



## GROUND WATER

Ground water was measured in the end bent borings immediately after drilling and after a stabilization period of 24 hours. The water level measured immediately after drilling ranged from an elevation of 131.8 to 152.3 feet. After a stabilization period of 24 hours, the water level ranged from 139.3 feet to 152.3 feet in the end bent borings. The water level was not measured in the interior bent borings at Bents 1 and 2 due to the water introduced for coring. The normal water surface of Turkey Creek is shown as elevation 148.2 feet on the Hydraulic Design Report dated 7/7/04.

## NOTES TO THE DESIGNER

The designer should be aware of the presence of softer zones within the non-crystalline rock when designing foundations for the interior bents.

## QUALIFICATIONS OF REPORT

This report has been prepared for the exclusive use of the North Carolina Department of Transportation and their assignees for specific application to the referenced property in accordance with generally accepted soil and foundation engineering practices. No other warranty, expressed or implied, is made. The conclusions provided in this report do not reflect variations in subsurface conditions, which could exist intermediate of the boring locations, or in unexplored areas of the site. Should such variations become apparent during construction, we reserve the right to re-evaluate our conclusions based upon an on-site observation of the conditions. In the event that changes are made in the proposed construction plans, the findings presented in this report shall not be considered valid unless reviewed by our firm and conclusions of this report modified or verified in writing.