BORING LOGS

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

SOIL BORING LOG

Page 1 of 1

Date 7/10/08

ROUTE FAU 5857 DESCRIPTION P92-084-08 Culvert on IL 84, .6 m. N. of Colona Road LOGGED BY W. Garza

SECTION 1 R-T LOCATION Hampton Twp. - 4W1/2, SEC. , TWP. 17N, RNG. 1E

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

STRUCT. NO.
Station 94+49

BORING NO. B-1
Station 94+28
Offset 16.00ft Rt CL
Ground Surface Elev. 592.10 ft

Surface Water Elev. ft
Stream Bed Elev. 583.10 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF black LOAM				1.0 P	15.0
	590.10				
VERY LOOSE brown/black LOAM			2		
			2		16.0
	588.60		2		
MEDIUM brown/tan LOAM		-5	2		
			3	0.5 P	22.0
	586.10		5		
VERY STIFF gray CLAY LOAM			2		
			3	2.7 B	19.0
	583.10		5		
DENSE gray SHALE		-10	10		
			21		
	581.10		12		
MEDIUM gray SHALE			9		
			9		17.0
	578.60		12		
VERY DENSE gray SAND STONE		-15	100/1"		
	576.10				
End of Boring		-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 Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 94+49

BORING NO. B-2
Station 94+69
Offset 14.00ft Lt CL
Ground Surface Elev. 591.20 ft

Surface Water Elev. ft
Stream Bed Elev. 583.74 ft

Groundwater Elev.:
First Encounter 584.2 ft ▼
Upon Completion 584.2 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Road Rock					
	589.20				
MEDIUM dark gray LOAM			2		
			2	0.5 P	19.0
	587.70		3		
STIFF brown LOAM with ROCKS		-5	1		
			1	1.1 P	16.0
			1		
	584.70				
SOFT gray CLAY LOAM/SHALE			0		
			0	0.5 B	32.0
	582.70		1		
VERY DENSE gray SAND STONE		-10	6		
			100/4"		
	580.20				
End of Boring		-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)