

Figure 32. Map of channel cross section width changes between 1938 and 1993, overlain on historical channel geometry maps.



Figure 33. Image showing significant recent bank erosion just downstream of the Rapid River confluence with Torch River.



Figure 34. Image further downstream from Figure 33, in the middle Torch River. Visible is the completely armored bank of a wooden seawall.



Figure 35. Image of a house on the north bank of the lower Rapid River, formerly set significantly back from the river but experiencing significant modern erosion. Other docks are visible, with homes set back far enough that they lie beyond the tree line.

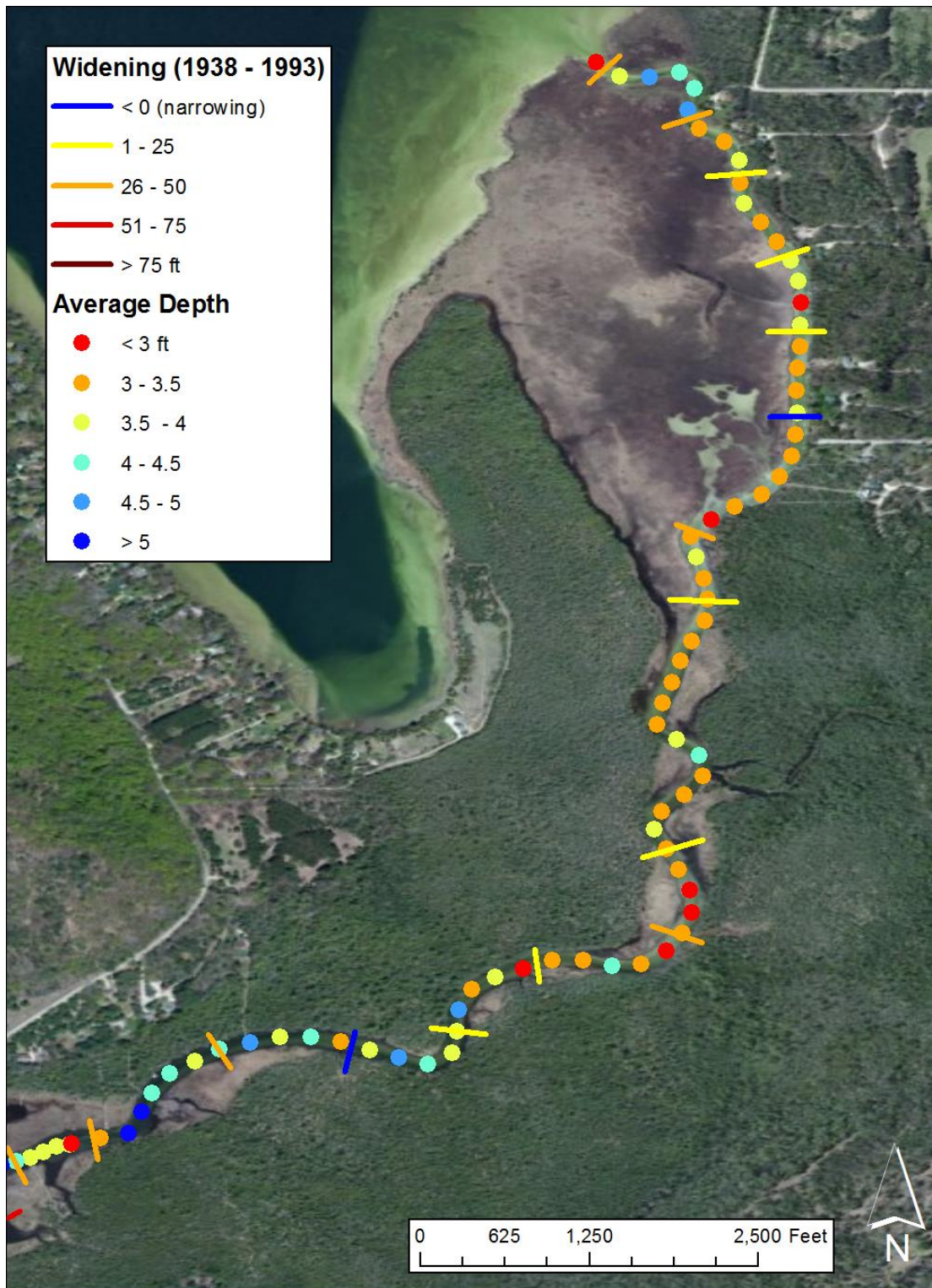


Figure 36. Map of average channel depths along the Grass River with historical channel width changes overlain.

