COLORADO GEOLOGICAL SURVEY

Open-file Report OF-22-02
Geologic Map of the Brighton Quadrangle
Adams County, Colorado

HOW TO USE THIS ZIP FILE

To open the compressed (.zip) file that you downloaded, double-click on the file. Inside the folder labeled **OF-22-02**, there are a number of files and folders. Some files are in Adobe Portable Document (.pdf) format. Geographic Information Systems (GIS) data are also included. These data are in ESRI's Map Exchange (.mxd), Shapefile (.shp) and Geodatabase (.gdb) format along with USGS Geologic Map Schema Standard (GeMS) validation files (.html, .xml, and .txt).

HOW TO IDENTIFY AND READ FILES

REPORT DOCUMENTS

- **OF-22-02-Read_Me.pdf**
  This file

- **OF-22-02 Brighton Plate 1 - Geologic map.pdf**
  Includes geologic map and list of map units

- **OF-22-02 Brighton Plate 2 - xsection correlation oblique.pdf**
  Includes correlation of map units, geologic cross section, geologic history, stratigraphy, OSL data, and 3D oblique view of geologic map

- **OF-22-02-GIS_Data folder**
  Contains Geodatabase, Shape, and Map Exchange files, along with GeMS validation and metadata files

To view .pdf files
If you don't already have Adobe Reader installed on your device, visit https://get.adobe.com/reader/ to download a free version of the software. Then, start Adobe Reader and choose "File," "Open," and locate the .pdf files where you downloaded them, they will open in Adobe Reader.

To view GIS files
Geographic Information Systems files may be viewed using GIS software packages such as ESRI's ArcGIS platform. Included are Geodatabases, Shapefiles and layer files of the geologic elements. Within ArcGIS, it may be necessary to reset the "data source" on layer files to ensure proper viewing. 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 QGIS, a free and open-source GIS software package, available for download at https://download.qgis.org/.

The GIS package follows GeMS database design. More information about this critical information resource and the standards it incorporates may be found on the USGS National Geologic Map Database (NGMDB) site.

For further information or assistance, contact the Colorado Geological Survey at:

Colorado Geological Survey / Colorado School of Mines
(303) 384-2655 / CGS_Pubs@mines.edu
https://coloradogeologicalsurvey.org/