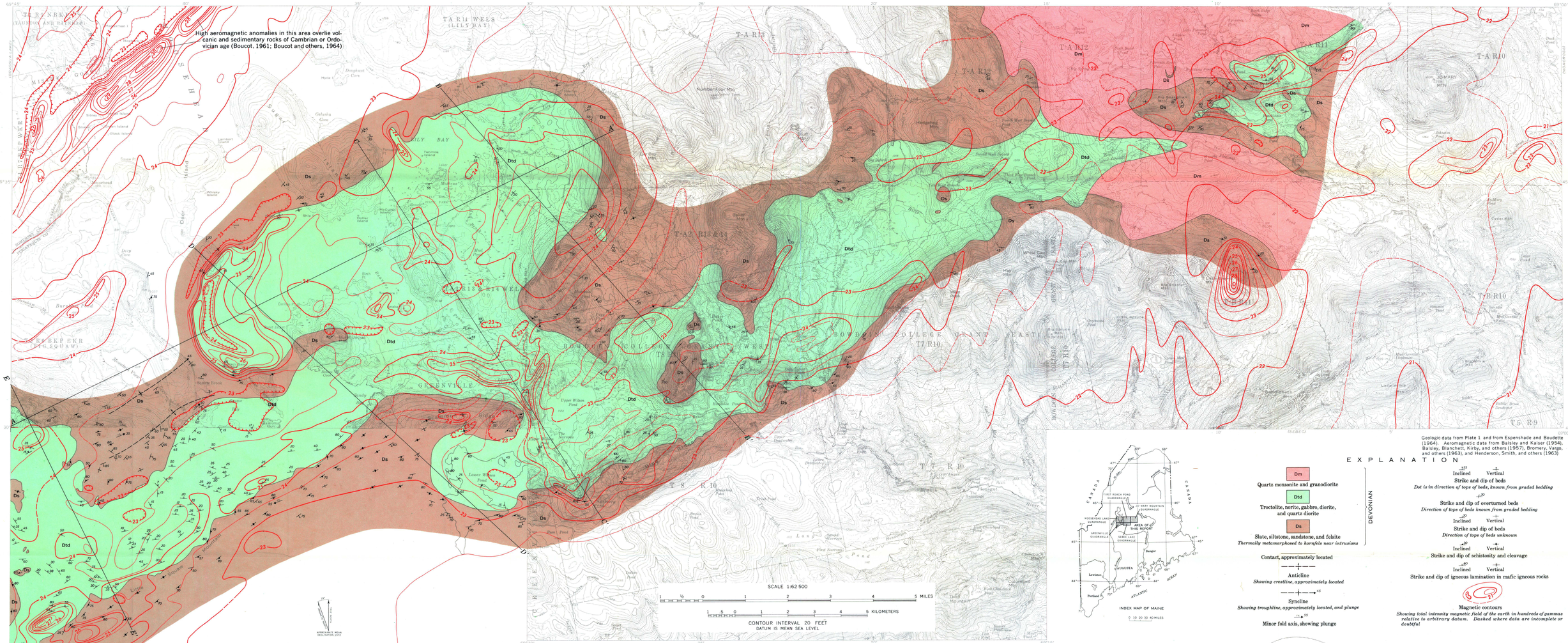


Geologic data from Plate 1 and from Espenshade and Boudette (1964). Aeromagnetic data from Balsley and Kaiser (1954), Balsley, Blanchett, Kirby, and others (1957), Bromery, Vargo, and others (1963), and Henderson, Smith, and others (1963)

EXPLANATION

DEVONIAN

Dm — Quartz monzonite and granodiorite

Dtd — Troctolite, norite, gabbro, diorite, and quartz diorite

Ds — Slate, siltstone, sandstone, and felsite
Thermally metamorphosed to hornfels near intrusions

Contact, approximately located

Anticline
Showing crestline, approximately located

Syncline
Showing troughline, approximately located, and plunge

Minor fold axis, showing plunge

Inclined — Vertical
Strike and dip of beds
Dot is in direction of tops of beds, known from graded bedding

Strike and dip of overturned beds
Direction of tops of beds known from graded bedding

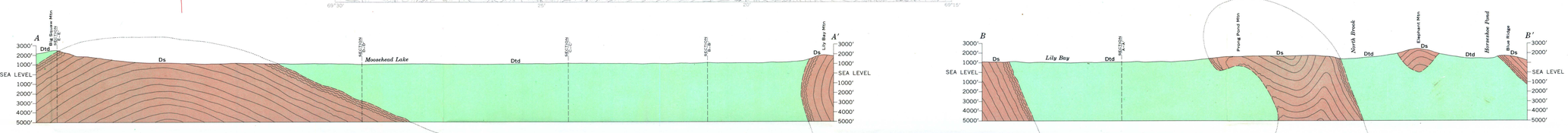
Inclined — Vertical
Strike and dip of beds
Direction of tops of beds unknown

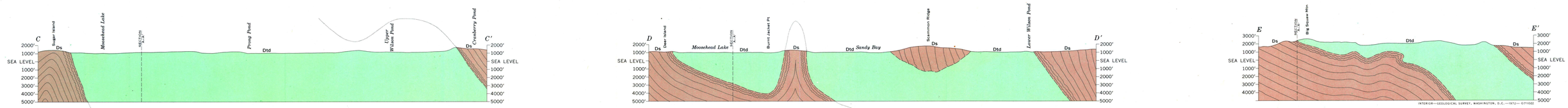
Inclined — Vertical
Strike and dip of schistosity and cleavage

Inclined — Vertical
Strike and dip of igneous lamination in mafic igneous rocks

Magnetic contours
Showing total intensity magnetic field of the earth in hundreds of gammas relative to arbitrary datum. Dashed where data are incomplete or doubtful

Base from U.S. Geological Survey; Moosehead Lake, 1957; First Roach Pond, 1952; and Jo-Mary Mountain, 1952; and Sebec Lake, 1950





MAP AND SECTIONS SHOWING AEROMAGNETIC AND STRUCTURAL FEATURES OF THE NORTHEASTERN PART OF THE MOXIE PLUTON, PISCATAQUIS AND SOMERSET COUNTIES, MAINE

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1972—G71002