

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	3B-1	PIKE	51	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
Sheet 8 of 8 Sheets				



Illinois Department of Transportation  
Division of Highways  
IDOT District 6

SOIL BORING LOG

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Date 9/18/05

ROUTE FAP 304 (IL96) DESCRIPTION over Jimtown Branch LOGGED BY M. Tappan

SECTION 3B-1 LOCATION NE 14, SEC. 20, TWP. 6 S, RNG. 5 W, 4 PM

COUNTY Pike DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	075-0043 Ex	D	B	U	M	Surface Water Elev.	483.6	ft	D	B	U	M
Station	075-2506 Pr	E	L	C	O	Stream Bed Elev.	483.6	ft	E	L	C	O
	784+75.41	P	O	S	I				P	O	S	I
BORING NO.	1 NW Abut	T	W	S		Groundwater Elev.:			T	W	S	
Station	784+37	H	S	Qu	T	▽ First Encounter	451.4	ft	H	S	Qu	T
Offset	11.05 Rt					▽ Upon Completion	Washed	ft				
Ground Surface Elev.	495.9	ft	(ft)	/8"	(ta)	▽ After _____ Hrs.	Plugged	ft	(ft)	/8"	(ta)	(%)

Gray Moist LOAM to Clay LOAM (FH)						Brown Moist Coarse Grained Cherty Limestone GRAVEL (continued)	4					
	1					w/Greyish Brown V. Moist Silty Clay Loam Seam	1					
	2	0.6			18		3	0.3				27
	2	S-11					1	B				
	1											
	3	1.1			17		0					
	7	S-9					-35	7				
								8				
No Recovery, Rock in Sampler												
	4											
	3											
						Light Brown and Grey Wet SILT	487.90					
No Recovery, Rock in Sampler												
	1											
	2											
	2											
	1											
	3											
	3											
						Light Brown and Grey V. Moist LOAM	483.90					
	1											
	2	0.9			18							
	3	B										
	1											
	2											
	3											
	1											
	2											
	3											
	1											
	3											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
 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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SECTION 3B-1 LOCATION NE 14, SEC. 20, TWP. 6 S, RNG. 5 W, 4 PM

COUNTY Pike DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	075-0043 Ex	D	B	U	M	Surface Water Elev.	483.6	ft	D	B	U	M
Station	075-2506 Pr	E	L	C	O	Stream Bed Elev.	483.6	ft	E	L	C	O
	784+75.41	P	O	S	I				P	O	S	I
BORING NO.	1 NW Abut	T	W	S		Groundwater Elev.:			T	W	S	
Station	784+37	H	S	Qu	T	▽ First Encounter	451.4	ft	H	S	Qu	T
Offset	11.05 Lt					▽ Upon Completion	Washed	ft				
Ground Surface Elev.	495.9	ft	(ft)	/8"	(ta)	▽ After _____ Hrs.	Plugged	ft	(ft)	/8"	(ta)	(%)

Grey Moist SILTY CLAY LOAM (continued)												
	2											
	1											
	3											
	1											
	0											
	7											
	8											
	17											
	63											
	37											
	6											
	39											
	61											
	11											
	6											
	39											
	61											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
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Plot Date = Aug-31-2007 11:56:37AM  
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 Plot Scale = 4.23625 / IN  
 User Name = laughton-1

**The Upchurch Group**  
 HILLSIDE, IL. (708) 449-2321  
 MATTOON, IL. (217) 235-3177

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SOIL BORINGS**  
 IL 96 OVER JIMTOWN BRANCH  
 FAP 304 SECTION 3B-1  
 STA. 784+76  
 PIKE COUNTY STR. 075-2506  
 SCALE: \_\_\_\_\_ DRAWN BY CEW  
 DATE: \$DATE CHECKED BY MJS