F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	228
STA 7+663.000		TO STA 10+011.000		
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

Contract No. 88859
SHT. S-31 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. 16
Station 8+045
Offset 10.30m LT
Ground Surface Elev. 190.72 m

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

Groundwater Elev.:
First Encounter 188.6 m ▼
Upon Completion NONE m
After 24 Hrs. 189.2 m ▽

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)	Description
189.35				Brown, Coarse SAND w/ some gravel
	2			
	5		6	
	8			
189.12 ▽-1.5				
	2		11	Brown SANDY LOAM
	9			
188.59 ▼	8		10	Gray, Gravelly LOAM
	2			Gray, fine, silty SAND
	5		19	
187.82 -3.0	8			
	4			Gray SILTY LOAM
	8	88	19	
187.06	8	S		
	2			Gray CLAY LOAM TILL
	3	168	12	
	6	S		
-4.5				w/ numerous soft seams & sand seams
	2			
	4	119	13	
185.54	6	B		
	2			Gray, Medium-Coarse SAND
	4		15	
184.78 -6.0	6			

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)	Description
	2			Gray CLAY LOAM TILL (continued)
	4	264	12	
	7	S		
	4			
	8	376	12	
-7.5	13	S		
	2			
	4	296	13	
	7	B		
	2			
	3	158	14	
-9.0	6	B		
	3			
	6	251	12	
	9	S		
	2			
	3			
	6	257	13	
-10.5	8	B		
	7			no recovery due to large gravel
	8			
	13			
	2			
	5	277	12	
-12.0	9	B		

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. 16
Station 8+045
Offset 10.30m LT
Ground Surface Elev. 190.72 m

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

Groundwater Elev.:
First Encounter 188.6 m ▼
Upon Completion NONE m
After 24 Hrs. 189.2 m ▽

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)	Description
	3			Gray CLAY LOAM TILL (continued) w/ numerous thin soft seams
	4	125	14	
	8	S		
	3			
	6	190	15	
-13.5	7	B		
	3			
	5	217	14	
	7	B		
	3			
	4	217	14	
-15.0	7	B		
	9			
	9	217	13	thin cse sand seam @ 15.09m
175.17	10	B		w/ some fine-med sand seams
				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 60606-5013
312/553-0655, 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 - 16

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