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## Geotechnical Properties of Selected Pleistocene, Silurian, and Ordovician Deposits of Northeastern Illinois (Classic Reprint) (Paperback)

By R a Bauer

Forgotten Books, 2017. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Geotechnical Properties of Selected Pleistocene, Silurian, and Ordovician Deposits of Northeastern Illinois Large quantities of detailed geotechnical data on the bedrock and glacial drift in northeastern Illinois were collected and compiled as part of the investigation for a suitable site for the proposed Superconducting Super Collider (ssc). The database includes (1) preexisting information such as stratigraphic data obtained from boreholes, strength test results, and observations and experiences from tunneling and construction of underground chambers in the region; and (2) new data from investigations conducted specifically for the ssc project, including studies of additional boreholes; hydrogeologic studies of water levels and in situ hydraulic conductivity; strength testing of rocks and soils; assessment of rock hardness and joint strength, and joint characterization; determination of laboratory and in situ sonic velocities; and rock mass classification and measurement of in situ stress magnitude and direction. This extensive database was used to characterize rock mass conditions and tunneling advance rates. Test results and construction experience in bedrock indicate that rock quality is good, tunneling conditions are favorable, and little or no support is required. Chambers with...

### Reviews

*This book is definitely not simple to begin on studying but quite fun to see. I actually have read and that i am sure that i will gonna read through yet again once again in the foreseeable future. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Brennan Koelpin**

*Comprehensive guide! Its this type of very good read through. It is actually writter in simple words and phrases rather than difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Bernie Mante PhD**