UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

PROFESSIONAL PAPER 726-B
PLATE 2

EXPLANATION

STRATIFIED ROCKS

Quaternary

Triassic
a, land; b, water covered

Carboniferous

Devonian and Silurian
Exclusive of marine areas

Ordovician and Cambrian

PLUTONIC ROCKS

Felsic rocks mostly of Devonian age

Alkalic rocks of Mesozoic and Paleozoic age

Mafic rocks mostly of Devonian age

STRATIFIED AND PLUTONIC ROCKS

Precambrian
May include rocks of younger age

10

Aeromagnetic contours
Values are given in hundreds of gammas (for example 10=1000 gammas) relative to arbitrary datum. Interval 100 gammas. Hachures indicate areas of relatively lower aeromagnetic field. Data sources are given in text

Principal magnetic field boundary

Subordinate magnetic field boundary

a

Location of basement depth estimate from aeromagnetic data

+25

Relative gravity anomalies from plate 1 . Interval 5 mgal.
Hachures indicate negative anomalies

Geology from White (1968) with additions in Maine from Hussey and others (1967), in southern New England from Goldsmith (1964), and in the Gulf of Maine from Uchupi (1966)

25 0 25 50 NAUTICAL MILES

25 0 25 50 KILOMETERS

AEROMAGNETIC AND GEOLOGIC MAP OF THE GULF OF MAINE REGION

454-534 O - 72 (In pocket) No. 2