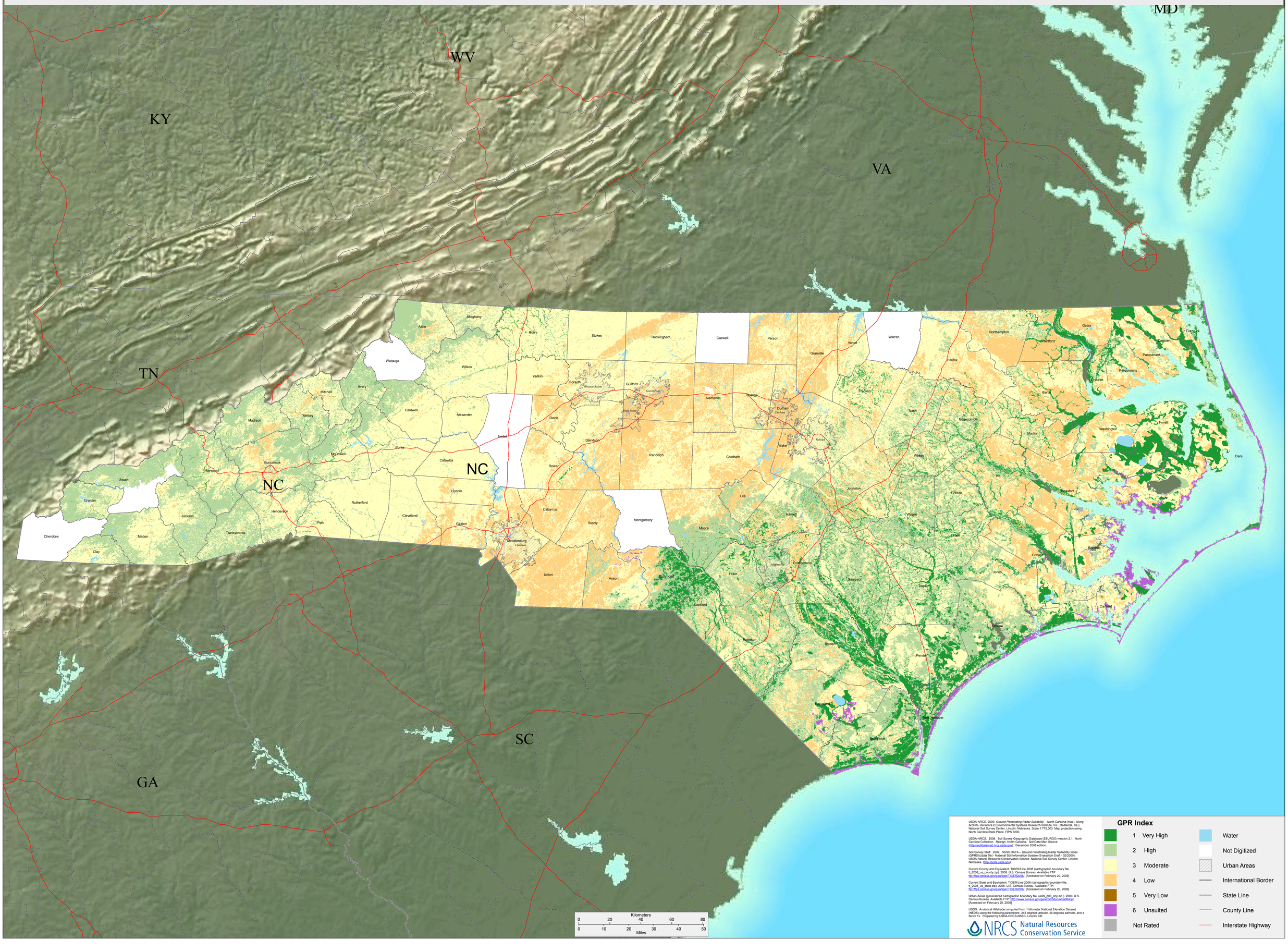
GPR SUITABILITY MAP - NORTH CAROLINA



USDA-NRCS. 2009. *Ground Penetrating Radar Suitability – North Carolina* (map). Using ArcGIS, Version 9.2 (Environmental Systems Research Institute, Inc., Redlands, Ca.). National Soil Survey Center, Lincoln, Nebraska. Scale 1:775,000. Map projection using North Carolina State Plane, FIPS 3200.

USDA-NRCS. 2008. Soil Survey Geographic Database (SSURGO) version 2.1. North Carolina Collection. Raleigh, North Carolina. Soil Data Mart Source (http://soildatamart.nrcs.usda.gov). December 2009 edition.

Soil Survey Staff. 2009. NSSC DATA – Ground Penetrating Radar Suitability Index (GPRSI) [data file] - National Soil Information System (Evaluation Draft - 02/2009). USDA Natural Resource Conservation Service, National Soil Survey Center, Lincoln, Nebraska. (http://soils.usda.gov).

Current County and Equivalent, TIGER/Line 2008 (cartographic boundary file, fl_2008_us_county.zip). 2008. U.S. Census Bureau. Available FTP: ftp://ftp2.census.gov/geo/tiger/TIGER2008/. [Accessed on February 20, 2009]

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Urban Areas (generalized cartographic boundary file, ua99_d00_shp.zip). 2000. U.S. Census Bureau. Available FTP: http://www.census.gov/geo/cob/bdy/ua/ua00shp/. [Accessed on February 20, 2009]

USGS. Analytical Hillshade computed from 1 kilometer National Elevation Dataset (NED) using the following parameters: 315 degrees altitude, 45 degrees azimuth, and z factor 1x. Prepared by USDA-NRCS-NSSC, Lincoln, NE.

NRCS Natural Resources Conservation Service

GPR Index

1	Very High	Water	
2	High	Not Digitized	
3	Moderate	Urban Areas	
4	Low	International Border	
5	Very Low	State Line	
6	Unsuited	County Line	
	Not Rated	Interstate Highway	