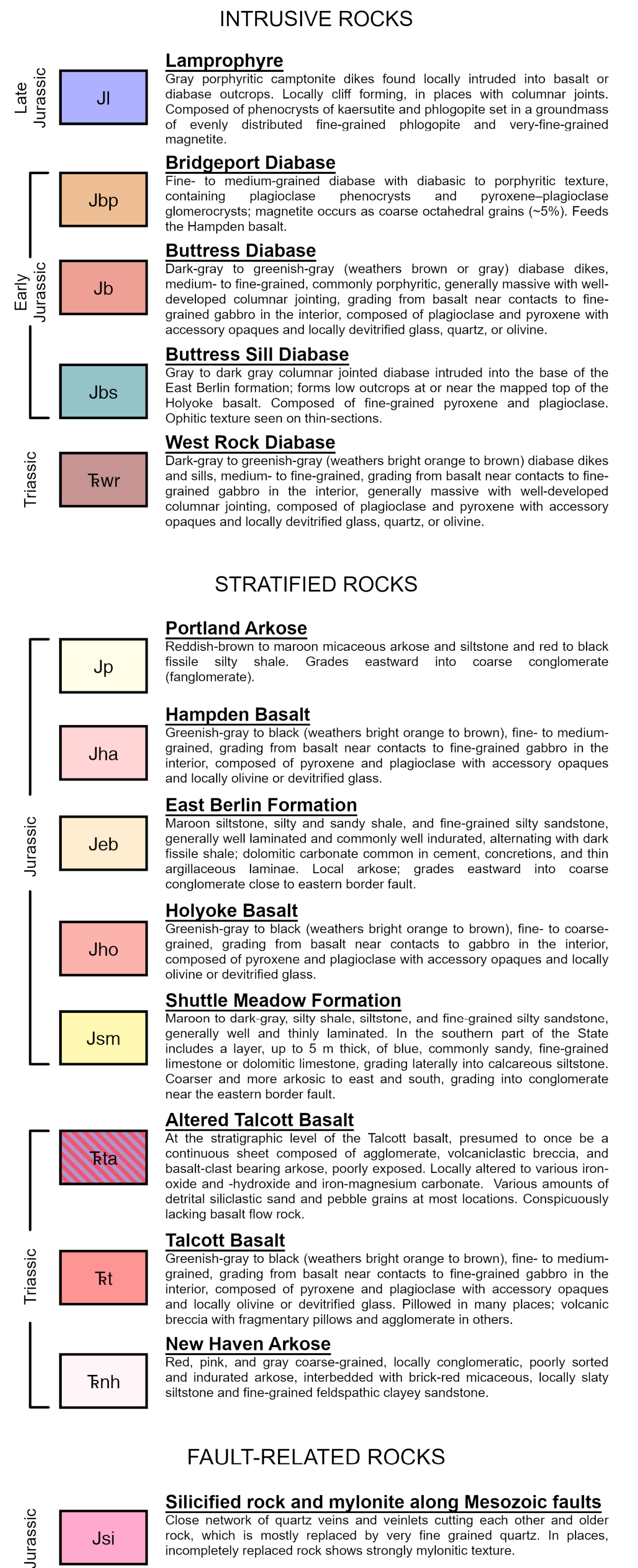


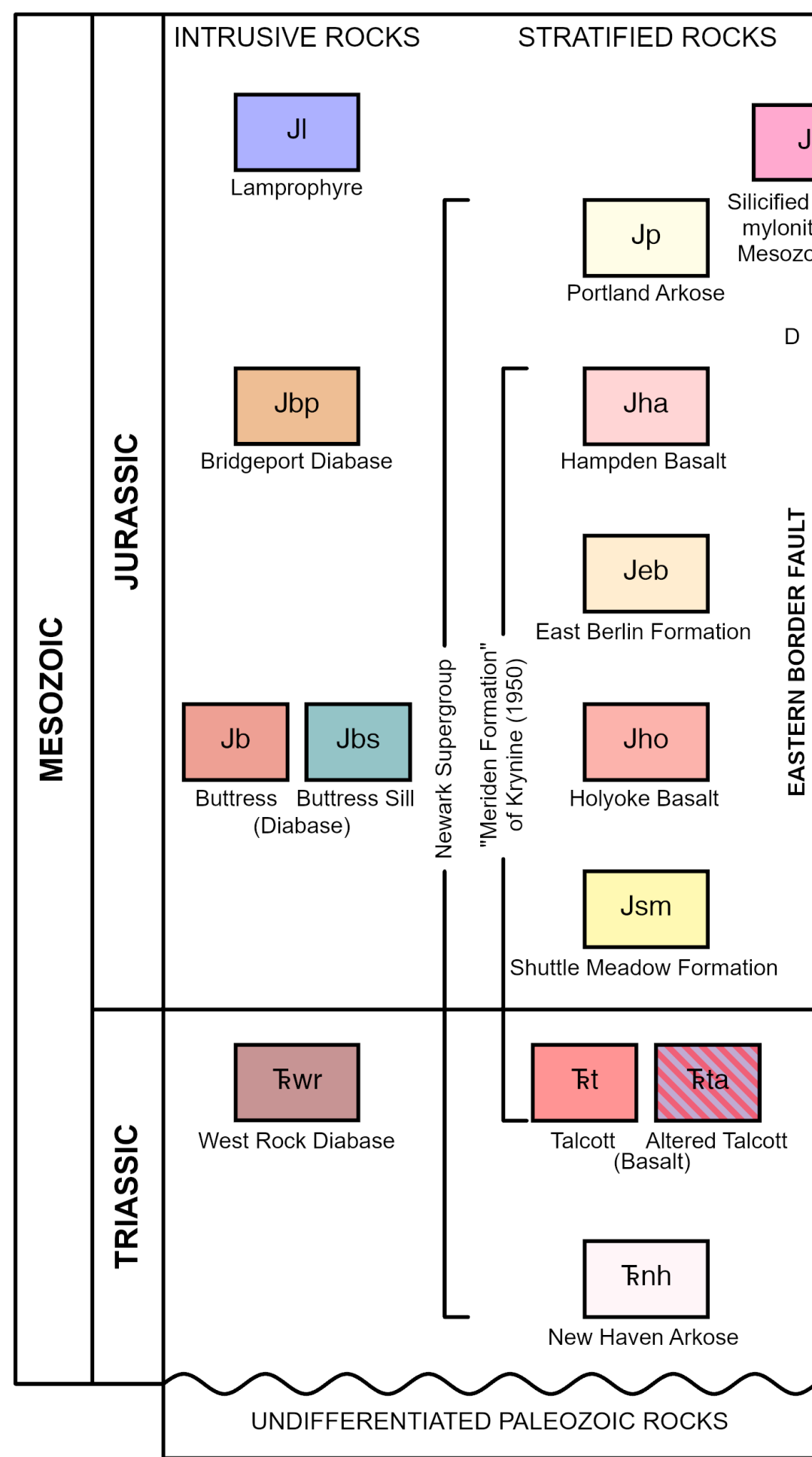
CONNECTICUT NATURAL RESOURCES ATLAS SERIES:
HARTFORD BASIN BEDROCK GEOLOGICAL MAP



