

# BORING LOGS



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation/D-2

## SOIL BORING LOG

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Date 8/29/06

ROUTE FAP 308 DESCRIPTION P92-060-06 Bridge on IL 84 over Cattail Creek, .9 m. S. of US 30 LOGGED BY W. Garza

SECTION 109 BR-5 LOCATION Garden Plain Twp. - 4 SW. SEC., TWP. 21N, RNG. 3E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O I S T U R E
19" Asphalt 1016+04 DRY tan fine SAND					85.00 84.50		1		
							1	0.7	37.0
					177.00				
196.50 STIFF redish brown LOAM with SAND lens		2					1		
		2	1.4				3		
195.00		4	P				5		
-5 192.50 LOOSE brown fine SAND		2					2		
		3					4		
		4					8		
189.50 LOOSE brown fine SAND		1							
		3							
		4							
-10 187.50 MEDIUM redish brown CLAY LOAM with SAND lens		3					8		
		2	0.8	17.0			9		
		5	P				11		
185.00 MEDIUM dark gray SILTY LOAM		1							
		2	0.6	32.0					
		2	P						
-15 182.50 MEDIUM gray SILTY LOAM		1					7		
		1	0.6	29.0			7		
		2	B				8		
180.00 MEDIUM gray SILTY LOAM, concrete footing		1							
		100/6"	1.0	28.0					
		P							

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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1016+04 MEDIUM gray clean medium coarse SAND					85.00 84.50		7		
							8		
							12		
154.00 Wash MEDIUM gray clean medium coarse SAND									
							7		
							8		
							9		
149.00 Wash MEDIUM gray clean medium coarse SAND with GRAVEL									
							8		
							9		
							8		
144.00 Wash MEDIUM gray fine SAND									
							5		
							6		
							9		
139.00 Wash MEDIUM tanish/gray fine SAND									

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