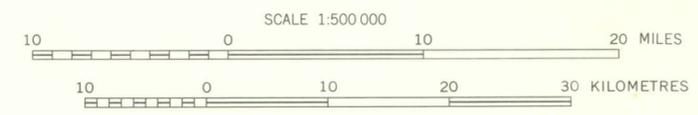


- EXPLANATION**
- 1** MAP AREAS
  - 1** Granitic rocks
  - 2a** Chlorite schist
  - 2b** Hornblende schist
  - 3a, 3b** Sedimentary basins of probable Triassic age
  - 4** Mafic intrusive complex
  - 5** Granitic rocks
  - Contact -- Interpreted from aeromagnetic map and geologic and other geophysical data
  - Fault -- Interpreted from geophysical and geologic data
  - 4 t** Well penetrating basement for which rock type is known -- Number is keyed to table 1
  - c** chlorite schist
  - gn**, gneiss
  - gr**, granitic rocks
  - h**, hornblende schist
  - q**, quartzite
  - t**, talcose schist
  - T**, Triassic(?) sedimentary rock
  - 54** Seismic refraction station from Woollard and others (1957) -- Station number to left; basement velocity in feet per second to right
  - 53** 18,200
  - 16** Feature discussed in text
  -  **MAGNETIC CONTOURS** -- Showing total magnetic field of the earth in gammas relative to an arbitrary datum. Main magnetic field of the earth, from Fabiano and Peddie (1969), has been removed. Hachures indicate areas of lower magnetic intensity. Contour interval 100 gammas. NW-SE flight lines at one-mile spacing with flight elevation at 500 feet above ground level

Base from U.S. Geological Survey

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1974  
Aeromagnetic map modified from Petty, Petrafeso, and Moore (1965)



**AEROMAGNETIC MAP WITH INTERPRETIVE BEDROCK GEOLOGY OF COASTAL PLAIN,  
SOUTH CAROLINA AND GEORGIA**

By  
David L. Daniels  
1974