

220P36

SHEET 1 OF 1

DATE 15 Sept '00

CORE BORING REPORT

PROJECT: 8.2860401 I. D. NO: B-2583 BORING NO: EB2-A GEOLOGIST: C. A. Dunnagan

DESCRIPTION: Bridge on School Drive over French Broad River

COUNTY: Madison COLLAR ELEVATION: 502.27 m TOTAL DEPTH: 13.10 m

ELEV. (m)	DEPTH (m)	DRILL RATE MIN./3 m	RUN (m)	REC. METERS %	RQD. METERS %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
493.31	8.96		1.16	1.10	0.89		V sli weath, lt gry gran gneiss. Weakly foliated w/ tr pyrite. a) 6 parts along fol @ 35°- 55°, ADS=0.15m ADT<0.001m. b) 1 jnt @ 30°, ADS=NA ADT<0.001m. c) Run-time = 12.30min.
				95	77		
492.15	10.12						
492.15	10.12		1.49	1.49	1.43		V sli weath to fresh, gry biotite-granite gneiss. Trace to moderate amount of pyrite along foliation. a) 5 parts along fol @ 50°, ADS=0.13m ADT<0.001m. b) Run-time = 12.63min.
				100	96		
490.66	11.61						
490.66	11.61		1.49	1.10	1.10(?)		Core barrel malfunction: RQD's and discontinuities uncertain. Lt gry granite gneiss w/ biotite-rich layers. Occ garnets and trace pyrite. Very slightly weathered to fresh. a) Run-time = NA.
				74	#####		
489.17	13.10						

CORING TERMINATED AT
ELEVATION 489.17 m

DRILLER: W. A. Gosnell

CORE SIZE: NXWL

EQUIPMENT: CME-550