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 B2-B	NORTHING 0.00	EASTING 0.00		0 HR 0.80m
ALIGNMENT L	BORING LOCATION 15+07.000	OFFSET 4.80m RT		24 HR 2.90m
COLLAR ELEV 84.47m	TOTAL DEPTH 6.36m	START DATE 2/18/02	COMPLETION DATE 02/18/02	
DRILL MACHINE CME-550	DRILL METHOD SPT CORE BORING		HAMMER TYPE AUTOMATIC	
SURFACE WATER DEPTH	DEPTH TO ROCK 1.79m		Log B2-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
84.47						Ground Surface				
84.00										RESIDUAL - VERY STIFF TO HARD RED-BROWN CLAYEY SANDY SILT
	1.47	25	64	36	0.30	100	SS-8 RUN #1	DRY		WEATHERED ROCK (SANDY SILT)
82.00							RUN #2			RED-BROWN SOFT TO MOD. HARD, MOD. WEATHERED TRIASSIC ROCK WITH CLOSE TO MOD. CLOSE FRACTURES REC=50% RQD=40%
80.00							RUN #3			RED-BROWN V. SOFT TO SOFT, SEV. WEATHERED TO MOD. SEV. WEATHERED TRIASSIC W/ V. CLOSE TO CLOSE FRACTURES REC=95% RQD=10%
78.11						CORING TERMINATED AT ELEVATION 78.11 METERS IN TRIASSIC ROCK				AS ABOVE REC=90% RQD=10%

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

PROJECT NO: 8.1650401 **PROJECT ID:** B-1019 **COUNTY:** ANSON **GEOLOGIST:** J.K. STICKNEY
SITE DESCRIPTION: REPLACE BRIDGE #56 ON US 52 OVER WINSTON-SALEM SOUTH RR **DRILLER:** R.S. HINSON
BORING NO: B2-B **BORING LOCATION (STA):** 15+07 **OFFSET:** 4.8 RT
COLLAR ELEV: 84.47 **PERSONNEL:** C.E. BURRIS **CORE SIZE:** NXWL
TOTAL DEPTH: 6.36 **DRILL MACHINE:** CME-550 **DATE STARTED:** 02-18-02
TOTAL RUN: 4.56 **DRILL EQUIP:** TRICONE, NXWL **DATE COMPLETED:** 02-18-02

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/.3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
82.67	1.8		1	50	40		RED-BROWN SOFT TO MODERATELY HARD, MODERATELY WEATHERED TRIASSIC MUDSTONE WITH VERY CLOSE TO CLOSE FRACTURE SPACING
81.15	3.32		2	95	10		RED-BROWN VERY SOFT TO SOFT, SEVERELY WEATHERED TO MODERATELY SEVERELY WEATHERED TRIASSIC MUDSTONE WITH VERY CLOSE TO CLOSE FRACTURE SPACING
79.63	4.84		3	90	10		AS ABOVE
78.11	6.36						

NOTES