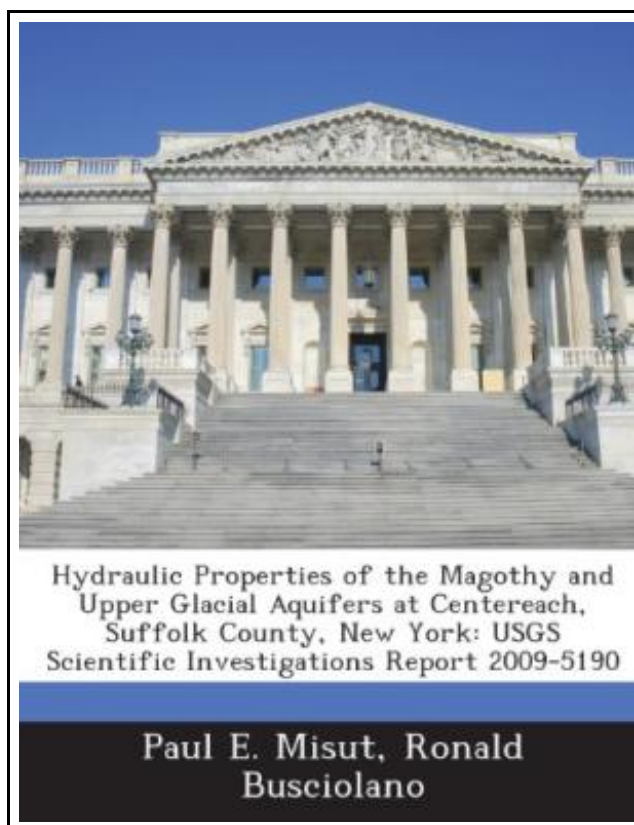


## Hydraulic Properties of the Magothy and Upper Glacial Aquifers at Centereach, Suffolk County, New York: USGS Scientific Investigations Report 2009-5190



Filesize: 8.69 MB

### ***Reviews***

*These sorts of ebook is the best publication accessible. It is amongst the most amazing ebook i actually have read. It is extremely difficult to leave it before concluding, once you begin to read the book.*

*(Jace Gusikowski IV)*

## HYDRAULIC PROPERTIES OF THE MAGOTHY AND UPPER GLACIAL AQUIFERS AT CENTEREACH, SUFFOLK COUNTY, NEW YORK: USGS SCIENTIFIC INVESTIGATIONS REPORT 2009-5190



To get **Hydraulic Properties of the Magothy and Upper Glacial Aquifers at Centereach, Suffolk County, New York: Usgs Scientific Investigations Report 2009-5190** eBook, you should refer to the hyperlink beneath and save the ebook or gain access to additional information which might be highly relevant to HYDRAULIC PROPERTIES OF THE MAGOTHY AND UPPER GLACIAL AQUIFERS AT CENTEREACH, SUFFOLK COUNTY, NEW YORK: USGS SCIENTIFIC INVESTIGATIONS REPORT 2009-5190 ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Horizontal and vertical hydraulic conductivity, transmissivity, and storativity of the aquifer system at Centereach, New York, were estimated using analytical multiple-well aquifer test models and compared with results of numerical regional flow modeling and hydrogeologic framework studies. During the initial operation of production well S125632 in May 2008, continuous water-level and temperature data were collected at a cluster of five partially penetrating observation wells, located about 100 feet (ft) from S125632, and at observation well S33380, located about 10,000 ft from S125632. Data collection intervals ranged from 30 seconds to 30 minutes and analytical model calibration was conducted using visual trial-and-error techniques with time series parsed to 30-minute intervals. The following assumptions were applied to analytical models: (1) infinite aerial extent, (2) homogeneity, (3) uniform 600-ft aquifer thickness, (4) unsteady flow, (5) instantaneous release from storage with the decline in head, (6) no storage within pumped wells, (7) a constant-head plane adjacent to bounding confining units, and (8) no horizontal component of flow through confining units. Preliminary estimates of horizontal and vertical hydraulic conductivity of 50 ft per day horizontal and 0.5 ft per day vertical were extrapolated from previous flow modeling and hydrogeologic framework studies of the Magothy aquifer. Two applications were then developed from the Hantush analytical model. Model A included only the pumping stress of S125632, whereas model B included the concurrent pumping stresses from two other production well fields (wells S66496 and S32551). Model A provided a sufficient match to the observed water-level responses from pumping, whereas model B more accurately reproduced water levels similar to those observed during non-pumping of S125632, as well as some effects of interference from the concurrent pumping nearby....



[Read Hydraulic Properties of the Magothy and Upper Glacial Aquifers at Centereach, Suffolk County, New York: Usgs Scientific Investigations Report 2009-5190 Online](#)



[Download PDF Hydraulic Properties of the Magothy and Upper Glacial Aquifers at Centereach, Suffolk County, New York: Usgs Scientific Investigations Report 2009-5190](#)



[Download ePub Hydraulic Properties of the Magothy and Upper Glacial Aquifers at Centereach, Suffolk County, New York: Usgs Scientific Investigations Report 2009-5190](#)

## Other Kindle Books



[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)**

Access the web link beneath to get "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)" PDF document.

[Download eBook »](#)



[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)**

Access the web link beneath to get "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)" PDF document.

[Download eBook »](#)



[PDF] **Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade**

Access the web link beneath to get "Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade" PDF document.

[Download eBook »](#)



[PDF] **Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Access the web link beneath to get "Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade" PDF document.

[Download eBook »](#)



[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 .**

Access the web link beneath to get "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 ." PDF document.

[Download eBook »](#)



[PDF] **Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities**

Access the web link beneath to get "Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities" PDF document.

[Download eBook »](#)



**[PDF] The Right Kind of Pride: A Chronicle of Character, Caregiving and Community**

Follow the link under to download and read "The Right Kind of Pride: A Chronicle of Character, Caregiving and Community" PDF file.

[Download Book »](#)



**[PDF] Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes**

Follow the link under to download and read "Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes" PDF file.

[Download Book »](#)



**[PDF] RCadvisor s Modify: Design and Build From Scratch Your Own Modern Flying Model Airplane In One Day for Just**

Follow the link under to download and read "RCadvisor s Modify: Design and Build From Scratch Your Own Modern Flying Model Airplane In One Day for Just " PDF file.

[Download Book »](#)



**[PDF] Oxford Reading Tree Traditional Tales: Level 1: the Elves and the Shoemaker**

Follow the link under to download and read "Oxford Reading Tree Traditional Tales: Level 1: the Elves and the Shoemaker" PDF file.

[Download Book »](#)



**[PDF] After Such Knowledge: Memory, History, and the Legacy of the Holocaust**

Follow the link under to download and read "After Such Knowledge: Memory, History, and the Legacy of the Holocaust" PDF file.

[Download Book »](#)



**[PDF] Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer**

Follow the link under to download and read "Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer" PDF file.

[Download Book »](#)