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

SOIL BORING LOG

Date 5/4/11

ROUTE FAP 309 DESCRIPTION P92-096-09 Box Culvert on US 30, .3 m. W. of Round Grove Road LOGGED BY W. Garza

SECTION 29T LOCATION Mt. Pleasant Twp. - 24SW, SEC., TWP. 21N, RNG. 5E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. _____
Station 1334+42

BORING NO. B-3b
Station 1334+58
Offset 21.00ft Rt CL
Ground Surface Elev. 682.50 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 647.5 ft ▼
Upon Completion 652.5 ft ▽
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Shoulder					
VERY STIFF light brown SILTY CLAY LOAM	680.00		4		
			4	3.7	19.0
	678.50		4	B	
VERY STIFF gray SILTY CLAY		-5	0		
			5	2.6	23.0
	676.00		9	P	
VERY STIFF dark gray SILTY LOAM			5		
			5	2.1	25.0
	673.50		7	P	
VERY STIFF gray SILTY CLAY LOAM		-10	3		
			5	2.1	24.0
	671.00		7	B	
VERY STIFF gray SILTY CLAY LOAM			5		
			5	2.7	22.0
	668.50		8	B	
VERY STIFF gray SILTY CLAY LOAM		-15	5		
			12	3.1	22.0
	666.00		14	B	
VERY STIFF gray SILTY LOAM			6		
			6	3.1	18.0
	663.50		9	P	
		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY DENSE gray CONCRETE			11		
			16		
	661.00		46		
CONCRETE					
	658.50				
End of CONCRETE at 26'		-25			
	656.00				
STIFF gray SILT			3		
			4	1.2	21.0
	653.50		4	S	
VERY STIFF gray SILT		▽-30	3		
			6	2.5	17.0
	651.00		8	P	
LOOSE/MEDIUM light gray fine SAND, very moist			3		
			3		
	648.50		7		
MEDIUM gray medium/fine SAND		▼-35	4		
			7		
	646.00		11		
End of Boring					
		-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)

FILE NAME = W:\Projects\2010\100120 PTB 157\25\cadd\Structural\Dgn\WD #4 IL 30 ShtPile EndSection\0981020-64F23-003-SoilBoring.dgn

WILLS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

USER NAME =	DESIGNED - DLS	REVISED -	
FILE NAME =	CHECKED - AEU	REVISED -	
PLOT SCALE =	DRAWN - DLS	REVISED -	
PLOT DATE = 06/24/2011	CHECKED - AEU	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG
STRUCTURE NO. 098-1020
SHEET NO. 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	15T-1	WHITESIDE	74	44
		CONTRACT NO. 64F23		
		ILLINOIS FED. AID PROJECT		