

PRODUCT OVERVIEW AND OPERATION

DI-19: Geologic spatial data for the Roskruge and Waterman Mountains and western Avra Valley area, Pima County, Arizona

System Requirements:

Windows 95/98/2000 or Windows NT4.0

[Adobe® Acrobat Reader](#) is required to view documents distributed in Adobe® PDF format.

A web browser is needed for viewing HTML files.

Project File Operation:

The ArcView project, *DI-19(RoskrugeWaterman).apr*, can be opened directly from the CD-ROM by double-clicking the project file in the */DI-19(RoskrugeWaterman)/projects* folder, or it can be opened from your local hard-drive by first copying the */DI-19(RoskrugeWaterman)* directory, with all subdirectories, to a root directory on the local hard drive and then double-clicking the project file there. If the */DI-19(RoskrugeWaterman)* directory is copied into a subdirectory, rather than into the root directory, the project file will not open correctly without first modifying it. Such modifications should only be attempted by advanced ArcView users who understand the ramifications of altering the project file.

The fonts located in the */DI-19(RoskrugeWaterman)/support/fonts* folder must be copied into the *C:\(system)\Fonts* directory of the local hard drive. Without these fonts, the default project palette (*azgsgeopalette.avp*, in the */DI-19(RoskrugeWaterman)/support/palettes* folder) will not display symbols correctly.

Data Organization:

The organization of the data in this product, including the design of the database, the procedures used to create the data set, and the feature codes used to attribute the data, are explained in the Data Structure document (*datastructure(DI-19).pdf*). The data lookup tables are in the accompanying Microsoft Access database (*RoskrugeWaterman.mdb*). Complete FGDC-compliant metadata files are located in the */DI-19(RoskrugeWaterman)/metadata* folder.

File Overview:

DI-19(RoskrugeWaterman) – parent folder

acrobat – folder containing the installation file for Adobe® Acrobat Reader v4.05c

ar405eng.exe – Adobe® Acrobat reader v4.05c installation file

arcexplorer – ArcExplorer installations

ver1.1 – folder containing ArcExplorer 1.1 installation files for Windows 95/98, or Windows NT operating systems (requires that Service Pack 3 or higher is installed if being used with Windows NT)

aeclient.exe – installation file for ArcExplorer 1.1

arcexplorer1.pdf – help manual for ArcExplorer 1.1 in Adobe® PDF format

ver3-java – folder containing ArcExplorer 3.0 installation files for Windows 98/2000, or Windows NT 4.0 for Intel, Service Pack 4, 5, and 6a
AEJavaSetup.exe – installation file for ArcExplorer 3.0 for Windows
ArcExplorer3.pdf – help manual for ArcExplorer 3.0 in Adobe® PDF format
jre1_2_2-004-win-i.exe – installation file for Java Runtime Environment (JRE): 1.2.2-004 with Java Plug-in (automatically installed during ArcExplorer 3 installation if required)

ver3-unix – folder containing ArcExplorer 3.0 installation files for Solaris 2.6 or Solaris 7 operating systems
ArcExplorer3.pdf – help manual for ArcExplorer 3.0 in Adobe® PDF format
ArcExplorer3_0_tar.z – zipped installation file for ArcExplorer 3.0 for Unix
explorer_unix.htm – ArcExplorer installation instructions for Unix

import71.exe – installs the ArcExplorer 1.1 Import Utility that converts Arc/Info interchange files (*.e00) into Arc/Info coverages that can then be used in ArcExplorer

arcexports – folder containing the interchange files for the ArcInfo coverages
roskgeo.e00 – interchange file for the coverage containing geologic polygons and lines
roskpnt.e00 – interchange file for the coverage containing geologic point stations

coverages – ArcInfo workspace containing the coverages for this project
info – INFO database subdirectory containing ArcInfo-generated data files and feature attribute table definitions for the coverages
roskgeo – ArcInfo coverage containing geologic polygons and lines
roskpnt – ArcInfo coverage containing geologic point stations

database – folder containing a Microsoft Access database
RoskrugWaterman.mdb – a Microsoft Access 1997 database that contains the lookup tables that define the geologic map data and lithologic information

graphics – folder containing default visualizations of the project map
legend(300dpi).jpg – medium resolution default visualization of the geologic map unit explanation at 300 dpi
map(150dpi).jpg – low resolution default visualization of the geologic map at 150 dpi

metadata – the metadata files that describe this map
roskcartolines-metadata.htm – the FGDC-compliant metadata for the *roskcartolines* shapefile in HTML format
roskcartolines-metadata.txt – the FGDC-compliant metadata for the *roskcartolines* shapefile in plain text format
roskcartolines-metadata-FAQ.htm – the FGDC-compliant metadata for the *roskcartolines* shapefile in HTML format showing a list of frequently asked questions
roskcartopnts-metadata.htm – the FGDC-compliant metadata for the *roskcartopnts* shapefile in HTML format
roskcartopnts-metadata.txt – the FGDC-compliant metadata for the *roskcartopnts* shapefile in plain text format
roskcartopnts-metadata-FAQ.htm – the FGDC-compliant metadata for the *roskcartopnts* shapefile in HTML format showing a list of frequently asked questions