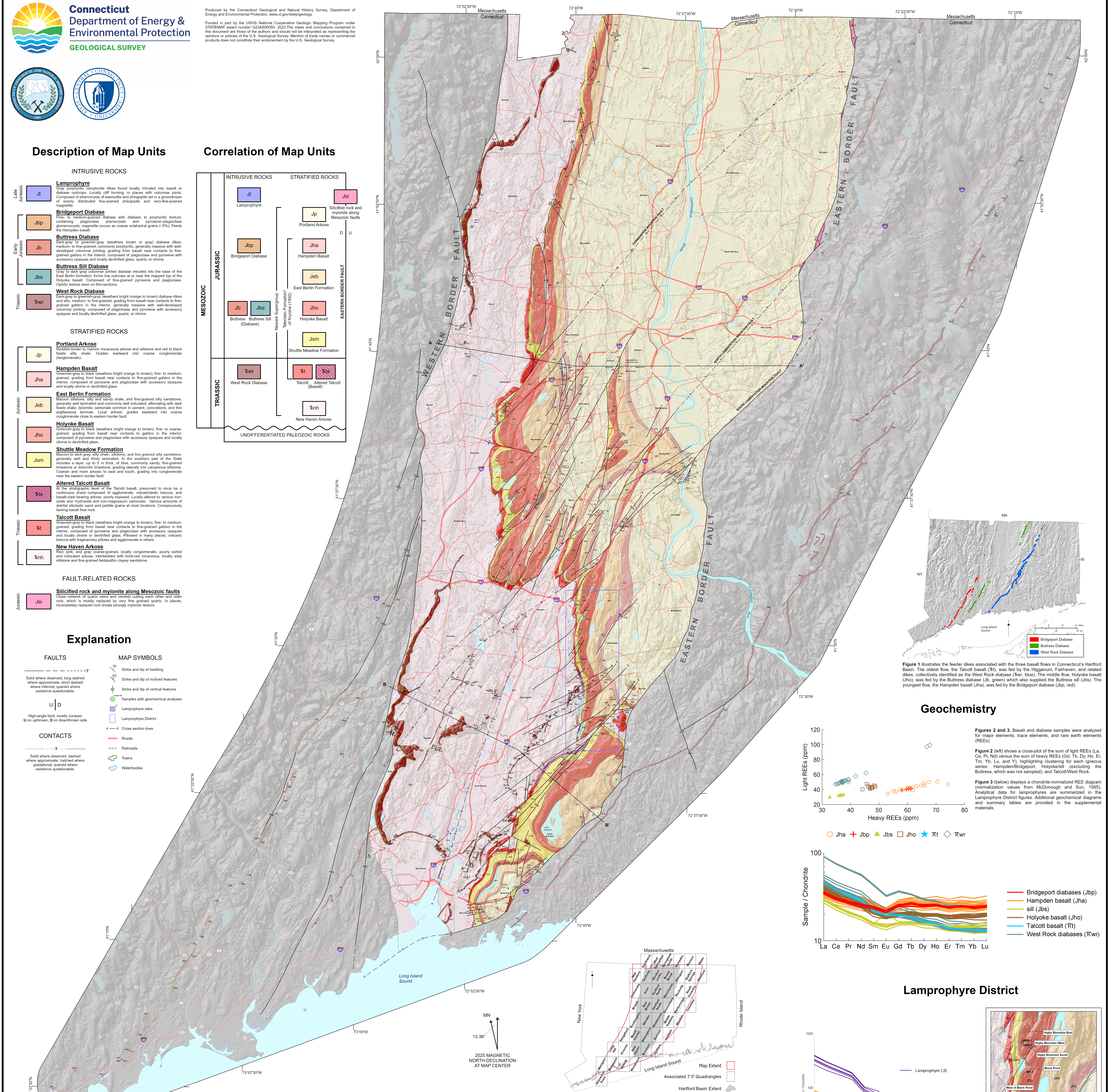
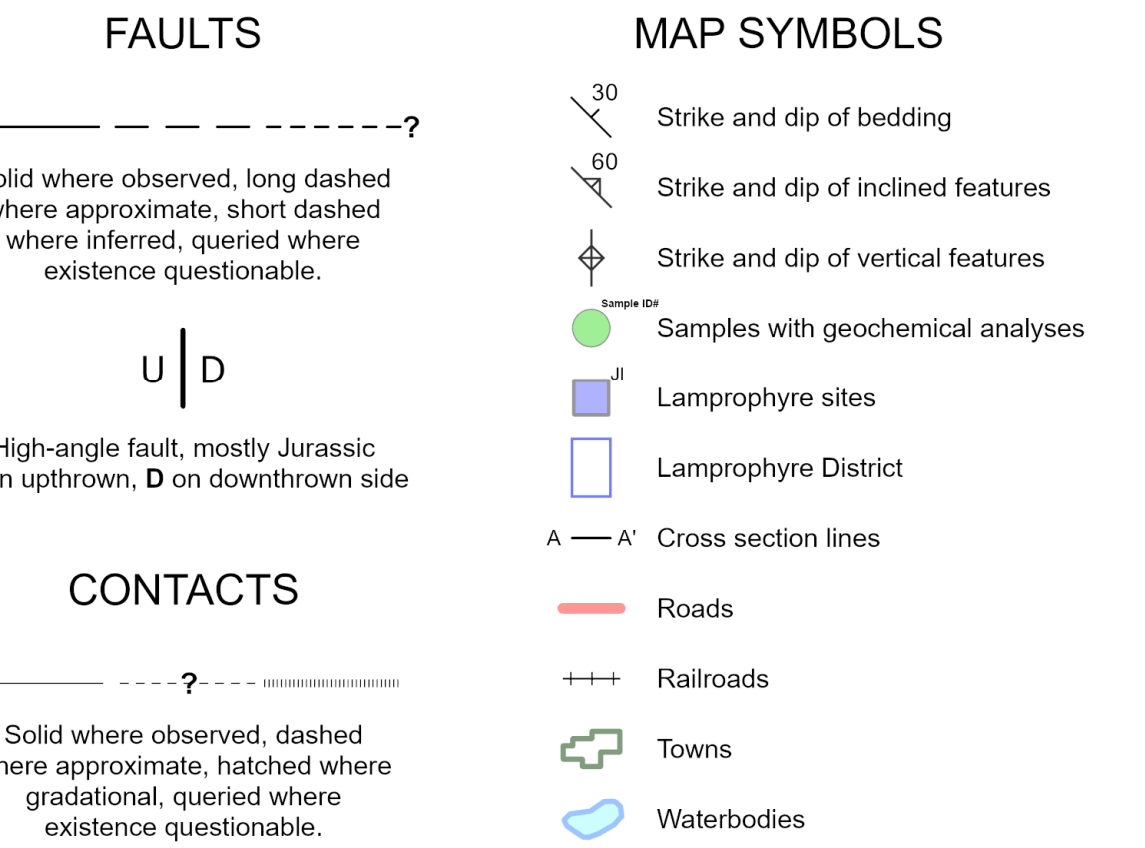
Description of Map Units



