

CORE BORING REPORT

DATE 12 Sept '00

PROJECT: 8.2860401 I. D. NO: B-2583 BORING NO: B2-A GEOLOGIST: C. A. Dunnagan

DESCRIPTION: Bridge on School Drive over French Broad River

COUNTY: Madison COLLAR ELEVATION: 494.73 m TOTAL DEPTH: 5.88 m

ELEV. (m)	DEPTH (m)	DRILL RATE MIN./3 m	RUN (m)	REC. METERS %	RQD. METERS %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
494.22	0.51		1.49	1.48	1.37		Very sli weath gry bio-gran gneiss w/ occ interlayers of dk grn-gry amphibolite. Pyrite and trace chalcopyrite along foliation. a) 4 parts along fol @ 45°, ADS=0.11m ADT<0.001m. b) Run-time = 13.13min.
				99	92		
492.73	2.00		1.49	1.49	1.49	RS-3	Fresh, gray biotite and granite gneiss w/ dk grn-gry amphib gneiss from 2.20m to 2.53m. Pyrite along fol w/ tr chalcopyrite and bornite. a) 1 part along fol @ 40°, ADS=NA ADT<0.001m. b) Run-time = 15.65min.
492.73	2.00			100	100		
491.24	3.49		1.49	1.49	1.40		Very sli weath to fresh granite gneiss w/ interlayers of biotite and amphibolite gneiss. Trace pyrite. a) 2 parts along fol @ 40°, ADS=0.68m ADT<0.001m. b) Run-time = 16.47min.
491.24	3.49			100	94		
489.75	4.98		0.90	0.87	0.87		Fresh, medium drk gray biotite-granite gneiss. a) Run-time = 8.68min.
489.75	4.98			97	97		
488.85	5.88						

CORING TERMINATED AT
ELEVATION 488.85 m

DRILLER: W. A. Gosnell

CORE SIZE: NXWL

EQUIPMENT: CME-550