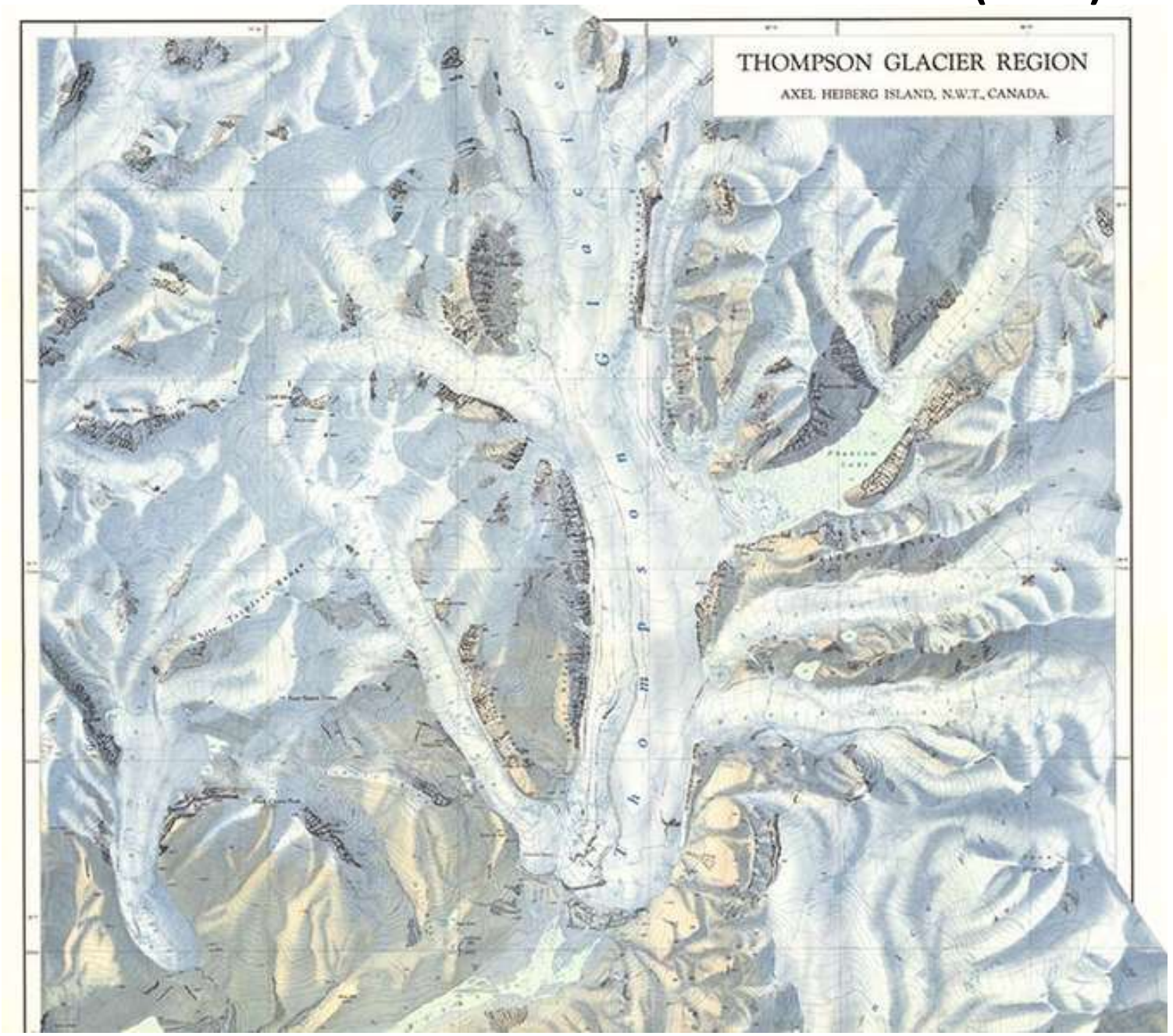
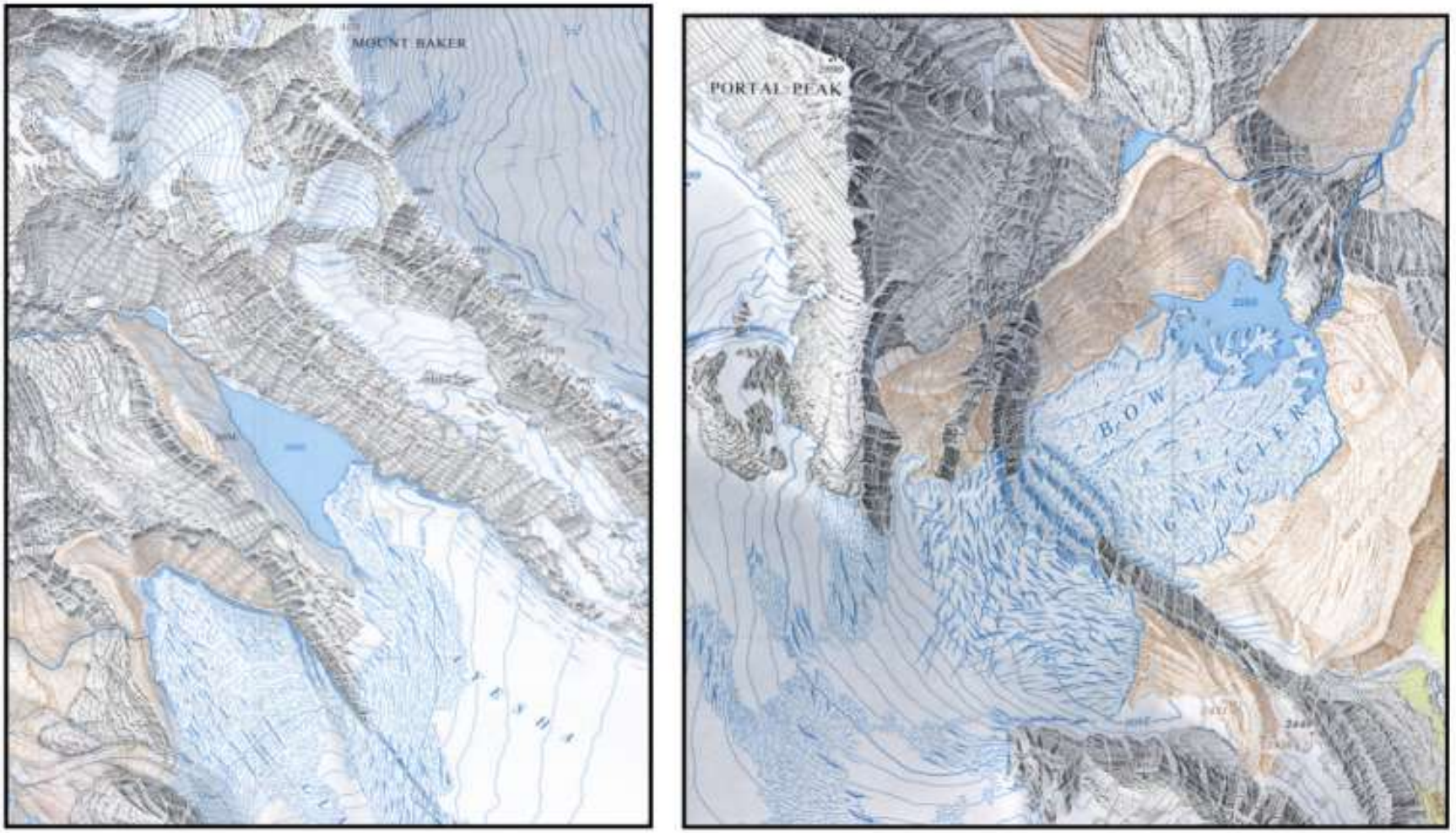
Post 1950: Manual shaded relief 1960s-70s (1962)

