File: **HOW2USE.TXT**
Date: September 28, 1995

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 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.

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     ACROINST.BAT
|
|---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).
```

Files with .BPT extensions (not shown) are used by the text browser to
index .TXT files.

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.