Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Page 1 of 1

Date 9/4/09

ROUTE FAP 669 (IL29) DESCRIPTION Structure Borings for New Traffic Signals (Pekin Road District) LOGGED BY MAG

SECTION (11)RS-9,L-2,N,TS-4 LOCATION , SEC. 13, TWP. 25 N, RNG. 5W, 3rd PM,

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. -
Station -

BORING NO. B-1
Station 244+29.3
Offset 76.30ft RT
Ground Surface Elev. 474.90 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter None ft
Upon Completion None ft
After - Hrs. N/A ft

Description	Elev.	Depth (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown, CLAY, trace gravel, organics	473.90				
	473.40		2		
			2		15
			4		
Loose Brown, Fine to Medium SAND, trace gravel					
	470.90		2		
Medium Stiff Brown, Dry CLAY LOAM, trace gravel, organics			1	0.8	19
		-5	2	P	
			3		20
	467.90		3		
Brown, Coarse, Dry SANDY LOAM, trace gravel, organics			4		12
	466.40				
Medium Dense to Dense Brown, Medium to Coarse, Dry SAND, little gravel			4		
			5		
		-10	6		
6" Seam of Brown, SANDY CLAY, little gravel, organics at 11'			7		
			7		
			8		
			4		
			7		
		-15	10		
			8		
			12		
			19		
			7		
			19		
	454.90	-20	19		
Dense to Medium Dense Brown, Medium to Coarse, Dry SAND, little gravel			10		
			15		
			15		
			9		
			11		
		-25	13		
			10		11
	447.90		15		
Hard, Brown SANDY LOAM and silt, trace gravel			18	4.5 P	
	446.40				
Dense Brown, Coarse, Dry SAND			8		
			12		5
	444.90	-30	18		
End of Boring					
		-35			
		-40			

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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SECTION (11)RS-9,L-2,N,TS-4 LOCATION , SEC. 13, TWP. 25 N, RNG. 5W, 3rd PM,

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. -
Station -

BORING NO. B-2
Station 243+84.8
Offset 93.20ft RT
Ground Surface Elev. 477.50 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter None ft
Upon Completion None ft
After - Hrs. N/A ft

Description	Elev.	Depth (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Pavement surface, asphalt 8-inches thick	476.70				
Dark Brown GRAVEL AND SAND (FILL)	476.00		1		
			2		
			3		15
Loose Dark Brown, Dry SANDY CLAY LOAM, trace gravel, organics					
			2		
			4	0.8	9
		-5	6	P	
			2		
			2		17
			3		
			2		
			2		14
		-10	4		
	466.50				
Loose to Dense Brown, Medium to Coarse, Dry SAND			5		
			5		
			5		
			4		
1" CLAY Seam at 14'			5		
		-15	6		
			6		
			5		
			6		
			4		
			7		
		-20	8		
Loose to Dense Brown, Medium to Coarse, Dry SAND (continued) Organics at 20' to 21'					
			12		
			13		
			14		
			8		
			10		
		-25	14		
			8		
			15		
			20		
			9		
			9		
6" Stiff, Brown, Dry, CLAY and silt trace gravel, organics at 29.5'		-30	6		16
			16		
			18		5
	442.50	-35	18		
End of Boring					
		-40			

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)

SOIL BORING LOGS

FILE NAME = d468590-sht-boring log.dgn	USER NAME = lababidsm	DESIGNED -	REVISED -
		DRAWN - HZS - IDOT	REVISED -
	PLOT SCALE = 3.6164 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(11)RS-9,L-2,N,TS-4	TAZEWELL	102	43

CONTRACT NO. 68590

ILLINOIS FED. AID PROJECT