F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N &TS-1	McLEAN	497	294
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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 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. 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 Encounter 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)	246.24				
Very Stiff Brown SILTY CLAY LOAM (FILL)	245.02	-1.5	3, 4, 5	192 P	21.0
Soft Gray SILTY LOAM to SILT	242.58	-4.5	4, 3, 4	240 P	28.0
		-6.0	2, 2, 3	48 P	26.0
		-7.5	2, 2, 4	24 P	28.0
		-9.0	2, 1, 3	48 P	28.0
Very Stiff Brown CLAY LOAM TILL	241.82	-10.5	2, 4, 8	316 S	14.0
Very Stiff Gray SILTY LOAM with SILT Ribbons	240.90	-12.0	9, 14, 16	268 P	18.0
Very Stiff Gray & Brown SANDY LOAM, LOAM & SILTY LOAM	239.99		8, 16, 21	287 P	16.0
Hard Gray SANDY CLAY LOAM TILL	238.92		5, 10, 12	489 S	10.0
End of Boring					

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
Illinois Department of Transportation

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 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. 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 Encounter 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)	247.61				
Hard Brown SILTY CLAY LOAM (FILL)	247.00	-1.5	3, 4, 6	431 P	17.0
Soft Gray CLAY LOAM	246.24	-3.0	3, 1, 3	29 B	25.0
Very Stiff Brown-Gray CLAY LOAM	245.32	-4.5	2, 5, 7	211 B	17.0
Very Stiff Brown-Gray SANDY CLAY LOAM TILL	244.71	-5.6	2, 5, 9	259 B	14.0
Hard Brown-Gray SANDY CLAY LOAM TILL	243.95	-6.4	4, 8, 12	402 S	10.0
Very Stiff Brown SANDY CLAY LOAM TILL	243.04	-7.3	4, 7, 12	364 S	13.0
Very Stiff Gray SANDY CLAY LOAM TILL	241.36	-9.0	4, 5, 9	259 B	10.0
Very Stiff Gray SANDY CLAY LOAM TILL (continued)	240.29	-10.1	4, 5, 8	316 B	11.0
Hard Gray SANDY CLAY LOAM TILL		-12.0	6, 10, 14	642 B	10.0
End of Boring					

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
RETAINING WALLS

7 OF 10

DATE 10-16-06

DRAWN BY

CHECKED BY PMH

RETAINING WALLS, BORING LOGS