

Contract #70393



Illinois Department of Transportation
Division of Highways
DOT - Dist 5

SOIL BORING LOG

Page 1 of 1

ROUTE FAP 323 (US 36) DESCRIPTION Bridge over Hackett Branch 3 Miles East of Tuscola LOGGED BY CNA
SECTION 145BR-1 LOCATION SE, SEC. 31, TWP. 16N, RNG. 15N, 3rd PM
COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	STATION	BORING NO.	DEPTH	SOIL TYPE	WATER	U.C.S.	M.O.I.
021-0021(Exist.)	150+57 (Exist.)	1 NW Boring	150+20				
			17.0 ft LT				
			Ground Surface Elev. 653.3				
			Shoulder Pavement (10" of Asphalt) 653.3				
			652.3				
			Brown to Black Mixed Silty Clay Loam (Embankment)				
			2				
			4				
			5				
			645.3				
			Black Silty Clay				
			2				
			2	0.9	21		
			3		B		
			10				
			640.3				
			Gray Clay Loam Till				
			2				
			2	4.5	12		
			4		B		
			15				
			636.3				
			Gray Silty Clay Loam Till				
			3				
			6	3.7	12		
			7		B		
			3				
			5				
			7				
			20				

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)



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STRUCT. NO.	STATION	BORING NO.	DEPTH	SOIL TYPE	WATER	U.C.S.	M.O.I.
021-0021(Exist.)	150+57 (Exist.)	2 SE Boring	150+54				
			16.0 ft RL				
			Ground Surface Elev. 653.5				
			Shoulder Pavement (10" of Asphalt) 652.5				
			652.5				
			Brown to Gray Silty Clay Loam (Embankment)				
			4				
			6	5.2	12		
			5		B		
			1				
			3				
			4	2.5	13		
			6		B		
			645.5				
			Brown to Gray Silty Clay Loam				
			1				
			2	2.1	13		
			2		B		
			10				
			623.5				
			End of Boring				
			3				
			2	1.2	22		
			3		B		
			640.5				
			Gray Clay Loam Till				
			3				
			3				
			15				
			2				
			6	6.0	12		
			8		B		
			4				
			7	5.4	12		
			10		B		
			20				

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

PLOT DATE = 10/16/2008
FILE NAME = I:\Projects\10-borings.dgn
PLOT SCALE = 0.25088 1" = 1'
USER NAME = stuf131

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE BORING LOGS	
PROJECT US 36 OVER HACKETT BRANCH FAP RTE 323 SECTION 145 BR-1 DOUGLAS COUNTY STATION 150+50 STRUCTURE NUMBER 021-2026	PROJECT NO. 03020 SCALE DATE 06/05/07 DRAWN BY CFC CHECKED BY KS/MCB DRAWING NO.
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002708	
10 OF 10 SHTS	