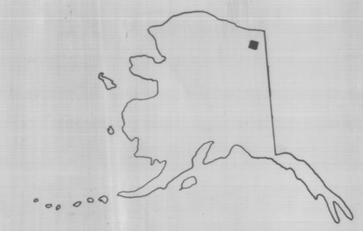
Paige R. Peapples 1993

Topographic base from U.S. Geological Survey
Demarcation Point A-5 and B-5 Quadrangles

Public Data File



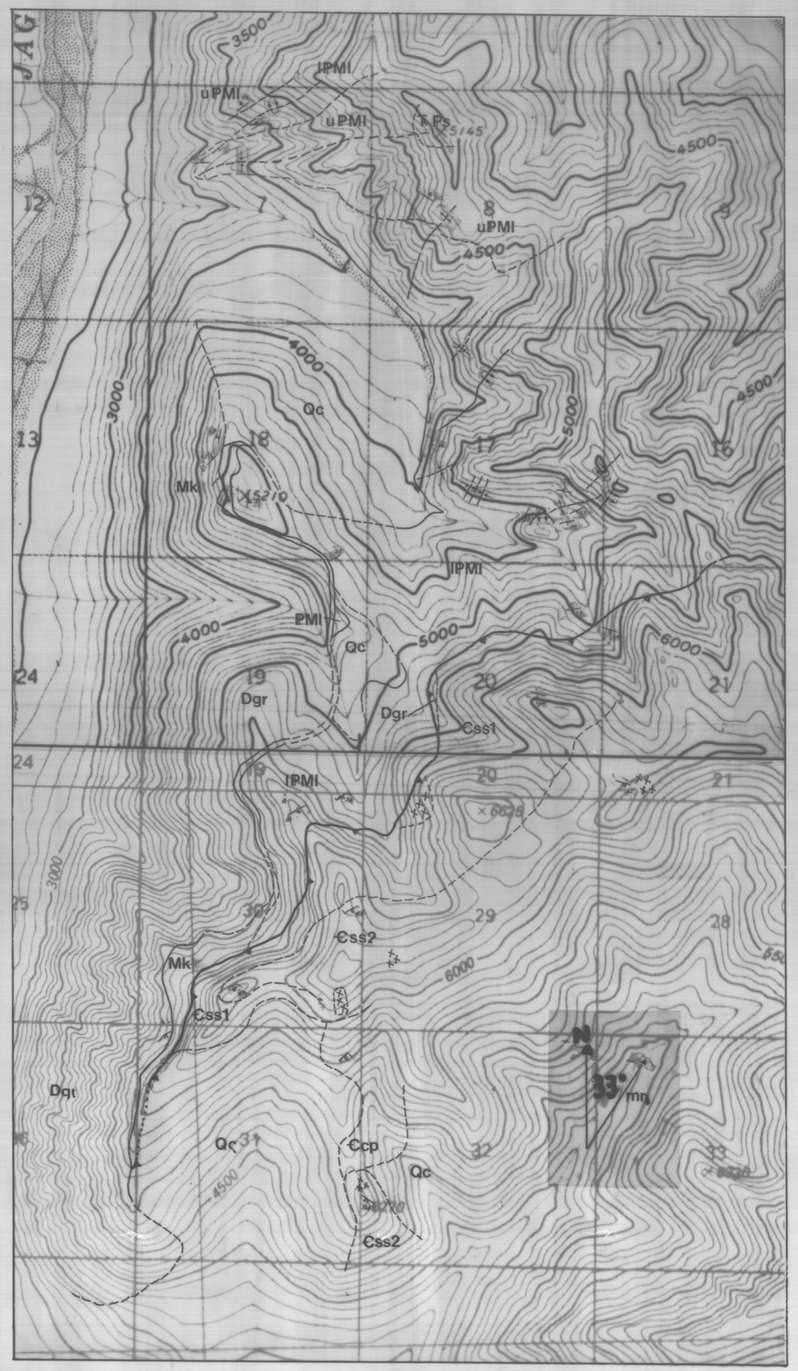
SCALE 1:25,000

0 1 2 3 4

Kilometers

Contour Interval 100 feet

Tectonics and Sedimentation Research Group
Geophysical Institute and Department of Geology
and Geophysics, University of Alaska Fairbanks
In cooperation with the Alaska Division of Geological
and Geophysical Surveys



LEGEND

- Strike and dip of beds
- Strike and dip of overturned beds
- Estimated strike and dip of beds
- Strike and dip of planar fabrics
- Localized bodies of hypabyssal granitic rocks, contacts uncertain
- Lithologic contact
- Thrust fault, teeth on upper plate
- Axial trace of anticline
- Axial trace of syncline
- Axial trace of overturned anticline
- Axial trace of overturned syncline

Contacts, faults, and axial traces dashed where approximately located and dotted where covered or inferred.

Map Units

TRPs	Permian to Triassic Sadlerochit Group
uPMl	Mississippian to Pennsylvanian upper Lisburne Group
lPMl	Mississippian lower Lisburne Group
Mk	Mississippian Kekiktuk Conglomerate and sandstone
Dgr	Devonian granitic rocks of Jago Stock
Css1	Contact metamorphosed pre-Mississippian metasandstone and phyllite
Css2	pre-Mississippian metasandstone and phyllites (not contact metamorphosed)
Ccp	pre-Mississippian cherts and phyllites

PRELIMINARY GEOLOGIC MAP OF AN AREA EAST OF JAGO STOCK, ARCTIC NATIONAL WILDLIFE REFUGE, NORTHEASTERN BROOKS RANGE, ALASKA