

DATE 1/28/04

CORE BORING REPORT

PROJECT: 8.1910203 I. D. NO: R-0977A BORING NO: B2-A GEOLOGIST: TB DANIEL
 DESCRIPTION: BRIDGE ON -LC1B- (US 64) OVER -HIWASSEE RIVER 16+53.145 0.598 LT -LC1B-
 COUNTY: CHEROKEE COLLAR ELEVATION: 465.08 m TOTAL DEPTH: 19.17 m

ELEV. (m)	DEPTH (m)	DRILL RATE MIN./3 m	RUN (m)	REC. METERS %	RQD. METERS %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
460.24	4.84		0.65	0.44	0.00		4.84 - 9.44 MODERATE TO SLIGHTLY WEATHERED, MEDIUM TO MODERATELY HARD PHYLLITE. BREAKS ON FOLIATION AT 40 TO 65 DERGEES. NUMEROUS BREAKS WITH RUST STAINS.
459.59	5.49			68	0		
459.59	5.49		1.52	1.40	0.82		
458.07	7.01			92	54		FOR THE MOST PART FROM 9.44 - 19.17 HARD FRESH PHYLLITE
458.07	7.01		1.52	1.40	0.73		
456.55	8.53			92	48		
456.55	8.53		1.37	1.30	0.64		12.8 - 12.93 MODERATE WEATHERING
455.18	9.90			95	47		
455.18	9.90		1.67	1.67	1.47		
453.51	11.57			100	88		
453.51	11.57		1.36	0.90	0.67		
452.15	12.93			66	49		

CORING TERMINATED AT
ELEVATION 445.91 m

DRILLER: JT WILLIAMS CORE SIZE: NWD-4 EQUIPMENT: CME-550

SHEET 16 OF 33

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452.15	12.93		1.46	1.44	1.33		FRESH AND HARD PHYLLITE. ALL MACHINE BREAKS 14.05 - 17.62
450.69	14.39			99	91		
450.69	14.39		1.74	1.74	1.74		
448.95	16.13			100	100		
448.95	16.13		1.49	1.38	1.38		
447.46	17.62			93	93		
447.46	17.62		1.55	0.35	0.19		
445.91	19.17			23	12		

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