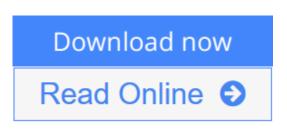


Geotechnical Engineers Portable Handbook, Second Edition (Mechanical Engineering)

By Robert Day



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Coverage includes:

- Field exploration
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- Soil and rock classification
- Phase relationships
- Effective stress and stress distribution
- Shear strength
- Permeability and seepage
- Settlement analyses
- Bearing capacity analyses
- Pavement and pipeline design
- Expansive soil
- Slope stability
- Geotechnical earthquake engineering
- Erosion analyses
- Retaining walls
- Deterioration
- Foundations
- · Grading and other site improvement methods
- Groundwater and percolation tests
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- Instrumentation
- International Building Code regulations for soils
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Bibliography

- Sales Rank: #382557 in Books
- Published on: 2012-03-22
- Original language: English
- Number of items: 1
- Dimensions: 8.00" h x 1.40" w x 5.00" l, 1.98 pounds
- Binding: Paperback
- 1088 pages

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