STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SOIL BORING LOG

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Date 3/6/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, south of Stronghold Entrance LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 33 NE, SEC., TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station

BORING NO. B-5a
Station 674+50
Offset 12.00ft Lt CL
Ground Surface Elev. 684.60 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 667.6 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown LOAM				0.3 P	15.0
	682.60				
MEDIUM brown SILTY CLAY LOAM			2		
			3 4	0.5 P	26.0
	681.10				
SOFT brown SILTY LOAM		-5	1		
			1 3	0.3 B	26.0
	678.60				
SOFT brown SILTY LOAM			0		
			1 2	0.4 B	26.0
	676.10				
SOFT brown SILTY LOAM		-10	0		
			1 2	0.3 B	26.0
	673.10				
MEDIUM cream white moist fine SAND			2		
			5 21		
	671.10				
VERY DENSE rusty yellow fine SAND		-15	27		
			100/10"		
	668.60				
VERY DENSE rusty yellow fine SAND		▼	100/5"		
	666.10				
		-20	100/1"		
Wash VERY DENSE rusty yellow fine SAND, St. Peter's SANDSTONE *(continued)*	663.60				
Hard Drilling					
	661.10				
Wash VERY DENSE rusty yellow fine SAND		-25	100/1"		
	658.60				
End of Boring		-30			
		-35			
		-40			

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 T208)

BBS, from 137 (Rev. 8-99)

BORING LOGS
IL. RTE. 2
RETAINING WALL C
STA. 673+17.00 TO STA. 675+22.00

DESIGNED	DFM
CHECKED	DSG
DRAWN	DSG
CHECKED	DFM

Howard R. Green Company

SHEET NO. 9	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9 SHEETS	742	37 R-3	OGLE	345	181
		SN 071-7001	CONTRACT NO. 84788		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		