

**COLORADO GEOLOGICAL SURVEY**  
**Map Series MS-17**  
**Inventory of Nonmetallic Mining and Processing Operations in 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 **MS-17**, there are a number of files and folders. Some files are stored in Adobe Portable Document (.pdf) format and Microsoft Excel (.csv) 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**

- **MS-17-Read\_Me.pdf**  
*This file*
- **MS-17.pdf**  
*Includes the original report and scans of 17 map plates*
- **MS-17.csv**  
*A digital inventory of nonmetallic mining and processing operations in Colorado*
- **GIS\_Data folder**  
*Contains GIS, Shape, Layer, 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 .csv files**

Microsoft Excel or LibreOffice will open this spreadsheet file.

### **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/>.

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

**Colorado Geological Survey / Colorado School of Mines**

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**<https://coloradogeologicalsurvey.org/>**



**COLORADO GEOLOGICAL SURVEY**  
**COLORADO SCHOOL OF MINES**

