Surficial Geology of the Davenport East (Iowa) 7.5’ Quadrangle

The map and cross section are based on interpretations of the best available information at the time of publication. The map projection and coordinate system is Universal Transverse Mercator (UTM) Zone 15, datum NAD83. Land elevation contours are based on NGVD 1929. The origin of map symbols is explained in legend headings. The map projection and coordinate system are based on UTM Zone 15, datum NAD83. The map was scanned from the Davenport East 7.5' Topographic Quadrangle map, published by US Geological Survey in 1991.

**LEGEND**

**CENOZOIC**

**QUATERNARY SYSTEM**

**Recent**
- Alluvial and Outwash deposits (Illinois River Valley, 1-2 m thick)
- Surficial deposits of Wisconsin and Illinoian glacial deposits, including loess and eolian sand

**Pleistocene**
- Wisconsinian glaciation deposits of Illinoian age with up to 2 m thick
- Glacial deposits of Wisconsin age with up to 11m thick

**Pleistocene**
- Illinoian glacial deposits (Glasford Formation with or without a thin loess mantle)
- Wisconsinian glacial deposits (DeForest Formation)

**Recent**
- Alluvial and Outwash deposits (Mississippi River Valley, 23 ft thick)

**PALEOZOIC**

**Recent**
- Undifferentiated Silurian, Devonian and Pennsylvanian bedrock

**Quaternary System**

**Recent**
- Alluvial and Outwash deposits of Wisconsin and Illinoian age
- Surficial deposits of Wisconsin and Illinoian age

**Pleistocene**
- Wisconsinian glaciation deposits of Illinoian age
- Wisconsinian glaciation deposits of Wisconsin age

**Pleistocene**
- Illinoian glacial deposits
- Wisconsinian glacial deposits

**Recent**
- Alluvial and Outwash deposits

**Map projection and coordinate system**
- Universal Transverse Mercator (UTM) Zone 15
- Datum NAD83

**Land elevation contours**
- Based on NGVD 1929

**Drainage**
- The base map from USGS Davenport East 7.5' Digital Raster Graphic (IGS GIS file DRGB42.TIF) which was scanned from the Davenport East 7.5' Topographic Quadrangle map, published by US Geological Survey in 1991.

**Recognized for contributions to map’s production:**
- Lois Bair
- Drilling was provided under contract by the Scott County Engineer’s Office.