

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 3

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)
102-0068(prop)
Station 262+40

BORING NO. 1 (S. Abut)
Station 261+78
Offset 36.00ft RT
Ground Surface Elev. 470.30 ft

DEPTH (ft)	BULGE (in)	SHEAR (tsf)	Penetration (in)	SOIL DESCRIPTION	ELEVATION (ft)	DEPTH (ft)	BULGE (in)	SHEAR (tsf)	Penetration (in)	SOIL DESCRIPTION	ELEVATION (ft)
4				Fill: Medium Stiff, Brown SILTY LOAM	449.80	4				Medium Dense, Brown SANDY LOAM w/ tr. fine gravel (continued)	449.80
5	0.9	20				5				Loose, Brown, Medium-Coarse SAND w/ some fine gravel	447.30
5						5					
466.80						466.80					
1				Stiff to Medium Stiff, Brown SILTY CLAY LOAM		1				Loose, Brown, Fine-Coarse, SAND w/ some silt, clay & fine gravel, tr. coarse gravel	
2	1.3	19				2					
2						2					
-5						-5					
444.80						444.80					
1				becomes dark brown		1				Loose, Brown, Medium-Coarse SAND w/ tr. fine gravel	
2	0.8	16				2					
2						2					
462.30						462.30					
1				Soft, Dark Brown SANDY CLAY LOAM		1				Medium Dense, Brown, Fine-Coarse, SAND w/ tr. fine gravel & tr. to some silt & clay	
2	0.4	12				2					
2						2					
-10						-10					
459.80						459.80					
2				Loose, Brown, Fine-Coarse SAND tr. fine gravel		2					
4	0.5	10				4				Medium Dense, Brown, Medium-Coarse SAND w/ tr. fine gravel	
3						3					
458.55						458.55					
2				Medium Stiff, Brown SANDY LOAM		2					
4						4					
3						3					
456.05						456.05					
5				Medium Dense, Brown, Fine-Coarse, SAND w/ some silt, clay & fine gravel		5					
6						6					
-15						-15					
433.30						433.30					
3				grades to trace coarse gravel		3					
8						8					
10						10					
451.30						451.30					
10						10					
7						7					
8						8					
-20						-20					

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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6				Medium Dense to Very Dense, Brown, Fine-Medium SAND w/ tr. fine gravel (continued)		6				Very Dense to Dense, Grayish-Brown, Fine SAND (continued)	
12						12					
20						20					
-45						-45					
400.80						400.80					
7						7					
18						18					
37						37					
-50						-50					
398.30						398.30					
19						19					
52						52					
91						91					
-55						-55					
416.30						416.30					
19						19					
52						52					
91						91					
-75						-75					
14						14					
36						36					
52						52					
-75						-75					
19						19					
46						46					
47						47					
-80						-80					

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DESIGNED	CTW
CHECKED	CDL
DRAWN	DP
CHECKED	CTW/CDL

BORING LOGS (1 OF 5)
STRUCTURE NO. 102-0068

SHEET NO. 22	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2370	29BR-1	WOODFORD	76	44
26 SHEETS	CONTRACT NO. 68466		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

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