


# BORING LOGS



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

## SOIL BORING LOG

Page 1 of 1  
Date 4/4/08

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


SECTION 37 RS-3 LOCATION Rockvale Twp. - 28 NW, 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	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T	Soil Description						
														(ft)	(/6")	(tsf)	(%)			
8" Asphalt					90.00															
STIFF brown SILTY CLAY LOAM			1.8	18.0																
			P																	
STIFF brown SILTY CLAY LOAM	97.90	3																		
		5	1.4	24.0																
	96.40	7	P																	
STIFF gray SILTY CLAY LOAM with SAND lens		3																		
		4	1.7	21.0																
	93.40	5	B																	
LOOSE tan weathered LIMESTONE		4																		
		4																		
	90.90	4																		
VERY SOFT dark gray SILTY LOAM with ORGANICS		1																		
		2	0.2	36.0																
	88.40	2	P																	
VERY LOOSE tan weathered LIMESTONE		1																		
		1																		
	86.40	2																		
MEDIUM tan weathered LIMESTONE		1																		
		4																		
	83.90	15																		
MEDIUM tan weathered LIMESTONE		17																		
		17																		
	81.40	12																		
		23																		
	-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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Date 4/3/08

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														(ft)	(/6")	(tsf)	(%)			
MEDIUM brown SILTY CLAY LOAM																				
			0.5	25.0																
		P																		
	97.40	5																		
LOOSE/MEDIUM brown SAND		5																		
		5																		
	95.90	5																		
STIFF gray SILTY CLAY LOAM		3																		
		4	1.9	23.0																
	93.40	5	B																	
VERY SOFT dark brown LOAM with LIMESTONE fragments		2																		
		2	0.2	29.0																
	90.90	3	P																	
VERY SOFT gray LOAM with LIMESTONE fragments		4																		
		1	0.0	23.0																
	87.90	5	P																	
MEDIUM tan weathered LIMESTONE		9																		
		5																		
	85.90	8																		
VERY LOOSE tan fine SAND with SILT lens		1																		
		0																		
		4																		
	82.90																			
DENSE tan weathered LIMESTONE		15																		
		14																		
	80.90	18																		
	-20																			

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