NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1650401	ID B-1019	COUNTY ANSON	GEOLOGIST J.K. STICKNEY	
SITE DESCRIPTION REPLACE BRIDGE #56 ON US 52 OVER WINSTON-SALEM SOUTHBOUND RR				GND WATER
BORING NO B1-B	NORTHING 0.00	EASTING 0.00		0 HR 1.10m
ALIGNMENT L	BORING LOCATION 14+75.000	OFFSET 3.30m RT		24 HR 1.30m
COLLAR ELEV 86.57m	TOTAL DEPTH 10.63m	START DATE 2/12/02	COMPLETION DATE 02/14/02	
DRILL MACHINE CME-550	DRILL METHOD CORE BORING		HAMMER TYPE AUTOMATIC	
SURFACE WATER DEPTH	DEPTH TO ROCK 9.25m		Log B1-B, Page 1 of 1	

ELEV	DEPTH	BLOW CT 15cm	15cm	15cm	PEN (m)	BLOWS PER 30cm 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
86.57						Ground Surface				
86.00	1.42	4	5	6	0.30	11		MOIST		RESIDUAL - STIFF TO HARD RED-BROWN SANDY SILTY CLAY
84.00	2.94	15	25	35	0.30	60	SS-3	DRY		HARD RED-BROWN SANDY SILTY CLAY
82.00	4.47	13	14	23	0.30	37				
	5.99	78	22		0.19	100				WEATHERED ROCK (SANDY SILT)
80.00	7.52	100			0.11	100				
78.00	9.04	100			0.70	100	RUN #1			RED-BROWN MODERATELY HARD, SLIGHTLY WEATHERED TO FRESH TRIASSIC ROCK WITH VERY CLOSE TO CLOSE FRACTURES REC=97% RQD=72%
76.90	9.74					CORING TERMINATED AT ELEVATION 75.938 METERS IN TRIASSIC ROCK				

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO: 8.1650401 **PROJECT ID:** B-1019 **COUNTY:** ANSON
SITE DESCRIPTION: REPLACE BRIDGE #56 ON US 52 OVER WINSTON-SALEM SOUTH RR
BORING NO: B1-B **BORING LOCATION (STA):** 14+75
COLLAR ELEV: 86.57 **PERSONNEL:** C.E. BURRIS
TOTAL DEPTH: 10.63 **DRILL MACHINE:** CME-550
TOTAL RUN: 1.38 **DRILL EQUIP:** TRICONE, NXWL

GEOLOGIST: J.K. STICKNEY
DRILLER: R.S. HINSON
OFFSET: 3.3
CORE SIZE: NXWL
DATE STARTED: 02-12-02
DATE COMPLETED: 02-14-02

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/.3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
77.32	9.25		1	97	72	RS-1	RED-BROWN MODERATELY HARD, SLIGHTLY WEATHERED TO FRESH, TRIASSIC MUDSTONE WITH VERY CLOSE TO CLOSE FRACTURE SPACING
75.94	10.63						

NOTES