SOIL BORRING LOGS

Illinois Department of Transportation
Division of Highways
Illinios Department of Transportation/D-2

SOIL BORING LOG

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Date 5/5/05

ROUTE FAP 549 DESCRIPTION P92-117-05 IL 72 culvert, .5 m. E. of Main Street in Leaf River LOGGED BY W. Garza

SECTION 117 T LOCATION Leaf River Twp. - 31 NW, SEC. , TWP. 25N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 512+23

BORING NO. B-2f
Station 512+33
Offset 32.00ft Lt of CL
Ground Surface Elev. 93.10 ft

Surface Water Elev. ft
Stream Bed Elev. 91.00 ft

Groundwater Elev.:
First Encounter 81.1 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF brown SILTY CLAY LOAM				1.1 P	23.0
	91.10				
MEDIUM brown SILTY CLAY LOAM			2		
			2	0.8 P	24.0
			4		
	89.60				
STIFF gray SANDY LOAM		-5	2		
			2	1.2 B	19.0
			4		
	86.60				
VERY LOOSE tan very moist fine SAND			2		
			1		
	84.60		2		
MEDIUM tan very moist fine SAND		-10	2		
			4		
	82.10		7		
MEDIUM tan fine SAND		▼	4		
			6		
	79.60		6		
MEDIUM tan fine SAND with medium GRAVEL		-15	4		
			7		
	77.10		9		
Wash			11		
DENSE tan clean medium coarse SAND			16		
			20		
	74.10				
VERY SOFT tan SILT		-20	2		
VERY SOFT tan SILT (continued)			3	0.2 P	21.0
			6		
	71.60				
LOOSE tan fine SAND with medium SAND			2		
			1		
	69.60		5		
SOFT tan SILT with fine SAND lens		-25	1		
			5	0.3 P	26.0
	67.10		5		
MEDIUM tan SAND with LIMESTONE fragments			2		
			6		
	64.60		14		
VERY DENSE tan weathered LIMESTONE	63.10	-30	15		
			100/10"		
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, from 137 (Rev. 8-99)

PLOT DATE = Fri Dec 28 13:52:38 2007
FILE NAME = e:\pcprojects\o210705\dl0705ovr.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = garfj1