

### 34—EXPLANATION FOR CMYK COLOR CHART (PLATE A)

#### DISCUSSION

The CMYK Color Chart (Plate A) was designed to reproduce the colors shown on the U.S. Geological Survey's offset-printed process-ink color chart, "Printing Colors and Screens in Use by the U.S. Geological Survey for Geologic and Hydrologic Maps" (yellow/magenta/cyan version), which has long been used at the USGS for choosing unit colors on geologic maps. Plate A nearly exactly reproduces the offset-printed USGS color chart, except that the original color codes indicating the YMC (yellow/magenta/cyan) values have been converted to CMYK (cyan/magenta/yellow, with K = 0) to conform to industry standards.

For general information on the use of color and patterns on geologic maps, see Section 5 entitled "Guidelines for Color Design" in the accompanying introductory text.

CMY value shown below box;  
 see below for explanation of  
 abbreviations used (shown  
 along far left side of boxes)

Generic lookup-table  
 number shown in upper  
 left-hand corner of box  
 (can be used to access  
 a particular color from  
 a shadeset)

#### 8% CYAN WITH MAGENTA AND YELLOW



Abbreviations used to  
 specify CMY values