F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	230
STA T+663.000		TO STA 10+011.000		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

Contract No. 88859
SHT. S-33 of S-35

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 2/9/96

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. 18
Station 8+096
Offset 9.90m LT
Ground Surface Elev. 193.16 m

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

Groundwater Elev.:
First Encounter 189.5 m ▼
Upon Completion Not Taken m
After 24 Hrs. 189.1 m ▽

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Brown, Coarse SAND and GRAVEL			
	2		
no recovery	3		
	3		
191.79			
Brown , Coarse SAND w/ some gravel -1.5	4		
	8		5
	9		
191.03			
Brown	3		
CLAY LOAM TILL	6	287	15
190.57	6	P	
Gray			
CLAY LOAM TILL			
-3.0	3		
	5	316	12
	10	B	
brown gravelly loam seam @ 3.35m			
189.50 ▼	7		
Brown, Coarse SAND and GRAVEL	15		9
▽	12		
188.74			
Gray -4.5	5		
CLAY LOAM TILL	6	237	12
	6	B	
	3		
	6	126	15
	7	B	
-6.0			
Gray	2		
CLAY LOAM TILL (continued)	4	217	14
	6	B	
	2		
	5	209	12
	7	S	
-7.5			
	2		
large gravels @ 7.92m	5	335	12
	12	B	
	4		
	7	316	13
	9	B	
-9.0			
	2		
	5	257	13
	10	B	
blow count on a rock. no recovery	6		
	9		
	15		
-10.5			
	2		
	6	277	13
	7	B	
	4		
	7	237	13
	11	B	
-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

Page 2 of 2

Date 2/9/96

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. 18
Station 8+096
Offset 9.90m LT
Ground Surface Elev. 193.16 m

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

Groundwater Elev.:
First Encounter 189.5 m ▼
Upon Completion Not Taken m
After 24 Hrs. 189.1 m ▽

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray	3		
CLAY LOAM TILL (continued)	7	237	13
180.66	8	B	
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)

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
312/355-0055, 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 - 18

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