

**COLORADO GEOLOGIC SURVEY
OPEN-FILE REPORT 06-10**

**Geologic Map of the Maysville Quadrangle,
Chaffee County, Colorado**

The Colorado Department of Natural Resources is pleased to present the Colorado Geological Survey's Open-File Report 06-10, *Geologic Map of the Maysville Quadrangle, Chaffee County, Colorado*. Its purpose is to describe the geologic setting and mineral resource potential of this 7.5-minute quadrangle. Field work for this project was conducted during the summer of 2005.

This mapping project was funded jointly by the U.S. Geological Survey through Agreement No. 05HQAG0064 of the STATEMAP component of the National Cooperative Geologic Mapping Program, which is authorized by the National Geologic Mapping Act of 1997, and also by the Colorado Geological Survey using the Colorado Department of Natural Resources Severance Tax Operational Funds. The CGS matching funds come from the severance tax paid on the production of natural gas, oil, coal, and metals. Geologic maps produced by the CGS through the STATEMAP program are intended as multi-purpose maps useful for land-use planning, geotechnical engineering, geologic-hazards assessment, mineral-resource development, and ground-water exploration.

HOW TO USE THE FILES ON THE CD-ROM

Files on this CD-ROM are stored in Adobe Acrobat Portable Document Format (pdf), which is a cross-platform file format that allows documents to be uniformly accessed on a wide range of computer systems. The pdf files can be accessed using the free Adobe Reader Utility available on the internet at <http://www.adobe.com/products/acrobat/readstep2.html>.

Geographic Information Systems (GIS) data are also included on the CD-ROM. This data is in ESRI's Shapefile and Geodatabase format and can be accessed using GIS software such as ESRI's ArcGIS or the free ArcReader utility available on the internet at <http://www.esri.com/software/arcgis/arcreader/download.html>.

HOW TO IDENTIFY AND READ FILES ON THIS CD-ROM

This publication includes the following files:

- OF 06-10 About this CD.pdf
- OF 06-10 Maysville Authors' Notes.pdf
- OF 06-10 Maysville Map Plate 1.pdf
- OF 06-10 Maysville Plate 2.pdf (correlation of map units and 3-D oblique view)
- OF 06-10 Maysville Plate 3.pdf (cross sections)
- GIS Data folder containing Geodatabase files, Shapefiles, and ArcReader files

To view pdf files

If you do not already have Adobe Acrobat Reader installed on your machine, visit <http://www.adobe.com/products/acrobat/readstep2.html> to download a free version of the software. Start Adobe Acrobat Reader and choose File=>Print and locate the PDF files on the CD-ROM. If you wish to print the report you can do so using File=>Print. Some of the graphics in the report are in color and may take a few minutes to print.

To view GIS files

GIS files may be viewed using Geographic Information Systems software packages such as ESRI's ArcGIS platform. An ArcGIS 9.2 geodatabase is included in the GIS_DATA\geodatabase\ folder and can only be viewed with ArcGIS 9.2 or later version. Shapefiles are located in the GIS_DATA\shapefiles\ folder and can be viewed with most GIS software packages. Metadata is associated with both the geodatabase feature classes and the shapefiles and is best viewed using the Metadata tab in ESRI's ArcCatalog.

Alternatively, these files may be viewed using ESRI's free ArcReader 9.1 or newer software. To view the files using ArcReader, download the free ArcReader software at <http://www.esri.com/software/arcgis/arcreader/download.html>. Start ArcReader and choose File=>Open and navigate to the "OFR 06-10 Maysville.pmf" document located in the GIS_DATA\ArcReader\pmf\ folder. For more help on using ArcReader, choose Help=>ArcReader Help or download the ArcReader Tutorial from <http://www.esri.com/software/arcgis/arcreader/download.html>.

IMPORTANT: In order for the geology labels to view correctly in the "OFR 06-10 Maysville.pmf" the "aaaGeology.ttf" font must be copied from the GIS_DATA\font\ folder on this CD-ROM to the Windows system fonts folder usually located at C:\Windows\Fonts\.

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