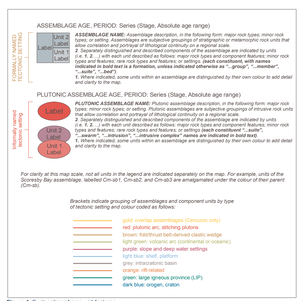
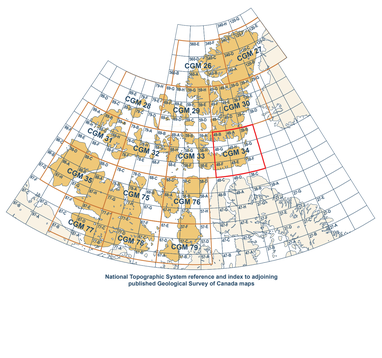


Figure 1. Explanation of map unit features.



National Topographic System reference and index to adjoining published Geological Survey of Canada maps

Abstract

This map and the related geodatabase illustrate the bedrock geology of eastern Devon Island, Coburg Island, and southern Ellesmere Island. Major features of the area include: high-grade Neoarchean and Paleoproterozoic metasedimentary and granitoid rocks of the Rae craton(?) and Inglefield Orogen, unconformable and mostly flat-lying Cambrian to Lower Devonian platformal strata, and (on Ellesmere Island) the Middle and Upper Devonian foreland clastic wedge associated with the Ellesmerian Orogen.

Résumé

Cette carte et la géodatabase qui s'y rapporte documentent la géologie du substratum rocheux dans l'est de l'île Devon, l'île Coburg et le sud de l'île d'Ellesmere. Les principales entités géologiques de la région comprennent : des roches métasédimentaires et granitoïdes néoarchéennes et paléoprotérozoïques à degré élevé de métamorphisme du craton de Rae(?) et de l'orogène d'Inglefield; des strates de plate-forme stratifiées discordantes, généralement horizontales (Cambrien au Dévonien inférieur), et, sur l'île d'Ellesmere, le prisme de roches clastiques d'avant-pays du Dévonien moyen et supérieur associé à l'orogène ellesmérien.

Catalogue No. M183-1/34-2015E-PDF
ISBN 978-1-100-25202-5
doi:10.4095/296222

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Natural Resources Canada, 2015

