## **BORING LOGS**

Illinois Department of Transport  BUSSION OF Highways Illinios Department of Transport  ROUTE FA 742  SECTION 37 RS-3  COUNTY Ogle DR	ation/D-2 DES	CRIPT	ION OCATIO	 ON _	P92-(	64-86 IL 2 retaining wall, south of Stronghold Entrance  Le Twp 33 NE, SEC. , TWP. 24N, RNG. 10	Date LOGGED BY	
STRUCT. NO.  Station  BORING NO.  Station  674+50  Offset  52.00ft Rt CL  Ground Surface Elev.  676.40  MEDIUM dark brown SILTY CLAY  OAM		D E P T H	B L O W S	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. Stream Bed Elev.  Groundwater Elev.: First Encounter Upon Completion	ft ft	
MEDIUM brown SILTY CLAY .OAM /ERY STIFF brown SILTY CLAY .OAM	673.90 672.40	-5	1 3 5	0.9 P	25.0			
/ERY LOOSE/LOOSE brown dirty SAND	669.40 667.40		1 2 2	В				
DENSE white fine SAND, St. Peter	664.90	-10	1 2 29					
/ERY DENSE rusty yellow fine AND	662.40	-15	100/5"					
/ERY DENSE rusty yellow fine SAND End of Boring	659.90		100/2"					

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)

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 N.E. SEC., TWP. 24N, RNG. 10E   COUNTY   Ogle   DRILLING METHOD   Holiow Stem Auger   HAMMER TYPE   CME-45 Automatic   STRUCT. NO.   B   L   C   O   P   O   S   I   STRUCT. NO.   B - 1a   T   W   S   S   STRUCT. NO.   B - 1a   T   T   W   S   S   STRUCT. NO.   B - 1a   T   T   W   S   S   STRUCT. NO.   B - 1a   T   T   W   S   S   STRUCT. NO.   B - 1a   T   T   W   S   S   STRUCT. NO.   B - 1a   T   T   W   S   T   T   T   W   S   STRUCT. NO.   B - 1a   T   T   T   W   S   T   T   T   W   S   STRUCT. NO.   B - 1a   T   T   T   W   S   T   T   T   W   S   STRUCT. NO.   B - 1a   T   T   T   W   S   T   T   T   W   S   STRUCT. NO.   B - 1a   T   T   T   W   S   T   T   T   W   S   STRUCT. NO.   B - 1a   T   T   T   T   T   T   T   T   T	of Division	inois Dep Transpor on of Highways Department of Transpo	artme tatio	ent n				SOIL BORING LOG			_	_	of <u>1</u>
COUNTY   Ogle   DRILLING METHOD   Hollow Stem Auger   HAMMER TYPE   CME-45 Automatic							P92-064	GGED					
STRUCT. NO	SECTION	37 RS-3	<del></del>	_ L	OCATIO	N _	Rockva	le Twp. 33 NE, SEC. , TWP. 24N, RNG. 10E					
Station	COUNTY	Ogle D	RILLING M	ETHO	D		Но	llow Stem Auger HAMMER TYPE	_	С	ME-45	Automa	tic
MEDIUM brown SILTY CLAY	Station BORING NO Station	B-1a 675+12 12.00ft Lt		E P T H	L O W S	C S Qu	0 I S T	Stream Bed Elev.  Groundwater Elev.: First Encounter 671.4 1 Upon Completion Wash	ft <u>▼</u>	E P T H	L O W S	C S Qu	0     S   T
MEDIUM brown SILTY CLAY LOAM  681.40  0.8 23.0  679.90  MEDIUM brown SILTY CLAY LOAM  679.90  677.40			) ft	(11)	(/6")	(tst)	(%)		ft	(11)	(/6")	(tst)	(%)
MEDIUM brown SILTY CLAY LOAM  679.90	LOAM		-				15.0	SANDSTONE	662.40	_			
MEDIUM brown SILTY CLAY LOAM  677.40  677.40  677.40  677.40  677.40  677.40  677.40  1  2  0.2  0.2  29.0  674.90  10  674.90  10  674.90  674.90  674.90  674.90  674.90  674.90  674.90  674.90  10  674.90		CLAY					23.0		659.90				
SANDSTONE		CLAY	-	-5	1			VERY DENSE rust St. Peter	,	-25			
VERY SOFT light brown SILTY LOAM  VERY SOFT light brown SILTY LOAM	LOAM		677.40		- 1		25.0		657.40	_			
VERY SOFT light brown SILTY  LOAM  -10  0  0  0  1  1  0  -30  -30  -30		wn SILTY	674.90		2		29.0						
DENSE rust SANDSTONE or fine  3  12  12  13  669.40  Augers easily VERY DENSE rust SANDSTONE or fine SAND  667.40  becomes tenacious VERY DENSE rust fine SAND  100/3.5"		wn SILTY	-	-10	0		34.0			-30			
12   16.0			671.90		·				•				
Augers easily -15 33 -35  VERY DENSE rust SANDSTONE   100/7"   -10		NE or fine	<u>-</u>	<u> </u>	12		16.0						
VERY DENSE rust SANDSTONE or fine SAND 667.40  becomes tenacious VERY DENSE rust fine SAND			669.40		23					_			
becomes tenacious VERY DENSE rust fine SAND	VERY DENSE rust SAM	NDSTONE	667 40						-	-35			
"		e SAND	-		00/3.5	11			-	_			
$\rightarrow$ $\mid$ $\mid$ $\mid$			664.90						-				
t i i i i i i i i i i i i i i i i i i i			-										

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)

Γ	FILE NAME =	USER NAME = oushmanbw	DESIGNED -	REVISED -								F.A.P	SECTION	COUNTY	TOTAL	SHEET
	pw_work\PWIDOT\CUSHMANBW\dms34123\d#6486logs.dgn		DRAWN -	REVISED ~	STATE OF ILLINOIS	BORING LOGS				742	37R-3	OGL F	345	220		
		PLOT SCALE = 1980.0040 in / IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							,,_,		CONTRAC	CT NO.	84788
		PLOT DATE = Fr: May 01 08:36:59 2009	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST.	NO. ILLINOIS FED. A	ID PROJECT		<u> </u>