BORING LOGS

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

SOIL BORING LOG

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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. - 14SW, 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-1h
Station 834+20
Offset 14.00ft Rt CL
Ground Surface Elev. 99.60 ft

Surface Water Elev. ft
Stream Bed Elev. 95.00 ft

Groundwater Elev.:
First Encounter 84.6 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Shoulder Rock					
	97.60				
STIFF brown SILTY CLAY LOAM			2		
			2	1.1	22.0
	96.10		3	P	
MEDIUM black SILTY LOAM		-5	2		
			2	0.5	35.0
	93.60		4	P	
MEDIUM black SILTY LOAM			1		
			2	0.8	37.0
	91.10		5	P	
MEDIUM brown SILTY CLAY LOAM		-10	2		
			3	0.9	32.0
	88.60		5	B	
VERY SOFT tan SILTY LOAM			2		
			1	0.2	36.0
	85.60		2	B	
VERY LOOSE tan dirty SAND		▼ -15	0		
			1		
	83.60		1		
LOOSE tan clean medium coarse SAND			2		
			4		
	81.10		5		
		-20	2		
LOOSE light gray clean medium coarse SAND (continued)			3		
	78.60		5		
Wash			4		
MEDIUM tan clean medium coarse SAND with medium GRAVEL			8		
	76.10		7		
LOOSE tan clean medium coarse SAND		-25	2		
			3		
	73.60		5		
MEDIUM tan clean medium coarse SAND			3		
			5		
	71.10		9		
Wash		-30	3		
MEDIUM tan clean medium coarse SAND			6		
	68.60		10		
MEDIUM tan clean medium coarse SAND			4		
			6		
	66.10		11		
Wash Same as above		-35	2		
			6		
	63.60		8		
Wash MEDIUM tan fine SAND			1		
			4		
	61.10		7		
		-40	5		

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		
	58.60		10		
End of Boring					
		-45			
		-50			
		-55			
		-60			

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