Natural Resources Canada | Ressources naturelles du Canada

2nd EDITION

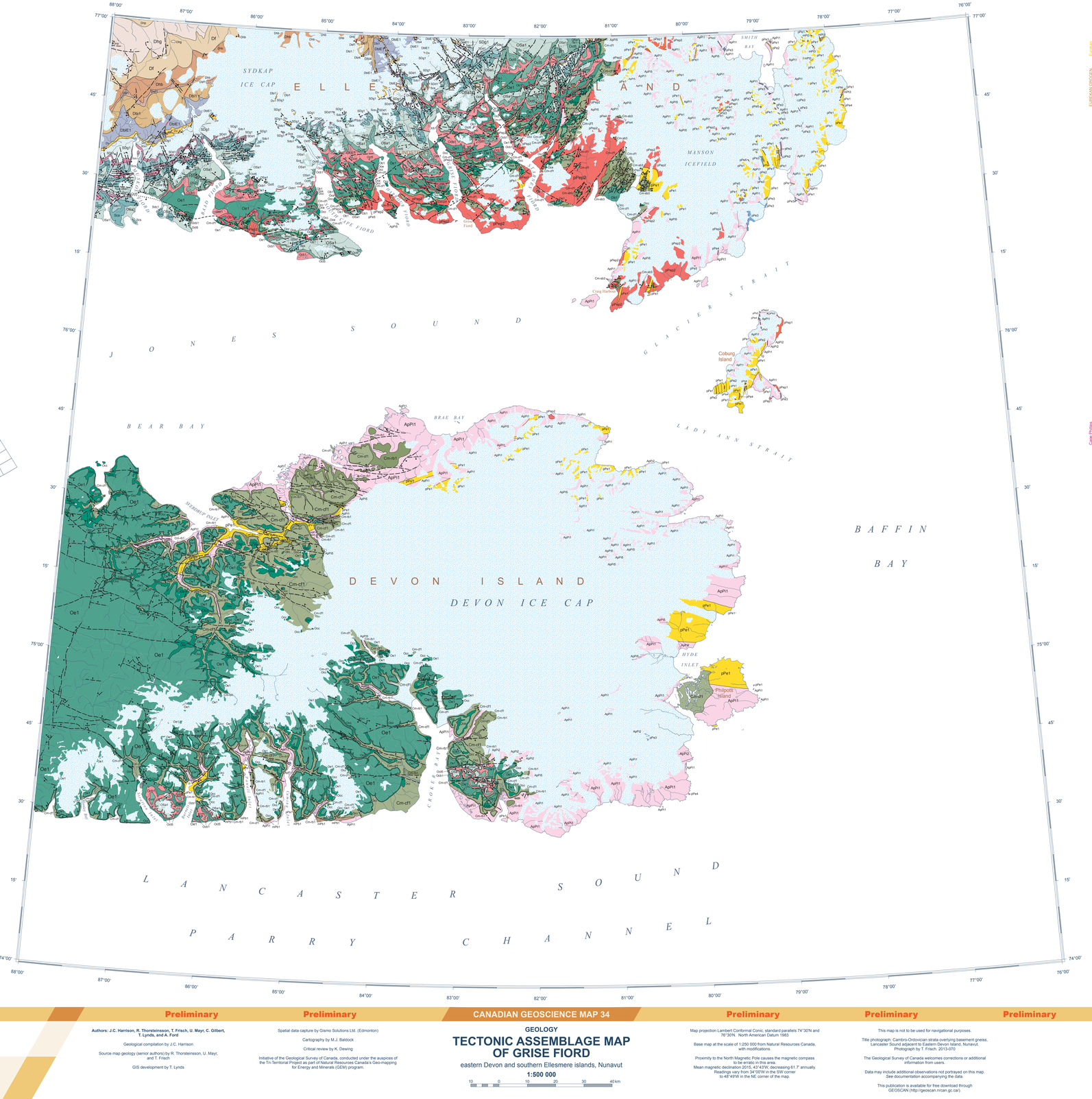
CANADIAN GEOSCIENCE MAP 34

GEOLOGY

TECTONIC ASSEMBLAGE MAP OF GRISE FIORD

eastern Devon and southern Ellesmere islands, Nunavut

1:500 000



Preliminary

Canadian Geoscience Maps

ess.nrcan.gc.ca

Canada

Preliminary

Authors: J.C. Harrison, R. Thorsteinsson, T. Frisch, U. Mayr, C. Gilbert, T. Lynds, and A. Ford

Geological compilation by J.C. Harrison

Source map geology (senior authors) by R. Thorsteinsson, U. Mayr, and T. Frisch

GIS development by T. Lynds

Preliminary

Spatial data capture by *Gismo Solutions* Ltd. (Edmonton)

Cartography by M.J. Baldock

Critical review by K. Dewing

Initiative of the Geological Survey of Canada, conducted under the auspices of the Tri-Territorial Project as part of Natural Resources Canada's Geo-mapping for Energy and Minerals (GEM) program.

CANADIAN GEOSCIENCE MAP 34

GEOLOGY

TECTONIC ASSEMBLAGE MAP OF GRISE FIORD

eastern Devon and southern Ellesmere islands, Nunavut

1:500 000

10 0 10 20 30 40 km

Preliminary

Map projection Lambert Conformal Conic, standard parallels 74°30'N and 76°30'N. North American Datum 1983

Base map at the scale of 1:250 000 from Natural Resources Canada, with modifications.

Proximity to the North Magnetic Pole causes the magnetic compass to be erratic in this area.

Mean magnetic declination 2015, 43°43'W, decreasing 61.7' annually. Readings vary from 34°00'W in the SW corner to 48°48'W in the NE corner of the map.

Preliminary

This map is not to be used for navigational purposes.

Title photograph: Cambro-Ordovician strata overlying basement gneiss, Lancaster Sound adjacent to Eastern Devon Island, Nunavut. Photograph by T. Frisch. 2013-070

The Geological Survey of Canada welcomes corrections or additional information from users.

Data may include additional observations not portrayed on this map. See documentation accompanying the data.

This publication is available for free download through GEOSCAN (http://geoscan.nrcan.gc.ca/).

Preliminary

Preliminary

Preliminary

Preliminary publications in this series have not been scientifically edited.

2nd EDITION

CANADIAN GEOSCIENCE MAP 34

GEOLOGY

TECTONIC ASSEMBLAGE MAP OF GRISE FIORD

eastern Devon and southern Ellesmere islands, Nunavut

Glacier ice: Ice cap.

