



Base by Carlos Aboim - Costa and R. S. Stein, 1976

Geology from Aboim - Costa and Stein (1976)

- Scarp—Hachures point downslope
- Major bounding scarp
- Steep scarp
- Gentle scarp
- Deep scarp
- Shallow scarp

EXPLANATION

- Fenceline
- Crack, <0.5 m deep unless noted
- Open crack or graben
- Toe of earth-flow deposit
- Trace of basal shear surface; hachures on upthrust block
- Striations, showing amount and direction of dip

- Control point
- Shrub
- Wet, clayey soil
- Ponded water
- Ephemeral stream
- Hummocky topography

**MAP AND CROSS SECTION OF THE HIDDEN VALLEY EARTH-FLOW COMPLEX,
ALAMEDA COUNTY, CALIFORNIA**