



Illinois Department of Transportation  
Division of Highways  
District #3, Ottawa

### SOIL BORING LOG

Page 1 of 2

Date 4/9/09

ROUTE SBI-64 (IL 64) DESCRIPTION IL 64 over Branch of Kishwaukee River, 1.0 MI E JCT IL 23N LOGGED BY LM

SECTION 126B-1 LOCATION South East 1/4, SEC. 33, TWP. 41N, RNG. 5E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 019-0013 (Exist.)  
Station 78+50.74  
BORING NO. 1 (SE Quad)  
Station 79+00.74  
Offset 14.00ft Rt.  
Ground Surface Elev. 835.33 ft

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)
0				Augered Bit. Shldr., Coarse Gravel & Sand, Black Silty Clay Loam Fill	6			
832.83					7		12.1	
				Stiff Dark Brown Sandy Clay Loam/Silty Clay Loam Fill with Sand & Gravel mixed	6			
	4				6		16.1	
	4				7			
					-25			
	1				3			
	2	1.5	13.2		5		6.5	
	3	P			5			
	1				4			
826.33	3	1.5	22.1		6		18.5	
	5	P			9			
				Medium Gray/ Brown Loamy Fine Sand/Coarse Gravel with Free water @ 10.5'				
	9				-30			
	11		14.2		2			
	14				3		21.1	
					4			
	6				5			
	8		10.8		7		13.0	
	12				9			
					-35			
	10				5			
	7		17.8		5		10.3	
	7				5			
818.33				Loose Gray Fine/Coarse Sand with some Gravel pieces				
	7				7			
	4		16.6		7		18.6	
	4				8			
815.83								
					-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, from 137 (Rev. 8-99)



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				Medium Gray/Brown Fine Sand to Coarse Gravel with Sand Beds (Fine to Coarse) (Washed Samples) (continued)	5			
					6		18.5	
					9			
					3			
					5		20.3	
					5			
					-45			
					3			
					4		15.5	
					6			
					5			
					7		19.0	
					9			
					-50			
					4			
					7		11.1	
					11			
					-55			
					7			
					10		20.3	
					17			
					-55			
					7			
					10		20.3	
					17			
					-55			
					7			
					10		20.3	
					17			
					-55			
					7			
					10		20.3	
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					10		20.3	
					17			
					-55			
					7			
					10		20	