

DATE 14 Sept '00

CORE BORING REPORT

PROJECT: 8.2860401 I. D. NO: B-2583 BORING NO: EB1-B GEOLOGIST: C. A. Dunnagan

DESCRIPTION: Bridge on School Drive over French Broad River

COUNTY: Madison COLLAR ELEVATION: 498.35 m TOTAL DEPTH: 8.62 m

ELEV. (m)	DEPTH (m)	DRILL RATE MIN./3 m	RUN (m)	REC. METERS %	RQD. METERS %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
493.69	4.66		0.98	0.92	0.82		Sli to v sli weath, gray granite-biotite gneiss w/ garnets and tr pyrite. Highly folded in small zones. a) 1 jnt @ 10°, ADS=NA ADT<0.001m. b) 3 parts along fol @ 40°- 60°, ADS=0.37m ADT<0.001m. c) Run-time = 9.13min.
492.71	5.64			94	84		
492.71	5.64		1.49	1.46	1.01		Very sli weath, dk gry bio-amph gneiss w/ interlayers of lt gry granite gneiss. Mod amount epidote; tr pyrite. Highly folded in small zones. Occ garnets. a) 6 parts along fol @ 50°, ADS=0.14m ADT<0.001m. (b) 1 jnt @ 60°, ADS=NA ADT<0.001m. (c) 1 fault @ 60°, ADS=NA ADT=0.001m with quartz infilling. (d) Run-time = 13.68min.
491.22	7.13			98	68		
491.22	7.13		1.49	1.48	1.44		Very sli weath dark gray biotite-amphibolite gneiss w/ occ interlayers of lt gray granite gneiss. a) 3 parts along fol @ 30°, ADS=0.16m ADT<0.001m. b) Run-time = 14.35min.
489.73	8.62			99	97		

CORING TERMINATED AT
ELEVATION 489.73 m

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