

Project Summary



Breckinridge Dam Quantico, Virginia



Project Overview:

As part of a reservoir dam investigation three boreholes were made through the structure and one borehole was advanced proximal to the dam. Access to the dam was extremely difficult and required the use of a skid mounted drill rig. A dozer was utilized to clear access to the dam and to facilitate moving the drill rig on and off of the dam located at the base of a steep slope. A significant amount of planning was required to implement the placement of the drill rig onto the dam in a safe manner.

Drilling Services

Boreholes through the dam structure were advanced with N wireline coring. Borings were made through the structure and into the native bedrock underlying the structure. Straddle packer testing was performed at multiple zones in the boreholes to evaluate water flow in both the structure and the bedrock. The borehole advanced away from the structure was performed using H size flush joint casing and N wireline coring.

• Project Cost:

\$64,944

• Project Duration:

15 days

• Project Completion Date:

June 2010

• Project Reference:

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