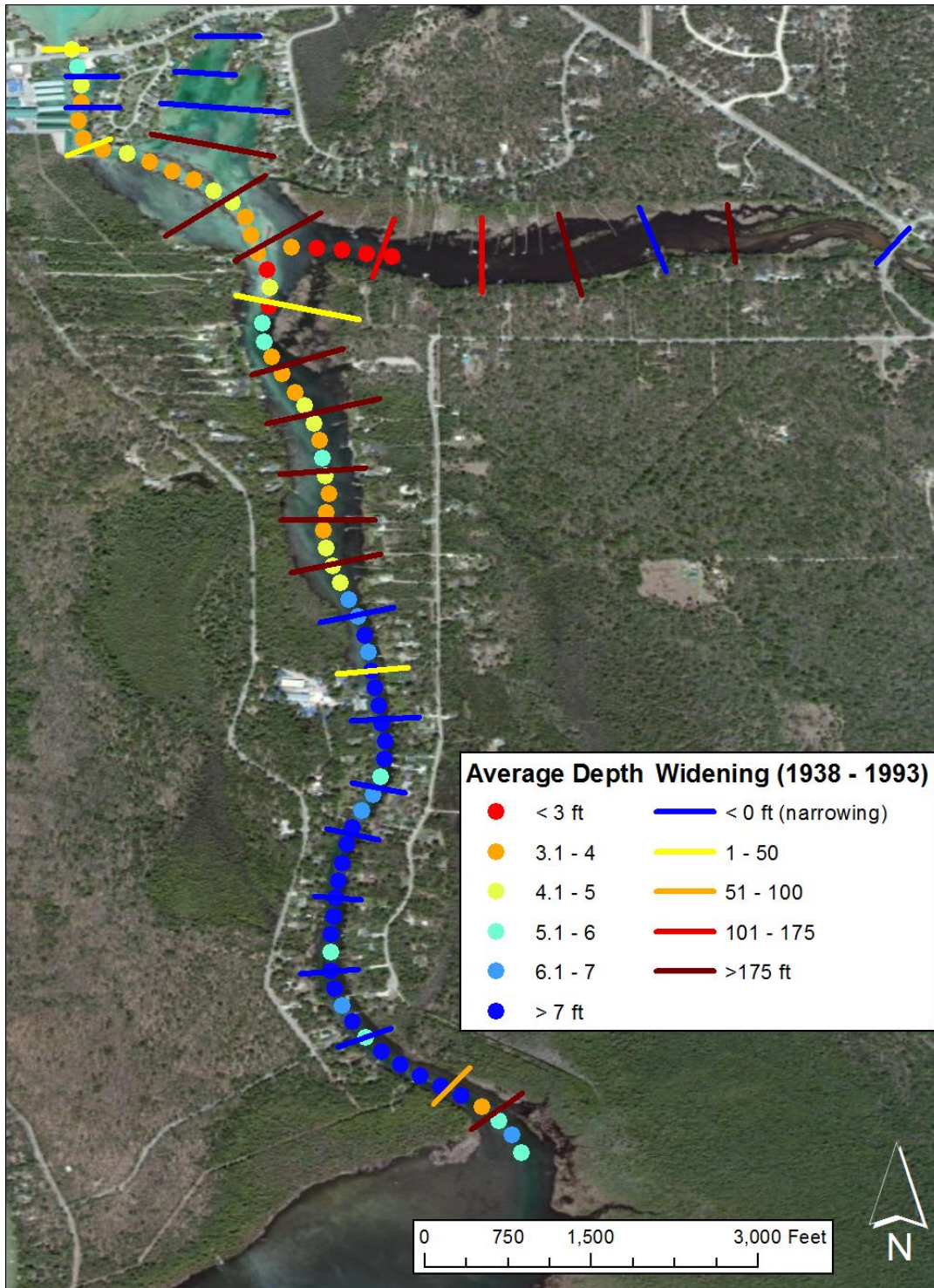


Figure 37. Map of average channel depths along the Torch and lower Rapid Rivers with historical channel width changes overlain.

