BORING LOGS

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

SOIL BORING LOG

Date 9/25/08

ROUTE FA 742 DESCRIPTION P92-064-86 Box culvert relocate, N. of Town Hall Road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 15SW, SEC. , TWP. 24N, RNG. 10E

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

STRUCT. NO.
Station 834+27

BORING NO. B-2h
Station 834+28
Offset 14.00ft Lt CL
Ground Surface Elev. 100.00 ft

Surface Water Elev. ft
Stream Bed Elev. 94.00 ft

Groundwater Elev.:
First Encounter 88.0 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF brown SILTY LOAM	98.00		3		
			4	1.3	20.0
	96.50		6		
STIFF brown SILTY LOAM		-5	3		
			4	1.8	16.0
	94.00		6	P	
MEDIUM brown SILTY LOAM			1		
			3	0.8	39.0
	91.50		5	P	
MEDIUM brown SILTY CLAY LOAM		-10	1		
			4	0.8	33.0
	89.00		5	B	
▼ SOFT tan SILTY LOAM			0		
			0	0.3	35.0
	86.50		2	B	
VERY SOFT tan SILTY LOAM with SAND lens		-15	0		
			0	0.2	35.0
			1	B	
	83.50				
VERY LOOSE tan fine SAND			1		
			1		
	81.50		3		
		-20	2		

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE tan clean medium coarse SAND with medium GRAVEL (continued)			3		
	79.00		5		
	76.50				
MEDIUM tan clean medium coarse SAND		-25	4		
			7		
	74.00		5		
	71.50				
Wash MEDIUM tan clean medium coarse SAND		-30	4		
			5		
	69.00		6		
	66.50				
Wash MEDIUM tan fine SAND		-35	3		
			5		
	64.00		8		
	61.50				
		-40	4		

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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Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan clean medium coarse SAND (continued)			5		
	59.00		9		
	56.50				
MEDIUM tan clean medium coarse SAND		-45	3		
			6		
	54.00		8		
End of Boring					
		-50			
		-55			
		-60			

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