

## 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  
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#### **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

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**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

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**|Metadata**

\Metadata\bedrock.pdf

\Metadata\sed\_thk.pdf

\Metadata\bedrock.rtf

\Metadata\sed\_thk.rtf

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**\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.

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\Soft

Adobe Acrobat Reader 4.0 software

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**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](#)