SOILWEB for the iPHONE

SEARCH in App Store (soilweb); CLICK on soilweb for the iphone

CLICK SoilWeb for iPhone App

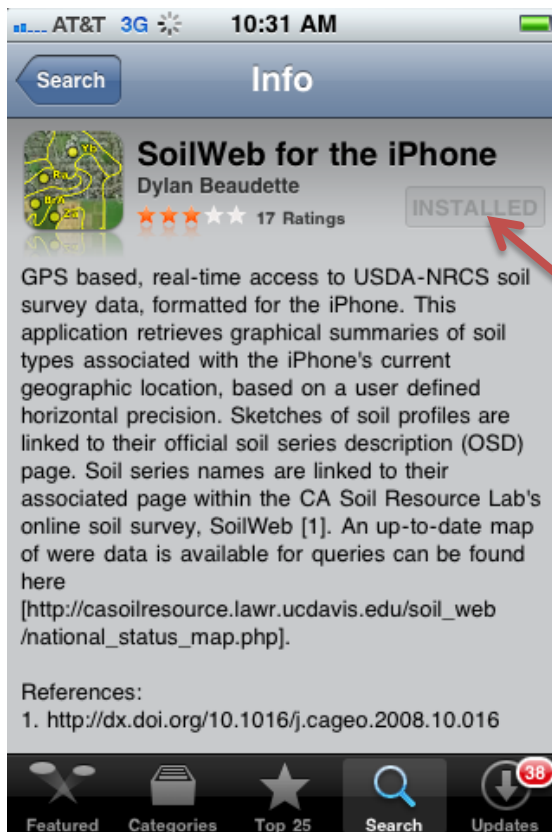
SEARCH

CLICK

CLICK

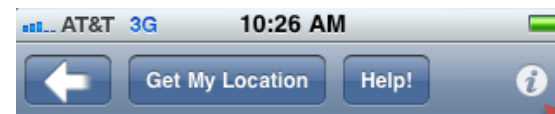# SOILWEB for the iPHONE

CLICK Install FREE SoilWeb onto iPhone

Front page of SoilWeb. CLICK *i* on upper right to open GPS Accuracy Threshold (m) page

.ıl AT&T 3G ☼ 10:31 AM

Search | **Info**

SoilWeb for the iPhone
Dylan Beaudette
★★★☆☆ 17 Ratings   INSTALLED

GPS based, real-time access to USDA-NRCS soil survey data, formatted for the iPhone. This application retrieves graphical summaries of soil types associated with the iPhone's current geographic location, based on a user defined horizontal precision. Sketches of soil profiles are linked to their official soil series description (OSD) page. Soil series names are linked to their associated page within the CA Soil Resource Lab's online soil survey, SoilWeb [1]. An up-to-date map of were data is available for queries can be found here [http://casoilresource.lawr.ucdavis.edu/soil_web/national_status_map.php].

References:
1. http://dx.doi.org/10.1016/j.cageo.2008.10.016

Featured | Categories | Top 25 | Search | Updates 38

CLICK / Install

CLICK to open GPS Accuracy

.ıl AT&T 3G   10:26 AM

← | Get My Location | Help! | *i*

Instructions:
1. click "get my location" to enable GPS

2. if sufficient accuracy is not attained by the GPS, adjust accuracy threshold slider on back page

3. once soils information is returned, click one of the two links associated with soil profile images

