

SYDERUP BASIN AND TERTIARY BASINS

QUATERNARY
Q Unconsolidated sediments (deposited only where underlying bedrock geology cannot be inferred with reasonable certainty)

TERTIARY
T₁ TERTIARY GROUP (T₁)
T₂ TERTIARY GROUP (T₂)

CRETACEOUS
C₁ CRETACEOUS GROUP (C₁)
C₂ CRETACEOUS GROUP (C₂)

TRIASIC TO CRETACEOUS
T₃ TRIASIC TO CRETACEOUS GROUP (T₃)

PERMIAN AND TRIASSIC
P₁ PERMIAN AND TRIASSIC GROUP (P₁)

PERMIAN
P₂ PERMIAN GROUP (P₂)

LOWER PERMIAN
P₃ LOWER PERMIAN GROUP (P₃)

CARBONIFEROUS AND PERMIAN
C₁ CARBONIFEROUS AND PERMIAN GROUP (C₁)

CARBONIFEROUS
C₂ CARBONIFEROUS GROUP (C₂)

ORDOVICIAN AND SILURIAN
O₁ ORDOVICIAN AND SILURIAN GROUP (O₁)

ORDOVICIAN
O₂ ORDOVICIAN GROUP (O₂)

PRE-LATE MIDDLE ORDOVICIAN, PROBABLY UPPER PROTEROZOIC TO CAMBRIAN OR LOWER CROCODONIAN
P₄ PRE-LATE MIDDLE ORDOVICIAN, PROBABLY UPPER PROTEROZOIC TO CAMBRIAN OR LOWER CROCODONIAN GROUP (P₄)

SILURIAN
S₁ SILURIAN GROUP (S₁)

CAMBRIAN TO SILURIAN
C₃ CAMBRIAN TO SILURIAN GROUP (C₃)

CAMBRIAN
C₄ CAMBRIAN GROUP (C₄)

INTRUSIONS
I₁ INTRUSIONS GROUP (I₁)

ORDOVICIAN
O₃ ORDOVICIAN GROUP (O₃)

PERMIAN
P₄ PERMIAN GROUP (P₄)

TRIASSIC TO CRETACEOUS
T₄ TRIASSIC TO CRETACEOUS GROUP (T₄)

QUATERNARY
Q₁ QUATERNARY GROUP (Q₁)

PERMIAN
P₅ PERMIAN GROUP (P₅)

TRIASSIC TO CRETACEOUS
T₅ TRIASSIC TO CRETACEOUS GROUP (T₅)

QUATERNARY
Q₂ QUATERNARY GROUP (Q₂)

PERMIAN
P₆ PERMIAN GROUP (P₆)

TRIASSIC TO CRETACEOUS
T₆ TRIASSIC TO CRETACEOUS GROUP (T₆)

QUATERNARY
Q₃ QUATERNARY GROUP (Q₃)

PERMIAN
P₇ PERMIAN GROUP (P₇)

TRIASSIC TO CRETACEOUS
T₇ TRIASSIC TO CRETACEOUS GROUP (T₇)

QUATERNARY
Q₄ QUATERNARY GROUP (Q₄)

PERMIAN
P₈ PERMIAN GROUP (P₈)

TRIASSIC TO CRETACEOUS
T₈ TRIASSIC TO CRETACEOUS GROUP (T₈)

QUATERNARY
Q₅ QUATERNARY GROUP (Q₅)

PERMIAN
P₉ PERMIAN GROUP (P₉)

TRIASSIC TO CRETACEOUS
T₉ TRIASSIC TO CRETACEOUS GROUP (T₉)

QUATERNARY
Q₆ QUATERNARY GROUP (Q₆)

PERMIAN
P₁₀ PERMIAN GROUP (P₁₀)

TRIASSIC TO CRETACEOUS
T₁₀ TRIASSIC TO CRETACEOUS GROUP (T₁₀)

