Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

ROUTE IL 116 DESCRIPTION Overhead Sign Truss 116 (Exist S.N. 4S090S116L006.3) LOGGED BY JAR
Date 5/8/06
SECTION - LOCATION , SEC. , TWP. , RNG. ,
COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO
STRUCT. NO. Exist S.N. 4S090S116L006.3
Station Exist 242+00
BORING NO. 24213
Station 242+13
Offset 1ft Lt Median CL
Ground Surface Elev. 100.00 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft
Groundwater Elev.:
First Encounter 93.5 ft
Upon Completion NONE ft
After - Hrs. - ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	1		
	3	1.6	17
	5	B	
96.00			
Gr Dk Gr CLAY LOAM (w/ Coarse SAND & GRAVEL)			
-5	1		
	2	0.8	28
	3	B	
	1		
	2	2.0	23
	4	B	
	2		
-10	2	1.2	29
	4	B	
	2		
	2		12
	5		
	1		
-15	3	1.0	12
	5	P	
	2		
	4	0.4	13
	6	B	
81.00			
Gr Medium SAND & GRAVEL			
-20	2		
	6		14

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gr Medium SAND & GRAVEL (continued)			
	10		
	2		
	8		11
	10		
	3		
-25	5		16
74.50	9		
••GROUND ELEV.@BORING=100.00			
End of Boring			
-30			
-35			
-40			

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, form 137 (Rev. 8-99)

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ROUTE IL 116 DESCRIPTION Overhead Sign Truss116 (Exist S.N. 4S090S116L006.3) LOGGED BY JAR
Date 5/8/06
SECTION - LOCATION , SEC. , TWP. , RNG. ,
COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO
STRUCT. NO. Exist S.N. 4S090S116L006.3
Station Exist 242+00
BORING NO. 24214
Station 242+14
Offset Off Driving Ln. Shoulder
Ground Surface Elev. 100.00 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft
Groundwater Elev.:
First Encounter 84.8 ft
Upon Completion NONE ft
After - Hrs. - ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	5		
Br Dk Br SILTY CLAY LOAM			
	8	1.0	8
	12	P	
	2		
-5	5	5.0	12
	7	B	
93.50			
Br Dk Br SILTY CLAY LOAM TILL	1		
	5	3.5	12
	8	B	
91.00			
Br Gr SILTY CLAY LOAM (w/gravel)	2		
-10	5	2.0	16
	8	P	
	1		
	2	1.5	17
	8	P	
86.00			
Gr SANDY CLAY (w/gravel)	H		
-15	H	0.3	21
	1	B	
	H		
	1	0.2	17
	2	B	
81.00			
Gr SILTY CLAY w/gravel (0.5in SAND at 22.5ft)	H		
-20	H	0.4	31

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gr SILTY CLAY w/gravel (0.5in SAND at 22.5ft) (continued)			
	1	B	
	1		
	1	0.5	23
	1	B	
76.00			
Gr SANDY GRAVEL (lightly cemented)	2		
-25	4		14
	6		
73.50			
Gr SAND AND GRAVEL (w/some CLAY)	2		
	6		15
	10		
71.00			
Gr SAND AND GRAVEL (w/silty clay seam)	2		
-30	5		13
69.50	7		
••GROUND ELEV.@BORING=100.00			
End of Boring			
-35			
-40			

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, form 137 (Rev. 8-99)

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

- 20

EXAMINED

ENGINEER OF BRIDGE DESIGN

PASSED

ENGINEER OF BRIDGES AND STRUCTURES