



SOILWEB for the iPhone

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



SEARCH

CLICK

CLICK SoilWeb for iPhone App

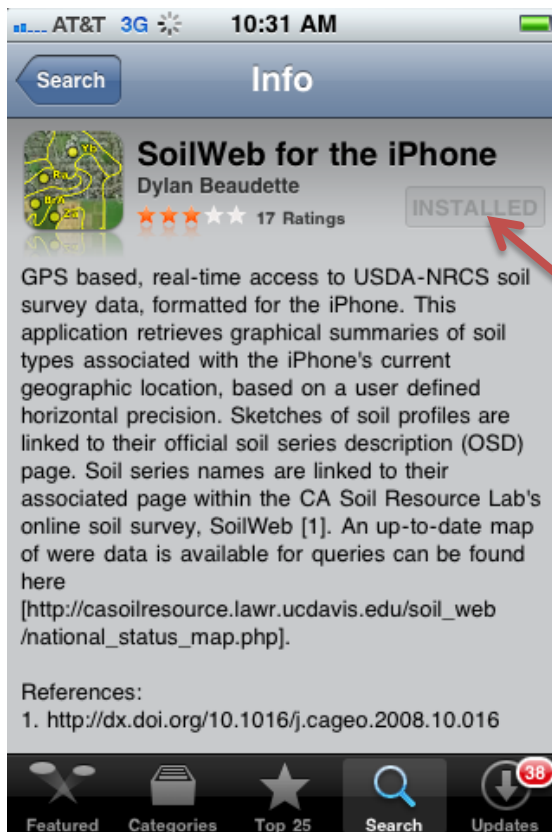


CLICK



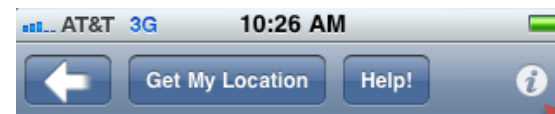
SOILWEB for the iPhone

CLICK Install **FREE** SoilWeb onto iPhone



CLICK /
Install

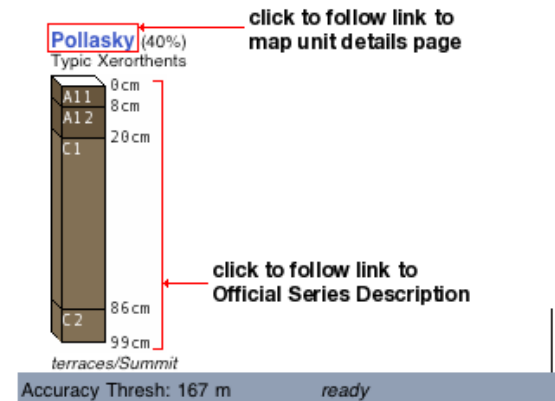
Front page of SoilWeb. CLICK *i* on upper right to open GPS Accuracy Threshold (m) page



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

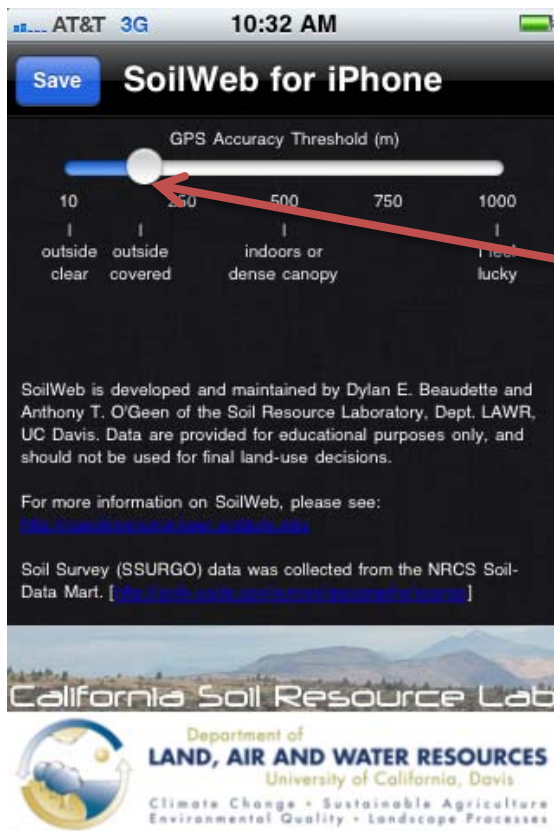
CLICK to open
GPS Accuracy





SOILWEB for the iPhone

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



Set GPS Accuracy Threshold (m)

