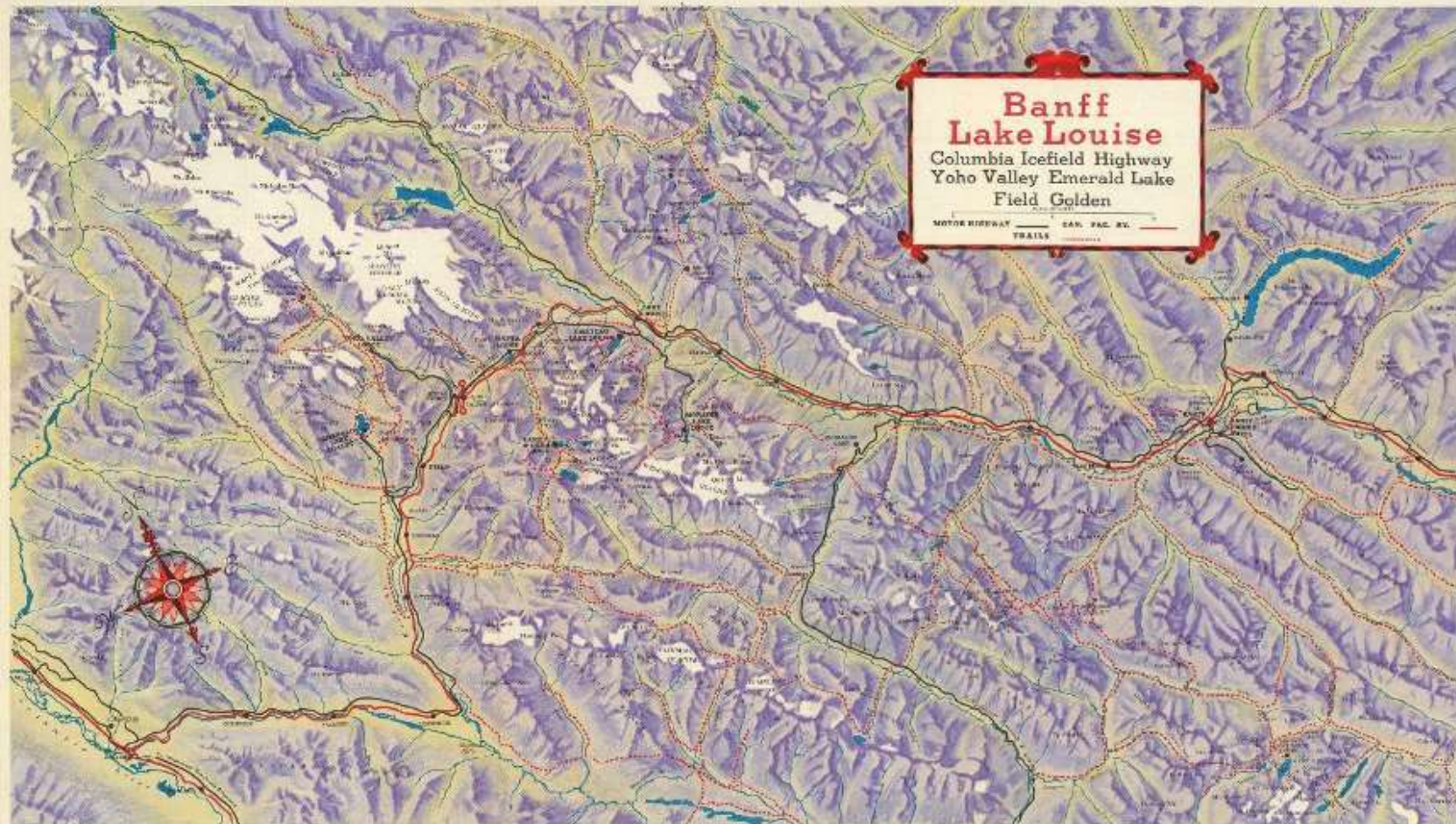
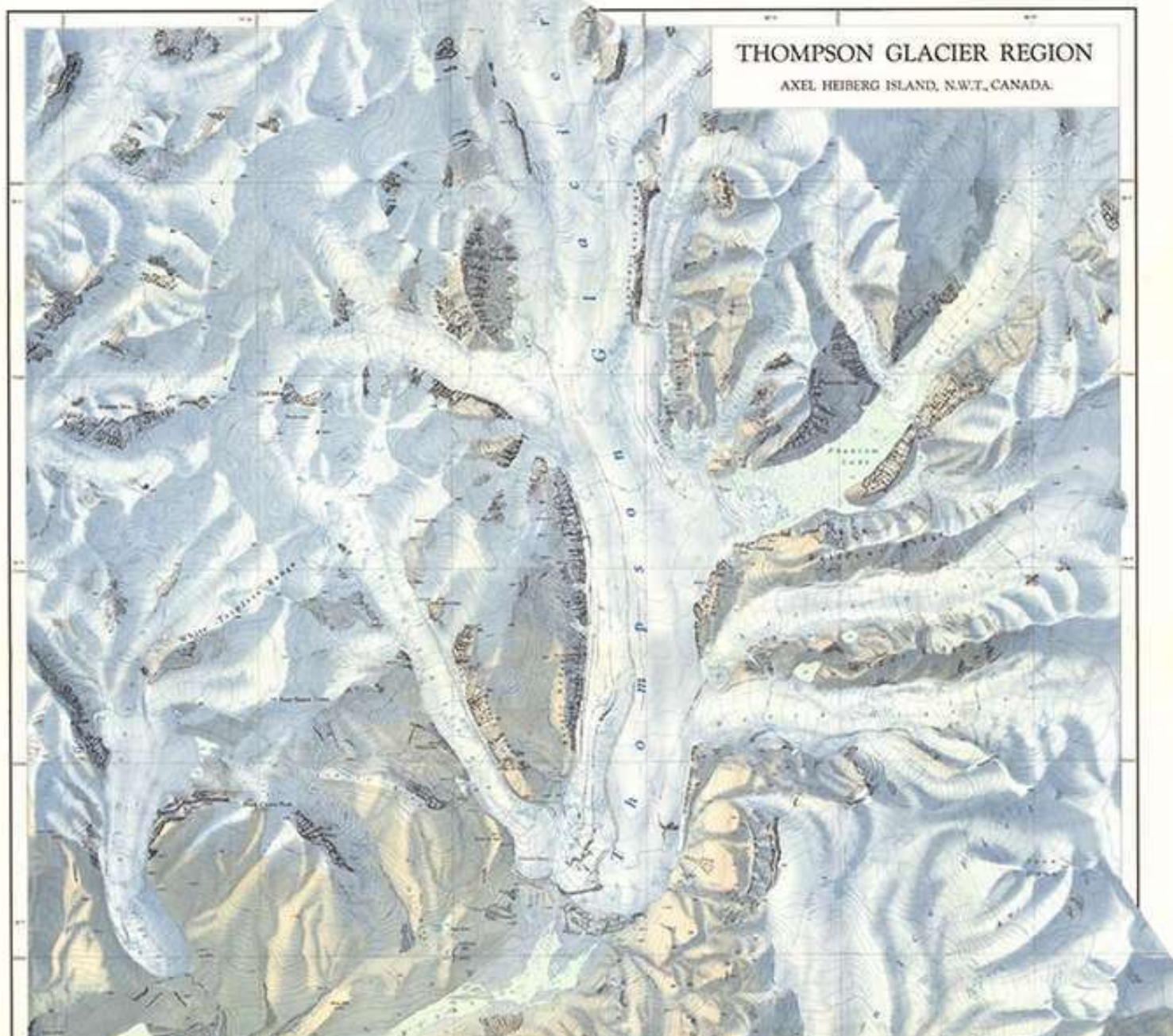


