



SOIL BORING LOG

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

STRUCT. NO.	DEPT	BLOW	UNCS	MOS	Surface Water Elev.
Station	H	S	Qu	T	ft
BORING NO. <u>B-22d</u>					Stream Bed Elev. _____ ft
Station <u>734+86</u>					Groundwater Elev.: _____ ft
Offset <u>13.00R Lt. Cl.</u>					First Encounter <u>676.0</u> ft
Ground Surface Elev. <u>683.00</u> ft	(ft)	(#)	(tsf)	(%)	Upon Completion <u>Dry</u> ft
					After _____ Hrs. _____ ft
MEDIUM light brown SILTY CLAY			0.6	21.0	
			P		
STIFF brown SILTY CLAY LOAM	2	1.1	25.0		
	6	B			
MEDIUM light brown SILTY CLAY with LIMESTONE fragments	3	0.7	27.0		
	13	B			
VERY DENSE tan weathered LIMESTONE	100/8				
Auger Refusal					
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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STRUCT. NO.	DEPT	BLOW	UNCS	MOS	Surface Water Elev.
Station	H	S	Qu	T	ft
BORING NO. <u>B-23d</u>					Stream Bed Elev. _____ ft
Station <u>734+00</u>					Groundwater Elev.: _____ ft
Offset <u>13.00R Lt. Cl.</u>					First Encounter <u>673.3</u> ft
Ground Surface Elev. <u>682.80</u> ft	(ft)	(/6")	(tsf)	(%)	Upon Completion <u>674.3</u> ft
					After _____ Hrs. _____ ft
MEDIUM gray SILTY CLAY LOAM			0.9	19.0	
			P		
MEDIUM brown SILTY CLAY LOAM	2	0.8	26.0		
	4	B			
MEDIUM rusty yellow weathered LIMESTONE	2				
	7				
SOFT/MEDIUM tan weathered LIMESTONE with SILTY CLAY lens	4	0.3	23.0		
	9	P			
VERY DENSE tan weathered LIMESTONE	16				
	100/8				
Auger Refusal					
End of Boring					

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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	JMW
CHECKED	DFM
DRAWN	CTH
CHECKED	DFM

BORING LOGS
STRUCTURE NO. 071-7004

SHEET NO. 18	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37R-4	OGLE	867	230
23 SHEETS	CONTRACT NO. 64E17				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					