3-D Visualization of Bedrock Resources in Lake County, Illinois

A. 3-D Presentation includes the following:
1. Land Surface Imagery - Obtained on September 6, 1990, using a Pancam sensor.
2. Land Surface Imagery - The land surface through the area is composed of
   bedrock, unconsolidated glacial deposits, and surficial deposits.  The bedrock surface
   is the top of siltstone and dolomite formations, and the contour lines are in
   feet relative to mean sea level.  The land surface was derived from a 30-arc second
   digital elevation model.
3. Bedrock Geology - The land surface is composed of bedrock, unconsolidated
   glacial deposits, and surficial deposits.  The bedrock surface is the top of
   siltstone and dolomite formations, and the contour lines are in
   feet relative to mean sea level.  The bedrock surface was derived from a 30-arc second
   digital elevation model.
4. Bedrock Hydrogeology - The land surface is composed of bedrock, unconsolidated
   glacial deposits, and surficial deposits.  The bedrock surface is the top of
   siltstone and dolomite formations, and the contour lines are in
   feet relative to mean sea level.  The bedrock surface was derived from a 30-arc second
   digital elevation model.

B. Thematic Maps - This series of maps shows lines of equal sea-level elevations for selected
   bedrock formations.  The maps are oriented with north at the top and have been
   shaded to reflect the relative elevations.  The maps are derived from a 30-arc second
   digital elevation model.

C. Geologic Map - This series of maps shows lines of equal sea-level elevations for selected
   bedrock formations.  The maps are oriented with north at the top and have been
   shaded to reflect the relative elevations.  The maps are derived from a 30-arc second
   digital elevation model.

D. Bedrock Geology - The land surface is composed of bedrock, unconsolidated
   glacial deposits, and surficial deposits.  The bedrock surface is the top of
   siltstone and dolomite formations, and the contour lines are in
   feet relative to mean sea level.  The bedrock surface was derived from a 30-arc second
   digital elevation model.

E. Bedrock Hydrogeology - The land surface is composed of bedrock, unconsolidated
   glacial deposits, and surficial deposits.  The bedrock surface is the top of
   siltstone and dolomite formations, and the contour lines are in
   feet relative to mean sea level.  The bedrock surface was derived from a 30-arc second
   digital elevation model.

F. Bedrock Geology - The land surface is composed of bedrock, unconsolidated
   glacial deposits, and surficial deposits.  The bedrock surface is the top of
   siltstone and dolomite formations, and the contour lines are in
   feet relative to mean sea level.  The bedrock surface was derived from a 30-arc second
   digital elevation model.

G. Bedrock Hydrogeology - The land surface is composed of bedrock, unconsolidated
   glacial deposits, and surficial deposits.  The bedrock surface is the top of
   siltstone and dolomite formations, and the contour lines are in
   feet relative to mean sea level.  The bedrock surface was derived from a 30-arc second
   digital elevation model.