

Effects of Groundwater Withdrawal on Borehole Flow and Salinity Measured in Deep Monitor Wells in Hawai'i-Implications for Groundwater Management: Usgs Scientific Investigations Report 2010-5058 (Paperback)



Filesize: 5.24 MB

Reviews

Thorough information! Its this kind of good read. Yes, it is perform, continue to an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Loyal Grady)

EFFECTS OF GROUNDWATER WITHDRAWAL ON BOREHOLE FLOW AND SALINITY MEASURED IN DEEP MONITOR WELLS IN HAWAII-IMPLICATIONS FOR GROUNDWATER MANAGEMENT: USGS SCIENTIFIC INVESTIGATIONS REPORT 2010-5058 (PAPERBACK)

DOWNLOAD



To download **Effects of Groundwater Withdrawal on Borehole Flow and Salinity Measured in Deep Monitor Wells in Hawaii i-Implications for Groundwater Management: Usgs Scientific Investigations Report 2010-5058 (Paperback)** eBook, please click the hyperlink below and download the document or have access to additional information which might be highly relevant to EFFECTS OF GROUNDWATER WITHDRAWAL ON BOREHOLE FLOW AND SALINITY MEASURED IN DEEP MONITOR WELLS IN HAWAII-IMPLICATIONS FOR GROUNDWATER MANAGEMENT: USGS SCIENTIFIC INVESTIGATIONS REPORT 2010-5058 (PAPERBACK) ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Water-resource managers in Hawaii rely heavily on salinity profiles from deep monitor wells to estimate the thickness of freshwater and the depth to the midpoint of the transition zone between freshwater and saltwater in freshwater-lens systems. The deep monitor wells are typically open boreholes below the water table and extend hundreds of feet below sea level. Because of possible borehole-flow effects, there is concern that salinity profiles measured in these wells may not accurately reflect the salinity distribution in the aquifer and consequently lead to misinterpretations that adversely affect water-resource management. Steplike changes in salinity or temperature with depth in measured profiles from nonpumped deep monitor wells may be indicative of water moving within the well, and such changes are evident to some extent in all available profiles. The maximum vertical step length, or displacement, in measured profiles ranges from 7 to 644 feet. Vertical steps longer than 70 feet exceed the typical thickness of massive lava flows; they therefore cannot be attributed entirely to geologic structure and may be indicative of borehole flow. The longest vertical steps occur in monitor wells located in southern Oahu, coinciding with the most heavily developed part of the aquifer. Although regional groundwater withdrawals have caused a thinning of the freshwater lens over the past several decades, the measured midpoint of the transition zone in most deep monitor wells has shown only inconsequential depth displacement in direct response to short-term variations in withdrawals from nearby production wells. For profiles from some deep monitor wells, however, the depth of the measured top of the transition zone, indicated by a specific-conductance value of 1,000 microsiemens per centimeter, has risen several hundred feet in...



[Read Effects of Groundwater Withdrawal on Borehole Flow and Salinity Measured in Deep Monitor Wells in Hawaii i-Implications for Groundwater Management: Usgs Scientific Investigations Report 2010-5058 \(Paperback\) Online](#)



[Download PDF Effects of Groundwater Withdrawal on Borehole Flow and Salinity Measured in Deep Monitor Wells in Hawaii i-Implications for Groundwater Management: Usgs Scientific Investigations Report 2010-5058 \(Paperback\)](#)



[Download ePub Effects of Groundwater Withdrawal on Borehole Flow and Salinity Measured in Deep Monitor Wells in Hawaii i-Implications for Groundwater Management: Usgs Scientific Investigations Report 2010-5058 \(Paperback\)](#)

Other eBooks



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)

Click the link under to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)" PDF file.

[Save ePub »](#)



[PDF] Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)

Click the link under to download and read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)" PDF file.

[Save ePub »](#)



[PDF] Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625) (Paperback)

Click the link under to download and read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625) (Paperback)" PDF file.

[Save ePub »](#)



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Click the link under to download and read "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)" PDF file.

[Save ePub »](#)



[PDF] Ohio Court Rules 2013, Practice Procedure (Paperback)

Click the link under to download and read "Ohio Court Rules 2013, Practice Procedure (Paperback)" PDF file.

[Save ePub »](#)



[PDF] A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)

Click the link under to download and read "A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)" PDF file.

[Save ePub »](#)

**[PDF] Electronic Dreams: How 1980s Britain Learned to Love the Computer**

Click the web link under to read "Electronic Dreams: How 1980s Britain Learned to Love the Computer" PDF file.

[Read ePub »](#)

**[PDF] From Out the Vasty Deep (Paperback)**

Click the web link under to read "From Out the Vasty Deep (Paperback)" PDF file.

[Read ePub »](#)

**[PDF] Becoming a Spacewalker: My Journey to the Stars (Hardback)**

Click the web link under to read "Becoming a Spacewalker: My Journey to the Stars (Hardback)" PDF file.

[Read ePub »](#)

**[PDF] A Parent s Guide to STEM (Paperback)**

Click the web link under to read "A Parent s Guide to STEM (Paperback)" PDF file.

[Read ePub »](#)

**[PDF] Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)**

Click the web link under to read "Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)" PDF file.

[Read ePub »](#)

**[PDF] Readers Clubhouse Set B Time to Open (Paperback)**

Click the web link under to read "Readers Clubhouse Set B Time to Open (Paperback)" PDF file.

[Read ePub »](#)