


BORING LOGS



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

SOIL BORING LOG

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Date 4/2/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 at Mud Creek Road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 28NW, SEC., TWP. 24N, RNG. 10E


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

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T ure	Surface Water Elev.	
					ft	
					91.90	ft
						ft
BORING NO. <u>B-2d</u>					Groundwater Elev.:	
Station <u>728+00</u>					92.7	ft ▼
Offset <u>15.00ft Rt CL</u>						ft
Ground Surface Elev. <u>99.70</u>	ft	(ft)	(/6")	(tsf)	(%)	ft

Soil Description	Depth (ft)	Blows (S)	UCS (tsf)	Moisture (%)
Agg Base				
STIFF tan SILTY LOAM	97.70	3		
		4	1.7	21.0
	96.20	5	P	
DENSE white weathered LIMESTONE		20		
	93.70	28		
		9		
MEDIUM brown SILTY CLAY LOAM		3		
	91.20	2	0.6	35.0
		2	P	
SOFT brown SILTY CLAY LOAM		6		
	88.70	3	0.5	27.0
		5	P	
MEDIUM tan weathered LIMESTONE		5		
	86.20	8		
		20		
VERY DENSE tan weathered LIMESTONE		30		
	84.20	100/6"		
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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ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 at Mudd Creek LOGGED BY Be. Wetzell

SECTION 37 RS-3 LOCATION Rockvale Twp. - 28NW, SEC., TWP. 24N, RNG. 10E

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

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T ure	Surface Water Elev.	
					ft	
					91.90	ft
						ft
BORING NO. <u>B-3d</u>					Groundwater Elev.:	
Station <u>729+00</u>						ft
Offset <u>13.00ft Rt CL</u>						ft
Ground Surface Elev. <u>99.80</u>	ft	(ft)	(/6")	(tsf)	(%)	ft

Soil Description	Depth (ft)	Blows (S)	UCS (tsf)	Moisture (%)
Aggregate Base				
MEDIUM tan SILTY CLAY LOAM	97.80	2		
		2	0.7	26.0
	96.30	4	P	
VERY STIFF gray SILTY CLAY LOAM with LIMESTONE fragments		0		
	93.80	8	3.7	21.0
		12	P	
VERY DENSE tan weathered LIMESTONE	92.30	100/1"		
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)