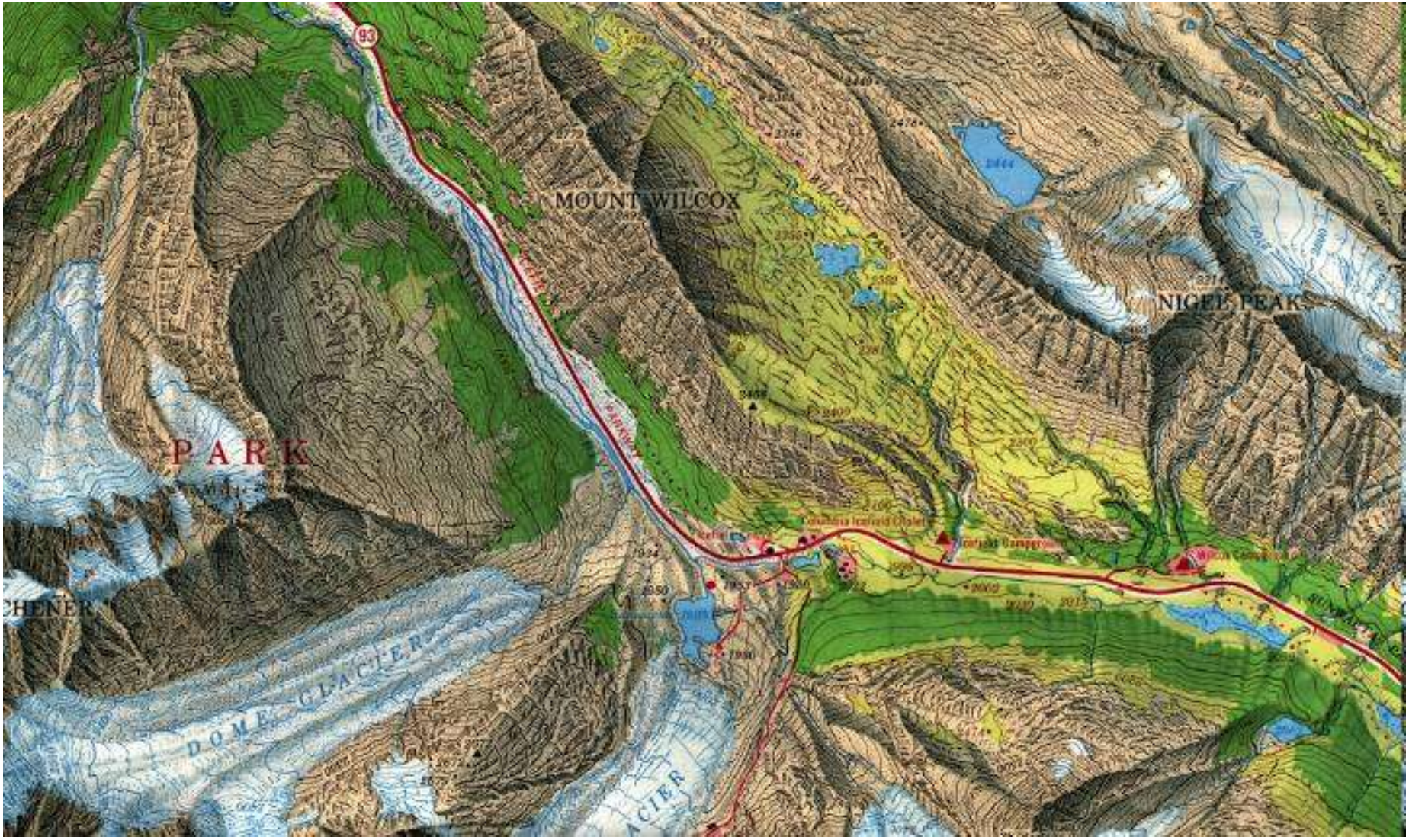


Swiss cartographers 'imported' to train Canadian cartographers on the 'swiss' Method incorporating rock hachures with