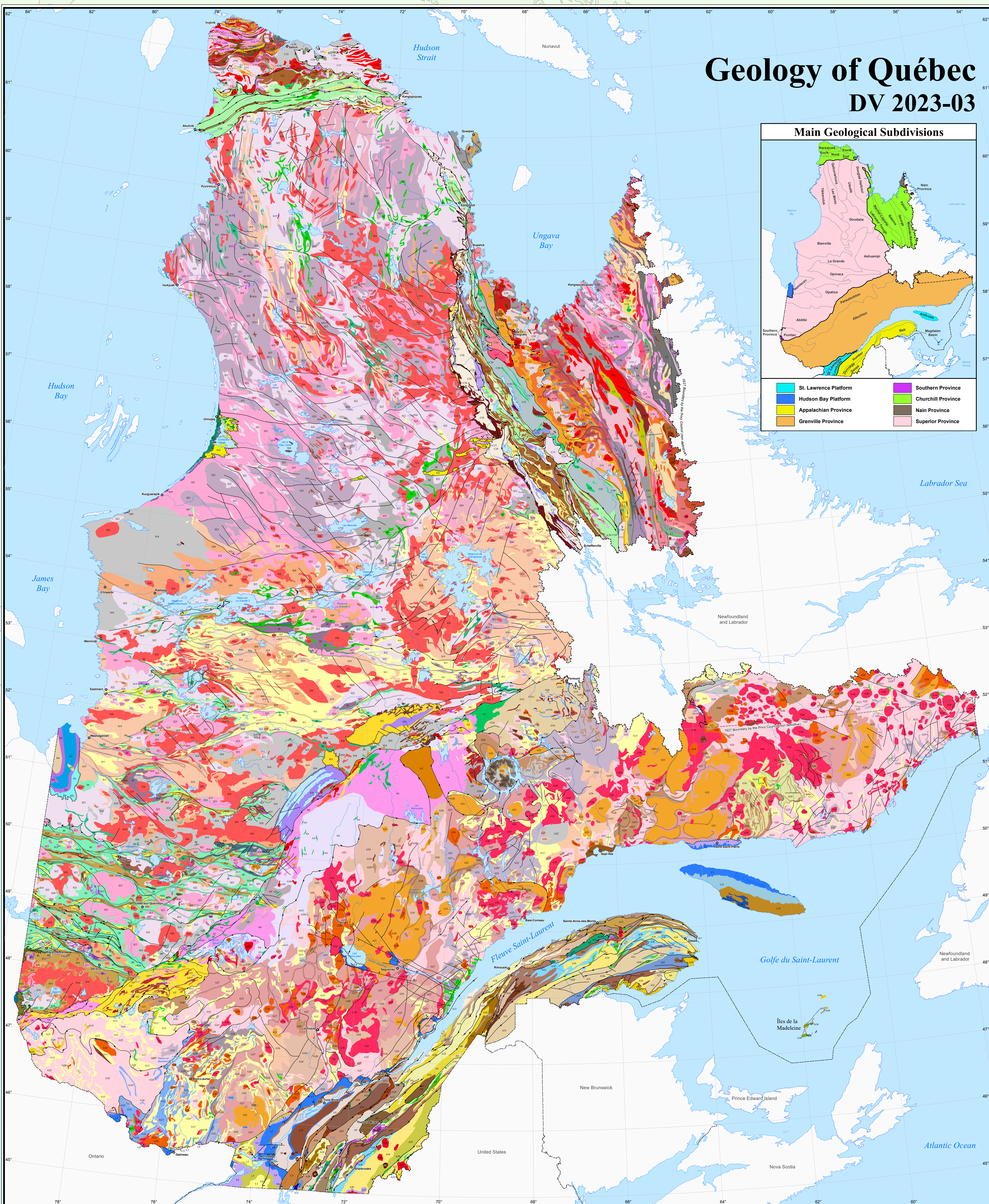


Main Geological Subdivisions

This map illustrates the main geological subdivisions of the Canadian Shield in Ontario. The subdivisions are color-coded and labeled as follows:

