

Readme

Bedrock Topography and Sediment Thickness DEMs of the Greater Toronto and Oak Ridges Moraine Areas, Southern Ontario

Recommended citation(s)

Any use of this digital file should be referenced to the following citation. Geological discussion pertaining to the geology of a specific map should reference the appropriate authors as indicated below.

Russell, H.A.J, and Stacey, P.,(compilers) 2001: Bedrock Topography and Sediment Thickness DEMs of the Greater Toronto and Oak Ridges Moraine Areas, Southern Ontario; Geological Survey of Canada, Open File 3699, 1 October, 2001.

Bedrock DEM

Brennand, T.A., Moore, A., Logan, C., Kenny, F., Russell, H.A.J., Sharpe, D.R. and Barnett, P.J. 1998: Bedrock Topography of the Greater Toronto and Oak Ridges Moraine areas, southern Ontario; in Russell, H.A.J, and Stacey, P.(compilers): Bedrock Topography and Sediment Thickness DEMs of the Greater Toronto and Oak Ridges Moraine Areas, Southern Ontario; Geological Survey of Canada, Open File 3699, 1 October 2001

Sediment Thickness DEM

Russell, H.A.J., Moore, A., Logan, C., Kenny, F., Brennand, T.A., Sharpe, D.R. and Barnett, P.J. 1998: Sediment Thickness of the Greater Toronto and Oak Ridges Moraine areas, southern Ontario; in Russell, H.A.J, and Stacey, P.(compilers): Bedrock Topography and Sediment Thickness DEMs of the Greater Toronto and Oak Ridges Moraine Areas, Southern Ontario; Geological Survey of Canada, Open File 3699, 1 October 2001.

About the CD-ROM

Title: Bedrock Topography and Sediment Thickness DEMs of the Greater Toronto and Oak Ridges Moraine Areas, Southern Ontario

(CD-ROM)

Geological Survey of Canada Open File 3699

1 October 2001.

This CD-ROM contains two sets of digital data files.

Bedrock Topography
Sediment Thickness

Directory Structure

The CD-ROM is divided into the following primary directories:

\Doc - documentation
 \Metadata - Metadata for the CD
 \Data - Data in a variety of formats (see below)
 \Soft - Software for documentation - Adobe Reader

Root directory

\intro.pdf - provides a table of contents and links to all the pdf files

\Doc

Development documentation is provided in adobe acrobat file (*.pdf):

\Doc\readme.txt

\Doc\readme.pdf - general overview
 citation - proper title for product
 directory structure
 file formats
 assistance
 abstract - abstract for product

\Doc\End users agreement.pdf

\Doc\Bedrock.pdf

\Doc\Sed_thk.pdf

|Metadata

\Metadata\bedrock.pdf

\Metadata\sed_thk.pdf

\Metadata\bedrock.rtf

\Metadata\sed_thk.rtf

\Data

Data files are provided in a variety of formats

Raster:

E00 - The Arc/Info coverages are in binary format (*.E00) for Arc/Info
 MapInfo / Vertical Mapper grid
 USGS DEM

Each data subdirectory contains uncompressed files. The files can be accessed directly from the CD-ROM.

\Soft

Adobe Acrobat Reader 4.0 software

Assistance

Questions, suggestions, and comments regarding this CD-ROM should be addressed to:

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Abstract:

This CD-ROM digital release contains digital elevation model files for the bedrock topography and sediment thickness surfaces of the Greater Toronto and Oak Ridges Moraine areas. The data on this CD-ROM has been released previously at 1:200,000 scale as two hardcopy Geological Survey of Canada Open Files. The documentation that accompanied the hardcopy maps is included on this CD-ROM for convenience. The bedrock topography DEM was generated in ArcInfo using a TIN and 17,000 points. Data were obtained from a variety of sources, including: MOE water wells, geotechnical reports, geological surveys, hydrogeology studies and GSC seismic surveys. The sediment thickness DEM is a derivative surface produced by subtracting the bedrock surface from the topographic surface DEM (Kenny et al. 1999). The files on this CD-ROM are provided in a variety of formats, including: E00, MapInfo - Vertical Mapper and USGS DEM. This CD-ROM does not contain any base information from Geomatics Canada National Topographic Database.

The Oak Ridges Moraine NATMAP and Hydrogeology Project has been a collaborative geoscience project with the Ontario Geological Survey, Ontario Ministry of Environment and the Ontario Ministry of Natural Resources.

End Users Agreement:

[link to document](#)