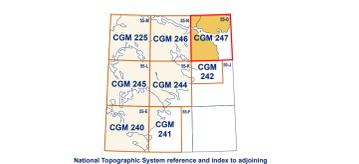


References and additional ice flow data from:
Ayworth, J.M., Boydell, A.N., and Shira, W.V., 1996. Surficial geology, Chesterfield Inlet, District of Keewatin, Northwest Territories. Geological Survey of Canada, Map 1-1985, scale 1:125 000.
Corking, R.B., Debonno, C., Kent, D.E., Campbell, J.E., Eagles, S., Everett, D., Hurley, D.H., Ingh, E., Lavettie, A., Parise, M., Proulx, A., Robertson, L., Smith, J.P., and Westraarson, L., 2016. Surficial Data Model, version 2.2.0.
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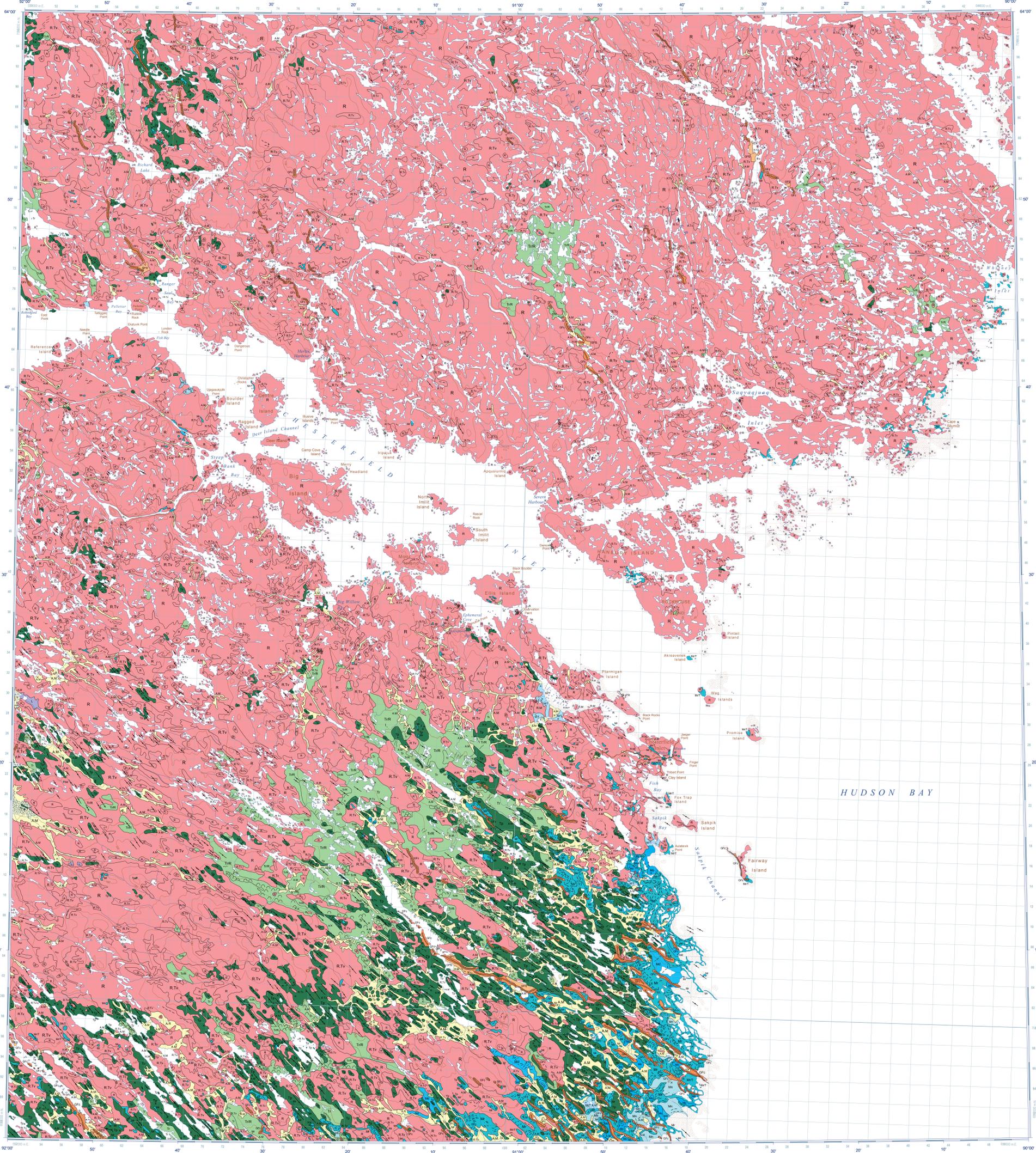
Abstract
This new surficial geology map product represents the conversion of Map 1-1985 and its legend only, using the Geological Survey of Canada's Surficial Data Model (SDM) version 2.2.0 which can be found in Open File 884. All geoscientific knowledge and information from Map 1-1985 that continued to the current SDM were maintained during the conversion process.
Résumé
Ce nouveau produit dérivé de la carte des formations superficielles 1-1985 a été produit avec le modèle de données des formations superficielles (MDF) version 2.2.0 de la Commission géologique du Canada qui a été publié sous forme de dossier public 884. La connaissance et toutes les données de la carte 1-1985 ont été maintenues dans le SDM et les renseignements pendant le processus de conversion.



