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	

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

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. 07 BY VETS SBL
Station 818+00
Offset 0.91m LT CL SBL
Ground Surface Elev. 253.20 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, Brown CA06 Over Gray SANDY CLAY LOAM (FILL)					
Hard Gray SANDY CLAY LOAM (FILL)	251.67	-1.5	3 4 5	450 B	11.0
Very Stiff Brown SANDY CLAY LOAM (FILL)	250.76	-3.0	3 3 6	192 S	16.0
		-4.5	2 3 6	192 S	15.0
Very Stiff Gray-Brown LOAM with SHELLS	248.02	-6.0	3 4 6	249 S	17.0
	247.25				
Stiff Gray CLAY LOAM with ORGANICS (continued)			2 3 4	153 B	24.0
Soft Gray & Black CLAY LOAM with ORGANICS	246.49		2 1 2	38 B	13.0
Very Stiff Brown-Gray SANDY CLAY LOAM TILL	245.73	-7.5	1 5 7	240 S	13.0
Hard Brown SANDY CLAY LOAM TILL	244.97	-9.0	4 7 12	594 S	13.0
Stiff Gray SANDY CLAY LOAM TILL	243.60	-10.5	2 4 7	163 B	12.0
End of Boring	242.07	-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

Page 1 of 1

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. 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

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 SAND CLAY LOAM (FILL)					
Very Stiff Gray SANDY CLAY LOAM (FILL)	251.66	-1.5	6 6 5	240 B	12.0
Brown SANDY LOAM (FILL)	251.05		3		
Hard Brown SANDY CLAY LOAM (FILL)	250.74		11 11	431 P	11.0
Very Stiff Brown & Gray SILTY LOAM to SILTY CLAY LOAM (FILL)	250.28	-3.0	4 4 5	192 P	17.0
Hard Brown SANDY CLAY LOAM (FILL)	249.52	-4.5	5 5 7	469 S	14.0
Very Stiff Brown SANDY CLAY LOAM TILL	248.00	-6.0	3 6 8	269 S	14.0
Very Stiff Brown SANDY CLAY LOAM TILL (continued)			5 8 14	240 S	15.0
Very Stiff Gray SANDY CLAY LOAM TILL	245.86	-7.5	6 6 8	211 B	13.0
End of Boring	245.10	-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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
RETAINING WALLS

9 OF 10
DATE 10-16-06

DRAWN BY
CHECKED BY PMH

RETAINING WALLS, BORING LOGS