

BORING LOGS



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 1/25/07

ROUTE FAP 642 DESCRIPTION P92-047-07 Box Culvert on IL 78, just N. of E. Willow Road LOGGED BY W. Garza
SECTION (10, 11) T LOCATION Pleasant Valley Twp. - 15 SW, SEC. , TWP. 26N, RNG. 4E
COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	DEPTH (ft)	BLOW (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs. ft)
043-1056	183+00										
B-1	182+98										
	Offset 34.00ft RL CL										
	Ground Surface Elev. 98.0										
MEDIUM brown SILTY CLAY LOAM				0.5 P	23						
	96.00		2								
MEDIUM brown SILTY LOAM			3	0.5 P	30						
	94.50		5								
STIFF dark brown SILTY CLAY LOAM			3								
	91.50		3	1.1 B	28						
			6								
VERY LOOSE/LOOSE dark brown dirty SAND & GRAVEL			2								
	89.50		2								
			2								
MEDIUM brown dirty SAND & GRAVEL with chert			2								
	87.00		6								
			8								
MEDIUM tan dirty weathered LIMESTONE with chert fragments			12								
	84.50		13								
			14								
DENSE Same as above			16								
	82.00		17								
			18								
VERY DENSE Same as above			100/1								
	79.50										
End of Boring											

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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Date 1/29/07

ROUTE FAP 642 DESCRIPTION P92-047-07 Box Culvert on IL 78, just N. of E. Willow Road LOGGED BY W. Garza
SECTION (10, 11) T LOCATION Pleasant Valley Twp. - 15 SW, SEC. , TWP. 26N, RNG. 4E
COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	DEPTH (ft)	BLOW (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs. ft)
	183+00										
B-2	183+18										
	Offset 13.00ft RL CL										
	Ground Surface Elev. 99.7										
MEDIUM brown SILTY CLAY LOAM				0.6 P	25						
	97.70										
MEDIUM dark gray SILTY LOAM			3								
	96.20		4	0.8 P	38						
			5								
MEDIUM dark gray SILTY LOAM			3								
	93.70		4	0.8 P	34						
			5								
LOOSE brown dirty SAND with chert			3								
	90.70		3		18						
			4								
LOOSE gray dirty SAND & GRAVEL, moist			3								
	88.70		3								
			5								
MEDIUM tan weathered LIMESTONE with chert			7								
	86.20		11								
			12								
DENSE tan Same as above			11								
	83.70		17								
			18								
VERY DENSE Same as above			16								
	81.20		9								
			100/6								
End of Boring											

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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 = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwidot\HENSONKE\dms33597\00707BOR.DGN		DRAWN -	REVISED -			642	(10,11)T	JO DAVIESS	283	102	
PLOT SCALE = 165.0000 / IN.		CHECKED -	REVISED -			CONTRACT NO. 64D07					
PLOT DATE = Wed Sep 03 10:24:04 2008		DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.