



Geotechnical Engineer's Portable Handbook

By Robert Day

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Editorial Review

From the Back Cover

Instant, project-ready geotechnical answers

The latest in McGraw-Hill's popular **Portable Handbook** series, this is the first quick-reference book on geotechnical engineering and construction-related topics. Filled with vital, ready-to-implement geotechnical data, formulas, and guidelines that you can flip to at a moment's notice, the comprehensive, yet pocket-sized *Geotechnical Engineer's Portable Handbook* features:

- * Field exploration guidelines, soil and rock classifications, and percolation and lab test procedures
- * Basic phase relationships and stress distribution tables and charts
- * Clear analysis guidelines for settlement, bearing capacity, expansive soil, slope stability, earthquake, erosion control, and deterioration from other causes
- * Quick access to essential design and construction data for foundations and retaining walls
- * Easy-to-use data on grading, instrumentation, excavation, underpinning, groundwater control, and geosynthetics
- * Pavement and pipeline design charts

Written by an AIA award-winning civil engineer, the *Geotechnical Engineer's Portable Handbook* adds up to a complete set of research-reducing tools for civil engineers, construction personnel, and architects. It's the most convenient source of information you need on the job every day, for projects large and small.

About the Author

Robert W. Day (San Diego, CA) has published over 200 papers, as is currently active on various committees with ASCE, ASTM, Transportation Research Board, and received a design award from AIA. After completing his Bachelors and Masters degrees in Civil Engineering at Villanova specializing in Structural Engineering, he completed his masters in Civil Engineering and Engineer Degree at MIT.

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