BORING LOGS
STA. 466 + 50
SN 037–1192

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

SOIL BORING LOG

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Date 2/2/12

ROUTE FAS 226 DESCRIPTION 037-1192 P92-088-09 Box Culvert on US 6, .1 m. W. of 900E LOGGED BY Be. Wetzell

SECTION 3T & 3BR-1 LOCATION Edford Twp. - 16SE, SEC. , TWP. 17N, RNG. 2E

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

STRUCT. NO. 037-1192
Station 466+50

BORING NO. B-1
Station 466+48
Offset 55.00ft Lt CL
Ground Surface Elev. 632.40 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY STIFF tan SILTY LOAM				2.2 P	15.0
	630.40		8		
VERY STIFF black SILTY LOAM			8 9	3.0 P	18.0
	628.90				
VERY STIFF black SILTY LOAM		-5	6 4 5	2.5 P	17.0
	626.40				
MEDIUM black SILTY CLAY LOAM			0 2 3	0.8 B	24.0
	623.90				
MEDIUM gray SILTY CLAY LOAM		-10	0 2 3	0.6 B	20.0
	620.90				
MEDIUM gray SILTY CLAY LOAM TILL			0 1 4	1.0 B	14.0
	618.90				
VERY STIFF gray SILTY CLAY LOAM TILL		-15	1 3 6	2.1 B	13.0
	616.40				
VERY STIFF gray SILTY CLAY LOAM TILL			1 3 6	2.1 B	14.0
	613.90	-20	1		
STIFF gray SILTY CLAY LOAM TILL (continued)			3 6	2.0 B	12.0
	611.40				
VERY STIFF gray SILTY CLAY LOAM TILL			1 4 6	2.5 B	14.0
	608.90				
VERY STIFF gray SILTY CLAY LOAM TILL		-25	1 4 6	2.3 B	12.0
	606.40				
VERY STIFF gray SILTY CLAY LOAM TILL			1 6 8	2.9 B	12.0
	603.90				
VERY STIFF gray SILTY CLAY LOAM TILL		-30	2 5 9	3.3 B	13.0
	601.40				
HARD gray SILTY CLAY LOAM TILL			3 6 10	4.5 B	20.0
	598.90				
VERY STIFF gray SILTY CLAY LOAM TILL		-35	3 6 12	3.7 B	15.0
	596.40				
HARD gray SILTY CLAY LOAM TILL			3 6 13	5.4 B	15.0
	593.90	-40	2		

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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Stream Bed Elev. ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY STIFF gray SILTY CLAY LOAM TILL			10 12*	3.1 B	20.0
	591.40				
* Estimated (continued)					
End of Boring		-45 -50 -55 -60			

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)