AVAILABILITY OF GROUND WATER IN THE KENTUCKY PARTS OF THE JOPPA AND METROPOLIS QUADRANGLES, JACKSON PURCHASE REGION, KENTUCKY

By Arnold J. Hauser, Jr.

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The availability of ground water in the Kentucky parts of the Joppa and Metropolis Quadrangles, Jackson Purchase Region, Kentucky, is considered in this study. The study area is shown on the map at the top of the page. The map is a generalized aquifer map, showing the location and type of water-bearing formations in the area. The map also indicates the location of wells and the quality of water in those wells.

The study area is divided into three main zones: the Mississippi Delta, the Ohio River Valley, and the Central Kentucky Highlands. Each zone has its own water-bearing formations and characteristics.

The Mississippi Delta zone is characterized by the presence of the Mississippi Delta, a large body of water that extends northward from the Gulf of Mexico. The Delta is made up of a series of islands and sloughs, and it is underlain by a variety of water-bearing formations, including sand, silt, and clay. The water in this zone is generally of high quality, with a high flow rate. The water levels in the Delta are controlled by the flow of water into the area from the Mississippi River and the effects of tides and currents.

The Ohio River Valley zone is characterized by the presence of the Ohio River, which flows through the area from west to east. The Ohio River is underlain by a variety of water-bearing formations, including sand, silt, and clay. The water in this zone is generally of high quality, with a high flow rate. The water levels in this zone are controlled by the flow of water into the area from the Ohio River and the effects of tides and currents.

The Central Kentucky Highlands zone is characterized by the presence of the Central Kentucky Highlands, a region of high elevation. The Highlands are underlain by a variety of water-bearing formations, including sand, silt, and clay. The water in this zone is generally of high quality, with a high flow rate. The water levels in this zone are controlled by the flow of water into the area from the surrounding highlands and the effects of tides and currents.

The study also includes a map showing the availability of ground water in the area, as well as a table indicating the location and quality of water in selected wells. The map and table are used to provide information about the availability of ground water in the area, and to assist in the development of water resources in the area.