QUATERNARY
Q₇ QUATERNARY GROUP (Q₇)

PERMIAN
P₁₁ PERMIAN GROUP (P₁₁)

TRIASSIC TO CRETACEOUS
T₁₁ TRIASSIC TO CRETACEOUS GROUP (T₁₁)

QUATERNARY
Q₈ QUATERNARY GROUP (Q₈)

PERMIAN
P₁₂ PERMIAN GROUP (P₁₂)

TRIASSIC TO CRETACEOUS
T₁₂ TRIASSIC TO CRETACEOUS GROUP (T₁₂)

QUATERNARY
Q₉ QUATERNARY GROUP (Q₉)

PERMIAN
P₁₃ PERMIAN GROUP (P₁₃)

TRIASSIC TO CRETACEOUS
T₁₃ TRIASSIC TO CRETACEOUS GROUP (T₁₃)

QUATERNARY
Q₁₀ QUATERNARY GROUP (Q₁₀)

PERMIAN
P₁₄ PERMIAN GROUP (P₁₄)

TRIASSIC TO CRETACEOUS
T₁₄ TRIASSIC TO CRETACEOUS GROUP (T₁₄)

QUATERNARY
Q₁₁ QUATERNARY GROUP (Q₁₁)

PERMIAN
P₁₅ PERMIAN GROUP (P₁₅)

TRIASSIC TO CRETACEOUS
T₁₅ TRIASSIC TO CRETACEOUS GROUP (T₁₅)

QUATERNARY
Q₁₂ QUATERNARY GROUP (Q₁₂)

PERMIAN
P₁₆ PERMIAN GROUP (P₁₆)

TRIASSIC TO CRETACEOUS
T₁₆ TRIASSIC TO CRETACEOUS GROUP (T₁₆)

QUATERNARY
Q₁₃ QUATERNARY GROUP (Q₁₃)

PERMIAN
P₁₇ PERMIAN GROUP (P₁₇)

TRIASSIC TO CRETACEOUS
T₁₇ TRIASSIC TO CRETACEOUS GROUP (T₁₇)

QUATERNARY
Q₁₄ QUATERNARY GROUP (Q₁₄)

PERMIAN
P₁₈ PERMIAN GROUP (P₁₈)

TRIASSIC TO CRETACEOUS
T₁₈ TRIASSIC TO CRETACEOUS GROUP (T₁₈)

QUATERNARY
Q₁₅ QUATERNARY GROUP (Q₁₅)

PERMIAN
P₁₉ PERMIAN GROUP (P₁₉)

TRIASSIC TO CRETACEOUS
T₁₉ TRIASSIC TO CRETACEOUS GROUP (T₁₉)

QUATERNARY
Q₁₆ QUATERNARY GROUP (Q₁₆)

PERMIAN
P₂₀ PERMIAN GROUP (P₂₀)

TRIASSIC TO CRETACEOUS
T₂₀ TRIASSIC TO CRETACEOUS GROUP (T₂₀)

QUATERNARY
Q₁₇ QUATERNARY GROUP (Q₁₇)

PERMIAN
P₂₁ PERMIAN GROUP (P₂₁)

TRIASSIC TO CRETACEOUS
T₂₁ TRIASSIC TO CRETACEOUS GROUP (T₂₁)

QUATERNARY
Q₁₈ QUATERNARY GROUP (Q₁₈)

PERMIAN
P₂₂ PERMIAN GROUP (P₂₂)

TRIASSIC TO CRETACEOUS
T₂₂ TRIASSIC TO CRETACEOUS GROUP (T₂₂)

QUATERNARY
Q₁₉ QUATERNARY GROUP (Q₁₉)

PERMIAN
P₂₃ PERMIAN GROUP (P₂₃)

TRIASSIC TO CRETACEOUS
T₂₃ TRIASSIC TO CRETACEOUS GROUP (T₂₃)

QUATERNARY
Q₂₀ QUATERNARY GROUP (Q₂₀)

