

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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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)			GROUND WATER
BORING NO. BI-A (WBL)	BORING LOCATION 24+17.0	OFFSET 17.5m LT	ALIGNMENT -Y4-
COLLAR ELEV. 77.97m	NORTHING 205121.1	EASTING 662953.6	DEPTH TO ROCK 5.21m
TOTAL DEPTH 5.21m	DRILL MACHINE CME-45	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC
START DATE 6/15/89	COMPLETION DATE 6/15/89	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 5.21m

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
77.97	0.00	1	0	1	0.30						W	COASTAL PLAIN, GRAY, SANDY SILT
	0.82	5	11	8	0.30						M	
	1.43	4	7	13	0.30						M	GRAY, SANDY CLAY
76.00	2.19	23	34	25	0.30						M	
	2.96	8	18	17	0.30						M	GRAY TO BROWN SANDY SILT
	3.72	14	21	49	0.30						D	
74.00	4.48	29	60	40	0.18							RESIDUAL, WHITE, SILTY SAND
	5.18	60			0.03							
												SOFT TO HARD WEATHERED ROCK (GRANITE)
72.00												AUGER REFUSAL AT ELEVATION 72.76 METERS ON HARD ROCK (GRANITE)

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)			GROUND WATER
BORING NO. BI-B (WBL)	BORING LOCATION 24+00.5	OFFSET 3.5m LT	ALIGNMENT -Y4-
COLLAR ELEV. 78.06m	NORTHING 205134.2	EASTING 662935.8	DEPTH TO ROCK 5.88m
TOTAL DEPTH 5.88m	DRILL MACHINE CME-45	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC
START DATE 6/16/89	COMPLETION DATE 6/16/89	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 5.88m

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
78.00	0.00	WOH	WOH	1	0.30						W	COASTAL PLAIN, LIGHT GRAY, SANDY SILT
78.06	0.85	13	68	26	0.30						M	
	1.52	5	9	17	0.30						M	GRAY, SANDY CLAY
76.00	2.27	37	63		0.24						D	
	3.05	25	33	16	0.30						D-M	GRAY TO BROWN, SANDY SILT WITH COARSE SAND LAYERS
74.00	3.81	13	22	17	0.30						D-M	
	4.57	43	57		0.21							RESIDUAL, WHITE TO PINK, SILTY SAND
	5.33	100			0.06							
												SOFT WEATHERED ROCK (GRANITE)
72.00												AUGER REFUSAL AT ELEVATION 72.18 METERS ON HARD ROCK (GRANITE)