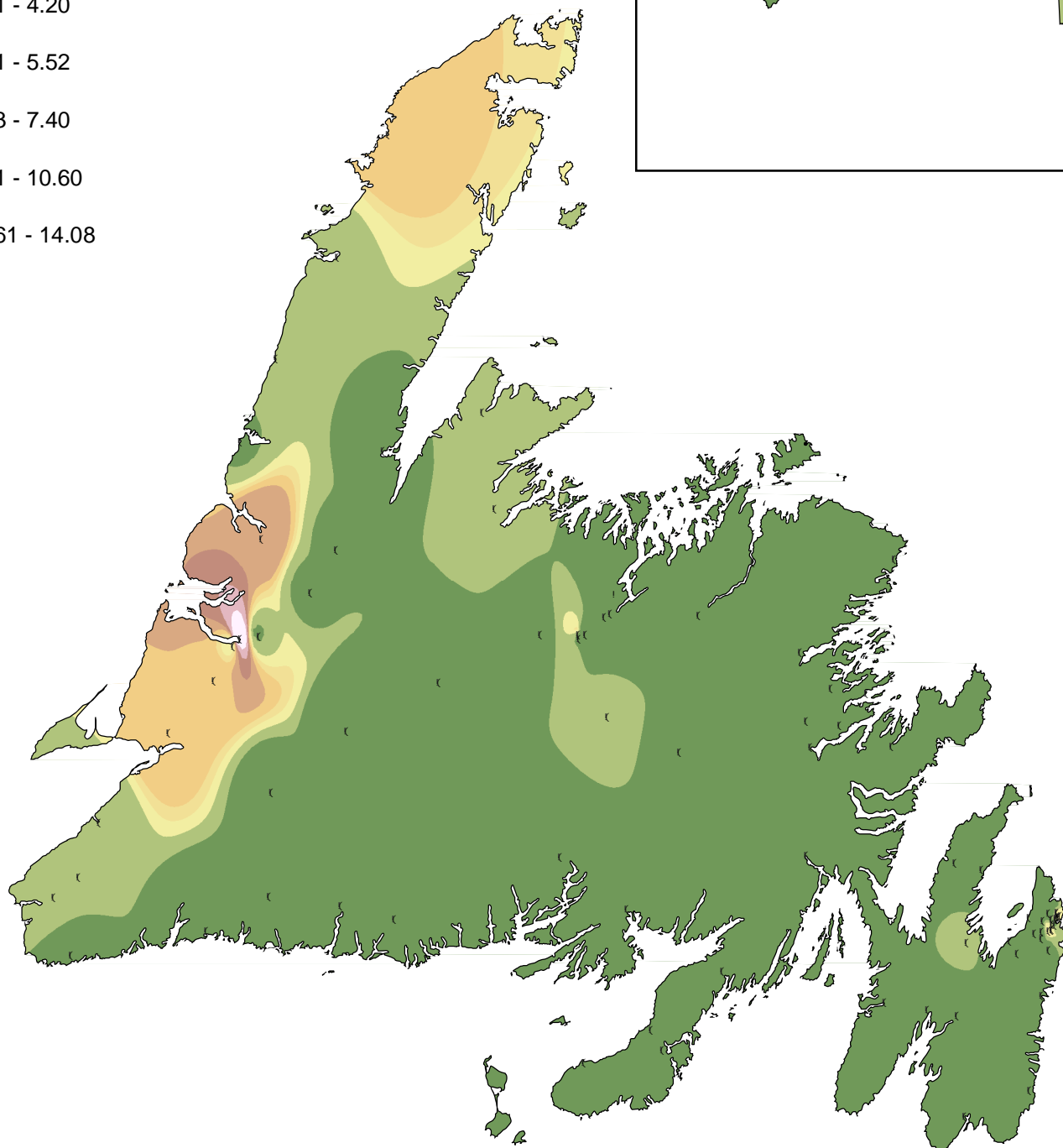
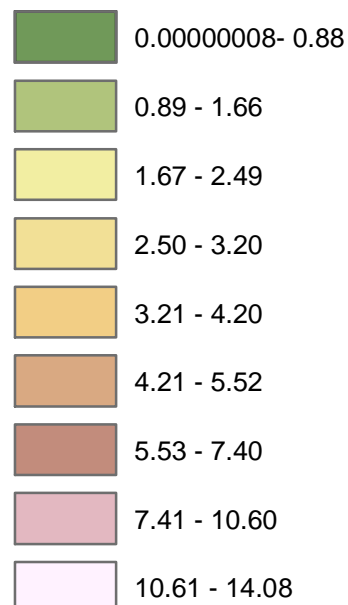


Magnesium Contours Based on Canada-Newfoundland Water Quality Monitoring Agreement Data

Legend, Newfoundland

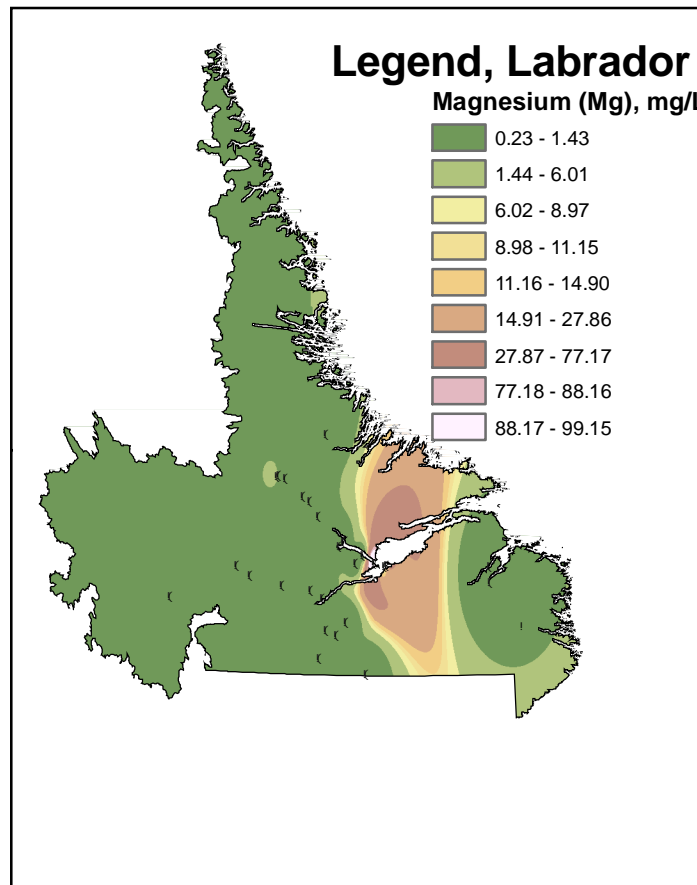
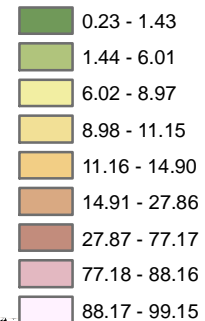
WQMA Sampling Sites

Magnesium (Mg), mg/L



Legend, Labrador

Magnesium (Mg), mg/L



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.

Magnesium is found in landfill leachate, as well as road salts. It is often increased in areas with pulp and paper production, as well as in areas that have metal refineries. There is no magnesium guideline for the Protection of Aquatic Life.