

**Illinois Department of Transportation** SOIL BORING LOG Page 1 of 1  
 Date 12/14/04  
 ROUTE FAI 57 DESCRIPTION FAI 57 Over Kankakee River LOGGED BY Larry Myers  
 SECTION 140BR LOCATION NE 14, SEC. 9, TWP. 30N, RNG. 13W, 2nd PM  
 COUNTY KANKAKEE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 046-0136 (Prop.)  
 Station 046-0004 (Exist.)  
 Station 260+90  
 BORING NO. 9 SB North Abutment  
 Station 256+17.92  
 Offset 15.00ft W of CL SB 157  
 Ground Surface Elev. 611.10 ft

DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)
4				Very Soft Brown Loam, (continued)	4			
8					8	1.5	8.0	
10					10	P		
608.60				Stiff Light Brown Silty Loam/Silty Clay Loam with Large Gravel Pieces.	4			
5	1.5	10.7			14	2.0	7.0	
8	P				23	P		
586.60				Hard Gray Silty Loam Till with Large Gravel Pieces (Limestone/Dolomite).	9			
4					19	4.0	5.0	
5	1.8	17.8			17	P		
8	P			W=Washed Sample				
6					16			
4					18	4.3	5.0	
3					28	P		
601.60				Stiff Brown Silty Clay Loam Till Fill.	13			
3					24	4.3	3.7	
2	1.0	16.8			29	P		
3	P							
2					13			
7					34	4.5	5.2	
5					39	P		
597.10				Stiff Dark Brown Silty Clay/Silty Loam.	18			
1					35	4.5	3.8	
2	1.0	20.2			50	P		
2	P							
593.60				Very Soft Brown Loam.	40			
WH					100.1*		2.3	W
1	17.6			Auger Refusal at 38' on Cobble or Boulder				
1				End of Boring				
-20					-40			

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, form 137 (Rev. 8-99)

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STRUCT. NO. 046-0136 (Prop.)  
 Station 046-0004 (Exist.)  
 Station 260+90  
 BORING NO. 10 SB South Abutment  
 Station 264+98.67  
 Offset 15.00ft W of CL SB 157  
 Ground Surface Elev. 611.15 ft

DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)
4				Augured Bituminous, Brown Fill Sand.	1			
3					3			W
2					4			
608.65				Soft to Very Soft Brown Sandy Loam Fill.	2	0.3	6.9	
2	P				2	P		
3					2			
2					2			
5					2			
4					2			
5	1.8	17.8			1	0.3	8.8	
8	P				1	P		
6					1			
4					WH			
3					1	0.3	10.0	
601.60				Stiff Brown Silty Clay Loam Till Fill.	2	P		
3					1			
2	1.0	16.8			1	0.3	12.0	
3	P				1	P		
2								
7					WH			
5					1	0.3	11.0	
597.10				Stiff Dark Brown Silty Clay/Silty Loam.	1	P		
1								
2	1.0	20.2			WH			
2	P				WH			
593.60				Very Soft Brown Loam.	1			
WH					1			
1	17.6			Auger Refusal at 38' on Cobble or Boulder	1		21.8	
1				End of Boring	2			
-20					-20			

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DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)
6				Hard Gray Clay, (continued)	6			
10	5.9	15.7			10	5.9	15.7	
18	S			Very Dense Gray Fine Sand to Coarse Gravel (Potential Cobble), Loamy.	40		6.2	W
30					30			
568.15				W=Washed Sample (continued)				
30								
30				Very Dense Gray Loamy Fine Sand/Coarse Gravel.				
30							8.0	
566.65				W=Washed Sample				W
45								
12				Dense Gray Fine Sand to Coarse Gravel, Loamy with Layers of Sandy Loam.	22			
12					41		8.0	
18				W=Washed Sample	18			W
60								
21					21	8.6		
20					20	W		
539.65				End of Boring				
12								
12								
21					21	2.5	14.0	
19					19	P		
4								
12					12	3.0	12.0	
17					17	P		W
6								
14					14	3.2	7.0	
16					16	S		W
571.65				Hard Gray Clay.				
6								
14								
16								
553.15								
4								
12								
17								
25								
25								
9.0								
60								
41								9.0
39								W
75								
80								

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