STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 669	11BR-2	TAZEWELL	442	268
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 13
14 SHEETS

Contract #88804

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District Four Materials

Page 1 of 3

Date 5/1/02

ROUTE FAP 669 (IL 29) DESCRIPTION IL Rte 29 Over Little Lick Creek Near North Pekin LOGGED BY DBR

SECTION 11 BR-1 LOCATION SW 14, NW 14, SEC. 13, TWP. 25N, RNG. 5W, 3 PM

COUNTY TAZEWELL DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. 090-0048 (exist)
Station 275+75 (prop.)

BORING NO. 1
Station 276+51
Offset 31.0 ft Rt of Median CL
Ground Surface Elev. 464.1 ft

Surface Water Elev. 453.03 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 434.3 ft
Upon Completion 444.9 ft
After 24 Hrs. Not Taken ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
No Sample Taken	462.6				
Dark Brown SILTY CLAY LOAM w/trace of gravel	460.1		3		
			2	.74	12
			3	P	
Brown SANDY CLAY LOAM	455.1		2		
		-5	3	.50	14
			2	P	
			2		
			2	.25	20
			1	P	
Brown SILTY CLAY	452.6		2		
		-10	1	.65	23
			2	S	
Brown Fine SAND	450.1		3		
			3		8
			2		
Brown SILTY CLAY w/trace of sand	445.1		0		
		-15	2	.74	18
			2	S	
			2		
			3	1.44	20
			4	B	
Brown Fine SAND	442.6		1		
		-20	2		15
Brown Fine SAND (continued)	436.1		3		
Brown /Light Brown CLAY LOAM	432.6		2		
			4	3.09	19
			3	B	
			1		
		-25	3	1.03	23
			3	B	
			2		
			2	1.24	21
			2	B	
Brown Fine SAND w/trace of silt	427.6		0		
		-30	1		27
			2		
Brown /Gray SANDY GRAVEL	425.1		2		
			4		13
			5		
			5		
		-35	7		17
			9		
Gray SILTY CLAY	421.6		4		
			8	1.03	31
			9	B	
Brown Fine SAND	416.1		6		
		-40	10		20

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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Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Fine SAND (continued)	412.6		12		
Gray CLAY w/trace of silt; 1' sand seam @ 53' (16.15m)	407.6		8		
			11		20
			14		
			7		
		-45	7		22
			16		
			3		
			13		23
			16		
			4		
		-50	6		23
			12		
			1		
			6	.49	29
			10	B	
			2		
		-55	3	.58	37
			2	B	
Gray SILTY CLAY	405.1		1		
			4	.82	26
			8	B	
Brown /Gray Fine SAND	395.1		13		
		-60	9		18
Brown /Gray Fine SAND (continued)	402.6		8		
Gray /Brown SANDY GRAVEL multi-colored gravels	395.1		8		
			12		8
			8		
			4		
		-65	4		8
			7		
			8		
large gravels @ 66.5'-69' (20.27m-21-03m)			7		8
			6		
Dark Gray SILTY SHALE w/a thin layer of weathered shale	392.8		75		
		-70	5		12
			20		
Brown /Gray SANDY GRAVEL	390.1		5		
			11		12
			15		
Brown /Gray GRAVEL	387.6		4		
		-75	4		7
			6		
Dark Gray SHALE	385.1		7		
			32		8
			68		
Gray SILTY SHALE 1.5' of fine sand @ bottom	382.6		71		
		-80	32		8

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Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
	383.6		14		
		-85			
		-90			
		-95			
		-100			

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BORING DETAILS
F.A.P. ROUTE 669-SEC. 11BR-2
TAZEWELL COUNTY
STATION 275+77.36
STRUCTURE NO. 090-0174

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