

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 33375.1.1		ID. B-4007		COUNTY ALLEGHANY		GEOLOGIST TJ ROBERSON						
SITE DESCRIPTION DETOUR BRIDGE OVER CRAB CREEK ON NC 18							GROUND WATER					
BORING NO. EB1-B-DET		BORING LOCATION 12+79.0		OFFSET 10.0 RT		ALIGNMENT -DET-						
COLLAR ELEVATION 2418.4		NORTHING 1024459.8		EASTING 1411502.8		0 HR. 14.2 24 HR. 12.0						
TOTAL DEPTH 21.5		DRILL MACHINE CME 550X		DRILL METHOD HSA 2.25 INCH ID		HAMMER TYPE 140LB. AUTO						
START DATE 06-07-05		COMPLETION DATE 06-07-05		SURFACE WATER DEPTH NA		DEPTH TO ROCK 21.5						
ELEV.	DEPTH (FT.)	BLOW COUNT			BLOWS PER FOOT				SAMP. NUM.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'	0	25	50	75				100
2418.4											2418.4 0.0	ARTIFICIAL FILL: Very Loose Brown, Micaceous Silty Fine to Coarse SAND, Moist, (A-2-4)
2415.0	3.5	2	1	1	1.5					SS-10 M		
2410.0	8.5	11	25	23	1.5			48		W	2412.4 6.0	ALLUVIUM: Dense Tan, Slightly Silty, Fine to Coarse SAND, Wet, (A-2-4) NOTE: Cobbles observed in Auger Cuttings
2405.0	13.5	60/1			0.1			60/0.1		D	2406.9 11.5	CRYSTALLINE ROCK- Tan, White, Muscovite Biotite Gneiss Dry, (CR)
2400.0	18.5	60/0			0.0			60/0.0		D		
2395.0	21.5	60/0			0.0			60/0.0			2396.9 21.5	BORING TERMINATED WITH STANDARD PENETRATION TEST REFUSAL AT ELEVATION 2396.9 FEET IN CRYSTALLINE ROCK (MUSCOVITE BIOTITE GNEISS)