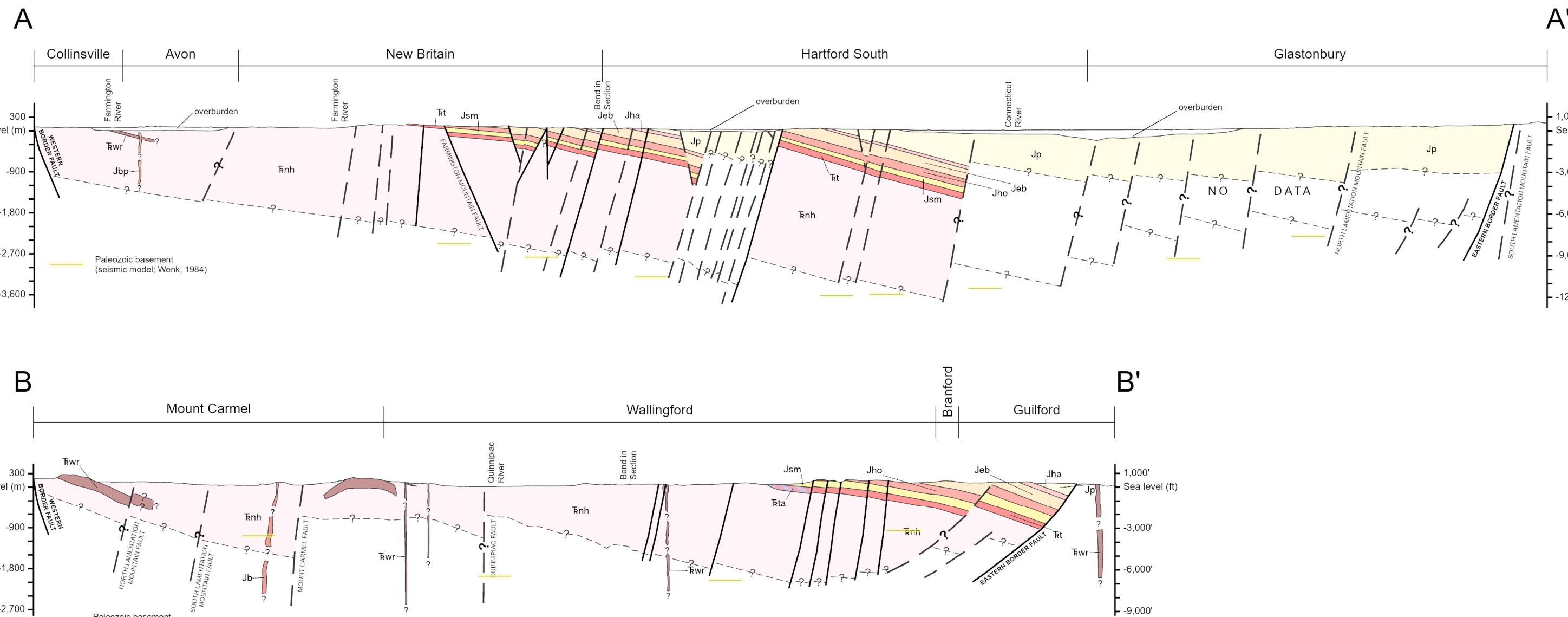
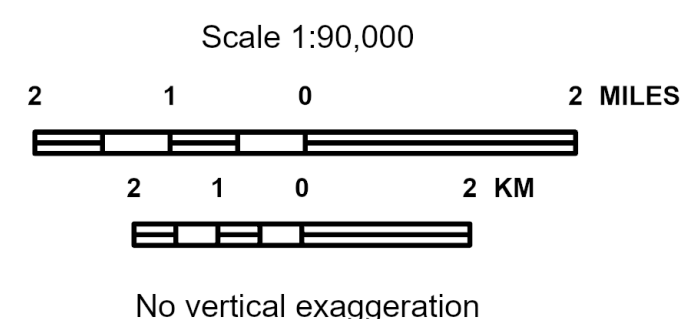
Correlation of Map Units



