F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	215
STA 7+663.000		TO STA 10+011.000		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

Contract No. 88859
SHT. S-17 of S-35

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 2/13/96

ROUTE FA 399 (IL 8) DESCRIPTION RETAINING WALL BETWEEN OAKWOOD ROAD & SPRUCE ST LOGGED BY DLR

SECTION 36, 37R-1 LOCATION East Peoria, IL, SEC. 26, TWP. 26N, RNG. 4W, 3rd PM, Latitude , Longitude

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. ____
Station ____

BORING NO. 3
Station 7+725.0
Offset 10.50m LT
Ground Surface Elev. 173.74 m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

Groundwater Elev.:
First Encounter NONE m
Upon Completion NONE m
After 24 Hrs. NONE • m

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Storm sewer in this area. On third attempt was able to set auger at 1.23m			
172.52			
Gray and Brown CLAY LOAM	2		
-1.5	4 9	240 P	11
171.76			
Gray and Brown CLAY LOAM TILL	3 7 8	313 S	13
171.00			
Gray CLAY LOAM TILL	3		
-3.0	4 6	217 B	14
coarse sand and gravel seam @ 3.66m	2		
	10 5	173 B	14
-4.5	2		
trace sand @ 4.72m	5 7	237 B	14
silty sand seam @ 5.03m	4		
	5 8	209 S	13
coarse sand and gravel seam at 6.10m			
-6.0	1		
silty sand @ 6.25m	5 8	197 S	14
Gray CLAY LOAM TILL (continued)			
	2		
	4 7	217 B	13
-7.5	2		
gravelly and sandy @ 7.32m-7.77m	7 8	209 S	12
165.66			
Gray, Gravelly CLAY LOAM TILL silty at 8.08m	3		
	10 15	193 S	8
164.90			
Gray CLAY LOAM TILL	5		
-9.0	8 8	355 S	12
	3		
	4 7	168 S	14
-10.5	2		
	7 9	197 S	14
	2		
	5 7	197 B	13
-12.0	2		

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, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 2/13/96

ROUTE FA 399 (IL 8) DESCRIPTION RETAINING WALL BETWEEN OAKWOOD ROAD & SPRUCE ST LOGGED BY DLR

SECTION 36, 37R-1 LOCATION East Peoria, IL, SEC. 26, TWP. 26N, RNG. 4W, 3rd PM, Latitude , Longitude

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. ____
Station ____

BORING NO. 3
Station 7+725.0
Offset 10.50m LT
Ground Surface Elev. 173.74 m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

Groundwater Elev.:
First Encounter NONE m
Upon Completion NONE m
After 24 Hrs. NONE • m

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray CLAY LOAM TILL (continued) blow count on a large gravel	7 15	197 B	12
161.09			
Brown, Coarse SAND w/ trace of gravel	15 16 14		6
w/ some gravel	12		
-13.5			
159.87	29 25		6
• Collapsed @ 161.64m w/ no H20			
End of Boring			
-15.0			
-16.5			
-18.0			

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, form 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

STV Incorporated
Engineers/Architects/Planners/Construction Managers
200 W. Monroe Street, Suite 1650
Chicago, IL. 60606-5015
312/353-0655, FAX 312/553-0661

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 8 - SEGMENT 2
S.N 090-8516
FAP 399 SECTION 36R-1, 37R-2
TAZEWELL COUNTY
SOLDIER PILE WALL
BORING LOG - 3

DESIGNED BY: DRAWN BY: HZS
DATE: 2-05 CHECKED BY: CHECKED BY: LCE