F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	218
STA 7+663.000		TO STA 10+011.000		
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

Contract No. 88859
SHT. S-21 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. 6
Station 7+814.3
Offset 10.70m LT
Ground Surface Elev. 178.22 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter NONE m
Upon Completion NONE m
After 24 Hrs. 173.6 m ▽

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Brown, Coarse SAND (bedding for gutter)			
177.61			
Gray CLAY LOAM TILL	1		15
	2 5	230S	12
-1.5			
	2 5 7	175 S	13
	2		
	6 8	272 S	12
-3.0			
	2 5 9	296 B	13
silt seams from 3.81m-4.42m	2 6 11	277 S	14
173.80			
Gray SILTY LOAM (saturated) ▽ -4.5	5	120P	21
173.42			
Gray CLAY LOAM TILL w/ silt seams	8 7	209S	14
172.89			
Gray SILT	2 7 7	103 B	21
-6.0			

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
172.12			
Gray CLAY LOAM TILL	3 6 8	277 B	14
	2 4 8	190 B	14
-7.5			
	2 4 7	197 B	14
	1	52B	16
	2 4	103B	15
-9.0			
	2 5 8	257 B	13
	2 4 8	173 B	14
-10.5			
	2 4 7	173 B	13
	4 8 8	182 S	14
-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, 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. 6
Station 7+814.3
Offset 10.70m LT
Ground Surface Elev. 178.22 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter NONE m
Upon Completion NONE m
After 24 Hrs. 173.6 m ▽

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray CLAY LOAM TILL (continued)	4		
	5 7	166 B	14
	2		
	5 7	173 B	15
-13.5			
	3		
	5 7	150 S	14
	3		
	6 8	190 B	14
-15.0			
	2		
	4 7	173 B	14
162.52			
End of Boring			
-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
312/353-0055, FAX 312/353-0061

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 - 6

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