


BORING LOGS

STA. 479 + 36

SN 037-1189



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

SOIL BORING LOG

Page 1 of 1
Date 5/19/09

ROUTE FAS 226 DESCRIPTION 037-1107 P92-088-09 Box culvert on US 6, .75 m. W. of 950E LOGGED BY W. Garza


SECTION 3T & 3BR-1 LOCATION Edford Twp. - 21NE, SEC. , TWP. 17N, RNG. 2E

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

STRUCT. NO. Station	B E L O S T W H	U L C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L O S S Qu	U L C S Qu	M O I S T	Groundwater Elev.: First Encounter Upon Completion After Hrs.	D E P T H S	B L O S S Qu	U L C S Qu	M O I S T
037-1107 479+36				91.00 90.50									
B-1b 479+70				630.2					612.2				
27.00ft RI CL 642.20													
SOFT brown SILTY CLAY LOAM		0.3	23.0										
		P		621.20		4	2.7	14.0					
						7	B						
MEDIUM brown SILTY LOAM				640.20									
		1				5							
		2	0.6			6	0.8	25.0					
		3	P	638.70		8	P						
MEDIUM brown SILTY CLAY LOAM				636.20									
		1				3							
		2	0.8			6	3.3	8.0					
		3	B	616.20		11	B						
MEDIUM light gray SILTY LOAM				633.70									
		1				4							
		2	0.5			7	3.1	13.0					
		3	B	613.70		9	B						
MEDIUM light gray SILTY LOAM				630.70									
		0				7							
		3	0.7			7	2.9	14.0					
		3	B	611.20		10	B						
MEDIUM light gray dirty SANDY GRAVEL				628.20									
		1				2							
		6				5	3.9	14.0					
		10		608.70		10	B						
STIFF gray CLAY LOAM TILL				626.20									
		0				4							
		3	1.5			6	3.9	19.0					
		4	B	606.20		10	B						
VERY STIFF gray CLAY LOAM TILL				603.70									
		1				6							
		4	2.3			8	5.4	16.0					
		5	B	603.70		13	B						
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)



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

SOIL BORING LOG

Page 1 of 1
Date 5/19/09

ROUTE FAS 226 DESCRIPTION 037-1107 P92-088-09 Box culvert on US 6, .75 m. W. of 950E LOGGED BY W. Garza

SECTION 3T & 3BR-1 LOCATION Edford Twp. - 21NE, SEC. , TWP. 17N, RNG. 2E

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

STRUCT. NO. Station	B E L O S T W H	U L C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L O S S Qu	U L C S Qu	M O I S T	Groundwater Elev.: First Encounter Upon Completion After Hrs.	D E P T H S	B L O S S Qu	U L C S Qu	M O I S T
037-1107 479+18				91.00 90.50									
B-2b 479+18				None					Dry				
49.00ft LI CL 643.20													
MEDIUM brown SILTY CLAY LOAM				622.20									
						5	3.1	13.0					
						8	B						
MEDIUM brown SILTY LOAM				641.20									
		0.5	24.0										
		P											
MEDIUM brown SILTY LOAM				639.70									
		0				1							
		2	0.6			5	2.7	13.0					
		2	B	619.70		6	B						
SOFT brown SILTY CLAY LOAM				637.20									
		0				1							
		1	0.3			5	2.9	16.0					
		3	B	617.20		6	B						
STIFF tan LOAM				634.70									
		0				1							
		0	2.0			5	3.5	15.0					
		4	P	614.70		9	B						
STIFF tan LOAM				632.20									
		4				1							
		6	1.0			5	2.9	18.0					
		10	B	612.20		8	B						
VERY STIFF gray CLAY LOAM TILL				629.70									
		2				2							
		6	2.9			5	4.3	16.0					
		8	B	609.70		10	B						
VERY STIFF gray CLAY LOAM TILL				627.20									
		2				2							
		6	2.1			5	2.7	18.0					
		7	P	607.20		10	B						
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)