



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

PRELIMINARY SERIES

94 G

LEGEND

CRETACEOUS

UPPER CRETACEOUS

10 DUNVEGAN FORMATION: sandstone, shale, conglomerate (marine and non-marine)

LOWER CRETACEOUS

9 FORT ST. JOHN GROUP

8 SULLY FORMATION: sideritic shale, siltstone (marine; includes some Upper Cretaceous beds at top)

8 SIKANNI FORMATION: fine-grained sandstone, shale (marine)

7 BUCKINGHORSE FORMATION: sideritic shale, siltstone, minor sandstone (marine)

6 BULLHEAD GROUP

6 GETTING FORMATION: fine-grained sandstone, minor shale, coal, and conglomerate (marine and non-marine)

5 BEATTIE PEAKS FORMATION: interbedded fine-grained sandstone and shale (marine; may possibly include Monach equivalents)

4 MONTEITH FORMATION: massive quartzitic sandstones (may include some Jurassic beds)

JURASSIC

3 FERNIE FORMATION: phosphatic and sideritic shales, siltstones, minor sandstones (marine)

TRIASSIC (Undivided)

2 GRAYLING, TOAD, LIARD, "GREY BEDS", AND PARDONET FORMATIONS: shale, calcareous platy siltstones

1 Shale, limestone, dolomite, and chert

Rock outcrop x

Geological boundary (approximate or assumed)

Bedding (horizontal, inclined, vertical, overturned) + / \ / \

Thrust fault (approximate, teeth showing direction of dip)

Anticline (defined, approximate, arrow indicates direction of plunge)

Syncline (defined, approximate, arrow indicates direction of plunge)

Gas well (producing, suspended, abandoned) * * *

Note: Wells west of highway in Foothills are Mississippian; wells east and south of highway in Plains are Triassic.

Geology by D. F. Stott, G. L. Goruk, and B. R. Pelletier, 1962

Cartography by the Geological Survey of Canada, 1963

Road, all weather

Trail

District boundary

Horizontal control point

Intermittent stream

Marsh

Contours (interval 500 feet)

Height in feet above mean sea-level

Base-map by the Army Survey Establishment, R. C. E., Dept. of National Defence, 1958

Mean magnetic declination, 29° 18' East, decreasing 4.0' annually. Readings vary from 28° 54' E in the SW corner to 30° 13' E in the NE corner of the map-area



Adjoins Map 22-1963, "Halfway River"

MAP 12-1963
TO ACCOMPANY PAPER 63-10
GEOLOGY
TRUTCH
BRITISH COLUMBIA

Scale: One Inch to Four Miles = $\frac{1}{253,440}$ Miles

4 2 0 4 8 12

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MAP 12-1963
TRUTCH
BRITISH COLUMBIA
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