

Figure 3-167

Orange County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

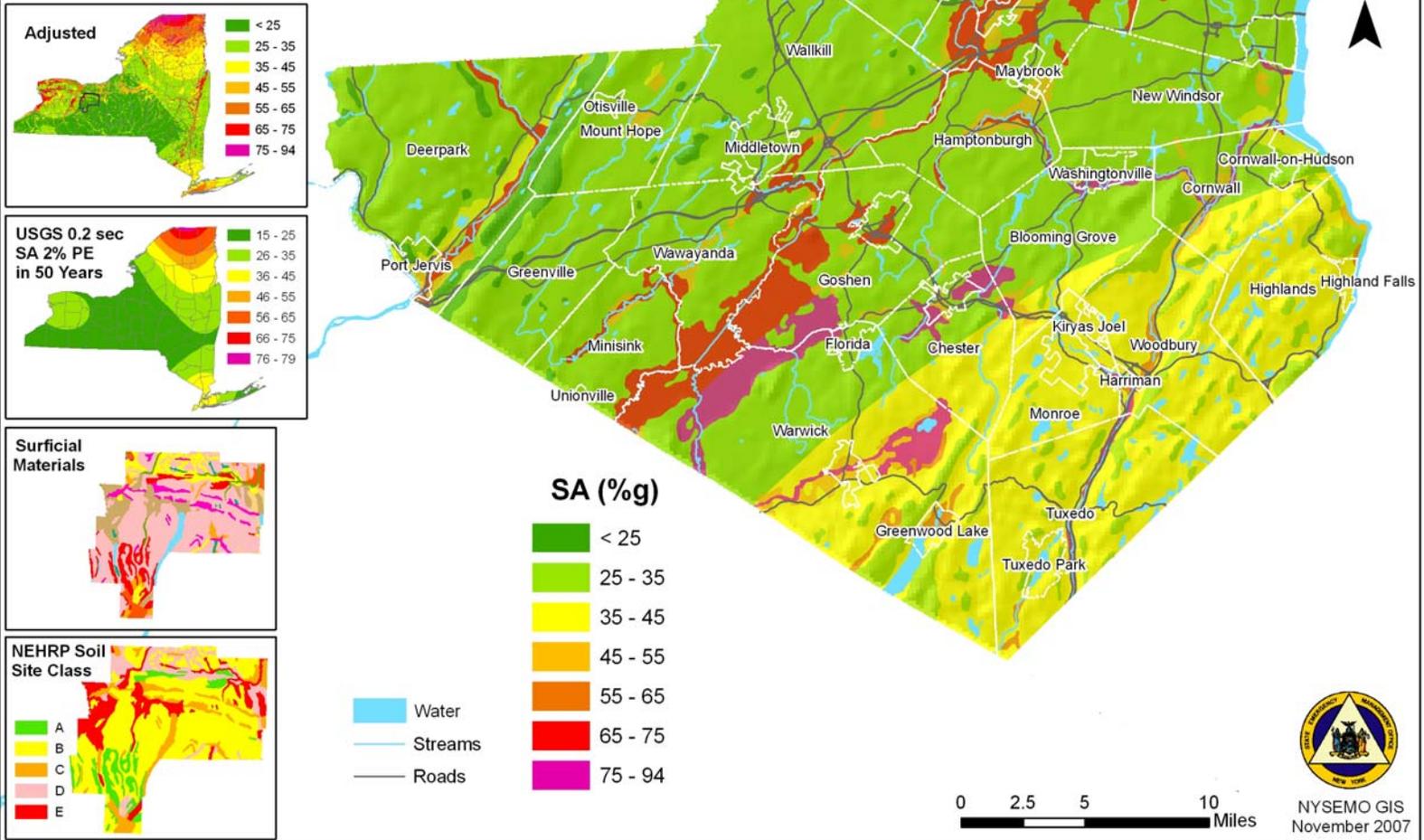


Figure 3-168

