

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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Date 5/10/06

ROUTE IL 72 DESCRIPTION P92-073-06 Box culvert, 0.6 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. 008-1081 DEPT W S Qu T
Station _____ H S Qu T

BORING NO. B-1d DEPT W S Qu T
Station +18 W. of Culv CL H S Qu T
Offset 12.00R N CL H S Qu T
Ground Surface Elev. 99.6 ft (ft) (ft) (tsf) (%) H S Qu T

SOIL DESCRIPTION	DEPTH (ft)	BLOWS	UCS (tsf)	MOISTURE (%)	DEPTH (ft)	BLOWS	UCS (tsf)	MOISTURE (%)
MEDIUM brown SILTY CLAY LOAM	5			15	5			
	6				6			
	7				7			
	78.10							
LOOSE tan Road Rock	1				5			
	3				8	1.7	12	
	6				10	S		
	95.60				76.60			
DENSE tan Road Rock and Rip Rap	7				6			
	22				10	1.4	12	
	15				11	S		
	92.60				72.60			
STIFF black CLAY LOAM	3			30	10			
	2	2.0			9			
	3	P			18			
	90.10				70.10			
LOOSE gray dirty SAND and medium GRAVEL	4				8			
	4				8	2.5	12	
	4				11	P		
	87.60				69.10			
MEDIUM gray SILTY CLAY TILL	2			14	5			
	3	0.9			7	1.9	11	
	5	B			9	S		
	85.60				65.60			
STIFF gray LOAM TILL	1				2			
	3	1.03		13	3	1.1	13	
	6	B			7	B		
	83.10				63.10			
STIFF gray SILTY LOAM TILL	4				5			
	6	1.5		12	6	0.9	13	
	6	S			9	B		
	80.60				60.60			
	20				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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SOIL DESCRIPTION	DEPTH (ft)	BLOWS	UCS (tsf)	MOISTURE (%)	DEPTH (ft)	BLOWS	UCS (tsf)	MOISTURE (%)
SOFT gray LOAM TILL	3			14	3			
	3	0.5			6	B		
	6				68.10			
End of Boring	68.10							

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BBS, from 137 (Rev. 8-99)

DESIGNED - ASP	200
CHECKED - WSP	EXAMINED
DRAWN - BGC	PASSED
CHECKED - ASP	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