

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 6/30/08

ROUTE FAS 2370 (IL 26) DESCRIPTION IL 26 over Blue Creek @ S. edge of Spring Bay LOGGED BY SCI(BCR)
SECTION 29BR-1 LOCATION NW 1/4, SEC. 12, TWP. 27N, RNG. 4W, 3rd PM.
Latitude N40° 49' 09.5", Longitude W89° 31' 18.9"
COUNTY Woodford DRILLING METHOD CME 750 W/ HSA HAMMER TYPE Automatic

STRUCT. NO.	102-0039(exist)	D	B	U	M	Surface Water Elev.	
Station	102-0068(prop)	E	L	C	O	Stream Bed Elev.	
	262+40	P	O	S	I		
		T	W	Qu	S	Groundwater Elev.:	
		H	S		T	First Encounter	
BORING NO.	1 (S. Abut)					Upon Completion	
Station	261+78					After	
Offset	36.00ft RT	(ft)	(/6")	(tsf)	(%)		
Ground Surface Elev.	470.30 ft						
Very Dense, Brown, Fine-Medium SAND							
w/ trace fine gravel (continued)							
	386.30		21				
Very Dense, Brown, Fine-Medium SAND			63				
w/ coarse gravel & cobbles	-85		111				
	383.80						
Gray CLAYSHALE							
			41				
			100@6"		14		
			-90				
			31				
			100@5"		13		
becomes dark gray			35				
	375.88		100@5"		12		
End of Boring			-95				
			-100				

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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SOIL BORING LOG

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Date 6/24/08

ROUTE FAS 2370 (IL 26) DESCRIPTION IL 26 over Blue Creek @ S. edge of Spring Bay LOGGED BY SCI(BCR)
SECTION 29BR-1 LOCATION NW 1/4, SEC. 12, TWP. 27N, RNG. 4W, 3rd PM.
Latitude N40° 49' 10.0", Longitude W89° 31' 19.2"
COUNTY Woodford DRILLING METHOD CME 750 W/HSA & Rotary HAMMER TYPE Automatic

STRUCT. NO.	102-0039(exist)	D	B	U	M	Surface Water Elev.	
Station	102-0068(prop)	E	L	C	O	Stream Bed Elev.	
	262+40	P	O	S	I		
		T	W	Qu	S	Groundwater Elev.:	
		H	S		T	First Encounter	
BORING NO.	2 (PIER)					Upon Completion	
Station	262+29					After	
Offset	25.00ft RT	(ft)	(/6")	(tsf)	(%)		
Ground Surface Elev.	460.50 ft						
Coarse SAND, GRAVELS, COBBLES and BOULDERS	459.50					440.00	
Loose to Medium Dense, Brown SANDY LOAM		4			6		2
		5			8		6
					8		8
return to auger drilling		4					3
grades to trace coarse gravel		6		6			10
		7					8
		-5					-25
grades to trace coarse gravel	455.00						
Medium Dense, Brown, Coarse SAND		4					3
some fine gravel w/ tr. silt/clay		8		9			6
		6					9
grades to trace fine gravel	452.50						
Very soft, Brown SANDY CLAY w/ tr. fine gravel		1					8
		1	0.2	15			13
		1	B				10
		-10					-30
Loose, Brown SANDY LOAM (fine to coarse sand, some silt, clay & fine gravel)	450.00						
		3			13		
		4					
		3					
Loose, Brown, Coarse SAND some fine gravel	447.50						2
		3					5
		3					7
		-15					-35
begin mud rotary drilling	445.00						
Dense, Fine to Coarse GRAVEL w/ tr. fine to cse sand		8					
		21					
		15					
		2					
		7					1
		9					2
Medium Dense, Brown, Fine to Medium SAND w/ trace fine gravel	441.50						6
		-20					-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 T206)

BBS, from 137 (Rev. 8-99)

DESIGNED CTW
CHECKED CDL
DRAWN DP
CHECKED CTW/CDL

BORING LOGS (2 OF 5)
STRUCTURE NO. 102-0068

SHEET NO. 23 26 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2370	29BR-1	WOODFORD	76	45
	CONTRACT NO. 68466				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

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