CLICK (Get My Location) to get GPS location



Instructions:

1. click "get my location" to enable GPS
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CLICK

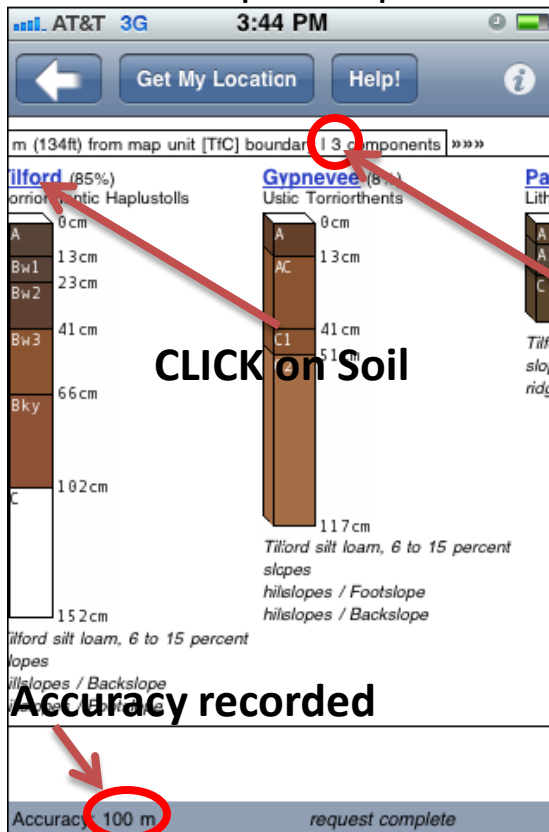




SOILWEB for the iPhone

Soil or Soils from GPS Location occur by percentage%.

CLICK on Soil to open description.

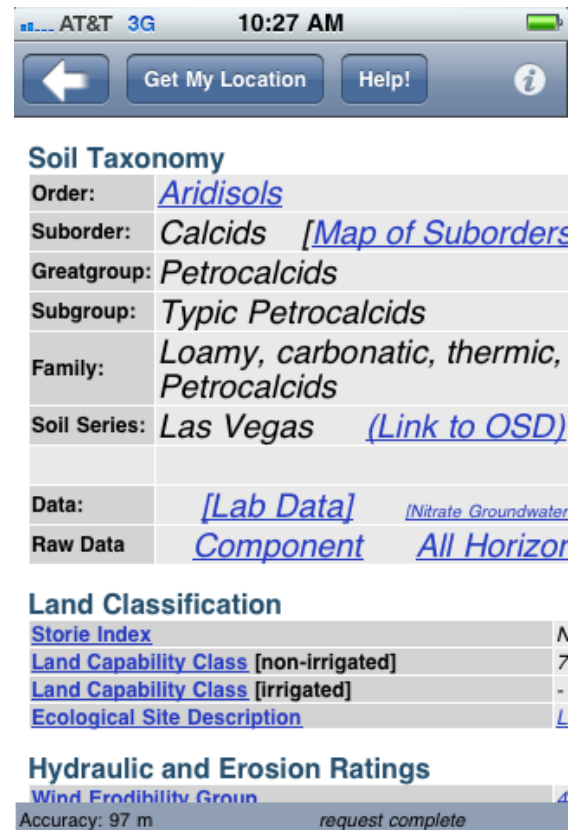


CLICK on Soil

of Soil Components

Accuracy recorded

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





SOILWEB for the iPhone

Slide screen to right; CLICK the Ecological Site Description

AT&T 3G 10:27 AM

← Get My Location Help! ⓘ

[\[Lab Data\]](#) [\[Nitrate Groundwater Pollution Hazard Inc\]](#)

[Component](#) [All Horizons](#)

ification

	NOT RATED
y Class [non-irrigated]	7-s
y Class [irrigated]	-
Description	LIMY 3-5 P.Z.

