

COLORADO GEOLOGICAL SURVEY

Open-file Report OF-20-06 **Geologic Map of the Kersey Quadrangle** **Weld County, Colorado**

CITATION

Lindsey, Kassandra O., and Martin J. Palkovic. "OF-20-06 Geologic Map of the Kersey Quadrangle, Weld County, Colorado." *Geologic*, 1:24,000. Open File Report. Golden, CO: Colorado Geological Survey, November 2022. <https://doi.org/10.58783/cgs.of2006.vdlh3013>. 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-20-06**, there are a number of files and folders. Some files are stored in Adobe Portable Document (.pdf) format. Geographic Information Systems (GIS) data are also included. These data are in ESRI's Shapefile and Geodatabase format.

HOW TO IDENTIFY AND READ FILES

REPORT DOCUMENTS

- **OF-20-06-Read_Me.pdf**
This file
- **OF-20-06 Kersey Plate 1 - Geologic map.pdf**
Includes geologic map and list of map units
- **OF-20-06 Kersey Plate 2 - xsection correlation oblique.pdf**
Includes correlation of map units, geologic cross section, geologic history, stratigraphy, Carbon-14 dates, OSL analysis, References, and 3D oblique view of geologic map
- **OF-20-06-GIS_Data folder**
Contains Geodatabase, Shape, Layer, and font 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

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. 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/>. 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.

The 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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