



Water-Resources Data and Hydrogeologic Setting at the Raleigh Hydrogeologic Research Station, Wake County, North Carolina, 2005-2007: Open-File Report (Paperback)

By Kristen Bukowski McSwain

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Water-resources data were collected to describe the hydrologic conditions at the Raleigh hydrogeologic research station, located in the Piedmont Physiographic Province of North Carolina. Data collected by the U.S. Geological Survey and the North Carolina Department of Environment and Natural Resources, Division of Water Quality, from May 2005 through September 2007 are presented in this report. Three well clusters and four piezometers were installed at the Raleigh hydrogeologic research station along an assumed flow path from recharge to discharge areas. Each well cluster includes four wells to monitor the regolith, transition zone, and shallow and deep bedrock. Borehole, surface, and waterborne geophysics were conducted to examine the lithology and physical properties of the bedrock and to determine the aerial extent of near vertical diabase dikes. Slug tests were conducted in the wells at each cluster to determine the hydraulic conductivity of the formation tapped by each well. Periodic water-level altitudes were measured in all wells and in four piezometers. Continuous hourly water levels were measured in wells for variable periods of time during the study, and a surface-water...



Reviews

This book is definitely not effortless to start on looking at but really exciting to see. It really is simplistic but surprises from the 50 % from the pdf. I am just effortlessly can get a delight of looking at a published book.

-- **Thurman Schamberger**

Comprehensive information for book fanatics. it had been writtern really completely and useful. I am happy to explain how this is the greatest publication i have read through in my very own life and can be he finest pdf for ever.

-- **Virginie Collier I**