

PAGE 1 of 2
DATE September 18, 2002
LOGGED BY TK
OBA JOB No. 02235

SOIL BORING LOG

ROUTE FAU Route 1541 DESCRIPTION Proposed Bridge Improvements IDOT Project No. D-91-122-97
SECTION 1818-4B LOCATION 76th St. over FAI 94 Chicago, Illinois (Sections 27 & 28-T38N-R14E)
COUNTY Cook DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 016-2850 Station 73+49.33
BORING NO. SB-76-1 Station 71+98.82 Offset 36.5' Left Ground Surface Elev. 588.6 (P.L.CCD)

DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)	Surface Water Elev.		DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)
				n/a	n/a				
0						0			
4.0						4.0			
5						5			
6						6			
6						6			
3						3			
2						2			
2						2			
-5						-5			
4						4			
2						2			
3						3			
1						1			
3						3			
-10						-10			
2						2			
4						4			
5						5			
2						2			
5						5			
-15						-15			
2						2			
6						6			
8						8			
3						3			
5						5			
-20						-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)
NR-No Recovery

PAGE 2 of 2
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ROUTE FAU Route 1541 DESCRIPTION Proposed Bridge Improvements IDOT Project No. D-91-122-97
SECTION 1818-4B LOCATION 76th St. over FAI 94 Chicago, Illinois (Sections 27 & 28-T38N-R14E)
COUNTY Cook DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 016-2850 Station 73+49.33
BORING NO. SB-76-1 Station 71+98.82 Offset 36.5' Left Ground Surface Elev. 588.6 (P.L.CCD)

DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)	Surface Water Elev.		DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)
				n/a	n/a				
12						12			
22						22			
28						28			
12						12			
6						6			
8						8			
-25						-25			
13						13			
19						19			
23						23			
13						13			
17						17			
-50						-50			
9						9			
18						18			
24						24			
26						26			
19						19			
24						24			
-55						-55			
16						16			
20						20			
30						30			
18						18			
32						32			
-60						-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)
NR-No Recovery

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DATE August 29, 2002
LOGGED BY RH
OBA JOB No. 02235

SOIL BORING LOG

ROUTE FAU Route 1541 DESCRIPTION Proposed Bridge Improvements IDOT Project No. D-91-122-97
SECTION 1818-4B LOCATION 76th St. over FAI 94 Chicago, Illinois (Sections 27 & 28-T38N-R14E)
COUNTY Cook DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 016-2850 Station 73+49.33
BORING NO. SB-76-2 Station 72+50.98 Offset 61.4' Left Ground Surface Elev. 570.9 (C8.6 CCD)

DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)	Surface Water Elev.		DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)
				n/a	n/a				
2						2			
4						4			
4						4			
7						7			
8						8			
-5						-5			
4						4			
7						7			
10						10			
5						5			
10						10			
10						10			
7						7			
11						11			
13						13			
8						8			
13						13			
-15						-15			
12						12			
18						18			
21						21			
12						12			
17						17			
-20						-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)
NR-No Recovery

FILE: L:\16592.02\Cad\Sheets\Roadway_Structures\Brdge\6592-52850-SB01.dgn



REVISIONS	
NAME	DATE

DWG. S-36 of 42

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS - SB1 & SB2
76TH STREET OVER FAI-94
FAP ROUTE 1541 SECTION 1818 R-9
COOK COUNTY
STATION 73+49.33
STRUCTURE NUMBER 016-2850

SCALE: NONE DESIGNED BY: OBA DRAWN BY: TL
DATE: March 25, 2005 CHECKED BY: TB CHECKED BY: TB