roskgeo-metadata.htm – the FGDC-compliant metadata for the *roskgeo* coverage in HTML format

roskgeo-metadata.txt – the FGDC-compliant metadata for the *roskgeo* coverage in plain text format

roskgeo-metadata-FAQ.htm – the FGDC-compliant metadata for the *roskgeo* coverage in HTML format showing a list of frequently asked questions

roskgeolines-metadata.htm – the FGDC-compliant metadata for the *roskgeolines* shapefile in HTML format

roskgeolines-metadata.txt – the FGDC-compliant metadata for the *roskgeolines* shapefile in plain text format

roskgeolines-metadata-FAQ.htm – the FGDC-compliant metadata for the *roskgeolines* shapefile in HTML format showing a list of frequently asked questions

roskmapsource-metadata.htm – the FGDC-compliant metadata for the *roskmapsource* shapefile in HTML format

roskmapsource-metadata.txt – the FGDC-compliant metadata for the *roskmapsource* shapefile in plain text format

roskmapsource-metadata-FAQ.htm – the FGDC-compliant metadata for the *roskmapsource* shapefile in HTML format showing a list of frequently asked questions

roskpnt-metadata.htm – the FGDC-compliant metadata for the *roskpnt* coverage in HTML format

roskpnt-metadata.txt – the FGDC-compliant metadata for the *roskpnt* coverage in plain text format

roskpnt-metadata-FAQ.htm – the FGDC-compliant metadata for the *roskpnt* coverage in HTML format showing a list of frequently asked questions

roskrugetopo-metadata.htm – the metadata for the digital topographic background map in HTML format

roskrugetopo-metadata.txt – the metadata for the digital topographic background map in plain text format

roskrugetopo-metadata-FAQ.htm – the metadata for the digital topographic background map in HTML format showing a list of frequently asked questions

projects – folder containing the ArcView project

RoskrugWaterman.apr – ArcView 3.2 project file for DI-19

shapefiles – the cartographic shapefiles for the project

roskcartolines.shp (.dbf, .shx) – shapefile containing cartographic lines, such as text lead-in lines

roskcartopnts.shp (.dbf, .shx) – shapefile containing cartographic points, such as text label points

roskgeolines.shp (.dbf, .shx) – shapefile containing geologic lines not bounding polygons, such as concealed faults

roskmapsource.shp (.dbf, .shx) – shapefile containing generalized mapping responsibility polygons

support – folder containing additional support files used in the ArcView project

fonts – folder containing fonts required for correct symbol display

AZGS_geo.tff – True Type Font (AZGSgeo) created at the Arizona Geological Survey that contains custom geologic and cartographic symbols
AZGSA___.tff – True Type Font (AZGSArial) that contains the custom geologic age symbols (**R** ; **P** ; **C** ; **C** ; **E** ; **Mz**).
ESRI_1.tff – True Type Font (ESRI Cartography) that contains symbols used in the AZGSgeopalette palette for the ArcView project.
ESRI_3.tff – True Type Font (ESRI Geometric Symbols) that contains symbols used in the AZGSgeopalette palette for the ArcView project.

legends – folder containing the legend files for the ArcView project
cartolines.avl – symbolizes *other text leaders, dike label leaders, and unit label leaders* themes
cartosymbols.avl – symbolizes the *cartographic symbols* theme
contacts.avl – symbolizes the *contacts* theme
geolines.avl – symbolizes the *other lines* theme
geology.avl – symbolizes the *map units* theme
samplestations.avl – symbolizes the *sample points* theme
structure.avl – symbolizes the *structural measurements* theme
palette – folder containing the ArcView palette used in this project
AZGSgeopalette.avp – the custom ArcView Palette created by the Arizona Geological Survey that is used for this project

text – the text files that accompany and help describe this project

datastructure(DI-19).htm – a description of the data structure for DI-19 in HTML format

datastructure(DI-19).pdf – a description of the data structure for DI-19 in Adobe® PDF format

topo – folder containing the topographic base maps for the project area

roskrugetopo.tif (.tfw) – a 1:24,000 scale digital topographic map for the map area in TIFF format (with its associated world file)

coverpage(DI-19).htm – the DI-series title page for this digital product in HTML format

coverpage(DI-19).pdf – the DI-series title page for this digital product in Adobe® PDF format

overview(DI-19).htm – an overview of the files included with this digital product in HTML format (this document)

overview(DI-19).pdf – an overview of the files included with this digital product in Adobe® PDF format (this document)