SURFICIAL GEOLOGIC MATERIALS
OF THE CENTRAL CITY QUADRANGLE

Description of Map Units

- **Mandol** of Topeka, Kansas, Iowa City office of the U.S. Geological Survey - Water Resources Division, Department of Geology at Cornell College, Iowa Department of

- **Dcv** FRACTURED CARBONATE BEDROCK (Cedar Valley Group) -- Zero to forty meters of fossiliferous limestone unit.

- **Sg** FRACTURED CARBONATE BEDROCK (Gower Formation) -- Zero to thirty meters of laminated, unfossiliferous, massive to weakly stratified, coarse to fine feldspathic pebbly sand and gravel of the Noah Creek Formation. Seasonally high and other organic-rich deposits in fens. Massive to well stratified at depth. Overlies sand and gravel and/or

- **Ssg** FRACTURED CARBONATE BEDROCK (Scotch Grove Formation) -- Zero to fifty meters of fossiliferous, variably massive to well stratified, noncalcareous, fine to medium, well sorted feldspathic pebbly quartz sand with intercalated gravel and loam. Overlies eroded, massive, jointed, firm, massive to well stratified, noncalcareous, fine to medium, well sorted feldspathic quartz sand. May overlie one

- **L** EOLIAN SAND (Peoria Formation - sand facies) -- Five to fifteen meters of yellowish brown to gray, moderately massive to well stratified, noncalcareous, fine to medium, well sorted feldspathic quartz sand. Overlies eroded, massive, jointed, firm, loamy glacial till of the Wolf Creek or Alburnett formations. Seasonally high and other organic-rich deposits in fens. Massive to well stratified at depth. Overlies sand and gravel and/or

- **O** Loamy AND SANDY SEDIMENT SHALLOW TO GLACIAL TILL (Unnamed erosion surface sediment) -- One to three meters of yellowish brown to gray, massive to weakly stratified, well to poorly sorted loamy, sandy till unit.