

SHEET 62 F (West Half)

MESOZOIC
OR
CENOZOIC

LEGEND

CRETACEOUS OR TERTIARY

9a, feldspar-quartz-augite porphyry dykes;
9b, andesite dykes; 9c, lamprophyre and
diabase dykes

Pegmatite stock; age relation
to other intrusions not known

CRETACEOUS

NELSON INTRUSIONS
Granodiorite, granite diorite; 6a, dioritic
porphyry satellite bodies

Monzonite chondritic; age
relation to other intrusions
not known

SILVER KING PORPHYRY: quartz diorite

JURASSIC OR CRETACEOUS

BEAVER MOUNTAIN FORMATION:
augite andesite and basalt porphyry flows,
breccia, agglomerate, minor conglomerate,
argillite, limestone

JURASSIC AND (?) CRETACEOUS

HALL FORMATION: siltstone, greywacke,
conglomerate, argillite, quartz-biotite schist,
quartzites; minor flows and pyroclastic
rocks; 2a, limestone

ELISE AND BEAVER
MOUNTAIN FORMATIONS:
undivided; Hall formation
unrecognizable or absent

TRIASSIC AND (?) JURASSIC

ELISE FORMATION: andesite, augite
andesite and basalt porphyry flows, breccia,
agglomerate; minor tuffs and sedimentary
rocks

BONNINGTON COMPLEX
Syenite; age relation to Nelson not known; in part gradational,
in part intrusive into A

