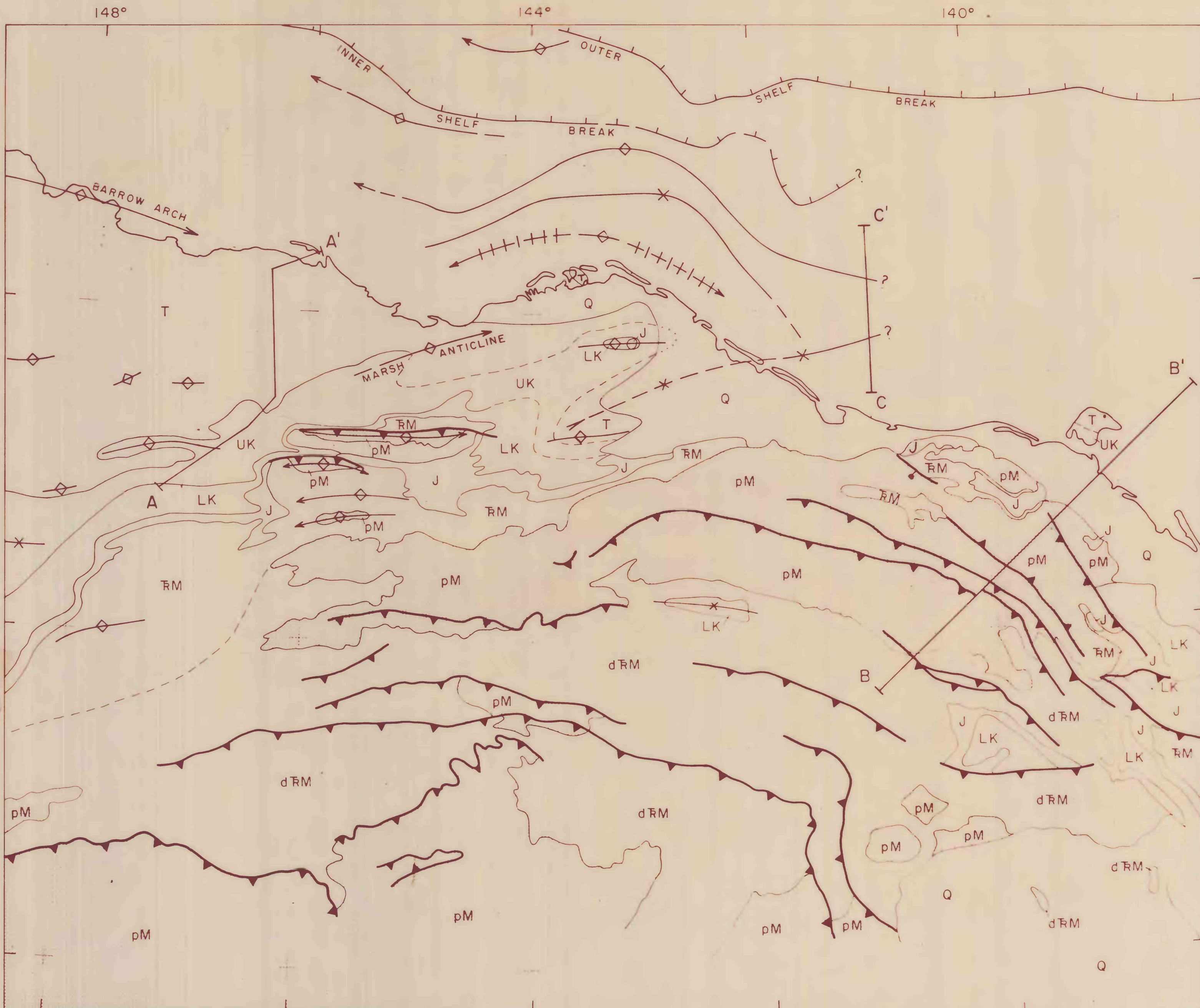


FIGURE 3

DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

EXPLANATION FOR  
FIGURE 3



BROOKIAN SEQUENCE

- Q - QUATERNARY - SURFICIAL DEPOSITS
- T - TERTIARY - SAGVANIRATOK FORMATION
- UK - UPPER CRETACEOUS - COLVILLE GROUP
- LK - LOWER CRETACEOUS - NANUSHUK GROUP  
(INCLUDES KONGAKUT FORMATION OF ELLESMERIAN SEQUENCE)

ELLESMERIAN SEQUENCE

- J - LOWER CRETACEOUS AND JURASSIC - KINGAK SHALE
- TrM - TRIASSIC TO MISSISSIPPIAN - SHUBLIK FORMATION  
- KAREN CREEK SANDSTONE  
- SADLEROCHIT GROUP  
- LISBURNE GROUP  
- ENDICOTT GROUP  
  
(dTrM WHERE STRONGLY DEFORMED)

FRANKLINIAN SEQUENCE

- pM - PRE-MISSISSIPPIAN - SEDIMENTARY, METASEDIMENTARY, VOLCANIC AND GRANITIC ROCKS

ANTICLINE OR ANTICLINAL ARCH,  
SHOWING PLUNGE

SYNCLINE, SHOWING PLUNGE

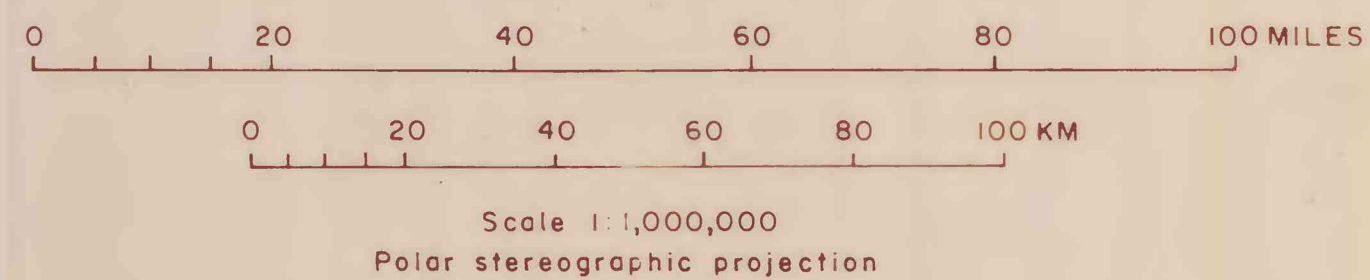
THRUST FAULT  
SAWTEETH ON UPPER PLATE

NORMAL FAULT  
BALL ON DOWNTHROWN SIDE

STRUCTURALLY HIGH AREA ALONG  
ANTICLINAL ARCH

A — A'  
LINE OF STRUCTURAL CROSS SECTION  
SEE FIGURES 4A, 4B, 4C

GENERALIZED GEOLOGIC MAP  
ARCTIC NATIONAL WILDLIFE RANGE AND VICINITY



NOTE: SEE FIGURE 1. FOR GEOGRAPHIC FEATURES

Geology generalized from Reise, et al, 1971, 1974,  
Norris, 1977, and Beikman and Lathram, 1975