

Structural Cross Section of Hans Island
Vertical Scale = Horizontal Scale

LEGEND

SILURIAN
WENLOCK? - LUDLOW?
ALLEN BAY FORMATION: B3 REEF FACIES (KAP MORTON FORMATION)

PALEOZOIC

- SB3-u Upper part: medium grey-coloured beds
- SB3-m Middle part: light coloured beds
- SB3-l Lower part: medium grey-coloured beds

SB3 Megalodont bivalve floatstone, stromatoloid bindstone, floatstone, megalodont bivalve rudstone

- Geological boundary (approximate, assumed)
- Bedding surface (from air photos)
- Reflective fracture surface, possible vein or fracture-fill
- Fault, fracture, bedrock escarpment (low side indicated, defined, approximate)
- Bedding attitude (calculated from air photos and topographic contours)
- Glacial linear features in bedrock (flutes, ridges)
- Fault, fracture, bedrock escarpment; vertical dip is assumed (structure section only)
- Bedding attitude (calculated from airphotos and topographic contours) (structure section only)

Geology and airphoto interpretation by J.C. Harrison based on ground observation by T. de Freitas (1988) and J.C. Harrison (2000)

Digital cartography by M.D.T. Le Geological Survey of Canada (Calgary)

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Digital base map from data compiled by Geomatics Canada, modified by the Geological Survey of Canada

Proximity to the North Magnetic Pole causes the magnetic compass to be erratic in this area
Mean magnetic declination 2007, 61°36' W, decreasing 67.2' annually

Elevations in metres above mean sea level

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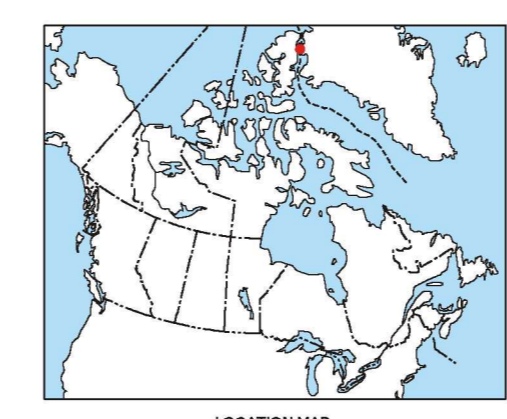
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SHEET 1 OF 4 / FEUILLET 1 DE 4

Copies of this map may be obtained from the Geological Survey of Canada: 601 Booth Street, Ottawa, Ontario K1A 0E8

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GEOLOGY
HANS ISLAND
NUNAVUT

Scale 1:5000/Échelle 1/5000

metres 100 0 100 200 300 400 mètres

Universal Transverse Mercator Projection / North American Datum 1983
Projection transverse universelle de Mercator / Système de référence géodésique nord-américain, 1983

