

Diagrammatic cross-sections along lines A-B, C-D, E-F, G-H, J-K and L-M

SHEET 82 <sup>F</sup>/<sub>16</sub>

GEOLOGICAL SERIES

LEGEND

- MESOZOIC AND/OR CENOZOIC**
- 15, 16 WHITE CREEK BATHOLITH (9-12, 14-16)  
15, Aplite  
16, Pegmatite
  - 14 Medium-grained quartz monzonite
  - 12 Leuco-quartz monzonite
  - 11 Porphyritic (microcline) quartz monzonite
  - 10 Hornblende-biotite granodiorite
  - 9 Biotite granodiorite
  - 8 Serpentinized clinopyroxenite
  - 7 MOVIE INTRUSIONS  
Meta-diorite and meta-quartz diorite
- PURCELL**
- UPPER PURCELL**
- 6 DUTCH CREEK FORMATION: buff and reddish weathering, silty dolomite, calcareous quartzite, and argillite; some grey quartzite
- LOWER PURCELL**
- 5 SIVYH FORMATION: light and dark green, laminated argillite, purple, green and grey argillite, green argillaceous quartzite
- PROTEROZOIC**
- 4 KITCHENER FORMATION: thin laminated, buff weathering, dolomitic and calcareous quartzite, siltstones, and argillite; creamy to buff dolomite and black limestone
  - 3 CRESTON FORMATION: green and grey weathering, green, grey, and purple argillaceous quartzites, meta-siltstones, and argillites; 3a, upper member; 3b, lower member; dark weathering, black to dark grey argillites, arenaceous argillites; recrystallized equivalents of siltstones
  - 2 ALDRIDGE FORMATION (1, 2)  
Upper Division: 2 Light grey weathering, light to dark grey quartzite with minor partings of black argillite  
2A Rusty weathering, evenly laminated, black and grey argillites and arenaceous argillites
  - 1 Lower Division: rusty weathering, laminated, light coloured, very fine-grained quartzites and argillaceous quartzites

- Areas largely or entirely covered with drift
- Bedding (inclined, vertical, overturned)
- Bedding (direction of dip known, upper side of bed unknown)
- Rotation (primary in granitic rocks, inclined, vertical)
- Lineation (primary in granitic rocks, inclined, vertical)
- Fault (defined, approximate, assumed)
- Anticlinal axis (defined, approximate)
- Synclinal axis (defined, approximate)
- Plunge of fold axis
- Basic inclusions (in cross sections)
- Potash feldspar phenocrysts (in cross sections)

