



- BEDROCK EXPOSURE
- BEDROCK, closely spaced
- 58 T strike and dip of trap dike
- 88 strike and dip of trap dike
- PR Rhode Island Formation
- BH Barefoot Hill Quartz Monzonite (Lyons, 1939) Porphyritic Granite; phenocrysts of K-feldspar and plagioclase up to 2 cm across
- DQM Dedham Quartz Monzonite, coarse grained
- Fault, observed
- - - Fault, conjectural
- · - · - Fault, inferred
- · - · - Fault, probable
- chl chlorite
- OSR sedimentary rock, noncalcareous
- sh shale
- sh shale
- SOURCES:

Hartshorn, 1960, U.S.G.S. GQ-127

(213) circled numbers, P.C. Lyons, U.S.G.S., 1977; sample taken

Shaler and others, 1899

W.W. Williams and Wiley, 1970, Basic Data Rpt. No. 12, U.S.G.S. Hitchcock, 1941

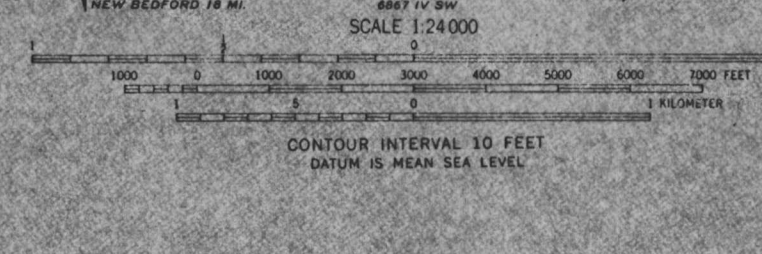
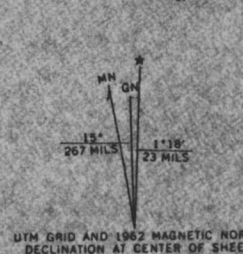
strike of axial trace and plunge of hinge of minor folds

direction of glacial striae and grooves in degrees E. of South

- cc cobble conglomerate, maximum length of clast in inches, minimum percentage of quartzite clasts
- pc pebble congl.
- gc granite congl.
- sc sandstone, coarse to very coarse grained
- sm sandstone, medium grained
- sf sandstone, fine to very fine grained
- sh siltstone, shale, mudstone
- sf/sh sandstone, fine to very fine grained interbedded with sh
- sf-sm sandstone, very fine to medium grained
- 82 strike and dip of joint
- 82 strike and dip of quartz vein
- 26 strike and dip of cleavage

Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and Massachusetts Geodetic Survey  
Planimetry by photogrammetric methods from aerial photographs  
Topography by planimetric survey, 1926-1937. Revised 1962

Polyconic projection. 1927 North American datum  
10,000-foot grid based on Massachusetts coordinate system,  
mainland zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 19, shown in blue  
Red tint indicates area in which only landmarks buildings are shown



U.S. GEOLOGICAL SURVEY  
FEB 24 1978  
LIBRARY

ROAD CLASSIFICATION  
Heavy-duty — Light-duty  
Medium-duty — Unimproved dirt  
U.S. Route — State Route

BRIDGEWATER, MASS.  
N4152.5-W7052.5/7.5

FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Massachusetts (Narragansett Basin) Sheet 1:31,250, 1977  
sheet Bridgewater  
cop. 1

Geology compiled  
by P.C. Lyons,  
U.S.G.S., 1977

85  
77-816M