Explanation



Geologic Cross Sections



PRELIMINARY BEDROCK GEOLOGIC MAP
OF THE HARTFORD BASIN
CENTRAL CONNECTICUT

Compiled by
Randolph P. Steinen¹

Lamprophyre District by
Allison Charney²

2025

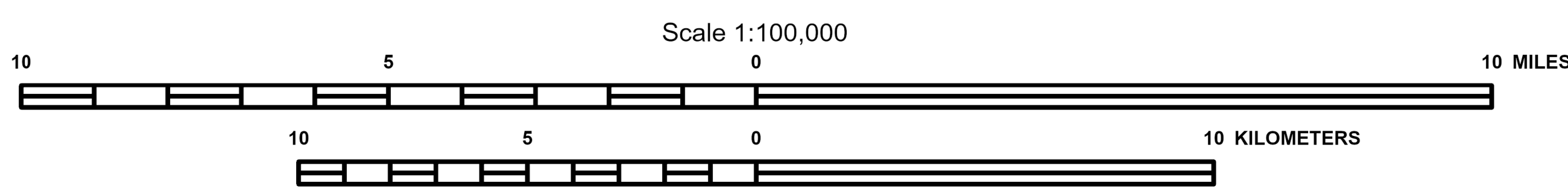
Cartography by
Devin Justman¹

State Geologist
Meghan M. Seremet¹

With Contributions by
Kaliann Magalhaes¹, and Natalie Potter¹

¹Connecticut Geological and Natural History Survey,
Department of Energy and Environmental Protection

²Central Connecticut State University, Earth and Space Sciences,
New Britain, Connecticut



