GEOLOGY

GEOLOGICAL AGE

CENOZOIC
- QUATERNARY — Q
- TERTIARY — T

MESOZOIC
- CRETACEOUS — uK UPPER; IK LOWER
- JURASSIC — J
- TRIASSIC — Tr

PALEOZOIC
- PERMIAN — P
- CARBONIFEROUS — C
- DEVONIAN — D
- SILURIAN — S
- ORDOVICIAN — O
- CAMBRIAN — Є

PROTEROZOIC
- HADRYNIAN — H
- HELIKIAN NEOHELIKIAN — N
- PALEOHELIKIAN — Ph
- APHEBIAN — A

ARCHEAN
- ARCHEAN — A

- TERTIARY AND QUATERNARY — TQ
- CRETACEOUS AND TERTIARY — KT
- CRETACEOUS — K
- JURASSIC AND CRETACEOUS — JK
- TRIASSIC AND JURASSIC — TrJ
- MESOZOIC — M
- PENNSYLVANIAN AND PERMIAN — PP
- CARBONIFEROUS AND PERMIAN — CP
- DEVONIAN AND CARBONIFEROUS — DC
- SILURIAN AND DEVONIAN — SD
- ORDOVICIAN AND SILURIAN — OS
- CAMBRIAN AND ORDOVICIAN — ЄO
- PALEOZOIC — P
- ORDOVICIAN, SILURIAN AND DEVONIAN — OSD
- CAMBRIAN, ORDOVICIAN AND SILURIAN — ЄOS
- HADRYNIAN AND PALEOZOIC — HP
- HELIKIAN AND HADRYNIAN — HH
- HELIKIAN — H
- APHEBIAN AND HELIKIAN — AH
- PROTEROZOIC — Ꝑ

LITHOLOGY

Lithology is indicated by lower case letters to the right of upper case letters which designate age.

GRANITE AND ALLIED PLUTONIC ROCKS (g)
- Tg
- Mg, Kg
- Jg, Trg
- Cg, Dg, Og
- Hg, Ng, Phg, Ag
- Ag (part may be Proterozoic)

GRANITIC GNEISS (gn)
- Agn
- Agn (part may be Proterozoic)

GRANULITE, CHARNOCKITE (nh)
- Anh (part may be Proterozoic)

SYENITE, MANGERITE (y)
- Hy, Ny, Phy

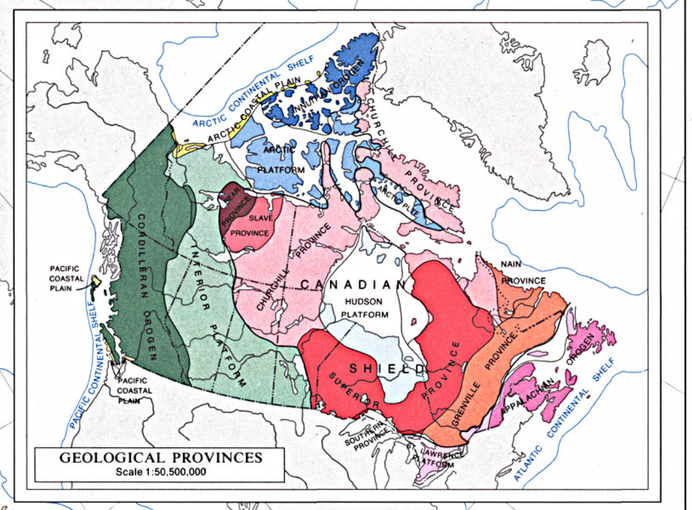
GABBRO, DIORITE (b)
- Kb, Hb, Nb, Phb, Ab, Ab

DIABASE OR GABBRO DYKE (d)
- Kd, Trd, Hd, Hd, Ad

ANORTHOSITE (a)
- Pha, Aa

DUNITE, PYROXENITE, SERPENTINITE (ub)
- Trub, Pub, DCub, Oub, Nub, Aub

- Gneiss and schist derived from sedimentary and volcanic rocks
- Volcanic rocks (may include intrusive rocks)
- Non-marine sedimentary rocks (partly or entirely)
- Volcano
- Gypsum diapir
- × Carbonatite and syenite intrusion
- Geological contact (underwater shown by pecked line)
- Fault (underwater shown by pecked line)
- Transcurrent fault (dextral, sinistral)
- Normal fault (hachures on hanging wall)
- Thrust fault (teeth on hanging wall)
- 500 Bathymetric contour (Depth in metres)
- Glacier, ice cap, ice field



GEOLOGICAL PROVINCES
Scale 1:50,500,000

Geology compiled by R.J.W. Douglas, Geological Survey of Canada, 1969.

Lambert Conformal Conic Projection Standard Parallels 49°N. and 77°N.

THE NATIONAL ATLAS OF CANADA

Scale 1:15,000,000 or One Inch to 236.73 Miles

100 0 100 200 300 400 Miles

100 0 100 200 300 400 500 600 700 Kilometres