- St. Lawrence Platform** (Cyan): Located in the northwestern part of the province, including the areas of Hearst, Kirk, and Fort Severn.
- Hudson Bay Platform** (Blue): A small area in the northwest, near the town of Hearst.
- Appalachian Province** (Yellow): Located in the central part of the province, including the areas of Sudbury, Collingwood, and Simcoe.
- Grenville Province** (Orange): The largest subdivision, covering the central and eastern parts of the province, including the areas of Sudbury, Collingwood, Simcoe, and the Great Lakes region.
- Southern Province** (Purple): Located in the southern part of the province, including the areas of Niagara, Hamilton, and the Great Lakes region.
- Churchill Province** (Green): Located in the northern part of the province, including the areas of Hearst, Kirk, and Fort Severn.
- Superior Province** (Pink): Located in the northwestern part of the province, including the areas of Hearst, Kirk, and Fort Severn.

The map also shows major cities (Toronto, Ottawa, Sudbury, Collingwood, Simcoe, Hamilton, Niagara, and the Great Lakes region) and the Great Lakes (Superior, Michigan, Huron, Erie, and Ontario).



[MONTREAL]

MESOZOIC

CRETACEOUS

A90 Immobile to abundant, albidous, nodules and thin plates

A91 Immobile to abundant, albidous, nodules and thin plates

(ST. LAWRENCE PLATFORM)

PALEOZOIC

LOWER SILURIAN

L16 Mudstone, limestone and rhyolite

L17 Mudstone, limestone and rhyolite

L18 Crinoid and rhyolite

L19 Limestone, shale, mudstone and limestone conglomerate

UPPER AND MIDDLE ORDOVICIAN

O10 Sandstone, shale, dolomite and shale

O11 Sandstone, shale, dolomite and shale

O12 Red shale, sandstone, limestone, gypsiferous and shale

O13 Sand, mudstone, sandstone, limestone, gypsiferous and shale

O14 Limestone, shale and argillaceous limestone

O15 Limestone, shale, dolomite and sandstone

O16 Breccia with fragments of limestone, limestone and sandstone

O17 Breccia with fragments of limestone, limestone and sandstone

LOWER ORDOVICIAN

O18 Dolomite, sandstone, quartzitic sandstone and dolomite

O19 Dolomite, sandstone, limestone and shale

UPPER CAMBRIAN

C10 Quartzitic sandstone, albidous sandstone

C11 Quartzitic sandstone, albidous sandstone

LOWER CAMBRIAN

C12 Foliositic sandstone, quartzitic sandstone and limestone

C13 Dolomite, limestone and shale

HUDSON BAY PLATFORM

PALEOZOIC

LOWER DEVONIAN

D6 Sandstone and shale

UPPER AND MIDDLE SILURIAN

S10 Gypsiferous mudstone, albidous sandstone

S11 Gypsiferous mudstone, albidous sandstone

H1 Limestone, dolomite and siltstone

ORDOVICIAN

O1 Limestone, dolomite and siltstone

O2 Limestone, dolomite and siltstone

O3 Limestone, dolomite and siltstone

O4 Limestone, dolomite and siltstone

O5 Limestone, dolomite and siltstone

O6 Limestone, dolomite and siltstone

O7 Limestone, dolomite and siltstone

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O47 Limestone, dolomite and siltstone

O48 Limestone, dolomite and siltstone

O49 Limestone, dolomite and siltstone

O50 Limestone, dolomite and siltstone

Metadata

Géodésie: référence frame:	GRS 80 ellipsoid
Géodésie: reference system:	NAD 83 compatible with the world geospatial system WGS 84
Catagoricaly projection:	Lambert conical
Central meridian:	66° 30' West

0 50 100 150 km

1/2 000 000

Sources

Date	Organization	Year
Geology:	Ministère des Ressources naturelles et des Forêts Direction d'information géologique et de la promotion	2022
Topography:	Ministère des Ressources naturelles et des Forêts Direction générale de l'information géographique	2010

Realization

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Learn more https://gis.mines.gov.qc.ca/documentation_english/information_geological-map-of-quebec/

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Location



The map shows the province of Quebec, Canada, with its international border with the United States to the south. A large portion of the central and eastern part of the province is highlighted in dark blue, indicating the geographical area covered by the geological map.

**Ministère des
Ressources naturelles
et des Forêts**

Québec

Logo of the Government of Quebec: four white fleurs-de-lis arranged in a square pattern on a black background.