F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N & TS-1	McLEAN	497	295
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 10/2003

ROUTE FAP 704(I-55BL) DESCRIPTION RETAINING WALL #2; STA 2+785 TO 2+875 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. 05 BY VETS SBL
Station 864+00
Offset 0.91m LT CL SBL
Ground Surface Elev. 253.25 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion 244.4 m ▽
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED 0.3 meter SHOULDER STONE; 0.9 meter Brown CA06 FILL Over Gray SANDY CLAY LOAM FILL	251.73	-1.5			
Very Stiff Gray SANDY CLAY LOAM & SILTY CLAY LOAM (FILL)			6		
			21	287	17.0
			8	P	
		-3.0			
			4		
			5	240	15.0
			6	P	
Hard Brown SANDY CLAY LOAM (FILL)	249.59				
			4		
			5	402	13.0
			6	S	
Very Stiff Brown SANDY CLAY LOAM & SILTY CLAY (FILL)	248.83	-4.5			
			3		
			3	192	11.0
			6	P	
Very Stiff Gray & Brown SILTY CLAY LOAM (FILL)	248.07				
			4		
			4	201	20.0
			6	S	
	247.31	-6.0			
Very Stiff Gray SILTY CLAY TILL (FILL) (continued)			2		
			4	278	23.0
			6	S	
			2		
			3	211	23.0
			4	P	
Very Stiff Brown SANDY CLAY LOAM TILL	245.78	-7.5			
			3		
			4	192	21.0
			7	B	
Hard Brown SANDY CLAY LOAM TILL	245.02				
			4		
			6	431	13.0
			10	B	
		▽ -9.0			
			3		
			7	383	13.0
			10	B	
			5		
			10	508	12.0
			13	B	
Hard Gray SANDY CLAY LOAM TILL	242.79	-10.5			
			5		
			8	450	13.0
			12	B	
End of Boring	242.12				
		-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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 10/2003

ROUTE FAP 704(I-55BL) DESCRIPTION RETAINING WALL #2; STA 2+785 TO 2+875 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. 06 BY VETS SBL
Station 841+00
Offset 0.91m LT CL SBL
Ground Surface Elev. 253.21 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 SHOULDER STONE & CA06 Over Gray SANDY CLAY LOAM	251.69	-1.5			
Very Stiff Gray SANDY CLAY LOAM (FILL)			4		
			4	211	16.0
			7	S	
		-3.0			
			1		
Hard Brown SANDY CLAY LOAM (FILL)	250.01				
			5	383	12.0
			6	P	
Hard Gray & Brown SANDY CLAY LOAM (FILL)	249.25				
		-4.5			
			2		
			4	383	14.0
			5	S	
Stiff Gray SILTY CLAY (FILL)	247.72				
		-6.0			
Stiff Gray SILTY CLAY (FILL) (continued)			1		
			3	96	25.0
			3	B	
			1		
			3	105	27.0
			3	B	
Stiff Gray SANDY CLAY LOAM & SILTY CLAY LOAM (FILL)	245.74	-7.5			
			2		
			3	192	20.0
			5	B	
			1		
			2	153	28.0
			3	B	
		-9.0			
			2		
			2	96	17.0
			3	B	
Hard Brown SANDY CLAY LOAM TILL	243.46				
			3		
			5	469	12.0
			7	S	
		-10.5			
			4		
			11	536	12.0
			14	S	
End of Boring	242.08				
		-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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
RETAINING WALLS

8 OF 10

DATE 10-16-06

DRAWN BY

CHECKED BY PMH

RETAINING WALLS, BORING LOGS