CONTRACT NO. 70547

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57&74	*	**	151	38

* D5 CABLE GUARD 2007-2
** CHAMPAIGN, DEWITT & DOUGLAS

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

SOIL BORING LOG

Page 1 of 1

Date 7/26/06

ROUTE FAI 57 & 74 DESCRIPTION Propsed HTCB on I-57SB Just South of Tuscola LOGGED BY CNA

SECTION D5 Cable Guard 2007-2 LOCATION , SEC. , TWP. , RNG.

COUNTY Dewitt, Champaign, Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 7 HTCB Farmer City
Station 712+25
Offset 19.8 ft Lt. of E.O.P.
Ground Surface Elev. 738.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 725.1 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown to Gray Mottled Silty Clay Loam to Sandy Clay Loam (Fill)			3		
			4 5	2.2 S	20
			3		
		-5	6 9	5.2 S	27
	732.6				
Dark Gray Mottled Clay			2		
			2 2	1.2 B	28
	729.6				
Gray Mottled Silt to Silty Clay			2		
		-10	1 2	0.9 B	25
			1		
	726.1		2 3		
Brown Oxidized Sand Loam with Gravel	725.1 ▼				
Gray Sandy Clay Loam Till			1		
	723.1	-15	2 6	1.3 B	12
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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Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 7/26/06

ROUTE FAI 57 & 74 DESCRIPTION Propsed HTCB on I-74 EB Just East of Rest Area LOGGED BY CNA

SECTION D5 Cable Guard 2007-2 LOCATION , SEC. , TWP. , RNG.

COUNTY Dewitt, Champaign, Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 8 HTCB Farmer City
Station 725+50
Offset 16.0 ft Lt. of E.O.P.
Ground Surface Elev. 736.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 728.6 ft ▼
Upon Completion 725.6 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay (Topsoil)	735.6				
Gray Mottled Sandy Clay Loam (Fill)			2		
			3 4		16
	732.6		2		
Brown Mottled Clay to Silty Clay		-5	2 5	2.1 B	28
	730.6				
Brown/Gray Mottled Silt to Silty Clay			2		
			1 3	0.7 B	25
	728.6 ▼				
Brown Dirty loose Coarse Sand with Trace of Free Water			0		
		-10	1 1		
	726.1 ▽				
Gray Sand Loam Till			0		
			1 2	0.5 B	14
			1		
	722.1		4 6		13
Gray Moderately Sorted Coarse Sand	721.6	-15			
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 = 10/30/2006
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PLOT SCALE = 1 IN. / 1 IN.
USER NAME = phillpsjr

SOIL BORINGS LOCATION #3 FARMER CITY