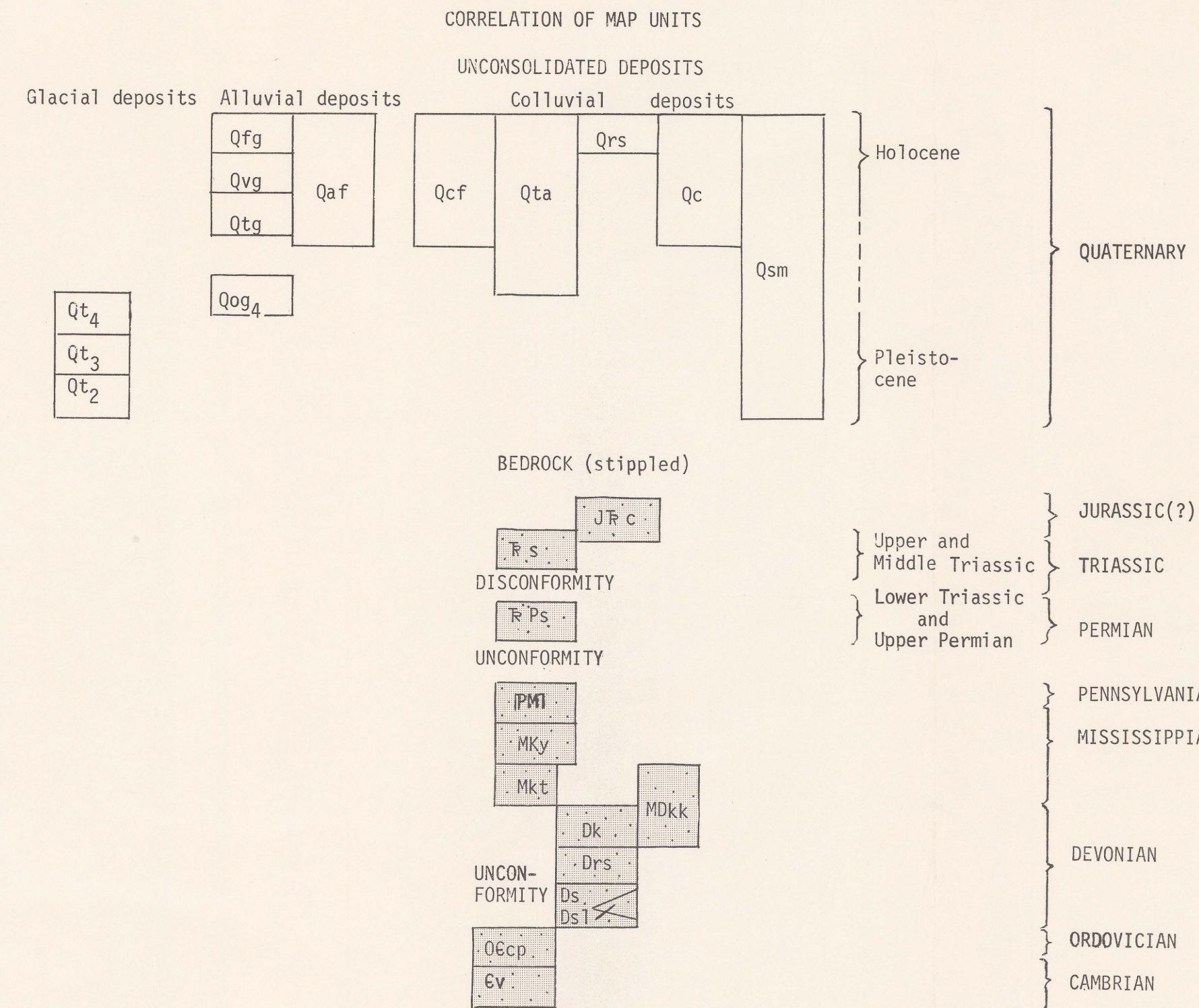




Qfg	Flood-plain gravel
Qvg	Vegetated gravel
Qtg	Terrace gravel
Qaf	Alluvial fan
Qcf	Colluvial fan
Qta	Talus
Qrs	Recent slide
Qc	Colluvium, undivided
Qsm	Solifluction mantle
Qog ₄	Outwash gravel
Qt ₄	Till
Qt ₃	Till
Qt ₂	Till
JR ₁ c	Chert
Rs	Shublik Formation
Rs Ps	Sadlerochit formation
P ₁ Ml	Lisburne Group
Mky	Kayak Shale
Mkt	Kekikut Conglomerate
MDkk	Kekikut Conglomerate and Kanyut Conglomerate, undivided
Dk	Kanyut Conglomerate
Drs	Red shale
Ds	Shale and sandstone
Ds1	Limestone
OEcp	Chert and phyllite
Ev	Flows, tuffs, and volcaniclastic rocks

Contact
 Dashed where approximately located

$$\frac{U}{D} \text{ --- } \text{---}$$

 Fault
 Dashed where approximately located;
 dotted where concealed; queried where
 doubtful. U, upthrown side; D, downthrown
 side

Thrust fault
Dashed where approximately located;
dotted where concealed. Sawteeth on
upper plate

Diagram illustrating the trace of the axial plane and the plunge of the axis for an anticline. The diagram shows a horizontal line representing the axial plane, with a vertical double-headed arrow indicating the plunge of the axis.

Showing trace of axial plane and plunge of axis

Overturned anticline
Showing trace of axial plane and
direction of dip of limbs

Overturned syncline
Showing trace of axial plane and
direction of dip of limbs

Strike and direction of dip of beds from distant view and photointerpretation

Glacial moraine

Southwestern boundary of Arctic National
Wildlife Range

Ice wedge (?)
Polygons visible at ground surface

A circular library stamp from the U.S. Geological Survey, located in Reston, VA. The stamp contains the text "U.S. GEOLOGICAL SURVEY" at the top, "RESTON, VA." below it, the date "NOV 22 1974" in the center, and "LIBRARY" at the bottom.

A detailed map of Alaska showing its coastline, major cities, rivers, and geographical features. The map includes latitude and longitude lines, a scale bar in statute miles (0 to 200), and labels for various locations such as Barrow, Fairbanks, Anchorage, and Juneau. The word "ALASKA" is prominently displayed in the upper right corner.

Geology by: W.E. Yeend, W.P. Brosgé, H.N. Reiser, and J.T. Dutro, Jr., 1972. Bedrock geology from W.P. Brosgé and H.N. Reiser, Preliminary geologic map of the Arctic quadrangle, Alaska, U.S. Geol. Survey open-file report.

SCALE 1:125 000

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS

CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL

PRELIMINARY GEOLOGIC MAP OF A PROSPECTIVE TRANSPORTATION ROUTE FROM PRUDHOE BAY, ALASKA
TO CANADIAN BORDER, PART III, ARCTIC QUADRANGLE (NORTH HALF), ALASKA

Compiled by
Warren Yeend and William P. Brosgé
1973

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Alaska (Pruddhoe Bay to Canada). Geol. 1: 125, 000. 1973. For sale by U.S. Geological Survey, price \$1.00 per set
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