

# 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 BRIDGE NO.38 OVER CRAB CREEK ON NC 18							GROUND WATER							
BORING NO. EB2-A		BORING LOCATION 17+90.0		OFFSET 8.0 LT		ALIGNMENT -L-								
COLLAR ELEVATION 2424.8		NORTHING 1024912.5		EASTING 1411722.8		0 HR. DRY								
TOTAL DEPTH 20.3		DRILL MACHINE CME 550X		DRILL METHOD HSA 2.25 INCH ID		HAMMER TYPE 140LB. AUTO								
START DATE 06-08-05		COMPLETION DATE 06-08-05		SURFACE WATER DEPTH NA		DEPTH TO ROCK 20.3								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMP. NUM.	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75					100
2424.8														2424.8 ROADWAY EMBANKMENT FILL- Loose to Very Loose, Brown, Slightly Micaceous, Silty, Fine to Coarse SAND, Moist (A-2-4) 0.0
	3.5	5	3	4	1.5								M	
2420.0														
	8.5	2	2	1	1.5								SS-5	M
2415.0														
	13.5	7	11	54	1.5								SS-6	M
2410.0														
	18.5	20	80/4		0.9									
2405.0														
	20.3	60/0			0.0									
2400.0														
BORING TERMINATED WITH STANDARD PENETRATION TEST REFUSAL AT ELEVATION 2404.5 FEET ON CRYSTALLINE ROCK (MUSCOVITE BIOTITE GNEISS)														

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SHEET 1 OF 1

PROJECT NO. 33375.1.1		ID. B-4007		COUNTY ALLEGHANY		GEOLOGIST TJ ROBERSON								
SITE DESCRIPTION BRIDGE NO.38 OVER CRAB CREEK ON NC 18							GROUND WATER							
BORING NO. EB2-B		BORING LOCATION 17+79.0		OFFSET 15.0 RT		ALIGNMENT -L-								
COLLAR ELEVATION 2424.3		NORTHING 1024889.6		EASTING 1411722.8		0 HR. DRY								
TOTAL DEPTH 13.9		DRILL MACHINE CME 550X		DRILL METHOD HSA 2.25 INCH ID		HAMMER TYPE 140LB. AUTO								
START DATE 06-08-05		COMPLETION DATE 06-08-05		SURFACE WATER DEPTH NA		DEPTH TO ROCK 13.9								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMP. NUM.	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75					100
2424.3														2424.3 ROADWAY EMBANKMENT FILL- Loose, Gray, Brown, Slightly Micaceous Silty Fine to Coarse SAND, Moist, (A-2-4) 0.00
	3.5	1	2	3	1.5								SS-7	M
2420.0														
	8.5	100/5			0.5									
2415.0														
	13.5	60/1			0.1									
2410.0														
	13.9	60/0			0.0									
BORING TERMINATED WITH STANDARD PENETRATION TEST REFUSAL AT ELEVATION 2410.4 FEET ON CRYSTALLINE ROCK (MUSCOVITE BIOTITE GNEISS)														