Orleans County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

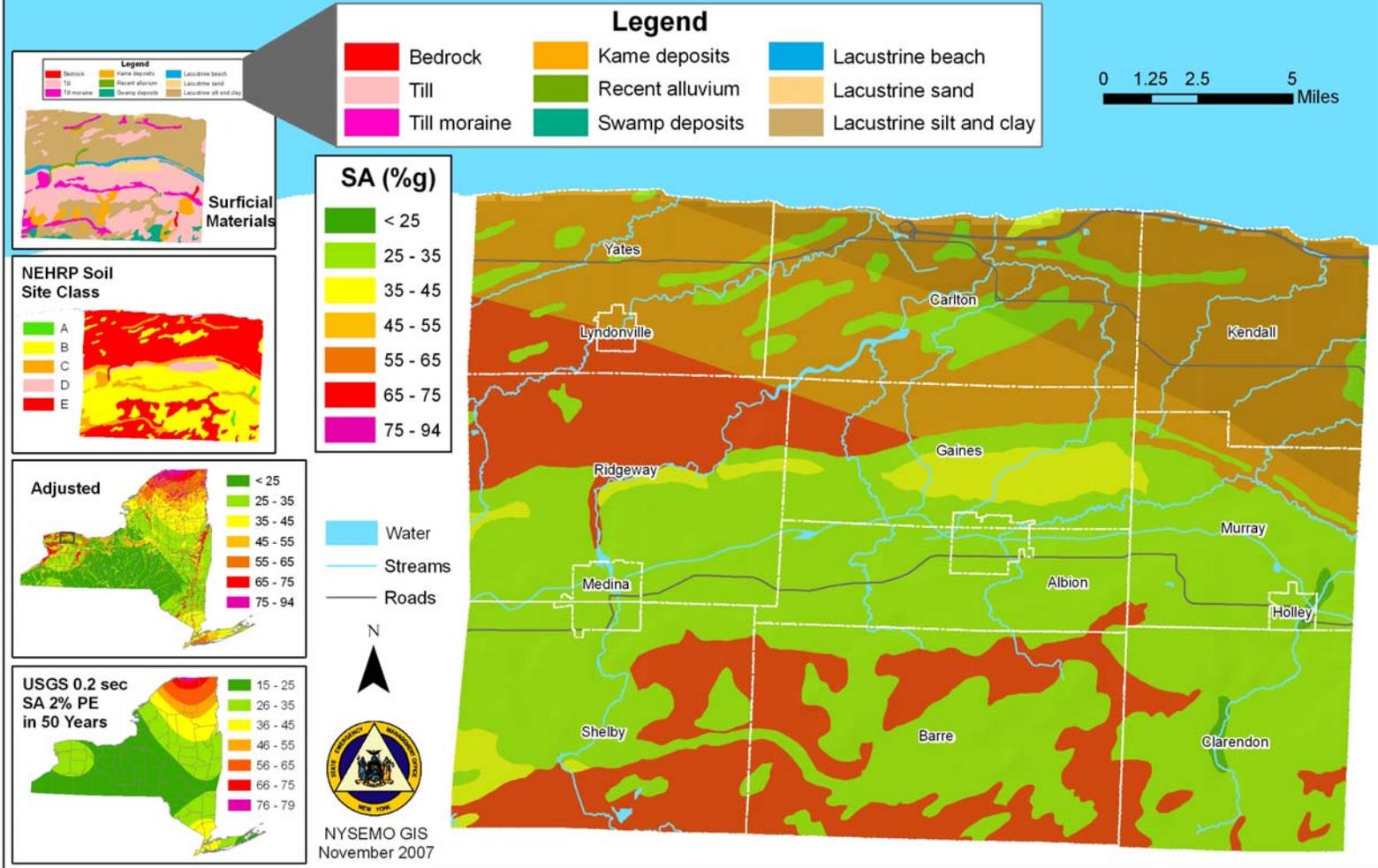


Figure 3-169

