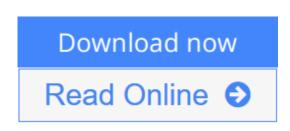


Geotechnical Investigation Methods: A Field Guide for Geotechnical Engineers

By Roy E. Hunt



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The investigation phase is the most important segment of any geotechnical study. Using the correct methods and properly interpreting the results are critical to a successful investigation. Comprising chapters from the second edition of the revered Geotechnical Engineering Investigation Handbook, Geotechnical Investigation Methods offers clear, concise, and hands-on guidance for choosing and executing a variety of field investigations.

This practical guide provides an affordable alternative to larger handbooks and condenses the essential elements of a geotechnical investigation into an easily digestible and readily accessible format. Renowned expert Roy E. Hunt discusses preliminary study to predict geologic conditions, applying information from geologic and topographic maps as well as remotely sensed imagery, proper test boring procedures, the various geophysical methods and when each is appropriate, and a variety of methods for determining materials' engineering properties in the lab and in situ. Hunt also covers field instrumentation for surface movements, subsurface deformations, and in situ pressures and stresses, as well as instrument arrays for typical problems such as structure settlement and fault movements.

Eliminate the need to search through narrow volumes or large handbooks with Geotechnical Investigation Methods: A Field Guide for Geotechnical Engineers, a convenient and complete guide to the techniques you need.

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