OPEN FILE PREPARED IN COOPERATION WITH THE COMMONWEALTH OF MASSACHUSETTS UNITED STATES HAMPDEN QUADRANGLE DEPARTMENT OF PUBLIC WORKS DEPARTMENT OF THE INTERIOR MASSACHUSETTS-CONNECTICUT THE STATE OF CONNECTICUT, GEOLOGICAL AND NATURAL HISTORY SURVEY GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 670 000 FEET (CONN.) 708000m.E 470 000 FEE 410 000 FEET SPRINGFIELD HAMPDEN TO TOLLAND CO 370 000 FEET 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 330.000 FEET (MASS.) 27'30" (ELLINGTON) SCALE 1:24 000 1000 0 1000 2000 3000' 4000 5000 6000 7000 FEET

1 5 0 1 KILOMETER

CONTOLIR INTERVAL 10 Approximate size and shape of bedrock outcrops (ledge) CONTOUR INTERVAL 10 FEET DATUM IS MEAN SEA LEVEL M(200) R290 Approximate area underlain by bedrock at depth inferred to be less than 10 feet; may include some areas of thicker surficial deposits QUADRANGLE LOCATION APPROXIMATE MEAN DECLINATION, 1958 BEDROCK OUTCROPS AND NEAR-SURFACE OCCURRENCES OF BEDROCK IN THE HAMPDEN QUADRANGLE U:S: Georgical Survey

OPEN FILE MAP

This map is preliminary and has not been edited or reviewed for eonformity with Geological Survey standards or nomenclature. sheet 2 df 3 MASSACHUSETTS-CONNECTICUT BY ROGER B. COLTON 1971

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