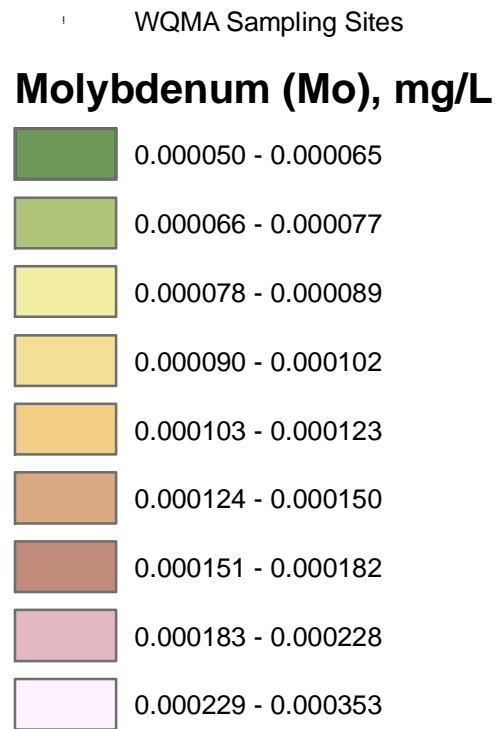
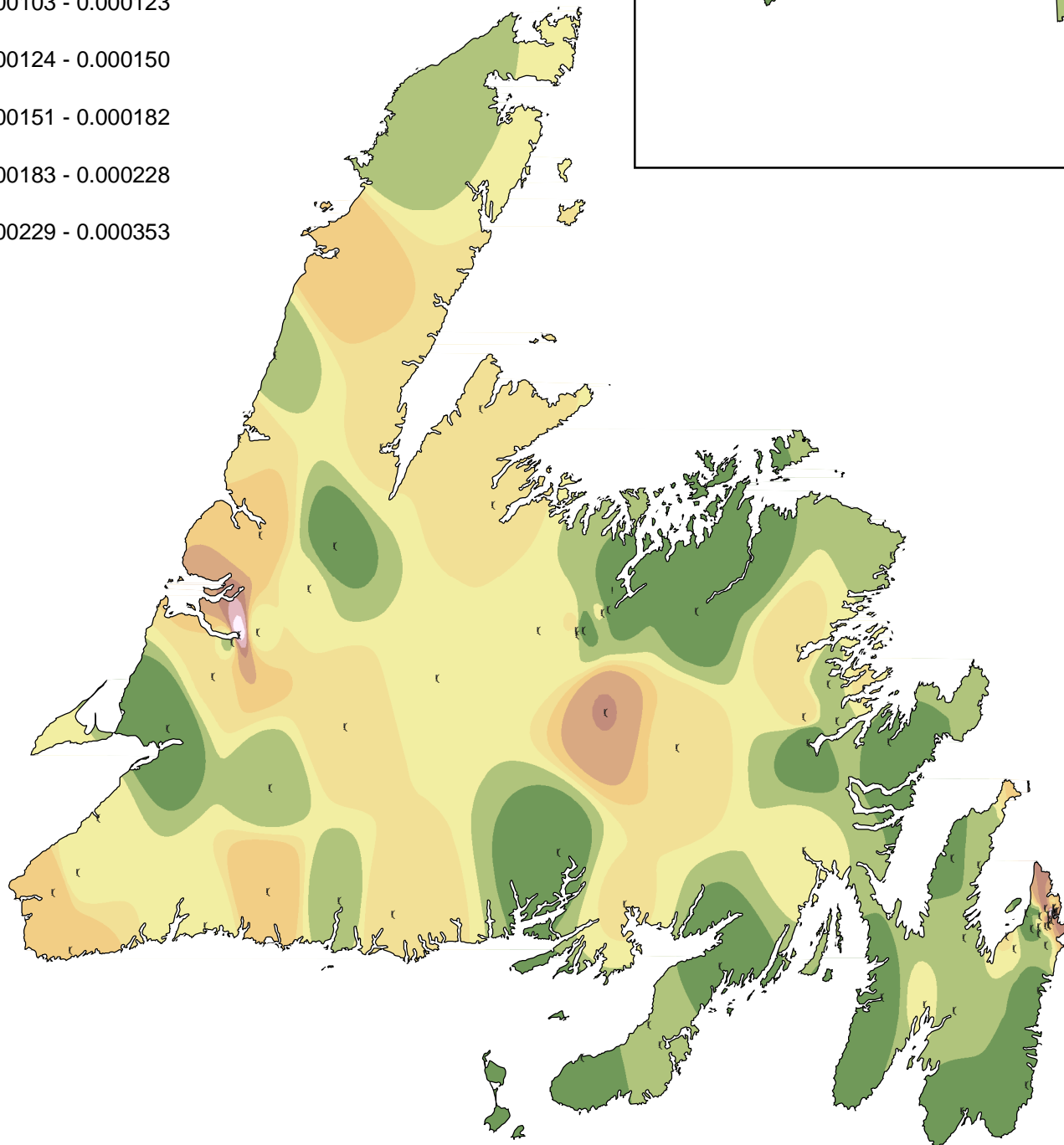
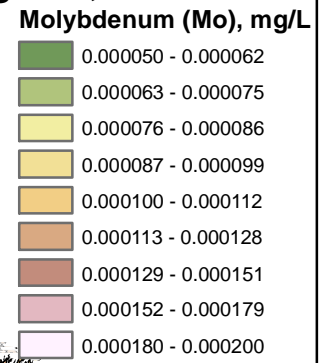


Molybdenum Contours Based on Canada-Newfoundland Water Quality Monitoring Agreement Data

Legend, Newfoundland



Legend, Labrador



A contour map displays regions, each of which represents a constant value for a particular parameter. These regions are approximations based on average recorded values at WQMA sites for all data collected between 1985-2000. The contour regions were estimated using a geostatistical approach known as Inverse Distance Weight (IDW), with a power of 5. The maps will be updated for every five years of new water quality data collected. Values are compared against the Canadian Council of Ministers of the Environment Water Quality Guidelines for the Protection of Aquatic Life.

Molybdenum levels tend to be higher in urban settings, and it is also a known by-product of copper and uranium mining, and the burning of fossil fuels. It is also found in fertilizers, which are often found in urban and agricultural runoff. The molybdenum guideline for the Protection of Aquatic Life is 0.073 mg/L. Levels in the province are under this guideline value.