


BORING LOGS



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

SOIL BORING LOG

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Date 5/19/06

ROUTE US 20 DESCRIPTION P92-112-06 Box culvert on US 20, .7 m. E. of W. Dameier Road LOGGED BY W. Garza


SECTION _____ LOCATION Erin Twp. - 14 NE, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson 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 Qu	M O I S T U R E	Surface Water Elev.	
					ft	ft
<u>089-1081</u> Station <u>659+50</u> Offset <u>15.00ft W. CL</u> Ground Surface Elev. <u>100.50</u> ft						
	(ft)	(/6")	(tsf)	(%)	First Encounter	ft
					Upon Completion	Dry ft
					After _____ Hrs.	ft
VERY STIFF tan SANDY LOAM				12.0		
VERY STIFF tan SILTY CLAY LOAM	98.00	4				
	96.50	6	3.0	23.0		
		5	P			
MEDIUM tan SILTY CLAY		2				
	94.00	2	0.7	24.0		
		4	B			
VERY STIFF tan CLAY LOAM		1				
	91.50	3	3.0	24.0		
		4	P			
STIFF gray SILTY CLAY		2				
	88.50	4	1.2	24.0		
		4	B			
VERY DENSE tan weathered LIMESTONE		9				
	87.00	100/9"				
Auger Refusal End of Boring						

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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ROUTE US 20 DESCRIPTION P92-112-06 Box culvert on US 20, 0.7 m. E. of Dameier Road LOGGED BY W. Garza

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COUNTY Stephenson 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 Qu	M O I S T U R E	Surface Water Elev.	
					ft	ft
<u>089-1081</u> Station <u>659+82</u> Offset <u>13.60ft Rt. CL</u> Ground Surface Elev. <u>100.20</u> ft						
	(ft)	(/6")	(tsf)	(%)	First Encounter	ft
					Upon Completion	Dry ft
					After _____ Hrs.	ft
STIFF dark brown SILTY CLAY LOAM			1.5	18.0		
	97.70	1	P			
STIFF brown SILTY CLAY LOAM		2	1.5	26.0		
	96.20	3	P			
VERY STIFF brown SILTY CLAY LOAM		3				
	93.70	2	2.5	25.0		
		3	P			
STIFF brown SILTY CLAY		2				
	91.20	3	1.7	22.0		
		4	B			
STIFF brown SILTY CLAY		2				
	88.70	3	1.7	24.0		
		5	B			
VERY DENSE brown weathered LIMESTONE			100/3"			
	87.20					
Auger Refusal End of Boring						

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