DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-659

(ASHFIELD) (SHELBURNE FALLS) (GREENFIELD)

72°45′ 42′30″ 40′ 72°37′30″

42°30′

27′30″

25′

42°22′30″

(GOSHEN) (EASTHAMPTON) (MT. TOBY)

(WESTHAMPTON) (MT. HOLYOKE)

Poland Gate
Joe Herrick Gulf
Fisher Hill
Smith Hill
Field Hill
Norton Hill
DEERFIELD
Guinea Gulf
CONWAY STATE FOREST
Cricket Hill
Sikes Hill
Poplar Hill
Whately Glen
Mt Esther
Dry Hill
High Ridge
Bull Hill
Spruce Hill
Whately
Northampton Reservoir
West Whately
Walnut Hill
Carey Hill
Nash Hill
Chestnut Mtn
Stone Mtn
Grass Hill
Mountain Street Reservoir
WILLIAMSBURG
WHATELY
HATFIELD
Searsville
O'Neil Hill
Williamsburg
Davis Hill
Scott Hill
Shingle Hill
Petticoat Hill
Unquomonk Hill
Haydenville
Unquomonk Reservoir
Brass Mill Pond
Fuller Pond
Reservoir
Williamsburg Sta
Poland Sch
Whately Center Cem
Southpart Cem
Cricket Hill Cem
Boyden Cem
Roaring Brook Camp
Williamsburg Rod and Gun Club
Worth Farms
Broad Bk. Gutter
Mountain Rocks
Horse Mountain
Great Swamp
Pantry Plain
Hampshire Co
Franklin Co

Base from U.S. Geological Survey, 1948

Aeromagnetic survey flown 500 feet above ground, 1959 by Peter Popenoe, and 1965 by E. P. Smith. Compilation supervised by F. P. Gilbert

SCALE 1:24 000

1 MILE
1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1969

INDEX MAP OF MASSACHUSETTS SHOWING AREA OF AEROMAGNETIC SURVEYS

GEOLOGIC MAPS FOR GP-659 ARE U.S. GEOLOGICAL SURVEY MAPS GQ-80 AND GQ-85

INDEX MAP OF WESTERN MASSACHUSETTS SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY. AREA OF GP-659 SHADED

EXPLANATION

3300
Magnetic contours
Showing total intensity magnetic field of the earth in gammas relative to arbitrary datum. Dashed where data are incomplete. Contour interval 20 gammas

X 3350
Location of measured maximum or minimum intensity within closed high or closed low

Flight path
Showing location and spacing of data

AEROMAGNETIC MAP OF THE WILLIAMSBURG QUADRANGLE AND PART OF THE SHELBURNE FALLS QUADRANGLE FRANKLIN AND HAMPSHIRE COUNTIES, MASSACHUSETTS

1969

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1969—G69116

For sale by U.S. Geological Survey, price 50 cents