



Development Services Center

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

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