QUATERNARY

PLEISTOCENE

Q — **Surficial:** Sand, silt, clay, gravel; glacial, fluvial and nearshore marine deposits.

PALEOGENE

PALEOCENE AND EOCENE (Selandian to middle Eocene)

Te1 — **EUREKA SOUND:** Sandstone, siltstone, shale; local conglomerate; minor coal, volcaniclastic sandstone; mostly fluvial and deltaic; local synteclonic alluvial fan deposits.
1. Sandstone, fine- to coarse-grained; siltstone, shale; local conglomerate, coal, volcaniclastic sandstone; common plant fossils; mostly fluvial and deltaic; local synteclonic alluvial fan deposits **(Eureka Sound group)**.

DEVONIAN

LATE DEVONIAN (Frasnian)

Dnp — **NORDSTRAND:** Sandstone, quartzose and cherty, fine-grained, thin- to medium-bedded, red, brown and green weathering; siltstone; ripples, trough cross-stratified, flining-upward cycles, burrows, rootcasts, plant fragments; rare thin coal; meandering fluvial and overbank settings **(Nordstrand Point)**.

Dhg — **HELL GATE:** Sandstone, quartzose and cherty, yellow to orange weathering, very fine- to medium-grained, medium- to thick-bedded, trough and planar cross-stratified, fining-upward cycles, minor pebbly sandstone, shale chip conglomerate; rare coal; meandering fluvial and overbank settings; thin-bedded, recessive; fluvial channel and overbank deposits **(Hell Gate)**.

Df — **FRAM:** Sandstone, quartzose and cherty, dusky red, green and grey weathering, very fine- to fine-grained, thin- to thick-bedded, trough cross-stratification, fining- and coarsening-upward cycles; siltstone, thin-bedded, rip-up clasts, plant and fish fragments; meandering fluvial channel and overbank deposits **(Fram)**.

MIDDLE DEVONIAN (Eifelian and Givetian)

Dhb — **HECLA BAY:** Sandstone, quartzose, fine- to medium-grained, locally pebbly, friable grading to cemented and resistant in the western Arctic; off-white, yellowish grey, and light green weathering, mud rip-up clasts, trough cross-stratified, fining- and coarsening-upward cycles; shale; coarsening-upward cycles; local chert pebble conglomerate; humid tropical setting, fluvial sandstone and deltaic, grading to marginal marine in the western Arctic **(Hecla Bay)**.

EARLY AND MIDDLE DEVONIAN (Emsian and Eifelian)

Dbt4 — **BIRD FIORD:** Sandstone, limestone, dolostone; minor siltstone, shale; local anhydrite; deltaic and shallow marine shelf, mostly unrestricted.
4. Sandstone, micaceous, red, fine-grained, thin-bedded, calcareous; siltstone, shale; common coarsening-upward cycles; deltaic **(Bird Fiord, Redbed facies)**.
1. Sandstone, micaceous, grey-green, fine-grained, thin-bedded, calcareous, fossiliferous; limestone, light grey to yellow-grey, thin-bedded and thick-bedded, fossiliferous, in part argillaceous; brachiopods, trilobites, corals; dolostone, fine-grained, laminated; minor siltstone, shale; common, coarsening-upward cycles, local gypsum, anhydrite; deltaic and shallow marine shelf, mostly unrestricted **(Bird Fiord)**.

Dbt1

Dsf1 — **STRATHCONA FIORD:** Siltstone, sandstone; minor conglomerate, limestone; meandering fluvial settings, locally brackish shallow marine.
1. Siltstone, micaceous, grey, red and green weathering; sandstone, yellow to grey weathering, thin- to thick-bedded, cross-stratified, fining-upward cycles; minor chert pebble conglomerate, limestone containing crinoids, ostracodes and fish fragments; mostly meandering fluvial settings, locally brackish shallow marine **(Strathcona Fiord)**.

EARLY DEVONIAN (Emsian)

DbE1 — **BLUE FIORD-EAST:** Limestone, dolostone, wackestone, sandstone; minor shale; nearshore and restricted, grading to shallow subtidal, unrestricted
1. Limestone, grey, medium- to thick-bedded; bioturbated; wackestone, dark grey, argillaceous; fossiliferous rudstone and packstone including stromatoporoids, crinoids, brachiopods, corals, tentaculitids; dolostone and limestone, light grey to yellow, fenestral, fine- to medium-grained; local sandstone; minor shale; mostly shallow subtidal, periodically peritidal, restricted and unrestricted **(Blue Fiord)**.

