

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation 0-2

SOIL BORING LOG

Page 1 of 1

Date 3/5/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, just 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-15 Automatic

STRUCT. NO. Station	BORING NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter ft	Upon Completion ft	Wash After Hrs.	D E P T H	B L O W S	U C S	M O I S T	
																(ft)
	B-1a 675+12								671.4							
	Offset 12.00 ft															
	Ground Surface Elev. 683.40															
	MEDIUM brown SILTY CLAY LOAM			0.8 P	15.0											
	681.40															
	MEDIUM brown SILTY CLAY LOAM			0.8 P	23.0											
	679.90															
	MEDIUM brown SILTY CLAY LOAM			0.8 B	25.0											
	677.40															
	VERY SOFT light brown SILTY LOAM			0.2 P	29.0											
	674.90															
	VERY SOFT light brown SILTY LOAM			0.0 P	34.0											
	671.90															
	DENSE rust SANDSTONE or fine SAND			12/23	16.0											
	669.40															
	Augers easily VERY DENSE rust SANDSTONE or fine SAND			100/7												
	667.40															
	becomes tenacious VERY DENSE rust fine SAND			100/3.5												
	664.90															
				100/11												

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

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

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Dietrich Automatic

STRUCT. NO. Station	BORING NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter ft	Upon Completion ft	After Hrs.	D E P T H	B L O W S	U C S	M O I S T	
																(ft)
	B-2a 674+02								670.5							
	Offset 11.00 ft															
	Ground Surface Elev. 685.50															
	MEDIUM brown SILTY CLAY			0.7 P	24.0											
	683.00															
	MEDIUM brown SILTY CLAY			4/6	24.0											
	681.50															
	SOFT brown SILTY CLAY LOAM			1/3	29.0											
	679.00															
	MOIST SOFT brown SILTY CLAY LOAM			1/1	26.0											
	676.50															
	VERY MOIST VERY SOFT brown SILTY CLAY LOAM			0/1	27.0											
	674.00															
	STIFF gray CLAY LOAM			2/4	31.0											
	671.50															
	VERY SOFT brown SILTY LOAM			2/4	19.0											
	669.00															
	STIFF brown SILTY LOAM			3/8	21.0											
	666.50															

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)

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. 7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37 R-3	OGLE	345	179
9 SHEETS	SN 071-7001		CONTRACT NO. 84788		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		