Post 1950: Manual shaded relief 1960s-70s (1962)



Swiss cartographers 'imported' to train Canadian cartographers on the 'swiss' Method incorporating rock hachures with contours and hillshading - 1975

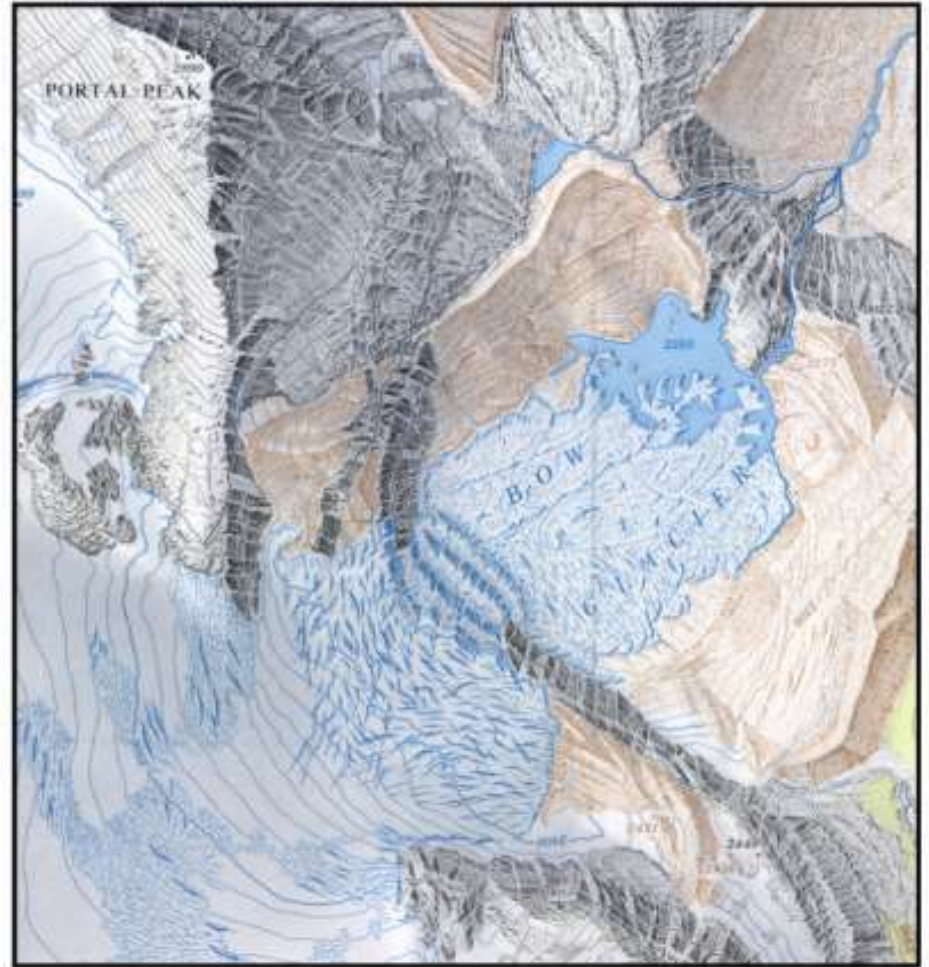


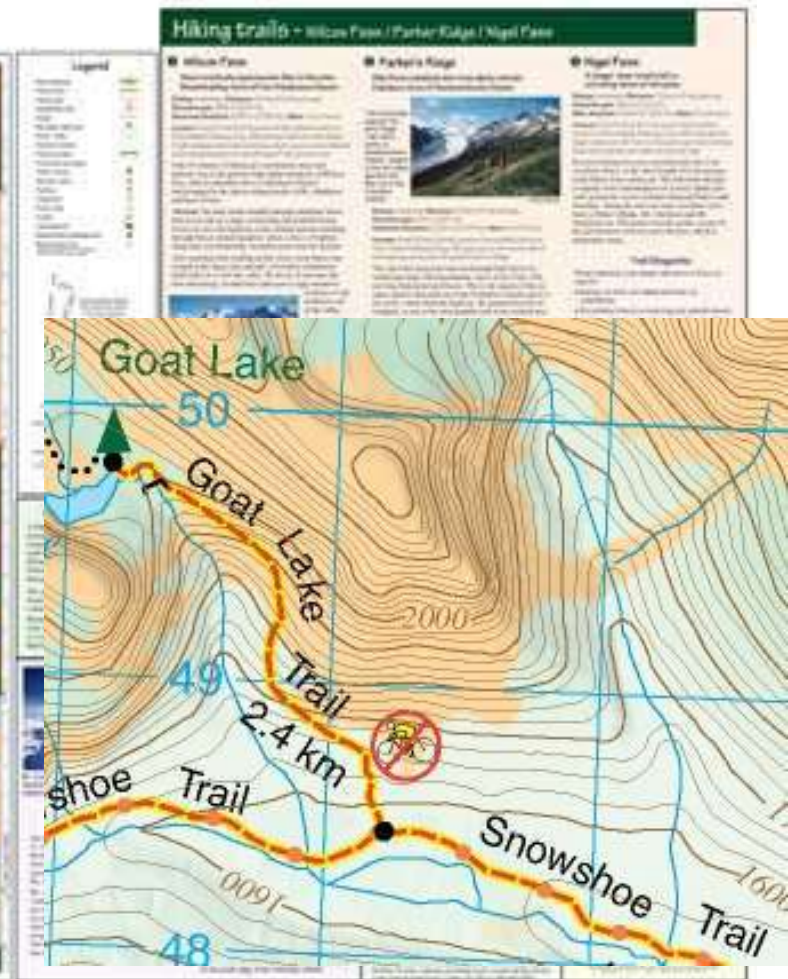
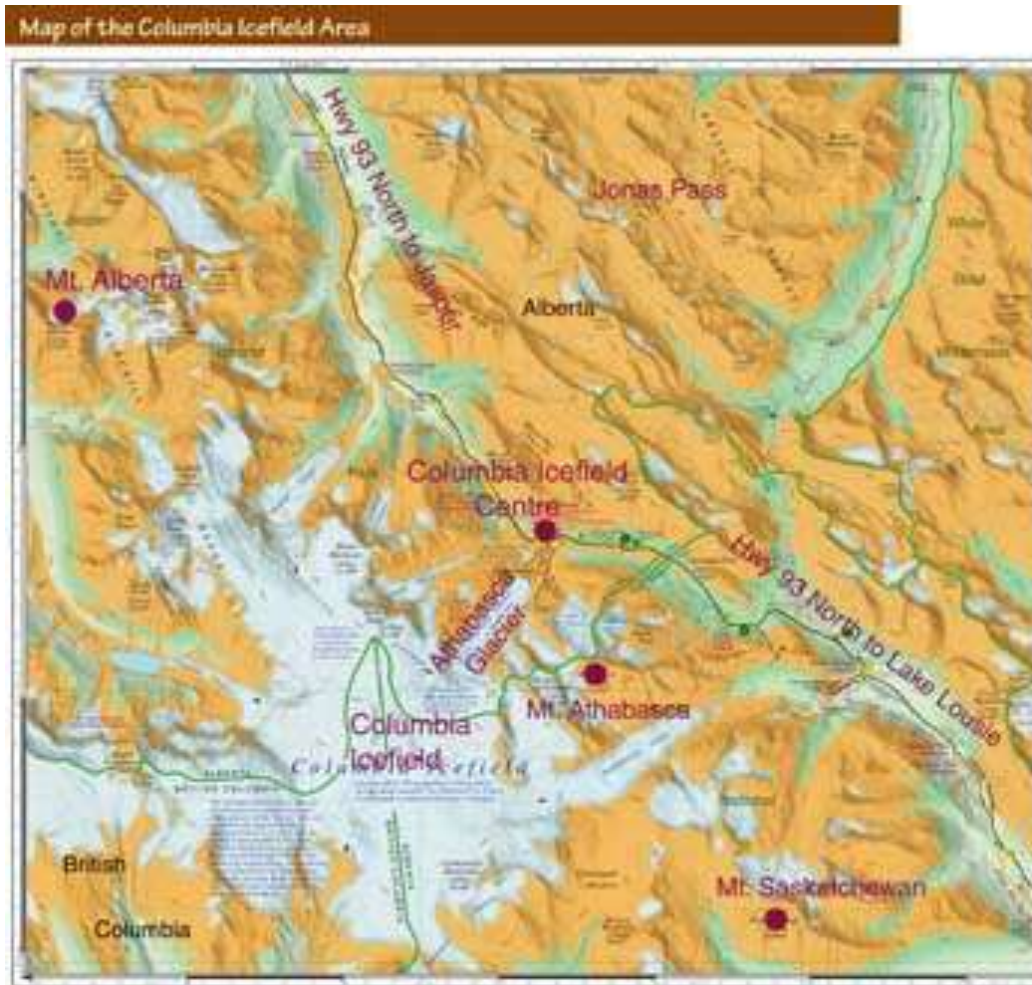
Figure 15. Ayesha (left) and Bow Glacier (right) from Peyto Glacier Map – New Edition.

