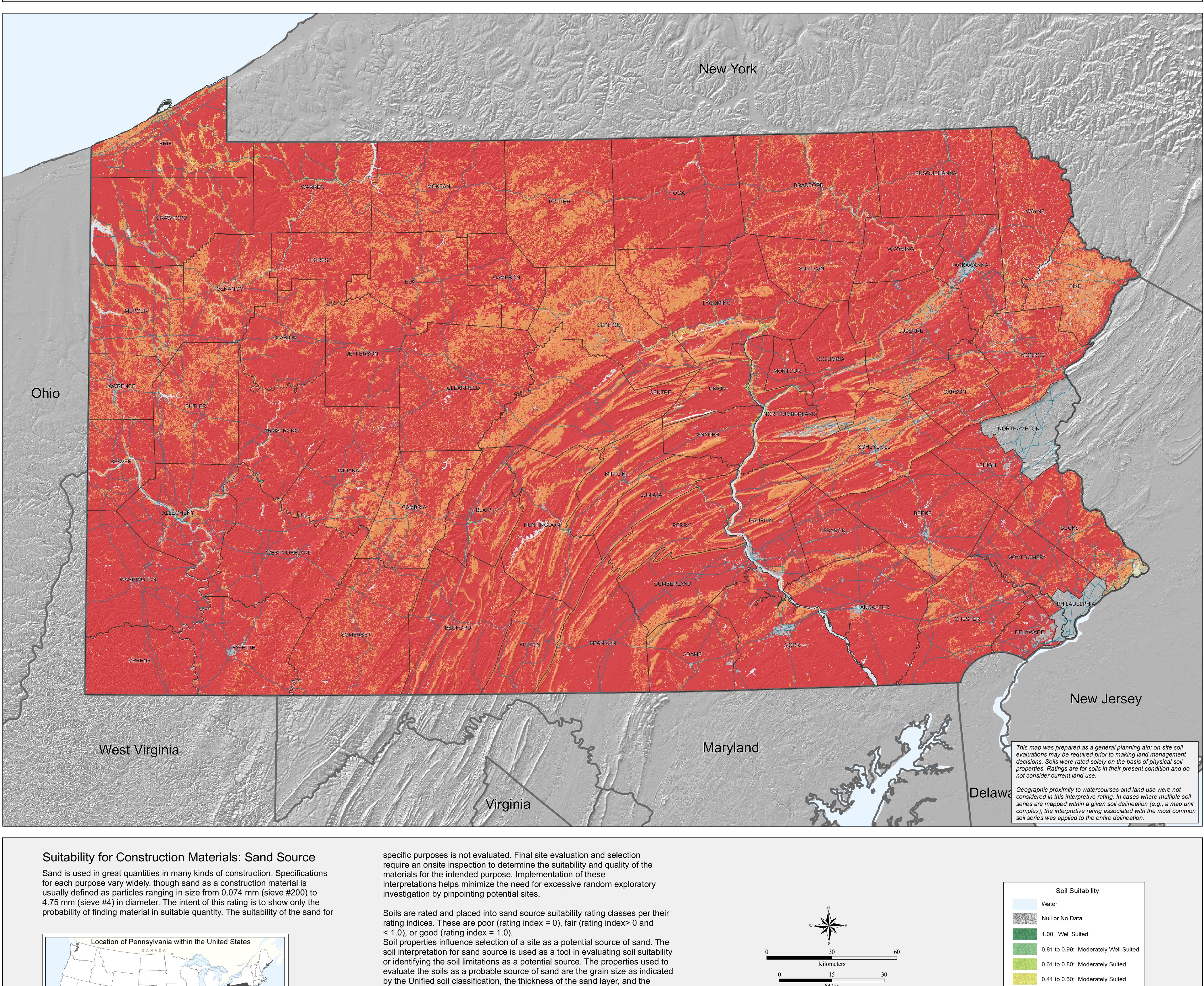
Suitability for Construction Materials: Sand Source - Pennsylvania (2008)





Soil Survey Staff. 2007. Construction Materials; Sand Source Interpetation-National Soil Information System (07/16/2007). USDA Natural Resource Conservation Service, National Soil Survey Center, Lincoln, Nebraska. (http://soils.usda.gov).

