

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 11
OF 12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	120B	MCLEAN	31	22
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 70518				



Illinois Department of Transportation
Division of Highways
IDOT - Region 3/246 5

SOIL BORING LOG

Page 1 of 2

Date 5/9/06

ROUTE FAP Route 693 (IL 9) DESCRIPTION IL 9 over West Fork Sugar Creek 2 Miles West of Danvers LOGGED BY CNA

SECTION 120B LOCATION SE, SEC. 21, TWP. 24N, RNG. 1W

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>057-0090</u>	D	B	U	M	Surface Water Elev. <u>712.8</u> ft	D	B	U	M
Station <u>1209+00</u>	E	L	C	O	Stream Bed Elev. <u>710.9</u> ft	E	L	C	O
	P	O	S	I		P	O	S	I
BORING NO. <u>1 East Abut.</u>	T	W	S		Groundwater Elev.: <u>715.4</u> ft	T	W	S	
Station <u>1209+44</u>	H	S	Qu	T	First Encounter <u>715.4</u> ft	H	S	Qu	T
Offset <u>13.3</u> ft Rt.					Upon Completion <u>Wash Bored</u> ft				
Ground Surface Elev. <u>727.4</u> ft	(ft)	(6")	(pcf)	(%)	After <u>Hra</u> ft	(ft)	(6")	(pcf)	(%)

Shoulder Pavement	727.4				Brown Dirty Poorly Sorted Coarse to Very Coarse Sand with Small Gravel (continued)				
	726.4								
Brown Silty Clay to Silt (Embankment)									
		3					4		
		2	1.3	23	(2 Feet of Blow In)		7		
		-6	2	B			-35	10	
	720.4								
Brown Sand Loam to Dirty Sand with Trace of Free Water									
		1			(2 Feet of Blow In)		9		
		2		18			16		
		-10	2				-30	16	
		2							
	715.4			19					
Brown Dirty Poorly Sorted Coarse to Very Coarse Sand with Small Gravel					(2 Feet of Blow In)				
		2					10		
		4					10		
		-15	4				-35	7	
		3							
		4							
		9							
		3							
		4							
		-20	6				-40	3	1.6
								3	B
									14

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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Page 2 of 2

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SECTION 120B LOCATION SE, SEC. 21, TWP. 24N, RNG. 1W

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>057-0090</u>	D	B	U	M	Surface Water Elev. <u>712.8</u> ft	D	B	U	M
Station <u>1209+00</u>	E	L	C	O	Stream Bed Elev. <u>710.9</u> ft	E	L	C	O
	P	O	S	I		P	O	S	I
BORING NO. <u>1 East Abut.</u>	T	W	S		Groundwater Elev.: <u>715.4</u> ft	T	W	S	
Station <u>1209+44</u>	H	S	Qu	T	First Encounter <u>715.4</u> ft	H	S	Qu	T
Offset <u>13.3</u> ft Rt.					Upon Completion <u>Wash Bored</u> ft				
Ground Surface Elev. <u>727.4</u> ft	(ft)	(6")	(pcf)	(%)	After <u>Hra</u> ft	(ft)	(6")	(pcf)	(%)

Gray Clay Loam Till (continued)					Gray Clay Loam Till (continued)				
		3			(Pulled Augers Due to Approaching Storm)		3		
		4	2.3	14			7	3.7	12
		-6	6	B			9	B	
					End of Boring				
		3							
		4	2.1	13					
		-7	7	B					
		3							
		4	2.6	14					
		-5	7	B					
		3							
		4	2.6	14					
		-6	6	B					

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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)

SOIL BORINGS (1 OF 2)
FAP 693 (IL 9) OVER
WEST FORK SUGAR CREEK
FAP ROUTE 693 SECTION 120B
MCLEAN COUNTY
STATION 1209+03.00
STRUCTURE NO. 057-0242

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: IDOT	DRAWN: P. Ray
CHECKED: DCD	CHECKED: CDB/DCD

DATE: 8/13/2007 - 5:16 PM
USER: collierbw
FILE: \$FILE\$