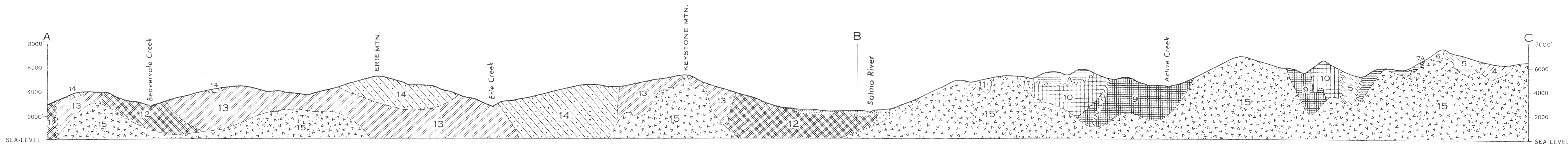
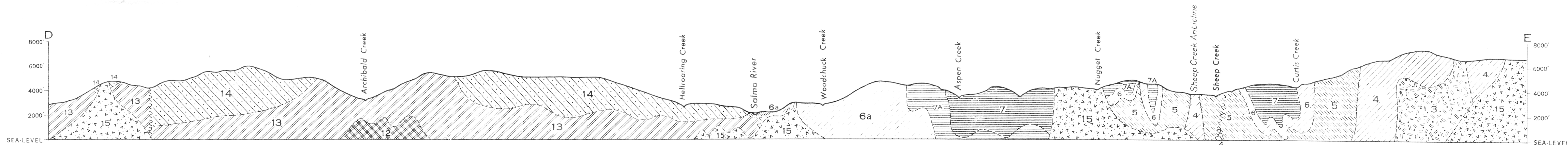


CANADA  
DEPARTMENT  
OF  
MINES AND TECHNICAL SURVEYS  
GEOLOGICAL SURVEY OF CANADA



STRUCTURE-SECTIONS ALONG LINES A-B AND B-C



STRUCTURE-SECTION ALONG LINE D-E

LEGEND

- TERTIARY** SHEPPARD INTRUSIONS  
16 Leucocratic granite
- CRETACEOUS (?)** NELSON INTRUSIONS  
15 Granite, granodiorite, quartz diorite, monzonite, syenite, and diorite
- JURASSIC OR CRETACEOUS** BEAVER MOUNTAIN FORMATION: andesite, latite, agglomerate, breccia, tuff, augite porphyry; minor argillite
- JURASSIC AND (?) CRETACEOUS** HALL GROUP  
13 Argillite, sandstone, conglomerate; minor volcanic rocks
- TRIASSIC (?)** ELISE FORMATION: agglomerate, andesite, latite, augite porphyry; minor argillite
- TRIASSIC AND (?) EARLIER** YMR GROUP  
11 Argillite, slate, and argillaceous quartzite; minor limestone
- ORDOVICIAN (?) AND LATER** SEAMAN GROUP  
10 White quartzite, schist, limestone; minor argillite
- ORDOVICIAN** MIDDLE ORDOVICIAN  
9 ACTIVE FORMATION: slate, argillaceous quartzite; minor limestone; 9a, limestone
- CAMBRIAN** MIDDLE CAMBRIAN  
8 NELWAY FORMATION: cream weathering dolomite; limestone and argillite
- LOWER CAMBRIAN** LAIB GROUP  
7a, 7b Schist, phyllite, argillaceous quartzite, argillite; 7a, mainly argillite; 7b, mainly limestone
- 6** RENO FORMATION: argillaceous quartzite, schist, argillite; 6a, includes abundant white quartzite; 6b, mainly schist; 6a and 6b probably include some 5
- 5** QUARTZITE RANGE FORMATION: white, green, and pinkish quartzite; 5a, argillaceous quartzite
- WINDERMERE (?)** 4 THREE SISTERS FORMATION: green grit and quartzite; minor conglomerate; 4a, conglomerate
- WINDERMERE** 3 MONK FORMATION: green argillite and phyllite; 3a, conglomerate; 3b, limestone
- 2** IRENE VOLCANIC FORMATION: greenstone; minor argillite; 2a, limestone
- 1** TOBY FORMATION: conglomerate; minor argillite

