



SOIL BORING LOG

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Date 5/7/07

ROUTE FAI 57/70 DESCRIPTION I-57/70 over US 45 LOGGED BY E. Sandschafer

SECTION (25-4.3)R LOCATION N 1/2, SEC. 16, TWP. 8 N, RNG. 6 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. (EX) 025-0013/0014
Station 2294+12.22

BORING NO. 4
Station 2295+49
Offset 0.00ft
Ground Surface Elev. 626.12 ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
4			
5	+4.5	8	
6	PP		
621.62			
2			
3	3.2	15	
4	PP		
2			
4	0.3	21	
2			
4	1.5	22	
3	B		
614.12			
1			
3	1.7	16	
3	B		
611.62			
1			
2	1.9	20	
4	B		
1			
3	1.5	17	
4	B		
1			
20			

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
2	1.4	21	
4	B		
604.12			
1			
2	1.0	16	
3	B		
601.62			
1			
3	1.8	19	
5	B		
599.12			
1			
3	1.3	23	
4	B		
596.62			
2			
3	1.8	12	
7	BS		
576.62			
3			
7	2.5	14	
11	B		
556.62			
26			
29	4.4	9	
34	S		
546.62			
50/3"		19	

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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DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
6	1.3	14	
7	B		
3			
4	1.9	12	
7	B		
576.62			
3			
7	2.5	14	
11	B		
556.62			
26			
29	4.4	9	
34	S		
546.62			
50/3"		19	

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
2	4.6	11	
39	B		
556.62			
26			
29	4.4	9	
34	S		
546.62			
50/3"		19	

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Ground Surface Elev. 626.12 ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
50/1"			
50/1"			
516.62			
4			
6	2.3	18	
9	B		
506.62			
24			

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
6	1.9	16	
9	B		
516.62			
4			
6	2.3	18	
9	B		
506.62			
24			

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