NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 34459.1.6 | **ID.** R-2552C | **COUNTY** JOHNSTON | **GEOLOGIST** D.C. ELIGMAN

SITE DESCRIPTION STRUCTURE 604 & 605 ON -Y4- OVER -L2- (US 70)

BORING NO. EB2-A (WBL) | **BORING LOCATION** 24+58.0 | **OFFSET** 17.5m LT | **ALIGNMENT** -Y4-

COLLAR ELEV. 77.88m | **NORTHING** 205081.4 | **EASTING** 662963.5

GROUND WATER 0 HR. 10.00m | 24 HR. 0.00m

TOTAL DEPTH 11.22m | **DRILL MACHINE** CME-45 | **DRILL METHOD** H.S. AUGERS | **HAMMER TYPE** AUTOMATIC

START DATE 6/23/89 | **COMPLETION DATE** 6/23/89 | **SURFACE WATER DEPTH** N/A | **DEPTH TO ROCK** 11.22m

ELEV.	DEPTH	BLOW COUNT 15cm	15cm	15cm	PEN. (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
77.88	0.00	WOH	1	1	0.30	2		W		COASTAL PLAIN, GRAY, SANDY SILT
	0.76	37	63		0.24	100+				
	1.28	40	60		0.27	100+		D-M		
76.00	2.04	6	23	33	0.30	56		M		
	2.80	3	9	15	0.30	24		M		GRAY TO BROWN, SANDY CLAY
74.00	4.33	3	5	7	0.30	12	SS-27	M		RESIDUAL, BROWN AND GREEN, SAPROLITIC SILTY CLAY
72.00	5.85	6	13	14	0.30	27	SS-28	M		
70.00	7.38	6	10	15	0.30	25	SS-29	M		BROWN, SAPROLITIC CLAYEY SILT
68.00	8.90	10	17	26	0.30	43		M		
	10.42	45	55		0.18	100+				SOFT WEATHERED ROCK (MICA SCHIST)
66.00						AUGER REFUSAL AT ELEVATION 66.66 METERS ON HARD ROCK (MICA SCHIST)				
64.00										
62.00										
60.00										
58.00										

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SITE DESCRIPTION STRUCTURE 604 & 605 ON -Y4- OVER -L2- (US 70)

BORING NO. EB2-B (WBL) | **BORING LOCATION** 24+40.5 | **OFFSET** 3.5m LT | **ALIGNMENT** -Y4-

COLLAR ELEV. 77.82m | **NORTHING** 205076.0 | **EASTING** 662950.4

GROUND WATER 0 HR. 1.50m | 24 HR. 0.00m

TOTAL DEPTH 9.11m | **DRILL MACHINE** CME-45 | **DRILL METHOD** H.S. AUGERS | **HAMMER TYPE** AUTOMATIC

START DATE 6/26/89 | **COMPLETION DATE** 6/26/89 | **SURFACE WATER DEPTH** N/A | **DEPTH TO ROCK** 9.11m

ELEV.	DEPTH	BLOW COUNT 15cm	15cm	15cm	PEN. (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
77.82	0.00	WOH	WOH	1	0.30	1	SS-30	W		COASTAL PLAIN, GRAY, SANDY SILT
	0.79	1	2	4	0.30	6	SS-31	M		
	1.40	24	42	17	0.30	59	SS-32	D-M		GRAY, SILTY SAND
76.00	2.16	6	11	15	0.30	26	SS-33	M		GRAY TO BROWN, SANDY CLAY
	2.93	10	12	13	0.30	25		M		
74.00	4.45	21	30	54	0.30	84	SS-34	M		RESIDUAL, YELLOW-BROWN, SILTY SAND
72.00	5.97	100			0.12	100+				SOFT WEATHERED ROCK (GRANITE)
70.00	7.5	30	22	78	0.24	100+				
	9.02	100			0.09	100+				
68.00						AUGER REFUSAL AT ELEVATION 68.71 METERS ON HARD ROCK (GRANITE)				
66.00										
64.00										
62.00										
60.00										
58.00										