STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1087	106T-1	STEPHENSON	78	49
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 04
04 SHEETS

Contract # 64C84

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 7/31/06

ROUTE FAP 1087 DESCRIPTION P92-018-07 Culvert on IL 73, .2 m. S. of Gore Road LOGGED BY W. Garza

SECTION 106 T-1 LOCATION Winslow Twp. - 26 SW, SEC. , TWP. 29N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 089-1022
Station 1044+48

BORING NO. B-1
Station 1044+30
Offset 8.00ft Lt CL
Ground Surface Elev. 99.7 ft

Surface Water Elev. ft
Stream Bed Elev. 91.2 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt					
STIFF brown SILTY CLAY LOAM				1.1 P	16
	97.20				
MEDIUM tan weathered LIMESTONE fill			7 6 5		
	95.70				
STIFF gray/dark gray SILTY CLAY LOAM		-5	4 5 7	1.5 P	25
	93.20				
STIFF gray SILTY LOAM			4 6 10	1.7 S	17
	90.70	-10			
VERY STIFF gray SILTY LOAM			2 7 11	3.0 P	19
	88.20				
MEDIUM gray SILTY CLAY LOAM			3 3 7	0.8 B	26
	85.70	-15			
STIFF dark gray SILTY CLAY LOAM			3 4 6	1.9 B	27
	83.20				
VERY STIFF gray SILTY CLAY			2 3 6	2.5 B	22
	80.70	-20			
VERY STIFF redish brown CLAY LOAM			5 7 8	3.3 S	20
	78.20				
VERY STIFF redish brown CLAY LOAM with LIMESTONE fragments			5 5 8	2.3 S	26
	75.70	-25			
VERY SOFT brown SILTY LOAM, bottom weathered LIMESTONE			1 2 5	0.0 P	94
	72.70				
VERY DENSE tan weathered LIMESTONE			100/1"		
	70.70				
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, from 137 (Rev. 8-99)

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SECTION 106 T-1 LOCATION Winslow Twp. - 26 SW, SEC. , TWP. 29N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 089-1022
Station 1044+48

BORING NO. B-2
Station 1044+66
Offset 8.00ft Rt CL
Ground Surface Elev. 99.9 ft

Surface Water Elev. ft
Stream Bed Elev. 91.5 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt					
MEDIUM brown SANDY LOAM				0.9 P	19
	97.40				
STIFF brown weathered LIMESTONE fill with LOAM			8 4 4	2.0 P	19
	95.90	-5			
VERY STIFF gray SILTY CLAY LOAM			5 6 8	3.7 B	20
	93.40	-10			
STIFF gray SILTY CLAY LOAM			4 5 6	1.6 P	24
	90.90				
MEDIUM/STIFF gray SILTY LOAM			2 3 4	1.0 B	23
	88.40				
STIFF dark gray SILTY LOAM			2 4 6	1.5 P	29
	85.90	-15			
STIFF dark gray SILTY LOAM			3 3 7	1.0 B	28
	83.40				
STIFF gray SILTY CLAY			1 2 5	1.5 B	27
	80.90	-20			
STIFF brown CLAY LOAM			3 4 5	1.3 B	28
	78.40				
STIFF redish brown CLAY LOAM with LIMESTONE fragments			4 5 7	1.9 B	27
	75.40	-25			
MEDIUM tan weathered LIMESTONE			3 8 13		
	73.40				
VERY DENSE tan weathered LIMESTONE			100/4"		
	70.90				
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, from 137 (Rev. 8-99)

DESIGNED	ASP
CHECKED	WSP
DRAWN	LNB
CHECKED	ASP

200

EXAMINED
ENGINEER OF BRIDGE DESIGN

PASSED
ENGINEER OF BRIDGES AND STRUCTURES

BORING LOG
F.A.S. 1087 (IL. RTE. 73)
SECTION 106T-1
STEPHENSON COUNTY
STATION 1044+62.44