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CANADIAN GEOSCIENCE MAP 247
SURFICIAL GEOLOGY
CHESTERFIELD INLET
Nunavut
NTS 55-O
1:125 000



QUATERNARY
NONGLACIAL ENVIRONMENT
Alluvial sediments, undifferentiated: silt, sand, variable thickness, when associated with gravel and pebbles...
Lacustrine sediments, undifferentiated: silt and sand, variable thickness, associated with permanently drained epipelagic lake basins...
MARINE SEDIMENTS: materials deposited in the Tynne Sea and during marine regression, and glacial deposits modified by marine processes.
Beach sediments: sand, gravel, cobbles, or boulders, variable thickness...
Deltasic sediments: sand, gravel, and boulders, variable thickness...
Nearshore sediments: sand, variable thickness, thin sheet deposited by a migrating shoreline...
Offshore sediments: clay, silt and silty sand, variable thickness...
GLACIAL ENVIRONMENT
GLACIOFLUVIAL SEDIMENTS: sand and gravel, variable thickness...
Subaqueous outwash fan sediments: silt, sand and fine gravel...
Ice-contact sediments: sand and gravel, variable thickness...
GLACIAL SEDIMENTS (TILL): poorly sorted diamicton with disjunctive forms...
Hummocky till: diamicton, variable thickness...
Ridged moraine: generally bouldery till, in place sand and gravel...
Till plain: generally sandy, silty diamicton...
Till veneer: generally sandy, silty diamicton...
PRE-QUATERNARY
Bedrock, undifferentiated: Proterozoic intrusive igneous and metamorphic rocks...
Geological contact, defined:
Beach crest, bar, or ice-threshold ridge
Moraine ridge, minor, unspecified
Esker
Flowflow direction known
Drainal flow, large, length mapped to scale
Crag and fall large, length mapped to scale
Flooded bedrock
Flow defined, unknown
Defect, unknown
Ruche moulonnée, small
Stratton
Flow defined, ice flow direction unknown
Flow defined, ice flow direction known
Well defined, ice flow direction unknown
Well defined, ice flow direction known
Crossed, 1 = stable, 3 = younger
Small bedrock outcrop

Preliminary
Geological Survey of Canada
Canadian Geoscience Maps



Preliminary
Author: Geological Survey of Canada
Geology based on airphoto interpretation and ground observations by J.M. Ayworth, A.N. Boydell, and W.V. Shira, 1973.
Geology conforms to Surficial Data Model v. 2.2
Data conversion by S.E. Kent, 2014, 2015
Cartography by S. Eagles

Preliminary
Cartography by N. Côté
Initiative of the Geological Survey of Canada, conducted under the auspices of the Natural Resources Canada's Geo-mapping for Energy and Minerals (GEM) program
Map projection Universal Transverse Mercator, zone 15
North American Datum 1983

Preliminary
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Preliminary
Base map at the scale of 1:250 000 from Natural Resources Canada, with modifications.
Elevations in metres above mean sea level.
Mean magnetic declination 2017, 7°15'W, decreasing 6.9' annually.
Resolving very faint 7:25'W in the SW corner to 10°37'W in the NE corner of the map.
This map is not to be used for navigational purposes.

Preliminary
The Geological Survey of Canada welcomes corrections or additional information from users.
Data may include additional observations not portrayed on this map. Please refer to the document accompanying the downloaded data for more information about this publication.
This publication is available for free download through GEOCAN (http://geocan.nrcan.gc.ca/)

This publication has been scientifically reviewed, but it has not undergone a formal edit.

Preliminary
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