



Building Services  
808 West Spokane Falls Blvd  
Spokane WA 99201-3343  
(509) 625-6300

## GEN-17 Soils Reports

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- **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