


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	216
STA 7+663.000			TO STA 10+011.000	
FED. ROAD DIST. NO. 4			ILLINOIS FED. AID PROJECT	
Contract No. 88859 SHT. 5-19 of 5-35				



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

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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	D P T H T	B L C O S I S T	U C O S I S T	M O S I S T	Surface Water Elev. _____ m Stream Bed Elev. _____ m	D P T H T	B L C O S I S T	U C O S I S T	M O S I S T	Groundwater Elev. First Encounter _____ m Upon Completion _____ m After 24 Hrs. _____ m
BORING NO. <u>4</u> Station <u>7+766</u> Offset <u>10.00m LT</u> Ground Surface Elev. <u>175.95</u> m										
Gray CLAY LOAM TILL 152mm coarse sand and gravel at beginning of boring										2 6 237 14 8 B
		3								1 5 190 15 7 B
		4	192	15						
		4	P							
		2								3 5 209 14 8 S
	-1.5	4	257	15						
		8	B							
	173.82	2								2 8 217 14 10 B
Dark Brown & Gray SILTY LOAM w/ organics and clay loam seams		4	173	23						
		7	S							
	173.05	3								2 6 197 14 7 B
Gray CLAY LOAM TILL	-3.0	5	237	14						
		8	B							
boulder @ 3.51m		3								2 7 240 14 9 P
		6	257	14						
		8	B							
	-4.5	2								2 5 166 13 7 B
		4	166	15						
		6	B							
		2								2 5 197 14 8 B
		4	158	15						
		8	B							
	-6.0									

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)



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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	D P T H T	B L C O S I S T	U C O S I S T	M O S I S T	Surface Water Elev. _____ m Stream Bed Elev. _____ m	D P T H T	B L C O S I S T	U C O S I S T	M O S I S T	Groundwater Elev. First Encounter _____ m Upon Completion _____ m After 24 Hrs. _____ m
BORING NO. <u>4</u> Station <u>7+766</u> Offset <u>10.00m LT</u> Ground Surface Elev. <u>175.95</u> m										
Gray CLAY LOAM TILL (continued)										3 5 190 15 7 B
		2								2 5 217 14 8 B
		5	217	14						
		8	B							
	-13.5	5								5 7 182 13 17 B
last 51mm coarse sand and gravel 161.93		7	182	13						
		17	B							
End of Boring										
	-15.0									
		2								2 7 240 14 9 P
		6	257	14						
		8	B							
	-16.5	2								2 5 166 13 7 B
		5	166	13						
		7	B							
		2								2 5 197 14 8 B
		5	197	14						
		8	B							
	-18.0									

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BBS, form 137 (Rev. 8-99)

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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 - 4

REVISIONS	
NAME	DATE

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