



**EXPLANATION**

- Tertiary nonmarine sediments
- Tertiary marine sediments
- Major faults
- Cenozoic basin outlines
- GRANITIC ROCKS**
- T Tertiary, undifferentiated
- K Cretaceous, undifferentiated
- M Mesozoic, undifferentiated
- Pz Paleozoic, undifferentiated
- gr peralkaline granite
- s syenite
- gn gneissic syenite
- a alaskite
- m monzonite
- sd syenodiorite
- gr granite
- ry rhyolite (including hypabyssal granitic rocks)
- qm quartz monzonite
- gd granodiorite
- qd quartz diorite
- di diorite
- tr trondjemite
- gn granitic gneiss
- gru undifferentiated granitic rocks
- gn migmatitic gneisses
- gn oogen gneiss
- d Diorite Complex (Nobesad Dist)
- K Kenektok Complex

BASE FROM  
U.S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**MAP OF THE GRANITIC ROCKS AND TERTIARY SEDIMENTS OF ALASKA  
MAJOR FAULTS AND CENOZOIC BASINS SHOWN  
JUNE 1975**

Granitic rocks and faults compiled by R. B. Forbes and Nicki Coursey with the Geophysical Institute of the University of Alaska. Tertiary sediments and basin outlines compiled by G. R. Eakins, Alaska Division of Geological and Geophysical Surveys. Compilation done under U.S. Energy Research and Development Administration Contract No. AT(05-1)-1627. References used in the compilation are listed in the map explanation and text.

