

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2291001		ID. B-3639		COUNTY EDGECOMBE		GEOLOGIST R. L. EDWARDS, III								
SITE DESCRIPTION BRIDGE NO. 60 ON SR 1223 OVER COKEY SWAMP							GROUND WATER							
BORING NO. B2-B		BORING LOCATION 17+77		OFFSET 6.0' RT.		ALIGNMENT -L-								
COLLAR ELEVATION 58.0'		NORTHING		EASTING		0 HR. N.M. 24 HR. N.M.								
TOTAL DEPTH 54.7'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 7/3/02		COMPLETION DATE 7/3/02		SURFACE WATER DEPTH 5.2'										
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
58.0	0.0	WOH	WOH	WOH	1									
55.0	3.5	1	1	2	1									GRAY FINE TO COARSE SAND, SAT. (ALLUVIUM)
50.0	8.2	5	7	10	1									GREEN GRAY F. TO CSE. SAND WITH SHELL FRAGMENTS, SAT. (YORKTOWN FORMATION)
45.0	13.2	7	9	12	1									GRAY CLAYEY SILTY SAND AND FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION)
40.0	18.2	3	4	7	1									
35.0	23.2	9	8	13	1									SS-31
30.0	28.2	18	23	22	1									SS-32
25.0	33.2	20	28	37	1									GRAY RED BROWN SANDY AND SILTY CLAY, WET (GRANITIC SAPROLITE)
20.0	38.2	19	20	27	1									
15.0	43.2	18	20	26	1									SS-34
10.0	48.2	12	15	18	1									SS-35
5.0	53.2	11	13	19	1									
BORING TERMINATED AT ELEV. 3.3 FEET IN HARD SANDY CLAY														

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2291001		ID. B-3639		COUNTY EDGECOMBE		GEOLOGIST R. L. EDWARDS, III								
SITE DESCRIPTION BRIDGE NO. 60 ON SR 1223 OVER COKEY SWAMP							GROUND WATER							
BORING NO. EB2-A		BORING LOCATION 18+17		OFFSET 17.0' LT.		ALIGNMENT -L-								
COLLAR ELEVATION 73.1'		NORTHING		EASTING		0 HR. N.M. 24 HR. 10.1								
TOTAL DEPTH 59.9'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 6/27/02		COMPLETION DATE 6/28/02		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'	0.5'	0.5'		0	25	50	75	100				
73.1	0.0	3	8	9	1									
70.0	2.5	5	5	6	1									TAN BROWN FINE TO COARSE SANDY SILT, MOI. (FILL)
65.0	5.0	3	5	4	1									TAN GRAY FINE TO COARSE SANDY SILT, MOI. (ALLUVIUM)
	7.5	1	2	1	1									
60.0	10.0	2	3	2	1									TAN GRAY SAND, SAT.
	13.4	0	1	4	1									
55.0	18.4	8	9	14	1									GREEN GRAY F. TO CSE. SAND WITH SHELL FRAGMENTS, SAT. (YORKTOWN FORMATION)
50.0	23.4	6	10	15	1									GRAY CLAYEY SILTY SAND AND FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION)
45.0	28.4	3	5	5	1									
40.0	33.4	8	21	30	1									SS-7
35.0	38.4	30	33	36	1									GRAY RED BROWN SANDY AND SILTY CLAY, WET (GRANITIC SAPROLITE)
30.0	43.4	28	45	53	1									
25.0	48.4	15	20	25	1									SS-9
20.0	53.4	15	21	26	1									SS-10
15.0	58.4	16	20	26	1									
BORING TERMINATED AT ELEV. 13.2 FEET IN HARD SANDY SILTY CLAY														