NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33465.1.1	**ID.** B-4110	**COUNTY** DURHAM	**GEOLOGIST** J. L. PEDRO
SITE DESCRIPTION BRIDGE NO. 5 ON -L- (SR 1616) OVER MOUNTAIN CREEK			**GROUND WATER**
BORING NO. BI-B	**BORING LOCATION** 17+72	**OFFSET** CL	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 385.2'	**NORTHING** 874381	**EASTING** 2028850	**24 HR.** 9.5'
TOTAL DEPTH 26.2'	**DRILL MACHINE** CME-550	**DRILL METHOD** N-CASING	**HAMMER TYPE** AUTOMATIC
START DATE 5/27/05	**COMPLETION DATE** 5/27/05	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 25.7'

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
385.2										
385.0										
	3.1	1	1	2	1.0	X 3	SS-12	M		ROADWAY EMBANKMENT, ORANGE, SANDY SILTY CLAY
380.0	5.6	WOH	WOH	1	1.0	X 1		M		
	8.1	1	2	4	1.0	X 6		M ▼		
375.0	10.6	1	2	1	1.0	X 3	SS-13	M		ALLUVIAL, GRAY, SILTY CLAY WITH LITTLE ORGANICS
	13.1	2	9	7	1.0	X 16		M		
370.0	15.6	14	12	27	1.0	X 39	SS-14	M		BROWN AND GREEN, SAND WITH WEATHERED FRAGMENTS
	18.1	35	65		0.7	100+ X				RESIDUAL, SAPROLITIC, TAN AND GREEN, SANDY SILT
365.0	20.6	42	58		0.9	100+ X				WEATHERED ROCK (METAVOLCANIC TUFF)
360.0	25.6	60/0.1'			0.1	60/0.1' X				CRYSTALLINE ROCK (METAVOLCANIC TUFF)
355.0						CASING REFUSAL AT ELEVATION 359.0-FEET-IN CRYSTALLINE ROCK (METAVOLCANIC TUFF)				
350.0										
345.0										
340.0										
335.0										
330.0										
325.0										
320.0										
315.0										
310.0										