

In addition to field test results and theoretical knowledge, interpretation and engineering judgment on the available factual data are essential for proper planning and execution of ground investigation. Maximum subsurface information can be extracted with lesser budget if proper interpretation is made. In other words, no amount of site investigation is adequate without proper interpretation and application of engineering judgment. With this in consideration, this book provides special focus on the importance of interpretation and engineering judgment in geotechnical projects.

### Key Features

- Places emphasis on the role of site interpretation and the application of engineering judgment. Any kind of infrastructure development needs geotechnical investigation in the first place. The overall project cost as well as safety of structures largely depends upon how much the engineers and project personnel have understood the ground condition and have responded accordingly
- Typical real-life examples cited in this book will be of great help for all those involved in planning and execution of geotechnical projects

### About the Author

**Dr. Anjan Patel** is currently working as an associate professor in the Visvesvaraya National Institute of Technology, Nagpur which is recognized as an Institute of National Importance by the Government of India. He completed his PhD in geotechnical engineering from the Indian Institute of Technology, Bombay in 2009 and he has over a decade of experience in teaching, research, and consultancy. He was involved as a geotechnical engineer during the subsurface exploration for the expansion of SSR International Airport in Mauritius. This investigation was one of the special cases in geotechnical engineering which includes the exploration of volcanic voids and subsurface cavities. Further, he has gained sufficient experience in geotechnical investigations because of his involvement in various consultancy jobs as well as research projects.



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