



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

# SOIL BORING LOG

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Date 8/30/07

ROUTE U.S. 6 DESCRIPTION \_\_\_\_\_ LOGGED BY Larry Myers

SECTION SW & NE Quads LOCATION , SEC., TWP., RNG.

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H ft	B L O W S (ft)	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	D E P T H ft	B L O W S (ft)	U C S Qu (tsf)	M O I S T (%)
					Stream Bed Elev. _____ ft				
BORING NO. <u>2 NE Quad</u> Station _____ Offset _____ Ground Surface Elev. _____ ft					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft				
Augered, black, Silty Loam/Silty Clay Loam Fill					Very stiff, gray, Clay with very minor silt. Potential varved Clay layers (continued)		5 7	3.7 S	28.6
Stiff, brown/gray/black, Silty Loam/Loam, Silty Clay Loam Fill		3					2		
		2	1.5	16.8			3	3.5	26.5
		3	P				5	S	
		1					2		
	-5					-25			
		2	1.0	22.6			3	3.6	24.4
		1	P				5	S	
		2					2		
		1	1.0	27.3			3	3.4	25.7
		2	P				4	S	
Very stiff, black/gray, Silty Clay/Silty Clay Loam Fill					Dense, gray, Loam/Silty Loam				
	-10	2				-30	8		
		3	2.3	28.4			16		9.8
		5	P				22	P	
Very stiff, brown/gray, Silty Clay/Clay					Hard, gray, Silty Clay Loam/Silty Loam Till. Brittle				
		2							
		3	2.5	20.0					
		5	P						
		2							
	-15					-35	16		
		3	2.0	31.3			31		12.1
		4	S				44 > 4.5	P	
		2			End of Boring				
		3	3.1	29.3					
		5	S						
	-20	3				-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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					Stream Bed Elev. _____ ft				
BORING NO. <u>1 SW Quad</u> Station _____ Offset _____ Ground Surface Elev. _____ ft					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft				
Augered, black, Silty Loam/Silty Clay Loam Fill					Very stiff, gray/brown Clay with minor silt ribbons and potential varved Clay (continued)		4 5	2.8 S	27.9
Black, Silty Loam/Silty Clay Loam Fill with large Concrete debris		3					3		
		37		14.6			3	2.0	28.2
Soft, dark gray Loam/Silty Loam/Silty Clay Loam Fill					Stiff, gray, Silty Clay				
		7	P				4	S	
		2							
	-5					-25	2	0.5	21.2
		2					3	1.6	26.6
		1					3	B	
		2					3		
		1	1.0	27.3			5	1.8	24.3
		2	P				6	B	
Very stiff, black/gray, Silty Clay/Silty Clay Loam Fill					Medium gray, Loamy/Silty Loam, borderline unconsolidated				
	-10					-30	5		
		3	2.3	28.4			8		11.8
		5	P				15	P	
Very stiff, brown/gray, Silty Clay/Clay					Hard, gray, Silty Clay Loam/Silty Loam Till, brittle with large LS pieces				
		2							
		3	2.5	20.0					
		5	P						
		2							
	-15					-35	15		
		3	2.0	31.3			29		8.7
		4	S				50 > 4.5	P	
		2			End of Boring				
		3	3.1	29.3					
		5	S						
	-20	3				-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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