CONTRACT NO. 70546

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	105	24

• 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 7/6/06

ROUTE FAI 74 DESCRIPTION I-74 @ Oakwood from C.H. 10 to Kickapoo Road Overpass 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. 1 HTCB
Station 1509+25
Offset 8.0 ft Rt.
Ground Surface Elev. 646.2 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Sandy Clay Loam			2		
			2	1.6	15
			3	B	
			1		
			2	0.4	22
	641.2	-5	1	B	
Brown Sandy Clay Loam			1		
			2	1.0	11
			3	B	
			1		
			2	0.8	13
		-10	3	B	
	635.2				
Grey Sandy Clay Loam Till			2		
			4	3.7	12
			5	B	
			2		
			6	4.5	11
	631.2	-15	8	B	
End of Boring					
		-20			

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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)

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SOIL BORING LOG

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Date 7/6/06

ROUTE FAI 74 DESCRIPTION I-74 @ Oakwood from C.H. 10 to Kickapoo Road Overpass 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. 2 HTCB
Station 1524+75
Offset 4.5 ft Rt.
Ground Surface Elev. 648.8 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Sandy Clay Loam			3		
			3	4.4	18
			5	S	
	645.8				
Brown Mottled Silty Clay Loam			2		
			3	3.3	19
		-5	4	B	
	642.8				
Dark Grey Sandy Clay Loam			2		
			3	2.1	23
			5	B	
	640.3				
Brown/Grey Sandy Clay Loam			1		
			2	1.6	22
		-10	2	B	
			1		
			1	1.0	18
			2	B	
			1		
			3	1.4	14
	633.8	-15	4	B	
End of Boring					
		-20			

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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)

PLOT DATE = 12/13/2006
FILE NAME = c:\projects\d506006 (v8)\oakwood\70546borlogs.dgn
PLOT SCALE = 12.7059 ' / IN.
USER NAME = creigre