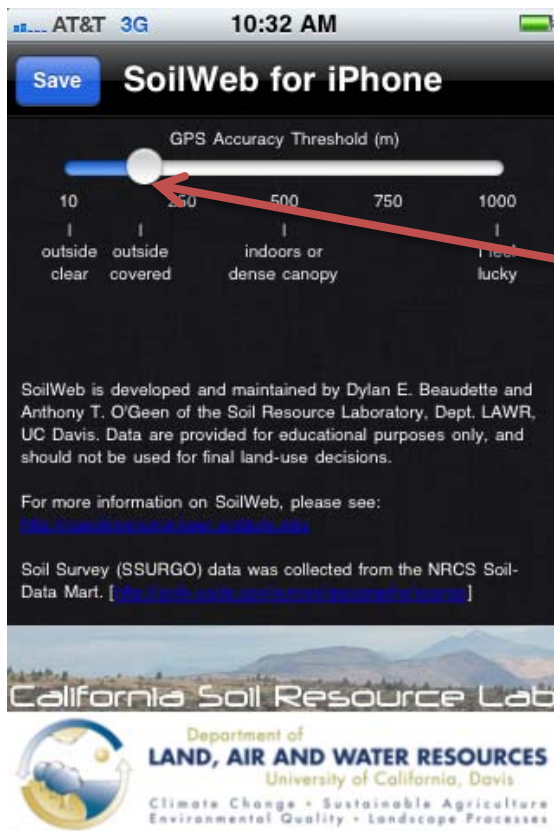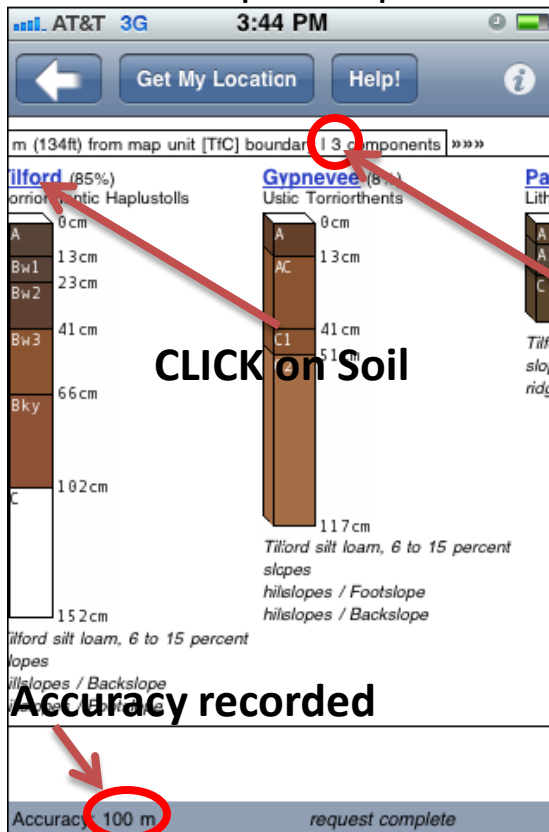4. click the "back arrow" button to return to this screen at any time

Pollasky (40%)
Typic Xerorthents

click to follow link to map unit details page

A11 0cm
A12 8cm
C1   20cm

C2   86cm
     99cm
terraces/Summit

click to follow link to Official Series Description

Accuracy Thresh: 167 m   *ready*
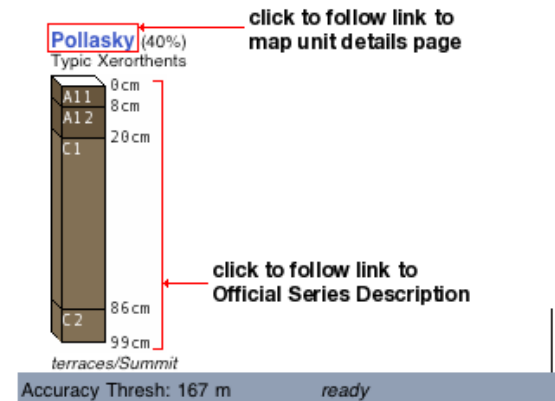
SOILWEB for the iPHONE

Slide bar to set Accuracy (m), then CLICK SAVE

CLICK (Get My Location) to get GPS location

Set GPS Accuracy Threshold (m)

CLICK

SOILWEB for the iPHONE
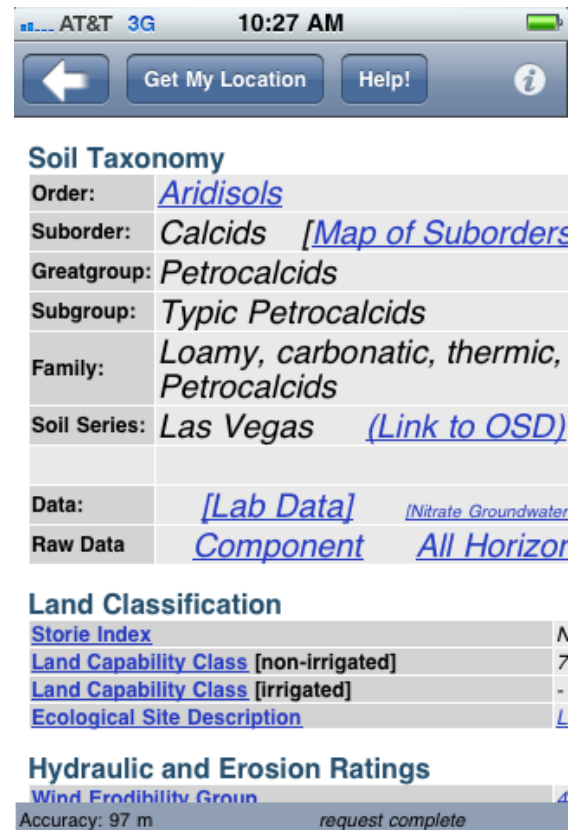
Soil or Soils from GPS Location occur by percentage%.

CLICK on Soil to open description.

