68383

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	*	TAZEWELL		29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* D4 CULVERT EXT. / REPAIR 2005-2

BORING LOG TABLES

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 7/1/04

ROUTE FAP 693 (IL9) DESCRIPTION 8'x10' Box Culv. Ext east of Tremont(E. of I -155) LOGGED BY JAR

SECTION D4 Culv. Ext./ Repair 2005-2 LOCATION SEC. , TWP. , RNG.

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.
Station

BORING NO. 58329
Station 583+29
Offset 67.00ft Rt CL
Ground Surface Elev. 586.1 ft

Surface Water Elev. 578.6 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 574.6 ft
Upon Completion 585.5 ft
After 24 Hrs. 579.1 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown SILTY CLAY LOAM	2		
	2	1.73	15.4
	3	B	
	1		
-5	2	1.07	19.2
	2	B	
579.60			
Brown SILTY LOAM	H		
	1	.45	19.9
	1	B	
	H		
-10	1	.25	21.4
	1	P	
574.60			
Brown Med. to Cse SAND & GRAVEL	1		
	1		17.7
	2		
	1		
-15	2		22.3
	2		
	2	1.5	17.6
568.60	3	P	
Brown, Gray SILTY LOAM	3		24.1
	2		
-20	1	.49	24.5

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	1	B	
Brown, Gray SILTY LOAM (continued)			
	H		
	1	.74	23.4
	2	B	
562.10			
	1		
Brown Med. to Cse SAND & GRAVEL	2		13.8
-25 begin washing @ 24'	3		
559.10	1		21.5
Brown, Grey SILTY LOAM	1	.58	26.5
	3	B	
	H	.45	25
-30	1	B	25.7
	2	.62	
554.60		B	
Gray/Brown SANDY LOAM	2		
	4	.5	20.9
	3	P	
552.10			
	7		17.2
Gray/Brown Med.-Cse. SAND & GRAVEL	7		
551.10 -38			
Gray CLAY LOAM TILL	9	2	16.3
		P	
	6		
	12	2.47	11.3
	24	B	
	3		
-40	6	.62	10.1

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, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 7/1/04

ROUTE FAP 693 (IL9) DESCRIPTION 8'x10' Box Culv. Ext east of Tremont(E. of I -155) LOGGED BY JAR

SECTION D4 Culv. Ext./ Repair 2005-2 LOCATION , SEC. , TWP. , RNG.

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.
Station

BORING NO. 58329
Station 583+29
Offset 67.00ft Rt CL
Ground Surface Elev. 586.1 ft

Surface Water Elev. 578.6 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 574.6 ft
Upon Completion 585.5 ft
After 24 Hrs. 579.1 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	7	B	
Gray CLAY LOAM TILL (continued)			
	20		
	30	7.01	11.7
	48	S	
	14		
-45	32	4.5	9.5
	35	P	
539.60			
Gray Med.-Cse. SAND & GRAVEL	21		
	19		12.2
	46		
537.10			
Gray Fine-Med. SAND	13		15.6
536.35 -50	40		10.1
Gray CLAY LOAM TILL	53	4.5	
535.60		P	
End of Boring			
-55			
-60			

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, from 137 (Rev. 8-99)