

# Landslides and Slope Stability



**Shales in the Pikeville Formation provide a poor foundation and are unstable on slopes. Hillside construction of roads and homes on shale in Johnson County often requires additional support and drainage management to ensure slope stability. In Whitley County, rock gabions and a chain link fence provide stability to a cut slope in the Pikeville Formation along Doc Siler Road. Photos by Bethany Overfield and Dan Carey, Kentucky Geological Survey.**

