64-62

GEOLOGIC MAP OF NEW ENGLAND

Compiled from State Maps of New Hampshire, Vermont, New York, Massachusetts, and from other published and unpublished sources

1:1,000,000

10 0 10 20 30 40 miles

R Goldsmith 1962

EXPLANATION

Plutonic Rocks

Mz | Mm

Early Mesozoic alkalic granites (White Mountain Magma Series)
Mm, mafic rocks

Cp | Cq

Cp, Late to Post-Pennsylvanian calk-alkalic granites
Cq, Carboniferous alkalic granites (Quincy type)

Df | Dm

Syn and post-tectonic calk-alkalic granites of Devonian age
Post-tectonic granites indicated by random pattern
(New Hampshire Magma Series)
Df, felsic rocks
Dm, mafic rocks

Do

Post-Silurian - Pre-Acadian calk-alkalic granites
(Oliverian Magma Series)

Of | Om

Pre-Silurian - Early Paleozoic calk-alkalic granites
(Highlandcroft Magma Series)
Of, felsic rocks
Om, mafic rocks

b | u | g

Rocks unclassified as to age
b, gabbro and diorite
u, ultramafic rocks
g, granite

Sedimentary, Volcanic, and Metamorphic Rocks

KTQ

Coastal plain deposits (Cretaceous, Tertiary and Pleistocene)
Depth to basement shown by 100' contours

Tr | Trv

Triassic
Trv, volcanics

Pv

Permian volcanics

C | Cv

Carboniferous
Cv, volcanics

D

Devonian
Late Devonian post-orogenic deposits

SD | SDv

Siluro-Devonian
SDv, volcanics

€O | €Ov | €Ot | €Om

Cambro-Ordovician
€O, eugeosynclinal facies
€Ov, volcanics
€Ot, transition or Taconic facies
€Om, miogeasynclinal facies

€pE | €pEfg

Cambrian and possibly Pre-Cambrian
€pEfg, metamorphic rocks and granite

pE

Pre-Cambrian
Includes plutonic rocks
Trend lines shown in some areas

Anticline Overturned anticline

Syncline Overturned syncline

Axis of anticlinorium
Axis of synclinorium

Dome

Trace of axial plane of recumbent fold
Hachures point to inverted limb

High angled fault

Low angled fault
Thrust symbols on side of overriding block