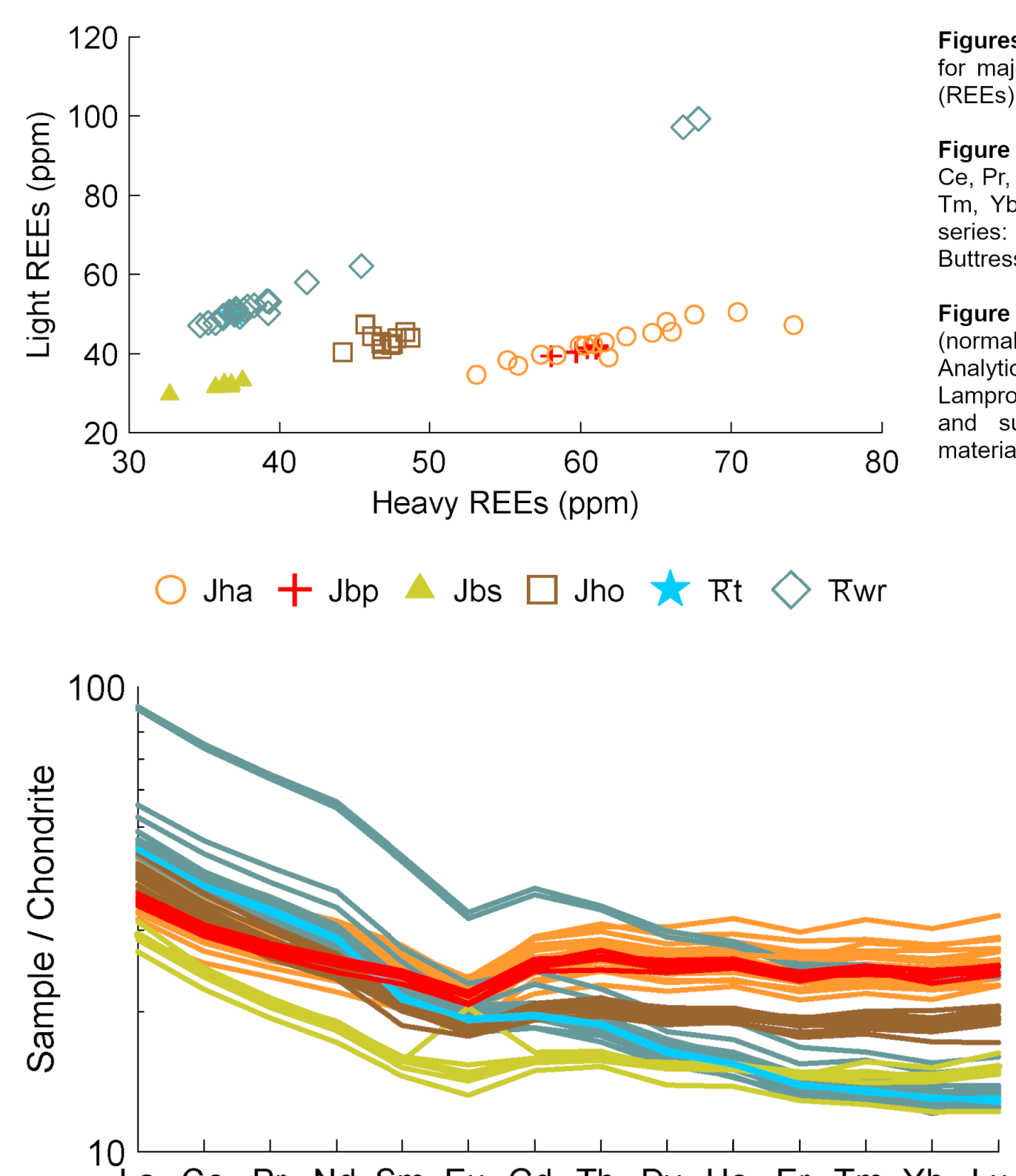
Contour interval 50 feet
North American Datum 1983 (NAD83)
Connecticut State Plane FIPS 6002 (U.S. Feet)
Lambert Conformal Conic Projection

Base map layers compiled and edited from Connecticut Environmental Conditions
Online (CTECO), accessed through maps.cteco.uconn.edu:

- Elevation hillshade (2023)
- Elevation contours (2023)
- Routes and streets (2008)
- Railroads (2005)
- Towns (2005)
- Waterbodies (2005)

The stratigraphy of Late Triassic to Jurassic sedimentary and igneous rocks in central Connecticut was first recognized by William Morris Davis in the late 19th century (The Triassic formation of Connecticut, 1898) and refined in the 20th century. John Rodgers compiled the Bedrock Geological Map of Connecticut in 1985. Updates since the 1985 map have been incorporated into this Bedrock Geologic Map of the Hartford Basin, Central Connecticut which provides an updated representation of the igneous-rock-unit identifiers in the basin, primarily with the use of geochemical analyses. This map is preliminary and subject to revision. Refer to report for more details.

Geochemistry



Lamprophyre District

