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. B11-B	**STATION** 50+90	**OFFSET** 18 ft RT	**ALIGNMENT** -L- — **0 HR.** N/A
COLLAR ELEV. -8.3 ft	**TOTAL DEPTH** 77.1 ft	**NORTHING** 386,893	**EASTING** 2,717,680 — **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** 09/04/12	**SURFACE WATER DEPTH** 11.3ft

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										
-5										
	-8.3	0.0								-8.3 GROUND SURFACE 0.0
-10	-9.8	1.5	WOH	WOH	WOH	0				ALLUVIAL BROWN CLAY WITH LITTLE TO MODERATE ORGANIC MATERIAL, WET
			WOR	WOR	WOR	0				
-15	-14.8	6.5	WOH	WOH	WOH	0				-17.8 9.5
-20	-19.8	11.5	2	1	2	3				UNDIVIDED COASTAL PLAIN GRAY SAND WITH SHELL FRAGMENTS, SATURATED
-25	-24.8	16.5	4	1	1	2				
-30	-29.8	21.5	1	2	5	7				
-35	-34.8	26.5	6	8	14	22				
-40	-39.8	31.5	2	4	3	7				
-45	-44.8	36.5	3	3	5	8				-47.8 39.5
-50	-49.8	41.5	1	3	3	6				UNDIVIDED COASTAL PLAIN GRAY CLAY WITH SHELL FRAGMENTS, WET
-55	-54.8	46.5	9	13	11	24				-52.8 44.5
-60	-59.8	51.5	19	19	17	36				UNDIVIDED COASTAL PLAIN GRAY SAND WITH SHELL FRAGMENTS, SATURATED
-65	-64.8	56.5	47	75	25/0.1	100/0.6				
-70	-69.8	61.5	92	100/0.1		100/0.1				
-75	-74.8	66.5	71	100/0.3		100/0.3				
-80	-79.8	71.5								

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-80						Match Line				
			50	50/0.5		100/1.0				UNDIVIDED COASTAL PLAIN GRAY SAND WITH SHELL FRAGMENTS, SATURATED *(continued)*
-85	-84.8	76.5	75	25/0.1		100/0.6				-85.4 77.1
										Boring Terminated at Elevation -85.4 ft in Very Dense Sand

NCDOT BORE DOUBLE B-4722B_GEO_BRDG.GPJ NC_DOT.GDT 10/17/12