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-3
Station 244+92.17
Offset 85.30ft LT
Ground Surface Elev. 478.00 ft

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

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Topsoil and Gravel (fill)
				477.00
	2			Loose to Medium Dense
	2		15	Brown, Fine to Medium, Dry
	2			SAND, trace gravel
	7			
	8		5	
-5	9			
				472.00
	6			Medium Dense
	7		8	Brown and Gray, Medium to
	6			Coarse, Dry
				SAND, some gravel
	7			
	10		6	
-10	10			
	4			
	7	3.3	4	
	8	P		
				465.50
	4			Hard
	4	4.2	15	Brown, Dry
-15	8	S		SILTY LOAM, trace gravel
				462.00
	3			Medium Dense to Loose
	5			Brown, Medium to Coarse, Dry
	7			SAND
	2			
	4			
458.00 -20	5			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Loose to Medium Dense
	6			Brown, Medium to Coarse, Dry
	7			SAND
	11			
	9			
	9			
-25	11			
	9			
	11			
	13			
	7			
	8		4	
	11			Trace Coal at 30'
448.00 -30				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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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-4
Station 243+13.0
Offset 50.50ft LT
Ground Surface Elev. 478.40 ft

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

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Pavement surface, asphalt
				9-inches thick
				477.60
	6			Black
	9		7	GRAVEL AND SAND (fill)
	6			476.90
				Loose to Medium Dense
				Brown, Medium to Coarse, Dry
				SAND, trace gravel
	2			
	2			
-5	2			
	4			
	8			
	8			
	5			
	9			
-10	8			
	5			
	7			
	8			
	8			
	7			
-15	7			
	5			
	7			
	8			
	10			
	9			
-20	15			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Loose to Medium Dense
	7			Brown, Medium to Coarse, Dry
	7			SAND, trace gravel (continued)
	7			
	9			
	10			
-25	11			
	6			
	10			
	16			
	7			
	10			
448.40 -30	11			
				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)

SOIL BORING LOGS

FILE NAME = d468590-sht-boring log.dgn	USER NAME = lababidsm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - HZS - IDOT	REVISED -			669	(11)RS-9,L-2,N,TS-4	TAZEWELL	102	44
	PLOT SCALE = 3.6164 ' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 68590		
	PLOT DATE = 3/25/2010	DATE -	REVISED -					ILLINOIS FED. AID PROJECT		