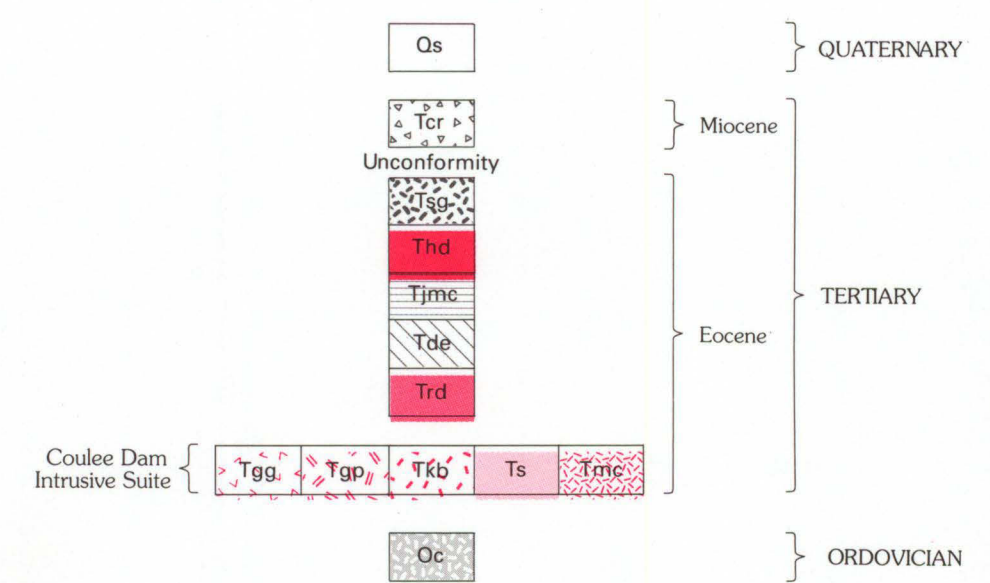


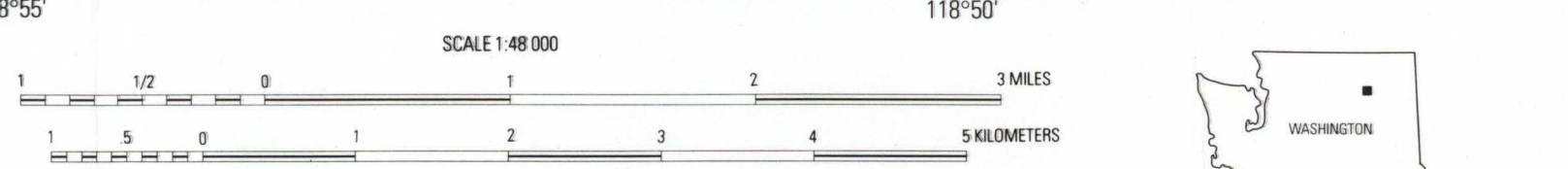
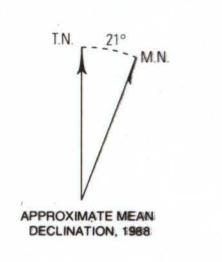
CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

- Qs** Surficial deposits (Quaternary)
  - Tcr** Columbia River Basalt Group (Miocene)
  - Tsd** Seriate granite (Eocene)
  - Tjmc** Joe Moses Creek stock (Eocene)
  - Tde** Devils Elbow pluton (Eocene)
  - Hypabyssal dike rocks (Eocene)
  - Tthd** Hornblende-dacite—Unit locally consists of more than fifty percent country rocks (hdc)
  - Ttrd** Hornblende-free rhyodacite—Unit locally consists of more than fifty percent country rocks (rdc)
  - Coulee Dam Intrusive Suite (Eocene)
    - Tgd** Garnet-bearing granite
    - Tgp** Granite porphyry
    - Tkb** Keller Butte Granite
    - Ts** Swawilla Granodiorite
    - Tmc** Manila Creek Granodiorite
  - Oc** Covada Group (Ordovician)—Metasedimentary rocks
- Contact—Dashed where approximately located; queried where probable; dotted where concealed
- Fault—Dashed where approximately located; dotted where concealed. Dip shown where known
- Strike and dip of joints
- Inclined
  - Vertical
  - Multiple joints
- Strike and dip of foliation
- Inclined
  - Vertical
- Strike and dip of mafic dikes
- Inclined
  - Vertical
- Strike and dip of fractures
- Inclined
  - Vertical
- Strike and dip of compositional layering
- Inclined
  - Vertical
- ← 29 Trend and plunge of mineral lineation
- 81-187 Geochemical sample locality - Number refers to tables 2, 4, 6, 7

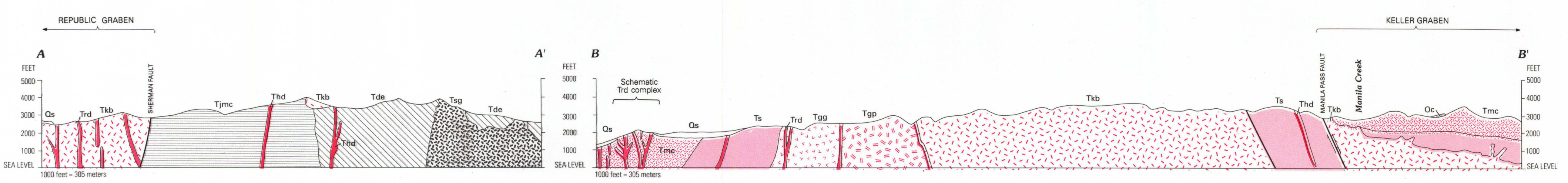
Base from U.S. Geological Survey  
1:82,500, Grand Coulee Dam, 1948  
Nespelem, 1953  
Polyconic projection



CONTOUR INTERVAL 40 FEET  
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929



Geology by D.H. Carlson, 1981-83;  
assisted by L. Peters-Leuth, 1982, and  
C.A. Closson, 1983



Carlson, D.H., 1983. Geology and geochemistry of the Coulee Dam Intrusive Suite and associated younger intrusive rocks, Colville batholith, Washington. U.S. Geological Survey Bulletin 1846.

**GEOLOGIC MAP OF THE GRAND COULEE DAM AREA, WASHINGTON**

By  
**Diane H. Carlson**  
1993