STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 669	11BR-1	TAZEWELL	442	300
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 31
32 SHEETS

Contract #88804

Illinois Department of Transportation
Division of Highways
District Four Materials

SOIL BORING LOG

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Date 10/12/01

ROUTE FAP 669 DESCRIPTION IL 29 over Lick Creek LOGGED BY KRW

SECTION 11BR-1 LOCATION SE¼,SW¼,SE¼ PEKIN TWSP, SEC. 14, TWP. 25N, RNG. 5W, 3 PM

COUNTY TAZEWELL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 090-0049
Station 301+92

BORING NO. 5
Station 302+06
Offset 35.00ft Rt of CL
Ground Surface Elev. 443.66 ft

Surface Water Elev. 443.66 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After 24 Hrs. collapsed ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
No Sample taken 0.0'-4.5'					
Brown SAND and GRAVEL	439.16	-5	1 1 2	14	
		-10			
Brown/Gray SANDY CLAY LOAM	432.66		1 4 4	23	
		-15			
Brown SAND and GRAVEL	426.16	-20	2 4 5	17	

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown SAND and GRAVEL (continued)	-25	2 3 5		20
	-30			
	-35	6 6 5		8
	-40	5 7 6		7

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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Surface Water Elev. 443.66 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After 24 Hrs. collapsed ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown SAND and GRAVEL (continued)					
Brown SAND and GRAVEL w/some silty clay loam	400.16	-45	2 6 7	23	
		-50			
		-55	8 10 10	8	
		-60			

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown SAND and GRAVEL w/some silty clay loam (continued)				
Brown SAND and GRAVEL w/trace clay	380.66	-65	5 8 11	11
Coal fragments		-70	8 11 19	10
		-75		
Brown SAND and GRAVEL	367.66	-80	5 9 12	8

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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COUNTY TAZEWELL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 090-0049
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Groundwater Elev.:
First Encounter ft
Upon Completion ft
After 24 Hrs. collapsed ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown SAND and GRAVEL (continued)	361.16				
Brown SAND and GRAVEL w/trace clay	359.66		6 10 12		10
		-85			
		-90			
		-95			
		-100			

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)

BORING LOGS
F.A.P. ROUTE 669 - SECTION 11BR-1
TAZEWELL COUNTY
STATION 301+87.90
STRUCTURE NO. 090-0172

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