CONTRACT NO. 70546

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	105	26

• D5 CABLE GUARD 2007-1

Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist. 5

SOIL BORING LOG

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Date 7/606

I-74 @ Oakwood from C.H. 10 to Kickapoo Road Overpass

ROUTE FAI 74 DESCRIPTION LOGGED BY RRW

SECTION HTCG – Oakwood LOCATION , SEC. , TWP. 19N, RNG. 12W–13W, 3rd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 5 HTCB
Station 1574+00
Offset 11.0 ft Rt.
Ground Surface Elev. 642.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 632.0 ft ▼
Upon Completion ft
After Hrs. ft

	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Grey/Black Topsoil		2	1.0	9
		5	E	
		4		
		4	1.5	15
		4	E	
		2		
638.0				
Grey Mottled Silty Clay Loam		2	1.2	23
	-5	2	B	
		1		
		1	0.3	25
		1	E	
		1		
		3	1.2	13
	▼ -10	4	B	
		2		
630.0				
Grey Sandy Clay Loam Till		3	1.0	12
		3	E	
		3		
		6	2.5	11
627.0	-15	9	B	
End of Boring				
	-20			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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)

7/20/2006 11:03:14 AM S:\SOILS\BORING LOGS\HTCG_OAKWOOD.GPJ

PLOT DATE = 12/13/2006
FILE NAME = c:\projects\d5060606 (c8)\oakwood\70546bor logs.dgn
PLOT SCALE = 127.0059 ' / IN.
USER NAME = cowgre