

This digital Open-File Report 99-0032 represents version 1.0 of the geologic map of the San Guillermo Mountain quadrangle, Ventura County, California. Most of the files constituting this geologic map database have been archived (bundled) and compressed into the accompanying file `sgm.tar.gz` using the UNIX TAR and GZIP utilities. (For software that enables you to uncompress and extract these files on your Windows or Macintosh computer, see <http://greenwood.cr.usgs.gov/maps/software.html>.)

Accompanying the `sgm.tar.gz` archive file and this `000readme` file are two files in Portable Document Format (PDF) that allow for viewing and printing the map using Adobe Acrobat Reader (v. 4.0 or later only). (Adobe Acrobat Reader 4.0 viewing software is available free from <http://www.adobe.com/prodindex/acrobat/readstep.html>). File `sgm24k.pdf` is a 1:24,000-scale graphics display of the actual geologic map and accessory elements. Accessory map elements displayed in this graphics file are: (1) geologic cross section A-A', (2) geologic cross section B-B', (3) correlation of map units diagram, (4) list of map unit symbols and names, and (5) explanation of map symbols. File `sgmexpl.pdf` is a detailed textual description of geologic map units and a discussion of deposits, structure, and geologic history of the map area that can also be displayed using the Adobe Acrobat viewing software.

The actual geologic map database comprises four component ArcINFO map coverages that can be accessed after decompressing and unbundling the `sgm.tar.gz` file. These four coverages (`sgmpoly`, `sgmline`, `sgmpoint` and `sgmdec`) are formatted here in Arc EXPORT format (i.e., `sgm*.e00`). The `sgmpoly` coverage contains all contact lines and labelpoints for each of the map polygons. The `sgmline` coverage contains faults, fold axis, and other non-contact lines. Faults that are contacts also appear in the `sgmpoly` coverage. The `sgmpoint` coverage contains points recording site-specific observations and measurements, such as strike and dip of bedding. Although not part of the geologic map database, the included `sgmdec` coverage contains points used for cartographically decorating lines, such as ball-and-bar fault symbols, as well as a repeat of points in the `sgmpoint` coverage recording site-specific observations and measurements. The `sgmdec` point data provide additional qualitative geologic information mainly for line features representing faults and folds, such as sense of fault displacement or fold type. To use these various geographic information system (GIS) files included in the archive, please first run the `import.aml` file. To do this you must have this directory accessible to the ArcINFO program. The easiest way to do this is to change directories to this directory first and then type "arc" at the command prompt to launch the program. You may then want to type "w" and return to confirm your directory location. You may see the text "WARNING: New location is not a workspace." returned from the program. This is because the GIS coverage files and associated shadeset have not yet been imported. To run the `import.aml` program, type "import" and return at the Arc command prompt. The program will then import all the necessary files. Next, type "listcoverages" and return to confirm that coverages, and shadeset have been created for all files with the `.e00` extension. Please refer to the file `sgmetdat.txt` or `sgmetdat.html` for detailed metadata documentation for the geologic GIS database.

List of files:

`000readme.pdf`

`000readme.txt`

`color524.shd`

import.aml  
sgm24k.pdf  
sgmdec.e00  
sgmetdat.html  
sgmetdat.txt  
sgmexpl.pdf  
sgmline.e00  
sgmpoint.e00  
sgmpoly.e00