EARLY DEVONIAN (Pragian and Emsian)

Dv — **VENOM:** Dolostone, variably arenaceous, red, yellowish green, and yellowish brown weathering; thin- to thick-bedded; variably laminated with bird's eye and local biomolds or porosity, locally fossiliferous; conglomerate, granule to cobble, rarely boulder grade; minor sandstone, siltstone, gypsum; and climate alluvial fans grading to restricted nearshore **(Vendom Fiord)**.

SILURIAN AND DEVONIAN

LUDLOW TO EARLY DEVONIAN (Pragian)

SDd1 — **DEVON ISLAND:** Shale, limestone; local olistostromes, bioherms; deep water and sediment starved, locally grading to shelf ramp.
1. Calcareous shale and silty shale, dark grey to black; argillaceous limestone, thin-bedded, local stromatoporoid-coral bioherms often dolomitized, carbonate conglomerate, breccia, concretions; common graptolites in the lower part; mostly deep water and sediment starved, locally grading to shallow shelf ramp on southern Ellesmere **(Devon Island)**.

SDg1 — **GOOSE FIORD:** Dolostone, limestone, mudstone; minor wackestone, siltstone, sandstone; nearshore, shelf and shelf edge including reefs and foreslope, mostly unrestricted.
1. Dolostone, limestone; light grey to pale yellowish brown weathering; thin- to medium-bedded, variably laminated; stromatoporoid-coral biohermal bioma, corals, calcisiliceous nodules, chert nodules; local common brachiopod-dominated oolostolith; minor siltstone, sandstone (upper part); feldspathic, fine-grained; medium- to thick-bedded, cross-stratified; overall shallowing-upward from subtidal to peritidal, mostly unrestricted **(Goose Fiord)**.

SILURIAN

LUDLOW

Sdo1 — **DOURO:** Limestone; minor dolostone, shale; local bioherms; shallow to deep subtidal shelf ramp.
1. Argillaceous limestone, limestone, dolomitic limestone; nodular, burrow-mottled, minor dolostone, calcareous shale, calcisiltite; local sponge-coral-stromatoporoid mud mounds on Somerset Island, and flavsotid-microbial biostromes in basal beds on Grinnell Peninsula; shallow to deep subtidal outer shelf ramp **(Douro)**.

Scs — **CAPE STORM:** Dolostone; grey, buff and brown weathering, very fine- to fine-grained, thin- to thick-bedded, laminated, mud-cracked, molar-tooth structures, stromatolitic, microbial; lesser dolomitic limestone, oolitic and peloidal; minor silty dolostone, siltstone, shale; mostly restricted intertidal and supratidal **(Cape Storm)**.

ORDOVICIAN TO SILURIAN

RICHMONDIAN TO LUDLOW

Osa — **ALLEN BAY:** Dolostone, limestone; local bioherms, anhydrite; arid subtidal to supratidal settings.
1. Dolostone, medium- to thick-bedded, light grey to yellowish brown, medium-grained, in part fossiliferous; bitumen-stained; lesser dolomitic limestone, burrow-mottled; minor flat pebble conglomerate; local stromatoporoid biohermi; local gypsum and anhydrite (Somerset Island); common shallowing-upward cycles; semi-arid to arid subtidal to supratidal settings **(Allen Bay)**.

ORDOVICIAN

MIDDLE AND LATE ORDOVICIAN (Blackriveran to Richmondian)

Ocd5 — **THUMB MOUNTAIN:** Limestone, mudstone, grainstone; wackestone, dolostone; subtidal and intertidal, restricted and unrestricted.
5. Thumb Mountain, Irene Bay, undivided.

MIDDLE ORDOVICIAN (Whiterockian)

Odb1 — **BAY FIORD:** Dolostone, limestone; minor anhydrite, rock salt, breccia; initially hypersaline-grading to mostly restricted peritidal.
1. Dolostone, dolomitic limestone; very fine- to fine-grained, thin- to medium-bedded, grey to green weathering; limestone, pale to dark brown, massive-bedded, burrow-mottled, locally bioclastic; basal discontinuous member of gypsum, anhydrite, solution breccia and, in the Parry Islands, subsurface rock salt; initially hypersaline grading up into mostly restricted peritidal **(Bay Fiord)**.

