

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

SOIL BORING LOG

Page 1 of 1

Date 11/11/57

ROUTE FAI Rt. 55 (I-55) DESCRIPTION FAI 55 Structure over FAI 74EB LOGGED BY District 3

SECTION (57-7HB-2 & 57-7HB-1)BR LOCATION SE, SEC. 18, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 057-0005 Exist.
Station 626+53.53

BORING NO. 1 N. Abut.
Station 625+66
Offset 14.6 ft Lt.
Ground Surface Elev. 789.5 ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
0				Black Loam	0			
788.0				Stiff Brown Silty Clay (Damp)	21	17		
	5				766.5			
	6			Very Stiff Brown Silty Clay - Trace of Small Gravel (Damp)	15	1.9		
					17			
	5				12	2.0		
	6				13			
					761.0			
	12	1.0		Very Hard Gray Clayey Silt - Trace of Small Gravel (Damp)	34	6.5		
	15				50			
					36	6.5		
	20	1.5			75			
	23				44	6.5		
					63			
	7	1.3		End of Boring	754.5			
	6							
					773.5			
				Medium Brown Sand (Damp)	17			
					17			
					20			
					16			
					20			
					16			

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 11/9/57

ROUTE FAI Rt. 55 (I-55) DESCRIPTION FAI 55 Structure over FAI 74EB LOGGED BY District 3

SECTION (57-7HB-2 & 57-7HB-1)BR LOCATION SE, SEC. 18, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 057-0005 Exist.
Station 626+53.53

BORING NO. 2 N. Pier
Station 625+76.5
Offset 14.6 ft Rt.
Ground Surface Elev. 789.3 ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
0				Black Loam	0			
787.8				Stiff Brown Silty Clay (Damp)	9	1.9		
	5				10			
	6				10	2.0		
					11			
	5				10	2.8		
	6				12			
					782.8			
	12			Coarse Brown Sand - Small to Medium Gravel (Dry)	11	2.8		
	13				13			
					16			
	16				17			
	17				758.3			
	5			Fine Gray Silty Sand	41			
	6				50			
					48			
	8				53			
	10				49			
					56			
				End of Boring	751.8			
	9							
	11							

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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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)



Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: IDOT-D5 DRAWN: SJS
CHECKED: DCD CHECKED: DCD

SOIL BORINGS (1 OF 2)
STRUCTURE NO. 057-0250

SHEET 26 OF 27	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(57-7HB-1)BR	MCLEAN	153	76
		STA. 626+53.70	CONTRACT NO. 70520		
		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

FILE: J:\JDO\10169 IL-D5 I-55NB McLean\144EB\0570250-70520-026-bor\logs.dgn

USER: DCD

PRINT DATE: 08/06/2010 20:57:17 SAVE DATE: 8/6/2010

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