ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	595	1360
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 8/6/01

ROUTE FAI-74 DESCRIPTION Prop. culvert under War Memorial Dr LOGGED BY KRW

SECTION 72-6,7,8,9-1,90-11,90-12 LOCATION SW1/4,SE1/4,SE1/4RICHWDSTWSP. SEC. 19, TWP. 9N, RNG. 8E, 4th PM

COUNTY Peoria & Tazewel DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 072-2029(prop)
Station

BORING NO. 13 (culvert)
Station 100+886.1
Offset 31.09m Rt
Ground Surface Elev. 192.96 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 190.8m
Upon Completion 191.1m
After 24 Hrs. 191.8m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
No Sample taken 0.0m-.30m (0.0'-1.0')	192.66				
Brown SILTY LOAM			3		
			3		11.0
			3		
Brown/Gray SILTY CLAY	191.90		0		
			1	39	24.0
		-1.5	1	B	
			1		
			1	59	25.0
			1	B	
			1		
			0	59	26.0
		-3.0	0	B	
Gray/Brown SILTY CLAY LOAM	189.61		0		
			1	39	32.0
			2	B	
Gray SILTY LOAM	188.85		0		
			1	39	29.0
		-4.5	2	B	
Gray SILTY SAND	188.09		0		
			1		14.0
			1		
			0		
			1		16.0
		-6.0			
Gray SILTY SAND (continued)			1		
			0		
			1		19.0
			1		
			4		14.0
Gray CLAY LOAM TILL	185.56	-7.5	3	32	9.0
			4	B	
			1		
			4	217	15.0
			6	B	
			3		
		-9.0	4	217	14.0
			7	B	
Gray SAND and GRAVEL	183.51		5		
			14		12.0
			11		
Gray CLAY LOAM TILL	182.75		5		
		-10.5	6	454	12.0
			11	B	
			4		
			8	355	13.0
			13	B	
			4		
		-12.0			

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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 2 of 2

Date 8/6/01

ROUTE FAI-74 DESCRIPTION Prop. culvert under War Memorial Dr LOGGED BY KRW

SECTION 72-6,7,8,9-1,90-11,90-12 LOCATION SW1/4,SE1/4,SE1/4RICHWDSTWSP. SEC. 19, TWP. 9N, RNG. 8E, 4th PM

COUNTY Peoria & Tazewel DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 072-2029(prop)
Station

BORING NO. 13 (culvert)
Station 100+886.1
Offset 31.09m Rt
Ground Surface Elev. 192.96 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 190.8m
Upon Completion 191.1m
After 24 Hrs. 191.8m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray CLAY LOAM TILL (continued)			7	395	13.0
			11	B	
			6		
			9	493	13.0
			13	B	
			3		
		-13.5	5	277	14.0
			8	B	
Gray Fine to Med. SAND w/gravels	178.94		13		
			32		6.0
			42		
End of Boring	178.48				
		-15.0			
		-16.5			
		-18.0			

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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 8/7/01

ROUTE FAI-74 DESCRIPTION Prop. culvert under War Memorial Dr LOGGED BY KRW

SECTION 72-6,7,8,9-1,90-11,90-12 LOCATION SW1/4,SE1/4,SE1/4RICHWDSTWSP. SEC. 19, TWP. 9N, RNG. 8E, 4th PM

COUNTY Peoria & Tazewel DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 072-2029(prop)
Station

BORING NO. 14 (culvert)
Station 100+912.6
Offset 49.01m Rt
Ground Surface Elev. 195.08 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter none m
Upon Completion none m
After 24 Hrs. none m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
No Sample taken 0.0m-0.3m (0.0'-1.0')	194.77				
Brown SILTY CLAY LOAM			1		
			2	173	15.0
			3	B	
			2		
			3	192	17.0
		-1.5	4	B	
			2		
			3	166	24.0
			3	B	
			1		
			1		16.0
		-3.0	3		
			1		
			0		17.0
			2		
Brown/Gray CLAY LOAM TILL	190.96		2		
			2	150	14.0
		-4.5	4	B	
			3		
			5	395	13.0
			9	B	
			2		
			3	355	14.0
		-6.0			
Brown/Gray CLAY LOAM TILL (continued)	188.68		6	8	
Gray CLAY LOAM TILL			2		
			4	257	13.0
			7	B	
			3		
			5	197	14.0
		-7.5	7	B	
			2		
			4	353	13.0
			5	B	
			2		
			3	237	14.0
		-9.0	6	B	
			3		
			6	355	12.0
			11	B	
			4		
		-10.5	5	316	13.0
			12	B	
			2		
			6	237	13.0
			10	B	
			3		
		-12.0			

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)

LEGEND

Silty Clay Loam — Textural classification of soil in accordance with IDOT Triangular Chart.

BLOWS/150mm — Number of blows required to drive a standard soil sampling device 150 mm as conducted in ccordance with AASHTO T 206 standard specification.

Q_u, kPa — Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.

Moist, % — Natural moisture content of soil and bedrock in percent determined in accordance with AASHTO T 265 standard specification and AASHTO T 265/ASTM D 2216 for bedrock.

REVISION	DATE	DESCRIPTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS II

WAR MEMORIAL DRIVE OVER DRY RUN CREEK
F.A.I. ROUTE 74 SEC. (72-7)R-3
PEORIA COUNTY STA. 39+899.517 (U.S. 150)
STRUCTURE NUMBER 072-2504

PARSONS TRANSPORTATION GROUP
CHICAGO, ILLINOIS

DRAWING NO.	SCALE	DATE	SHEET NO.
8	N.T.S.	11/4/04	8

Date: 01/31/2005 Time: 09:38:06 AM
Filename: P:\643996\structural\072-2029-culvert\sheet\Tracings 2\BL0002-A072-2504.dgn