EARLY ORDOVICIAN (Arenig)

Oe1 — **ELEANOR RIVER:** Limestone, dolostone, grainstone, packstone, wackestone, mudstone; unrestricted, perhaps to subtidal shelf.
1. Limestone, lesser dolostone; light brown to dark brown, thick- to massive-bedded, burrow-mottled, grainstone, packstone, wackestone, stromatolitic and thrombolitic members alternating with recessive light yellowish grey, very thin- and thin-bedded lime mudstone and grainstone members; unrestricted subtidal to peritidal **(Eleanor River)**.

EARLY ORDOVICIAN (Tremadoc and Arenig)

Ob1 — **BAUMANN FIORD:** Anhydrite; minor dolosiltite, limestone; arid climate, hypersaline subtidal to peritidal shelf.
1. Gypsum, anhydrite; white and light grey weathering; planar parallel lamination; intensely tectonized; recessive; minor dolosiltite, limestone including mudstone, grainstone, packstone, stromatolitic boundstone; flat pebble conglomerate; arid climate, hypersaline subtidal to peritidal shelf **(Baumann Fiord)**.

EARLY ORDOVICIAN (Tremadoc)

Oce — **CHRISTIAN ELV:** Limestone, including lime mudstone, calcisiltite; medium to dark grey weathering; medium- to thick-bedded; ripples, mud cracks; intraclast flat pebble conglomerate; minor thrombolitic boundstone; dolosiltite, quartz sandstone, calcareous; medium-grained; medium- to thick-bedded; cross-stratified; restricted shelf, shallow subtidal to peritidal **(Christian Elv)**.

Occ — **CAPE CLAY:** Dolostone, limestone including lime mudstone, packstone, grainstone; thrombolitic microbialite; thick- to massive-bedded; grey to grey-brown weathering, burrow-mottled; rare dolosiltite, flat pebble conglomerate, nodular chert; mostly subtidal unrestricted shallow marine shelf **(Cape Clay)**.

CAMBRIAN AND ORDOVICIAN

MIDDLE CAMBRIAN TO EARLY ORDOVICIAN (Tremadoc)

Cm-cf1 — **CASS FJORD:** Dolostone, limestone, intraclast conglomerate; minor shale, sandstone, gypsum; local bioherms; peritidal grading to subtidal shelf.
1. Dolostone, limestone; light grey and grey-brown, thin-bedded; intraclast flat-pebble conglomerate; calcisiltite, dolosiltite, stromatolitic boundstone; minor shale, sandstone, gypsum, local carbonate mud mounds and algal reefs; mostly peritidal grading northwest to subtidal settings **(Cass Fjord)**.

CAMBRIAN

EARLY AND MIDDLE CAMBRIAN (Series 2, 3)

Cm-sb3 — **SCORESBY BAY:** Dolostone, limestone; minor basal sandstone, intraclast conglomerate, sedimentary breccia; nearshore grading to shallow marine shelf.
3. Limestone, dolostone, variably argillaceous and arenaceous, medium- to thick-bedded, medium- and coarse-grained, yellow-orange and brown; minor flat-pebble conglomerate, sandstone; nearshore and shallow marine, restricted and unrestricted **(Capot Leiper, Cape Ingersoll, Police Post, Cape Kent, Cape Wood)**; sandstone, coarse-grained to pebbly, medium- to thick-bedded; cross-bedded; yellow-orange; shoreface and nearshore shallow marine **(Dallas Bugt)**.

Cm-rb1 — **RABBIT POINT:** Limestone, dolostone; sandstone; fluvial and nearshore grading to shallow subtidal.
1. Sandstone, thick-bedded, planar and trough cross-stratified, medium- to coarse-grained, grey, yellow, red weathering; sandstone, very fine- to fine-grained, thin-bedded, ripples, desiccation cracks, trace fossils; fluvial and nearshore settings **(Rabbit Point)**; limestone, nodular, burrowed, trilobite fragments; dolostone, medium- to coarse-grained, in part silty or arenaceous, burrow-mottled; subtidal shelf ramp **(Bear Point)**.