Pre-Nelson in age
A, Pseudotachylite
B, Pyroxene-hornblende-biotite rock

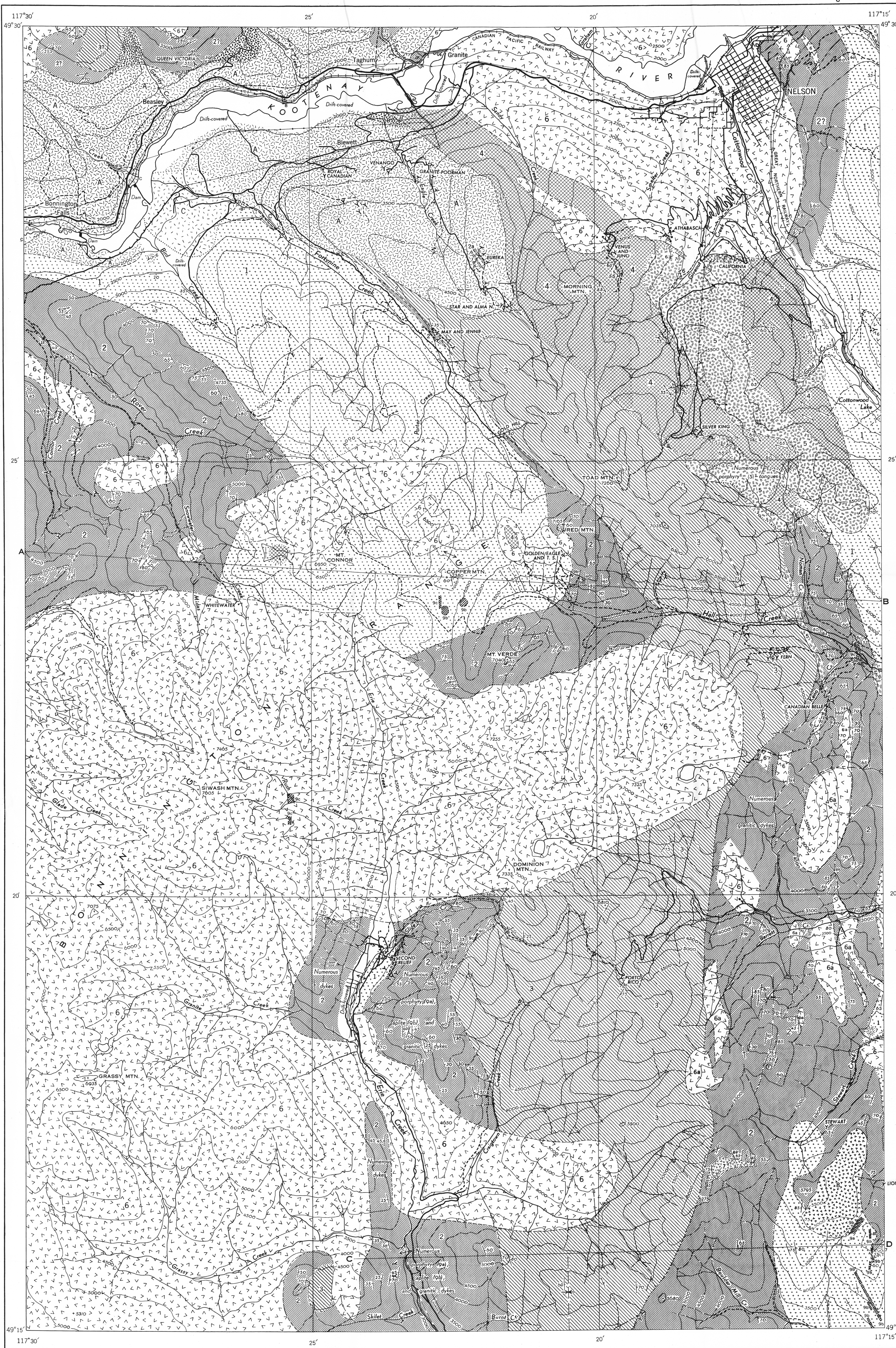
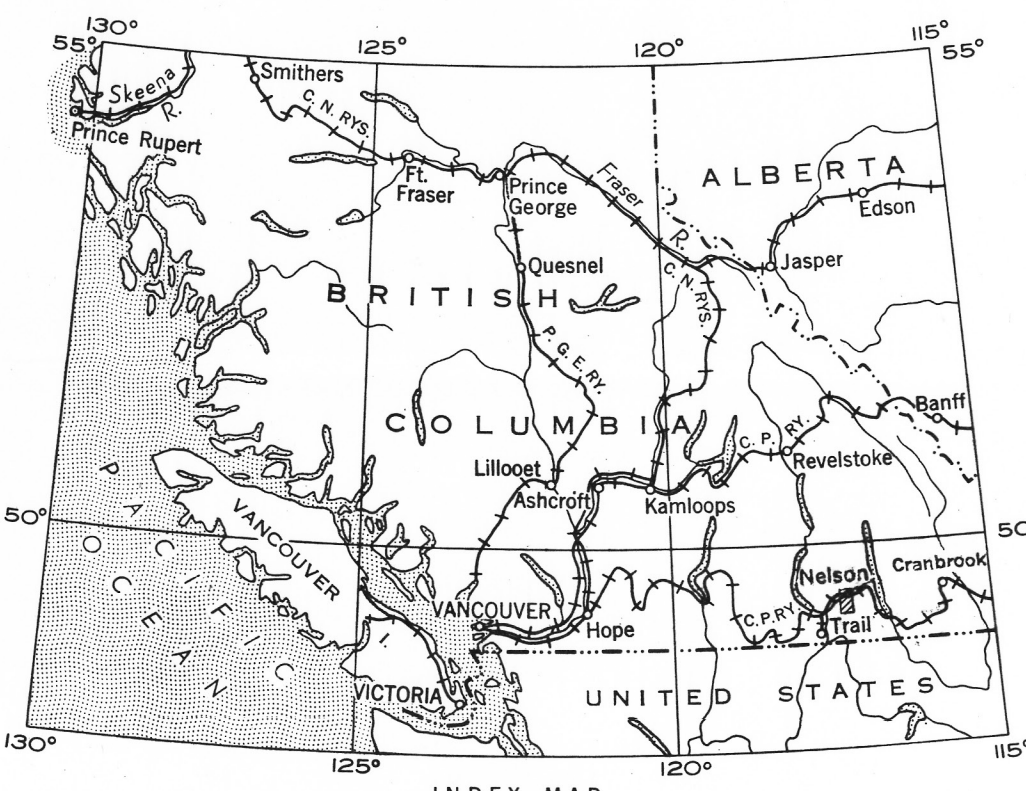
Bedding (inclined, vertical, overturned)
Bedding (upper side of bed unknown)
Schistosity (inclined, vertical)
Fault (defined)
Anticlinal axis
Synclinal axis
Glacial striae
Fossil locality
Ade
Blank areas are drift covered

Geology by R. Mulligan, 1949

Main highway
Other roads
Trail
Building
Electric power line
Stream (position approximate)
Contours (interval 500 feet)
Height in feet above mean sea-level 7335

Base-map surveyed by the Topographical Survey, in 1938 and 1939

Approximate magnetic declination, 22° 27' East



PUBLISHED, 1952

PRELIMINARY MAP 52-13A

BONNINGTON
KOOTENAY DISTRICT
BRITISH COLUMBIA

Scale: 1 Inch to 1/2 Mile = 1/31,080
Miles