Oswego County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

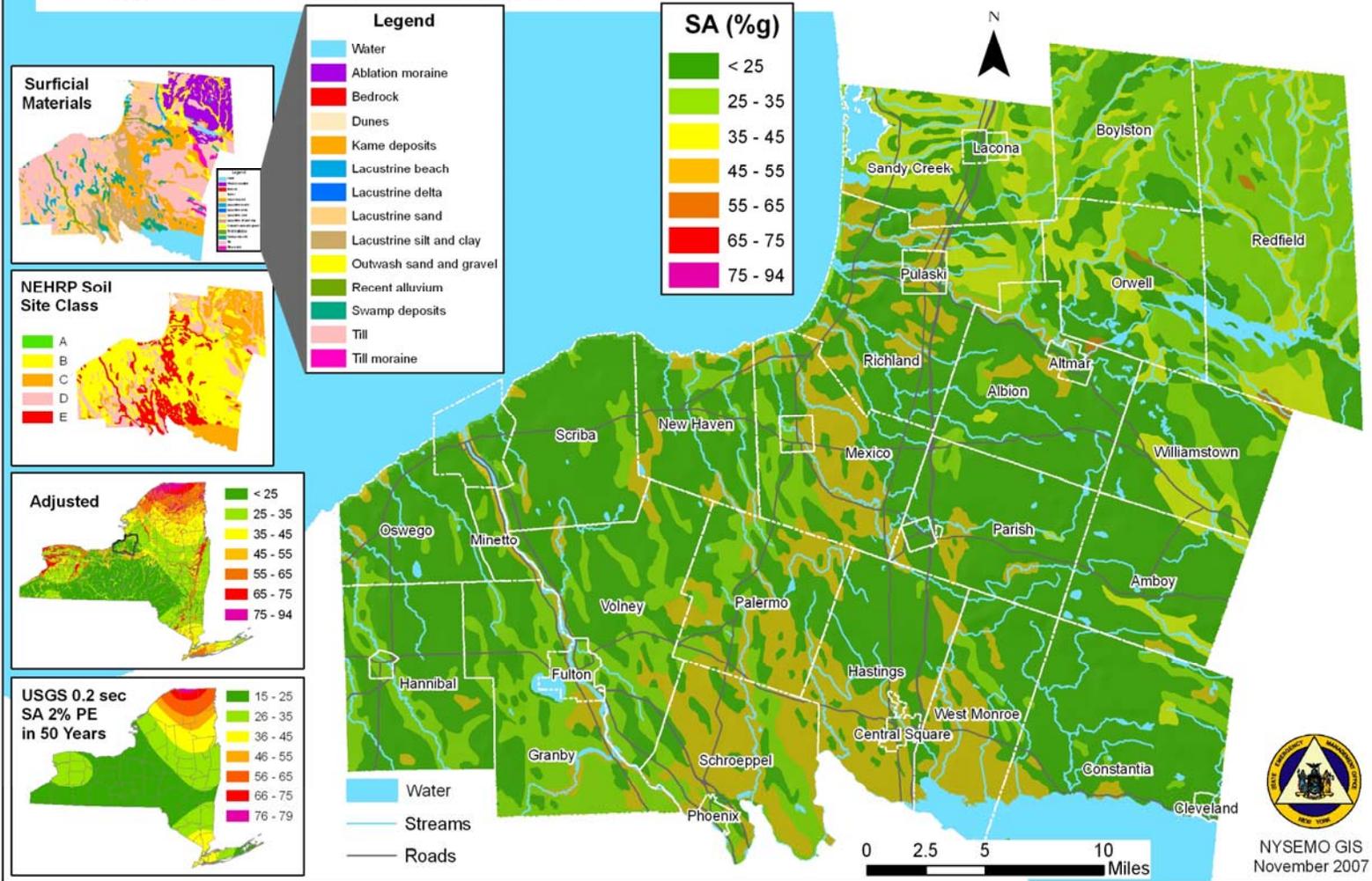


Figure 3-170

Otsego County