OF 77-816

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

cc^{10}_{95} cobble congl; max length of clasts in inches; min. % of quartzite clasts

pc pebble congl.

gc granule congl.

sc Sandstone, coarse to very coarse grained

sc-gc granule congl. to sandstone, coarse to very coarse grained

sm Sandstone, medium grained

sf Sandstone, fine to very fine grained

-p pebbly

sh shale, siltstone, or mudstone

lithologic compositions given in order of quantitative importance

anticlinal axis

synclinal axis

CONTACT FROM SHALER AND OTHERS (1899)

BEDROCK EXPOSURE

o well in bedrock WW

F plant fossil(s)

sh shale

(61) circled numbers: data of P.C. Lyons, U.S.G.S.

strike and dip of slickenside, showing downthrown side (D)

strike and dip of quartz vein

strike and dip of joint

dip direction uncertain

? bedding uncertain; possibly cleavage

strike and dip of beds

T TOPSIDE OF beds as determined by crossbedding.

data from Shaler and others (1899); transferred by H. B. Chase (7/2/77)

direction of glacial striae and grooves in degrees E. of S.

strike + dip of cleavage

P_D DIGHTON CONGLOMERATE

P_R RHODE ISLAND FORMATION

SOURCES:

WW Williams and Wiley, 1970, Basic-Data Rpt. No. 12, U.S.G.S.

cc^{9}_{95} cobble congl., with max. length of clasts in inches and min. % of quartzite clasts

pc pebble congl

sc sandstone, coarse to very coarse

sc-p sandstone, coarse to very coarse, pebbly

sm sandstone, medium grained

sf sandstone, fine grained

sh shale, siltstone, mudstone

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

Mapped, edited, and published by the Geological Survey in cooperation with the Army Map Service. Revised in cooperation with Massachusetts Department of Public Works

Control by USGS, USC&GS, and Massachusetts Geodetic Survey

Planimetry by photogrammetric methods from aerial photographs taken 1941. Topography by planetable surveys 1942. Revised from aerial photographs taken 1966. Field checked 1967

Selected hydrographic data compiled from USC&GS Chart 353 (1968). 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 2.8 FEET

UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface	Unimproved road, fair weather
Interstate Route	U. S. Route
State Route	

SOMERSET, MASS.
N4145—W7107.5/7.5
1967
AMS 6767 I SW—SERIES V814

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