Surficial Geology of the Fertile NE (Iowa) 7.5' Quadrangle

**LEGEND**

- **Cretaceous**: Predominantly Cretaceous sediments, possibly used as a section in the map for a specific formation or unit.
- **Tertiary**: Predominantly Tertiary sediments, possibly used as a section in the map for a specific formation or unit.
- **Quaternary**: Predominantly Quaternary sediments, possibly used as a section in the map for a specific formation or unit.
- **Quadrangle Boundaries**: Physical boundaries of the quadrangle map.
- **County Boundaries**: Physical boundaries of the counties in the quadrangle map.
- **Location Map**: A smaller map indicating the location of the quadrangle within a larger area.
- **GEOLOGIC CROSS-SECTION A-B**: A cross-section diagram showing the geological layers and formations in the quadrangle.
- **Correlation of Map Units**: A diagram showing the correlation between different map units and their respective geological features.

**Surficial Geology of the Fertile NE (Iowa)**

**Title, Author, Agency, Contract and Acknowledgement Information**

- **Title**: Surficial Geology of the Fertile NE (Iowa) 7.5' Quadrangle
- **Author**: Howard, W.H., 1972, Surficial geology of the Fertile NE (Iowa) 7.5' Quadrangle, Worth County, Iowa: United States Geological Survey
- **Agency**: United States Geological Survey
- **Contract**: None specified
- **Acknowledgement**: None specified

**Introduction to the Surficial Geology of the Fertile NE 7.5' Quadrangle**

The Fertile NE 7.5' Quadrangle consists of surficial deposits of the Wisconsin Glacial Epoch. The map and its associated information provide a detailed geological analysis of the area. The Fertile NE 7.5' Quadrangle is located in Worth County, Iowa, and covers a significant portion of the state's landscape. The geological features and deposits are well documented, offering insights into the region's past and present geological activities.

**GEOLOGIC CROSS-SECTION A-B**

A cross-section diagram showing the geological layers and formations in the quadrangle, labeled for easy identification.

**Correlation of Map Units**

A diagram showing the correlation between different map units and their respective geological features, aiding in the understanding of the area's geological structure.

**Location Map**

A smaller map indicating the location of the quadrangle within a larger area, providing context for the geographical setting.

**Conclusion**

The Surficial Geology of the Fertile NE (Iowa) 7.5' Quadrangle reveals a rich geological history, characterized by various formations and deposits. The detailed analysis and information provided in the map and associated documents contribute significantly to the understanding of the region's geological features and their implications for future research and development projects.