



Illinois Department  
of Transportation  
Division of Highways  
IDOT

### SOIL BORING LOG

Page 1 of 1

Date 3/1/11

ROUTE FAI Rt. 74 (I-74) DESCRIPTION HTCMB from the Vermilion River Bridge to TR 1000E Overpass LOGGED BY CNA  
SECTION HSIP FY2011-4 LOCATION SE, SEC. 10, TWP. 19N, RNG. 12W, 2nd PM GPS:  
COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	TERMINALS	D	B	U	M	Surface Water Elev.	ft
Station	1725+75 to 1728+75	E	L	C	O	Stream Bed Elev.	ft
		P	O	S	I		
		T	W	Qu	S	Groundwater Elev.:	
BORING NO.	3 HTCMB	H	S		T	First Encounter	632.3 ft ▼
Station	1728+00					Upon Completion	633.3 ft ▼
Offset	12.0 ft Lt.					After	Hrs. ft
Ground Surface Elev.	638.3 ft	(ft)	(/6")	(tsf)	(%)		
Brown Sand Loam with Small Gravel 637.3							
Brown Medium to Fine Sand with Small Gravel							
Gray Clay Loam Till 632.3 ▼							
End of Boring 628.3 -10							

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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Date 3/1/11

ROUTE FAI Rt. 74 (I-74) DESCRIPTION HTCMB from the Vermilion River Bridge to TR 1000E Overpass LOGGED BY CNA  
SECTION HSIP FY2011-4 LOCATION SW, SEC. 10, TWP. 19N, RNG. 12W, 2nd PM GPS:  
COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	TERMINALS	D	B	U	M	Surface Water Elev.	ft
Station	1695+50 to 1699+00	E	L	C	O	Stream Bed Elev.	ft
		P	O	S	I		
		T	W	Qu	S	Groundwater Elev.:	
BORING NO.	4 HTCMB	H	S		T	First Encounter	616.5 ft ▼
Station	1696+61					Upon Completion	617.0 ft ▼
Offset	10.0 ft Lt.					After	Hrs. ft
Ground Surface Elev.	621.0 ft	(ft)	(/6")	(tsf)	(%)		
Brown Sand Loam Till							
Brown to Gray/Brown Coarse Sand with Gravel 616.5 ▼							
(Sand Blow In)							
End of Boring 611.0 -10							

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)

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -			74	HSIP FY2011-4	VERMILION	88	28	
		CHECKED -	REVISED -			CONTRACT NO. 70910					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.				