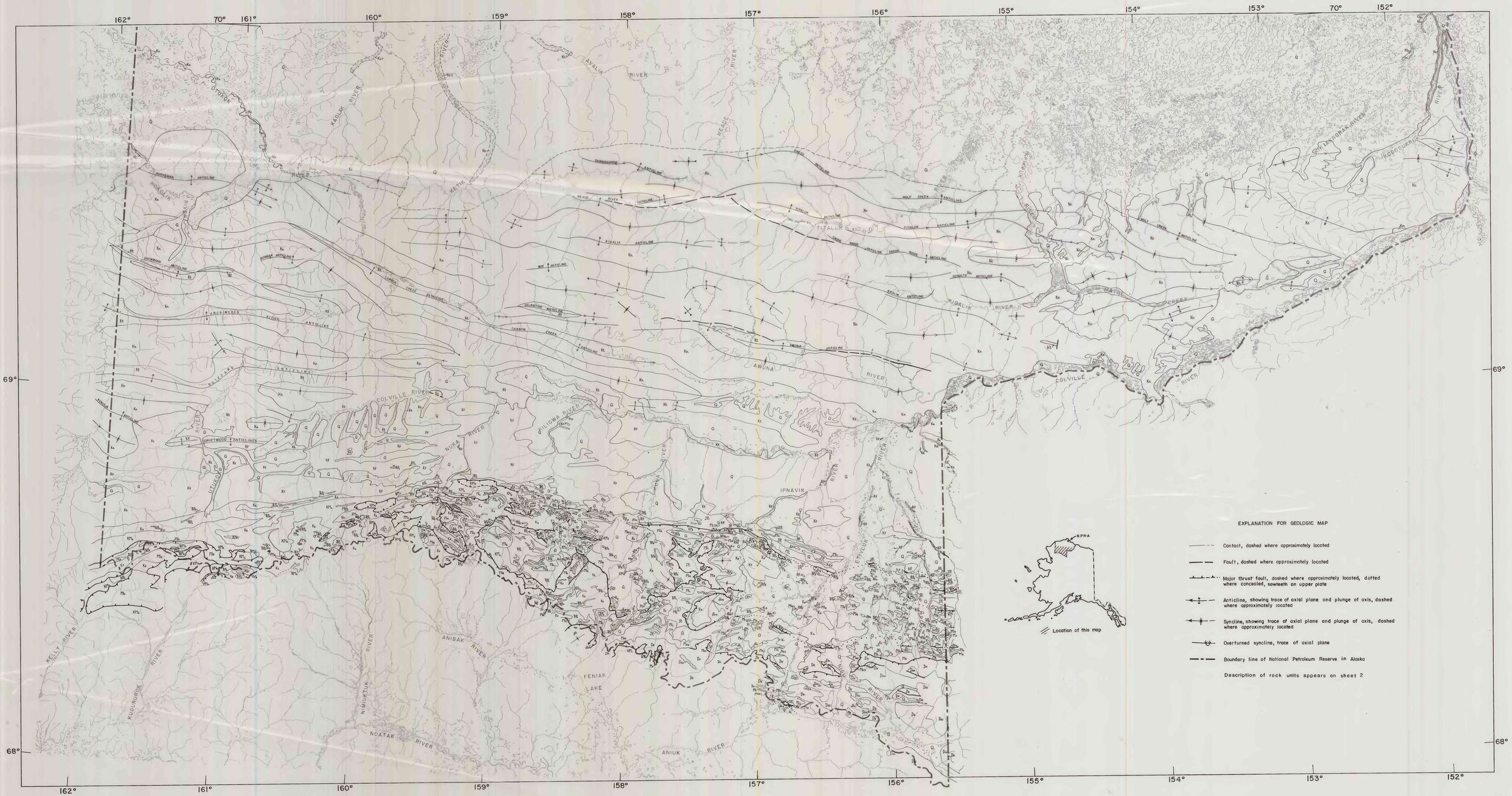
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY
OPEN FILE REPORT
OF 78-70 B
SHEET 1 OF 2



EXPLANATION FOR GEOLOGIC MAP

- Contact, dashed where approximately located
- Fault, dashed where approximately located
- Major thrust fault, dashed where approximately located, dotted where concealed, sawteeth on upper plate
- Anticline, showing trace of axial plane and plunge of axis, dashed where approximately located
- Syncline, showing trace of axial plane and plunge of axis, dashed where approximately located
- Overturned syncline, trace of axial plane
- Boundary line of National Petroleum Reserve in Alaska

Description of rock units appears on sheet 2

BASE FROM THE FOLLOWING U.S. GEOLOGICAL SURVEY 1:250,000 SCALE QUADRANGLES: UTUKOK RIVER, 1956; LOOKOUT RIDGE, 1956; IKPIKPUK RIVER, 1956; UMIAT, 1956; MISHEGUK MOUNTAIN, 1956; HOWARD PASS, 1956; KILLIK RIVER, 1956.

SCALE 1:500,000

10 0 10 20 30 MILES

10 0 10 20 30 KILOMETERS

BEDROCK GEOLOGIC MAP OF THE SOUTH HALF OF NATIONAL PETROLEUM RESERVE IN ALASKA

Compiled by C.F. Mayfield I.L. Tailleur, C.G. Mull, and E.G. Sable

1978

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature