STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 698	126BR	WOODFORD	56	34
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 19
19 SHEETS

Contract # 68576

Illinois Department of Transportation — SOIL BORING LOG — Page 1 of 2

ROUTE FAP 698 (IL 89) DESCRIPTION IL 89 over Snag Creek near Washburn LOGGED BY kw
SECTION (126)BR LOCATION SEC., TWP., RNG.
COUNTY Woodford DRILLING METHOD Hollow Stem Auger HAMMER TYPE auto
STRUCT. NO. 102-0029 Station 521+90
BORING NO. 1 Station 522+29 Offset 8.00ft Rt Ground Surface Elev. 672.41 ft
Date 11/5/03

Surface Water Elev. ft Stream Bed Elev. ft
Groundwater Elev.: First Encounter ft Upon Completion ft After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
cored bituminous pavement, concrete, average black loam			
670.41			
very stiff black and brown loam (fill)	3		
	3	2.0	19.0
	5	P	
666.41			
stiff brown sandy clay loam (fill)	3		
	3	1.5	17.0
	4	P	
	2		
664.41	3	1.5	16.0
stiff black clay loam with silt and sand seams	4	P	27.3
	4	1.5	
	2	P	
	2	1.0	31.2
	2	P	
	1		
	2	1.0	20.9
658.91	3	P	
hard brown and gray sandy clay loam (till)	2		
	5	6.0	14.7
655.91	7	S	
hard gray sandy clay loam (till)	7		
	11	8.0	12.3
	15	S	
	8		
hard gray sandy clay loam (till) (continued)	9		
	12	6.0	13.6
		S	
	6		
	8	6.2	14.1
	13	S	
	6		
	9	4.9	12.6
	14	S	
	3		
	5	5.8	13.7
	7	S	
632.41			
dense gray fine sand and course gravel (with free water)	7		
	17		18.
	24		
624.41			
stiff gray sandy clay loam (till)	3		

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)

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ROUTE FAP 698 (IL 89) DESCRIPTION IL 89 over Snag Creek near Washburn LOGGED BY kw
SECTION (126)BR LOCATION SEC., TWP., RNG.
COUNTY Woodford DRILLING METHOD Hollow Stem Auger HAMMER TYPE auto
STRUCT. NO. 102-0029 Station 521+90
BORING NO. 1 Station 522+29 Offset 8.00ft Rt Ground Surface Elev. 672.41 ft
Date 11/5/03

Surface Water Elev. ft Stream Bed Elev. ft
Groundwater Elev.: First Encounter ft Upon Completion ft After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
stiff gray sandy clay loam (till) (continued)	3		
	3	1.9	16.3
	5	S	
629.41			
very stiff gray sandy clay loam (till)	4		
	6	2.9	13.3
	10	S	
	7		
	12	3.5	10.8
	62	P	
620.41			
hard gray sandy loam (till)			
	45		
	70	4.5	8.0
	98	S	
End of Boring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

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ROUTE FAP 698 (IL 89) DESCRIPTION IL 89 over Snag Creek near Washburn LOGGED BY kw
SECTION (126)BR LOCATION SEC., TWP., RNG.
COUNTY Woodford DRILLING METHOD Hollow Stem Auger HAMMER TYPE auto
STRUCT. NO. 102-0029 Station 521+90
BORING NO. 2 Station 521+48 Offset 8.00ft Lt Ground Surface Elev. 672.38 ft
Date 11/7/03

Surface Water Elev. ft Stream Bed Elev. ft
Groundwater Elev.: First Encounter ft Upon Completion ft After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
cored bituminous pavement, concrete, average black loam			
670.26			
very stiff brown clay loam (fill)	4		
	4	3.5	18.1
	5	P	
664.38			
soft gray sandy clay (fill)	2		
	2	1.0	18.2
	2	P	
660.38			
medium black silty loam (fill)	wh		
	wh	1.0	40.7
	3	P	
	1		
	3	1.0	34.5
	4	P	
	7		
soft gray silty clay loam	9		
	9		
	5		
	5	1.5	14.1
655.88	7	P	
hard gray sandy clay loam (till) very stiff at bottom	8		
	10	4.0	13.0
	12	S	
	8		
hard gray sandy clay loam (till) very stiff at bottom (continued)	10		
	13	5.8	13.6
		S	
	5		
	8	5.8	13.5
	11	S	
	7		
	9	4.5	14.0
	12	S	
641.88			
medium gray fine sand / course gravel	5		
	7	3.3	14.5
	14	S	
	17		
	14		7.5
	12		
634.38			
very stiff brown sandy clay loam (till)	4		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

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ROUTE FAP 698 (IL 89) DESCRIPTION IL 89 over Snag Creek near Washburn LOGGED BY kw
SECTION (126)BR LOCATION SEC., TWP., RNG.
COUNTY Woodford DRILLING METHOD Hollow Stem Auger HAMMER TYPE auto
STRUCT. NO. 102-0029 Station 521+90
BORING NO. 2 Station 521+48 Offset 8.00ft Lt Ground Surface Elev. 672.38 ft
Date 11/7/03

Surface Water Elev. ft Stream Bed Elev. ft
Groundwater Elev.: First Encounter ft Upon Completion ft After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
very stiff brown sandy clay loam (till) (continued)	6		
	8	3.1	13.9
	6	S	
626.38			
very stiff gray sandy clay loam (till)	6		
	11	3.8	11.8
	14	S	
624.38			
hard gray sandy loam (till)	10		
	24	5.1	13.2
	28	S	
	60		
	90	>4.5	9.1
	60	P	
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)
BBS, from 137 (Rev. 8-99)

DESIGNED	KRG
CHECKED	MJK
DRAWN	GSJ
CHECKED	MJK

NOTE: The stations shown in the boring logs conform to existing Bridge stationing pertaining to a previous survey. the following correction applies

Existing Bridge Station 521+90 = New Bridge station 521+52.42
Existing Bridge Station 522+29 = New Bridge station 521+13.42
Existing Bridge Station 521+90 = New Bridge station 521+52.42
Existing Bridge Station 521+48 = New Bridge station 521+94.42

offsets shown in boring logs should be read as left in place of right and vice versa

SOIL BORING LOGS
IL. ROUTE 89 OVER SNAG CREEK
F.A.P. ROUTE 698 SEC. 126BR
WOODFORD COUNTY
STATION 521+52.42
STRUCTURE NO. 102-0082

MID-AMERICA ENGINEERING SERVICES