



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

### SOIL BORING LOG

Page 1 of 2

Date 9/25/08

ROUTE FA 742 DESCRIPTION P92-064-86 Box culvert relocate, N. of Town Hall Road LOGGED BY W. Garza  
SECTION 37 RS-3 LOCATION Rockvale Twp. - 15SW. SEC., TWP. 24N. RNG. 10E  
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. \_\_\_\_\_  
Station 834+27  
BORING NO. B-2h  
Station 834+28  
Offset 14.00ft Lt Cl.  
Ground Surface Elev. 100.00 ft

DEPTH H ft	B L O W S (ft)	U C S Qu (tsf)	M O I S T (%)	SOIL DESCRIPTION				DEPTH H ft	B L O W S (ft)	U C S Qu (tsf)	M O I S T (%)
				Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev. _____ ft	First Encounter _____ ft				
				LOOSE tan clean medium coarse SAND with medium GRAVEL (continued)							
98.00								79.00	3		
	3								5		
96.50	4	1.3	20.0					76.50			
	6										
				MEDIUM tan clean medium coarse SAND							
94.00	3							74.00	4		
	4	1.8	16.0						7		
	6	P							5		
91.50	1							71.50			
	3	0.8	39.0								
	5	P									
88.00	1			Wash MEDIUM tan clean medium coarse SAND				68.00	4		
	4	0.8	33.0						5		
	5	B							6		
86.50	0							66.50			
	0	0.3	35.0								
	2	B									
83.50	0			Wash MEDIUM tan fine SAND				64.00	3		
	0	0.2	35.0						5		
	1	B							8		
81.50	1							81.50			
	3										
	2								4		

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. 8-89)



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				Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev. _____ ft	First Encounter _____ ft				
				MEDIUM tan clean medium coarse SAND (continued)							
59.00								59.00	5		
									9		
56.50								56.50			
54.00				MEDIUM tan clean medium coarse SAND				54.00	3		
									6		
									8		
				End of Boring							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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BBS, from 137 (Rev. 8-89)

DESIGNED KJB  
CHECKED CTH  
DRAWN DMJ  
CHECKED DFM

BORING LOGS  
STRUCTURE NO. 071-1135

SHEET NO. 5  5 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37 R-4	OGLE	867	195
	CONTRACT NO. 64E17				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					