Columbia Icefield, 1981 ... contours, shading and rock hachures

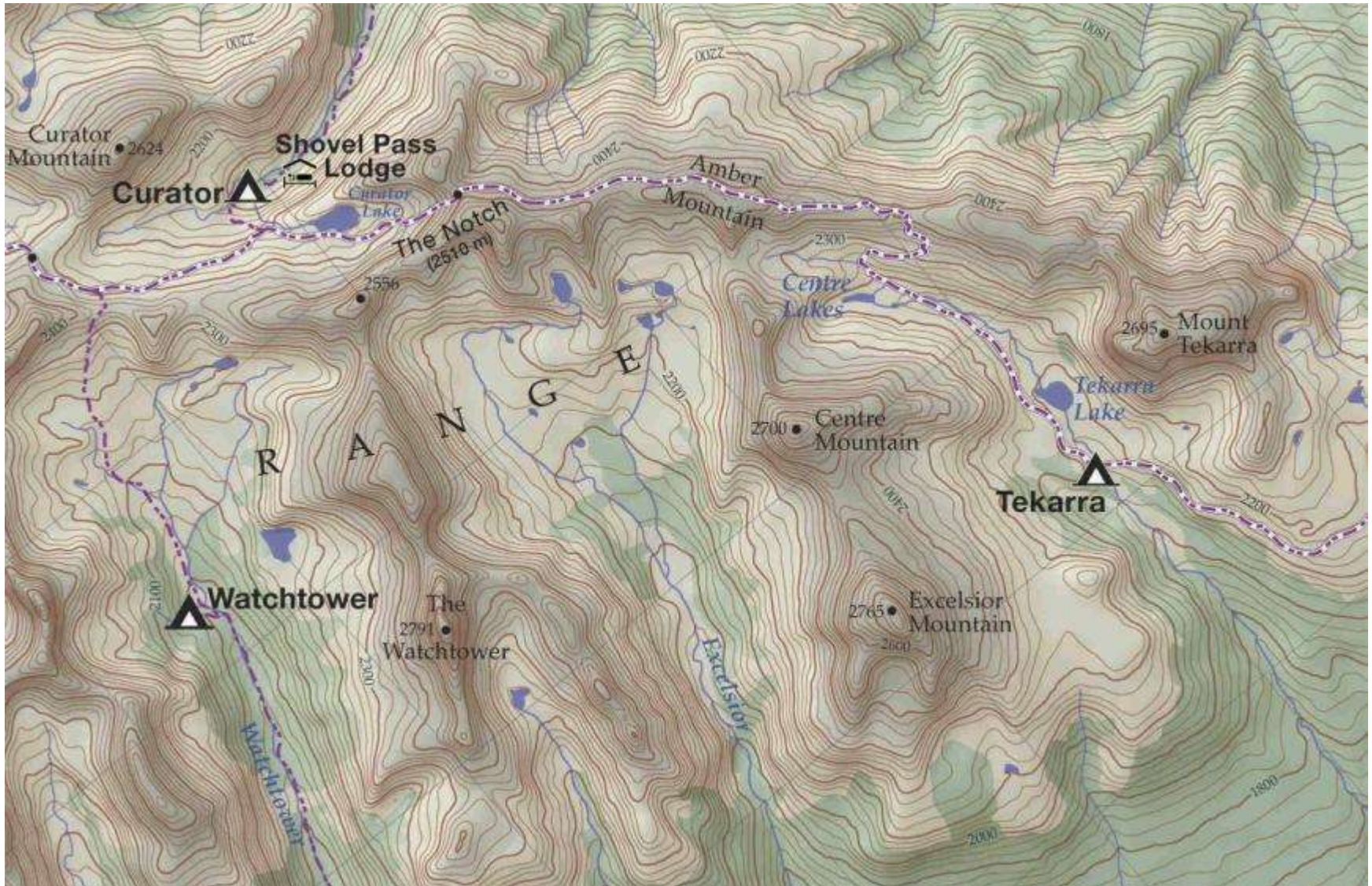


1995: government map-making was left to the private sector

Gemtrek maps: <http://www.gemtrek.com>



Skyline trail, Jasper National Park, 2013 (Mike Mitchell)



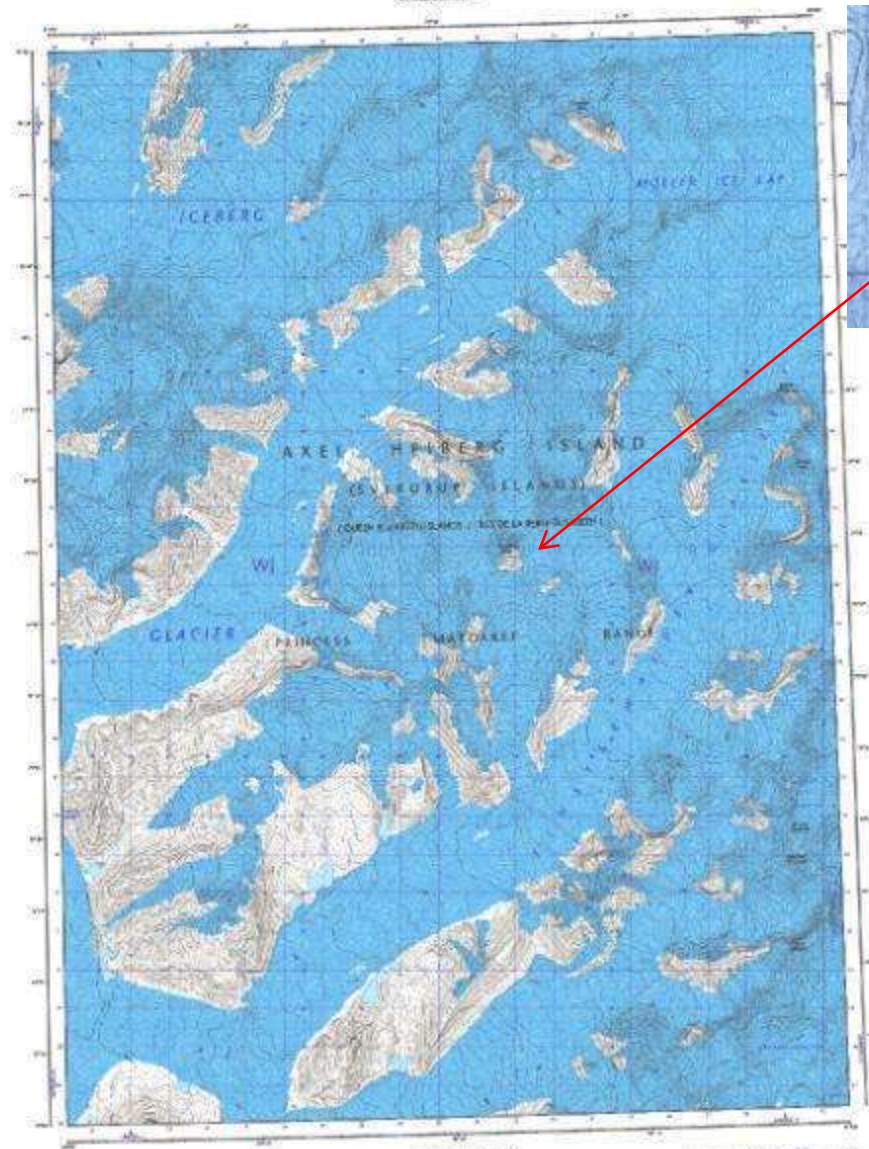
Banff, Yoho and Kootenay Parks, 'touring map', 2017

