



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

SHEET 1 OF 1

PROJECT NO. 8.2502001		ID. B-3885		COUNTY Orange		GEOLOGIST D. Goodnight									
SITE DESCRIPTION Bridge No. 174 Over Cane Creek on SR 1958							GROUND WATER (ft)								
BORING NO. EB1-A		BORING LOCATION 17+03.0		OFFSET 14.0 ft LT		ALIGNMENT -L-		0 HR. Dry							
COLLAR ELEV. 434.90 ft		NORTHING 792817.68		EASTING 1923553.48				24 HR. Dry							
TOTAL DEPTH 16.30 ft		DRILL MACHINE CME 55 ATV		DRILL METHOD 3.25 in. ID HSA		HAMMER TYPE 140 lb. Manual									
DATE STARTED 7/17/03		COMPLETED 7/17/03		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
434.9													434.9	0.00	
433.9	1.0														
431.4	3.5	3	2	2							SS-1	15.9			Roadway Embankment: Medium Stiff, Brown, Coarse to Fine Sandy, Silty CLAY with Gravel (A-6)
428.9	6.0	3	3	3							SS-2	23.2			
426.4	8.5	2	3	3							SS-3	27.3			
		3	7	8							SS-4	15.3			
421.4	13.5	15	85/2												Residual: Stiff, Brown, Coarse to Fine Sandy SILT with Rock Fragments (A-4)
418.6	16.3														Weathered Rock: Tan, Metavolcanic
		60/0													Boring Terminated with SPT Refusal at 16.3 feet (Elev. 418.6) on Crystalline Rock (Tan Metavolcanic Rock)



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PROJECT NO. 8.2502001		ID. B-3885		COUNTY Orange		GEOLOGIST D. Goodnight									
SITE DESCRIPTION Bridge No. 174 Over Cane Creek on SR 1958							GROUND WATER (ft)								
BORING NO. EB1-B		BORING LOCATION 16+88.0		OFFSET 12.0 ft RT		ALIGNMENT -L-		0 HR. Dry							
COLLAR ELEV. 434.90 ft		NORTHING 792830.34		EASTING 1923580.98				24 HR. Dry							
TOTAL DEPTH 12.60 ft		DRILL MACHINE CME 55 ATV		DRILL METHOD 3.25 in. ID HSA		HAMMER TYPE 140 lb. Manual									
DATE STARTED 7/18/03		COMPLETED 7/18/03		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
434.9													434.9	0.00	
433.9	1.0														
431.4	3.5	6	11	9							SS-5	14.2			Roadway Embankment: Very Stiff to Stiff, Brown, Coarse to Fine Sandy SILT with Gravel (A-4)
428.9	6.0	6	8	10							SS-6	16.4			
426.4	8.5	5	4	6											
		6	6	7											
422.4	12.5														Residual: Stiff, Brown, Coarse to Fine Sandy SILT with Rock Fragments (A-4)
		60/1													Weathered Rock: Brown, Metavolcanic
															Boring Terminated with SPT Refusal at 12.6 feet (Elev. 422.3) on Crystalline Rock (Metavolcanic)

NCDOT BORE SINGLE 07103020.GPJ NC_DOT.GDT 8/18/03

DOT E NGLF 07103020.GPJ NC_DOT.GDT 8/18/03