


BORING LOGS



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

SOIL BORING LOG

Page 1 of 1
Date 7/25/06

ROUTE IL 73 DESCRIPTION P92-029-07 culvert, .1 m. N. of Mound Road LOGGED BY W. Garza

SECTION _____ LOCATION Kent Twp. - 16 SW, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic


STRUCT. NO. 089-1035 DEPTH (ft) (ft) (1/6") (tsf) (%)

BORING NO. B-1a Station 17' S. Offset 11.00ft E of Culv. CL Ground Surface Elev. 99.80 ft

DEPTH (ft)	(ft)	(1/6")	(tsf)	(%)	DESCRIPTION	DEPTH (ft)	(ft)	(1/6")	(tsf)	(%)
97.30					SOFT gray SILTY LOAM with TILL	78.30				
95.80					VERY STIFF gray SILTY CLAY TILL with weathered LIMESTONE fragments	75.80				
93.30					STIFF gray SILTY CLAY TILL	72.80				
90.80					MEDIUM gray SILTY CLAY	70.30				
88.30					DENSE tan weathered LIMESTONE	68.30				
85.30					VERY DENSE tan weathered LIMESTONE	65.80				
82.80					End of Boring					
80.30										

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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SOIL BORING LOG

Page 1 of 1
Date 7/27/06

ROUTE IL 73 DESCRIPTION P92-029-07 culvert, .15 m. N. of Mound Road LOGGED BY W. Garza

SECTION _____ LOCATION Kent Twp. - 16 SW, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 089-1034 DEPTH (ft) (ft) (1/6") (tsf) (%)

BORING NO. B-1b Station 16' S. Offset 10.00ft E. of Culv. CL Ground Surface Elev. 99.60 ft

DEPTH (ft)	(ft)	(1/6")	(tsf)	(%)	DESCRIPTION	DEPTH (ft)	(ft)	(1/6")	(tsf)	(%)
97.10					MEDIUM gray SILTY CLAY LOAM	78.10				
95.60					VERY STIFF gray SILTY LOAM	75.60				
93.10					SOFT gray SILTY LOAM	73.10				
90.60					STIFF dark gray SILTY CLAY LOAM	70.10				
88.10					MEDIUM gray SILTY CLAY LOAM	68.10				
85.60					SOFT tan SILTY CLAY LOAM with weathered LIMESTONE fragments					
83.10					VERY STIFF gray/tan SILTY CLAY LOAM TILL with weathered LIMESTONE lens					
80.60					STIFF gray SILTY CLAY					

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)

FILE NAME =	USER NAME = dosedd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 73 BORING LOGS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\PWIDOT\DOSSDD\dms33571\d029671logs.dgn		DRAWN -	REVISED -					654	(107, 108, 109)RS-4	STEPHENSON	89	65
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -					CONTRACT NO. 64C91				
PLOT DATE = Wed Sep 24 08:49:59 2008		DATE -	REVISED -					FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				