BORING LOGS

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

SOIL BORING LOG

Page 1 of 1

Date 6/17/09

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 Retaining Wall, .4 m. N. of Townline road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Byron Twp. - 36SW, SEC. , TWP. 25N, RNG. 10E

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

STRUCT. NO.
Station

BORING NO. B-4j
Station 1033+00
Offset 17.00ft Rt CL
Ground Surface Elev. 687.60 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM				0.5 P	25.0
	685.60				
STIFF brown SILTY CLAY LOAM			1		
			3	1.9	26.0
	684.10		5	B	
MEDIUM brown SILTY CLAY LOAM		-5	1		
			1	0.6	29.0
			4	P	
	681.10				
VERY DENSE tan weathered LIMESTONE			3		
			31		
Auger Refusal at 9.0'	679.10		81		
End of Boring		-10			
		-15			
		-20			

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

STRUCT. NO.
Station

BORING NO. B-5j
Station 1034+00
Offset 18.00ft Rt CL
Ground Surface Elev. 687.50 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM dark brown SILTY CLAY LOAM				0.5 P	30.0
	685.50				
STIFF brown SILTY CLAY LOAM			2		
			3	1.8	26.0
	684.00		6	B	
MEDIUM brown SILTY CLAY LOAM		-5	0		
			2	0.7	31.0
			3	B	
	681.00				
VERY DENSE tan weathered LIMESTONE			0		
			2		
	679.00		58		
	678.00				
VERY DENSE tan weathered LIMESTONE		-10	100/1"		
Auger Refusal at 9.5'					
End of Boring		-15			
		-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)