

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 3

Date 6/26/08

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' 10.8", Longitude W89° 31' 19.3"

COUNTY Woodford DRILLING METHOD CME 750 W/HSA HAMMER TYPE Automatic

STRUCT. NO. 102-0039(exist)
102-0068(prop)
Station 262+40

BORING NO. 3 (N. Abut)
Station 263+08
Offset 10.00ft RT
Ground Surface Elev. 477.00 ft

Elev. (ft)	D	B	U	M	Description	Elev. (ft)	D	B	U	M	Penetration Data								
											(ft)	(/6")	(tsf)	(%)					
476.25					Asphalt Pavement 9"	456.50													
					Fill: Medium Dense, Brown, Fine to Medium SANDY LOAM w/ trace fine gravel														
474.00					Fill: Medium Dense, Brown, Fine to Medium SAND w/ trace fine gravel														
471.50					Fill: Medium Dense, Brown, Fine to Medium SANDY LOAM w/ trace fine gravel														
470.00					Fill: Gray SILTY CLAY LOAM														
469.00					Fill: Stiff, Dark Brown SILTY CLAY LOAM														
466.50					Fill: Loose, Brown, Fine to Medium SANDY LOAM w/ trace fine gravel														
465.00					Fill: Stiff, Dark Brown SILTY CLAY LOAM														
464.00					Medium Stiff, Brown SANDY CLAY														
459.00					Very Loose, Brown SANDY LOAM														

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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Elev. (ft)	D	B	U	M	Description	Elev. (ft)	D	B	U	M	Penetration Data								
											(ft)	(/6")	(tsf)	(%)					
435.00					Loose to Medium Dense, Brown, Fine to Coarse SAND w/ trace fine gravel, silt & clay (continued)														
					Medium Dense, Brown, Fine to Medium SAND														
					grades to finer sand														
					grades to trace fine gravel														
425.00					Medium Dense, Brown, Fine to Coarse SAND w/ some fine gravel														
					grades to finer sand														
420.00					Medium Dense to Very Dense, Brown, Fine to Medium SAND w/ trace fine gravel														
					No recovery, possible gravels, cobbles & sand														

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

DESIGNED CTW
CHECKED CDL
DRAWN DP
CHECKED CTW/CDL

BORING LOGS (4 OF 5)
STRUCTURE NO. 102-0068

SHEET NO. 25 26 SHEETS	EFK Moen, LLC Civil Engineering Design		331 Salem Place Suite 225 Fairview Heights, IL 62208		Phone 618-206-4250 Fax 618-206-4253	
	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	2370	29BR-1	WOODFORD	76	47	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT			
			CONTRACT NO. 68466			