

COLORADO GEOLOGICAL SURVEY

Information Series IS-57 Database of Geochemical Analyses of Carbonate Rocks in Colorado 2001

INTRODUCTION

This publication provides existing location, geological, and geochemical data for sedimentary carbonate rock samples collected throughout Colorado by various institutions or individuals.

HOW TO USE THIS ZIP FILE

To open the compressed (.zip) file that you downloaded, double-click on the file. Inside the folder labeled **IS-57**, there are a number of files and folders. Some files are in Adobe Portable Document (.pdf) format, one is in Microsoft Access (.mdb) 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

- **IS-57-Read_Me.pdf**

This file

- **IS-57-map.pdf**

Derivative geologic map based upon the 1979 Geologic Map of Colorado (Tweto) showing the extent of limestone- and dolomite-bearing formations throughout the state

- **IS-57-db.mdb**

Microsoft Access database includes a compilation of location, geological, and geochemical data for sedimentary carbonate rock samples collected throughout Colorado by various institutions or individuals

- **GIS_Data folder**

Contains Geodatabase, Shape, and Layer 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 .mdbfiles

You will need a current copy of Microsoft Access to open the database. Several queries and reports have already been set up within the database to help the user quickly determine locations for higher-grade samples. Descriptions for field names and calculations are located in the design view of the geochemistry table.

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://qgis.com>.

For further information or assistance visit or call the Colorado Geological Survey at:

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