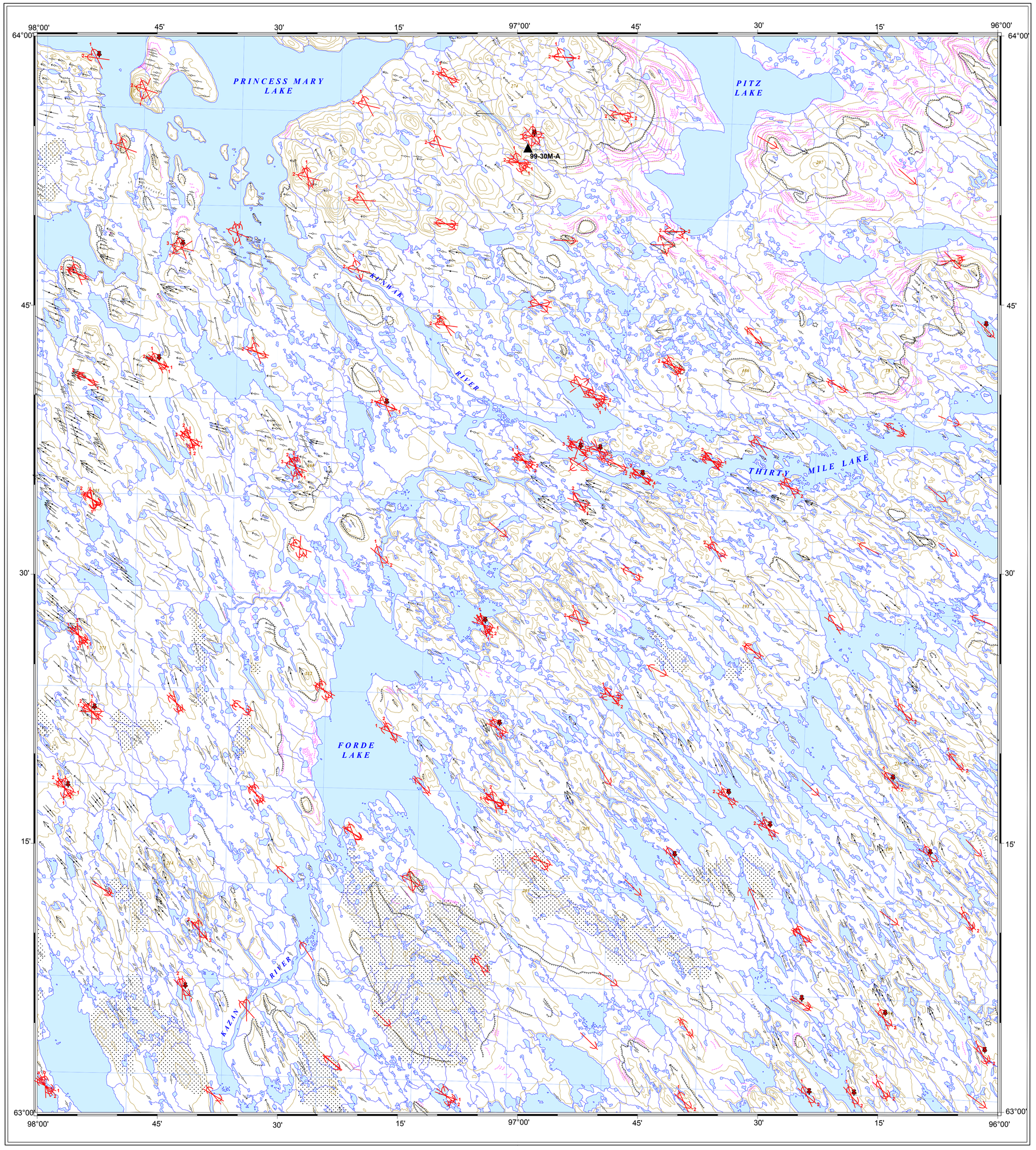
Natural Resources Canada

Ressources Naturelles Canada

NATMAP CARTNAT

Western Churchill Project



LEGEND

- *Streamlined landform (drumlin, groove, or fluting, parallel to ice flow; undifferentiated)*
- *Crag-and-tail landform*
- *Roche moutonnée*
- *Striation:*
  - *Well defined*
  - *Poorly defined*
  - *Sense unknown*
- *Cross striae (1=oldest)*
- *Digital photograph*
- *Trend of nearshore marine ridges**
- *Limit of marine submergence**
- *Esker ridge**
- *Hummocky moraine**
- *Trend of ribbed or minor moraine ridges**
- *Trend of drumlin or fluting**
- *Trend of crag-and-tail**
- *Striae**

* Information derived from existing surficial geology map

REFERENCES

*Aylsworth, J.M., Cunningham, C.M., and Shilts, W.W. 1989: Surficial geology, Thirty Mile Lake, District of Keewatin; Geological Survey of Canada, Map 39-1989, scale 1:125 000.

Aylsworth, J.M. and Shilts, W.W. 1989: Glacial features around the Keewatin Ice Divide: districts of MacKenzie and Keewatin; Geological Survey of Canada, Paper 88-24, 21p.

Cunningham, C.M. and Shilts, W.W. 1977: Surficial geology of the Baker Lake area, District of Keewatin; in Report of Activities, Part B, Geological Survey of Canada, Paper 77-1B, p. 311-314.

Klassen, R.A. 1995: Drift composition and glacial dispersal trains, Baker Lake area, District of Keewatin, Northwest Territories; Geological Survey of Canada, Bulletin 485, 68 p.

Klassen, R.A. and Knight, R.D. 1996: Till geochemistry of the Baker Lake area, District of Keewatin, Northwest Territories; Geological Survey of Canada, Open File Report 3243.

ACKNOWLEDGMENTS

The following assistants and staff are thanked for their field, cartographic and logistical support: S. Khan, W. Carter, C. St-Pierre, F. Moffatt, L. Robertson, and GSC and INAC bedrock mapping groups (S. Hanmer, S. Tella, R. Rainbird, C. Relf).

M&T Enterprises (Rankin Inlet) provided expediting services. Polar Continental Shelf Project provided helicopter support.

This digital map is part of GSC OF 4595 CD-ROM publication (2004).

Striation mapping by I. McMartin and P. Henderson, 1999.
Photo-interpretation by I. McMartin, 2003.

OPEN FILE 4595

ICE FLOW INDICATORS

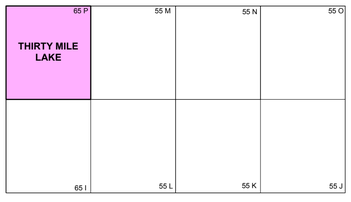
THIRTY MILE LAKE

NUNAVUT

Scale 1:200 000

Km 5 0 5 10 15 Km

Contour interval 20 metres
Universal Transverse Mercator grid
shown for reference only (NAD 27, Zone 14)



WESTERN CHURCHILL NATMAP PROJECT

Canada