



## Geologic Map of the Edwards Aquifer in Northern Medina and Northeastern Uvalde Counties, South-Central Texas: Usgs Open-File Report 2006-1372

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By Allan K Clark, Jason R Faith

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The southern segment of the Edwards aquifer in south-central Texas is one of the most productive subsurface reservoirs of potable water in the world, providing water of excellent quality to more than a million people in the San Antonio region, where the Environmental Protection Agency (EPA) has declared it to be a sole-source aquifer (van der Leeden and others, 1990). Depending on the depositional province within which the associated carbonate rocks originated (Maclay and Small, 1984), the Edwards aquifer is composed of several geologic formations (primarily limestone and dolostone) of Early Cretaceous age. Most water pumped from the Edwards aquifer comes from the Person and Kainer Formations, which were deposited over the San Marcos Platform. The principal source of ground water in study area is the Devils River Formation, which was deposited in the Devils River trend. The Devils River Formation provides large quantities of irrigation water to fertile bottomland areas of Medina and Uvalde Counties, where the success of farming and ranching activities has long depended upon water from the Edwards aquifer. The study area includes all...



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