Geology by J. E. Reesor, 1950-1952

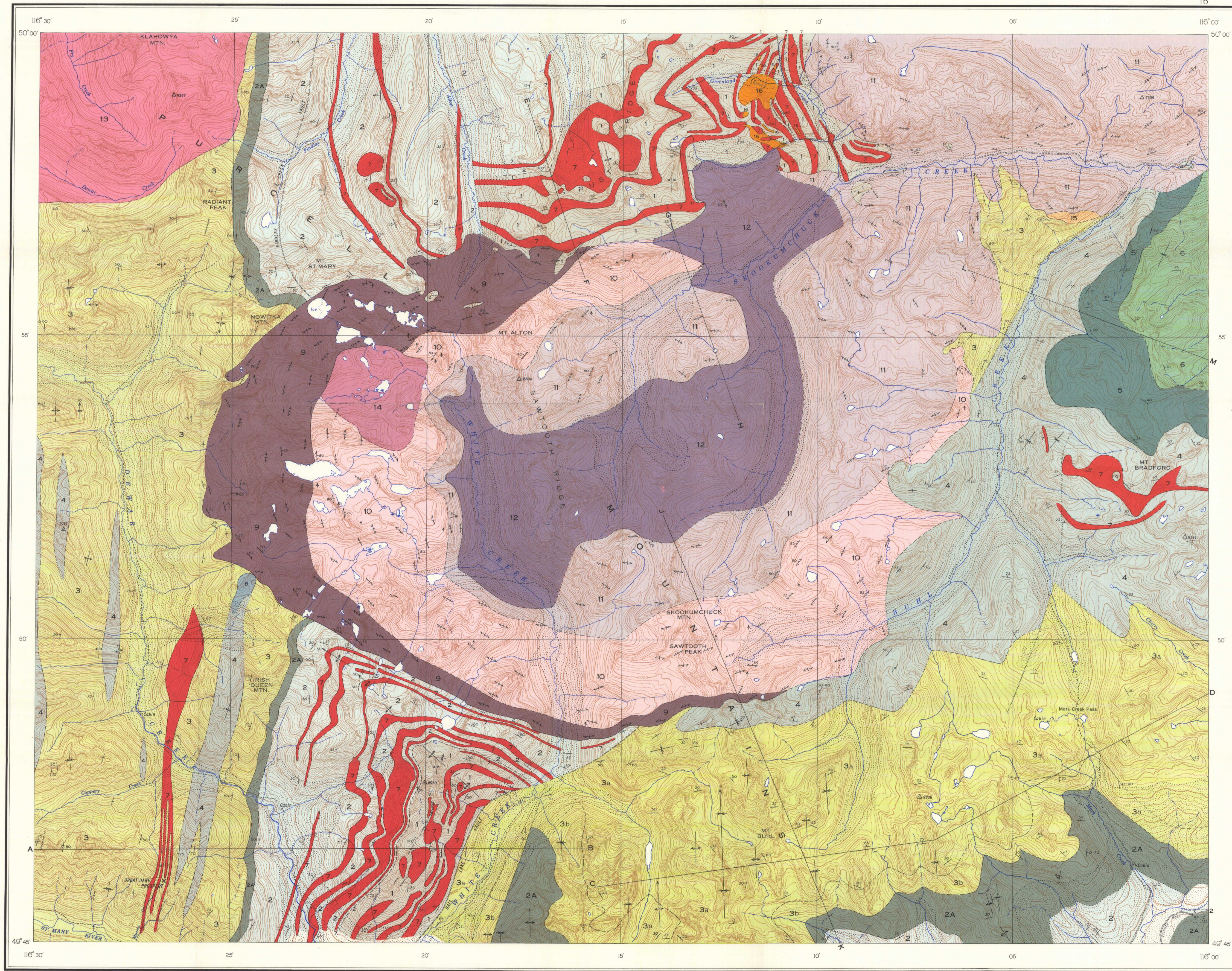
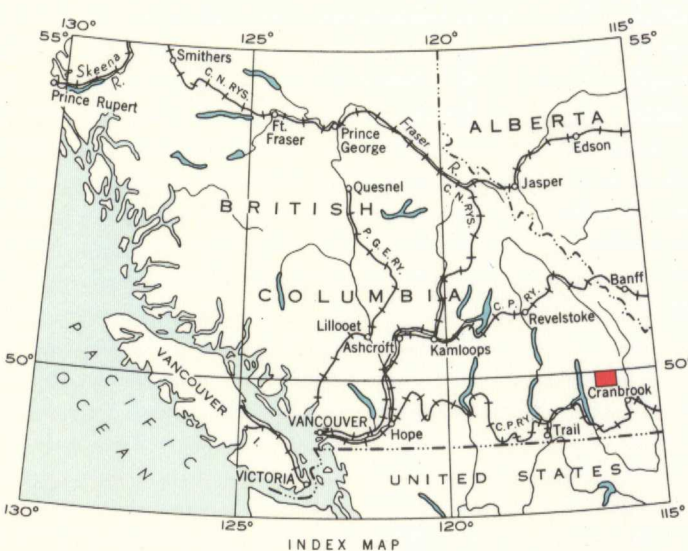
Cartography by the Geological Cartography Unit, 1957

- Road
- Trail
- Horizontal control point
- Intermittent stream
- Marsh
- Contours (interval 100 feet)
- Height in feet above mean sea-level

Base-map compiled and drawn by the Army Survey Establishment, R.C.E., Department of National Defence

Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario

Approximate magnetic declination, 22° 11' East

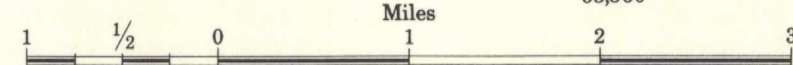


PUBLISHED, 1956

MAP 1053A

DEWAR CREEK  
KOOTENAY DISTRICT  
BRITISH COLUMBIA

Scale: One Inch to One Mile =  $\frac{1}{63,360}$



NOT TO BE TAKEN FROM LIBRARY  
NE PAS SORTIR DE LA BIBLIOTHEQUE

5.1.2  
9, 10, 11

DEWAR CREEK, B.C.

Map 1053-A, copy 2

1 mile to 1"

1053A