NCDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT

WBS 38496.1.1	**TIP** B-4722B	**COUNTY** CARTERET	**GEOLOGIST** Contract Geologist
SITE DESCRIPTION BRIDGE NO. 33 ON -L- (US 70) OVER THE NORTH RIVER			**GROUND WTR (ft)**
BORING NO. B1-B	**STATION** 41+77	**OFFSET** 10 ft LT	**ALIGNMENT** -L- — **0 HR.** N/A
COLLAR ELEV. -2.2 ft	**TOTAL DEPTH** 74.5 ft	**NORTHING** 386,741	**EASTING** 2,716,779 — **24 HR.** N/A
DRILL RIG/HAMMER EFF./DATE MAD3964 CME-45C 83% 07/24/2012		**DRILL METHOD** Mud Rotary	**HAMMER TYPE** Automatic
DRILLER Contract Driller	**START DATE** N/A	**COMP. DATE** 08/22/12	**SURFACE WATER DEPTH** 3.7ft

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT (0 25 50 75 100)	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION — ELEV. (ft)	DEPTH (ft)
										WATER SURFACE	
0	-2.2	0.0								-2.2 GROUND SURFACE	0.0
			WOH	WOH	WOH	0				ALLUVIAL: GRAY CLAY WITH LITTLE TO MODERATE ORGANIC MATERIAL AND SHELL FRAGMENTS, WET	
-5	-5.2	3.0	1	1	0	1					
-10	-10.2	8.0	WOH	WOH	WOH	0				-13.2	11.0
-15	-15.2	13.0	7	7	8	15				UNDIVIDED COASTAL PLAIN: GRAY SAND WITH SHELL FRAGMENTS, SATURATED	
-20	-20.2	18.0	4	5	12	17					
-25	-25.2	23.0	5	4	3	7					
-30	-30.2	28.0	3	3	9	12					
-35	-35.2	33.0	4	6	15	21					
-40	-40.2	38.0	15	20	27	47					
-45	-45.2	43.0	8	10	10	20					
-50	-50.2	48.0	3	4	5	9					
-55	-55.2	53.0	6	5	70	75					
-60	-60.2	58.0	35	100/0.1		100/0.1					
-65	-65.2	63.0	83	100/0.1		100/0.1					
-70	-70.2	68.0	7	8	10	18					
-75	-75.2	73.0	2	3	4	7				-76.7	74.5
										Boring Terminated at Elevation -76.7 ft in Loose Sand	