


BORING LOGS



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

SOIL BORING LOG

Page 1 of 1
Date 2/18/10

ROUTE FAP 517 DESCRIPTION P92-080-09 Box Culvert, US 20 over a ditch, .4 m. east of Beaver Valley Road LOGGED BY J. Strating


SECTION L-M-4 LOCATION Belvidere Twp. - 21NW, SEC. , TWP. 44N, RNG. 3E

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

STRUCT. NO. Station	BORING NO. Station	D P T H	B O W S	U O S Qu	M I S T	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:			
						ft		ft		ft		ft	
						(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)
MEDIUM brown SILTY CLAY LOAM													
				0.8	24.0								
				P									
				5									
				3	0.8	25.0							
				5	P								
				1									
				3	1.3	24.0							
				5	B								
				1									
				3	0.5	15.0							
				4	P								
				2									
				4									
				4									
				2	1.8	12.0							
				5	P								
				5									
				6									
				9									
				2									
				5	2.0	12.0							
				10	B								
				6									

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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						ft		ft		ft		ft	
						(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)
STIFF brown SILTY CLAY LOAM													
				1.0	17.0								
				P									
				3									
				3	1.8	24.0							
				5	P								
				3									
				4	1.0	22.0							
				4	P								
				3									
				3	1.1	28.0							
				5	B								
				3									
				3	0.5	18.0							
				3	P								
				2									
				5									
				6									
				6									
				8									
				11									
				5									
				13									
				23									
				7									

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