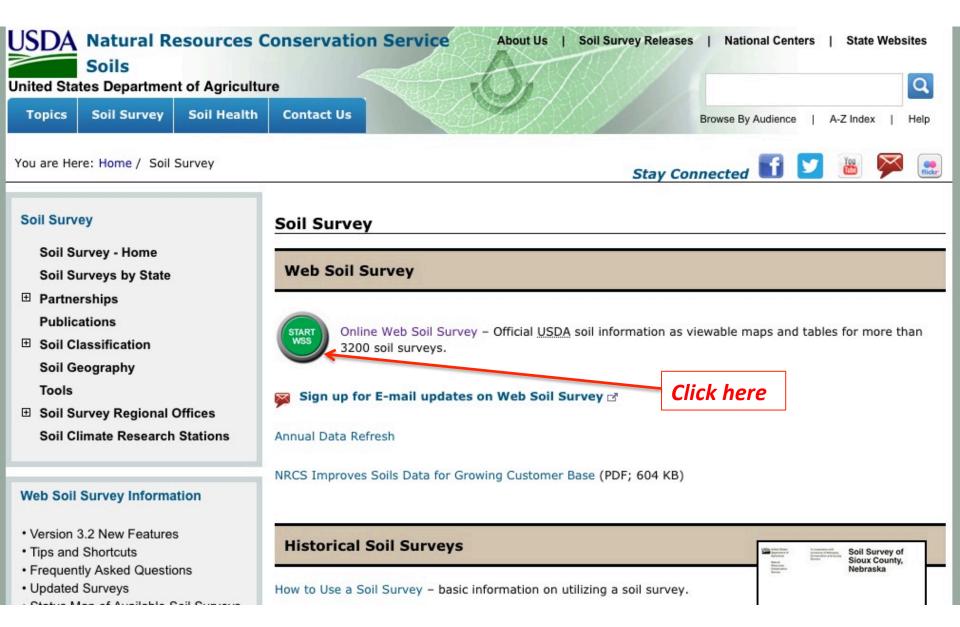
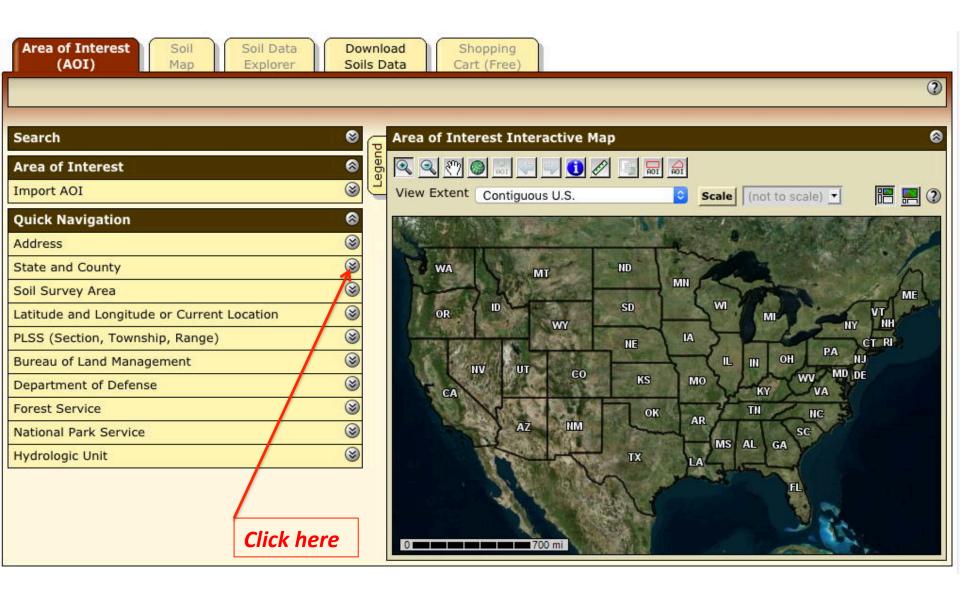
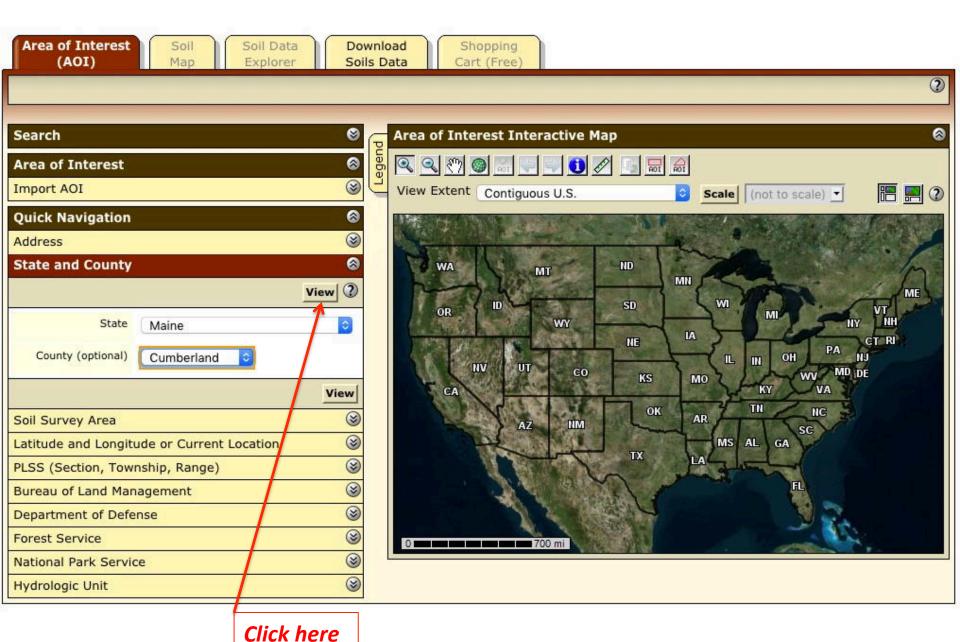
STEP 1: https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/survey/



