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

PREPARED IN COOPERATION WITH THE
MAINE GEOLOGICAL SURVEY AND THE NEW HAMPSHIRE GEOLOGICAL SURVEY

MISCELLANEOUS INVESTIGATIONS SERIES
MAP I-1898-E (SHEET 2 OF 3)
Pamphlet accompanies map

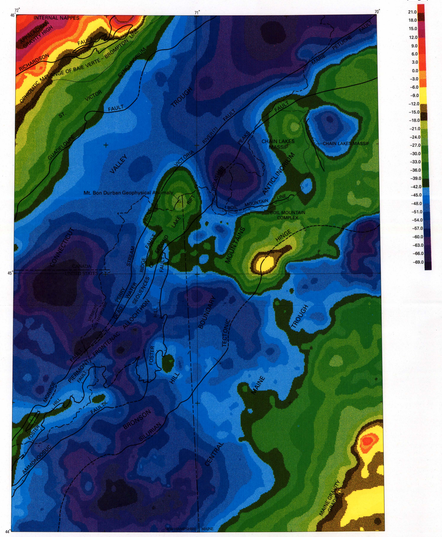


Figure 4. Color-contoured complete Bouguer gravity map of the Lewiston and Sherbrooke 1° × 2° quadrangles, Maine, New Hampshire, and Vermont, United States, and Quebec, Canada, showing major regional gravity trends and relationship to identified tectonic elements. Long dashes indicate trends of White Mountain Plutonic-Volcanic Suite; short dashes indicate projections of structures through younger plutons. Contour interval 3 mGal.

MAP B. COMPLETE BOUGUER GRAVITY MAP

By

Wallace A. Bothner, Robert P. Kucks, Christian E. Jahrling, II, and Michael J. Carnese

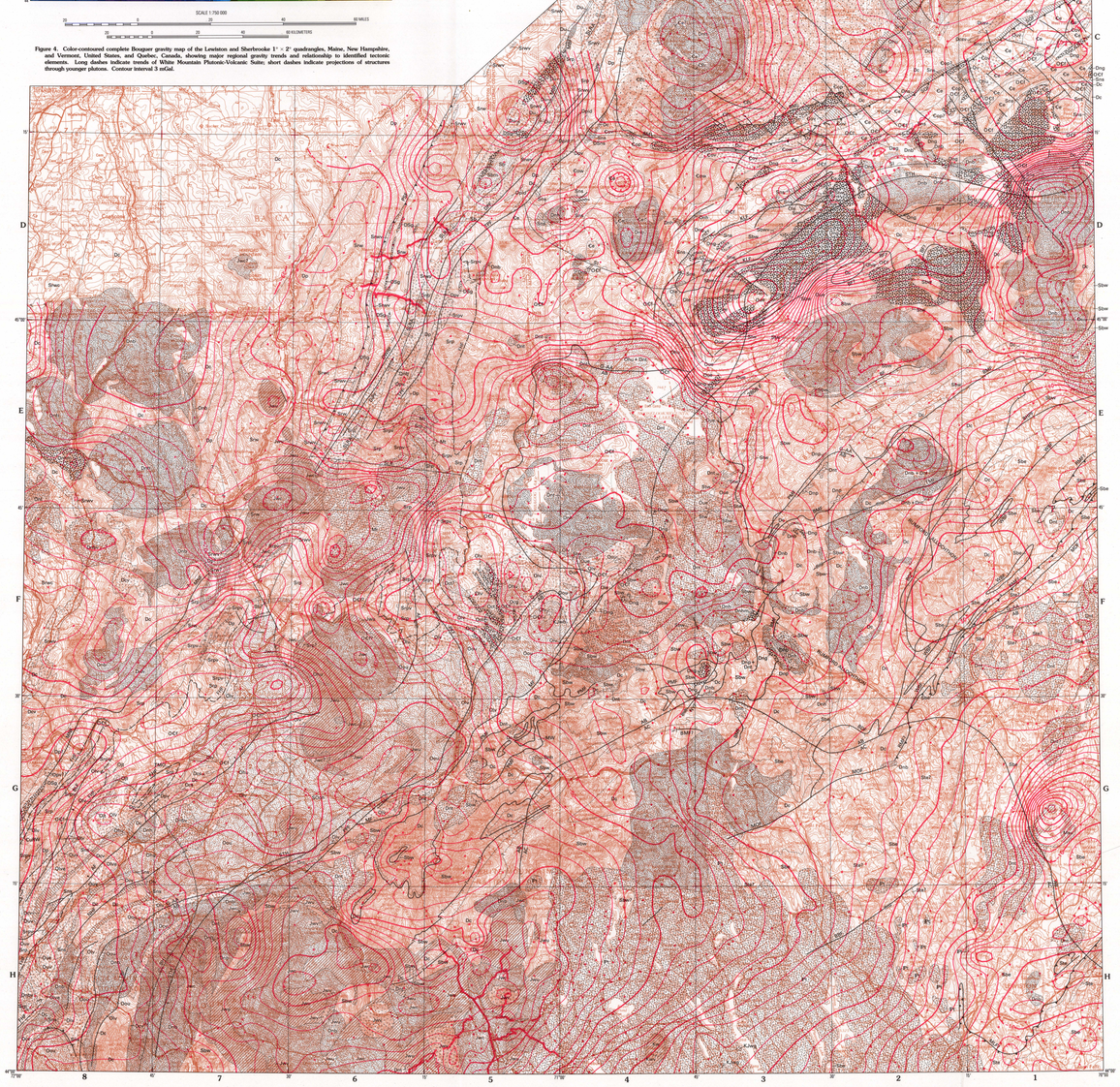
SCALE 1:250 000

CONTOUR INTERVAL 100 FEET
WITH SUPPLEMENTARY CONTOURS AT 50-FOOT INTERVALS (EHERRORCKE QUADRANGLE)
NATIONAL GEODETIC VERTICAL DATUM OF 1929

1997 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 16 1/2DEGREES WESTERLY FOR THE CENTER OF THE WEST EDGE TO 18 1/2DEGREES WESTERLY FOR THE CENTER OF THE EAST EDGE

Geology from map A of this report
Edited by Alexandra J. Donatich
Color and graphic design by Patricia L. Wilber and William Sowers
Cartography by Henry Williams
Manuscript approved for publication March 13, 1997

Base from U.S. Geological Survey
Lewiston, 1956, revised 1972; Sherbrooke, 1960
100,000-foot grid based on Maine coordinate system, west zone, New Hampshire and Vermont coordinate systems.
10,000-meter Universal Transverse Mercator grid, zone 19
Transverse Mercator projection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