MESOPROTEROZOIC

ECTASIAN AND STENIAN (1270 to 1000 Ma)

mPb1 — **BORDEN:** Siltstone, shale, sandstone, dolostone; syntectonic alluvial fans grading to fluvial and shallow marine.
1. Siltstone and shale, laminated to thin-bedded; sandstone to very thick-bedded; stromatolitic dolostone; dolostone intraclast and polymictic conglomerate; synteclonic alluvial fans grading to fluvial and shallow marine settings **(Strathcona Sound)**.

mPt4 — **THULE:** Quartzite, conglomerate, siltstone, shale, dolostone; minor basalt.
4. Orthoquartzite, quartz-pebble conglomerate, red siltstone, shale, dolostone, microbialite, minor limestone, basalt flows; intruded by sills of Franklin-Thule swarm **(Narres Strait group, Smith Sound group)**.

mPt3

PALEOPROTEROZOIC

OROSIRIAN (1990 to 1915 Ma)

pPeg2 — **ETAH plutonic assemblage:** Tonalite, granite; minor paragneiss, pegmatite; collisional setting plutonic complex.
2. Orthogneiss granite, perthite porphyroblasts, red and pink, locally containing metasedimentary enclaves, locally retrograded.

pPep1 — 1. Orthogneiss tonalite; minor orthogneiss granite, granodiorite; plagioclase porphyroblasts; red, brown, grey; common granite and pegmatite veins, layers, locally retrograded.

OROSIRIAN (1900 to 1920 Ma)

pPe5 — **ETAH:** Paragneiss, cordierite sillimanite gneiss, quartzite, marble; minor pyriboilite; interleaved granitoids, orthogneiss; granulite grade supracrustal rocks.
5. Ultramafic pyroxenite.
4. Pyriboilite, amphibolite, metalyses.
3. Marble, calc-silicate.
2. Quartzite with sillimanite, garnet, feldspar.
1. Sillimanite gneiss with garnet, cordierite, biotite; minor pyriboilite, marble, quartzite, quartzofeldspathic gneiss with pyroxene.

pPe4

pPe3

pPe2

pPe1

NEOARCHEAN AND PALEOPROTEROZOIC (to 1915 Ma)

ApPi — **INGLEFIELD:** orthogneiss, granite, tonalite; minor syenite, pegmatite; high grade collisional plutonic complex.
5. Granulite, granitoid gneiss, granite, tonalite, minor pyriboilite, amphibolite, marble, cordierite and sillimanite gneiss and other metasediments.
4. Hornblende-biotite gneiss; grey, pink, red; retrograded.
2. Orthopyroxene tonalite, tonalitic gneiss; minor granitic gneiss, granite veins, pegmatite; grey, greenish grey; locally retrograded.
1. Orthopyroxene granite, granitic gneiss, tonalite, tonalitic gneiss; minor orthopyroxene granodiorite, syenite, granite veins, pegmatite; brown, red, feldspar porphyroblasts, locally retrograded.

Contacts
Geological boundary; defined or approximate

Faults
Fault: approximate
Fault: assumed
Fault: inferred
Fault: approximate, showing downthrown side
Fault: assumed, showing downthrown side
Fault: inferred, showing downthrown side

Thrust faults
Thrust fault: approximate, teeth indicate upthrust side
Thrust fault: inferred, teeth indicate upthrust side

Dykes
Diabase dyke

REFERENCES

Dawes, P.R., 1997. The Proterozoic Thule Supergroup, Greenland and Canada: history, lithostratigraphy and development. Geology of Greenland Survey Bulletin 174, p.150.

Dawes, P.R., 2006. Explanatory notes to the geological map of Greenland, 1:500,000, Thule, sheet 5. Geological Survey of Denmark and Greenland Map Series 2, 27 pp. + map.

de Freitas, T.A., Harrison, J.C., and Mayr, U., 1997. Sequence stratigraphic correlation chart of the lower Paleozoic platform succession in Canadian Arctic Islands and parts of north Greenland. Geological Survey of Canada, Open File 3410. doi:10.4095/208182

Dewing, K. and Nowlan, G.S., 2004. Correlation chart of Cambrian and Ordovician stratigraphy, Arctic Islands, Nunavut, Canada; Geological Survey of Canada, Open File 1837.

