STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SOIL BORING LOG

Page 1 of 1

Date 4/21/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 north of 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.
Station

BORING NO. B-24d
Station 733+06
Offset 13.00ft Lt CL
Ground Surface Elev. 682.90 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM				0.8 P	20.0
	680.90				
MEDIUM brown SILTY CLAY LOAM			1 1 3	0.9 B	26.0
	679.40				
MEDIUM brown SILTY CLAY with LIMESTONE fragments		-5	1 7 9	0.9 P	23.0
	676.90				
No Recovery			1 2 3		
	674.40				
VERY DENSE tan weathered LIMESTONE	672.90	-10	100/1"		
Auger Refusal					
End of Boring					
		-15			
		-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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COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station

BORING NO. B-25d
Station 732+00
Offset 13.00ft Lt CL
Ground Surface Elev. 682.70 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	680.70				
SOFT brown SILTY CLAY LOAM				0.3 P	22.0
	679.20				
VERY STIFF dark brown LOAM with weathered LIMESTONE		-5	6 12 12	2.1 P	20.0
auger Refusal at 6.8'					
	675.90				
End of Boring					
		-10			
		-15			
		-20			

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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)

BORING LOGS
STRUCTURE NO. 071-7004

DESIGNED	JMW
CHECKED	DFM
DRAWN	CTH
CHECKED	DFM

Howard R. Green Company

SHEET NO. 19	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
23 SHEETS	742	37R-4	OGLE	867	231
			CONTRACT NO. 64E17		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		