STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. I. F. A. P. 704	(1)I	McLEAN	497	279
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 10
11 SHEETS

Contract No. 70514

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 10/9/03

ROUTE FAP 704(I-55BL) DESCRIPTION RETAINING WALL #1; STA 0+549 TO 0+630 LOGGED BY IDOT-LM

SECTION (1)I LOCATION NE 1/4, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM

COUNTY MCLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.
Station

BORING NO. 01 6 PTS EXTEN.
Station 555+09
Offset 2.74m LT CL PROP.
Ground Surface Elev. 249.13 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion 244.3 m ▽
After Hrs. m

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Brown SILTY CLAY LOAM (FILL)			
249.37			
	3		
Very Stiff Brown SILTY CLAY	3 4	192 P	22.0
247.76			
-1.5 Medium Brown SILTY CLAY	3		
	2 4	96 B	25.0
	3		
	4 6	96 P	17.0
246.24			
-3.0 Very Stiff Brown SANDY CLAY LOAM TILL	4		
	4 8	259 B	12.0
	5		
	6 9	240 B	14.0
-4.5	6		
244.25 ▽	7	240	12.0
Brown SANDY LOAM with Thin Layers of SANDY CLAY LOAM	11		12.0
243.95			
Very Stiff Grey SANDY CLAY LOAM TILL	4		
	5 12	240 B	10.0
-6.0			

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Very Stiff Grey SANDY CLAY LOAM TILL (continued)	5		
	6 10	240 B	12.0
-7.5	5		
241.05 End of Boring	8 12	240 B	12.0
-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 10/9/03

ROUTE FAP 704(I-55BL) DESCRIPTION RETAINING WALL #1; STA 0+549 TO 0+630 LOGGED BY IDOT-LM

SECTION (1)I LOCATION NE 1/4, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM

COUNTY MCLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.
Station

BORING NO. 02 6 PTS EXTEN
Station 578+09
Offset 2.74m LT CL PROP.
Ground Surface Elev. 247.73 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion 242.9 m ▽
After Hrs. m

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Brown SILTY CLAY LOAM (FILL)			
246.97			
	3		
Very Stiff Brown SILTY CLAY LOAM	3 5	240 P	17.0
246.36			
-1.5 Stiff Brown SILTY CLAY	2		
	3 4	115 B	25.0
245.60			
Medium Brown SANDY LOAM	3		
	4 6	96 P	14.0
-3.0			
244.53	3		
Very Stiff Brown SANDY CLAY LOAM TILL	7 8	201 B	13.0
244.07			
Stiff Brown SANDY CLAY LOAM TILL	2		
	4 7	163 B	12.0
-4.5			
243.16	5		
Stiff Gray SANDY CLAY LOAM TILL ▽	6 9	125 B	15.0
	5		
	6 10	144 P	9.0
241.79 -6.0			

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Very Stiff Grey SANDY CLAY LOAM TILL (continued)	4		
	7 10	278 B	12.0
-7.5	6		
239.65 End of Boring	10 11	364 S	12.0
-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 1
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