



SOIL BORING LOG

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Date: 8/20/08

ROUTE FAIR ST DESCRIPTION West Arm on I-57SB between L74 & L72 LOGGED BY BRW
SECTION _____ LOCATION NW, SEC. 2, TWP. 12N, R12E, SE, 3rd PM
COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>58010057 L338-04</u> Station <u>547+00</u>	D E P T H ft	B L O W S (ft)	U C S Co (%)	M O I S T (%)	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
BORING NO. <u>1 Mast Arm</u> Station <u>548+45</u> Offset <u>35.0 R/W of SB CL</u> Ground Surface Elev. <u>778.1</u> ft					
Black Silty Clay Loam					
Brown Sandy Clay Loam					
Clay Silty Clay with Loose Gray Sand Seams					
Clay Silty Clay Loam Till					
(2" of Sand Blown In - Washed Sand out of Auger)					
End of Boring					

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
The Unclassified 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 (ASTM D 1586)

SDS, form 137 (Rev. 9-00)



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Date: 8/20/08

ROUTE FAIR ST DESCRIPTION West Arm on I-57SB between L74 & L72 LOGGED BY BRW
SECTION _____ LOCATION SE, SEC. 2, TWP. 12N, R12E, SE, 3rd PM
COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>58010057 R338-32</u> Station <u>488+00</u>	D E P T H ft	B L O W S (ft)	U C S Co (%)	M O I S T (%)	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
BORING NO. <u>2 Mast Arm</u> Station <u>489+71</u> Offset <u>35.0 R/W of SB CL</u> Ground Surface Elev. <u>740.0</u> ft					
Brown Gray Sandy Clay Loam (Embankment)					
End of boring					
Base to Black Gray Silty Clay - Clay (Embankment)					
Black Silty Clay					

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
The Unclassified 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 (ASTM D 1586)

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DESIGNED -	20
CHECKED -	EXAMINED
DRAWN -	ENGINEER OF BRIDGE DESIGN
CHECKED -	PASSED
	ENGINEER OF BRIDGES AND STRUCTURES