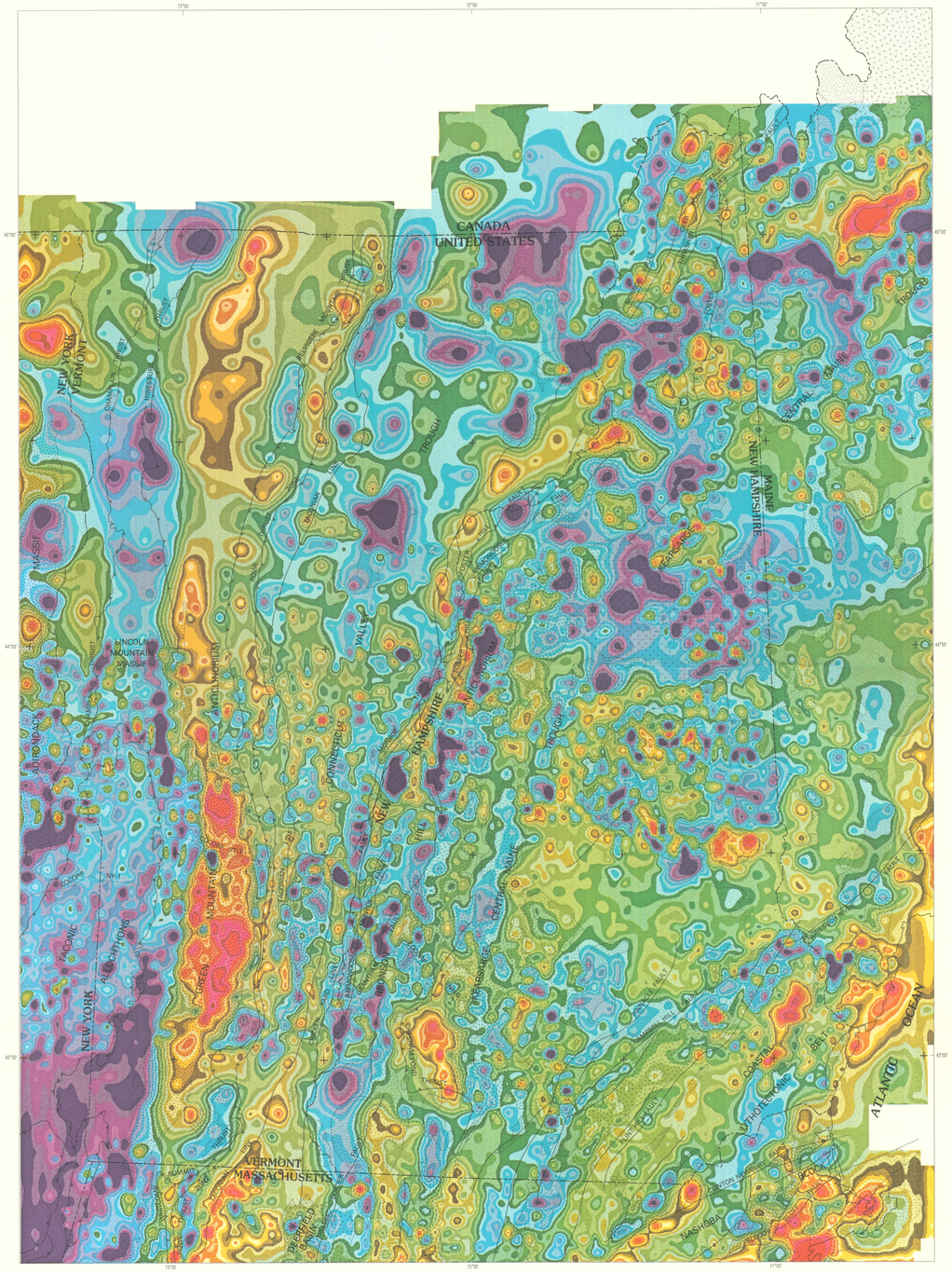



LIST OF MAP UNITS

- Rift clastics of the Connecticut Valley graben (Jurassic and Triassic)
- White Mountain Plutonic-Volcanic Suite (Mesozoic)
- Two-mica granites (Permian to Pennsylvanian)
- Felsic to intermediate rocks (Devonian)
- Felsic rocks of Kinsman Granodiorite and Bethlehem Granodiorite types (Devonian)
- Mafic rocks (Devonian)
- Metamorphic rocks, undifferentiated (Devonian to Precambrian)
- Granitic rocks (Silurian)
- Granitic rocks (Ordovician)
- Intermediate to mafic rocks (Ordovician or younger)
- Migmatitic rocks (Precambrian)
- Grenville basement rocks (Precambrian)
- Chain Lakes massif rocks (Precambrian or younger)

Contact—Separating plutons from undifferentiated metamorphic rocks, and between plutons of same or different age and composition

