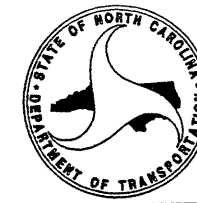




N.C.D.O.T. GEOTECHNICAL UNIT  
BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2301001		ID. B-3182		COUNTY Halifax		GEOLOGIST M. Potratz									
SITE DESCRIPTION Bridge # 145 over Hawtree Creek on SR 1333 Utility Investigation							GROUND WATER (ft)								
BORING NO. B-2		BORING LOCATION 15+50		OFFSET 16.0' RT	ALIGNMENT -L-		9/17/02 8.7								
ELEV. 214.1 ft		NORTHING 906,335.3		EASTING 2,310,542.6			9/18/02 4.1								
TOTAL DEPTH 21.70 ft		DRILL MACHINE CME 550		DRILL METHOD HSA		HAMMER TYPE Manual									
DATE STARTED 9/17/02		COMPLETED 9/17/02		SURFACE WATER DEPTH N/A											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
214.10													grass	214.1	0.0
	2.40	2	2	3							SS-2	22.7	ROADWAY EMBANKMENT FILL: Medium stiff, red-brown sandy SILT (A-4).		
210	5.60	2	2	3							M	209.1	ALLUVIAL SOIL: Gray, brown, sandy SILT (A-4).	5.9	
	8.00	4	5	7								204.6	WEATHERED ROCK: Gray METAMUDSTONE.	9.5	
205	10.20	100/0.5'									D				
	12.00	100/0.5'									D				
200	15.50	75	25/0.3'								D				
	17.30	100/0.3'									D				
195	19.50	100/0.3'									M				
														192.4	21.7
													Boring terminated at elevation 192.4 ft. by auger refusal on non-crystalline rock (metamudstone).		



N.C.D.O.T. GEOTECHNICAL UNIT  
BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2301001		ID. B-3182		COUNTY Halifax		GEOLOGIST M. Potratz								
SITE DESCRIPTION Bridge # 145 over Hawtree Creek on SR 1333							GROUND WATER (ft)							
BORING NO. EB2-A		BORING LOCATION 15+45		OFFSET 13.0' LT.	ALIGNMENT -L-		12/18/03 5.9							
ELEV. 214.4 ft		NORTHING 906,317.8		EASTING 2,310,511.8			12/19/03 3.3							
TOTAL DEPTH 29.50 ft		DRILL MACHINE CME 550		DRILL METHOD HSA		HAMMER TYPE Manual								
DATE STARTED 12/18/03		COMPLETED 12/18/03		SURFACE WATER DEPTH NA										
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100	
214.40													214.4	0.0
	3.50	2	3	7							W		ROADWAY EMBANKMENT FILL: Stiff, red-brown, sandy SILT (A-4) with wood pieces.	
210	5.60	2	3	7							W		ALLUVIUM: Stiff, blue, gray, sandy CLAY (A-6(7)).	5.5
	8.00	3	3	7							SS-4	25.2		
205	10.20	3	3	7									RESIDUAL: Hard, red-brown, sap., sandy SILT (A-4) with rock fragments.	10.5
	13.50	31	34	25							W			
200	15.50	75	25/0.3'								W			
	17.30	100/0.3'									W			
195	18.50	15	28	46							W			
	23.50	42	36	15							W			
190	28.70	25	75/0.3	25/0							W		WEATHERED ROCK: Gray METAMUDSTONE.	28.7
													184.9	29.5
													Boring terminated at Elev. 184.9 (29.5 feet) with auger refusal on NCR (METAMUDSTONE).	

NCDOT\_BORE\_HALIFAX.GPJ \_DOT.GDT 2/10/04

NCDOT\_BORE 70035084.GPJ NCDOT.GDT 2/10/04