

Surficial Materials (Nunavut)

Abstract

Surficial Materials are unconsolidated earth deposits of various origins. This map shows the distribution of surficial materials in Canada, on land and in extensive offshore areas.

The Surficial materials data comes from the map Surficial Materials of Canada, published at the scale of 1:5 000 000 by the Geological Survey of Canada. It portrays broad genetic categories of surface materials, such as alluvial, lacustrine, marine, and glacial, as well as bedrock. The categories are subdivided according to different characteristics: texture such as marine mud or marine sand; thickness such as till blanket or till veneer; and landform types such as glaciofluvial plain or glaciofluvial complex. Surficial materials maps can be used to help identify valuable rocks for sculpting.

Map Sources

Surficial Materials

Fulton, R.J. 1995. Surficial Materials of Canada, Geological Survey of Canada, Map 1880A

References

Fulton, R.J. (ed.). 1984. Quaternary Stratigraphy of Canada. A Canadian Contribution to IGCP Project 24. Geological Survey of Canada, Paper 84-10.

Fulton, R.J. (Scientific editor). 1989. Quaternary Geology of Canada and Greenland. Geological Survey of Canada, Geology of Canada Series; no. 1. Geological Society of America, Geology of North America Series; VOL. K-01.

Nunavut Implementation Commission. 1995. Footprints in New Snow: A comprehensive Report from the Nunavut Implementation Commission to the Department of Indian and Northern Development, Government of the Northwest Territories and Nunavut Tunngavik Incorporated Concerning the Establishment of the Nunavut Government. Iqaluit, Northwest Territories. 263 pp.

Sibrava, V., D.Q. Bowen and G.M. Richmond (eds.). 1986. Quaternary Glaciations in the Northern Hemisphere. Quaternary Science Reviews, The International Multidisciplinary Review Journal, Volume 5. Oxford: Pergamon Press.

Related Web sites (1999 – 2009)

Federal Government

CEONet Database.

<http://ceonet.ccrs.nrcan.gc.ca/>

Find maps, satellite images, publications and other geospatial data provided by Canadian and international organizations.

Natural Resources Canada. Earth Sciences Information Centre Catalogue

<http://geoinfo.gsc.nrcan.gc.ca/screens/opacmenu.html>

The Earth Sciences Information Centre (ESIC) holds Canada's largest collection of books, journals, maps and photos in the earth sciences, in print and electronic formats.

Natural Resources Canada. Geological Survey of Canada. Canadian Landscapes

http://gsc.nrcan.gc.ca/landscapes/index_e.php

This collection of photos of Canadian landscapes and landforms is presented as a public service to illustrate the great diversity of Canadian scenery.

Natural Resources Canada. Geological Survey of Canada. Surficial Materials of Canada

http://gsc.nrcan.gc.ca/map/1880a/index_e.php

Surficial Materials of Canada - Map 1880A. This map shows the distribution of surficial materials in Canada, on land and in extensive offshore areas, and portrays broad genetic categories of surface materials (alluvial, lacustrine, marine, glacial) and bedrock.