

CORE BORING REPORT

PROJECT: 8.1910203 I. D. NO: R-0977A BORING NO: B1-A GEOLOGIST: TB DANIEL
 DESCRIPTION: BRIDGE ON -LC1B- (US 64) OVER -HIWASSEE RIVER 15+52.145 0.598 LT -LCIB-
 COUNTY: CHEROKEE COLLAR ELEVATION: 464.37 m TOTAL DEPTH: 16.37 m

ELEV. (m)	DEPTH (m)	DRILL RATE MIN./3 m	RUN (m)	REC. METERS %	RQD. METERS %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
460.82	3.55		0.94	0.00	0.00		3.62 - 5.00 WEATHERED ROCK WITH SAPROLITE SEAMS AND CRUSTS OF SEVERELY WEATHERED CRYSTALLINE ROCK. WEATHERED PHYLLITE.
459.88	4.49			0	0		
459.88	4.49		1.52	0.86	0.00		5.00 -12.09 RUBBLE OF PHYLLITE, METASANDSTONE AND VEIN QUARTZ
458.36	6.01			57	0		
458.36	6.01		1.52	0.60	0.00		SEVERE TO VERY SEVERE WEATHERING, VERY SOFT TO SOFT. SOIL ZONES. RUST AND MN OXIDE STAINS IN FRACTURES AND BREAKS.
456.84	7.53			39	0		
456.84	7.53		1.52	1.28	0.00		BEDDING 30 - 45 DEGREES.
455.32	9.05			84	0		
455.32	9.05		1.52	0.83	0.00		
453.80	10.57			55	0		
453.80	10.57		1.52	1.10	0.00		
452.28	12.09			72	0		

CORING TERMINATED AT
ELEVATION 448.00 m

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

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452.28	12.09		1.34	1.25	0.60		SAME ROCK WITH DISTINCTLY DIFFERENT WEATHERING.
450.94	13.43			93	45		
450.94	13.43		1.50	1.37	0.96		FRESH AND HARD PHYLLITE. BEDDING 35 - 45 DEGREES. RUST AND MN OXIDE STAINS ON BEDDING BREAKS
449.44	14.93			91	64		
449.44	14.93		1.44	1.44	1.39		
448.00	16.37			100	97		

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