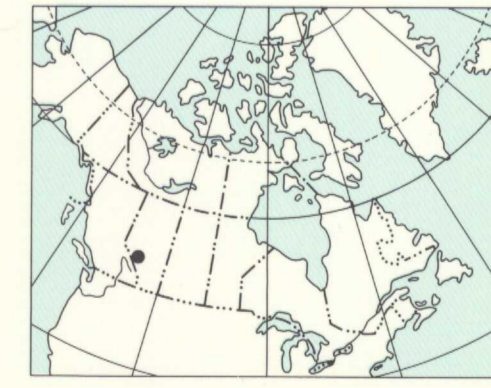


- LEGEND**
(QUATERNARY MATERIALS AND LANDFORMS)
- POSTGLACIAL (8-16)**
- 16 FLOOD PLAIN DEPOSITS: gravel, minor sand, silt, and clay
 - 15 ALLUVIUM AND FAN DEPOSITS: gravel, minor sand, silt, and clay
 - 14 LANDSLIDE DEPOSITS: rock rubble; includes slide scar
 - 13 TALUS: rock rubble
 - 12 COLLUVIUM: rock rubble and slope-modified drift; includes minor undifferentiated alluvium
 - 11 POND AND SWAMP DEPOSITS: organic silt and clay
 - 10 ROCK GLACIERS: rock rubble and ice
 - 9 ICE-CORED MORAINES: blocky rubble, 2 to 4 feet thick, over ice
 - 8 EOLIAN DEPOSITS: sand, silt, minor clay, mainly as dunes; includes layers of volcanic ash; locally includes undifferentiated waterlain sand
- GLACIOLACUSTRINE (?)**
- 7 LAKE DEPOSITS: sand, silt, and clay; locally overlain by thin undifferentiated eolian sand and silt
- GLACIOFLUVIAL (3-6)**
- 6 NON-ICE-CONTACT DEPOSITS: gravel, sand, minor silt, clay, and silt; locally overlain by undifferentiated eolian or lacustrine sand and silt, gravel, or till
 - 5 OVERRIDDEN ICE-CONTACT DEPOSITS: gravel, minor sand, silt, and clay; locally overlain by undifferentiated eolian sand and silt, gravel, and till
 - 4 KAMES AND ESKERS: gravel, minor silt, sand, and clay; locally includes undifferentiated eolian and lacustrine sand and silt, till, or bedrock
 - 3 ICE-CONTACT MORAINIC COMPLEX: till, gravel, minor sand, silt, and clay
- GLACIAL**
- 2 MORAINAL DEPOSITS: till; lenses of gravel, sand, and silt; locally overlain by undifferentiated eolian or lacustrine sand and silt and washed gravel. 2a, surface slightly modified by slopewash and colluvium; local bedrock outcrops. 2b, surface strongly modified by slopewash and colluvium; bedrock outcrops common
 - 1 DRUMLINS: till with drumlinized surface; some drumlins are bedrock cores; includes minor undifferentiated glaciofluvial gravel and sand, and exposed rock
 - U Undifferentiated drift: dominantly gravelly material of glacial, colluvial and alluvial origin; bedrock exposures common
 - R Bedrock exposed at the surface or thinly veneered by drift and colluvium

- Geological boundary (defined, approximate, assumed)
 Break in slope marking limit of former glacier (defined, indefinite)
 Lateral moraine marking limit of former glacier
 Inferred outline of former glacier (defined, assumed)
 Terrace (line marks edge of terrace)
 Meltwater channel, low gradient, commonly accompanied by fluvial deposits
 Meltwater channel, steep gradient, commonly eroded as rock
 Limit of restricted rock outcrop along road, river, or lake shore [Dxx x]
 Gravel pit G.P.
 Line of topographic cross section of the Bow River A-A'
 Valley showing break-in-slope (see Fig. 19)

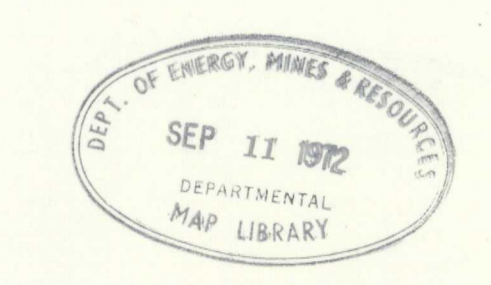
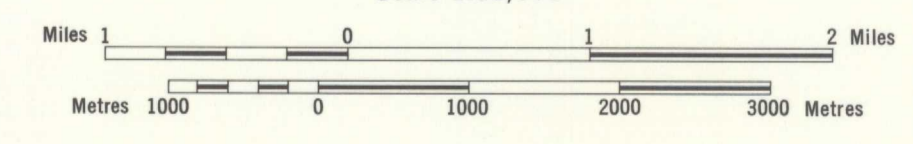
Geology by N. W. Rutter, 1959
 To accompany GSC Bulletin 206 by N. W. Rutter
 Geological cartography by the Geological Survey of Canada
 Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada
 Base-maps at the same scale published by the Surveys and Mapping Branch, 1959
 Copies of the topographical editions of this map may be obtained from the Map Distribution Office, Department of Energy, Mines and Resources, Ottawa
 Approximate magnetic declination 1971 (Sheet 1), 22°27' East, decreasing 2.7" annually
 Approximate magnetic declination 1971 (Sheet 2), 22°09' East, decreasing 2.6" annually
 Elevations in feet above mean sea-level

Published: 1972
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MAP 1324A
 SURFICIAL GEOLOGY
BANFF AREA
 WEST OF FIFTH MERIDIAN
 (Sheet 1)
 ALBERTA

Scale 1:50,000



Printed by the Surveys and Mapping Branch

820/R	820/R	820/R
Map 1324A	Map 1324A	Map 1324A
SHEET 1	SHEET 1	SHEET 2
820/V	820/V	820/V
820/W	820/W	820/W

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO GEOLOGICAL SURVEY OF CANADA MAPS
 MAP 1324A
 BANFF AREA
 Sheet 1
 ALBERTA

612 copy 1900 c