STEP 2: Select your State and County



STEP 3: Click "View" button



STEP 4: Zoom in to your project area using the magnifying glass; map will zoom, then use the "AOI" tool to draw a boundary around your project area. **Area of Interest** Soil Data Download Shoppin (AOI) Soils Data Map volorer Area of Interest Interactive Map Search 8 **Area of Interest** 8 Import AOI View Extent | Contiguous U.S. Scale (not to scale) -8 **Quick Navigation** Whitefield 8 Address Kerr bec Oxford Lovell 8 **State and County** Richm ond Andre coggir Oxford Bridgton 2 View 86 2 Libon Falls Conway 302 State Maine County (optional) Cumberland Carroll Freeport Camberland View Ke zar Falls

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Soil Survey Area

Forest Service

Hydrologic Unit

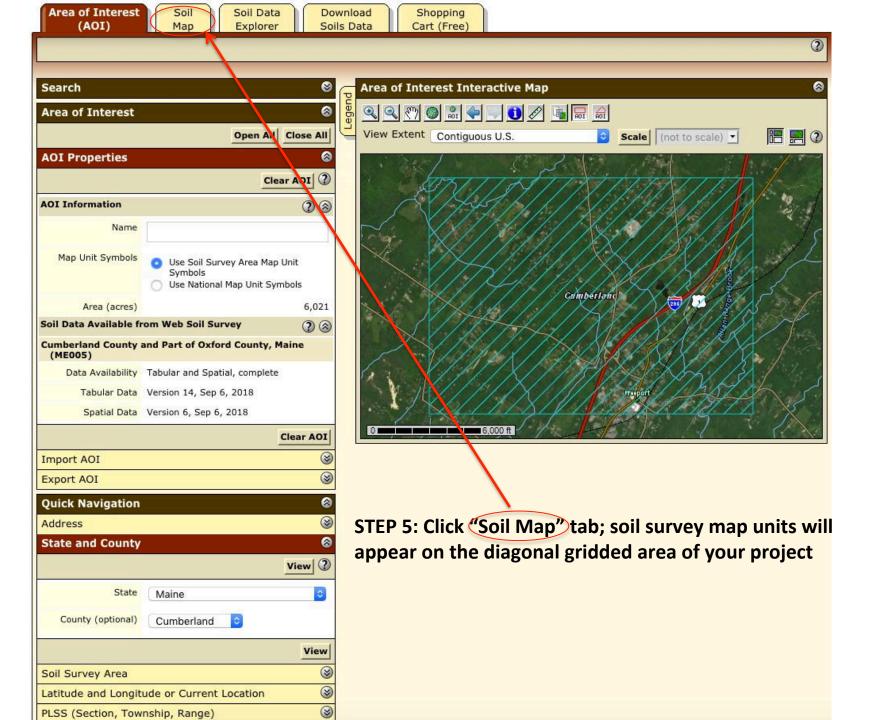
Latitude and Longitude or Current Location

