Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

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Date 10/16/64

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at Duncan Rd. LOGGED BY Baker

SECTION Median Cable 2013-1 LOCATION SE, SEC. 28, TWP. 20N, RNG. 8E, 3rd PM GPS:

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Manual

STRUCT. NO. 010-0169
Station 1837+30.89

BORING NO. 3 HTCMB
Station 1837+31
Offset 0.0 ft Lt.
Ground Surface Elev. 811.6 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 (%)
Black Silty Clay (Top Soil)	807.6				
Stiff to Hard Bown Mottled Clay Loam Till		-5	9	1.2 E	17
			11	2.9 B	14
		-10	17	4.0 E	12
Very Stiff Gray Silty Clay Loam Till	800.6				
			12	2.0 E	18
(Soil information taken from Bridge Borings)		-15	12	4.3 B	13
(N Values Shown are per foot)	796.1				
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 E-Estimate)
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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Date 1/16/13

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at Median Crossover (1857+30) LOGGED BY CNA

SECTION Median Cable 2013-1 LOCATION NW, SEC. 34, TWP. 20N, RNG. 8E, 3rd PM GPS:

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Crossover
Station

BORING NO. 4 HTCMB
Station 1857+37
Offset 7.0 ft Lt.
Ground Surface Elev. 793.7 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 (%)
Gray/Brown Mottled Clay Loam (Embankment)			2		
	791.7		3 3	0.8 B	27
Black to Gray/Brown Silty Clay (Mixed)			2		
	788.7	-5	3 4	2.4 B	21
Black Silty Clay Loam			4		
			5 6	2.6 B	27
	784.7		3		
Gray/Brown Mottled Silty Clay Loam	783.7	-10	4 5	1.4 B	28
End of Boring		-15			
		-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 E-Estimate)
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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