

CORE BORING REPORT							DATE <u>12 Sept '00</u>
PROJECT: <u>8.2860401</u> I. D. NO: <u>B-2583</u> BORING NO: <u>B1-A</u> GEOLOGIST: <u>C. A. Dunnagan</u>							
DESCRIPTION: <u>Bridge on School Drive over French Broad River</u>							
COUNTY: <u>Madison</u> COLLAR ELEVATION: <u>494.96</u> m TOTAL DEPTH: <u>5.57</u> m							
ELEV. (m)	DEPTH (m)	DRILL RATE MIN./3 m	RUN (m)	REC. METERS %	RQD. METERS %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
493.67	1.29		1.30	1.29	1.19	RS-1	Very sli weath, gray biotite gneiss w/ garnets. Trace pyrite and epidote. a) 4 parts along fol @ 45°, ADS=0.36m ADT<0.001m. b) 3 jnts @ 35°, ADS=0.28m ADT<0.001m. c) Run-time = 13.35min.
				99	92		
492.37	2.59		1.49	1.35	1.22		Gray biotite gneiss interlayered w/ dk green-gray amphibolite gneiss. Sli weath w/ trace of pyrite & chalcopyrite. (a) 1 jnt @ 10°, ADS=NA ADT<0.001m. b) 1 jnt @ 55°, ADS=NA ADT<0.001m. (c) 8 parts along fol @ 40°, ADS=0.06m, ADT<0.001m. (d) 1 part along fol @ 20°, ADS=NA ADT<0.001m. e) Run-time = 15.13min.
492.37	2.59			91	82		
490.88	4.08		1.49	1.46	1.46		Very sli weath gry biotite-granite gneiss w/ occ interlayers of dk grn-gry amph gneiss. Tr pyrite. (a) 1jnt @ 60°, ADS=NA ADT<0.001m. b) 1 part along fol @ 60°, ADS=NA ADT<0.001m. c) 7 parts along fol @ 35°, ADS=0.21m ADT<0.001m. d) Run-time = 15.63min.
490.88	4.08			98	98		
489.39	5.57						
CORING TERMINATED AT ELEVATION <u>489.39</u> m							
DRILLER: <u>W. A. Gosnell</u> CORE SIZE: <u>NXWL</u> EQUIPMENT: <u>CME-550</u>							