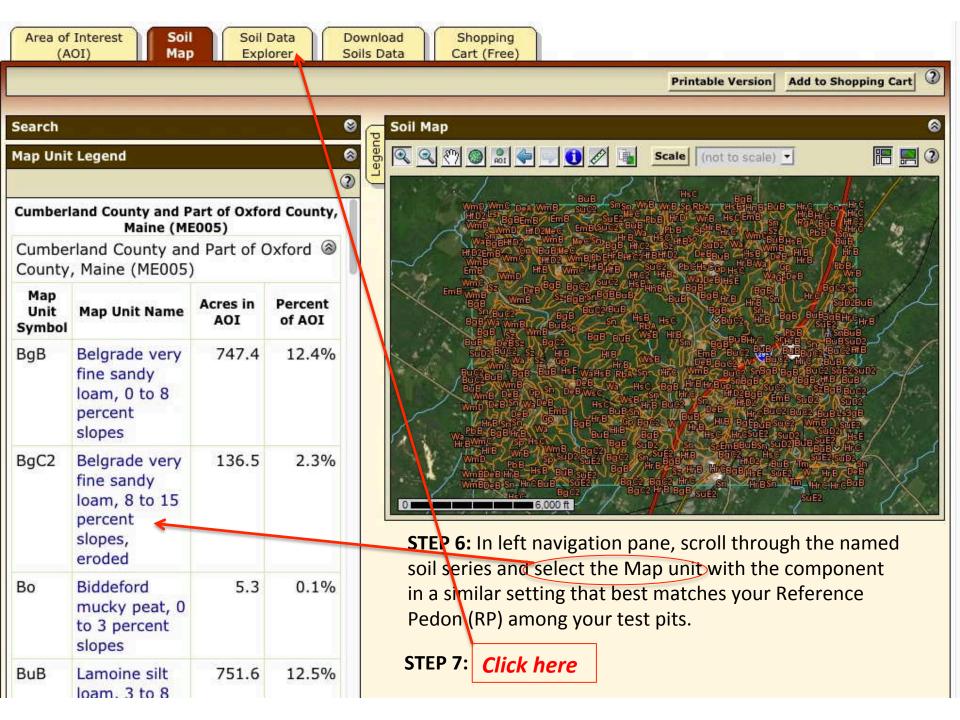
PLSS (Section, Township, Range)

