



- U well in bedrock
- bedrock exposure
- boulder
- contact, approximately located, modified from Chute, 1950
- strike and dip of joint
- strike and dip of beds, topside (T) indicated by cross-lamination
- strike and dip of bedding fissility
- strike and dip of quartz vein
- ST Sedimentary rock, noncalcareous
- IR igneous rock, granular
- MP metamorphic rock, fine grained
- sh shale

- floral locality
- direction of glacial striae and grooves in degrees E of South
- cc cobble congl
- pe² pebble congl, max length of clasts in inches; % of quartzite clasts
- sc sandstone, coarse to very coarse
- sm sandstone, medium
- sf sandstone, fine to very fine
- sh shale, s. stone, med stone
- strike of beds, dip unknown

lithologic comparisons given in order of quantitative importance

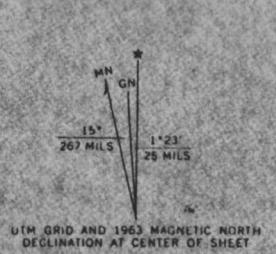
- P Rhode Island Formation
- P Pondville Congl

- contact, approximate location
- synclinal axis, questionable
- coal site

SOURCES:
U.S.G.S. Chute (1950), Map 6A-5
152 circled numbers, Lyons, U.S.G.S.; 5, rock sample taken
W.W. Williams and Willey, 1970, Basic Data Rpt. No. 12, U.S.G.S.
L.T. Lyons and Jones, unpub. data, Weston Observatory, Baton Rouge
C.R. Crosby, 1877

Geology compiled by P.C. Lyons, U.S.G.S., 9-21-70

Map compiled 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 surveys 1936. Revised 1963
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 areas in which only landmark buildings are shown



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ROAD CLASSIFICATION
Heavy duty
Light duty
Medium duty
Unimproved dirt
State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Massachusetts (Narragansett Basin), Sheet 1:31,250,1977
Sheet Brockton
C08.1

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