

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

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PROJECT NO. 34459.1.6	ID. R-2552C	COUNTY JOHNSTON	GEOLOGIST N.D. MOHS
SITE DESCRIPTION STRUCTURE 604 & 605 ON -Y4- OVER -L2- (US-70)			GROUND WATER
BORING NO. EBI-A (EBL)	BORING LOCATION 23+38	OFFSET 16.3m RT	ALIGNMENT -Y4-
COLLAR ELEV. 78.67m	NORTHING 205181.5	EASTING 662907.6	DEPTH TO ROCK 7.54m
TOTAL DEPTH 7.54m	DRILL MACHINE CME-550	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC
START DATE 10/22/04	COMPLETION DATE 10/22/04	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 7.54m

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
78.67													
78.00	1.29	9	22	31	0.30						M	COASTAL PLAIN, LIGHT GRAY, SANDY SILT	
76.00	2.81	5	8	13	0.30						M	LIGHT GRAY, SANDY CLAY	
74.00	4.33	12	11	9	0.30						M	LIGHT GRAY, SANDY SILT	
72.00	5.85	13	8	30	0.30						W	GRAY AND ORANGE, SANDY CLAY	
	7.37	100			0.12							SS-9	SOFT WEATHERED ROCK (GRANITE)
AUGER REFUSAL AT ELEVATION 71.13 METERS ON HARD ROCK (GRANITE)													

PROJECT NO. 34459.1.6	ID. R-2552C	COUNTY JOHNSTON	GEOLOGIST N.D. MOHS
SITE DESCRIPTION STRUCTURE 604 & 605 ON -Y4- OVER -L2- (US 70)			GROUND WATER
BORING NO. EBI-B (EBL)	BORING LOCATION 23+30.0	OFFSET 23.0m RT	ALIGNMENT -Y4-
COLLAR ELEV. 78.11m	NORTHING 205195.6	EASTING 662893.2	DEPTH TO ROCK 6.95m
TOTAL DEPTH 6.95m	DRILL MACHINE CME-550	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC
START DATE 10/21/04	COMPLETION DATE 10/21/04	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 6.95m

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
78.11													
78.00	1.19	29	51	20	0.30						M	COASTAL PLAIN, LIGHT GRAY, SANDY SILT	
76.00	2.91	27	31	33	0.30						S	LIGHT GRAY, SANDY CLAY	
74.00	4.23	4	3	4	0.30						W	LIGHT GRAY, SANDY CLAY	
72.00	5.75	100			0.06							SS-8	SOFT WEATHERED ROCK (GRANITE)
AUGER REFUSAL AT ELEVATION 71.16 METERS ON HARD ROCK (GRANITE)													