



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

SOIL BORING LOG

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Date 9/26/08

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. - 14SW, SEC., TWP. 24N, RNG. 10E  
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	DEPTH 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 Wash ft	After Hrs. ft	DEPTH H	B L O W S	U C S Qu	M O I S T
	(ft)	(#)	(tsf)	(%)							(ft)	(#)	(tsf)	(%)
Shoulder Rock														
							LOOSE light gray clean medium coarse SAND (continued)				78.60	3		
												5		
STIFF brown SILTY CLAY LOAM	97.60	2					Wash					4		
		2	1.1	22.0			MEDIUM tan clean medium coarse SAND with medium GRAVEL				76.10	8		
	96.10	3	P									7		
MEDIUM black SILTY LOAM		2					LOOSE tan clean medium coarse SAND					2		
		2	0.5	35.0								3		
	93.80	4	P									5		
MEDIUM black SILTY LOAM		1					MEDIUM tan clean medium coarse SAND					3		
		2	0.8	37.0								5		
	91.10	5	P									9		
MEDIUM brown SILTY CLAY LOAM		2					Wash					3		
		3	0.9	32.0			MEDIUM tan clean medium coarse SAND					6		
	88.80	5	B									10		
VERY SOFT tan SILTY LOAM		2					MEDIUM tan clean medium coarse SAND					4		
		1	0.2	36.0								6		
	85.80	2	B									11		
VERY LOOSE tan dirty SAND		0					Wash					2		
		1					Same as above					6		
	83.80	1										8		
LOOSE tan clean medium coarse SAND		2					Wash					1		
		4					MEDIUM tan fine SAND					4		
	81.10	5										7		
		2										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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Date 9/25/08

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	(ft)	(#)	(tsf)	(%)							(ft)	(#)	(tsf)	(%)
							MEDIUM tan clean medium coarse SAND (continued)					5		
												10		
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)

DESIGNED	KJB
CHECKED	CTH
DRAWN	DMJ
CHECKED	DFM

BORING LOGS  
STRUCTURE NO. 071-1135

SHEET NO. 4	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37 R-4	OGLE	867	194
5 SHEETS	CONTRACT NO. 64E17				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					