

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2161001		ID. B-3626		COUNTY CARTERET		GEOLOGIST R.L. EDWARDS						
SITE DESCRIPTION BRIDGE NO. 26 ON SR 1154 OVER DEEP CREEK							GROUND WATER					
BORING NO. BI-A		BORING LOCATION 20+29		OFFSET 6.0' LT.		ALIGNMENT -L-						
COLLAR ELEVATION -3.6'		NORTHING 0.00		EASTING 0.00		24 HR. N.M.						
TOTAL DEPTH 65.9'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC						
START DATE 10/30/02		COMPLETION DATE 10/30/02		SURFACE WATER DEPTH 3.3'								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75			
-3.6	0.0	WOH	WOH	WOH	1	X 0						
-5.0	2.5	WOH	WOH	WOH	1	X 0						SS-23 ST-3 DARK BROWN MUCK, WET (ALLUVIUM)
-10.0	7.0	Ø	3	8	1	X 11						SS-24 SS-25 DARK BROWN MUCK, WET (ALLUVIUM)
-15.0	9.4	7	8	15	1	X 23						
-20.0	14.4	9	12	13	1	X 25						SS-26 GRAY FINE TO COARSE SAND, SAT. (DUPLIN FORMATION)
-25.0	19.4	13	18	20	1	X 38						
-30.0	24.4	14	16	21	1	X 37						
-35.0	29.4	3	5	7	1	X 12						SS-27 SS-28 GRAY FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT.
-40.0	34.4	3	3	4	1	X 7						
-45.0	39.4	6	11	15	1	X 26						SS-29 GRAY FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT.
-50.0	44.4	13	18	23	1	X 41						
-55.0	49.4	4	7	7	1	X 14						SS-30 GRAY GREEN MICACEOUS SILTY SANDY CLAY, WET
-60.0	54.4	4	12	23	1	X 35						SS-31 GRAY GREEN MICACEOUS FINE SAND WITH SHELL FRAGMENTS, SAT.
-65.0	59.4	10	10	15	1	X 25						SS-32 LIGHT GRAY FOSSILIFEROUS LIMESTONE, SAT. (BELGRADE FORMATION)
-70.0	64.4	10	11	12	1	X 23						
BORING TERMINATED AT ELEV. -69.5' IN LIMESTONE												

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PROJECT NO. 8.2161001		ID. B-3626		COUNTY CARTERET		GEOLOGIST R.L. EDWARDS						
SITE DESCRIPTION BRIDGE NO. 26 ON SR 1154 OVER DEEP CREEK							GROUND WATER					
BORING NO. EB2-B		BORING LOCATION 20+74		OFFSET 16.0' RT.		ALIGNMENT -L-						
COLLAR ELEVATION 4.6'		NORTHING 0.00		EASTING 0.00		24 HR. 3.3'						
TOTAL DEPTH 69.7'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC						
START DATE 10/23/02		COMPLETION DATE 10/24/02		SURFACE WATER DEPTH								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75			
4.6	0.0	1	2	3	1	X 5						
0.0	3.7	2	1	2	1	X 3						SS-13 SS-14 TAN BROWN FINE SAND, MOI. TO SAT. (FILL)
-5.0	8.2	WOH	WOH	WOH	1	X 0						SS-15 ST-2 DARK BROWN MUCK, WET (ALLUVIUM)
-10.0	13.2	Ø	Ø	2	1	X 2						
-15.0	18.2	8	12	16	1	X 28						SS-16 GRAY FINE TO COARSE SAND, SAT. (DUPLIN FORMATION)
-20.0	23.2	11	12	9	1	X 21						
-25.0	28.2	10	14	17	1	X 31						SS-17 GRAY FINE TO COARSE SAND, SAT. (DUPLIN FORMATION)
-30.0	33.2	18	23	30	1	X 53						
-35.0	38.2	5	4	4	1	X 8						SS-18 GRAY FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT.
-40.0	43.2	4	4	5	1	X 9						
-45.0	48.2	10	11	15	1	X 26						SS-19 GRAY FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT.
-50.0	53.2	7	6	8	1	X 14						
-55.0	58.2	6	6	7	1	X 13						SS-20 GRAY GREEN MICACEOUS SILTY SANDY CLAY, WET
-60.0	63.2	6	11	16	1	X 27						SS-21 GRAY GREEN MICACEOUS FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT.
-65.0	68.2	12	16	29	1	X 45						SS-22 LIGHT GRAY FOSSILIFEROUS LIMESTONE, SAT. (BELGRADE FORM.)
BORING TERMINATED AT ELEV. -65.1' IN LIMESTONE												