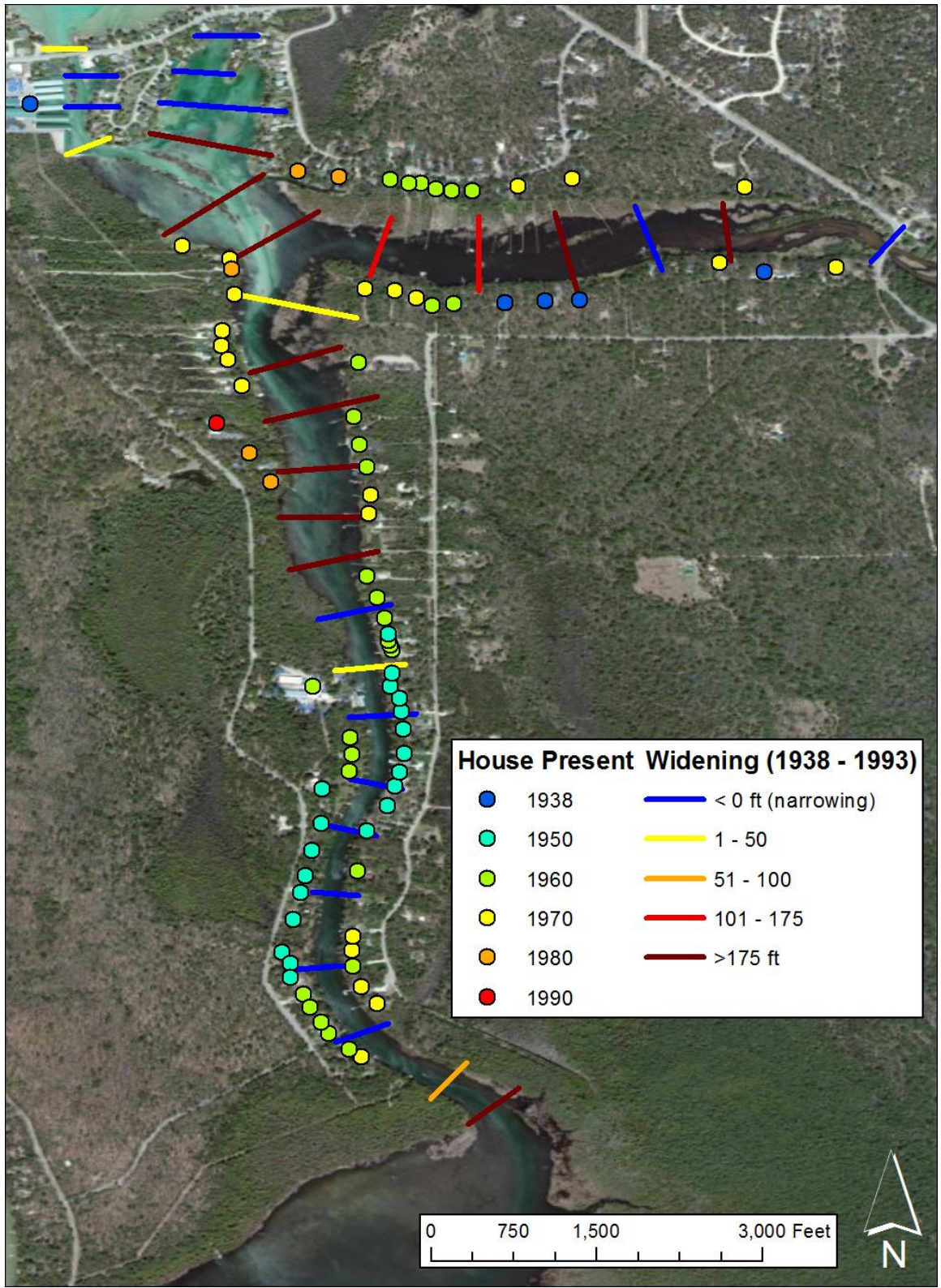


Figure 38. Map of year built vs. width change

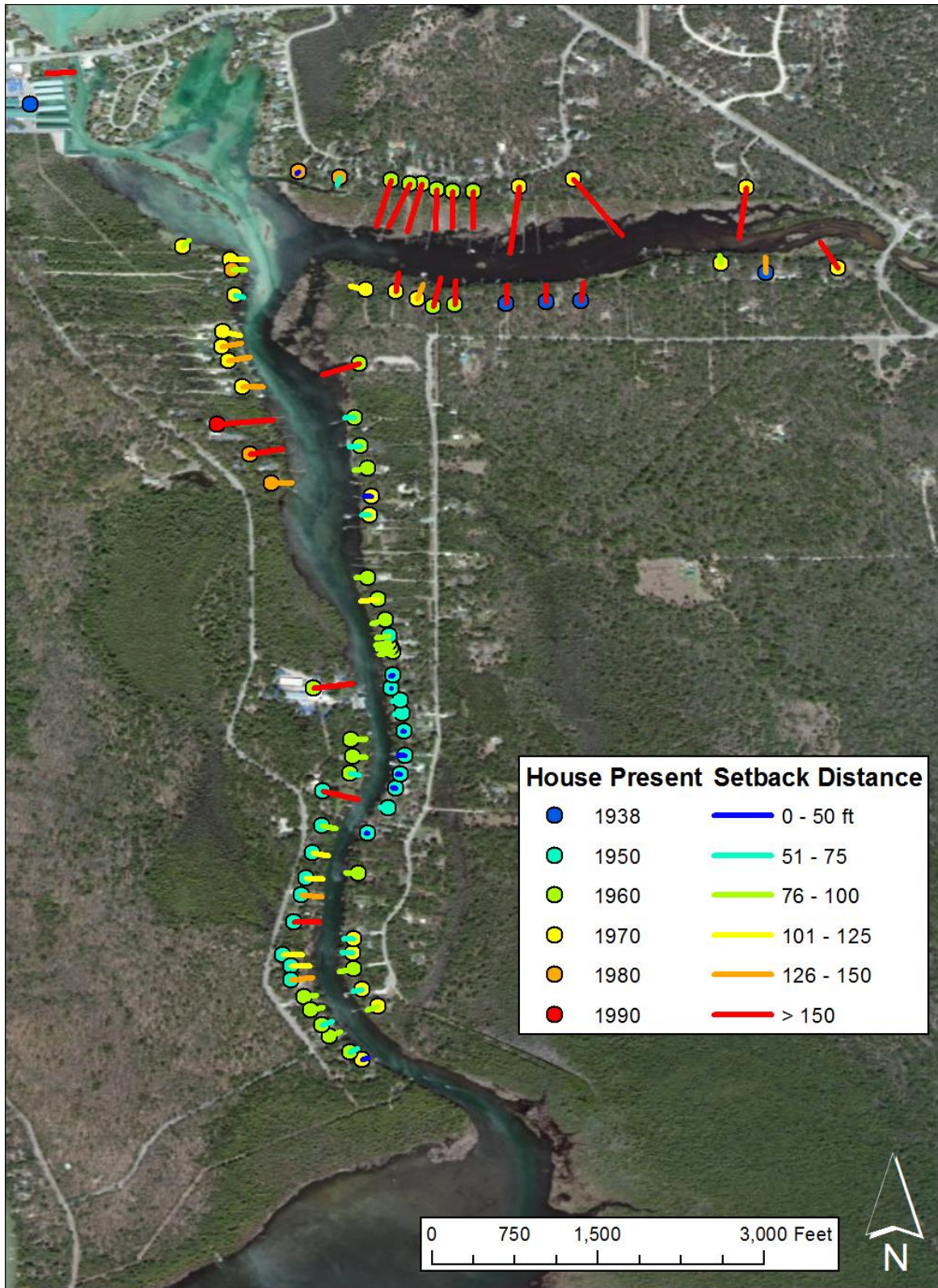


Figure 39. Map of house setback versus year built.





Figure 40. Image of the grassy banks of the Grass River.