STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 669	11BR-2	TAZEWELL	442	269
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 14
14 SHEETS

Contract #88804

Illinois Department of Transportation
Division of Highways
District Four Materials

SOIL BORING LOG

Page 1 of 2

Date 5202

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

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. 2
Station 276+00
Offset 42.0 ft Lt of CL
Ground Surface Elev. 461.0 ft 461.16

Surface Water Elev. 453.0 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter none ft
Upon Completion 455.0 ft
After 24 Hrs. Not Taken ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
No Sample Taken					
2" of silty clay loam @ 1.5' (0.46m)	459.5				
Brown Fine SAND			3		
			2		7
			3		
			1		
		-5	2		7
			2		
	454.5				
Brown SANDY CLAY LOAM			1		
			1	.25	20
			1	P	
	452.0				
Brown SILTY CLAY LOAM			0		
		-10	2	.45	23
			1	B	
	449.5				
Brown SILTY CLAY			1		
			3	1.24	19
			4	B	
	447.0				
Brown SANDY CLAY LOAM w/trace of gravels			1		
		-15	2	.25	15
			2	P	
	444.5				
Brown SILTY CLAY			1		
			2	1.40	24
			3	B	
			1		
		-20	2	.70	20
Brown SILTY CLAY (continued) w/trace of sand @ 20.5' (6.25m)	439.5		2	B	
Brown SILTY CLAY LOAM			0		
			0	.74	22
			2	B	
	437.0				
Brown SANDY CLAY LOAM			0		
		-25	1	.29	20
trace of coal @ 26' (7.62m)			1	B	
	434.5				
Brown Fine SAND			2		
			1		17
			3		
	432.0				
Brown SILTY CLAY			2		
		-30	2	.41	28
			3	B	
	429.5				
Brown SILTY CLAY LOAM w/sand & gravel @ 33' (10.06m)			1		
			2	.74	26
			6	B	
	427.0				
Brown SANDY GRAVEL			11		
		-35	11		10
			9		
			9		
			12		15
			11		
			8		
		-40	8		15

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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SOIL BORING LOG

Page 2 of 2

Date 5202

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

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. 2
Station 276+00
Offset 42.0 ft Lt of CL
Ground Surface Elev. 461.0 ft

Surface Water Elev. 453.0 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter none ft
Upon Completion 455.0 ft
After 24 Hrs. Not Taken ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown SANDY GRAVEL (continued)			8		
			9		
			8		10
			8		
			12		
		-45	11		9
			7		
			12		
			9		0.8
			7		
	412.0				
Gray SILTY CLAY w/trace of gravel			5		
		-50	6	.74	20
			8	B	
	409.5				
Gray Fine SAND			3		
			13		20
			32		
			12		
		-55	18		22
			19		
			1		
			6		23
			8		
	402.0				
Gray CLAY LOAM			1		
		-60	2	1.65	31
Gray CLAY LOAM (continued)			3	8	
	399.0		5		
Gray Fine SAND			7	.41	27
			16	B	21
			5		
	397.0		7		
Gray /Brown SANDY GRAVEL			16		
		-65	2		13
			3		
			7		
			8		
		-70	8		7
			8		
			9		
		-75	13		12
	385.5		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)

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

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