contours and hillshading - 1975



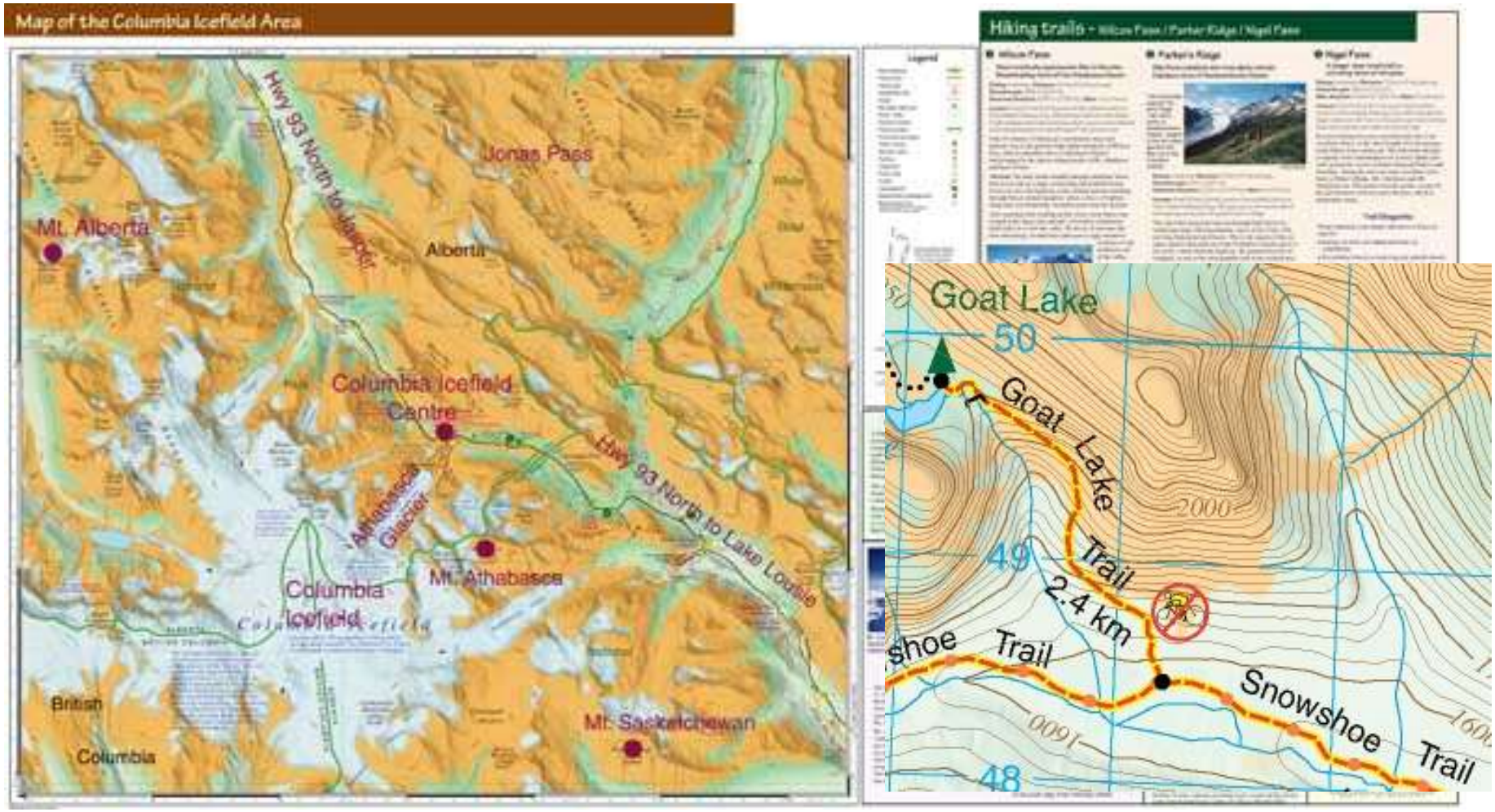
gure 15. Ayesha (left) and Bow Glacier (right) from Peyto Glacier Map – New Edition.

