



Illinois Department of Transportation  
Division of Highways  
DOT - 1001

SOIL BORING LOG

Page 2 of 2

Date 3/02

ROUTE FAI 74 DESCRIPTION Just North of Ogden LOGGED BY CNA

SECTION 010.99-8(HB-1)HB-4BR LOCATION NE, SEC. 8, TWP. 18N, RNG. 14W, 2nd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	H	S	Q <sub>u</sub>	T	
010-0277	50+00	2 N. Abut.	49+58	7.5 ft. R.	689.5	(3)	(6")	(12)	(%)			689.5	ft. ▼	ft.	(3)	(6")	(12)	(%)		
<p>Gray Clay Loam TII (continued)</p> <p>Gray Well Sorted Fine Sand (continued)</p> <p>4</p> <p>7 5.3 11</p> <p>13 B</p> <p>642.5</p> <p>Gray Sandy Clay Loam TII</p> <p>3</p> <p>8 3.2 13</p> <p>9 B</p> <p>617.5</p> <p>Pink Clay Loam TII</p> <p>4</p> <p>10 5.2 11</p> <p>14 B</p> <p>632.0</p> <p>Gray Well Sorted Fine Sand</p> <p>4</p> <p>7</p> <p>11</p> <p>608.5</p>																				

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 T200)

HBS, from 127 (Rev. 8-90)



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010-0277	50+00	3 S. Abut.	50+58	7.0 ft. R.	689.5	(3)	(6")	(12)	(%)			689.5	ft. ▼	ft.	(3)	(6")	(12)	(%)		
<p>Brown Mottled Silty Clay (Embankment)</p> <p>Gray/Brown Mixed Mottled Silty Clay - Silty Clay Loam (Embankment) (continued)</p> <p>2</p> <p>4 2.8 28</p> <p>8 B</p> <p>667.0</p> <p>Gray/Black Mixed Mottled Silty Clay</p> <p>4</p> <p>6 5.0 21</p> <p>9 B</p> <p>684.5</p> <p>Brown/Gray Mottled Silt</p> <p>0</p> <p>2 1.1 24</p> <p>8 B</p> <p>681.5</p> <p>Gray/Brown Mixed Mottled Silty Clay - Silty Clay Loam (Embankment)</p> <p>2</p> <p>5 3.3 13</p> <p>6 B</p> <p>669.5</p> <p>Brown/Red Oxidized Dirty Medium Sand</p> <p>11</p> <p>13</p> <p>17</p> <p>666.5</p> <p>Gray Silt</p> <p>1</p> <p>3 3.7 13</p> <p>7 B</p> <p>663.5</p> <p>Gray Clay Loam TII</p> <p>4</p> <p>2.1 23</p> <p>6 B</p> <p>663.5</p> <p>Gray Clay Loam TII</p> <p>2</p> <p>4 3.5 13</p> <p>7 B</p> <p>607.5</p>																				

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010-0277	50+00	3 S. Abut.	50+58	7.0 ft. R.	689.5	(3)	(6")	(12)	(%)			689.5	ft. ▼	ft.	(3)	(6")	(12)	(%)		
<p>Gray Clay Loam TII (continued)</p> <p>Pink Clay Loam TII (continued)</p> <p>5</p> <p>7</p> <p>11</p> <p>684.5</p> <p>Gray/Green Dirty Medium Sand</p> <p>5</p> <p>7</p> <p>11</p> <p>684.5</p> <p>End of Boring</p> <p>0</p> <p>2 1.1 24</p> <p>8 B</p> <p>681.5</p> <p>Gray Clay</p> <p>2</p> <p>5 3.3 13</p> <p>6 B</p> <p>669.5</p> <p>Gray Clay Loam TII</p> <p>2</p> <p>4 3.5 13</p> <p>7 B</p> <p>607.5</p> <p>Pink Clay Loam TII</p> <p>2</p> <p>6 3.1 12</p> <p>10 B</p> <p>654.5</p> <p>10</p> <p>15 8.7 10</p> <p>19 B</p> <p>607.5</p>																				

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HBS, from 127 (Rev. 8-90)

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SOIL BORING DATA  
FAS RTE 518 (IL 49S) & FAP RTE 836 (C.H.22)  
OVER FAI RTE 74 (I-74)  
SECTION (10-92-8HB-1) BR  
CHAMPAIGN COUNTY  
STA. 1000+88.67 (I-74)  
STA. 50+00.00 (IL 49S & C.H. 22)  
STRUCTURE NO. 010-0277

REVISIONS	
NAME	DATE

200 N. Chestnut Chatham, Illinois 62629  
 (217) 483-4868 FAX (217) 483-4706  
 Designed By: MTH Checked By: STD Drawn By: JMD  
 Date: 11/02 File: 0100277.DGN