

160F36

DATE 12 Sept '00

**CORE BORING REPORT**

PROJECT: 8.2860401 I. D. NO: B-2583 BORING NO: B1-B GEOLOGIST: C. A. Dunnagan

DESCRIPTION: Bridge on School Drive over French Broad River

COUNTY: Madison COLLAR ELEVATION: 494.76 m TOTAL DEPTH: 5.32 m

ELEV. (m)	DEPTH (m)	DRILL RATE MIN./3 m	RUN (m)	REC. METERS %	RQD. METERS %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
493.82	0.94		1.40	1.38	1.22		Very sli weath to fresh, interlayers of gry bio gneiss, lt gry granite gneiss and dk green-gry amphibolite. Trace pyrite. Occ highly folded. a) 4 parts along fol @ 30°- 50°, ADS=0.25m ADT<0.001m. b) 1 jnt @ 10°, ADS=NA ADT<0.001m. c) Run-time = 12.60min.
				99	87		
492.42	2.34		1.49	1.43	1.34		Very sli weath to fresh dk grn-gry amph gneiss w/ interlayers of biotite and granite gneiss. Occ highly folded w/ tr pyrite. a) 5 parts along fol @ 40°, ADS=0.09m ADT<0.001m. b) Run-time = 15.30min.
492.42	2.34			96	90	RS-2	
490.93	3.83		1.49	1.48	1.30		Interlayers of lt gry granite gneiss, gry biotite gneiss and dk grn-gry amphibolite gneiss. Tr pyrite and augen. a) 3 jnts @ 60°, ADS=0.39m ADT<0.001m. b) 2 parts along fol @ 55°, ADS=0.63m ADT<0.001m. c) Run-time = 15.60min.
490.93	3.83			99	87		
489.44	5.32						

CORING TERMINATED AT  
ELEVATION 489.44 m

DRILLER: W. A. Gosnell CORE SIZE: NXWL EQUIPMENT: CME-550