

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N & TS-1	McLEAN	497	296
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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Date 10/20/03

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

ROUTE FAP 704(L-55BL) DESCRIPTION RETAINING WALL #2; STA 2+785 TO 2+875 LOGGED BY IDOT-LM

SECTION (1) 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. 07 BY VETS SBL  
Station 818+00  
Offset 0.91m LT CL SBL  
Ground Surface Elev. 253.20 m (m) (mm) (kPa) (%)

Description	Depth (m)	Blow Count (N)	UCS (kPa)	Failure Mode	Soil Description	Depth (m)	Blow Count (N)	UCS (kPa)	Failure Mode	Soil Description
AUGERED SHOULDER STONE, Brown CA08 Over Gray SANDY CLAY LOAM (FILL)					Stiff Gray CLAY LOAM with ORGANICS (continued)					
						2				
						3	163	24.0		
						4	B			
						246.49				
					Soft Gray & Black CLAY LOAM with ORGANICS					
						2				
						1	38	13.0		
						2	B			
						245.73				
					Very Stiff Brown-Gray SANDY CLAY LOAM TILL					
						1				
						5	240	13.0		
						7	S			
						244.97				
					Hard Brown SANDY CLAY LOAM TILL					
						4				
						7	594	13.0		
						12	S			
						-9.0				
						3				
						3	192	16.0		
						6	S			
						243.80				
					Stiff Gray SANDY CLAY LOAM TILL					
						5				
						7	556	10.0		
						12	S			
						-10.5				
						2				
						3	192	15.0		
						6	S			
						248.02				
					Very Stiff Gray-Brown LOAM with SHELLS					
						3				
						4	249	17.0		
						6	S			
						247.25				
					End of Boring					
						2				
						4	163	12.0		
						7	B			
						242.07				
					End of Boring					
						2				
						4	163	12.0		
						7	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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### SOIL BORING LOG

ROUTE FAP 704(L-55BL) DESCRIPTION RETAINING WALL #2; STA 2+785 TO 2+875 LOGGED BY IDOT-LM

SECTION (1) LOCATION NE 14, SEC. 17, TWP. 23N, RNG. 2E3

COUNTY MCLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO. \_\_\_\_\_ Station \_\_\_\_\_

BORING NO. 08 BY VETS SBL  
Station 795+00  
Offset 0.91m LT CL SBL  
Ground Surface Elev. 253.18 m (m) (mm) (kPa) (%)

Description	Depth (m)	Blow Count (N)	UCS (kPa)	Failure Mode	Soil Description	Depth (m)	Blow Count (N)	UCS (kPa)	Failure Mode	Soil Description
AUGERED SHOULDER STONE, CA08 Over Gray SAND CLAY LOAM (FILL)					Very Stiff Brown SANDY CLAY LOAM TILL (continued)					
						5				
						8	240	15.0		
						14	S			
						245.98				
					Very Stiff Gray SANDY CLAY LOAM TILL					
						5				
						6	211	13.0		
						8	B			
						245.10				
					Very Stiff Gray SANDY CLAY LOAM (FILL)					
						6				
						6	240	12.0		
						5	B			
						251.05				
					Brown SANDY LOAM (FILL)					
						3				
						11	491	11.0		
						11	P			
						250.74				
					Hard Brown SANDY CLAY LOAM (FILL)					
						4				
						4	192	17.0		
						5	P			
						250.28				
					Very Stiff Brown & Gray SILTY LOAM to SILTY CLAY LOAM (FILL)					
						4				
						4	192	17.0		
						5	P			
						249.52				
					Hard Brown SANDY CLAY LOAM (FILL)					
						5				
						5	469	14.0		
						7	S			
						-4.5				
						3				
						4	389	14.0		
						7	S			
						248.00				
					Very Stiff Brown SANDY CLAY LOAM TILL					
						3				
						6	259	14.0		
						8	S			
						-6.0				
					End of Boring					
						-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

9 OF 10  
DATE 10-16-06

DRAWN BY  
CHECKED BY PMH

## RETAINING WALLS, BORING LOGS