


BORING LOGS

STA. 492+34

SN 037-1190



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

SOIL BORING LOG

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Date 5/18/09

ROUTE FAS 226 DESCRIPTION 037-1106 P92-088-09 Box culvert on US 6, .5 m. W. of 950E LOGGED BY W. Garza


SECTION 3T & 3BR-1 LOCATION Edford Twp. - 22NW, SEC. , TWP. 17N, RNG. 2E

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

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev. (ft)	D E L U M				Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs)	D E L U M						
				P	B	S	Q							P	B	S	Q			
037-1106 492+30	B-1a 492+38	62.00ft Lt CL	655.00							648.0	Dry									
MEDIUM brown SILTY CLAY LOAM																				
			653.00																	
SOFT brown LOAM																				
			651.50																	
MEDIUM dark gray LOAM																				
			649.00																	
VERY SOFT tan LOAM																				
			646.50																	
MEDIUM tan SANDY LOAM TILL																				
			644.00																	
HARD gray CLAY LOAM TILL																				
			641.50																	
VERY STIFF gray CLAY LOAM TILL																				
			639.00																	
VERY STIFF gray CLAY LOAM TILL																				
			636.50																	
HARD gray CLAY LOAM TILL																				

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

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Date 5/27/09

ROUTE FAS 226 DESCRIPTION 037-1106 P92-088-09 Box culvert on US 6, .5 m. W. of 950E LOGGED BY W. Garza

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

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev. (ft)	D E L U M				Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs)	D E L U M						
				P	B	S	Q							P	B	S	Q			
037-1106 492+30	B-2a 492+22	18.00ft Rt CL	661.70																	
STIFF brown SILTY CLAY LOAM																				
			659.70																	
STIFF brown SILTY CLAY LOAM																				
			658.20																	
STIFF brown SILTY CLAY LOAM																				
			655.70																	
MEDIUM dark brown SILTY CLAY LOAM																				
			653.20																	
STIFF tan/gray LOAM																				
			650.70																	
VERY STIFF tan LOAM TILL																				
			648.20																	
VERY STIFF tan LOAM TILL																				
			645.70																	
VERY STIFF tan LOAM TILL with COAL lens																				
			643.20																	
HARD gray CLAY LOAM TILL																				

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BBS, from 137 (Rev. 8-99)