

LEGEND

SOUTHAMPTON ISLAND

- SILURIAN
 - MIDDLE SILURIAN
 - 15 ATTAWAPISKAT FORMATION: light grey and tan massive biostromal limestone and dolomite with bioherm reefs
 - 14 EKWAN RIVER FORMATION: brown and tan thin-bedded limestone with massive biostromal lenses
- PALEOZOIC
 - SEVERN RIVER FORMATION: thin- to thick-bedded light brown and tan mottled limestone and dolomite
 - ORDOVICIAN
 - UPPER ORDOVICIAN
 - 12 RED HEAD RAPIDS FORMATION: light tan, uniformly bedded stromatolitic limestone and dolomite with thick massive biostromal and biohermal facies in upper part
 - 11 CHURCHILL RIVER GROUP: greyish brown argillaceous limestone with lenses of orange and brown mottled algal limestone
 - 10 BAD CACHE RAPIDS GROUP: light and medium brown, nodular bedded, argillaceous limestone with yellowish orange mottling
- PROTEROZOIC
 - 9 Diabase and gabbro sills and dykes
 - 8 Granodiorite and allied rocks, massive to slightly foliated, locally abundant mafic inclusions
 - 7 7a, diorite and gabbro and derived metamorphic rocks; 7b, peridotite and altered peridotite
 - 6 Granitoid gneiss and migmatite, locally includes units 3, 4, and 5
 - 5 Quartzo-feldspathic granulite, fine- to medium-grained, massive to moderately foliated
 - 4 Intermediate gneiss, well foliated, locally layered, includes granulite, basic gneiss and amphibolite
- ARCHEAN
 - 3 Layered gneiss, fine grained, thinly layered, locally extremely contorted
 - 2 Metasedimentary rocks: 2a, quartzite and impure quartzite; 2b, lime silicate gneiss
 - 1 Basic and intermediate volcanic rocks and derived metamorphic rocks: 1a, metavolcanic rocks; 1b, amphibolite; 1c, basic gneiss

- Rock outcrop X
- Geological boundary (approximate)
- Geological boundary (assumed)
- Geological boundary (gradational)
- Bedding, tops known (horizontal, inclined).
- Gneissosity, schistosity (horizontal, inclined, vertical, dip unknown).
- Structural trend (from air photographs).
- Lineament
- Fault (defined, approximate, assumed)
- Joint (vertical, inclined)
- Anticline
- Syncline

Geology by W. W. Heywood (Precambrian) and B. V. Sanford (Paleozoic) 1969

Base-map at the same scale published by the Surveys and Mapping Branch, R. C. E.

Copies of the topographical edition of this map may be obtained from the Map Distribution Office, Department of Energy, Mines and Resources, Ottawa

Elevations in feet above mean sea-level

