STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	120B	MCLEAN	31	23
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 70518

Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

SOIL BORING LOG

Page 1 of 2

Date 5/4/06

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. 057-0090
Station 1209+00

BORING NO. 2 West Abut.
Station 1208+56
Offset 14.0 ft Lt.
Ground Surface Elev. 726.8 ft

Surface Water Elev. 712.8 ft
Stream Bed Elev. 710.9 ft

Groundwater Elev.:
First Encounter 711.8 ft ▼
Upon Completion Wash Bored ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Shoulder Pavement	726.8				
	725.8				
Brown Sand Loam to Silty Clay (Embankment)			3		
			2		
		-5	2		
			3		
			2	0.8	26
		-10	2	B	
	715.8				
Brown Dirty Coarse Sand (Trace of Free Water)			3		
			2		
			2		
			1		
			2		
	711.8 ▼	-15	2		
Brown to Dark Gray Very Coarse Sand			2		
			5		
			5		
			3		
	707.8				
Brown/Gray Silt			6		21
	706.8	-20	6		
Gray Very Coarse Sand with Gravel			1		
			4		
		-25	4		
			5		
			7		
		-30	6		
	694.8				
Brown/Gray Dirty Very Coarse Sand with Gravel			6		
			9		
		-35	6		
			4		
			6		
		-40	8		

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)

Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

SOIL BORING LOG

Page 2 of 2

Date 5/4/06

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. 057-0090
Station 1209+00

BORING NO. 2 West Abut.
Station 1208+56
Offset 14.0 ft Lt.
Ground Surface Elev. 726.8 ft

Surface Water Elev. 712.8 ft
Stream Bed Elev. 710.9 ft

Groundwater Elev.:
First Encounter 711.8 ft ▼
Upon Completion Wash Bored ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown/Gray Dirty Very Coarse Sand with Gravel (continued)					
	684.8				
Gray Clay Loam Till with Intermittent Silt Seams			6		
			9	2.7	14
		-45	11	B	
			6		
			7	1.9	13
		-50	10	B	
			4		
	672.8				
Gray Clay Loam Till			6	5.5	12
		-55	10	S	
			3		
			8	3.9	13
		-60	12	B	
Gray Clay Loam Till (continued)			3		
			7	2.6	14
		-65	10	B	
			5		
			12	2.6	
(No Sample Obtained)		-70	22	E	
	654.8				
Gray Very Dense Coarse Sand (Drilled Very Hard)			7		
			14		
(No Sample Obtained – Rock Stuck in Auger Head)		-75	26		
			40		
			50–3"		
(Auger Refusal)	646.8	-80			

End of Boring

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)

Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

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

SOIL BORINGS (2 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

DATE: 8/13/2007 - $TIME$ USER: collierbw FILE: $FILE$
3/6/2007 7:35:09 AM S:\SOILS\BORING LOGS\057-0090.GPJ