Bureau of Land Management

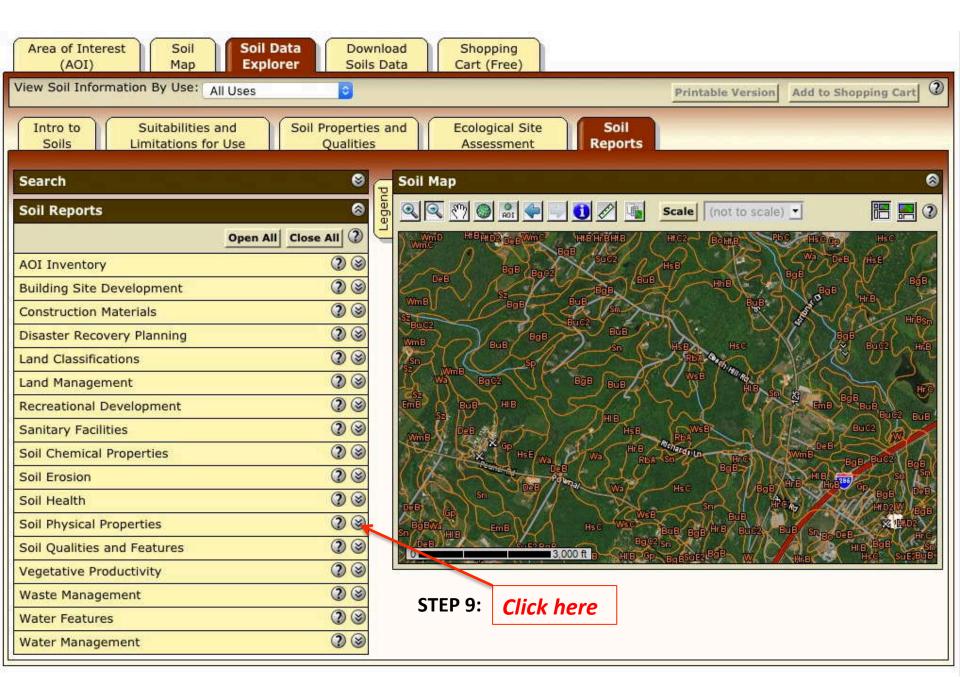
Department of Defense

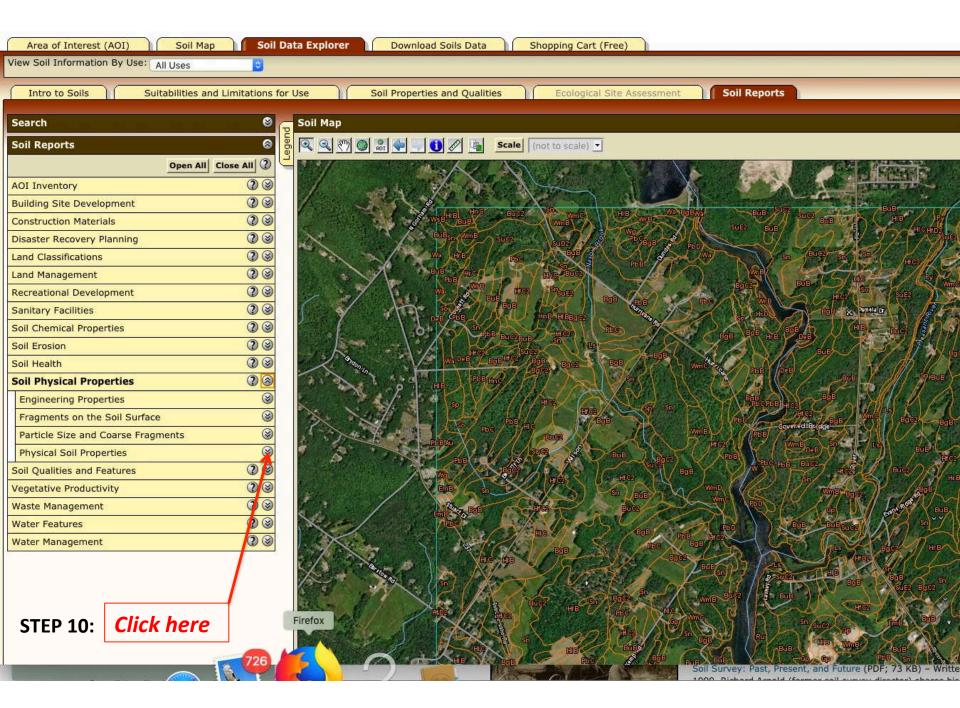
National Park Service

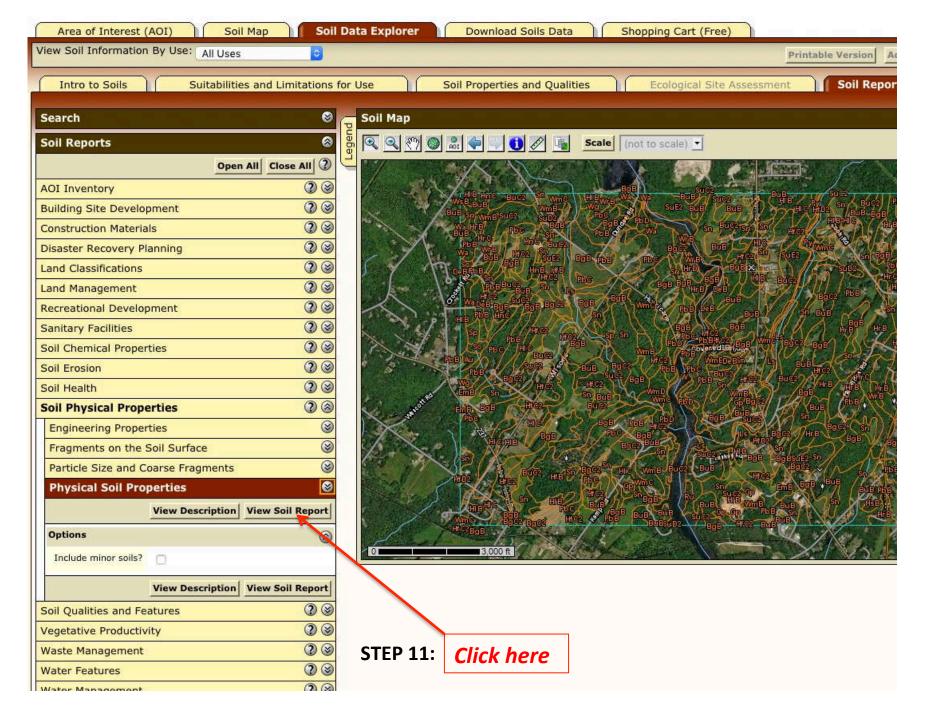


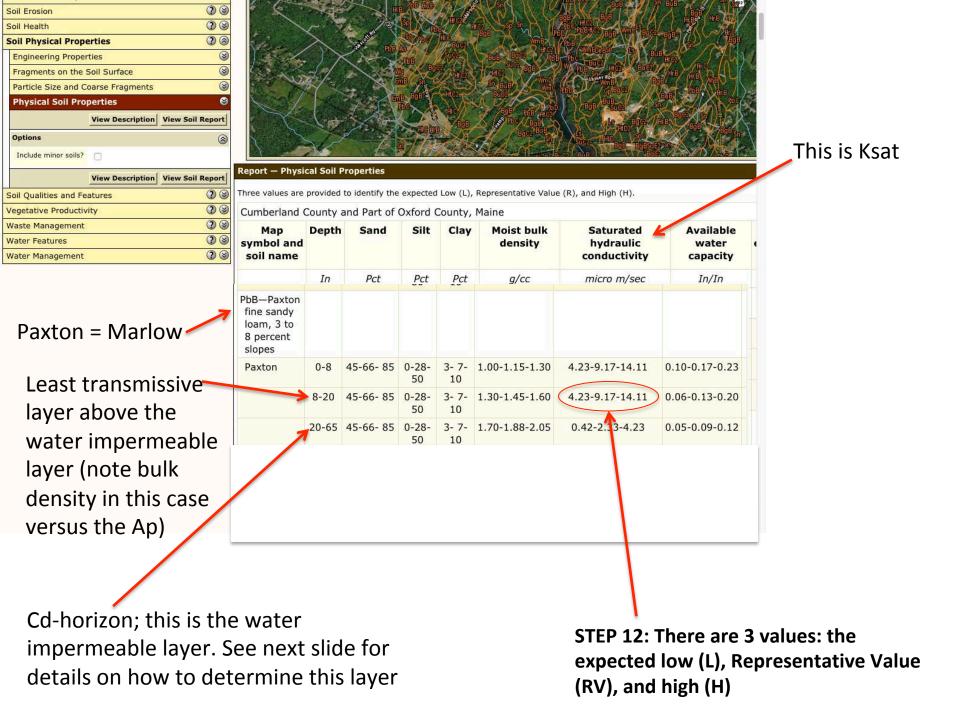


STEP 8: Click here Area of Interest Soil Data Soil Download Shopping **Explorer** Soils Data (AOI) Мар Cart (Free) View Soil Information By Use: All Uses Printable Version Add to Shopping Cart Suitabilities and Soil Properties and Ecological Site Soil Intro to Limitations for Use Soils Qualities Assessment Reports 8 Soil Map Search **=** 2 8 Suitabilities and Limitations Ratings Scale (not to scale) -Open All Close All ② ⊗ Building Site Development **?** 😵 Construction Materials 23 Disaster Recovery Planning **② ③** Land Classifications ② ③ Land Management 2 3 Military Operations 2 3 Recreational Development **②** ⊗ Sanitary Facilities **② ③** Soil Health ② ③ Vegetative Productivity ② ⊗ Waste Management ② ③ Water Management 3.000 ft









What is a "water impermeable layer"?

See Footnote 1/ below **Table 7.1**, p. 7-4. The various diagnostic horizons are defined in *Keys to Soil Taxonomy*, USDA (Chapter 3).

"Fragipan" is equivalent to the Cd-horizon in lodgement till.

"Densic materials have, at their upper boundary, a densic contact if they have NO CRACKS <u>or</u> if the spacing of the cracks that roots can enter is 10 CM OR MORE."

"An impermeable layer has a Ksat < 0.01 micro-meters/second*

*micro-meter = micron = 0.001 mm

| SAND | 0.050: |
|------|-----------------|
| SILT | — 0.050 microns |
| JILI | — 0.002microns |
| CLAY | |

What is "Depth to high water table"?

See Footnote 2/ below **Table 7.1**, p. 7-4.

This is the Seasonal High Water Table (SHWT)

What is "Ksat of least transmissive layer in depth range"?

This is the layer or horizon with that will be least transmissive ABOVE THE WATER IMPERMEABLE LAYER.