



● BEDROCK EXPOSURE
boulder, size in ft

① Circled numbers:
Paul C. Lyons
U.S.G.S.

— Contact modified from
Shaler and others,
1899, solid where
closely located

↗ strike and dip
of beds; top
side (T) indicated
by cross-bridging
↘ strike of beds; dip
unknown

✱ quarry
△ floral locality
F floral locality

cc cobble congl.
pc pebble congl.
sc sandstone, coarse
to very coarse
grained
sh shale

P Dighton
Conglomerate

P R Rhode Island
Formation

↖ axis of Great
Meadow Hill
Syncline

↗ strike and dip
of quartz vein

↘ strike and dip
of slickenside,
showing downturn
(D) 5.0°

↖ strike and dip
of joint

SOURCES:
L J Lyons and Jones,
unpub. data, Weston
Observatory - Boston
College

Q Quinn, 1971,
U.S.G.S. Bull. 1295

① Circled numbers,
P. C. Lyons, U.S.G.S.,
1977

S Shaler and others,
U.S.G.S. Mon. 33,
1899; data
transferred to
1:24,000 base map
by H. B. Chase,
1927

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FEB 24 1978
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Geology compiled
by P. C. Lyons,
U.S.G.S., 9-21-77

Text in
(200)
R290
77-816

Mapped, edited, and published by the Geological Survey
Revised in cooperation with Massachusetts Department
of Public Works
Compiled by U.S.G.S. and Massachusetts Geological Survey
Engineering Department, 1977
Scale 1:24,000
1000-foot Universal Transverse Mercator grid ticks, zone 19,
shown in blue
Red dot indicates areas in which only landmark buildings are shown

SCALE 1:24,000
1000 FEET
1 MILE
1 KILOMETER

ROAD CLASSIFICATION
Primary highway
Secondary highway
Light duty road
Unimproved road

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 East Providence A
208-1

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N4145—W7115/7.5
1977
AMS 6761 IV 66—SERIES V914

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