Small scale – generalized shaded relief (Jeff Clark)



Area 1: Pyramid Peak, Axel Heiberg Island

Our final
map sheet
to complete
the 1:50,000
topo series



NTS
map
059H12

Pyramid
Peak
(2012)



Information about the map sheet, including the title, scale, and date.

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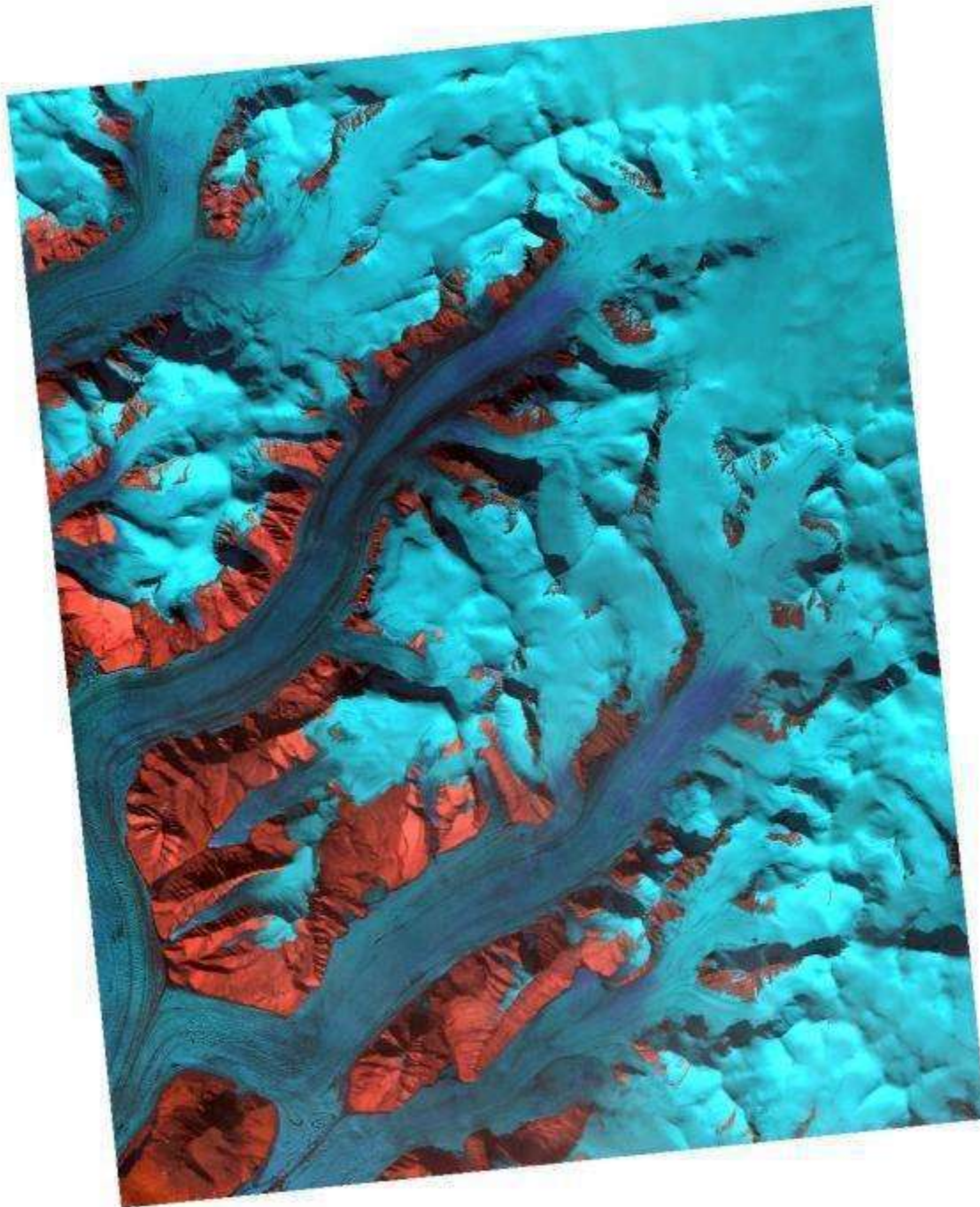
Information about the map sheet, including the title, scale, and date.

