

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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SHEET 14 OF 17

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. BI-A (EBL)	BORING LOCATION 23+87.4	OFFSET 7.5m RT	ALIGNMENT -Y4-
COLLAR ELEV. 78.60m	NORTHING 205140.5	EASTING 662921.6	0 HR. N/A
TOTAL DEPTH 13.58m	DRILL MACHINE CME-550	DRILL METHOD ROTARY W/ MUD	HAMMER TYPE AUTOMATIC
START DATE 10/21/04	COMPLETION DATE 10/21/04	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 13.58m

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
78.60														
78.00	1.12	2	1	6	0.30									ROADWAY FILL, ORANGE-BROWN, SANDY CLAY
76.00	2.64	9	10	12	0.30									COASTAL PLAIN, GRAY AND ORANGE, SANDY SILT
74.00	4.16	4	4	5	0.30									
72.00	5.68	4	5	8	0.30									RESIDUAL, ORANGE-BROWN, SILTY CLAY
70.00	7.20	6	7	14	0.30									
68.00	8.72	5	6	11	0.30									
66.00	10.24	13	11	29	0.30									
	11.76	18	12	18	0.30									
	13.28	100			0.11									SOFT WEATHERED ROCK (MICA SCHIST)
64.00														TRICONE REFUSAL AT ELEVATION 65.02 METERS ON HARD ROCK (MICA SCHIST)

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. BI-B (EBL)	BORING LOCATION 23+74.2	OFFSET 18.6m RT	ALIGNMENT -Y4-
COLLAR ELEV. 78.45m	NORTHING 205154.1	EASTING 662908.2	0 HR. 1.50m
TOTAL DEPTH 13.99m	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 13.99m

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
78.45														
78.00	1.13	5	9	5	0.30									ROADWAY FILL, RED-BROWN, SANDY CLAY
76.00	2.65	9	10	9	0.30									COASTAL PLAIN, ORANGE AND GRAY, SANDY SILT
74.00	4.17	4	4	10	0.30									RESIDUAL, BROWN AND GRAY, SILTY CLAY
72.00	5.69	100			0.10									SOFT WEATHERED ROCK (GRANITE)
70.00	7.21	25	29	30	0.30									RESIDUAL, GRAY AND ORANGE, SILTY SAND
68.00	8.73	38	11	9	0.30									
66.00	10.25	18	19	22	0.30									
	11.77	34	66		0.29									SOFT WEATHERED ROCK (MICA SCHIST)
	13.29	11	34	66	0.23									SOFT WEATHERED ROCK (MICA SCHIST)
64.00														AUGER REFUSAL AT ELEVATION 64.46 METERS ON HARD ROCK (MICA SCHIST)