CONTRACT NO. 70585

SHEET 6 OF 6

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	121BR	VERMILION	19	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

SOIL BORING LOG

Page 1 of 1

Date 10/06

ROUTE FAP 840 (IL 49) DESCRIPTION Box Culvert 1 Mile North of Armstrong LOGGED BY RRW

SECTION 121BR LOCATION SE, SEC. 14, TWP. 22N, RNG. 14W, 3rd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-8072
Station 806+80.46

BORING NO. 2 West Boring
Station 806+68
Offset 17.0 ft Lt.
Ground Surface Elev. 718.5 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/Gray Mottled Silty Clay Loam			2		
			2	1.5	21
		-5	3	B	
			2		
			4	2.1	19
			6	B	
Brown/Gray Silty Clay Till	710.5		2		
			4	4.3	18
		-10	8	B	
Gray Silty Till	707.5		2		
			5	3.3	13
			5	S	
Gray Silty Clay Till	705.5		2		
			3	3.3	17
		-15	5	B	
End of Boring	703.5	-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)

10/24/2006 7:57:20 AM S:\SOILS\BORING LOGS\VERMILION CNTY\092-8072.GPJ

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

SOIL BORING LOG

Page 1 of 1

Date 10/06

ROUTE FAP 840 (IL 49) DESCRIPTION Box Culvert 1 Mile North of Armstrong LOGGED BY RRW

SECTION 121BR LOCATION SE, SEC. 14, TWP. 22N, RNG. 14W, 3rd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-8072
Station 806+80.46

BORING NO. 1 East Boring
Station 806+68
Offset 17.0 ft Rt.
Ground Surface Elev. 718.7 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/Gray Mottled Silty Clay Loam			2		
			2		26
		-5	4		
			2		
			2	1.0	22
			4	B	
Brown/Gray Silty Clay Till	710.7		2		
			5	4.3	18
	708.7	-10	8	B	
Gray Silty Clay Till			1		
			6	4.1	17
			10	B	
			3		
			5	4.1	17
	703.7	-15	7	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)

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING SHEET

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = 5/14/2007
FILE NAME = c:\projects\d510206 \d51\il49plansheets_revised.dgn
PLOT SCALE = 1863.924 ' / IN.
USER NAME = cellurts