STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. I. F. A. P. 704	(D)	McLEAN	497	280
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 11
11 SHEETS

Contract No. 70514

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 10/14/03

ROUTE FAP 704(I-55BL) DESCRIPTION RETAINING WALL #1; STA 0+549 TO 0+630 LOGGED BY IDOT-LM
SECTION (1)I LOCATION NE 14, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM
COUNTY MCLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.
Station

BORING NO. 03 6 PTS EXTEN.
Station 601+09
Offset 3.35m LT CL PROP.
Ground Surface Elev. 247.00 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encountered m
Upon Completion 243.9 m ▽
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Brown SILTY CLAY LOAM (FILL)	248.24				
Very Stiff Brown SILTY CLAY LOAM (FILL)	245.02		3		
			4	192	21.0
			5	P	
		-1.5			
Soft Gray SILTY LOAM to SILT	242.58		4		
			3	240	28.0
			4	P	
			2		
			2	48	26.0
			3	P	
		-9.0			
			2		
			2	24	28.0
			4	P	
			2		
			1	48	28.0
			3	P	
Very Stiff Brown CLAY LOAM TILL	241.82	-4.5			
			2		
			4	316	14.0
			8	S	
Very Stiff Gray SILTY LOAM with SILT Ribbons			9		
			14	268	18.0
			16	P	
		-6.0			

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Very Stiff Gray & Brown SANDY LOAM, LOAM & SILTY LOAM	240.90		8		
			16	287	16.0
			21	P	
Hard Gray SANDY CLAY LOAM TILL	239.99				
		-7.5			
			5		
			10	489	10.0
			12	S	
End of Boring	238.92				
		-9.0			
		-10.5			
		-12.0			

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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SOIL BORING LOG

Page 1 of 1
Date 10/14/03

ROUTE FAP 704(I-55BL) DESCRIPTION RETAINING WALL #1; STA 0+549 TO 0+630 LOGGED BY IDOT-LM
SECTION (1)I LOCATION NE 14, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM
COUNTY MCLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.
Station

BORING NO. 04 6 PTS EXTEN.
Station 624+09
Offset 3.05m LT CL PROP.
Ground Surface Elev. 248.37 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encountered m
Upon Completion NONE m
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Brown SILTY CLAY LOAM (FILL)	247.81				
Hard Brown SILTY CLAY LOAM (FILL)	247.09		3		
			4	431	17.0
			6	P	
Soft Gray CLAY LOAM	246.24	-1.5			
			3		
			1	29	25.0
			3	B	
Very Stiff Brown-Gray CLAY LOAM	245.32		2		
			5	211	17.0
			7	B	
Very Stiff Brown-Gray SANDY CLAY LOAM TILL	244.71	-9.0			
			2		
			5	259	14.0
			9	B	
Hard Brown-Gray SANDY CLAY LOAM TILL	243.95		4		
			8	402	10.0
			12	S	
Very Stiff Brown SANDY CLAY LOAM TILL	243.04	-4.5			
			4		
			7	364	13.0
			12	S	
Very Stiff Gray SANDY CLAY LOAM TILL			4		
			5	259	10.0
			9	B	
		-6.0			

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Very Stiff Gray SANDY CLAY LOAM TILL (continued)			4		
			5	316	11.0
			8	B	
Hard Gray SANDY CLAY LOAM TILL	241.36				
		-7.5			
			6		
			10	642	10.0
			14	B	
End of Boring	240.29				
		-9.0			
		-10.5			
		-12.0			

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)

SHIVE-HATTERY

DESIGNED	JDA
CHECKED	WCT
DRAWN	MAC
CHECKED	WCT

DATE: 05-05-06

SOIL BORINGS 2
RETAINING WALL ALONG SIX POINTS ROAD
F.A.P. ROUTE 704 SECTION (1) N&TS-1
McLEAN COUNTY
STATION 0+545.000 TO 0+635.000
STRUCTURE NO. 057-W001