STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 669	11BR-1	TAZEWELL	442	298
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 29
32 SHEETS

Contract #88804

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District Four Materials

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Date 82101

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. 6W, 3 PM

COUNTY TAZEWELL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 090-0049
Station 301+92

BORING NO. 3
Station 302+92.5
Offset 35.00ft Rt of CL
Ground Surface Elev. 457.95 ft

Surface Water Elev. 443.66 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 441.0 ft
Upon Completion 448.0 ft
After 24 Hrs. 458.0 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
No Sample taken 0.0'-1.5'					
Brown SAND and GRAVEL wtraces of Clay	456.45		4		
			5		9
			5		
Brown SILTY CLAY LOAM	453.95		2		
		-5	3	2.08	16
			6	B	
Lt. Brown SAND and GRAVEL	451.45		2		
			3		4
			5		
Lt. Brown Med. SAND	448.95		2		
		-10	2		5
			2		
			2		
			2		4
			3		
			2		
		-15	4		4
			4		
Brown Coarse SAND and GRAVEL	441.45		2		
			2		4
			4		
			2		
		-20	2		11
Brown Coarse SAND and GRAVEL (continued)			2		
			6		
			8		17
			8		
			4		
		-25	5		13
			6		
			2		
			2		7
			4		
			2		
		-30	3		17
			4		
			3		
			2		9
			3		
			2		
		-35	2		6
			3		
			8		
			6		9
			6		
			5		
		-40	6		14

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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Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Coarse SAND and GRAVEL (continued)			6		
			6		
			3		
			3		10
			3		
			3		
			4		
		-45	4		11
			4		
			3		
			5		15
			5		
			3		
		-50	7		10
			7		
			4		
			7		12
			8		
			7		
		-55	7		12
			8		
	401.45		2		
BrownGray SAND and GRAVEL wSilt			2		26
			3		
	398.95		1		
BrownGray SILT wtraces of Clay and Gravel		-60	2	.21	27
BrownGray SILT wtraces of Clay and Gravel (continued)			2	B	
			2		
			2	.41	27
			2	B	
			1		
		-65	2		25
			2		
			1		
			2	.21	22
			3	B	
	388.95		2		
Brown Coarse SAND and GRAVEL		-70	4		12
			6		
			17		
			18		11
			20		10
			6		
			10		
			10		
		-75			
		-80	10		
			12		2
			10		
			10		
			15		10

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Coarse SAND and GRAVEL (continued)			16		
			9		
			17		11
	374.95		20		
		-85			
		-90			
		-95			
		-100			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BORING LOGS
F.A.P. ROUTE 669 - SECTION 11BR-1
TAZEWELL COUNTY
STATION 301+87.90
STRUCTURE NO. 090-0172