F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	214
STA 7+663.000		TO STA 10+011.000		
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

Contract No. 88859
SHT. S-17 of S-35

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 2/15/96

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. 2
Station 7+696.7
Offset 13.20m LT
Ground Surface Elev. 172.30 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 161.3 m ▼
Upon Completion NONE m
After 24 Hrs. Trace • m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Brown SILTY CLAY LOAM			3		
			5 8	240 P	9
	170.93				
Light Brown SILTY LOAM		-1.5	6		
			9 11	192 P	7
	170.17				
Gray CLAY LOAM TILL			4		
			6 8	217 B	13
		-3.0	3		
			5 7	257 B	14
	168.64				
Gray CLAY LOAM TILL w/ silt seams			2		
			3 6	168 S	15
	167.88				
Gray CLAY LOAM TILL		-4.5	3		
			5 6	217 B	14
			2		
			4 7	217 B	15
		-6.0			

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray CLAY LOAM TILL (continued)			2		
			5 8	197 B	14
			2		
			4 6	182 B	14
		-7.5			
			2		
			4 7	217 B	14
blow count on a rock, no recovery			6		
			7 11		
		-9.0			
			2		
			4 6	197 B	14
			2		
			18 18	197 B	14
		-10.5			
			2		
			5 8	190 B	13
sand seams @ 10.82m & 10.97m ▼					
	161.02				
Brown, Coarse SAND w/ trace of gravel			14		
			22 22		5
		-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 2/15/96

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. 2
Station 7+696.7
Offset 13.20m LT
Ground Surface Elev. 172.30 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 161.3 m ▼
Upon Completion NONE m
After 24 Hrs. Trace • m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Brown, Coarse SAND and GRAVEL	160.26		8		
			19 30		6
	159.80				
• Trace of water and collapsed @ 161.94m					
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)

STV Incorporated
Engineers/Architects/Planners/Construction Managers
200 W. Monroe Street, Suite 1650
Chicago, IL 60606-5013
312/553-0655, FAX 312/553-0661

REVISIONS	
NAME	DATE

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 - 2

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