

Illinois Department of Transportation
Division of Highways
District 5, Maternia

SOIL BORING LOG

Page 1 of 2 Date 6/6/02

ROUTE FAI Rt. 57 DESCRIPTION I-57/Curtis Road Interchange LOGGED BY CNA

SECTION 10-32HB-3-K LOCATION SW, SEC. 33, TWP. 19N, R1G. 8E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0272 (Prop.)
Station _____
BORING NO. B11A, W. Abut.
Station 297+70
Offset 130.0 ft LL
Ground Surface Elev. 696.5 ft (ft) (6'') (ft) (%)

Soil Description	Depth (ft)	Blow Count (6'')	SPT (ft)	Blow Count (6'')	SPT (ft)
Black Silty Clay (Top Soil)	0				
Gray Clay Loam Till (continued)	0				
Gray/Brown Mottled Silty Clay Loam	1	1.3	27	4	3.2
	2	2		8	8
Gray/Brown Mixed Medium Sand	1	1.3	21		
Gray Clay Loam Till	1			2	
Brown Medium Sand	5	1.4	12	4	2.8
Gray Clay Loam Till	10	4		8	8
	1	5	5.0	11	
	1	6	5.2	11	
	10	8		11	4.3
	11	8		11	10
	3	7	5.2	10	
	11	11			
	1	5	4.7	10	
	12	12		12	4.3
	20			12	14
	40				

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 T208)

BBS, form 137 (Rev. 8-99)

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Gray Clay Loam Till (continued)	0				
	2	5	5.1	12	
	4	4		8	8
	4	4		4	4.3
	8	8		8	11
	10	10		10	
End of Boring	646.5	-50			

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SECTION 10-32HB-3-K LOCATION SW, SEC. 33, TWP. 19N, R1G. 8E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0272 (Prop.)
Station _____
BORING NO. B12, Mid. Pier
Station 297+70
Offset 0.0 ft LL
Ground Surface Elev. 697.0 ft (ft) (6'') (ft) (%)

Soil Description	Depth (ft)	Blow Count (6'')	SPT (ft)	Blow Count (6'')	SPT (ft)
Black Silty Clay (Topsoil - Soft)	0				
Gray Clay Loam Till (continued)	0				
Brown Dirty Coarse Sand	1	0.6	28	3	3.3
	1	1		5	5
Brown Mottled Clay Loam (Weathered Till)	1				
Gray Gravelly Clay Loam Till	2	1.0	13	8	3.3
	5	6		10	10
Gray Clay Loam Till	8	4.1	12	10	
	10	10		10	
	1	7	3.7	11	
	9	9			
	1	6	5.0	11	
	5	5		15	5.3
	20			15	12

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)
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Station 297+70
Offset 0.0 ft LL
Ground Surface Elev. 697.0 ft (ft) (6'') (ft) (%)

Soil Description	Depth (ft)	Blow Count (6'')	SPT (ft)	Blow Count (6'')	SPT (ft)
Gray Clay Loam Till (continued)	0				
Gray Sand Loam Till	0				
	7	4.7	12	22	
	11	11		31	6
	11	11		48	48
	2			13	
	8	5.4	10	19	5.2
	12	12		26	7
	15	15		35	5
	8			10	
	16	5.0	10	14	4.4
	12	12		17	8
	15	15		17	8
	8			14	
	11	7	5.0	17	7.0
	10	10		18	7
	50			80	18

(Boring Extended Below 50' on May 6, 2004)

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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Gray Sand Loam Till (continued)	0				
	10			15	3.6
	15			25	7
End of Boring	672.0	-88			

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 T208)

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DESIGNED SLD
CHECKED SMM
DRAWN SLD
CHECKED SMM

SOIL BORINGS
CURTIS ROAD BRIDGE ENHANCEMENTS
CHAMPAIGN COUNTY
STATION 297+20.45

Clark Dietz
ENGINEERS

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