


BORING LOGS



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

SOIL BORING LOG

Page 1 of 2
Date 6/27/06

ROUTE IL 251 DESCRIPTION D92-055-04 Box culvert on IL 251, .1 m. S. of N. 45th Road LOGGED BY W. Garza


SECTION _____ LOCATION Mendota Twp. - 20NE, SEC., TWP. 36N, RNG. 1E

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

STRUCT. NO. Station	D E P T H	B L O S S	U C S Qu	M O S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O S S	U C S Qu	M O S T	Groundwater Elev.:	
										First Encounter	Upon Completion
050-1004 B-1 40' N. 12.00ft W CL 99.70 ft	(ft)	(/6")	(tsf)	(%)	Dry 95.00 ft	(ft)	(/6")	(tsf)	(%)	None Dry	After Hrs.
Asphalt			0.6	25.0		2				STIFF gray SILTY CLAY TILL	
MEDIUM gray SILTY CLAY LOAM			P		78.20	4	1.6	14.0			
MEDIUM dark gray SILTY LOAM	97.20		2			3				STIFF gray SILTY CLAY TILL	
			2	0.6		5	1.7	14.0			
	95.70		4	P	75.70	7	B				
MEDIUM gray SILTY CLAY LOAM			2			3				STIFF gray SILTY CLAY TILL	
			2	0.7		4	1.3	15.0			
	93.20		4	B	73.20	7	B				
VERY STIFF gray/tan SILTY CLAY TILL			1			2				STIFF gray SILTY CLAY TILL	
			3	2.1		4	1.9	16.0			
	90.70		5	B	70.70	7	B				
VERY STIFF gray SILTY CLAY TILL			1			2				STIFF gray SILTY CLAY TILL	
			4	2.3		5	1.7	17.0			
	88.20		7	B	68.20	7	B				
VERY STIFF gray SILTY CLAY TILL			3			2				VERY STIFF gray SILTY CLAY TILL with SAND lens	
			6	2.5		4	2.1	16.0			
	85.70		7	B	65.70	8	B				
VERY STIFF gray SILTY CLAY TILL			3			3				VERY STIFF gray SILTY CLAY TILL with dirty SAND lens	
			4	3.3		7	2.7	14.0			
	83.20		6	B	63.20	13	B				
STIFF gray SILTY CLAY TILL			2			14				DENSE gray TILL	
			4	1.9		17					
	80.70		7	B	60.70	19					
						20					

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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050-1004 B-1 40' N. 12.00ft W CL 99.70 ft	(ft)	(/6")	(tsf)	(%)	Dry 95.00 ft	(ft)	(/6")	(tsf)	(%)	None Dry	After Hrs.
STIFF gray SILTY CLAY TILL			4			4	1.8	14.0			
			5			8	B				
End of Boring					58.20						

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