

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. EBI-A (WBL)	BORING LOCATION 23+75.0	OFFSET 20.5m LT	ALIGNMENT -Y4-	0 HR. 1.80m
COLLAR ELEV. 78.18m	NORTHING 205162.4	EASTING 662946.3	24 HR. 0.00m	
TOTAL DEPTH 7.32m	DRILL MACHINE CME-45	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC	
START DATE 6/14/89	COMPLETION DATE 6/14/89	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 7.32m	

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
78.18	0.00	1	1	7	0.30							
78.00	0.76	18	45	55	0.29							
	1.52	20	46	54	0.27							
76.00	2.29	40	40	37	0.30							
	3.05	17	22	14	0.30							
74.00	4.57	9	13	15	0.30							
	6.10	100			0.09							
AUGER REFUSAL AT ELEVATION 70.36 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. EBI-B (WBL)	BORING LOCATION 23+54.5	OFFSET 4.0m LT	ALIGNMENT -Y4-	0 HR. 1.80m
COLLAR ELEV. 78.30m	NORTHING 205176.7	EASTING 662917.6	24 HR. 1.00m	
TOTAL DEPTH 6.16m	DRILL MACHINE CME-45	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC	
START DATE 6/13/89	COMPLETION DATE 6/13/89	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 6.16m	

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
78.30	0.00	1	1	2	0.30							
78.00	0.73	15	30	38	0.30							
	1.43	7	12	14	0.30							
76.00	2.19	15	20	24	0.30							
	2.96	9	8	16	0.30							
74.00	4.27	14	15	85	0.30							
	5.79	60			0.03							
AUGER REFUSAL AT ELEVATION 72.14 METERS ON HARD ROCK (GRANITE)												