


BORING LOGS



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

SOIL BORING LOG

Page 1 of 2
Date 3/12/04

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	B L O W S	U C S	M O S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O S T	Groundwater Elev.: First Encounter Upon Completion After	Hrs.	D E P T H	B L O W S	U C S	M O S T	
																(ft)
Asphalt Shoulder					90.00					77.3						
MEDIUM black SILTY CLAY			0.7	27.0	88.50	2				Wash						
			P			3	1.3	23.0								
						4	B									
MEDIUM black SILTY LOAM						2										
						4	1.7	15.0								
			0.7	30.0		4	B									
			P			4										
STIFF black SILTY CLAY						3										
						4	1.7	25.0								
						5	P									
STIFF gray/black SILTY CLAY						3										
						2	1.8	28.0								
						4	B									
STIFF black SILTY CLAY						2										
						3	1.4	28.0								
						4	B									
SOFT gray SILTY LOAM						1										
						1	0.3	29.0								
						3	B									
Same as above						1										
						2	0.3	26.0								
						2	B									
SOFT gray SILT						1										
						1	0.5	24.0								
						2	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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																(ft)
VERY STIFF mauve SILTY CLAY					90.00					77.3						
TILL					88.50	4				Wash						
						8	2.9	13.0								
						10	B									
Same as above						6										
						7	2.9	15.0								
						12	B									
VERY DENSE tan SAND & GRAVEL with LIMESTONE fragments & a TILL lens						11										
						24										
						30										
HARD mauve SILTY CLAY TILL with a SAND lens						8										
						10	5.6	10.0								
						12	S									
End of Boring																
Wash						13										
HARD brown SILTY CLAY TILL						16	6.0	11.0								
						20	B									
Same as above						10										
						13	6.1	11.0								
						18	B									
HARD brown SILTY CLAY TILL with a GRAVEL lens						8										
						11	4.1	10.0								
						16	B									
HARD mauve SILTY CLAY TILL						9										
						11	5.1	10.0								
						17	B									
Same as above						23										
						22	5.5	10.0								
						27	B									

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BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 251				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\VPWIDOT\FORDJD\dms33877\026407-shb-blog.dgn		DRAWN -	REVISED -		1177	111T	LASALLE	59	39				
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 64A07				
PLOT DATE = Wed Dec 24 14:05:28 2008		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								