CONTRACT NO. 70546

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	105	23

• D5 CABLE GUARD 2007-1

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

SOIL BORING LOG

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ROUTE FAI Rt. 74 DESCRIPTION HTCG Cables East of Danville on FAI Rt. 74 LOGGED BY RRW

SECTION HTCG - Danville LOCATION , SEC. , TWP. 19N, RNG. 11W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 3 HTCG
Station 2020+75
Offset 3.0 ft RT of WB EOP
Ground Surface Elev. 582.3 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 573.3 ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Coarse Sand to Brown Sandy Gravel			4		
			8		
			11		
			4		
			14		
	577.3	-5	12		
Brown Fine Sand			2		
			1		
			1		
	574.3				
Brown Sandy Clay Loam Till			6		
			16		7
		-10	26		
			6		
			10	3.9	10
			14	S	
			6		
			16		9
	567.3	-15	36		
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)

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SOIL BORING LOG

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Date 7/17/06

ROUTE FAI Rt. 74 DESCRIPTION HTCG Cables East of Danville on FAI Rt. 74 LOGGED BY RRW

SECTION HTCG - Danville LOCATION , SEC. , TWP. 19N, RNG. 11W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 4 HTCG
Station 2030+75
Offset 5.0 ft RT of WB EOP
Ground Surface Elev. 580.9 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 571.9 ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Coarse Sand to Brown Sandy Gravel			4		
			6		
			6		
			3		
			5		
		-5	4		
			4		
			5		
			8		
			4		
			11		
	570.9	-10	13		
Brown Sandy Clay Loam Till			2		
			6		22
			11		
			6		
			13		9
	565.9	-15	13		
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)

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PLOT DATE = 12/13/2006
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PLOT SCALE = 12.7059 ' / IN.
USER NAME = creigre