



Illinois Department of Transportation  
Division of Highways  
Applied GeoScience, Inc.

SOIL BORING LOG

Page 2 of 2

Date 12/4/07

ROUTE FAP 870 (IL 53) DESCRIPTION Over the East Branch of the DuPage River LOGGED BY Kabir Ahmad

SECTION 533X LOCATION SEC. 13, TWP. 39 N, RNG. 10 E

COUNTY DuPage DRILLING METHOD Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. 022-0181 (prop.)  
Station 022-0077 (exist.)  
BORING NO. B-5  
Station 916+75  
Offset 18.00ft Lt  
Ground Surface Elev. 687.30 ft

DEPTH (ft)	BLOWS	UCS (tsf)	MOIST	Surface Water Elev. ft	DEPTH (ft)	BLOWS	UCS (tsf)	MOIST
645.30					625.30			
7					623.80			
12			12.0					
13								
45								
40	4.1	16.0						
32								
634.30								
25								
40		10.0						
48								
28								
32								
42			8.0					
60								

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 T206)  
BBS, from 137 (Rev. 8-99)



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STRUCT. NO. 022-0181 (prop.)  
Station 022-0077 (exist.)  
BORING NO. B-6  
Station 916+55  
Offset 43.00ft Lt  
Ground Surface Elev. 680.40 ft

DEPTH (ft)	BLOWS	UCS (tsf)	MOIST	Surface Water Elev. ft	DEPTH (ft)	BLOWS	UCS (tsf)	MOIST
659.40					652.40			
2	0.8	36.0						
2	B							
1								
1	0.6	65.0						
2	P							
1								
1	0.7	68.0						
1	B							
672.40					670.40			
1		19.0						
1	2							
670.40								
4								
5		20.0						
7								
667.40								
3								
4		19.0						
4								
4								
5		15.0						
8								
662.40								
4								
4		15.0						
5								
20								

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DEPTH (ft)	BLOWS	UCS (tsf)	MOIST	Surface Water Elev. ft	DEPTH (ft)	BLOWS	UCS (tsf)	MOIST
615.40					615.40			
20								
30								
45			12.0					
633.40								
50								
20								
25		16.0						
628.40								
30								
39		10.0						
54/1"								
625.40								
100/3'								
13.0								

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BBS, from 137 (Rev. 8-99)

FILE NAME = P:\2002\020015\004\Cadd\Structure\1\022-0181 Final\Sheets\022-0181-60B95-022-BOR-4.dgn

STR-22 OF 26



DESIGNED - LJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	F.A.P. ROUTE 870 (ILLINOIS 53) OVER EAST BRANCH DUPAGE RIVER		F.A. RTE. 870	SECTION 533-X-B-R-1	COUNTY DuPAGE	TOTAL SHEETS 87	SHEET NO. 59
DRAWN - FJD	REVISED -		<b>SOIL BORING LOGS</b>		CONTRACT NO. 60B95				
CHECKED - JSS	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.					
DATE - 10/15/08	REVISED -								