

DATE 14 Sept '00

### CORE BORING REPORT

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

DESCRIPTION: Bridge on School Drive over French Broad River

COUNTY: Madison COLLAR ELEVATION: 498.43 m TOTAL DEPTH: 9.56 m

ELEV. (m)	DEPTH (m)	DRILL RATE MIN./3 m	RUN (m)	REC. METERS %	RQD. METERS %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
492.79	5.64		0.94	0.87	0.73		Sli to very sli weath, biotite-amphibolite gneiss w/ layers if granite gneiss. Trace of garnets, epidote and pyrite. Light gray to gray. a) 3 partings along foliation @ 50°, ADS=0.34m ADT<0.001m. b) Run-time = 8.02min.
				93	78		
491.85	6.58		1.49	1.43	1.19		Lt gray granite gneiss grading to dk gray biotite-amph gneiss. Trace to moderate amount pyrite. Occasional augens; slightly folded. a) 1 jnt @ 55°, ADS=NA ADT<0.001m. b) 2 parts along fol @ 55°, ADS=0.37m ADT<0.001m. c) Run-time = 13.85min.
491.85	6.58			96	80		
490.36	8.07		1.49	1.45	1.35		V sli weath to fresh, dark green-gray amphibolite-biotite gneiss w/ occ lt gray granite gneiss interlayers. Trace pyrite and epidote. a) 2 parts along fol @ 50°, ADS=0.19m ADT<0.001m. b) Run-time = 14.30min.
490.36	8.07			97	91		
488.87	9.56						

CORING TERMINATED AT  
ELEVATION 488.87 m

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