Columbia Icefield, 1981 … contours, shading and rock hachures

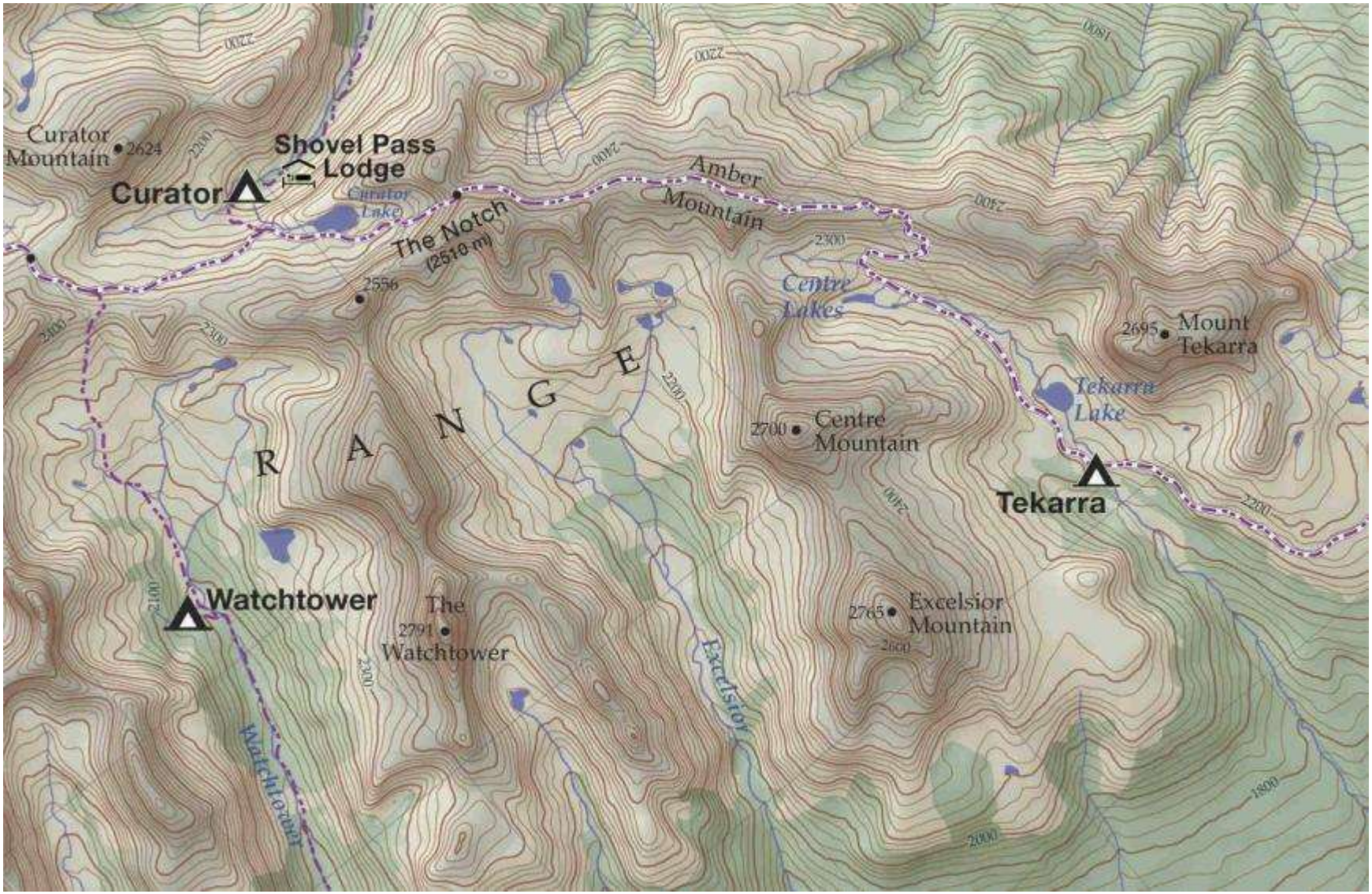


1995: government map-making was left to the private sector

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



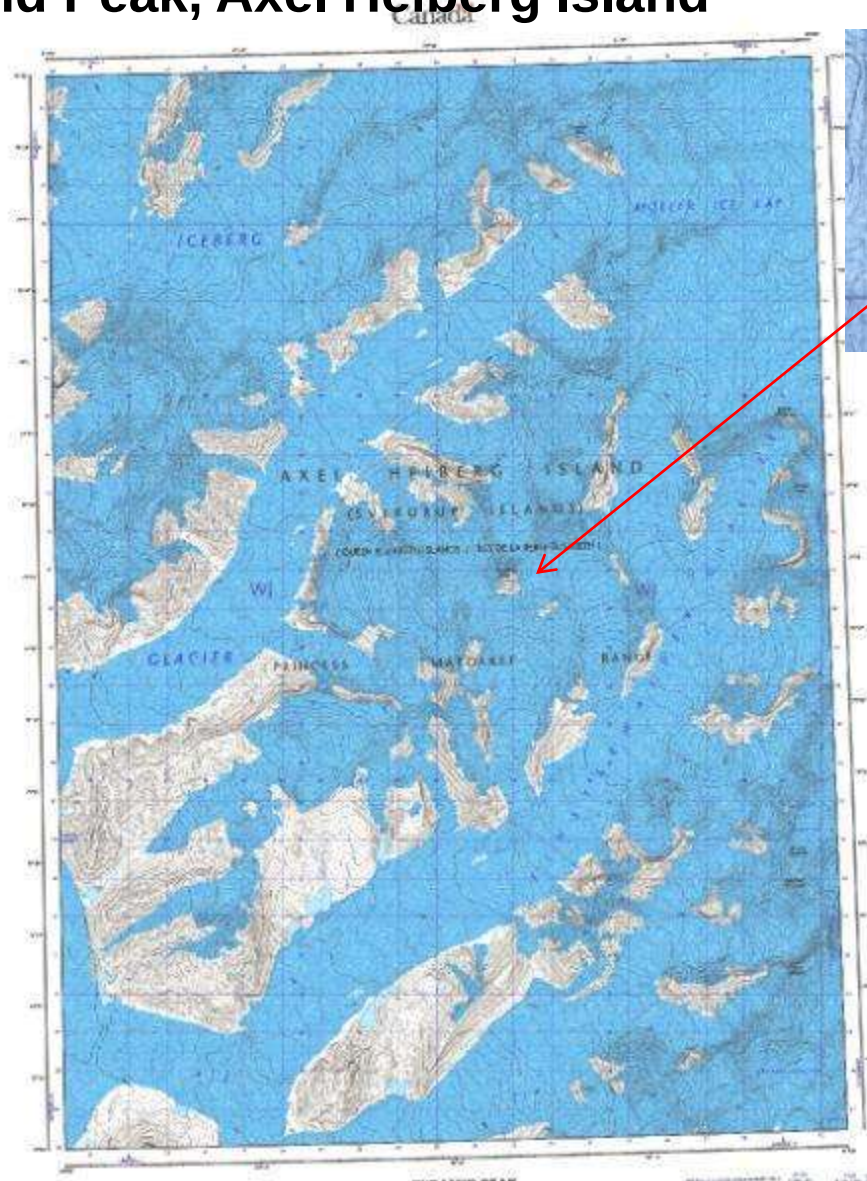
Skyline trail, Jasper National Park, 2013 (Mike Mitchell)



