Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

Date 7/6/06

ROUTE FAI 74 DESCRIPTION HTCMB at Oakwood LOGGED BY RRW

SECTION _____ LOCATION , SEC. , TWP. 19N, RNG. 12W-13W, 3rd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____
Station _____

BORING NO. 17 HTCB
Station 1509+25
Offset 8.0 ft Rt. of Med. CL
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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Sandy Clay Loam		3		
		3 5	4.4 S	18
643.2				
Brown Mottled Silty Clay Loam		2		
		3 4	3.3 B	19
	-5			
640.2				
Dark Gray Sandy Clay Loam		2		
		3 5	2.1 B	23
637.7				
Brown/Gray Sandy Clay Loam		1		
		2 2	1.6 B	22
	-10			
		1		
		1 2	1.0 B	18
		1		
		3 4	1.4 B	14
631.2	-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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Illinois Department of Transportation
Division of Highways
IDOT - Region 3/Dist 5

SOIL BORING LOG

Date 7/6/06

I-74 @ Oakwood from C.H. 10 to Kickapoo Road Overpass

ROUTE FAI 74 DESCRIPTION _____ 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. 5 HTCB
Station 1574+00
Offset 11.0 ft Rt.
Ground Surface Elev. 642.0 ft

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

Groundwater Elev.:
First Encounter 632.0 ft ▼
Upon Completion _____ ft
After _____ Hrs. _____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Grey/Black Topsoil		2 5	1.0 E	9
		4		
		4 4	1.5 E	15
638.0				
		2		
Grey Mottled Silty Clay Loam		2 2	1.2 B	23
	-5			
		1		
		1 1	0.3 E	25
		1		
		3 4	1.2 B	13
	▼ -10			
		2		
630.0				
Grey Sandy Clay Loam Till		3 3	1.0 E	12
		3		
		6 9	2.5 B	11
627.0	-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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Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

FILE NAME = D570967-xxx-xxx-BORINGS.dgn	USER NAME = JLM	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN JLM	REVISED -			74	MEDIAN CABLE 2012-2	VERMILION	120	49
	PLOT SCALE =	CHECKED TMM	REVISED -							
	PLOT DATE =	DATE	REVISED -		SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 70967		
							ILLINOIS FED. AID PROJECT			