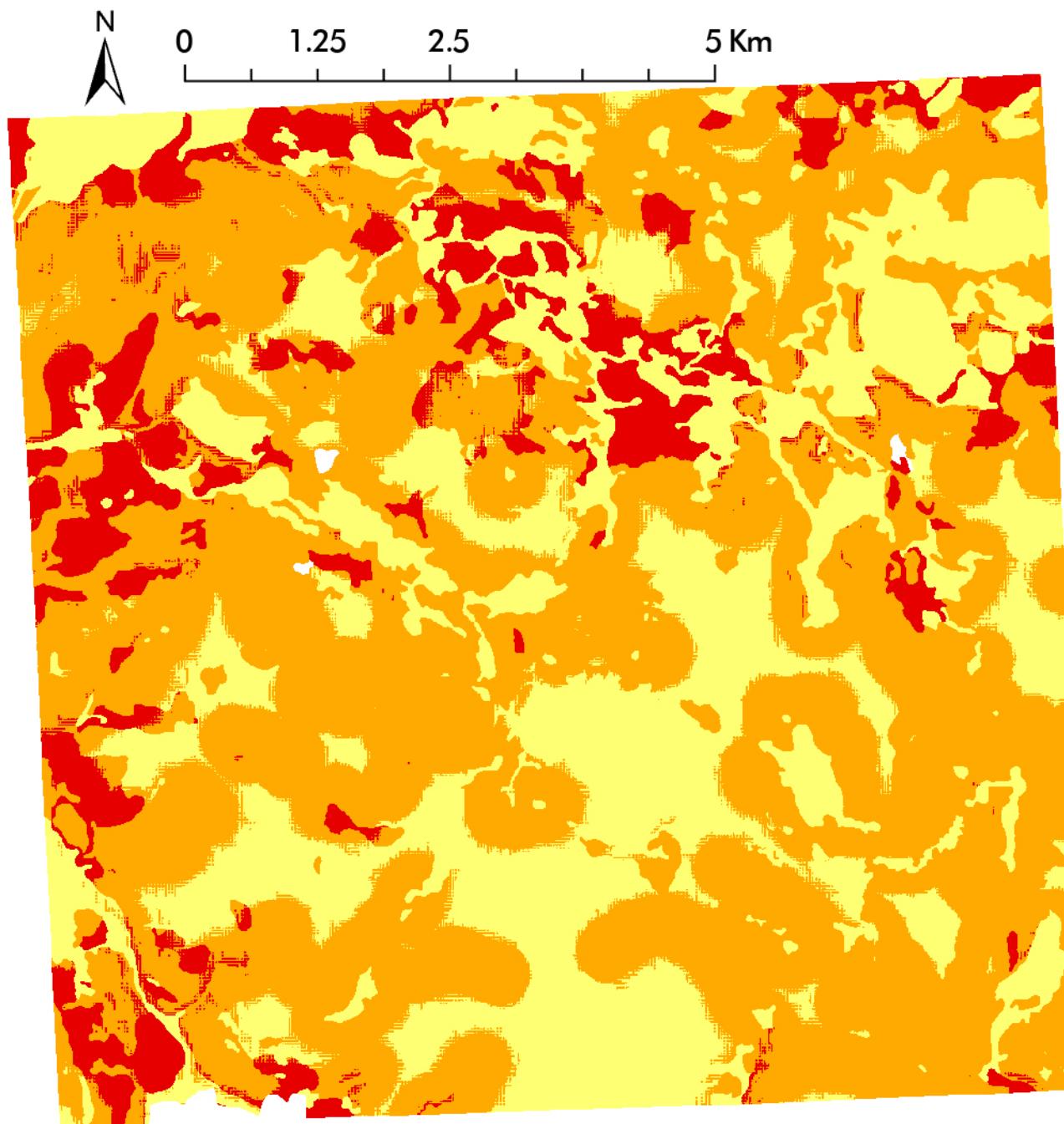


Webster Township Water Contamination Risk Analysis



The goal of this risk analysis is to identify which areas in Webster Township are most vulnerable to surface and groundwater contamination. This risk index combines soil texture, elevation, and proximity to water into a weighted average. Soil texture, weighted 40%, determines the rate of percolation of water into the groundwater, elevation (20%) affects the rate of lateral movement, and proximity to water (40%) determines how much movement is required to get water into surface water bodies.

Risk Index

- Low (0-50%)
- Moderate (50-70%)
- High (70-100%)

Karen Wang, 10/24/25
NAD 1927 StatePlane Michigan South FIPS
2113; Lambert Conformal Conic
Sources: Southeastern Michigan Council of
Governments, State of Michigan GIS Open
Data Portal