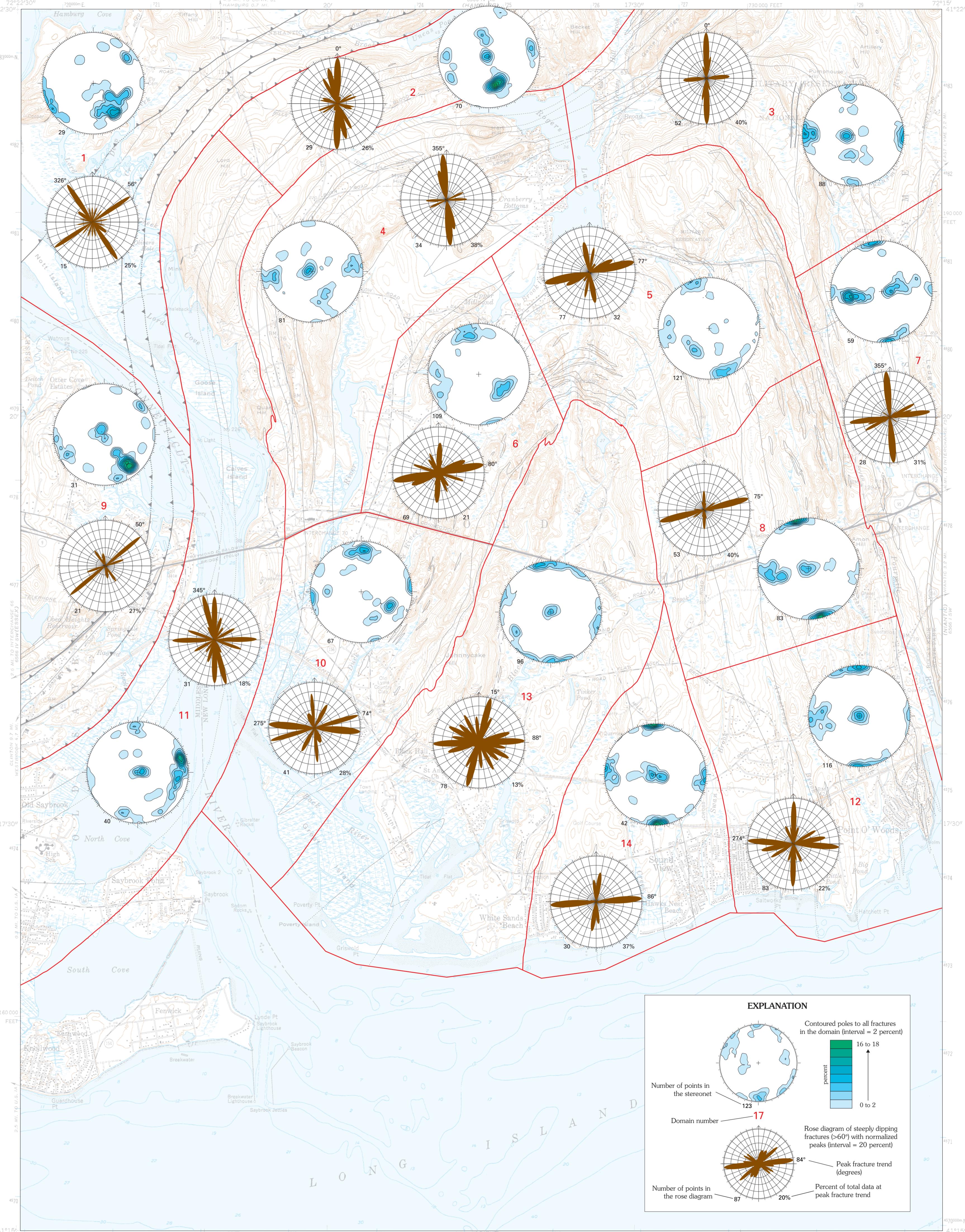


Brittle Structure Map
Structures on this map include joints, faults, and parting fractures. Parting fractures are parallel to axial surfaces of folds, cleavage, and gneissosity, and the same symbols used on sheet 1 are used here. The Description of Map Units and the Explanation of Map Symbols are found on sheet 1 of this report.



Fracture Trend Analysis Map
This map shows lower hemisphere equal area projections (stereonet) and azimuth-frequency (rose) diagrams for steeply dipping (>60°) fractures organized by domain (areas 1-14). Analyzed data include brittle structures portrayed on the Brittle Structure Map to the left. Rose diagrams show peak fracture trends generated by a Gaussian curve-fitting routine (Wise and others, 1985; Salvini and others, 1999). Data are plotted by using Structural Data Integrated System Analyser (DAISY, version 3.41) software by Salvini (2002).

BEDROCK GEOLOGIC MAP OF THE OLD LYME QUADRANGLE, NEW LONDON AND MIDDLESEX COUNTIES, CONNECTICUT

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