GPR SUITABILITY MAP - TENNESSEE

IN
IL
KY
WV
VA
MO
AR
MS
AL
GA
NC
SC

Evansville
Owensboro
Louisville
Lexington-Fayette
Bowling Green
Hopkinsville
Clarksville
Memphis
West Memphis
Blytheville
Jackson
Florence
Huntsville
Decatur
Tupelo
Columbus
Gadsden
Birmingham
Tuscaloosa
Bessemer
Hoover
Atlanta
Sandy Springs
Chattanooga
Knoxville
Johnson City
Kingsport
Greenville
Spartanburg
Anderson
Murfreesboro
Nashville-Davidson

Lake
Obion
Weakley
Dyer
Gibson
Carroll
Crockett
Lauderdale
Tipton
Haywood
Madison
Henderson
Chester
Shelby
Fayette
Hardeman
McNairy
Hardin
Benton
Henry
Stewart
Montgomery
Robertson
Houston
Humphreys
Dickson
Cheatham
Davidson
Sumner
Wilson
Trousdale
Macon
Smith
Clay
Pickett
Jackson
Overton
Putnam
Fentress
DeKalb
White
Cumberland
Scott
Morgan
Anderson
Campbell
Claiborne
Union
Grainger
Knox
Hancock
Hawkins
Hamblen
Jefferson
Sullivan
Washington
Greene
Unicoi
Johnson
Carter
Cocke
Sevier
Blount
Loudon
Roane
Monroe
McMinn
Meigs
Rhea
Bledsoe
Warren
Van Buren
Cannon
Coffee
Bedford
Marshall
Maury
Lewis
Wayne
Lawrence
Giles
Hickman
Perry
Williamson
Rutherford
Grundy
Sequatchie
Moore
Lincoln
Franklin
Marion
Hamilton
Bradley
Polk

Kilometers
0 20 40 60 80
0 10 20 30 40 50
Miles

USDA-NRCS. 2009. *Ground Penetrating Radar Suitability – Tennessee* (map). Using ArcGIS, Version 9.2 (Environmental Systems Research Institute, Inc., Redlands, Ca.) National Soil Survey Center, Lincoln, Nebraska. Scale 1:750,000. Map projection using Tennessee State Plane, FIPS 4100, North American Datum 1983.

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USGS. Analytical Hillshade computed from 1 kilometer National Elevation Dataset (NEDS) 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	