

BORING LOGS
SECTION (13X)I-3
PIPE CULVERT, EAST OF HARRISTOWN BLVD.

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 6/16/08

ROUTE FAP 36 (US 36) DESCRIPTION Pipe Culvert, East of Harristown Blvd LOGGED BY E. Sandschafer
SECTION (13X)I-3 LOCATION NE 14, SEC. 13, TWP. 16 N, RNG. 1 E, 3 PM
COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. NA DRILLING METHOD D B U M
Station 058-pipeculv E L C O
P O S I
BORING NO. 1 T W S
Station 635+21 H S Qu T
Offset 52.00 ft
Ground Surface Elev. 662.91 ft (ft) (6") (tsf) (%)

6" shoulder mixture of crushed aggregate and clay.	662.41																					
Very stiff to medium, damp, dark gray, CLAY.																						
			3																			
			4	2.9	20																	
			7	B																		
			4																			
			5	2.2	23																	
			7	B																		
			2																			
			3	1.3	29																	
			4	B																		
			2																			
			2	0.6	21																	
			4	B																		
			2																			
			6	2.4	14																	
			7	B																		
			2																			
			8																			
			8	4.0	11																	
			12	B																		
			5																			
			8	2.9	11																	
			12	B																		
			5																			

Very stiff, damp, gray, CLAY LOAM TILL (continued) 641.91 7 2.6 11
Extent of exploration. 11 B
Benchmark: BM 53 chiseled square on West end of South existing pipe culvert headwall, Sta 635+55 = 660.37' elevation.

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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ROUTE FAP 36 (US 36) DESCRIPTION Pipe Culvert, East of Harristown Blvd LOGGED BY E. Sandschafer
SECTION (13X)I-3 LOCATION NE 14, SEC. 13, TWP. 16 N, RNG. 1 E, 3 PM
COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. NA DRILLING METHOD D B U M
Station 058-pipeculv E L C O
P O S I
BORING NO. 2 T W S
Station 636+30 H S Qu T
Offset 55.00 ft
Ground Surface Elev. 665.34 ft (ft) (6") (tsf) (%)

6" shoulder mixture of crushed aggregate and clay.	664.84																					
Stiff to medium, damp, red/gray/black, CLAY.																						
			6																			
			7	5.1	12																	
			8	B																		
			4																			
			4	1.5	22																	
			6	PP																		
			2																			
			4	1.0	25																	
			4	B																		
			2																			
			3																			
			4	1.3	25																	
			4	B																		
			2																			
			3	0.7	23																	
			2	PP																		
			6																			
			10	4.4	12																	
			16	B																		
			7																			
			11	4.6	11																	
			14	B																		
			5																			

Hard, damp, gray, CLAY LOAM TILL (continued) 644.34 8 3.5 12
Extent of exploration. 11 B
Benchmark: BM 53 chiseled square on West end of South existing pipe culvert headwall, Sta 635+55 = 660.37' elevation.

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)