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

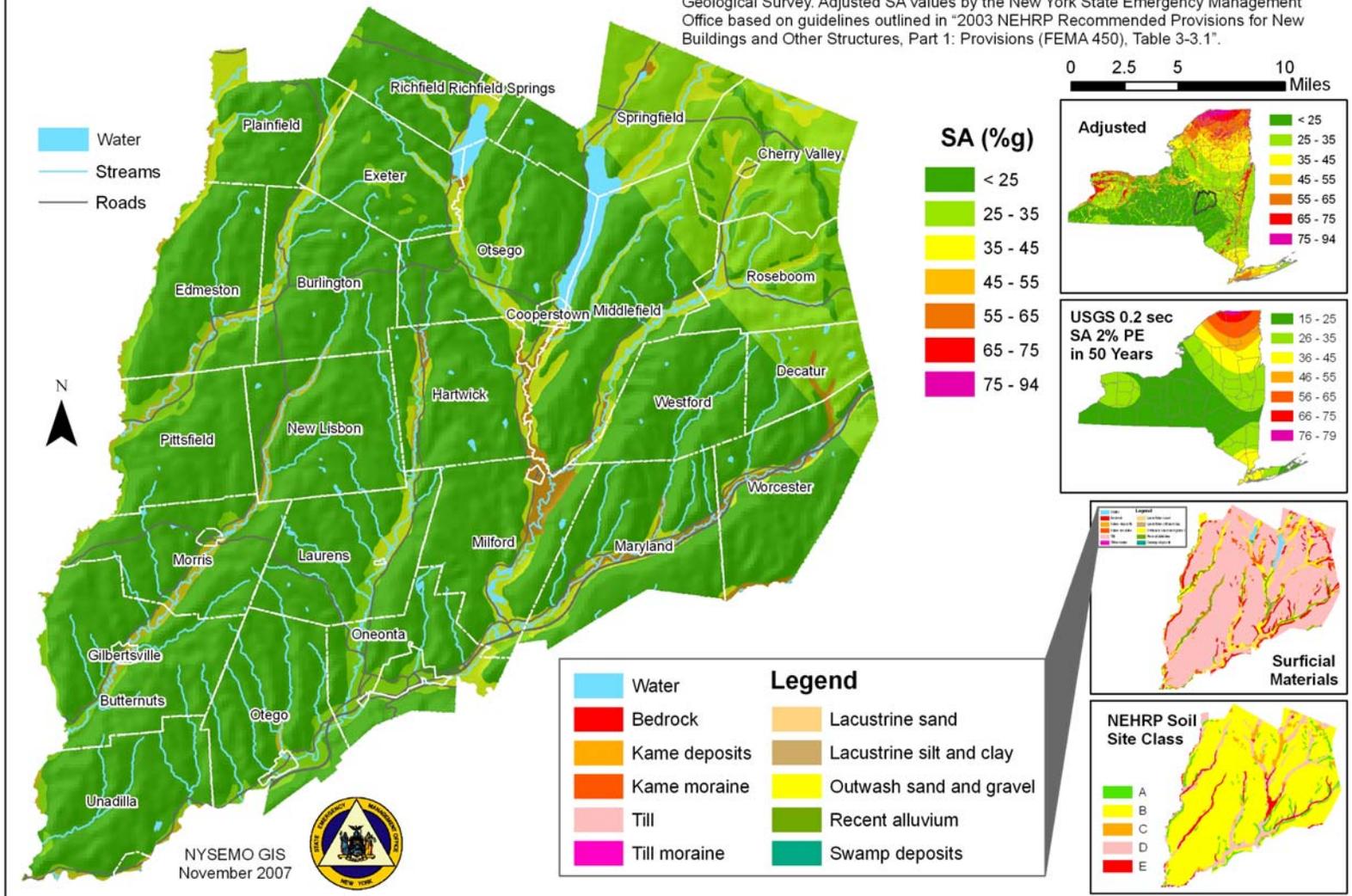


Figure 3-171

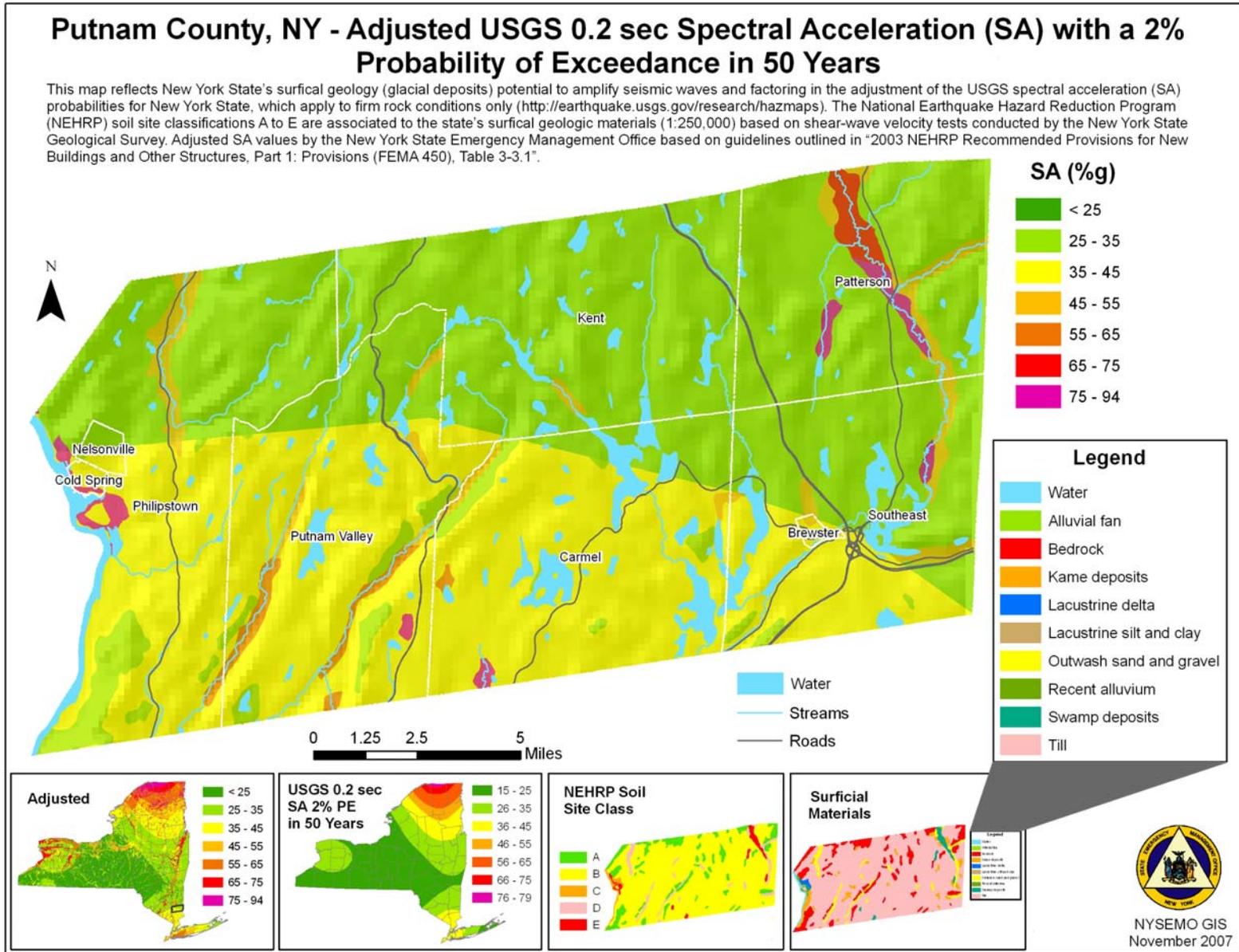


