SURFICIAL GEOLOGIC MAP OF THE 7.5' OKOBOJI QUADRANGLE

The map and cross section are based on interpretations of the best available information at the time of publication. Map interpretations are not a substitute for detailed site specific studies. This map was designed as a guide for civil engineering, archeology, water resources, waste management planning, and related activities. Detailed archeological profiles and test holes are necessary to confirm site-specific information. Field conditions might vary. This map was designed to be used in conjunction with other maps, topographic data,遥感 imagery, and other supporting data. The map is not a substitute for a detailed site-specific study.

The majority of the area studied is composed of glacial deposits derived from the Wisconsin Ice Sheet. Many of these deposits are complex and variable in character. The deposits are generally fine to medium grained and are interpreted as being residual in origin. In other areas the deposits are coarser in nature and are interpreted to be eolian or fluvial in origin. The deposits were moved by the glaciers during the Wisconsin Glacial Episode and consist of till, diamicton, and sand facies. The deposits are characterized by a series of landform expressions.

PRE-ILLINOIS SYSTEM

The deposits of this system are characterized by their limited extent and thickness associated with ice sheet movement. The deposits of this system are composed of silty and clayey till, with a few occurrences of reworked glacial or till deposits of the Wisconsin Glacial Episode. These deposits overlie the bedrock and in some cases, the Fox River Lobe till. The deposits are generally fine to medium grained and are interpreted as being residual in origin.