



- GEOLOGIC MAP SYMBOLS**
- Strike and dip of beds
 - Vertical beds
 - Overturned beds
 - Apparent direction of dip. Additional arrows indicate increasingly steep dip
 - Cleavage
 - Contact; dashed where approximately located, dotted where inferred
 - Dip direction of contact
 - Anticline (top) and syncline, showing trace of axial surface and plunge of axis; dashed where approximately located
 - Overturned syncline, showing trace of axial surface; dashed where approximately located
 - Crest of anticlinorium, approximately located
 - Thrust fault; dashed where approximately located, dotted where inferred, bars on upper plate. Solid bars indicate older-over-younger relationship, open bars indicate younger-over-older relationship, alternating closed and open bars indicate unknown age relationship.
 - Line of cross section.
 - Limit of mapping



SCALE 1 : 25,000
 NO VERTICAL EXAGGERATION
 CROSS SECTIONS ARE SCHEMATIC AND DO NOT BALANCE
 SEE ACCOMPANYING TEXT FOR EXPLANATION OF MAP SYMBOLS

**GEOLOGIC MAP AND CROSS SECTIONS
 HEADWATERS OF THE KONGAKUT AND AICHILIK RIVERS
 DEMARCATION POINT (A-4) AND TABLE MOUNTAIN (D-4) QUADRANGLES
 EASTERN BROOKS RANGE, ARCTIC NATIONAL WILDLIFE REFUGE,
 ALASKA**

BY
A. V. ANDERSON