F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	224
STA 7+663.000		TO STA 10+011.000		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

Contract No. 88859
SHT. S-27 of S-35

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 2/7/96

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. 12
Station 7+947.7
Offset 9.30m LT
Ground Surface Elev. 185.36 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 181.7 m ▼
Upon Completion NONE m
After 24 Hrs. * m

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)	Description
				Brown/Gray CLAY LOAM TILL 51mm sand and gravel at beginning of boring
	3			
	6	316	13	
	6	B		
184.14				
	3			Gray CLAY LOAM TILL with sand seams
-1.5	7	240	14	
	7	P		
183.38				
	2			Gray CLAY LOAM TILL
	5	237	13	
	7	B		
	3			sand & gravel seam at 2.90m
-3.0	7	251	11	
	8	S		
	3			gravel seam @ 3.66m w/ trace water
▼	11	355	13	
	8	S		
	3			
-4.5	8	418	11	
	9	S		
	3			
	8	376	11	
	11	S		
	3			
-6.0				
				Gray CLAY LOAM TILL (continued)
	7	395	12	
	10	S		
	3			
	6	355	12	
	10	B		
	3			
-7.5				
	5	257	13	
	8	B		
	3	335	13	229mm gray loam grading to coarse sand & gravel at 8.31m
	9	B	8	
	18			
	3			
-9.0	7	313	13	silt seams from 8.83m to 9.30m
	10	S		
	3			
	6	376	14	
	10	B		
-10.5	2			
	5	277	13	
	9	S		
	3			
174.24				
	8	96	15	Gray SILTY LOAM
	8	P		
173.47				
-12.0	3			

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 2/7/96

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. 12
Station 7+947.7
Offset 9.30m LT
Ground Surface Elev. 185.36 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 181.7 m ▼
Upon Completion NONE m
After 24 Hrs. * m

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)	Description
	6	272	13	Gray CLAY LOAM TILL (continued)
173.02	9	S		
				• 184.99m, due to rain runoff End of Boring
-13.5				
-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)

BCS, form 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

STV Incorporated
Engineers/Architects/Planners/Construction Managers
200 W. Monroe Street, Suite 1650
Chicago, IL 60606-5013
312/933-0655, FAX 312/933-0661

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 - 12

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