

- 72- strike and dip of quartz vein parallel to zone of fault gouge (9)
- 80- strike and dip of fault indicated by fault gouge (9)
- 80- strike and dip of fault indicated by fault gouge (9) direction of movement (left-lateral) indicated by offset quartz vein
- 50- strike and dip of quartz split dip
- 31- strike and dip of quartz vein
- 82- strike and dip of joint
- strike and dip of vertical joint
- 76- strike and dip of cleavage
- 80- strike and dip of slickensides showing plunge of slickenside lineations, downthrown side
- 80- strike and dip of foliation
- 76- strike and dip of quartz vein parallel to cleavage

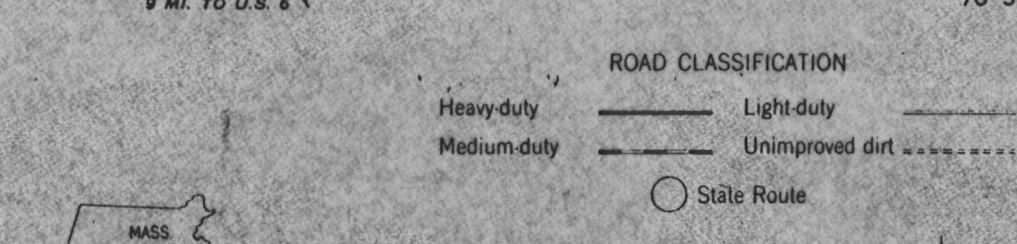
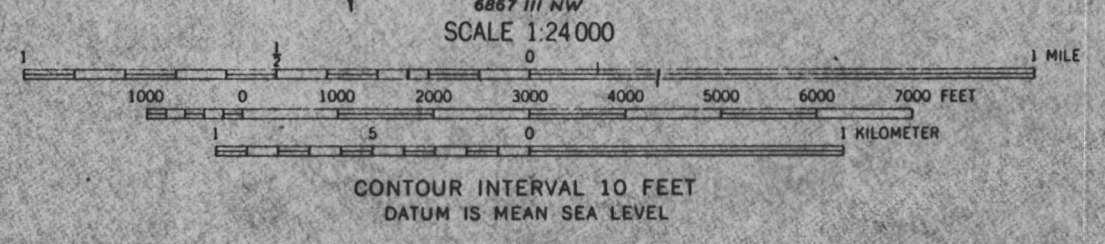
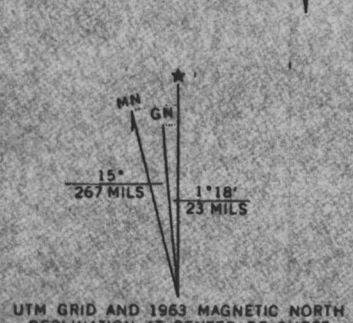


- 130- boring in bedrock
- BEDROCK EXPOSURE
- BEDROCK EXPOSURE CLOSELY SPACED
- BOULDER, SIZE - IN FE Well, surficial
- well in bedrock, depth in ft according to L. Maxim Vaughn Street (7/25/77) well in bedrock, depth in ft well in bedrock, depth in ft (151-161); depth to bedrock (98-99); Peter Panettieri, landowner (7/24/77) SW stone wall
- Pri Rhode Island formation
- 310000g, Dedham Granodiorite coarse grained
- dgp, Dedham Granodiorite porphyritic
- grl granite
- gr granite, porphyritic
- s schist, feldspathic
- x - large boulder
- sh - shale
- cgl - conglomerate
- ss - sandstone
- o well
- Koteff, 1964, GQ-265

- cc cobble congl.
- pc pebble congl.
- gc granule congl.
- sc sandstone, coarse to very coarse
- sm sandstone, medium-grained
- sf sandstone, very fine to fine grained
- sh shale, siltstone, mudstone
- BH Barefoot Hill Quartz Monzonite (Lyons, 1969); equivalent of dgp of GQ-265 and igneous rock, granular
- DQM Dedham Quartz Monzonite, coarse-grained
- dqm Dedham Quartz Monzonite, medium-grained (3-5 mm) granodiorite
- SD Salem Diorite (hornblende diorite)
- BD Biotite Diorite (?)
- SRW sedimentary rock, weathered
- 30 strike and dip of beds
- fault, probable
- D downthrown side
- U upthrown side
- fault, inferred
- plunge of hinge of minor fold
- PR Rhode Island Formation

- SOURCES:
- (228) circled numbers, P. C. Lyons, U. S. G. S., 1977, 5, rock sample taken
 - Koteff, 1964, U. S. G. S., GQ-265
 - W. Williams and Willey, 1970, Basic Data Rpt. No. 12, U. S. G. S.
 - C Chase, H. B., pers. commun., 1977

Mapped, edited, and published by the Geological Survey
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Planimetry by photogrammetric methods from aerial photographs
Topography by plane-table surveys 1937. Revised 1963
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



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N4145-W7052.5/7.5
1963



Massachusetts (Warringtonset) Basin, Geol.
1:31,250. 1977. C. 2