

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS  
AND  
THE STATE OF CONNECTICUT, GEOLOGICAL AND NATURAL HISTORY SURVEY

OPEN FILE  
HAMPDEN QUADRANGLE  
MASSACHUSETTS-CONNECTICUT  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Approximate size and shape of bedrock outcrops (ledge)

Approximate area underlain by bedrock at depth inferred to be less than 10 feet; may include some areas of thicker surficial deposits

BEDROCK OUTCROPS AND NEAR-SURFACE OCCURRENCES OF BEDROCK IN THE HAMPDEN QUADRANGLE  
MASSACHUSETTS-CONNECTICUT  
BY  
ROGER B. COLTON  
1971

Outcrops partly from manuscript maps of John Pepper, 1967.  
Mapped by Roger B. Colton in 1966, 1968, and 1970 and  
assisted by Michael J. Mallory in 1968

U.S. Geological Survey  
OPEN FILE MAP  
This map is preliminary and has  
not been edited or reviewed for  
conformity with Geological Survey  
standards or nomenclature.



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