CONTRACT NO. 70547

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57&74	*	**	151	36

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

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

SOIL BORING LOG

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Date 7/26/06

ROUTE FAI 57 & 74 DESCRIPTION Proposed HTCB on I-57 North of Pesotum Near NB & SB Rest Areas LOGGED BY RRW

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. 1 HTCB
Station 174+40
Offset 5.0 ft Rt. of E.O.S.
Ground Surface Elev. 695.8 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Silty Clay Loam		3		
		3		37
693.8		4		
Grey Sandy Clay Loam		3		
		5	9.1	11
691.3	-5	7	B	
Dark Grey Sandy Clay Loam		3		
		3	2.5	25
		5	B	
687.8				
Brown Mottled Silty Clay		2		
		1	1.4	26
	-10	2	B	
684.8				
Brown Sandy Clay Loam Till		0		
		0	2.3	16
		2	B	
		2		
		6	4.9	14
680.8	-15	8	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)

9/22/2006 9:26:31 AM S:\SOILS\BORING LOGS\CHAMPAIGN CNTY\HTCB I-57 TUS@PESOTUM.GPJ

PLOT DATE = 10/30/2006
FILE NAME = c:\projects\d5@6186 \d8\soils705470.dgn
PLOT SCALE = 100.0024 ' / IN.
USER NAME = phillipsj

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

SOIL BORING LOG

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Date 7/26/06

ROUTE FAI 57 & 74 DESCRIPTION Proposed HTCB on I-57 North of Pesotum Near NB & SB Rest Areas LOGGED BY RRW

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. 2 HTCB
Station 216+00
Offset 9.0 ft Rt. of E.O.S.
Ground Surface Elev. 695.8 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Silty Clay Loam		1		
		2	1.2	24
		4	B	
		1		
		2	1.6	24
	-5	3	B	
		0		
		1	0.8	24
		2	B	
		1		
		3	1.2	15
	-10	4	B	
684.8				
Grey Sandy Clay Loam		2		
		7	1.6	10
		6	B	
682.8				
Grey Sandy Clay Loam Till		2		
		3	2.9	13
680.8	-15	6	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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SOIL BORINGS LOCATION #2 PESOTUM