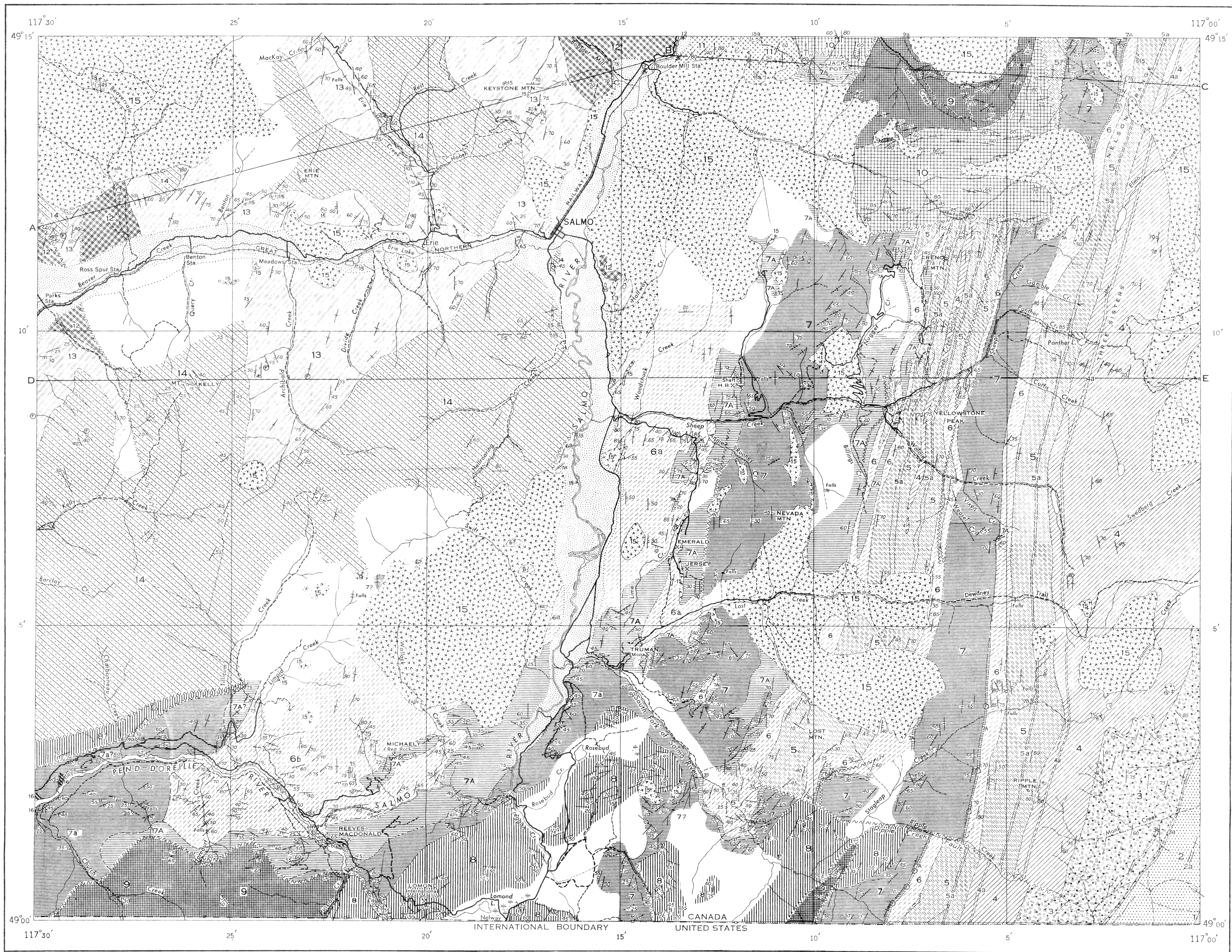
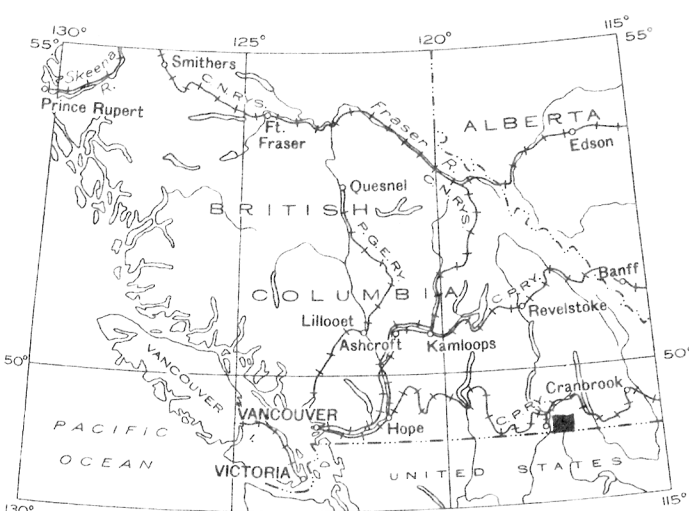
- Thickly drift-covered area.....
- Bedding (inclined, vertical, overturned).....
- Bedding (direction of dip known, upper side of bed unknown).....
- Fault (defined, approximate, assumed).....
- Glacial striae.....
- Fossil locality.....
- Mine or prospect.....
- Property described in accompanying report.....
- EMERALD

Note. Areas left unpatterned lack outcrops, and the nature of the bedrock is uncertain

Geology compiled by H. W. Little from Map 299A, Salmo sheet, by J. F. Walker 1934, and from field work by V. J. Okulich, 1947; H. W. Little, 1948-49; W. H. Mathews (B. C. Department of Mines, 1948-49); and K. Mulligan, 1949

Cartography by the Geological Mapping Division 1950

Approximate magnetic declination 23° East



PRELIMINARY MAP 50-19A

**SALMO**  
KOOTENAY DISTRICT  
BRITISH COLUMBIA

Scale: 1 Inch to 1 Mile = 63,360

