

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

SOIL BORING LOG

Page 1 of 2

Date 8/11/96

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. Station	BORING NO. Station	Offset	Ground Surface Elev. ft	D (ft)	B (/6")	U (tsf)	M (%)	Soils				D (ft)	B (/6")	U (tsf)	M (%)
								Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter Upon Completion After Hrs.				
101-0023 216+37	B-1 216+67	30.00ft RI CL	710.10					695.90	695.30						
								VERY SOFT brown SANDY LOAM with GRAVEL	LOOSE brown/tan SAND						
			707.60												
			706.10					MEDIUM Same as above	VERY LOOSE tan fine to medium SAND						
								SOFT red brown SANDY LOAM	LOOSE Same as above						
			703.60												
								MEDIUM reddish brown SANDY LOAM with GRAVEL	LOOSE Same as above						
			700.60												
								LOOSE red SAND & GRAVEL	Wash MEDIUM tan SAND & GRAVEL						
			698.10												
								MEDIUM brown SILTY LOAM with GRAVEL	MEDIUM Same as above						
			696.10												
								VERY STIFF Same as above	MEDIUM Same as above						
			693.10												
								LOOSE dirty brown SAND & GRAVEL	LOOSE Same as above						
			691.10												

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
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

Date 8/11/96

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. Station	BORING NO. Station	Offset	Ground Surface Elev. ft	D (ft)	B (/6")	U (tsf)	M (%)	Soils				D (ft)	B (/6")	U (tsf)	M (%)
								Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter Upon Completion After Hrs.				
101-0023 216+37	B-1 216+67	30.00ft RI CL	710.10					695.90	695.30						
								MEDIUM Same as above	MEDIUM Same as above						
			668.60												
			666.10												
			663.60												
			661.10					Wash LOOSE tan SAND & GRAVEL	VERY DENSE Same as above						
			658.60												
			656.10					Wash DENSE Same as above							
			653.60												
			651.10					DENSE Same as above							

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

BORING LOG B-1
STRUCTURE NO. 101-0184

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

SHEET NO. 21 OF 22 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	34BR-1	WINNEBAGO	78	56
CONTRACT NO. 64E68					
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					