Figure 3-172

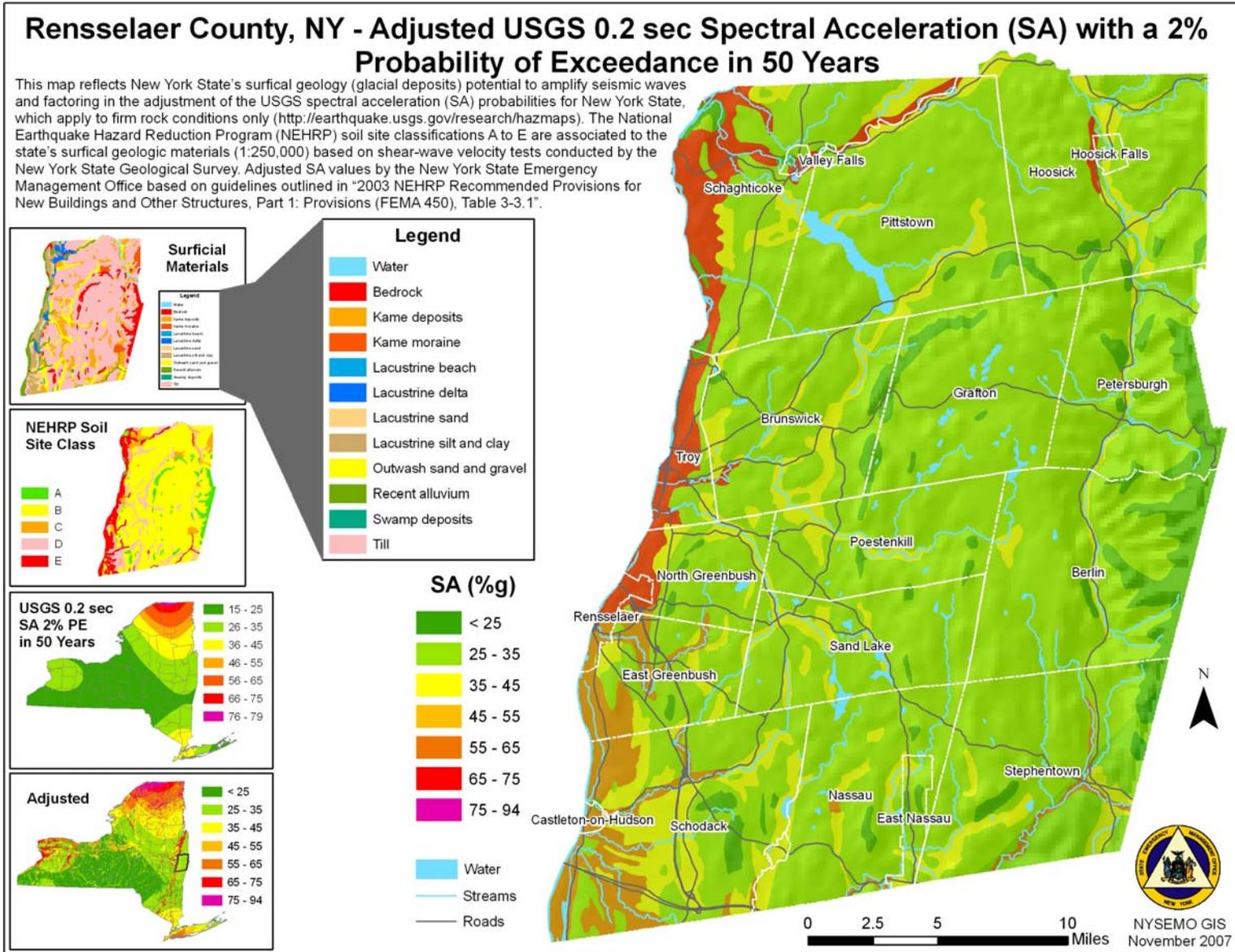


Figure 3-173

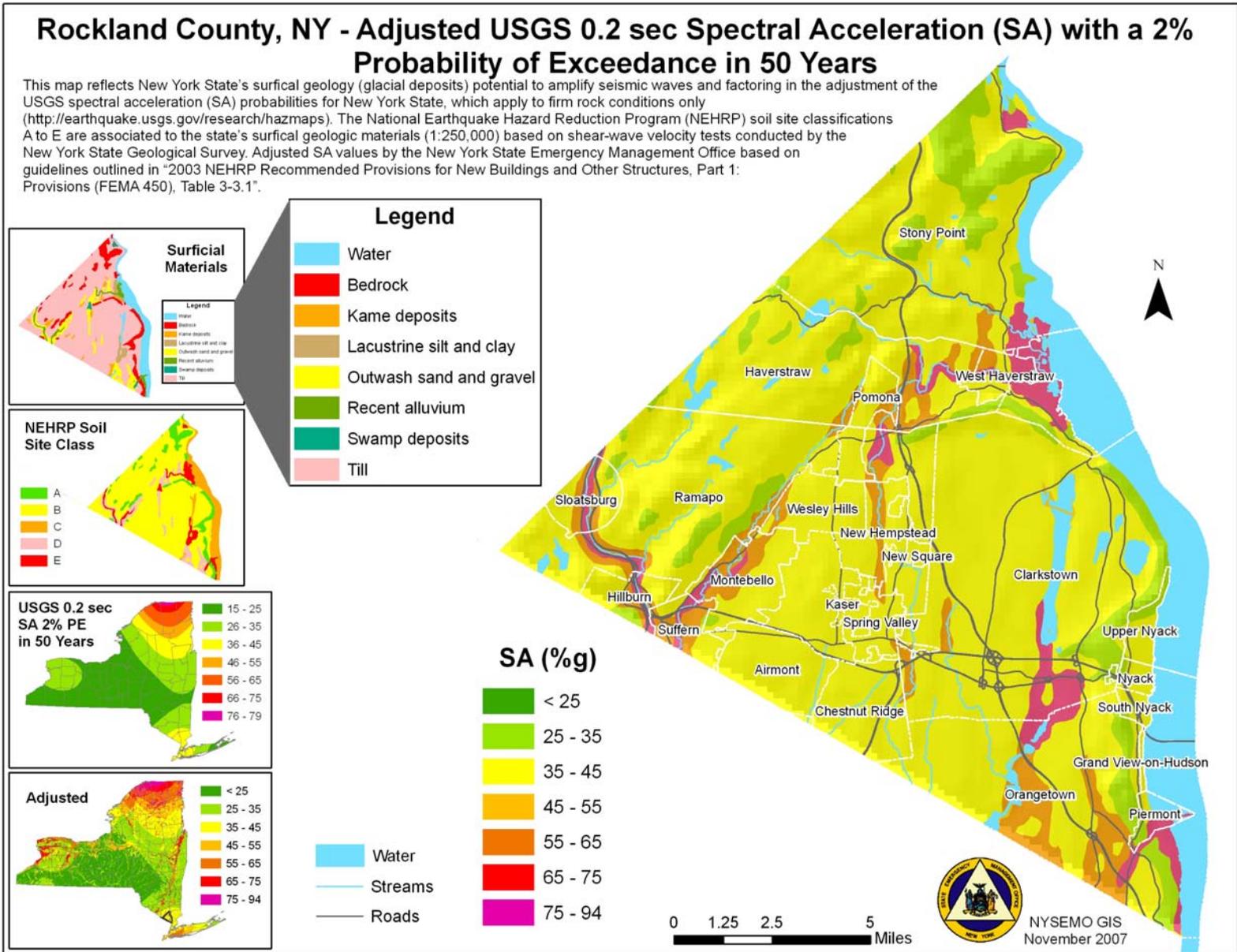


Figure 3-174