Dewing, K. and Nowlan, G.S., 2012. The Lower Cambrian to Lower Ordovician carbonate platform and shelf margin, Canadian Arctic Islands, in The great American carbonate bank: The geology and economic resources of the Cambrian–Ordovician Sauk megasequence of Laurentia, (ed.) J.R. Derby, R.D. Fritz, S.A. Longacre, W.A. Morgan, and S.A. Sternbach; AAPG Memoir 98, p. 627–647.

Embry, A.F., 1991. Chapter 10: Middle-Upper Devonian Clastic Wedge of the Arctic Islands; in Geology of the Innuitian Orogen and Arctic Platform of Canada and Greenland, (ed.) H.P. Trettin; Geological Survey of Canada, Geology of Canada Series no. 3, p. 253–275.

Frisch, T., 1984a. Geology, Makinson Inlet, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1313A, scale 1:250 000. doi:10.4095/120421

Frisch, T., 1984b. Geology, Devon Ice Cap, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1314A, scale 1:250 000. doi:10.4095/120422

Frisch, T., 1988. Reconnaissance Geology of the Precambrian Shield of Ellesmere, Devon and Coburg Islands, Canadian Arctic Archipelago; Geological Survey of Canada, Memoir 420, 102 p. doi:10.4095/128419

Harrison, J.C., Mayr, U., McNeil, D.H., Sweet, A.R., McIntyre, D.J., Eberle, J.J., Harington, C.R., Chalmers, J.A., Dam, G., and Nøhr-Hansen, H., 1999. Correlation of Cenozoic sequences of the Canadian Arctic region and Greenland; implications for the tectonic history of northern North America; Bulletin of Canadian Petroleum Geology vol. 47, no. 3, p. 223–254.

Kerr, J.W. and Thorsteinsson, R., 1972. Geology, Baumann Fiord, District of Franklin; Geological Survey of Canada, Map 1312A, scale 1:250 000. doi:10.4095/109134

Mayr, U. and Okulitch, A.V., 1984a. Geology, Bad Fiord – Cardigan Strait, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1540A, scale 1:250 000. doi:10.4095/194487

Mayr, U. and Okulitch, A.V., 1984b. Geology, Craig Harbour, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1541A, scale 1:250 000. doi:10.4095/194488

Miall, A.D., 1986. The Eureka Sound Group (Upper Cretaceous – Oligocene), Canadian Arctic Islands; Bulletin of Canadian Petroleum Geology v. 34, p. 240–270.

Miall, A.D., 1991. Chapter 15: Late Cretaceous and Tertiary Basin Development and Sedimentation, Arctic Islands; in Geology of the Innuitian Orogen and Arctic Platform of Canada and Greenland, (ed.) H.P. Trettin; Geological Survey of Canada, Geology of Canada Series no. 3, p. 437–458.

Thorsteinsson, R., 1986a. Geology, Bear Bay East and Lady Ann Strait, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1613A, scale 1:250 000. doi:10.4095/122791

Thorsteinsson, R., 1986b. Geology, Bear Bay West and Baillie-Hamilton Island, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1614A, scale 1:250 000. doi:10.4095/122792

Thorsteinsson, R., 1986c. Geology, Dundas Harbour, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1615A, scale 1:250 000. doi:10.4095/122794

Thorsteinsson, R., 1986d. Geology, Maxwell Bay and Resolute, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1615A, scale 1:250 000. doi:10.4095/122793

Thorsteinsson, R., 1986e. Geology, Powell Inlet, District of Franklin, Northwest Territories; Geological Survey of Canada, Map 1612A, scale 1:250 000.

Thorsteinsson, R. and Mayr, U., 1987. The Sedimentary Rocks of Devon Island, Canadian Arctic Archipelago; Geological Survey of Canada, Memoir 411, 182 p.

Thorsteinsson, R., Harrison, J.C., and de Freitas, T.A., 2009. Phanerozoic bedrock geology, Vendom Fiord area, Ellesmere Island, Nunavut; Geological Survey of Canada, Map 2142A, scale 1:125 000. doi:10.4095/226426

Recommended citation

Harrison, J.C., Thorsteinsson, R., Frisch, T., Mayr, U., Gilbert, C., Lynds, T., and Ford, A., 2015. Geology, Tectonic assemblage map of Grise Fiord, eastern Devon and southern Ellesmere islands, Nunavut; Geological Survey of Canada, Canadian Geoscience Map 34 (2nd edition, preliminary), scale 1:500 000. doi:10.4095/296222