

Illinois Department of Transportation
Division of Highways
State Department of Transportation

SOIL BORING LOG Page 1 of 2
Date 9/25/03

ROUTE FAS 2370 (IL 26) DESCRIPTION ILLINOIS 26 OVER COFFEE CREEK SOUTH OF HENNEPIN LOGGED BY M(D3)_R(D4)

SECTION 1 BR LOCATION SW 1/4, SEC. 15, TWP. 32N, RNG. 2W, 3rd PM

COUNTY	PUTNAM	DRILLING METHOD	Hollow Stem Auger	HAMMER TYPE	AUTOMATIC
STRUCT. NO.	078-0016	D B U M	Surface Water Elev.	r	D B U M
Station	96+59	E L C O	Stream Bed Elev.	r	E L C O
BORING NO.	01 (S&S ABUT)	P O S I	Groundwater Elev.:	r	P O S I
Station	97+22	T W S	First Encounter	450.0 r	T W S
Offset	25.00BLT	H S Qu T	Upon Completion	WASHED ft	H S Qu T
Ground Surface Elev.	482.69 ft (R) (R7) (R8) (R1)		After	Hrs.	(R) (R7) (R8) (R1)
ALLEGED Loose Brown SAND, Some Coarse GRAVEL & Dark Gray SANDY LOAM					
BEGIN WASH BORING Medium Brown Fine SAND to Coarse GRAVEL					
Dense Brown Fine SAND to Coarse GRAVEL					
Medium Brown SANDY LOAM					
Loose Brown Fine to Coarse SAND with Fine to Coarse GRAVEL with Minor SILT Layers					
Medium Brown Fine SAND to Coarse GRAVEL					
Very Loose Brown Fine to Coarse SAND					
Very Soft Brown SANDY LOAM					
Very Soft Gray SANDY LOAM with Layers of Gray Fine to Medium SAND					
Very Loose Brown Fine SAND to Coarse GRAVEL					

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 (ASTM D1586)
BBS, from 137 (Rev. 8-89)

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BORING NO.	01 (S&S ABUT)	P O S I	Groundwater Elev.:	r	P O S I
Station	97+22	T W S	First Encounter	450.0 r	T W S
Offset	25.00BLT	H S Qu T	Upon Completion	WASHED ft	H S Qu T
Ground Surface Elev.	482.69 ft (R) (R7) (R8) (R1)		After	Hrs.	(R) (R7) (R8) (R1)
Medium Brown Fine SAND to Coarse GRAVEL (continued)					
Dense Brown Fine SAND to Coarse GRAVEL					
Medium Brown Medium to Coarse SAND with Some Coarse GRAVEL (continued)					
61.0 End drilling D3 9/25/03, Begin drilling D4 9/26/07					
Very Dense Brown Coarse SAND and GRAVEL					
Gray CLAY SHALE					
End of Boring					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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COUNTY	PUTNAM	DRILLING METHOD	Hollow Stem Auger	HAMMER TYPE	AUTOMATIC
STRUCT. NO.	078-0018	D B U M	Surface Water Elev.	r	D B U M
Station	96+59	E L C O	Stream Bed Elev.	r	E L C O
BORING NO.	02 (PIER 2)	P O S I	Groundwater Elev.:	r	P O S I
Station	98+73	T W S	First Encounter	449.7 r	T W S
Offset	22.50BLT	H S Qu T	Upon Completion	WASHED ft	H S Qu T
Ground Surface Elev.	461.24 ft (R) (R7) (R8) (R1)		After	Hrs.	(R) (R7) (R8) (R1)
ALLEGED Brown Fine to Coarse SAND					
Medium Brown Fine SAND/Coarse GRAVEL					
Alarming 8' Layers of Soft Brown SAND & Soft Brown SANDY LOAM					
Medium Brown Fine to Coarse SAND					
BEGIN WASH BORING Loose Brown Fine SAND to Coarse GRAVEL					
Very Dense Brown Coarse SAND and GRAVEL					
Gray CLAY SHALE					
Very Loose Brown Fine SAND to Fine GRAVEL					
End of Boring					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Station	96+59	E L C O	Stream Bed Elev.	r	E L C O
BORING NO.	02 (PIER 2)	P O S I	Groundwater Elev.:	r	P O S I
Station	98+73	T W S	First Encounter	449.7 r	T W S
Offset	22.50BLT	H S Qu T	Upon Completion	WASHED ft	H S Qu T
Ground Surface Elev.	461.24 ft (R) (R7) (R8) (R1)		After	Hrs.	(R) (R7) (R8) (R1)
Medium Brown Fine SAND/Coarse GRAVEL (continued)					
Loose to Medium Brown Fine SAND/Coarse GRAVEL					
Dense Brown Fine SAND/Coarse GRAVEL					
Medium Brown Fine SAND/Coarse GRAVEL					
Very Dense Brown Coarse SAND and GRAVEL					
Gray CLAY SHALE					
End of Boring					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BORINGS
ILLINOIS ROUTE 26 OVER
COFFEE CREEK
F.A.S. ROUTE 2370
SECTION 1-BR
PUTNAM COUNTY
STA. 96+59.00
STRUCTURE NO. 078-0046