Saratoga County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

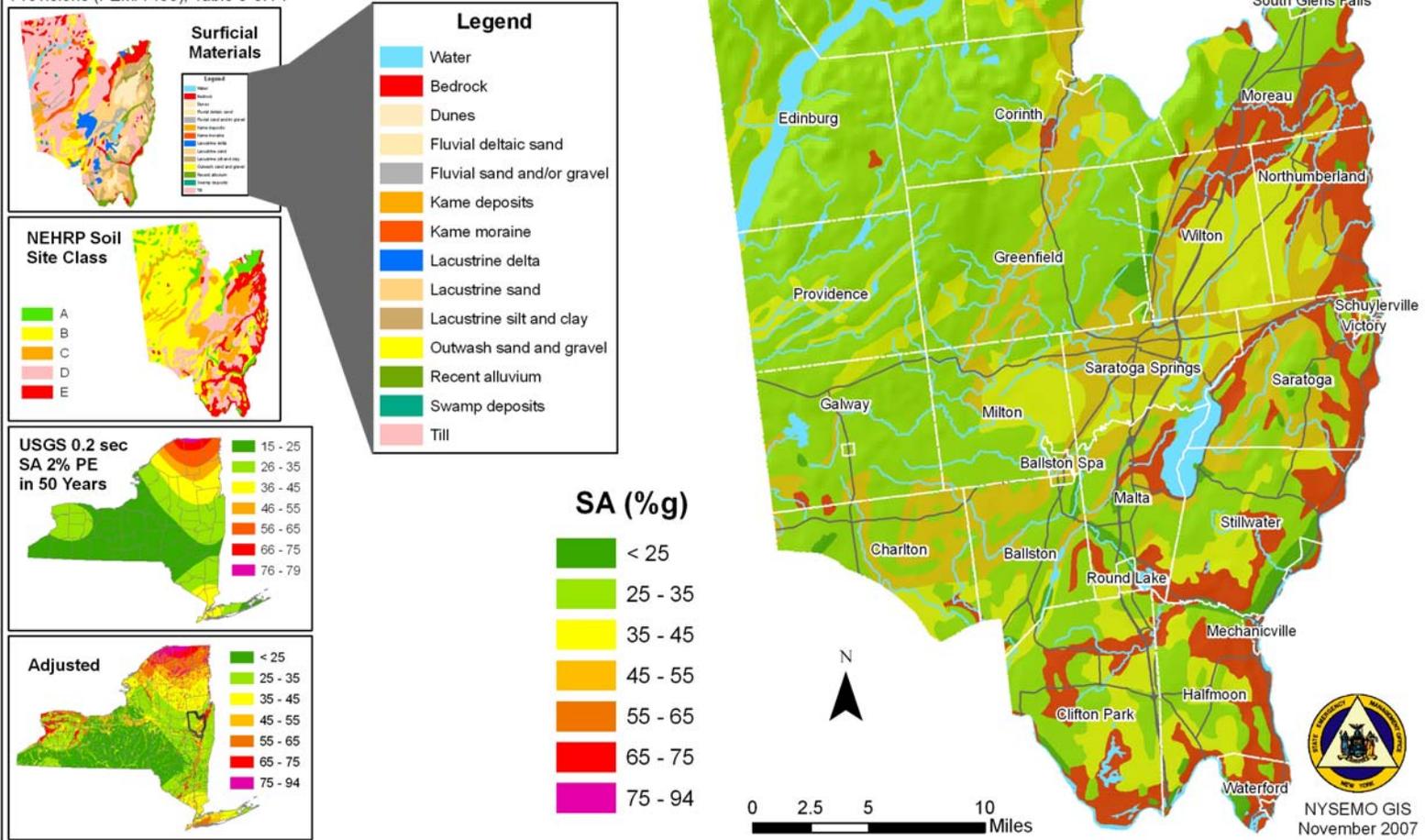
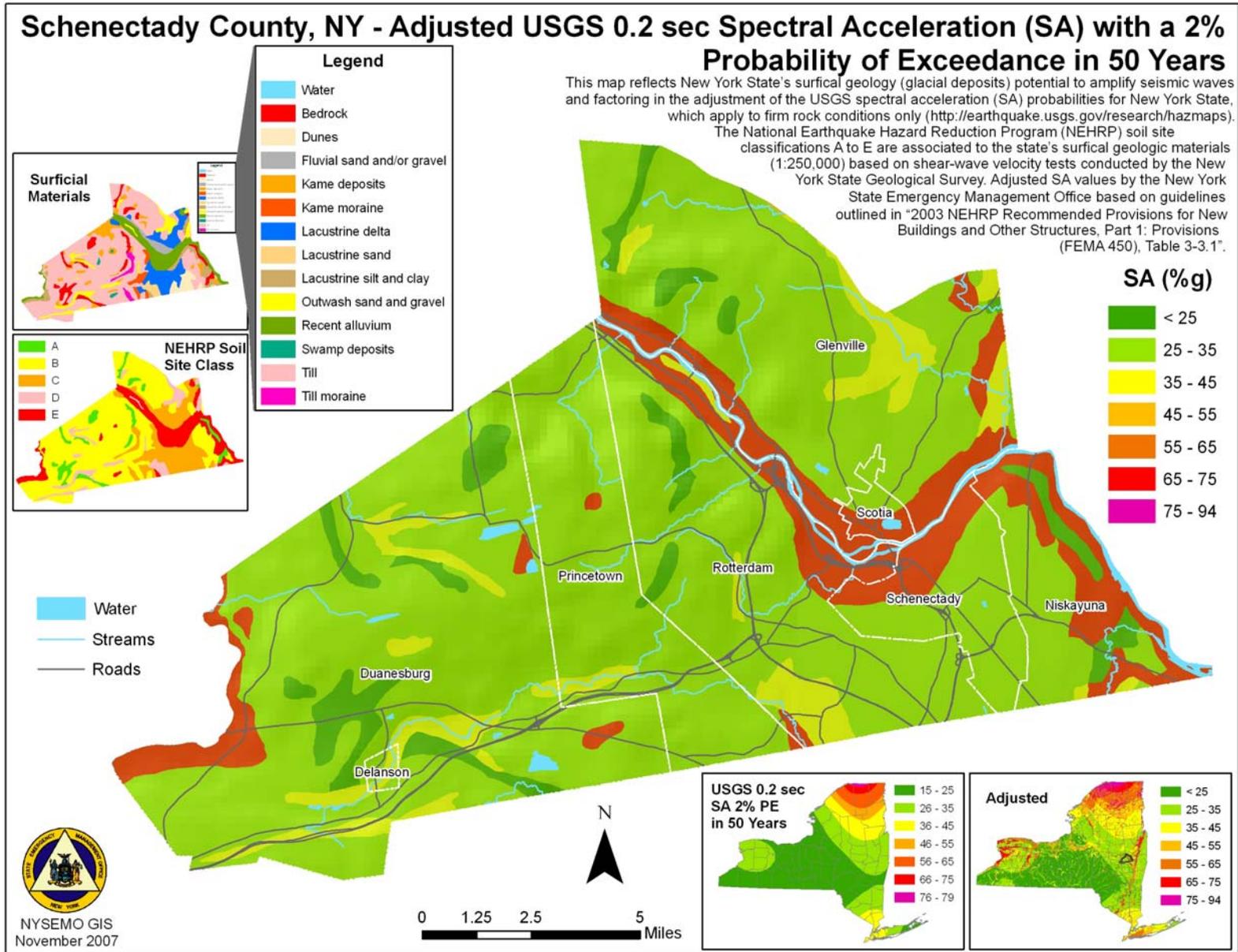


