STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Date 6/13/96

ROUTE FA 742 DESCRIPTION D92-018-09 IL 2 over Fuller Creek S. of US 20 Bypass LOGGED BY C. Jenkins

SECTION 34 BR-1 LOCATION Rockford SW 1/4, SEC. 10, TWP. 43N, RNG.

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-61 Safe-T Driver

STRUCT. NO. 101-0023
Station 216+37

BORING NO. B-2
Station 216+03
Offset 29.00ft Lt CL
Ground Surface Elev. 709.20 ft

Surface Water Elev. 695.90 ft
Stream Bed Elev. 695.30 ft

Groundwater Elev.:
First Encounter Wash ft
Upon Completion ft
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt					
SOFT brown SILTY CLAY with GRAVEL				0.3 P	19.0
	706.70				
MEDIUM brown SILTY CLAY			1		
			3	0.6 B	26.0
	705.20		3		
		-5			
MEDIUM brown SANDY CLAY LOAM with GRAVEL			2		
			3	0.7 B	19.0
	702.70		5		
MEDIUM red/brown SILTY CLAY with some GRAVEL			2		
			3	0.6 B	23.0
	700.20		4		
		-10			
MEDIUM brown SILTY CLAY with GRAVEL			2		
			4	0.7 P	12.0
	697.70		6		
MEDIUM brown SANDY LOAM with GRAVEL			2		
			6	0.9 P	12.0
	694.70		7		
		-15			
MEDIUM dirty brown SAND & GRAVEL			2		
			5		
	692.70		6		
MEDIUM brown SAND & GRAVEL			5		
			11		
	690.20		16		
		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE brown SAND & GRAVEL			6		
			3		
	687.70		3		
LOOSE brown SAND & GRAVEL			2		
			3		
	685.20		4		
		-25			
VERY LOOSE tan SAND & GRAVEL			1		
			0		
	682.70		0		
LOOSE tan fine to coarse grained SAND			1		
			1		
	680.20		4		
		-30			
Wash			1		
Same as above			1		
	677.70		3		
Same as above			0		
			1		
	675.20		3		
		-35			
	672.70				
MEDIUM tan SAND & GRAVEL			6		
			8		
	670.20		12		
		-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, from 137 (Rev. 8-99)

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Groundwater Elev.:
First Encounter Wash ft
Upon Completion ft
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	667.70				
Same as above			6		
			7		
	665.20		8		
		-45			
	662.70				
DENSE tan SAND & GRAVEL			11		
			20		
	660.20		30		
		-50			
	657.70				
Same as above			13		
			22		
	655.20		21		
		-55			
	652.70				
VERY DENSE tan SAND & GRAVEL			14		
			23		
	650.20		32		
		-60			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	647.70				
Same as above			26		
			45		
	645.20		40		
End of Boring					
		-65			
		-70			
		-75			
		-80			

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)

DESIGNED	PRD
CHECKED	WAT
DRAWN	RTG
CHECKED	PRD

DLZ Illinois, Inc.
85 W. Algonquin Rd. Ste. 220
Arlington Heights Il 60005

BORING LOG B-2
STRUCTURE NO. 101-0184

SHEET NO. 22 OF 22 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	34BR-1	WINNEBAGO	78	57
			CONTRACT NO. 64E68		
	FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		