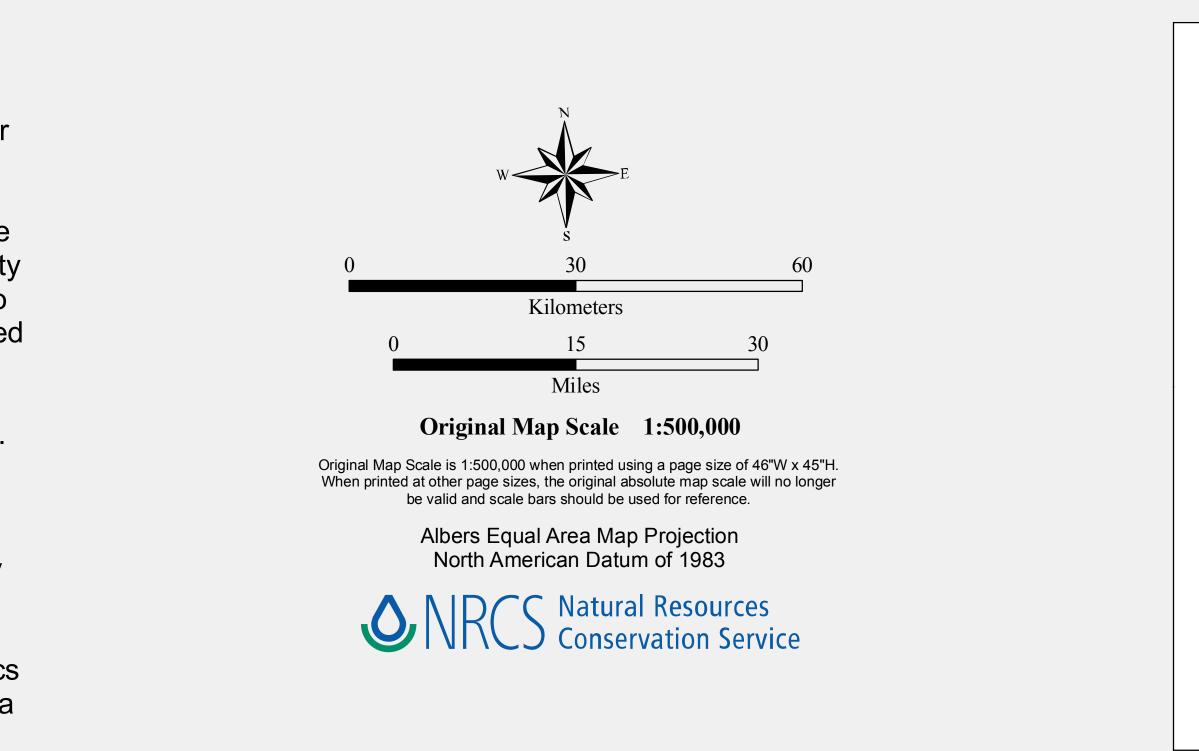
USGS. Analytical Hillshade computed from 30 meter National Elevation Dataset (NEDS) using the following parameters: 315 degrees altitude, 45 degrees azimuth, and z factor 1x. Prepared by USDA-NRCS-NGDC, Morgantown, WV.

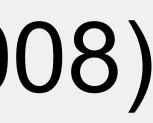
USDA-NRCS Staff. 2003. County Boundaries derived from 1:100,000 (Bureau of Census – TIGER) source as provided by C. Lloyd, USDA-NRCS, Information Technology Center, Fort Collins, CO. USDA-NRCS. 2008. Soil Survey Geographic Database (SSURGO) version 2.1. Pennsylvania Collection. Harrisburg, PA. Soil Data Mart Source (http://soildatamart.nrcs.usda.gov). Fiscal Year 2008, second quarter edition.

Sources: ESRI. 1992. 1:3,000,000 Oceans. ArcWorld. ESRI - Redlands, CA. National Atlas (http://www.nationalatlas.gov/). Roads. (09/2005). National Atlas (http://www.nationalatlas.gov/). State Boundaries. (03/2007)

amount of rock fragments in the soil material. If the lowest layer of the soil contains sand, the soil is rated as a probable source regardless of thickness.

Soil survey interpretations for construction materials are designed to provide guidance to users in selecting the site of a potential source. Soils may be selected as potential source materials because they are nearby, are the only source available, or meets some or all of the physical or chemical properties required for the intended application. In theory, every soil may be used as source materials, but in reality, only a few soils have the profile characteristics that meet the defined criteria and performance requirements when rated for a specific propose. The use of rating guides can provide the user a means to select potential sites for further evaluation.





0.21 to 0.40: Moderately Suited

0.00: Poorly Suited

State Boundaries

County Boundaries

Roads

Hillshade

CLAY

0.01 to 0.20: Somewhat Poorly Suited