



SOIL BORING LOG

Page 2 of 2
Date 2002

ROUTE FAI Route 74 DESCRIPTION 1.5 Miles West of Fishkin LOGGED BY CNA
SECTION 09.99-8(HB-1, HB-4)BR LOCATION NR. SEC. 11, TWP. 19N, RNG. 14W, 2nd PM
COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	BORING NO. Station	OFFSET	Ground Surface Elev.	D	B	U	M	Soil Description						
								Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter			
092-0203 50+00	3 N. Abut 49+08	8.0 ft Bl.	887.80	(3)	(47)	(5a)	(5b)	Blue Gray Clay Loam (continued)	887.70	(3)	(47)	(5a)	(5b)	Blue Gray Clay Loam (continued)
								Gray Varved Clay	886.10					
								Gray Varved Silt	881.00					
								End of Boring	817.00					
								Pink Clay Loam Till						
								Blue Gray Clay Loam	882.00					

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 (ASTM D 1586)

BBS, from 137 (Rev. 6-98)



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								Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter			
092-0203 50+00	3 S. Abut 50+98	6.0 ft Bl.	887.70	(3)	(47)	(5a)	(5b)	Gray Silty Clay Loam (Embankment)	887.70					Brown Gray Mottled Silty Clay (Embankment) (continued)
								Brown Clay Loam (Weathered Till Drilled Through Old Concrete Pavement 1.5" Thick)	888.70					
								Brown Clay Loam Till	881.70					
								Brown Gray Mottled Mixed Silty Clay Loam (Embankment)	882.70					
								Gray Clay Loam Till	887.70					
								Brown Gray Mottled Silty Clay (Embankment)	888.70					

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								Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter			
092-0203 50+00	3 S. Abut 50+98	6.0 ft Bl.	887.70	(3)	(47)	(5a)	(5b)	Gray Clay Loam Till (continued)	887.70					Gray Poorly Sorted Coarse Sand
								Pinkish Gray Clay Loam Till	887.70					
								Gray Clay Loam Till	881.70					

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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

REVISIONS	
NAME	DATE

ELIN ENGINEERING, LTD.
210 N. Chestnut
Chatham, Illinois 62629
(217) 483-4668
Fax: (217) 483-4706
Designed By: MTH Checked By: STD Drawn By: JMD
Date: 11/02 File: 0920203.DGN