GEN-17
Soils Reports

• **Foundation Investigation:** Per IBC 1802.4, the Building Official may require a foundation investigation to include:

  Plot plan showing location of borings and test pits
  Descriptions and classifications of encountered materials
  Elevation of water table, if encountered
  Recommendations for foundation type and design criteria:
  
  - bearing capacity
  - expansive soils provisions
  - mitigation of liquefaction effects of adjacent loads

• **Alternate Slope Setbacks:** Per IBC 1805.3.5, the Building Official may require an investigation and recommendation of a qualified engineer to demonstrate that an equivalency to the code prescribed setbacks has been achieved. The investigation should take into account:

  - material properties
  - height of slope
  - slope gradient
  - load intensity
  - erosion characteristics

Revised June 24, 2008