nd Erosion Ratings

y Group	4
y Index	86
or	1
	Very high
	Well drained
Hydrologic Group	No [Group D]
l:	alluvium derived
itorage (cm):	3.8

ology

basin-floor remnants	
semi-bolsons	

Accuracy: 97 m request complete

CLICK to Open
ESD

Ecological Site Description comes up

AT&T 3G 2:11 PM

← Get My Location Help! ⓘ

Data Access

- > Return to Reports Selection Screen

Report Selections

- General
- Physiographic Features
- Climate Features
- Water Features
- Soil Features
- Plant Communities
- Site Interpretations
- Supporting Information
- Rangeland Health
- Reference Sheet
- Complete Report
- > HTML Printable Format

**UNITED STATES
DEPARTMENT
OF
AGRICULTURE
NATURAL
RESOURCE
CONSERVATION
SERVICE**

**ECOLOGICAL
SITE
DESCRIPTION
(New Format Report)**

Accuracy: 99 m request complete

CLICK on Report
Selection you
want To Open



SOILWEB for the iPhone

Click on Plant symbol to open plant information from USDA

Plants Database

AT&T 3G 2:10 PM

← Get My Location Help! ⓘ

Hydraulic and Erosion Ratings

Wind Erodibility Group	4
Wind Erodibility Index	8
T Erosion Factor	1
Runoff	✓
Drainage	✓
Hydric Rating / Hydrologic Group	A
Parent Material:	a
Profile Water Storage (cm):	3

Geomorphology

Landform	basin-floor remnants
Landscape	semi-bolson

Plants

Symbol	Scientific Name
PLRI3	<i>Pleuraphis rigida</i>
LYCIU	Lycium
EPHED	Ephedra
ACSP12	Achnatherum speciosum

← **CLICK on Plant To open Plants Database**

Organic Matter (%)	Percent Clay	Percent Sand
0.2 0.3 0cm	8 23 0cm	60 65 0cm

Accuracy: 65 m request complete

USDA Plants Database opens with plant information

AT&T 3G 2:40 PM

← Get My Location Help! ⓘ

USDA United States Department of Agriculture
Natural Resources Conservation Service

PLANTS Database

Search
Name Search

Scientific Name Go

- State Search
- Advanced Search
- Search Help

PLANTS Topics

- Alternative Crops
- Characteristics
- Classification
- Culturally Significant

You are here: [Home](#)

PLANTS Pr

Pleuraphis big galleta

Symbol: **PLRI3**

Accuracy: 91 m request complete



SOILWEB CAUTION!!

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



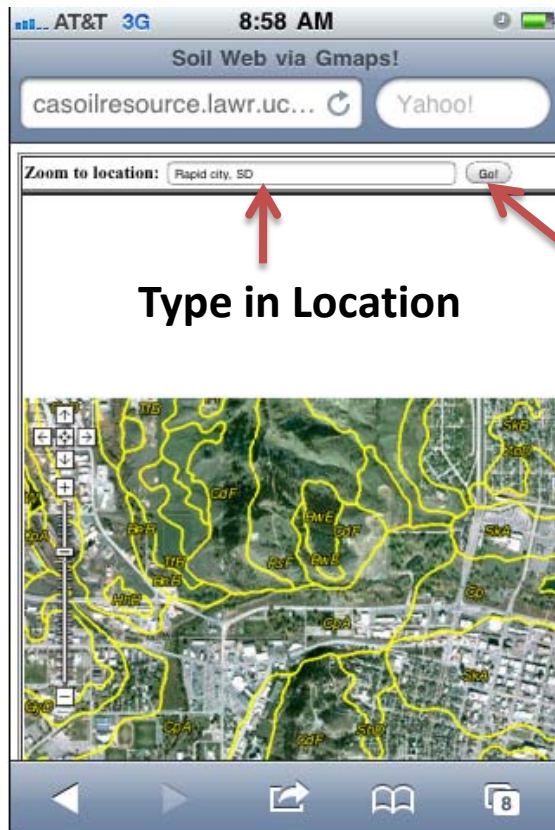
❖ Also, go to Safari.
Search **Soil Web via Gmaps!**
Or type in address
http://casoilresource.lawr.ucdavis.edu/soilweb_gmap/

Soil Web via Gmaps!



SOILWEB via Gmaps!