Fault—Dashed where approximately located; dotted where concealed

Thrust fault—Sawteeth on upper plate

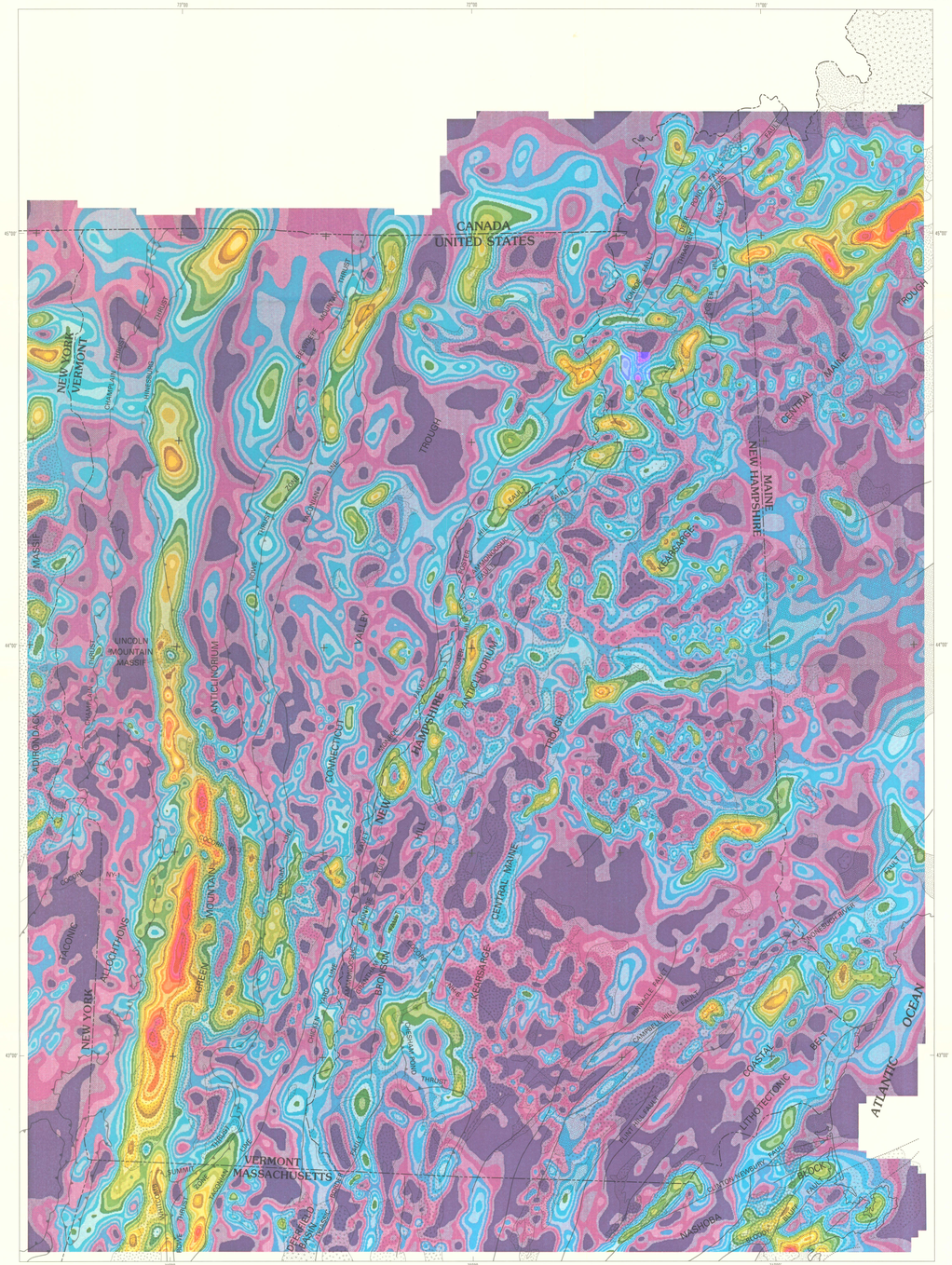
SCALE 1:500 000

10 0 10 20 MILES
10 0 10 20 KILOMETERS

MAP E
EXPLANATION
(MILLIGAL/
KILOMETER)

5.25
5.
4.75
4.5
4.25
4.
3.75
3.5
3.25
3.
2.75
2.5
2.25
2.
1.75
1.5
1.25
1.
0.75
0.5
0.25
0.0
−0.25
−0.5
−0.75
−1.
−1.25
−1.5
−1.75
−2.
−2.25
−2.5
−20.

MAP E. FIRST VERTICAL DERIVATIVE MAP, SHOWING GENERALIZED BEDROCK GEOLOGY




MAP F
EXPLANATION
(MILLIGAL/
KILOMETER)

5.05
4.9
4.75
4.6
4.45
4.3
4.15
4.
3.85
3.7
3.55
3.4
3.25
3.1
2.95
2.8
2.65
2.5
2.35
2.2
2.05
1.9
1.75
1.6
1.45
1.3
1.15
1.
0.85
0.7
0.55
0.4
0.0

MAP F. MAGNITUDE OF HORIZONTAL GRAVITY GRADIENT MAP, SHOWING GENERALIZED BEDROCK GEOLOGY

Generalized geology compiled from Doll and others (1961), Lyons and others (1986), Osberg and others (1985), and Zen (1983).

# BOUGUER GRAVITY ANOMALY MAPS AND FOUR DERIVATIVE MAPS OF NEW HAMPSHIRE, VERMONT, AND VICINITY

By
Wallace A. Bothner and Robert P. Kucks

1993