Figure 3-175



0 1.25 2.5 5 Miles

NYSEMO GIS
November 2007

Figure 3-176

Schoharie County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

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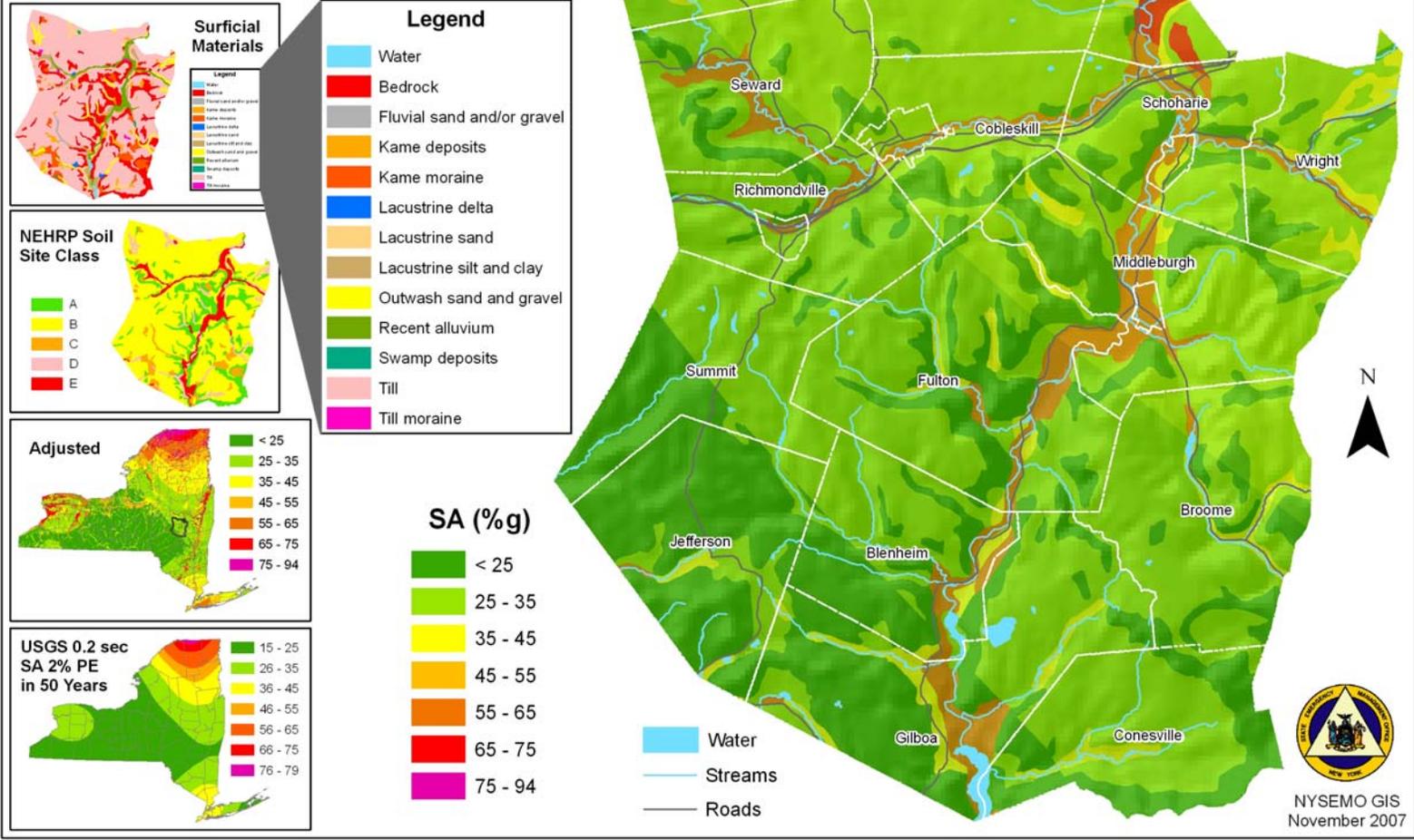


