

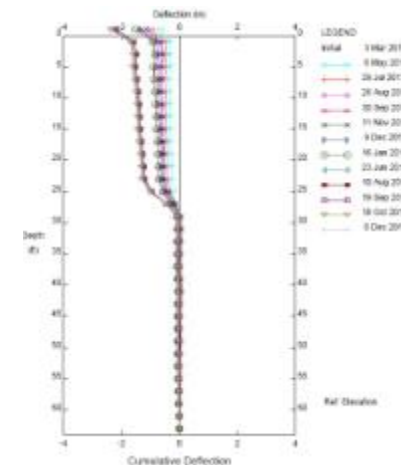
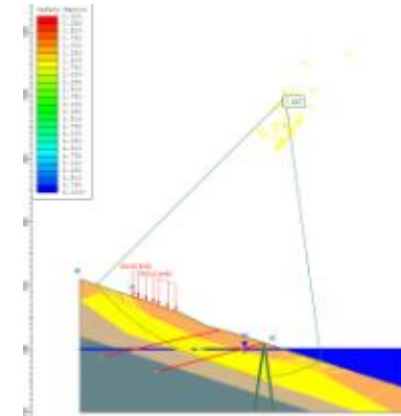
# Lake Keowee Residential Landslide

Salem, South Carolina

Tension cracks and building distress indicated that a landslide was occurring at a residence on Lake Keowee. Slope inclinometer data indicated that the slide began within the area of the house, terminated in the lake and was about 30 ft deep near the shoreline.

A double line of battered micropiles and a line of tieback anchors were installed near the water line. Slope inclinometer measurements indicate that movement was arrested after installation of the micropiles.

The site has since been landscaped and there is very little evidence of construction repairs.



Consulting Design Engineer: Dan Brown Associates  
Geotechnical Contractor: WEC