

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N & TS-1	McLEAN	497	293
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 10/9/03

ROUTE FAP 704(L-558L) 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. 01 6 PTS EXTEN.
Station 595+09
Offset 2.74m LT CL PROP.
Ground Surface Elev. 249.13 m (m) (mm) (kPa) (%)

SOIL DESCRIPTION	DEPTH (m)	BLOW COUNT (150mm)	UCS (kPa)	Failure Mode	DEPTH (m)	BLOW COUNT (150mm)	UCS (kPa)	Failure Mode
AUGERED Brown SILTY CLAY LOAM (FILL)					5	6	240	12.0
					10	10	B	
Very Stiff Brown SILTY CLAY	248.37	3	182	22.0				
		4	P					
Medium Brown SILTY CLAY	247.78	3			-7.5			
		2	96	25.0		5		
		4	B			8	240	12.0
					241.05	12	B	
Very Stiff Gray SANDY CLAY LOAM TILL (continued)								
		3						
		4	96	17.0				
		6	P					
Very Stiff Brown SANDY CLAY LOAM TILL	246.24	4	259	12.0	-9.0			
		8	B					
		5						
		6	240	14.0				
		9	B					
					-10.5			
		6						
		7	240	12.0				
Brown SANDY LOAM with Thin Layers of SANDY CLAY LOAM	244.25	11						
Very Stiff Gray SANDY CLAY LOAM TILL	243.95	4						
		5	240	10.0				
		12	B					
					-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 T208)
BBS, from 137 (Rev. 8-99)

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ROUTE FAP 704(L-558L) 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. 02 6 PTS EXTEN.
Station 579+09
Offset 2.74m LT CL PROP.
Ground Surface Elev. 247.72 m (m) (mm) (kPa) (%)

SOIL DESCRIPTION	DEPTH (m)	BLOW COUNT (150mm)	UCS (kPa)	Failure Mode	DEPTH (m)	BLOW COUNT (150mm)	UCS (kPa)	Failure Mode
AUGERED Brown SILTY CLAY LOAM (FILL)					4	7	278	12.0
					10	10	B	
Very Stiff Brown SILTY CLAY LOAM	246.97	3	240	17.0				
		5	P					
Stiff Brown SILTY CLAY	246.36	2			-7.5			
		3	115	25.0		6		
		4	B			10	384	12.0
					239.65	11	S	
Medium Brown SANDY LOAM	245.80	3						
		4	96	14.0				
		6	P					
					-9.0			
		3						
		7	201	13.0				
		8	B					
Very Stiff Brown SANDY CLAY LOAM TILL	244.53	2						
		4	163	12.0				
		7	B					
Stiff Brown SANDY CLAY LOAM TILL	244.07	2						
		4	163	12.0				
		7	B					
					-10.5			
		5						
		6	125	15.0				
		9	B					
		5						
		6	144	8.0				
		10	P					
					-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 T208)
BBS, from 137 (Rev. 8-99)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		BORING LOGS RETAINING WALLS
6 OF 10		DRAWN BY
DATE 10-16-06		CHECKED BY PMH

RETAINING WALLS, BORING LOGS