Figure 3-177

Schuyler County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

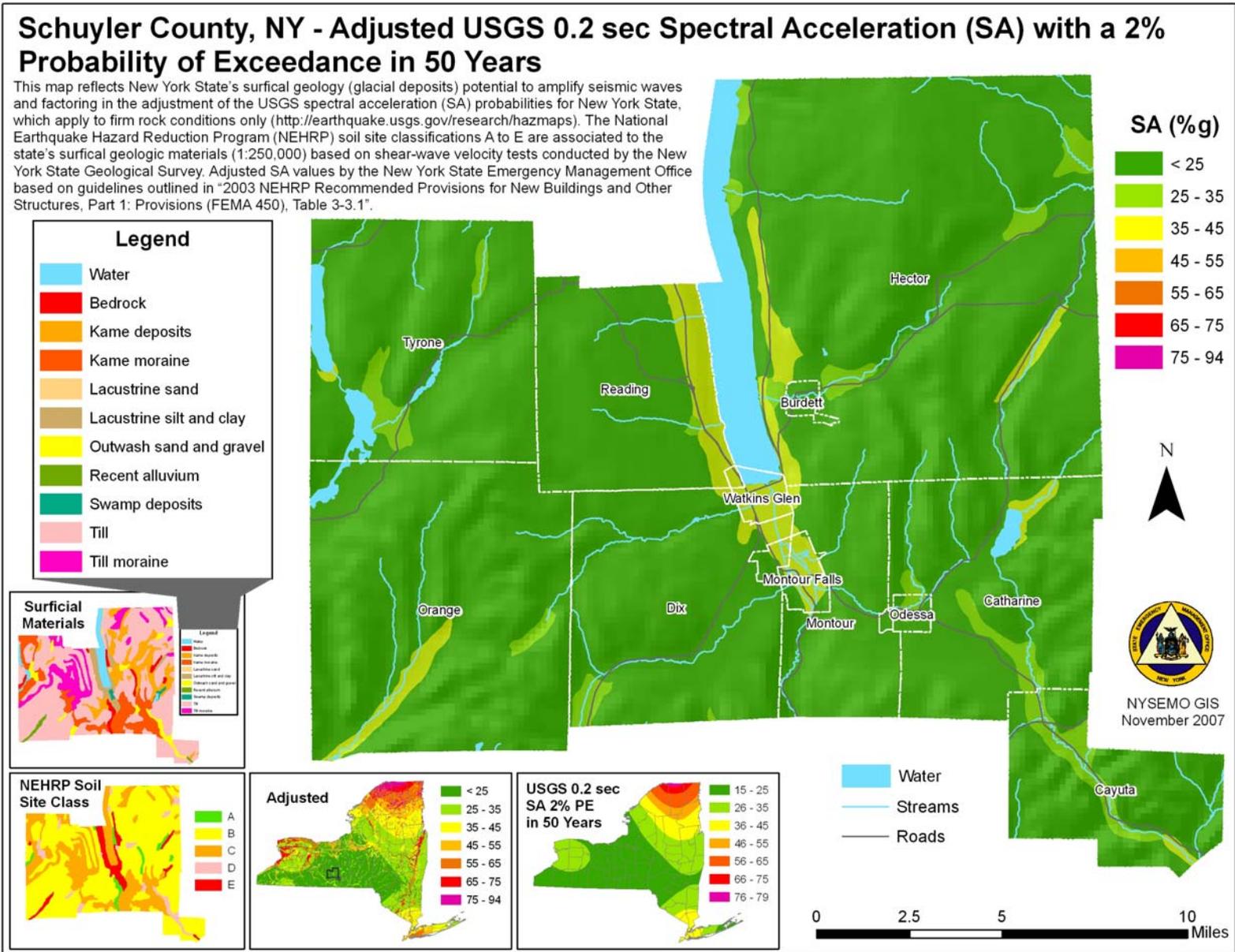


Figure 3-178

Seneca County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

