

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
G&G CONSULTANTS INC.

SOIL BORING LOG

Page 1 of 2

Date 8/21/09

ROUTE FAP 317 (US24/IL 9) DESCRIPTION US 24/ IL9 Over LaMarsh Creek (Hollis Road District) LOGGED BY RJC

SECTION 45BR-2 LOCATION 40° 34' 52.9" N 89° 41' 39.6" W, SEC. 22, TWP. 7N, RNG. 7E, 4th PM, Latitude, Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 072-0228
Station 337+89.89
BORING NO. B-1 East Abutment
Station 336+91.5
Offset 39.90ft RT
Ground Surface Elev. 465.00 ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)
0				Pavement surface, asphalt 12-inches thick	0			
2				Loose, Gray, Fine to Medium, SAND, trace gravel, organics, coal (continued)	2			
4	2.9	13		Very Soft to Stiff Gray, LOAM, trace gravel, wood	4	<0.25	24	
4	B				4	B		
4			11		4	1.1	19	
5				Wood fragments	5	3	B	
4				Medium Dense to Loose Brown and Gray, Fine to Coarse, Wet SAND and gravel	4			
4	1.2	10			5		14	
7	B				6			
4					3			
5	3.4	17		Brown and Gray CLAY (fill), trace gravel	3		14	
6	B				3			
2			15	Trace organics				
5	1.6							
7	B							
5				Gray CLAY (fill), trace gravel	1			
5	1.2	14		Stiff to Very Hard Gray, Wet SHALEY CLAY (Highly Weathered Sandy Shale), trace gravel, organics (large pieces of wood at 34.5-feet)	1	1.0	36	
6	B				1	B		
7			16		100/1'			12
8								
2			19	Loose, Gray, Fine to Medium, SAND, trace gravel, organics, coal				
2								
3								

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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Date 8/21/09

ROUTE FAP 317 (US24/IL 9) DESCRIPTION US 24/ IL9 Over LaMarsh Creek (Hollis Road District) LOGGED BY RJC

SECTION 45BR-2 LOCATION 40° 34' 52.9" N 89° 41' 39.6" W, SEC. 22, TWP. 7N, RNG. 7E, 4th PM, Latitude, Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 072-0228
Station 337+89.89
BORING NO. B-1 East Abutment
Station 336+91.5
Offset 39.90ft RT
Ground Surface Elev. 465.00 ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
100/2'				
422.50				
43				Auger refusal encountered at 43-feet. Suspected Bedrock End of Boring
45				
50				
55				
60				

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)

BORING LOGS I				
U.S. ROUTE 24 & IL ROUTE 9 OVER LA MARSH CREEK				
STATION 337+89.89 STRUCTURE NO. 072-0228				
SHEET NO.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
S32 OF 39 SHEETS	317	45BR-2	PEORIA	122
CONTRACT NO. 68719			80	
10-15-10		ILLINOIS FED. AID PROJECT		

GRAEF 8501 W. Higgins Road, Suite 280
Chicago, Illinois 60631
(773) 399-0112

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 10/18/2010

DESIGNED J.A.Z.
CHECKED E.E.J.
DRAWN S.R.K.
CHECKED J.A.Z.