File: **HOW2USE.TXT**
Date: September 28, 1996

INTRODUCTION

This CD-ROM is one of a series produced by the U.S. Geological Survey
(USGS). This series contains digital raster graphic (DRG) images of USGS
standard series quadrangle maps of the United States, its Trusts, and
Territories. The DRG images contained on this disc are identified in
DRG_LIST.TXT located in the \DOCUMENT directory.

The data contained on this disc were produced through an Innovative
Partnership agreement between The Land Information Technology Company,
Ltd., of Aurora, CO, and the U.S. Geological Survey.

MENU SYSTEM

This CD-ROM includes a text-based user interface menu system for MS-DOS
compatible computers. The interface facilitates access to, and use of,
all text files.

To invoke the user interface from the system prompt, enter:

    DRG (in either uppercase or lowercase)

IMAGE COMPRESSION

CD-ROM's are capable of storing approximately 650 megabytes of digital
information. It was necessary to compress each image file to facilitate
distribution on one disc. All data files on this disc were compressed
using TIFF PackBits software. For information about the compression
software and its use, please refer to TIFF_60.TXT in the \DOCUMENT
directory.

VIEWING SOFTWARE

This CD-ROM includes two freeware software packages that will enable
the user to view all DRG images stored on this disc. Windows-based
ArcView Version 1.0 software was furnished by Environmental Systems
Research Institute, Inc. (ESRI). DOS-based Aerial View Lite software was
furnished by Gary Mart.

Information about the viewing software packages and their uses may be found in the ARC_VIEW.TXT and AV_LITE.TXT files in the \ARCVIEW and \AV_LITE directories, respectively.

Any use of trade, product, or firms names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

DIRECTORY STRUCTURE

For those who prefer to explore the contents of this disc without using the menu system, or for users of operating systems other than MS-DOS, a generic example of the directory tree is shown below.

```
\
|   DRG.BAT      MENU.PDF
|
|---AV_LITE
|   AV_LITE.TXT   AVL_INST.BAT   AVL_ZIP.EXE
|
|---ARCVIEW
|   ARC_VIEW.TXT   ARC_INST.BAT   ARCVIEW1.EXE
|
|---ACROBAT
|   ACROREAD.EXE   ACROBAT.TXT
|
|---DATA
|   DRG Image files identified by .TIF extensions.
|   Associated World files identified by .TFW extensions.
|
|---INDEX
|   Map Index file(s) with .TIF extensions.
|   ArcView 1.0 Views with .AV extensions.
|
|---DOCUMENT
|   DRG_LIST.TXT   DRG_NAME.TXT   DRG_PKG.TXT    DRG_STD.TXT
|   MAPINDEX.TXT   READ_ME.TXT    TIFF_60.TXT    USGSINFO.TXT
|   GEO_TIFF.TXT   DOS_MENU.TXT   HOW2USE.TXT    TIFF_60.PS
|
|---DOCU_PDF
|   (.PDF format of all ASCII text files on this CD-ROM,
|     except DRG_LIST.TXT)
|   HOW2USE.PDF   DRG_NAME.PDF   DRG_PKG.PDF    DRG_STD.PDF
|   MAPINDEX.PDF   READ_ME.PDF    TIFF_60.PDF    USGSINFO.PDF
```

```
|   GEO_TIFF.PDF   DOS_MENU.PDF   AV_LITE.PDF    ARC_VIEW.PDF
|   ACROBAT.PDF
|
|---DOSMENU
|   ARCMENU.DAT   AVLMENU.DAT   BROWSE.EXE    VIEWMENU.DAT
|   DOCUMENU.DAT  GSMENU.EXE    MAINMENU.DAT   DRG_INFO.DAT
|   ACROBAT.DAT
|
+---METADATA
    Federal Geographic Data (Metadata files) identified by .FGD
    extensions (one for each data set).
```

DESCRIPTION OF TEXT FILES

DRG.BAT   - This batch file is used to start the GSMENU software menu.

HOW2USE.TXT   - (This file) Describes the disc directory structure and the
                          contents and location of all text and data files.

MENU.PDF   - Adobe PDF format menu. This file contains links to other
                          files in .PDF format. The linked files contain the same
                          information as the files in the \DOCUMENT directory.

README.TXT   - DRG product information overview covering:

        Product Liability

        Description of a DRG

        Displaying a DRG

        Georeferencing information

        Product specifications

DOS_MENU.TXT   - Brief description of the text-based user interface or menu
                          system, including instructions on its use.

DRG_LIST.TXT   - Sorted list of all DRG images contained on this disc. The
                          list contains the data set name (DSN), map scale,
                          quadrangle name, State(s), and the size (bytes) of each
                          image. THIS FILE IS NOT AVAILABLE IN .PDF FORMAT.

DRG_STD.TXT   - Standards for DRG's, including the metadata template.

GEO_TIFF.TXT   - GeoTIFF Revision 0.2 specifications.

TIFF_60.TXT   - TIFF Revision 6.0 specifications.

AV_LITE.TXT   - Information about the Aerial View Lite viewing software package, including installation instructions.

ARC_VIEW.TXT   - Information about the ArcView Version 1.0 viewing software package, including installation instructions.

ACROBAT.TXT   - Information about the ACROBAT Reader software package, including installation instructions.

DRG_NAME.TXT   - Describes the standardized DRG data set names, including illustrations of file naming schemes for each map series.

DRG_PKG.TXT   - Describes the packaging specifications for DRG products on CD-ROM.

MAPINDEX.TXT   - Describes the functionality of the map index images included on this disc. These images provide useful map reference information.

USGSINFO.TXT   - Provides information about the points of contact for the DRG program and the nationwide network of Earth Science Information Center (ESIC) offices.