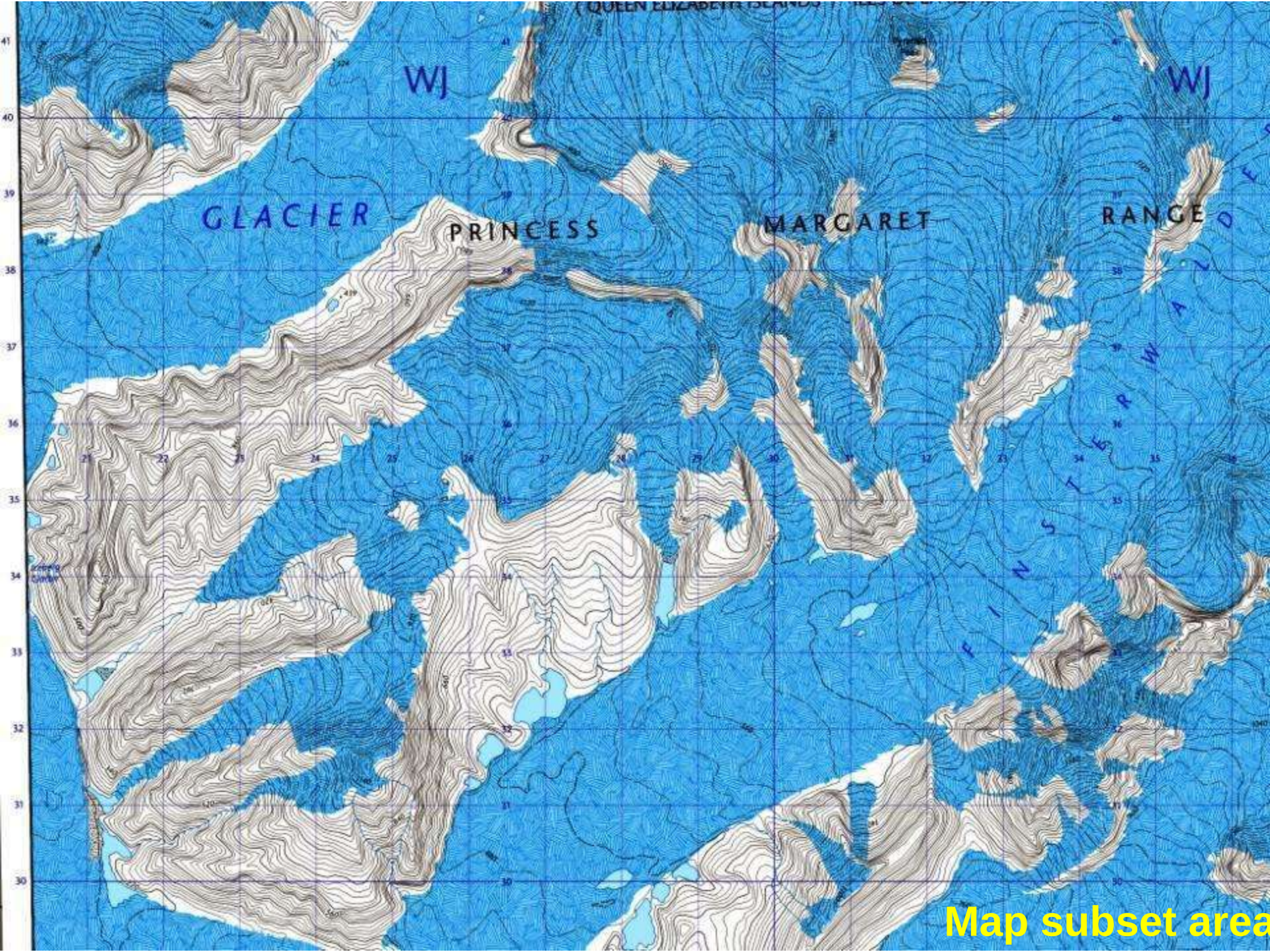
Information about the map sheet, including the title, scale, and date.

