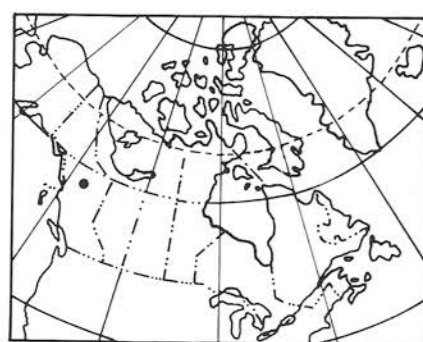


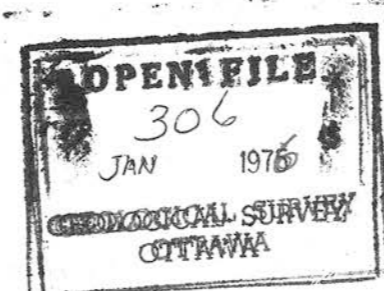
LEGEND

- TERTIARY AND UPPER CRETACEOUS**
18. SUSTUT GROUP:
SIFTON FORMATION : Nonmarine conglomerate, shale, siltstone, tuff, minor fetid limestone. Gabbroic dykes and sills.
- MIDDLE AND UPPER JURASSIC**
17. 'BOWSER ASSEMBLAGE' : Shale, siltstone, pebble conglomerate.
- LOWER AND/OR MIDDLE JURASSIC**
16. 'TOODOGGONE' volcanic rocks : Dacite, latite, rhyolite, tuff, breccia, flows; local maroon weathering conglomerate of uncertain age; includes local intrusive equivalents.
- LOWER JURASSIC ?**
15. HAZELTON GROUP : Volcanic conglomerate, breccia, lahar; abundant pink feldspar porphyry dykes and sills; may include some 14 and 16.
- UPPPER TRIASSIC**
14. TAKLA GROUP : Coarse-bladed plagioclase porphyry, augite porphyry, tuff, agglomerate; 14a, limestone; may locally include 15.
- UPPER PALEOZOIC**
13. ASITKA GROUP : Chert, argillite, limestone, greenstone.
12. : Sericite and chlorite phyllite, foliated, chloritic greenstone, grit; acidic tuff (?), minor red chert; 12a, limestone; 12b, chlorite schist, grit, amphibolite.
- DEVONIAN AND MISSISSIPPIAN (?)**
11. : Conglomerate, siltstone, shale
- ORDOVICIAN, SILURIAN AND DEVONIAN**
10. : Siltstone, shale, calcareous shale.
- CAMBRIAN AND ORDOVICIAN**
9. KECHIKA GROUP : Phyllitic limestone, calcareous shale, limestone.
- LOWER CAMBRIAN**
- ATAN GROUP**
8. : Limestone, siltstone, dolomite.
7. : Impure quartzite, shale; local sandstone conglomerate.
6. : Orthoquartzite.
- PROTEROZOIC AND LOWER CAMBRIAN (UNDIVIDED)**
5. : Mica schist and phyllite, quartzite, amphibolite, augen-gneiss, crystalline limestone
- PROTEROZOIC**
4. : Siltstone, sandstone, shale, limestone.
3. : Limestone (locally oolitic and pisolitic), minor dolostone.
2. : Sericitic phyllite
1. : Quartzo-feldspathic, gritty sandstone, siltstone, shale and conglomerate; minor limestone; metamorphic equivalents from chlorite to kyanite grade.
- GRANITIC ROCKS**
- TERTIARY**
- A. Dacite (?) dyke
- MID-CRETACEOUS**
- B. Quartz monzonite, mainly foliated, mylonitized along contacts; E₁, Gneiss and migmatite.
- LOWER JURASSIC**
- C. Quartz monzonite and granodiorite, locally megacrystic.
- D. Granodiorite, leucocratic, pink; fine- to medium-grained.
- E. Hornblende-quartz diorite, commonly contains biotite; foliated; E₁, migmatite.
- ULTRABASIC ROCKS**
- F. Dunite, clinopyroxenite; peridotite; F₁, hornblende, gabbro.
- geological boundary
 limit of geological mapping
 - - - - - fault
 ▲▲▲▲▲ thrust fault
 ○-○- chlorite isograd
 ●-●- biotite isograd
 ■-■- garnet isograd
 x-x-x kyanite isograd

Geology by
 H. Gabrielse, C.J. Dodds and J.L. Mansy, 1971-1975
 Cartography by G.R. Dumas



INDEX MAP



GEOLOGY TOODOGGONE RIVER (94E) MAP-AREA

