

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation SOIL BORING LOG Page 1 of 2 Date 9/30/02

ROUTE FA 317 (US 24) DESCRIPTION US 24 & IL 100 over Spoon River LOGGED BY DBR

SECTION 18 BRY-1DBR LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4 PM

COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 029-0004 (exist) 029-0068(prop)
Station 74+10 (prop)

BORING NO. 7063 (N. Abuol)
Station 70+63
Offset 43.00ft
Ground Surface Elev. 454.73 ft

DEPTH (ft)	DRILLING METHOD	HSA	HAMMER TYPE	AUTO	DESCRIPTION	DEPTH (ft)	DRILLING METHOD	HSA	HAMMER TYPE	AUTO
0-1.5'					No Sample Taken	0-1.5'				
453.23					Dark Gray SILTY CLAY LOAM	453.23				
5	B	U	M		Light Brown/Light Gray fine SAND	5	B	U	M	
6	4.25	21.8				6	4.25	21.8		
7	P					7	P			
2					Brown/Gray Fine SAND	430.73				
5	2.89	30.0				5	2.89	30.0		
8	B					8	B			
448.23					Dark Brown/Brown SILTY CLAY	448.23				
2	1.73	34.5			Brown/Gray SANDY GRAVEL	428.23				
2	B					2	B			
1					Gray CLAY LOAM with some SANDY GRAVEL	425.73				
1	1.44	29.2				1	1.44	29.2		
2	B					2	B			
442.23					Brown Fine SAND wtr of clay	442.23				
1	.82	30.7			Gray FINE SAND	423.23				
1	B					1	B			
1					Gray SANDY GRAVEL with trace of CLAY	420.73				
15	H	24.3				15	H	24.3		
16	H					16	H			
18					Gray Fine SAND with trace of GRAVEL	418.23				
19						19				
20	2	20.5			Gray/Brown CLAY TILL	415.73				
20	Z					20	Z			

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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15	B				Gray/Brown CLAY TILL (continued)	15	B			
21						21				
23	3.05	15.8				23	3.05	15.8		
55	S					55	S			
410.73					Light Gray/Light Brown Weathered, weakly cemented, SANDSTONE	410.73				
49						49				
45		15.9				45		15.9		
20						20				
100		54.8				100		54.8		
405.05						405.05				
100		20.9				100		20.9		
50						50				

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COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 029-0004 (exist) 029-0068(prop)
Station 74+10 (prop)

BORING NO. 7284 (Pie)
Station 72+84
Offset 17.00ft
Ground Surface Elev. 454.37 ft

DEPTH (ft)	DRILLING METHOD	HSA	HAMMER TYPE	AUTO	DESCRIPTION	DEPTH (ft)	DRILLING METHOD	HSA	HAMMER TYPE	AUTO
0-2'					No sample taken	0-2'				
462.37					Dark Brown CLAY LOAM	462.37				
1						1				
2	3.35	23.9				2	3.35	23.9		
5	S					5	S			
448.87					Dark Brown/Brown SILTY CLAY LOAM	448.87				
1	2.89	20.0				1	2.89	20.0		
4	S					4	S			
H						H				
H	5.2	27.2				H	5.2	27.2		
2	S					2	S			
444.87					Brown SILTY LOAM	444.87				
10	H	25	29.6		Gray SANDY LOAM	424.87				
1	B					1	B			
1	.08	28.9				1	.08	28.9		
B						B				
H					Gray GRAVEL	422.37				
H						H				
H						H				
15	H	24.2			Gray SHALEY SILT	419.87				
1						1				
1						1				
437.37					Brown Fine SAND	417.37				
1						1				
1		20.9			Gray/Dark Gray SHALE	415.87				
3						3				
20						20				

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DEPTH (ft)	DRILLING METHOD	HSA	HAMMER TYPE	AUTO	DESCRIPTION	DEPTH (ft)	DRILLING METHOD	HSA	HAMMER TYPE	AUTO
100					Gray/Dark Gray SHALE (continued)	100				
10						10				
100		15.2				100		15.2		
411.37						411.37				

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BORING LOGS
F.A.P. RTE. 315 - SEC. (18BRY-1DBR)
FULTON COUNTY
STATION 74+09.000
STRUCTURE NO. 029-0068