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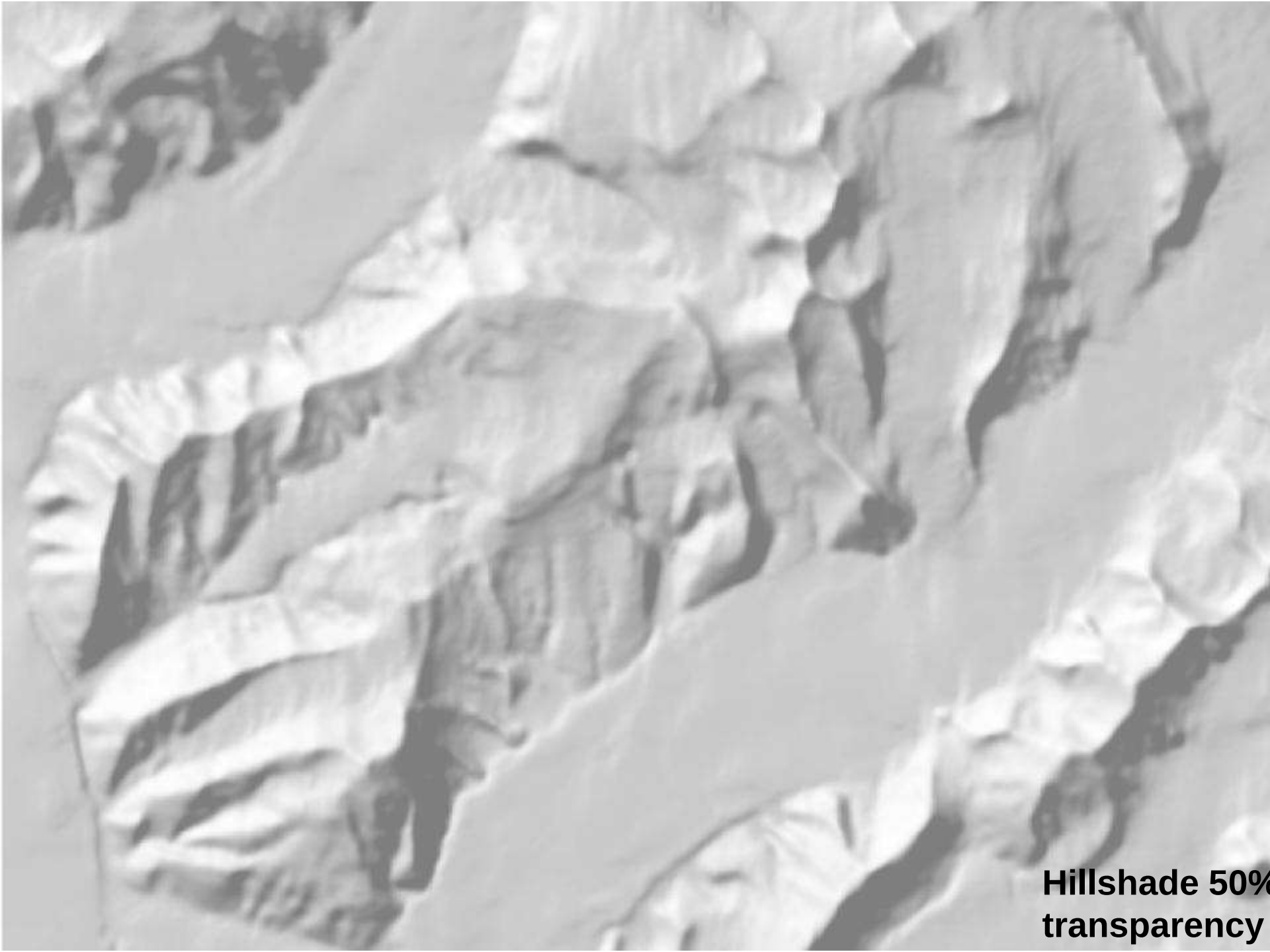
Information about the map sheet, including the title, scale, and date.

