F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	217
STA 7+663.000		TO STA 10+011.000		
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

Contract No. 88859
SHT. S-20 of S-35

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 2/5/96

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. 5
Station 7+787.2
Offset 10.00m LT
Ground Surface Elev. 176.87 m

Surface Water Elev. _____ m
Stream Bed Elev. _____ m

Groundwater Elev.:
First Encounter NONE m
Upon Completion NONE m
After 24 Hrs. 168.0 m ▽

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Brown, Coarse SAND and GRAVEL	5		
	3		7
	2		
175.65			
Gray CLAY LOAM TILL sandy seam @ 1.22m	2		
-1.5	3	237	13
	2	B	
174.89			
Gray and Dark Brown SILTY LOAM w/ organics and clay loam seams	2		
	5	159	21
	8	S	
174.13			
Gray CLAY LOAM TILL	2		
-3.0	4	197	15
	7	B	
silt seams at 3.51m-3.96m	2		
	6	197	14
	7	S	
	2		
-4.5	4	237	14
	8	B	
	2		
	6	237	14
	8	B	
	2		
-6.0			

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray CLAY LOAM TILL (continued)	6	237	14
	8	B	
	1		
	4	166	15
	6	B	
-7.5	1		
	5	158	15
	6	B	
	2		
	3	158	15
	6	B	
▽ -9.0	2		
	4	173	14
	7	B	
	2		
	6	197	14
	8	B	
	2		
-10.5	2		
	5	257	14
	8	B	
165.74			
Gray, Fine SILTY SAND	6		
	20		11
	28		
164.98			
-12.0	8		6

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 2/5/96

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. 5
Station 7+787.2
Offset 10.00m LT
Ground Surface Elev. 176.87 m

Surface Water Elev. _____ m
Stream Bed Elev. _____ m

Groundwater Elev.:
First Encounter NONE m
Upon Completion NONE m
After 24 Hrs. 168.0 m ▽

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray, Coarse SAND and GRAVEL (continued) 164.68	20		
	10	192P	13
Gray CLAY LOAM TILL			
	3		
	5	190	14
	8	B	
-13.5	4		
	7	182	14
	9	B	
163.00			
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 312/353-0661

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 - 5

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