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



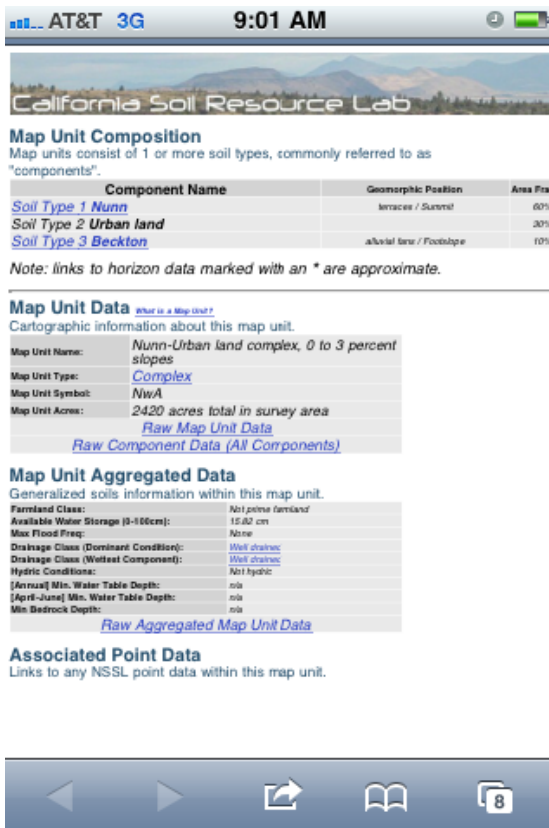
SLIDE to right to view Map Unit Legend

Map Unit Legend		
Area (Ac)	Map Symbol	Map Unit
1618.1	CdF	Canyon-Rock outcrop complex, 15 to 60 percent slopes
574.8	RtE	Rekop-Gypnevee-Rock outcrop complex, 15 to 40 percent slopes
558.0	ShD	Satanta-Canyon loams, 6 to 15 percent slopes
339.1	GrE	Grummit-Rock outcrop complex, 6 to 40 percent slopes
302.5	NuB	Nunn loam, 2 to 6 percent slopes
200.4	TtC	Tilford silt loam, 6 to 15 percent slopes
191.0	CcE	Canyon-Bridget complex, 9 to 25 percent slopes
185.6	RsF	Rockoa-Rock outcrop complex, 25 to 60 percent slopes
183.0	ZnD	Zigweid-Nihill complex, 6 to 15 percent slopes
178.8	PgD	Pierre-Grummit clays, 6 to 15 percent slopes
176.1	HgB	Hilger cobbly loam, 0 to 6 percent slopes
169.7	PkC	Pierre-Urban land complex, 6 to 15 percent slopes
		Nunn-Urban land complex, 0 to 3

CLICK on Soil to View California Resource Lab details

SOILWEB via Gmaps!

California Soil Resource Lab Map Unit Information



AT&T 3G 9:01 AM

California Soil Resource Lab

Map Unit Composition

Map units consist of 1 or more soil types, commonly referred to as "components".

Component Name	Geomorphic Position	Area Fra
Soil Type 1 Nunn	terraces / Summits	60%
Soil Type 2 Urban land		20%
Soil Type 3 Beckton	a/Axial fan / Footslope	10%

Note: links to horizon data marked with an * are approximate.

Map Unit Data [What is a Map Unit?](#)

Cartographic information about this map unit.

Map Unit Name:	Nunn-Urban land complex, 0 to 3 percent slopes
Map Unit Type:	Complex
Map Unit Symbol:	NwA
Map Unit Acres:	2420 acres total in survey area

[Raw Map Unit Data](#)
[Raw Component Data \(All Components\)](#)

Map Unit Aggregated Data

Generalized soils information within this map unit.

Farmstead Class:	Not prime farmland
Available Water Storage (0-100cm):	15.82 cm
Max Flood Freq:	None
Drainage Class (Dominant Condition):	Well drained
Drainage Class (Wettest Component):	Well drained
Hydric Conditions:	Not hydric
[Annua] Min. Water Table Depth:	nil
[April-June] Min. Water Table Depth:	nil
Min. Bedrock Depth:	nil

[Raw Aggregated Map Unit Data](#)

Associated Point Data

Links to any NSSL point data within this map unit.

Navigation icons: back, forward, share, book, and a tab icon with the number 8.

❖ Going this extra step will help determine potential Soil.

❖ BEST THING TO DO!!!

- DIG A HOLE
- OBSERVE
 - Depth of Mollic
 - Soil Structure
 - Rooting
 - Horizonation
 - Depth to Carbonates
 - Clay Movement
- Determine Soil Texture

