


BORING LOGS



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

SOIL BORING LOG

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Date 3/10/04

ROUTE FAS 1177 DESCRIPTION P92-055-04 IL 251 bridge over Pike Creek, 0.2 m. S. of N46th Road LOGGED BY C. Jenkins


SECTION 111BR-2 LOCATION Mendota Twp. - NW 16, NE 17, SEC., TWP. 36N, RNG. 1E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H ft	B L O S S Qu (ft)	U C S (tsf)	M O S I T (%)	Surface Water Elev. Stream Bed Elev.	D E P T H ft	B L O S S Qu (ft)	U C S (tsf)	M O S I T (%)
2185+00					90.00 ft 88.50 ft				
B-1 2184+85					74.6 ft				
13.50ft Rt CL									
99.60 ft									
Asphalt									
MEDIUM black SILTY LOAM with some GRAVEL		0.7	19.0						
		P							
STIFF tan/gray SILTY CLAY	97.10	2							
		5	1.2	22.0					
	95.60	5	S						
STIFF black SILTY CLAY		3							
		4	1.4	26.0					
	93.10	6	P						
STIFF gray/black SILTY CLAY		2							
		3	1.1	24.0					
	90.60	5	B						
STIFF blue/gray CLAY		2							
		3	1.2	28.0					
	88.10	5	B						
MEDIUM gray SILTY CLAY		1							
		3	0.8	26.0					
	85.60	4	B						
Same as above		1							
		1	0.6	26.0					
	83.10	2	B						
MEDIUM gray SILT		1							
		1	0.5	25.0					
	80.60	3	B						

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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2185+00					90.00 ft 88.50 ft				
B-1 2184+85					74.6 ft				
13.50ft Rt CL									
99.60 ft									
HARD mauve CLAY TILL		10							
		13	6.8	11.0					
	58.10	19	B						
HARD mauve SILTY CLAY TILL		7							
		11	6.4	10.0					
	55.60	16	B						
Same as above		10							
		12	7.2	10.0					
	53.10	25	B						
HARD mauve SILTY CLAY TILL with SAND lenses		8							
		10	4.5	10.0					
	50.10	12	P						
MEDIUM tan SAND & GRAVEL		8							
		10							
	48.10	12							
Same as above		10							
		10							
	45.10	10							
HARD mauve SILTY CLAY TILL		7							
		11	4.5	10.0					
	43.10	15	B						
Same as above		4							
		7	4.5	11.0					
	40.60	13	B						

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