

12.7 to 15.8 ksi. Rock cores from Bent 2 consisted of severely weathered to fresh, extremely fractured to sound biotite schist. Core recovery in the biotite schist ranged from 59% to 100%. Rock Quality Designation (RQD) values ranged from 0% to 100%. Ultimate compressive strength of a single biotite schist sample was 9.3 ksi. More detailed rock descriptions can be found in the Core Boring Reports.

Groundwater

Groundwater was present in the alluvial soil at all the interior bents, at elevations ranging from 53.75 to 54.55 meters. Surface water in Little Creek was at elevation 53.29 meters (8-24-04). Groundwater was also present at End Bent 1 at an elevation of 58.44 meters.

Notice

This Geotechnical foundation report is based on the bridge survey report for Little Creek dated June 9, 2004. If significant changes are made in the design or location of the proposed structure, the subsurface information should be reviewed and modified as necessary.

Prepared by,



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