


# BORING LOGS



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

## SOIL BORING LOG

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Date 5/6/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2, 2.8 m. N. of Mud Creek Road LOGGED BY W. Garza


SECTION 37 RS-3 LOCATION Rockvale Twp. - 10SW, 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 ft	B L O W S Qu	U L C S tsf	M O S T %	Surface Water Elev.		Stream Bed Elev.		D E P T H ft	B L O W S Qu	U L C S tsf	M O S T %
					ft	ft	ft	ft				
BORING NO. <u>B-15e</u> Station <u>863+00</u> Offset <u>15.00ft Rt CL</u> Ground Surface Elev. <u>682.20</u> ft												
LOOSE dark brown dirty SAND				13.0					661.20	6		
										8		
STIFF dark brown SANDY LOAM	680.20	3										
		4	1.5	17.0								
	678.70	5	P						658.70			
MEDIUM brown LOAM		1										
		3	0.7	16.0						5		
	676.20	4	B						656.20	9		
MEDIUM brown SILTY CLAY LOAM		1										
		2	0.7	29.0								
	673.70	3	B						653.70			
VERY SOFT tan LOAM		0										
		1	0.2	26.0								
	670.70	1	P						651.20	4		
LOOSE tan clean medium coarse SAND		1										
		2										
	668.70	5										
Wash LOOSE tan fine SAND		1										
		3										
	666.20	2										
	663.70											
MEDIUM tan SANDY GRAVEL		5										

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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					ft	ft	ft	ft				
BORING NO. <u>B-14e</u> Station <u>868+00</u> Offset <u>12.00ft Rt CL</u> Ground Surface Elev. <u>681.90</u> ft												
LOOSE brown dirty SAND									660.90	6		
										12		
	679.90											
	678.40											
MEDIUM dark brown LOAM		2										
		4	25.0									
	675.90	6							655.90	3		
										5		
										9		
	673.40											
STIFF brown SILTY CLAY LOAM		2										
		3	1.2	28.0								
		4	B									
	668.90								650.90	3		
										5		
										9		
	668.40											
LOOSE/MEDIUM tan clean medium coarse SAND		1										
		4										
	665.90	6										
	663.40											
MEDIUM tan fine SAND		4										

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