ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	574	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 1

Date 7/31/01

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 & Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 072-2029(prop)
Station

BORING NO. 11 (culvert)
Station 100+847.3
Offset 29.78m Lt
Ground Surface Elev. 190.66 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 187.0m ▼
Upon Completion 187.6m ▽
After 24 Hrs. 190.1m ▽

Description	Elev.	Depth (m)	BLOWS (/150mm)	UCS Qu (kPa)	MOIST (%)
No Sample taken 0.0m-0.3m (0.0'-1.0').	190.35				
Brown SILTY LOAM			5		
		▽	3		13.0
			4		
Brown/Gray SAND and GRAVEL	189.59		2		
			1		20.0
		-1.5	2		
Gray SILTY LOAM	188.83		2		
			4	335	13.0
			8	B	
Gray CLAY LOAM TILL	188.07		3		
			5	355	13.0
		▽ -3.0	8	B	
			1		
		▼	4	277	13.0
			7	B	
			1		
			4	237	14.0
		-4.5	9	B	
Gray SILTY CLAY LOAM w/sand	185.78		4		
			6	197	14.0
			7	B	
Gray SAND and GRAVEL w/trace of clay	185.02		7		
			11		11.0
		-6.0			
Gray SAND and GRAVEL w/trace of clay (continued)			12		
Gray CLAY LOAM TILL	184.26		4		
			9	355	13.0
			12	B	
			5		
			8	335	13.0
		-7.5	13	B	
			4		
			7	335	13.0
			11	B	
			2		
			6	277	14.0
		-9.0	8	B	
			2		
			6	277	14.0
			10	B	
			2		
			6	277	14.0
		-10.5	12	B	
End of Boring	179.99	-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 1 of 2

Date 8/3/01

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 & Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 072-2029(prop)
Station

BORING NO. 12 (culvert)
Station 100+864.2
Offset 0.00m (on CL)
Ground Surface Elev. 194.08 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 181.9m ▼
Upon Completion none m
After 24 Hrs. 191.4m ▽

Description	Elev.	Depth (m)	BLOWS (/150mm)	UCS Qu (kPa)	MOIST (%)
No Sample taken 0.0m-.15m (0.0'-.5').	193.93				
Brown SILTY CLAY LOAM			3		
			5	119	16.0
			11	B	
Brown Gravelly LOAM w/trace of clay	193.17		4		
			5		8.0
			6		
		-1.5			
Brown SILTY SAND w/traces of clay	192.41		1		
			2		12.0
			2		
Gray SAND and GRAVEL w/trace of clay	191.65		3		
		▽	3		14.0
			1		
		-3.0			
Gray SILTY CLAY w/gravels and sand	190.88		3		
			3	158	16.0
			2	B	
Gray CLAY LOAM TILL	190.12		0		
			2	150	22.0
trace of silt			2	B	
		-4.5			
			2		
			4		13.0
			4		
			2		
			4		14.0
		-6.0	6		
Grey CLAY LOAM TILL (continued)			2		
			4	257	14.0
			7	B	
			2		
			6	355	14.0
silty sand seam		-7.5	8	B	
			1		
			4	237	14.0
			5	B	
			2		
			4	237	14.0
		-9.0	8	B	
			8		
			7	355	8.0
sand and gravel seam			7	B	
			2		
			5	355	12.0
		-10.5	10	B	
			2		
			4	257	13.0
			8	B	
			3		
			6	335	13.0
		-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 8/3/01

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 & Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 072-2029(prop)
Station

BORING NO. 12 (culvert)
Station 100+864.2
Offset 0.00m (on CL)
Ground Surface Elev. 194.08 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 181.9m ▼
Upon Completion none m
After 24 Hrs. 191.4m ▽

Description	Elev.	Depth (m)	BLOWS (/150mm)	UCS Qu (kPa)	MOIST (%)
Gray CLAY LOAM TILL (continued)		▼	11	B	
			2		
			6	237	14.0
			10	B	
			3		
			5	237	14.0
		-13.5	17	B	
Gray/Brown Fine SAND	180.22		7		
			17		3.0
			21		
			9		
			17		3.0
		-15.0	25		
End of Boring	179.00				
		-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)

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 I

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.
7	N.T.S.	11/4/04	7

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