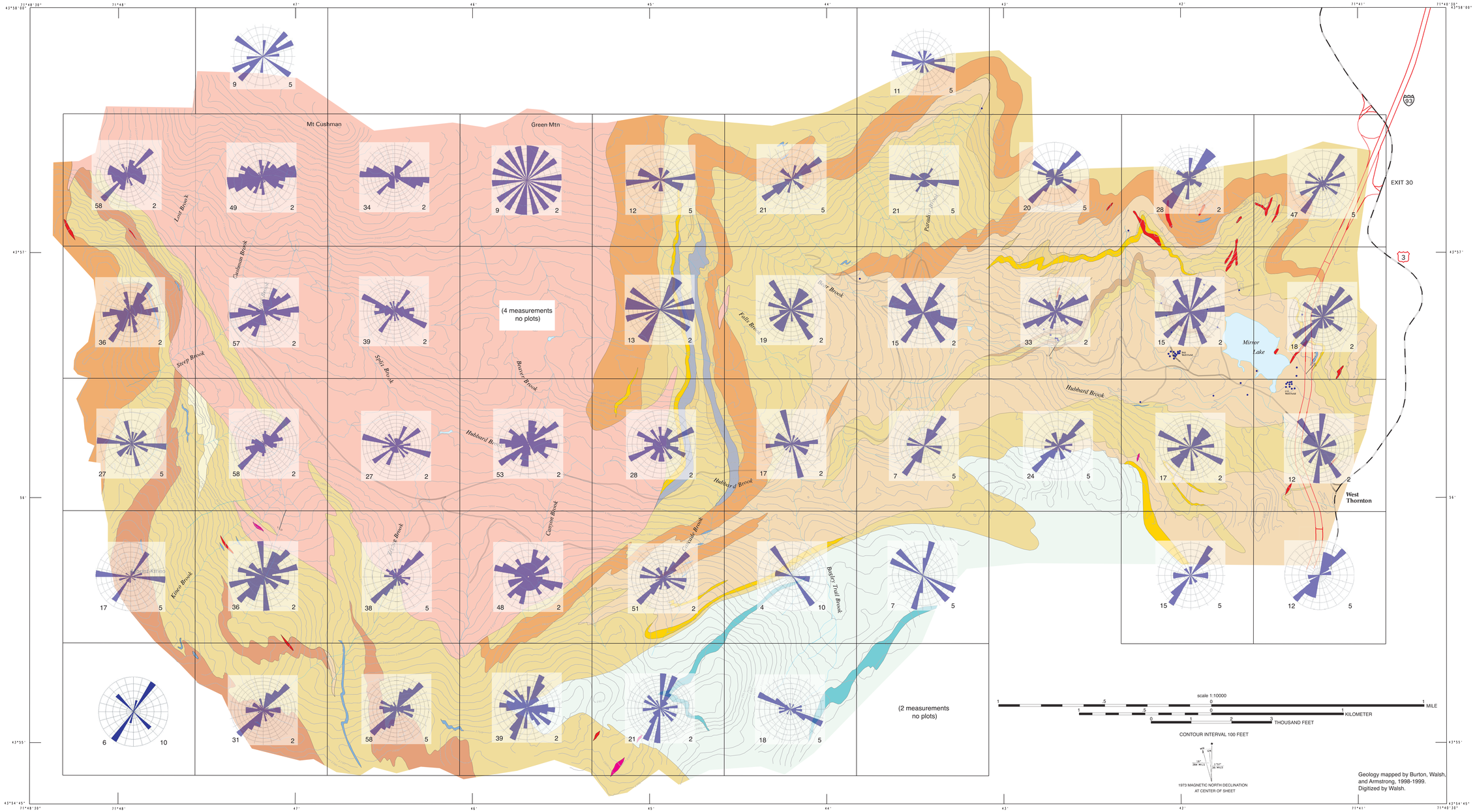
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 00-45-A, v. 1.0
Plate 2 of 2
Explanatory pamphlet accompanies map



Geology mapped by Burton, Walsh, and Armstrong, 1998-1999. Digitized by Walsh.

Base from unpublished U.S. Forest Service map, 1956.

Base map digitized by Cornell Laboratory for Environmental Applications of Remote Sensing (CLEARS), Center for the Environment, Cornell University. Digital file obtained from: Barton, C.C., 1997, Bedrock geologic map of the Hubbard Brook Experimental Forest and maps of fractures and geology in roadcuts along Interstate 93, Grafton County, New Hampshire: U.S. Geological Survey Miscellaneous Investigations Series Map I-2562, scale 1:12,000.

Topography by photogrammetric methods from aerial photographs taken 1956. Topographic contours in northeastern part of Mirror Lake watershed are interpolated from U.S. Geological Survey Woodstock quadrangle, New Hampshire, 7.5-minute series topographic map, 1980.

Roads from New Hampshire's statewide GIS, NH GRANIT.
Polyconic projection, 1927 North American Datum.

FRACTURE MAP

BEDROCK GEOLOGIC MAP OF THE HUBBARD BROOK EXPERIMENTAL FOREST, GRAFTON COUNTY, NEW HAMPSHIRE

By

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2000

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INDEX TO GEOLOGIC MAPPING

LOCATION OF MAP

This map depicts data for steeply-dipping fractures (dip >= 60°) in the Hubbard Brook Experimental Forest in 1 km grid cells, plotted on top of the geologic map shown on Plate 1. Fracture data were selected from the GIS database for each grid cell and plotted in frequency-azimuth diagrams. Fractures include joints, joint sets, fracture zones, and faults. The number of plotted points is indicated by the number at the lower left of each plot. Azimuth data are binned in 10° increments, and reference circle spacing is indicated as a percentage of total data to the lower right of each rose diagram.

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards (or with the North American Stratigraphic Code). Any use of trade names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

This plate and the accompanying text are part A and the database is part B of this Open-File Report; both parts are available from: http://pubs.usgs.gov/openfile/of00-45

This map was produced on request, directly from digital files, on an electronic plotter.

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