

cc cobbles congl; max length of clasts in inches; min. 1/4 of quartite clasts
pc pebble congl.
gc granite congl.
sc sandstone, coarse to very coarse grained
sc-gc granite congl.
s sandstone, coarse to very coarse grained
sm sandstone, medium grained
sf sandstone, fine to very fine grained
p pebbly
sh shale, siltstone, mudstone

lithologic composition given in order of quantitative importance

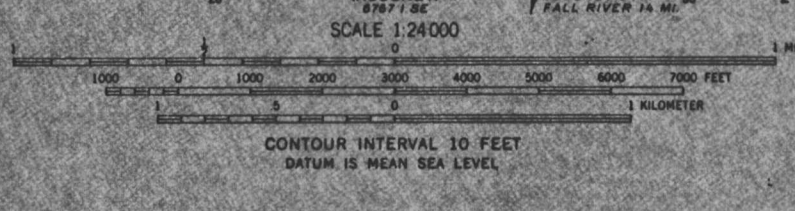
85 strike and dip of joint
strike of vertical joint
strike and dip of quartz vein
direction of glacial grooves in degrees E of South

— contact from Shaler and others (1899)
● BEDROCK EXPOSURE
+ BORING IN BEDROCK; depth in ft
sh shale
sh well in bedrock; depth of well in ft
T2 T-NUMBERS DATA OF HARTSHORN (1967)
⑬ circled numbers, Data of LYONS, U.S.G.S., 1957, rock sample taken
1000 = depth of hole in ft; NB
● Coal encountered in Narragansett Basin Project Drill Hole, Shaler and others, Weston Observatory - Boston College
▲ coal site
X coal mine
▲ plant fossils
F plant fossils
19 strike and dip of beds
T18 strike and dip of beds; topside of beds indicated by cross-bedding or cross-lamination
* anticlinal axis, questionable
* synclinal axis
sr sedimentary rock, noncalcareous
ss sandstone
cg conglomerate
cl coal
sl slate
sh shale
ls limestone (?)
P DIGHTON CONGLOMERATE
PR RHODE ISLAND FORMATION
/ fault, probable

SOURCES:
S Shaler and others 1899
T Tylan, 1943
Hartshorn, 1967
Narragansett Basin Project Interim Report for the period 6/1/76 to 12/31/76;
Wesleyan Observatory - Boston College
WV Williams and Willey, 1967, Basic Data Rpt. No. 10, Ground Water Series U.S.G.S.
WV Williams and Willey, 1970, Basic Data Rpt. No. 12, Ground Water Series, U.S.G.S.
LJ Lyons and Jones, unpub. data, Weston Observatory - Boston College.

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

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Planimetry in part by photogrammetric methods from aerial photographs. Topography by planimetric surveys, 1942
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 areas in which only landmark buildings are shown



ROAD CLASSIFICATION
Heavy-duty _____ Light-duty _____
Medium-duty _____ Unimproved dirt _____
U.S. Route _____ State Route _____
QUADWHEEL LOCATION
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Text in R290 77-816

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