

F.A.P. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	232
STA 7+663.000		TO STA 10+011.000		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

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



### SOIL BORING LOG

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,  
COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO  
Date 2/9/96

STRUCT. NO. _____	D P T H	B O W S	U O S Qu	M I S T	Surface Water Elev. _____ m	D P T H	B O W S	U O S Qu	M I S T
Station _____					Stream Bed Elev. _____ m				
BORING NO. <u>20</u>					First Encounter <u>191.3</u> m				
Station <u>8+139</u>					Upon Completion <u>NONE*</u> m				
Offset <u>10.30m LT</u>					After <u>24</u> Hrs. <u>N/A</u> m				
Ground Surface Elev. <u>195.00</u> m	(m)	(150 mm)	(kPa)	(%)		(m)	(150 mm)	(kPa)	(%)

Soil Description	Depth (m)	Penetration (mm)	Soil Type	Blow Count	UCS (kPa)	SPT (N)
Brown SILTY CLAY LOAM			Gray CLAY LOAM TILL (continued)	3		
				5	316	12
				7	B	
				2		
			Gray, Medium-Coarse SAND	3		
				3		19
				2		
			Gray, Coarse SAND	3		
				4		19
trace sand @ 1.82m				2		
			Gray, Coarse SAND and GRAVEL	5		12
				7		
Brown SANDY LOAM			Gray CLAY LOAM TILL	6		
				10	335	12
				10	B	
Brown SILTY CLAY LOAM				2	237B	12
			Gray, Fine-Coarse SAND	7		17
				14		
Brown, Coarse SAND			Gray CLAY LOAM TILL	3		
				5	217	13
				9	B	
Brown CLAY LOAM TILL				3		
				5	110	15
				8	B	
Gray CLAY LOAM TILL						

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)



### SOIL BORING LOG

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SECTION 36, 37R-1 LOCATION East Peoria, IL, SEC. 26, TWP. 26N, RNG. 4W, 3rd PM,  
COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO  
Date 2/9/96

STRUCT. NO. _____	D P T H	B O W S	U O S Qu	M I S T	Surface Water Elev. _____ m	D P T H	B O W S	U O S Qu	M I S T
Station _____					Stream Bed Elev. _____ m				
BORING NO. <u>20</u>					First Encounter <u>191.3</u> m				
Station <u>8+139</u>					Upon Completion <u>NONE*</u> m				
Offset <u>10.30m LT</u>					After <u>24</u> Hrs. <u>N/A</u> m				
Ground Surface Elev. <u>195.00</u> m	(m)	(150 mm)	(kPa)	(%)		(m)	(150 mm)	(kPa)	(%)

Soil Description	Depth (m)	Penetration (mm)	Soil Type	Blow Count	UCS (kPa)	SPT (N)
Gray CLAY LOAM TILL (continued)				3		
				7	217	13
				11	B	
				3		
				6	296	13
				10	B	
				3		
				7	257	12
				10	B	
				4		
				8	217	13
				11	B	
				3		
				8	217	13
				9	B	

\*H2O @ completion was not available, mud collapsed in hole at 3.96m  
End of Boring

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)

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 - 20  
DESIGNED BY: \_\_\_\_\_ DRAWN BY: HZS  
DATE: 2-05 CHECKED BY: \_\_\_\_\_ CHECKED BY: LCE