Banff, Yoho and Kootenay Parks, ‘touring map’, 2017
Small scale – generalized shaded relief (Jeff Clark)

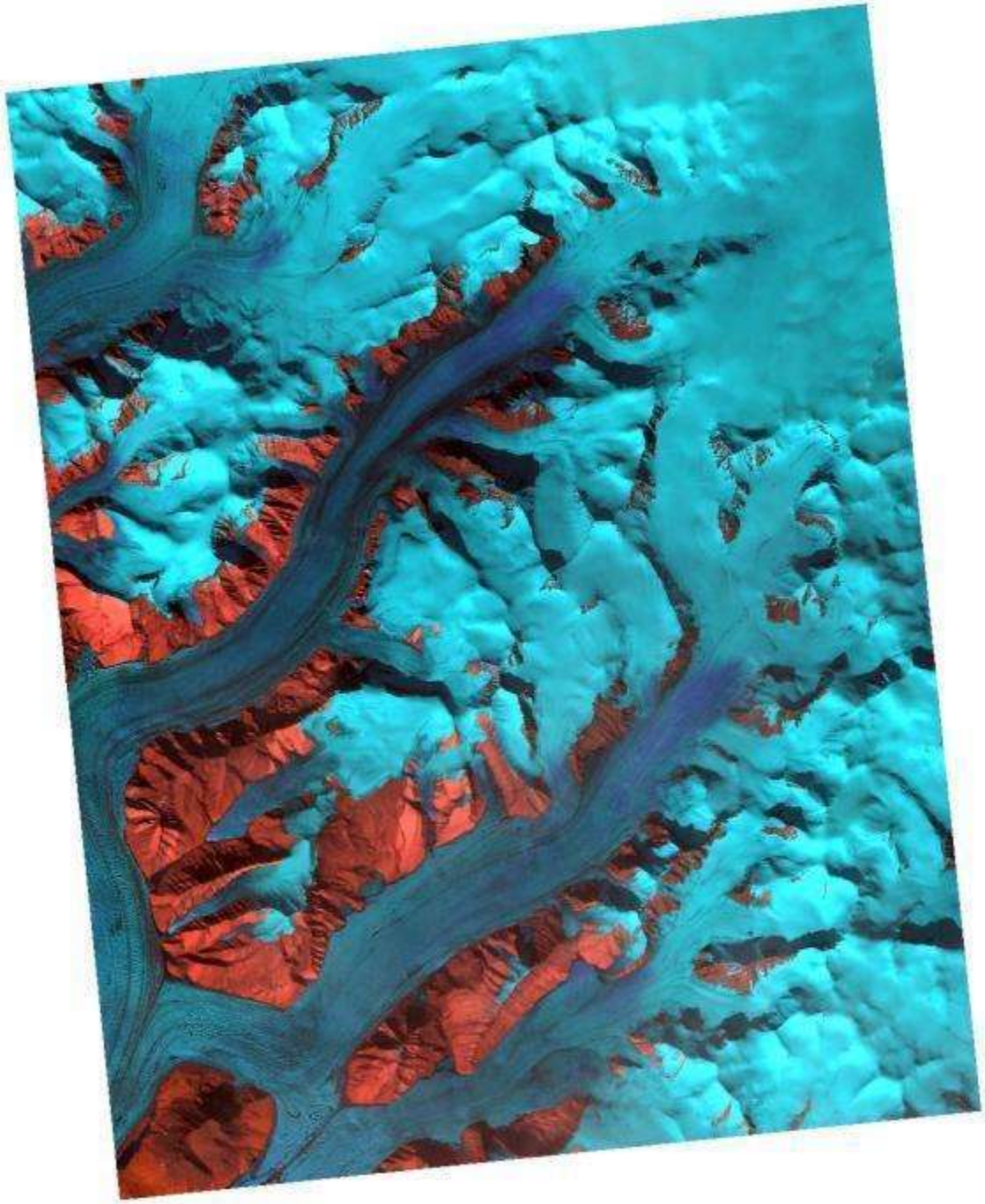
Area 1: Pyramid Peak, Axel Heiberg Island

