BORING LOGS

Illinois Department of Transportation
Division of Highways
Illinois Dept. of Transportation

SOIL BORING LOG

Page 1 of 1

Date 1/28/00

ROUTE FA 549 DESCRIPTION P-92-004-97 Culvert over access drive, .8 mile west of Columbine Road LOGGED BY W. Garza

SECTION 116 RS-1 LOCATION Maryland Twp. - 27 SE, SEC. , TWP. 25N, RNG. 8E, PM

COUNTY Ogle DRILLING METHOD HAMMER TYPE

STRUCT. NO.
Station 433 + 25

BORING NO. B-2g
Station 433 + 05
Offset 16.00ft Lt CL WB
Ground Surface Elev. 98.8 ft

Surface Water Elev. ft
Stream Bed Elev. 90.0 ft

Groundwater Elev.:
First Encounter 81.8 ft
Upon Completion 96.0 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF brown CLAY LOAM					
				1.0 P	21
VERY STIFF tanish brown SILTY CLAY	96.80		5		
			4	3.5 P	23
			4		
MEDIUM brown SILTY CLAY LOAM	95.30	-5	3		
			4	1.0 P	28
			5		
MEDIUM gray brown SILTY CLAY LOAM	92.80		2		
			3	0.75 P	25
			3		
MEDIUM light blue SANDY LOAM with GRAVEL, SAND lens	90.30	-10	0		
			2	0.75 P	20
			3		
MEDIUM tan brown gray SANDY LOAM TILL	87.80		0		
			2	0.75 P	25
			3		
STIFF gray SANDY CLAY TILL	85.30	-15	3		
			3	1.90 B	11
			4		
HARD gray SILT with SAND lens	82.80		3		
			6	5.24 S	16
			9		
VERY STIFF gray SILTY TILL	80.30	-20			
VERY STIFF gray SILTY TILL (continued)			3	2.62 S	17
	77.80		6		
			9		
HARD gray SILTY TILL			8		
			11	4.36 S	15
	75.30		12		
VERY STIFF gray SILT with rocks		-25	18		
			12	3.5 P	18
	72.80		15		
HARD gray SILT with CLAY lens			10		
			7	4.58 S	16
	70.30		12		
HARD gray SILTY CLAY		-30	5		
			11	4.53 B	17
	67.80		14		
STIFF gray SILTY CLAY TILL, bottom 6" white LIMESTONE			3		
			6	1.65 B	18
			48		
	64.80				
VERY DENSE white-ish tan LIMESTONE	63.80	-35	100/9"		
		-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)

•DATE-TIME•
•DGN-SPEC•
•REF
•REF
•REF
•REF