 15 N, RNG. 5 W, 3 PM
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Manual

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
084-0074	608+80	1984-7 Pier 1	607+70	47.00ft Bl	600.0 ft	(R)	A*	(sat)	(%)	NA ft	NA ft	(R)	A*	(sat)	(%)
Black SILTY CLAY LOAM															
5															
Yellow and Grey SILTY CLAY															
100															
42 3.5 19															
Grey-Green and Brown Layered SILTY CLAY (V. Shift) (continued)															
100 4.4 8-10															
78.00															
Light Grey SHALE (V. Shift)															
100 3.5 8															
5 0.5 8															
Yellow and Grey SILT (Soft)															
4															
Boring Completed															
100 A*															
Brown and Grey SILTY CLAY LOAM (Medium)															
Free Water															
4 0.7 B															
7 1.1 B															
Blue-Green SANDY CLAY LOAM (Shift)															
7 1.3 B															
8 1.1 B															
Grey-Green and Brown Layered SILTY CLAY (V. Shift)															
8 1.1 B															

SOIL BORING MAINTENANCE EXTENSION STATE STRUCTURALITY INFORMATION 2004

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 187 (Rev. 8-98)



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STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
084-0075	608+80	1984-8 Pier 1	608+15	47.00ft LA	599.0 ft	(R)	A*	(sat)	(%)	NA ft	NA ft	(R)	A*	(sat)	(%)
Yellow-Brown and Grey SILTY CLAY															
5 0.5 30															
Grey-Green SANDY CLAY LOAM (Medium) (continued)															
87.00															
Grey-Green and Brown SHALE (Shift)															
100 1.5 8															
78.00															
Light Grey SHALE (V. Shift)															
100 3.5 8															
A*															
Yellow and Grey SILT															
4															
Boring Completed															
100 A*															
Brown and Grey SILTY CLAY LOAM (Medium)															
4 0.6 B															
7 1.1 B															
Brown and Grey SANDY CLAY LOAM (Shift)															
7 1.1 B															
8															
Grey-Green SANDY CLAY LOAM (Medium)															
9 0.9 B															

SOIL BORING MAINTENANCE EXTENSION STATE STRUCTURALITY INFORMATION 2004

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 187 (Rev. 8-98)

LAYOUT MAM 06/27/03
DRAWN DAP 07/17/03
REVIEWED JMM 10/27/03

s:FILE\$ 12/16/2006

Corporate License Number 184-001-084

BORINGS
F.A.I. 72 OVER UNION PACIFIC RAILROAD
SECTION (84-9-4)A, HBK, BY, BY-1
SANGAMON COUNTY
STATION 608+51.98
STR NO. 084-0074 EB - 084-0075 WB

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	DATE 01/12/06