NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 34459.1.6	**ID.** R-2552C	**COUNTY** JOHNSTON	**GEOLOGIST** L.T. DEL GRECO
SITE DESCRIPTION STRUCTURE 604 & 605 ON -Y4- OVER -L2- (US 70)			**GROUND WATER**
BORING NO. EB2-A (EBL)	**BORING LOCATION** 24+25.0	**OFFSET** 20.0m RT	**ALIGNMENT** -Y4-	**0 HR.** 1.20m
COLLAR ELEV. 77.90m	**NORTHING** 205104.6	**EASTING** 662919.1		**24 HR.** 0.00m
TOTAL DEPTH 7.34m	**DRILL MACHINE** MOBILE B-57	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** MANUAL	
START DATE 2/18/04	**COMPLETION DATE** 2/18/04	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** N/A	

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
77.90										
	1.15	30	27	31	0.30	58	SS-133	D		COASTAL PLAIN, LIGHT GRAY, SANDY SILT
76.00										
	2.67	12	11	13	0.30	24	SS-134	M		TAN, SILTY CLAY
74.00	4.12	12	11	34	0.30	45	SS-135	D		ORANGE, SILTY SAND
								D		RESIDUAL, ORANGE, SILTY SAND
72.00	5.64	86	14		0.22	100+				SOFT WEATHERED ROCK (GRANITE)
	7.16	59	41		0.17	100+				
70.00						BORING TERMINATED AT ELEVATION 70.56 METERS IN SOFT WEATHERED ROCK (GRANITE)				
68.00										
66.00										
64.00										
62.00										
60.00										
58.00										

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 34459.1.6	**ID.** R-2552C	**COUNTY** JOHNSTON	**GEOLOGIST** C.D. CZAJKA
SITE DESCRIPTION STRUCTURE 604 & 605 ON -Y4- OVER -L2- (US-70)			**GROUND WATER**
BORING NO. EB2-B (EBL)	**BORING LOCATION** 24+20.2	**OFFSET** 21.5m RT	**ALIGNMENT** -Y4-	**0 HR.** 1.90m
COLLAR ELEV. 77.73m	**NORTHING** 205108.7	**EASTING** 662916.5		**24 HR.** 0.00m
TOTAL DEPTH 7.38m	**DRILL MACHINE** CME-550	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** AUTOMATIC	
START DATE 10/20/04	**COMPLETION DATE** 10/20/04	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 7.38m	

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
77.73										
	1.09	30	36	24	0.30	60	SS-1A	M		COASTAL PLAIN, LIGHT GRAY, SANDY SILT
76.00										
	2.61	20	29	11	0.30	40	SS-2A	M		ORANGE AND GRAY, SILTY SAND
74.00	4.13	4	7	11	0.30	18		M		
								D		RESIDUAL, BROWN, SILTY SAND
72.00	5.65	36	64		0.22	100+				SOFT TO HARD WEATHERED ROCK (GRANITE)
	7.17	60			0.02	60/0.02				
70.00						AUGER REFUSAL AT ELEVATION 70.35 METERS ON HARD ROCK (GRANITE)				
68.00										
66.00										
64.00										
62.00										
60.00										
58.00										