



- bedrock exposure
- 62 Well in bedrock; depth in ft
- boring in bedrock
- boulder; size in ft
- WG Westwood Granite
- DQM Dedham Quartz Monzonite, coarse-grained (>5mm)
- dqm Dedham Quartz Monzonite, medium-grained (2-5mm)
- BH Barefoot Hill Quartz Monzonite
- D Diorite, chlorite-rich
- M Monzonite (?)
- QG Quincy Granite
- hd hornblende diorite
- qd quartz diorite
- pc pebble conglomerate (>90% quartzite clasts)
- ▲ strike and dip of quartz vein
- ▲ strike and dip of joint
- ▲ strike and dip of breccia vein, mylonite zone (M), fault gouge (G)
- ▲ strike and dip of slickenside, giving plunge of slickenside lineations and downthrown side (D)
- ▲ strike of vertical slickenside
- contact, approximately located
- contact, inferred
- contact, closely located

- SOURCES:**
- 265 Lyons, P.C., 1977, U.S.G.S
 - W Williams, Willey, and Tasker, 1975, Mass. Hydrologic Data Rpt. No. 16, U.S.G.S.
 - C Chute, 1966, USGS Bull. 1163-B
 - L Lyons, P.C., 1969, Boston Univ. Ph.D. dissertation
 - fault, probable; D, downthrown side; U, upthrown side
 - PR Rhode Island Formation
 - PP Pondville Conglomerate

Geology compiled
by P.C. Lyons
U.S.G.S., 4-2-77

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Massachusetts Geologic Survey
Planimetry by photogrammetric methods from aerial photographs
Topography by planimetric surveys 1956. Revised from
aerial photographs taken 1969. Field checked 1971
Selected hydrographic data compiled from USC&GS Chart 246 (1971)
This information is not intended for navigational purposes
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 areas in which only
landmark buildings are shown

SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN-HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9.5 FEET

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ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U.S. Route
State Route

Text in (300) R290 77-816

WEYMOUTH, MASS.
N207.5—W7052.5/7.5
1971
AMS 868 III NW—SERIES V414

Massachusetts (Narragansett Basin), Sheet 1:31,250, 1977
sheet Weymouth
8-22
77-816m