


BORING LOGS



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

SOIL BORING LOG

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Date 4/1/08

ROUTE FA 742 DESCRIPTION P92-064-86 Box culvert on IL 2, .2 m. N. of River Drive LOGGED BY W. Garza


SECTION 37 RS-3 LOCATION . SEC. , TWP. , RNG.

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Q u T	M O I S T u r e	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.
Off Road									
MEDIUM brown SILTY CLAY LOAM			0.5 P	16.0					
	98.10								
STIFF brown LOAM		2							
	96.60	4	1.1 B	18.0					
		5							
SOFT brown SANDY LOAM with SAND lens		2							
	93.60	4	0.3 P	25.0					
LOOSE brown dirty fine SAND		1							
	91.60	2							
		5							
MEDIUM tan fine SAND		2							
	89.10	7							
		12							
VERY DENSE tan dry SANDY GRAVEL		9							
	86.60	11							
		41							
VERY DENSE tan dry SANDY GRAVEL		34							
	84.10	40							
		47							
End of Boring									

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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Date 6/16/09

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	D E P T H	B L O W S	U C S Q u T	M O I S T u r e	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.
SFT dark brown SILTY CLAY LOAM			0.3 P	27.0					
	684.90								
STIFF brown SILTY CLAY LOAM		1							
	683.40	3	1.9 B	25.0					
		4							
SOFT brown SILTY CLAY LOAM		1							
	680.40	2	0.5 B	29.0					
		4							
MEDIUM tan weathered LIMESTONE		0							
	678.40	3							
		16							
VERY DENSE tan weathered LIMESTONE		27							
	675.90	100/3"							
VERY DENSE gray SANDSTONE		42							
	673.40	29							
		33							
DENSE tan weathered LIMESTONE		29							
	670.90	24							
		20							
VERY DENSE tan weathered LIMESTONE		100/1"							
	668.40								
		100/2"							

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)