Our last map sheet 1:50,000 series

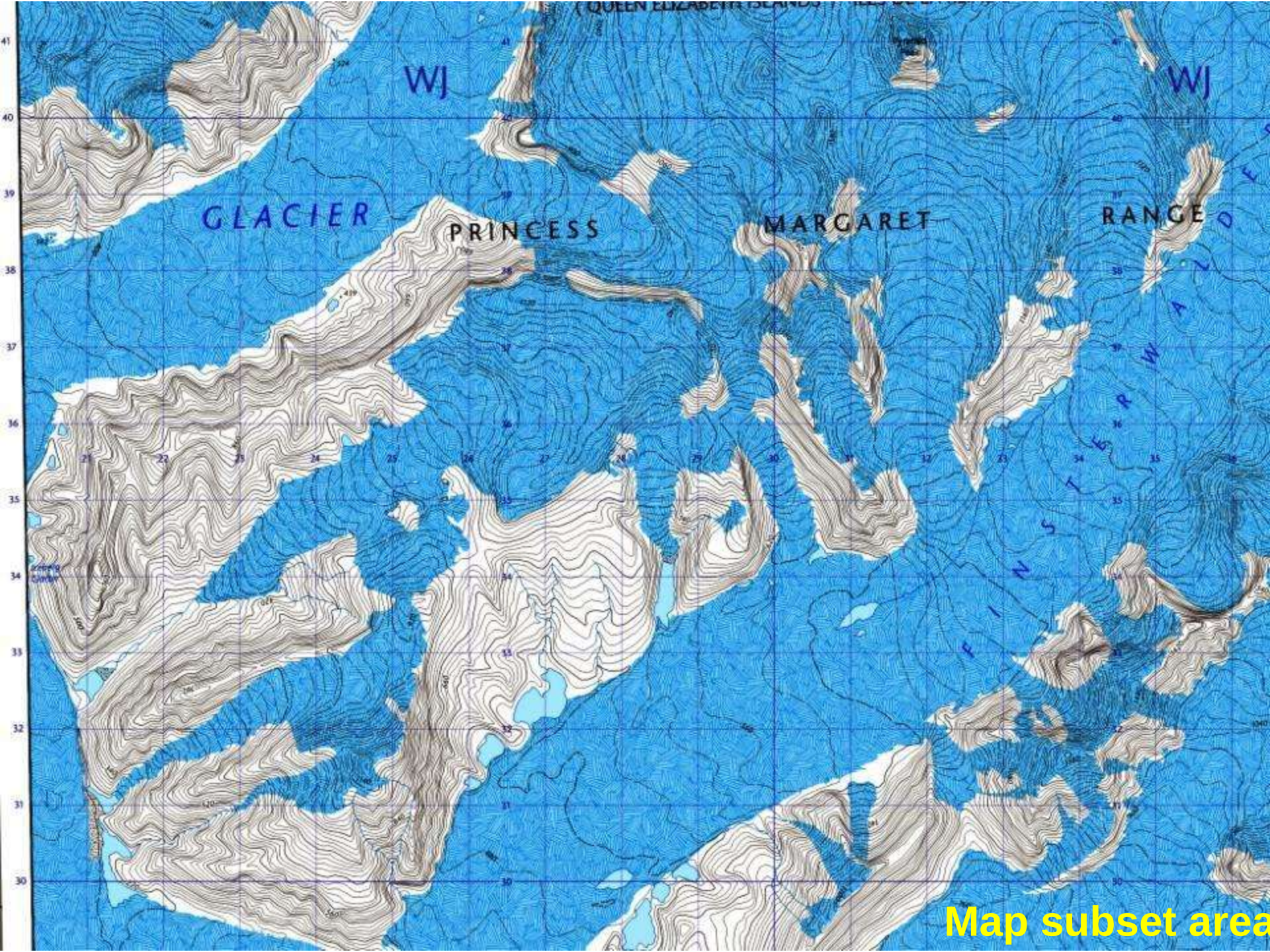


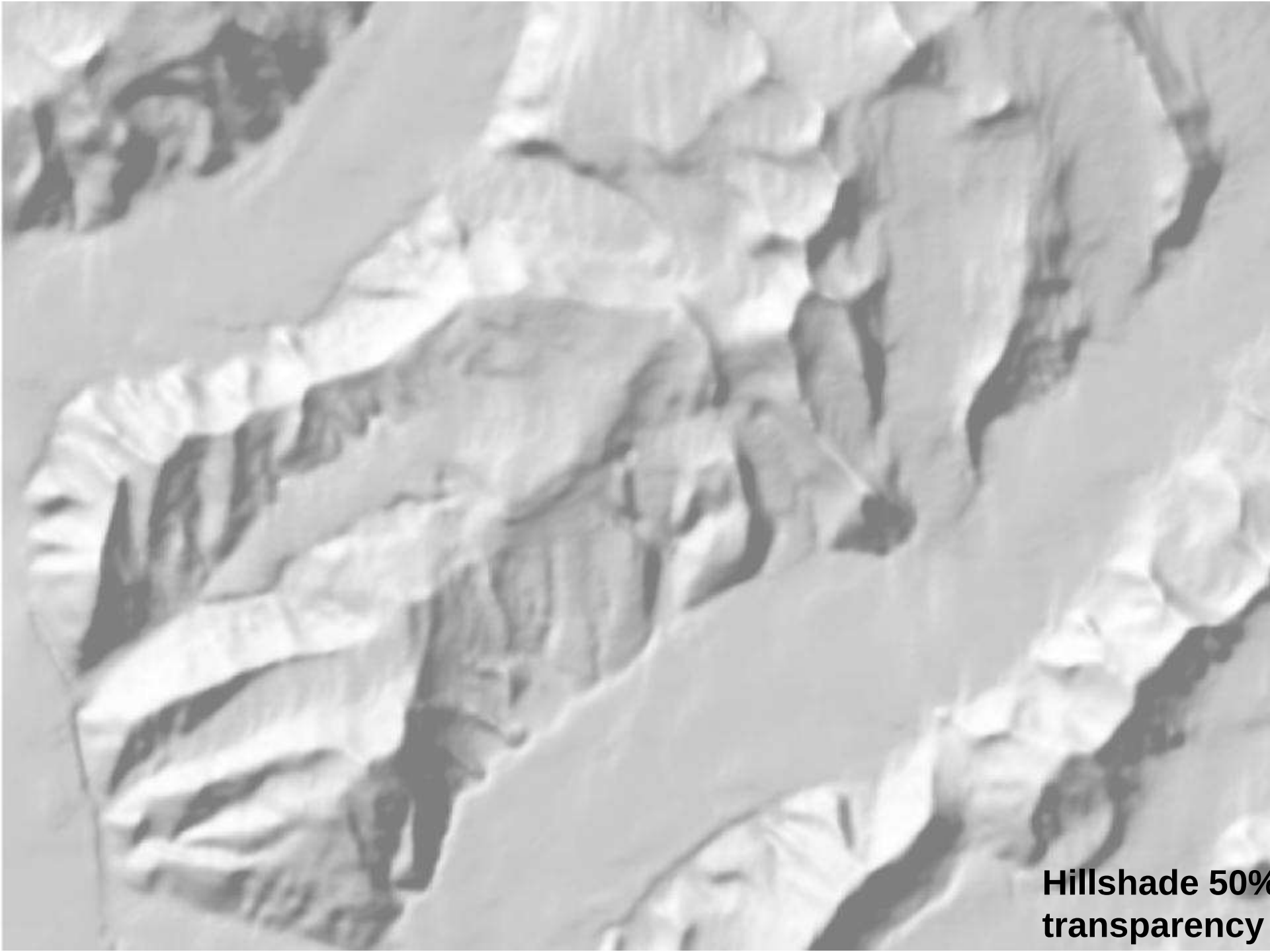
NTS map 059H12

Pyramid Peak (2012)

