NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2843901	ID B-3614	COUNTY BUNCOMBE	GEOLOGIST P.Q.LOCKAMY
SITE DESCRIPTION BR. NO.300 ON SR.1141 OVER HOMINY CREEK			GND WATER
BORING NO EB1-A	NORTHING 0.00	EASTING 0.00	0 HR N/A
ALIGNMENT -L-	BORING LOCATION 14+02.000	OFFSET 15.00ft LT	24 HR 5.50ft
COLLAR ELEV 2172.33ft	TOTAL DEPTH 18.30ft	START DATE 9/19/08	COMPLETION DATE 09/19/02
DRILL MACHINE CME-550 X	DRILL METHOD SPT CORE BORING		HAMMER TYPE AUTOMATIC
SURFACE WATER DEPTH N/A	DEPTH TO ROCK 9.90ft		Log EB1-A, Page 1 of 1

ELEV	DEPTH	BLOW CT 6in	BLOW CT 6in	BLOW CT 6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
2172.33						Ground Surface				
2170.00										ALLUVIUM: BROWN SILTY SAND
	4.10	4	3	6	1.5	9	SS-4			
	9.10	7	50		0.6	57				ALLUVIUM: SAND GRAVEL W/ COBBLES AND BOULDERS
2160.00										WEATHERED ROCK CORE 1 REC=100% RQD=100% CORE 2 REC=100% RQD=90%
2154.03						CORE TERMINATED AT ELEVATION 2154.0 FEET IN MEGMATITE GNEISS				

SHEET 6 OF 16

DATE 8/19/02

CORE BORING REPORT

PROJECT: 8.2843901 I. D. NO: B-3614 BORING NO: EB1-A GEOLOGIST: PQ LOCKAMY

DESCRIPTION: BUNCOMBE COUNTY BRIDGE # 300 ON SR-1141 OVER HOMINY CREEK

COUNTY: BUNCOMBE COLLAR ELEVATION: 2172.3 FT. TOTAL DEPTH: 18.3 FT.

ELEV. (FEET)	DEPTH (FEET)	DRILL RATE MIN./FT.	RUN (FEET)	REC. FEET %	RQD. FEET %	SAMP. #	FIELD CLASSIFICATION AND REMARKS
2162.4	9.9		3.4	3.4 100	3.4 100		BANDED GNEISS AND SOME LAYERED GNEISS. HARD AND FRESH
2159.0	13.3		5.0	5.0 100	4.5 90		BANDED GNEISS AND SOME LAYERED GNEISS. HARD AND FRESH. TWO NATURAL BREAKS.
2154.0	18.3						

CORING TERMINATED AT ELEVATION 2154.0 FT.

DRILLER: DO CHEEH CORE SIZE: NX EQUIPMENT: CME 550