**NASA 2000
Landsat 7**





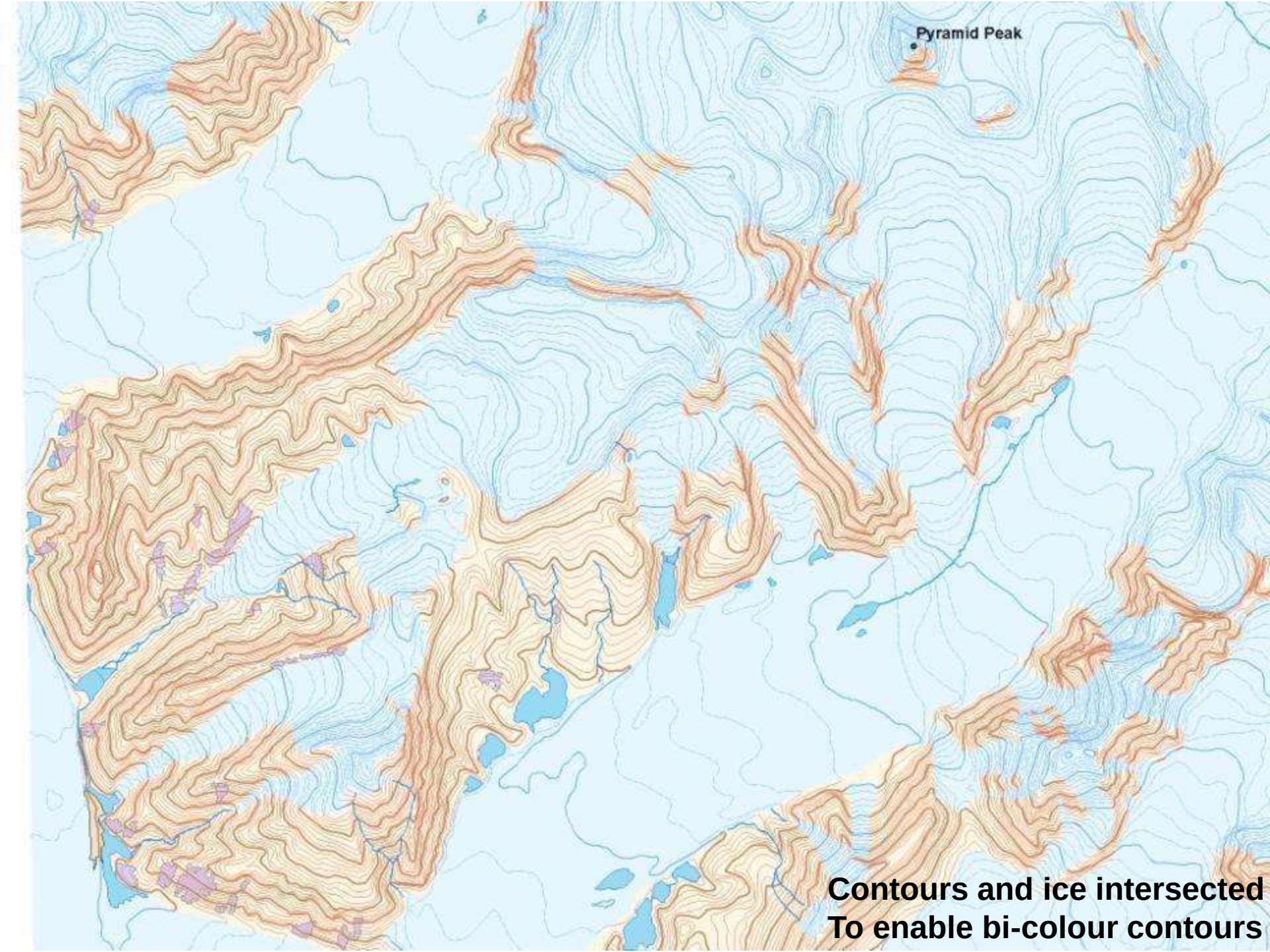
Map subset area



**Hillshade 50%
transparency**

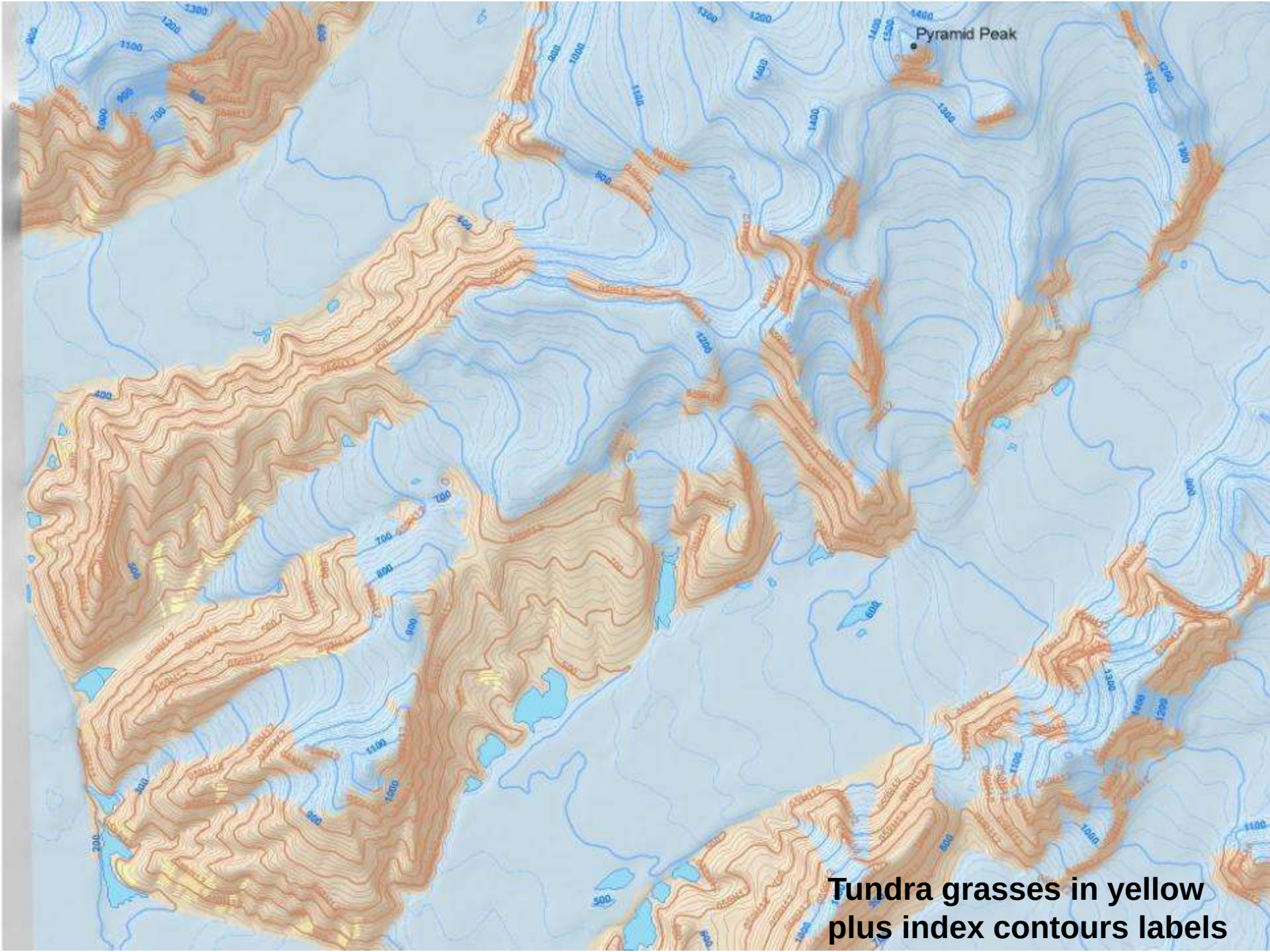


map scan
with shading

A topographic map showing a mountainous region. The map features contour lines in orange and blue, indicating elevation. The orange lines are more prominent and form a large, irregular shape on the left side of the map. The blue lines are more numerous and form a network of smaller shapes, primarily on the right side. A label 'Pyramid Peak' is located in the upper right corner, with a small black dot indicating the peak's location. The background is a light blue color.

Pyramid Peak

**Contours and ice intersected
To enable bi-colour contours**



**Tundra grasses in yellow
plus index contours labels**

International Mountain workshop commission- biennial workshop

Berchtesgaden, Austria-Germany



<http://www.mountaincartography.org/activities/workshops/index.php>

New Zealand: Geographx, Roger Smith 'Mapsmith' – NZ track maps

<https://geographx.co.nz/services-products/printed-maps/milford-track-2/>





Tom Patterson

<http://shadedrelief.com/maps-and-data.html>

Bernhard Jenny:

<http://www.reliefshading.com/>

OSTTIROL-ÖSTERREICH



Summary of Mountain cartography methods:

All relief methods used, especially shaded relief, contours, panoramas

Online topographic map viewers / mountain countries

Switzerland: <http://map.geodataviewer.admin.ch/geodatenviewer.php>

New Zealand: <https://www.topomap.co.nz/>

Norway statkart: <http://www.norgeskart.no>