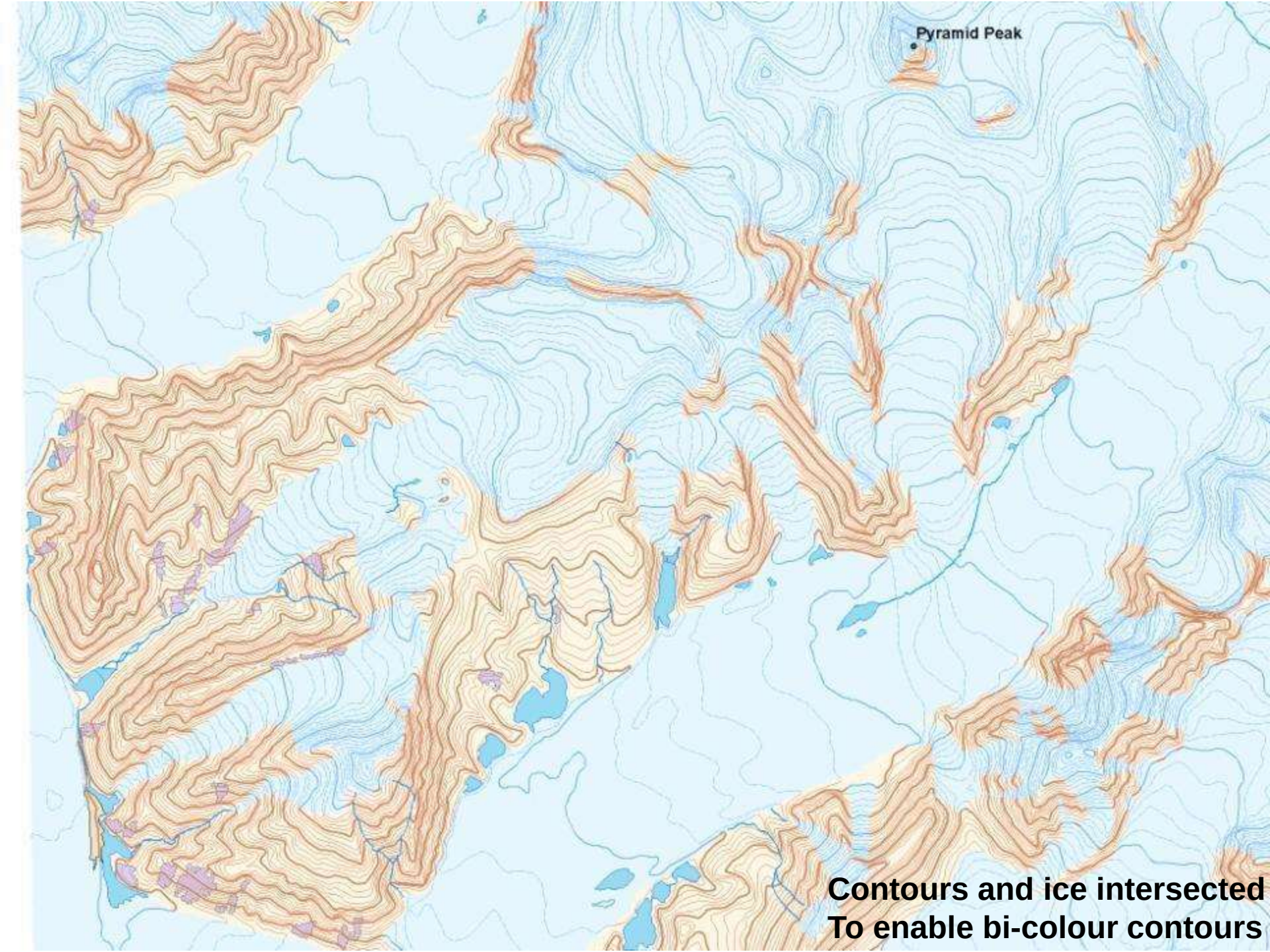


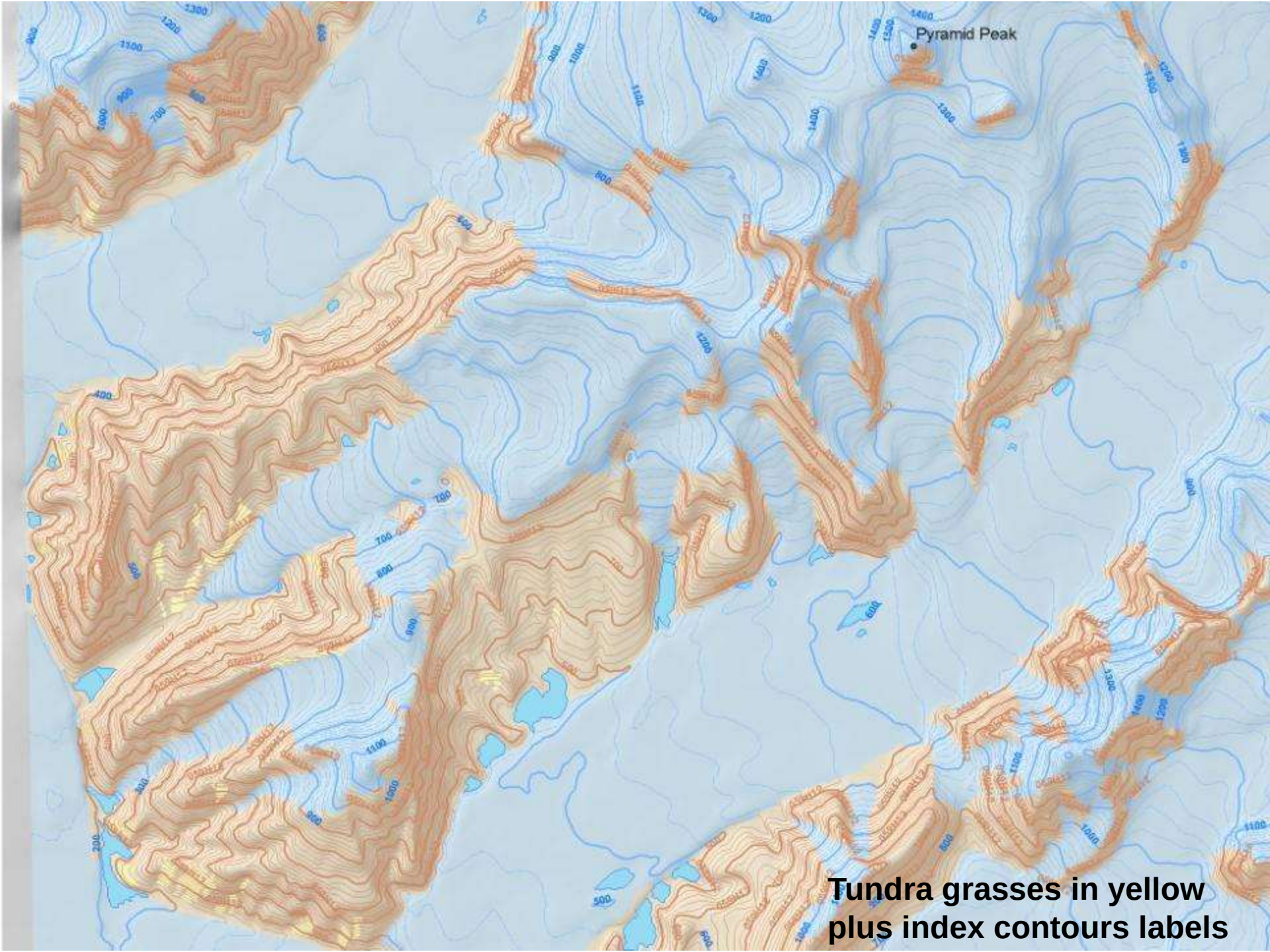
NASA 2000
Landsat 7


WJ
WJ
GLACIER
PRINCESS
MARGARET
RANGE
Map subset area


Hillshade 50%
transparency

map scan
with shading


Pyramid Peak
Contours and ice intersected
To enable bi-colour contours


Pyramid Peak
Tundra grasses in yellow
plus index contours labels

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/

Summary of Mountain cartography methods:

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

Some useful websites:

http://shadedrelief.com

http://www.reliefshading.com/examples/index.html

Online topographic map viewers / mountain countries

Swisstopo: http://map.geodataviewer.admin.ch/geodatenviewer.php

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

Norway statkart: http://www.norgeskart.no/#5/378604/7226208