

COLORADO GEOLOGICAL SURVEY

Open-File Report OF-22-14D

Digital Compilation of Surficial and Bedrock Geology of the Grand Junction 30x60 Minute Quadrangle, Delta, Garfield and Mesa Counties, Colorado (Data)

CITATION

Sebol, Lesley A., and Kassandra O. Lindsey. "OF-22-14D Digital Compilation of Surficial and Bedrock Geology of the Grand Junction 30x60 Minute Quadrangle, Delta, Garfield and Mesa Counties, Colorado (Data)." *Geologic, Digital (variable). Open File Report*. Golden, CO: Colorado Geological Survey, August 2023.
<https://doi.org/10.58783/cgs.of2214.agzj7810>. CGS Publications.

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-22-14D**, there are several files and folders. Some files are stored in HTML (.html); Text (.txt); Excel (.xlsx); and XML (.xml) formats. These all relate to the main Geographic Information Systems (GIS) data that comprise this package. These data are in ESRI's Shapefile and Geodatabase formats.

HOW TO IDENTIFY AND READ FILES

REPORT DOCUMENTS

- **OF-22-14D-Read_Me.pdf**
This file
- **OF-22-14D GIS_Data folder**
 - OF_22_14D_Grand_Junction_Surficial_Database Folder
Contains Geodatabase, Shape, Layer, GeMS metadata, and font files
 - OF_22_14D_Grand_Junction_Surficial-open Folder
Contains OPEN shapefile version of surficial database
 - OF_22_14D_Grand_Junction_Bedrock_Database Folder
Contains Geodatabase, Shape, Layer, GeMS metadata, and font files
 - OF_22_14D_Grand_Junction_Bedrock-open Folder
Contains OPEN shapefile version of surficial database

To view .xml files

These files, when selected should open automatically in your web browser of choice.

To view GIS files

GIS files may be viewed using Geographic Information Systems 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. Comprehensive metadata is

available within the OF_22_14D_Grand_Junction_Surficial_Database/OF_22_14D_Grand_Junction_Surficial-metadata.xml and OF_22_14D_Grand_Junction_Bedrock_Database/OF_22_14D_Grand_Junction_Bedrock-metadata.xml file.

Alternatively, these files may be viewed using QGIS, a free and open-source GIS software package, available for download at <https://download.qgis.org/>. An OPEN shapefile version of the dataset is also included. It consists of shapefiles, DBF files, and delimited text files and retains all information in the native geodatabase, but some programming will likely be necessary to assemble these components into usable formats.

This GIS package follows the [USGS Geologic Map Schema Standard \(GeMS\)](#) 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:

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