


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 2
Date 5/10/06


ROUTE IL 72 DESCRIPTION P92-073-06 Box culvert, .8 m. E. of Shannon Road LOGGED BY W. Garza

SECTION _____ LOCATION Shannon Twp. - 18 SE. SEC. , TWP. 25N. RNG. 7E

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

STRUCT. NO. Station	BORING NO. Station Offset Ground Surface Elev.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev.		Stream Bed Elev.		D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
						93.0 ft	92.0 ft	84.7 ft	Dry ft				
008-1081	B-2d +20 E. of Culv. CL 11.00ft S CL 99.7 ft												
	VERY SOFT SANDY LOAM			0.1 P	11								
	No Recovery	97.20											
	VERY STIFF gray SILTY LOAM												
	VERY STIFF gray LOAM TILL												
		95.70											
	VERY STIFF black SILTY CLAY				24								
		93.20											
	MEDIUM black SILTY CLAY				39								
		90.70											
	MEDIUM black SILTY CLAY with ORGANICS				27								
		88.20											
	VERY STIFF gray SILTY LOAM TILL				13								
		85.70											
	STIFF gray SILTY LOAM TILL				12								
		83.20											
	VERY STIFF gray SILTY LOAM TILL				12								
		80.70											

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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						93.0 ft	92.0 ft	84.7 ft	Dry ft				
008-1081	B-2d +20 E. of Culv. CL 11.00ft S CL 99.7 ft												
	STIFF gray SANDY LOAM TILL												
	End of Boring	58.20											

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DESIGNED	ASP
CHECKED	WSP
DRAWN	BGC
CHECKED	ASP

EXAMINED	200
PASSED	ENGINEER OF BRIDGE DESIGN
	ENGINEER OF BRIDGES AND STRUCTURES

BORING LOG
F.A.P. 545 (IL. RTE. 72)
SECTION 114T-1
CARROLL COUNTY
STATION 244+43.50
STRUCTURE NO. 008-1090