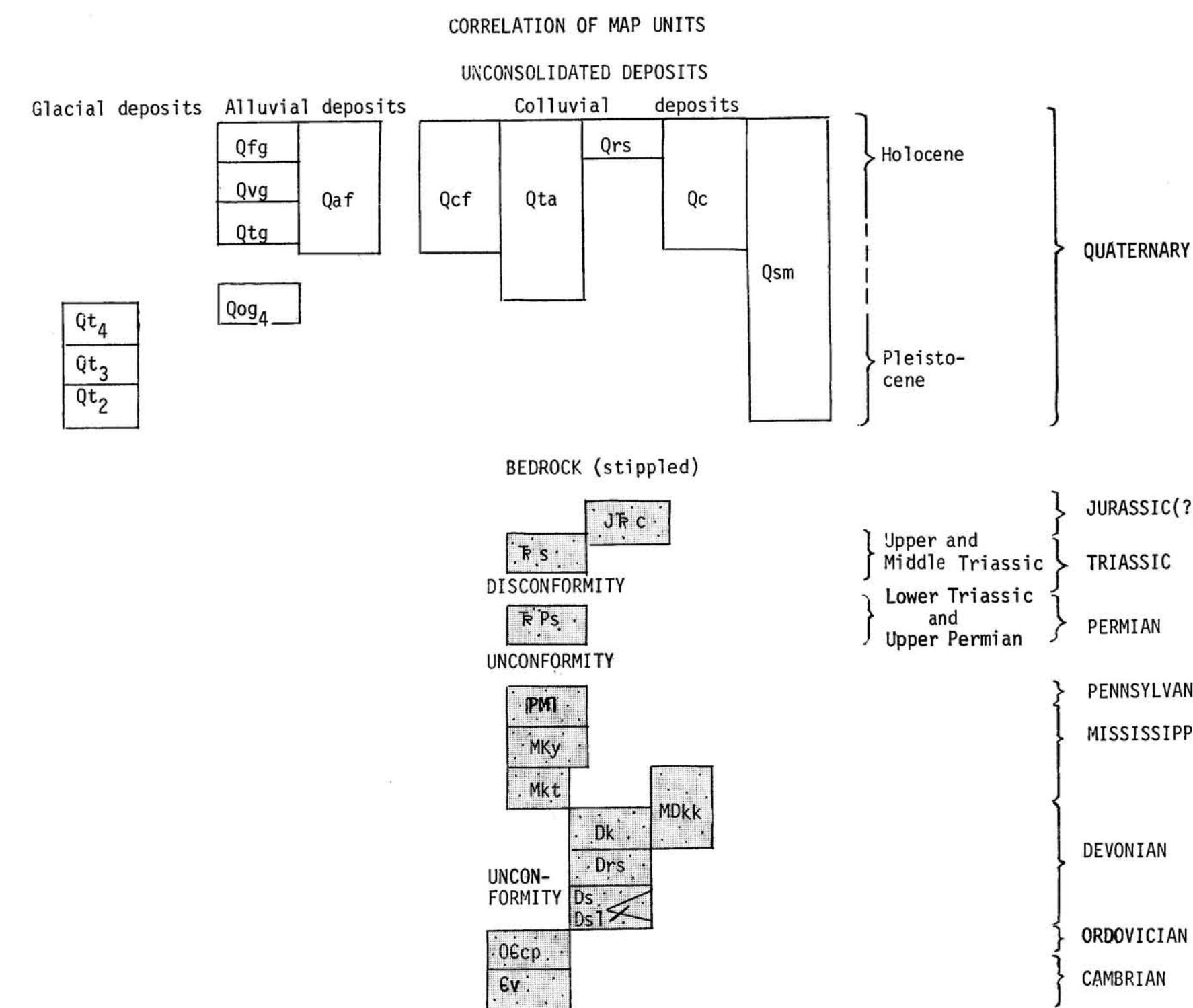




Qfg	Flood-plain gravel
Qvg	Vegetated gravel
Qtg	Terrace gravel
Qaf	Alluvial fan
Qcf	Colluvial fan
Qta	Talus
Qrs	Recent slide
Qc	Colluvium, undivided
Qsm	Solifluction mantle
QOg ₄	Outwash gravel
Qt ₄	Till
Qt ₃	Till
Qt ₂	Till
JR c	Chert
Rs	Shublik Formation
Ps	Sadlerochit Formation
FMl	Lisburne Group
Mky	Kayak Shale
Mkt	Kekiktuk Conglomerate
MDkk	Kekiktuk Conglomerate and Kanyut Conglomerate, undivided
Dk	Kanyut Conglomerate
Drs	Red shale
Ds	Shale and sandstone
Dsl	Limestone
OEc _p	Chert and phyllite
Ev	Flows, tuffs, and volcanoclastic rocks