PERMIAN
P₂₄ PERMIAN GROUP (P₂₄)

TRIASSIC TO CRETACEOUS
T₂₄ TRIASSIC TO CRETACEOUS GROUP (T₂₄)

QUATERNARY
Q₂₁ QUATERNARY GROUP (Q₂₁)

120 E

1:250,000 (enlarged x 2)

CANADA

EDITION 1

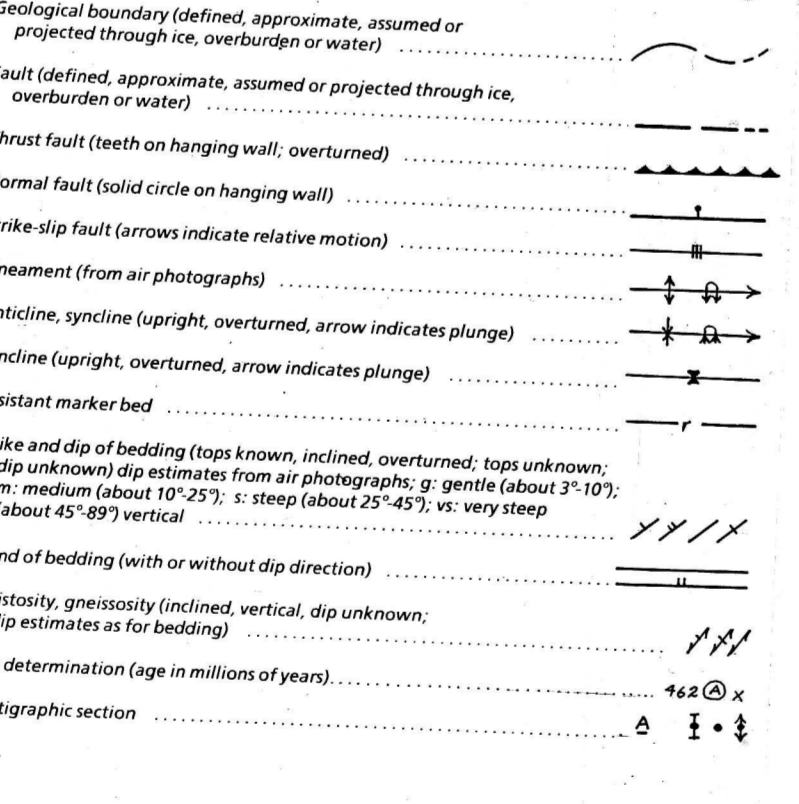
120 E



L I N C O L N S E A

C H A N N E L

ROBESON CHANNEL
CANADA
GREENLAND DENMARK



Note 1: Contour lines along north-south side of Ellesmere Island are interpolated between station and station. Contour interval, 100 feet.

Note 2: Unconsolidated 10% probably Late Cretaceous in age, are widely exposed.

Published geological source maps include: Ontario, 1963, Map 1184A, 1:50,000, 1974, pp. 15 and 16; Yukon, 1972, pp. 1 and 2.

Subsequent geological contributions by: A. King (1971), 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025.

Prepared by: Geological Survey of Canada, Ottawa.

Geology compiled by: J.P. Trestle, Carboniferous to Tertiary geology compiled by J.P. Trestle.

Published geological source maps include: Ontario, 1963, Map 1184A, 1:50,000, 1974, pp. 15 and 16; Yukon, 1972, pp. 1 and 2.

Subsequent geological contributions by: A. King (1971), 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025.

Prepared by: Geological Survey of Canada, Ottawa.

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Subsequent geological contributions by: A. King (1971), 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025.

Prepared by: Geological Survey of Canada, Ottawa.

ROBESON CHANNEL DISTRICT OF FRANKLIN NORTHWEST TERRITORIES
Scale 1:250 000
20 Kilometres
Transverse Mercator Projection
Elevations in feet above mean sea level
Contour interval 500 feet

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