Soil Description comes up with Soil Taxonomy, Land Classification, Hydrologic and Erosion Ratings, Geomorphology, Plants, etc. SLIDE screen down or to right to view sections

CLICK on Soil

# of Soil Components

Accuracy recorded

SOILWEB for the iPHONE

Slide screen to right; CLICK the Ecological Site Description

CLICK to Open ESD

Ecological Site Description comes up

CLICK on Report Selection you want To Open

SOILWEB for the iPHONE

Click on Plant symbol to open plant information from USDA Plants Database

USDA Plants Database opens with plant information

CLICK on Plant To open Plants Database

SOILWEB CAUTION!!

Soil Web via Gmaps!

❖**RECOMMEND** running multiple Get My Location runs to verify and increase accuracy, since application does not show GIS Map.

❖ Also, go to [Safari icon] Safari. Search Soil Web via Gmaps! Or type in address http://casoilresource.lawr.ucdavis.edu/soilweb_gmap/

SOILWEB via Gmaps!

Zoom to Location: type in location; CLICK on
Go!. SLIDE Map to Location, zoom in or out.
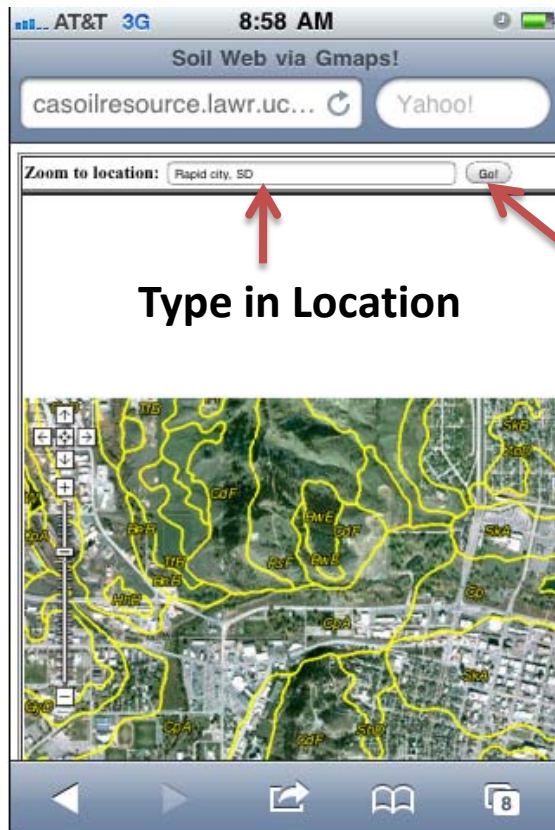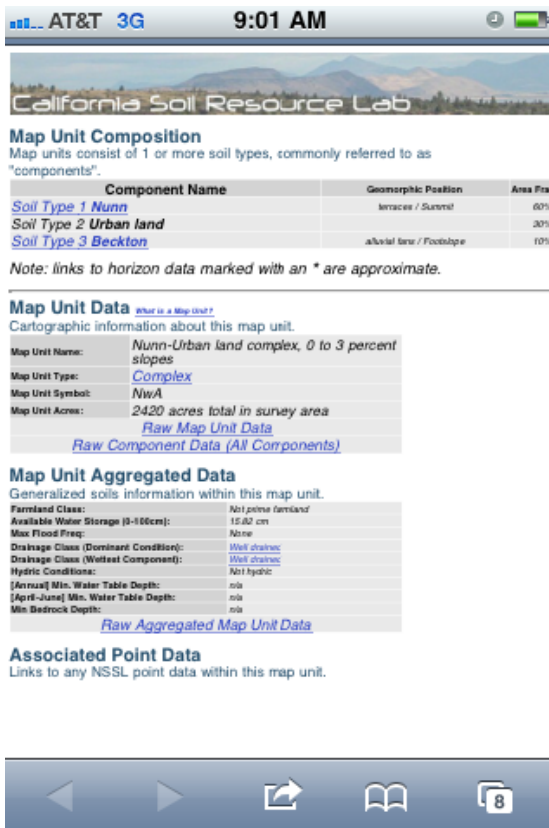
SLIDE to right to view Map Unit Legend

Type in Location

CLICK Go!

**CLICK on Soil to
View California
Resource Lab
details**

SOILWEB via Gmaps!

California Soil Resource Lab Map Unit Information

❖ Going this extra step will help determine potential Soil.

❖ BEST THING TO DO!!!

  o DIG A HOLE

  o OBSERVE

  • Depth of Mollic

  • Soil Structure

  • Rooting

  • Horizonation

  • Depth to Carbonates

  • Clay Movement

  o Determine Soil Texture

SOILWEB for the AndroidOS