Surficial Geology of Harrison County, Iowa

**Introduction to the Surficial Geology of Harrison County, Iowa**

Harrison County, Iowa, lies in the southeastern part of the state. It is bounded by Jones, Lee, and Clayton counties on the north; Des Moines and Madison counties on the east; Woodford County on the south; and Clinton and Lee counties on the west. The county is drained by tributaries of the Wapsipinicon River, which flows to the east through the center of the county. The county is characterized by gently rolling terrain with a mean elevation of 500 feet. The climate is temperate with hot, humid summers and cold, dry winters. The area has a rich agricultural history, with corn, soybeans, and hogs being the primary crops. The county is also home to a variety of small towns and rural communities. The surficial geology of Harrison County is complex, with a variety of geologic units and deposits. This map provides a detailed look at the geologic features and surficial deposits of the county, including glacial deposits, eolian deposits, and alluvial deposits. The map was created using aerial imagery and ground truthing, and includes a legend with key symbols and colors for easy interpretation. The map is part of the Illinois State Geological Survey's ongoing project to map the surficial geology of all 102 counties in Illinois. The information on this map is designed to help landowners, planners, and natural resource managers make informed decisions about land use, conservation, and development.