

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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SHEET 1 OF 1

(7)

PROJECT NO. 8.2312501	ID. B-3670	COUNTY JOHNSTON	GEOLOGIST K. B. QUICK				
SITE DESCRIPTION BRIDGE NO. 448 ON SR 1229 OVER BERNAL CREEK			GROUND WATER				
BORING NO. EB2-A	BORING LOCATION 15+67	OFFSET 8.0' LT.	ALIGNMENT -L-				
COLLAR ELEVATION 132.4'	NORTHING 0.00	EASTING 0.00	24 HR. 4.6'				
TOTAL DEPTH 43.2'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC				
START DATE 3/18/03	COMPLETION DATE 3/18/03	SURFACE WATER DEPTH N/A					
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5' 1.0' 1.5' 2.0'	0	25 50 75 100			
132.4	0.0	6	6	8	1		TAN BROWN SILTY FINE TO COARSE SAND, MOI. (FILL)
130.0	4.2	1	1	1	1		TAN BROWN FINE SANDY SILT, MOI. TO WET (ALLUVIUM)
125.0	8.1	6	9	18	1		BROWN FINE TO COARSE SAND, SAT.
120.0	13.1	16	25	41	1		GRAY GREEN SILTY FINE SANDY CLAY, WET (RESIDUAL SOIL)
115.0	18.1	17	38	59	1		WEATHERED CHLORITE PHYLLITE
110.0	23.1	38	65	35	0.8		GRAY GREEN FINE SANDY SILT, WET (SAPROLITE)
105.0	28.1	16	18	19	1		WEATHERED CHLORITE PHYLLITE
100.0	33.1	45	48	52	0.9		GRAY GREEN FINE SANDY SILT, WET (SAPROLITE)
95.0	38.1	90	58	36	1		WEATHERED CHLORITE PHYLLITE
90.0	43.1	60			0.1		WEATHERED CHLORITE PHYLLITE
BORING TERMINATED AT ELEV. 89.2 FEET IN WEATHERED CHLORITE PHYLLITE							

PROJECT NO. 8.2312501	ID. B-3670	COUNTY JOHNSTON	GEOLOGIST K. B. QUICK				
SITE DESCRIPTION BRIDGE NO. 448 ON SR 1229 OVER BERNAL CREEK			GROUND WATER				
BORING NO. EB2-B	BORING LOCATION 15+67	OFFSET 8.0' RT.	ALIGNMENT -L-				
COLLAR ELEVATION 132.4'	NORTHING	EASTING	24 HR. 4.5'				
TOTAL DEPTH 29.6'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC				
START DATE 3/19/03	COMPLETION DATE 3/19/03	SURFACE WATER DEPTH					
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5' 1.0' 1.5' 2.0'	0	25 50 75 100			
132.4	0.0						TAN BROWN SILTY FINE TO COARSE SAND, MOI. TO SAT. (FILL)
130.0	4.2	4	4	4	1		TAN BROWN FINE TO COARSE SAND, SAT. (ALLUVIUM)
125.0	8.1	10	17	26	1		GRAY GREEN SILTY FINE SANDY CLAY, WET (RESIDUAL SOIL)
120.0	13.1	16	25	40	1		WEATHERED CHLORITE PHYLLITE
115.0	18.1	28	37	34	1		GRAY GREEN FINE SANDY SILT, WET (SAPROLITE)
110.0	23.1	35	45	55	0.9		WEATHERED CHLORITE PHYLLITE
105.0	28.1	19	35	55	1		GREEN GRAY SANDY SILT, WET (SAPROLITE)
BORING TERMINATED AT ELEV. 102.8 FEET IN HARD SANDY SILT							