Contact

Dashed where approximately located

U

D

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



 Anticline

 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

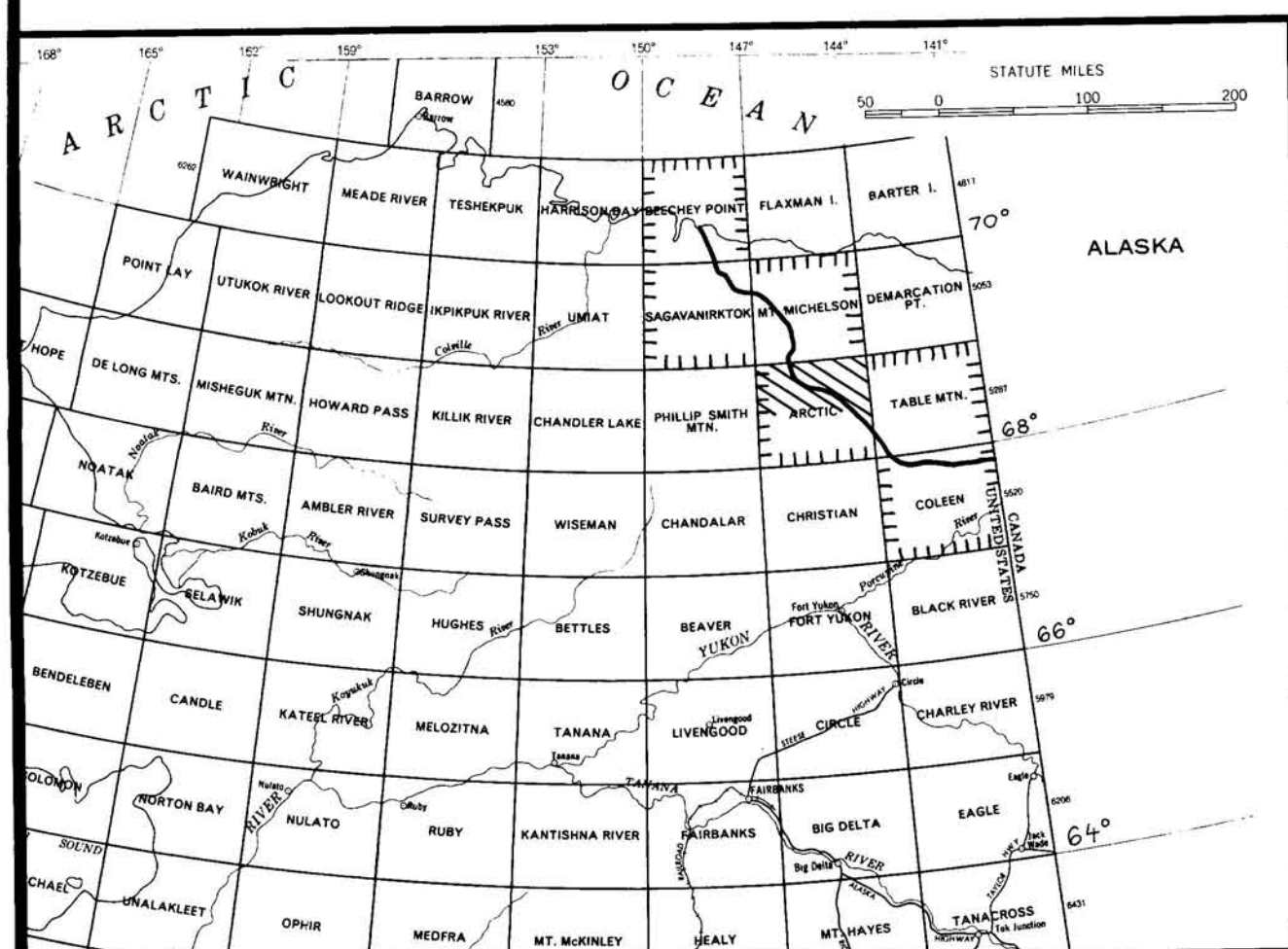
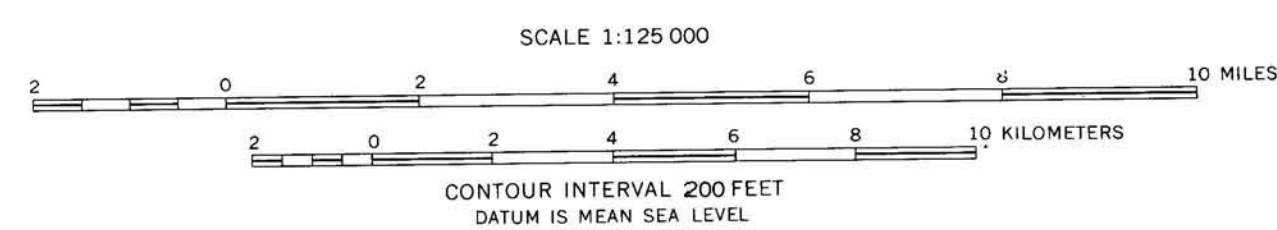
Glacial moraine

Southwestern boundary of Arctic National
Wildlife Range

Ice wedge (?)

Polygons visible at ground surface

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.



Compiled by
Warren Yeend and William P. Brosgé
1973

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