

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

*Arsenault, L., Aylsworth, J.M., Kettles, I.M., and Shilts, W.W.
1981: Surficial geology, Kaminak Lake, District of Keewatin;
Geological Survey of Canada, Map 7-1979, 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.

McMartin, I. Hall, G.E.M., Kerswill, J.A., Douma, S., Goff, S.P., Sangster, A.L.,
and Vaive, J.E. 2001: Environmental geochemistry of the Kaminak Lake area,
Kivalliq region, Nunavut; Geological Survey of Canada, Open File Report 4089.

McMartin, I. and Henderson, P.J.
1999: A relative ice-flow chronology for the Keewatin
Sector of the Laurentide Ice Sheet, Kivalliq region, Nunavut; in Current
Research 1999-C, Geological Survey of Canada, p. 129-138.

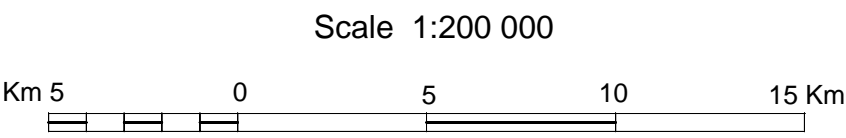
ACKNOWLEDGMENTS

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. Hamner, S. Tella, R. Rainbird, C. Reif).
M&T Enterprises (Rankin Inlet) provided expediting services. Polar Continental
Shelf Project provided helicopter support.

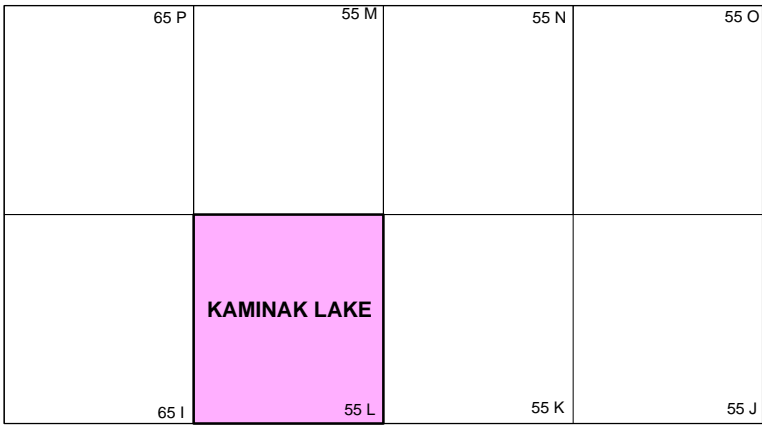
This digital map is part of GSC OF 4595 CD-ROM publication (2004).

Striation mapping by I. McMartin, 1997.
Photo-interpretation by I. McMartin, 2003.

OPEN FILE 4595
ICE FLOW INDICATORS
KAMINAK LAKE
NUNAVUT



Contour interval 20 metres and
Universal Transverse Mercator grid
shown for reference only (NAD 27, Zone 15)



WESTERN CHURCHILL NATMAP PROJECT