

How to access soils information from the Queensland Globe

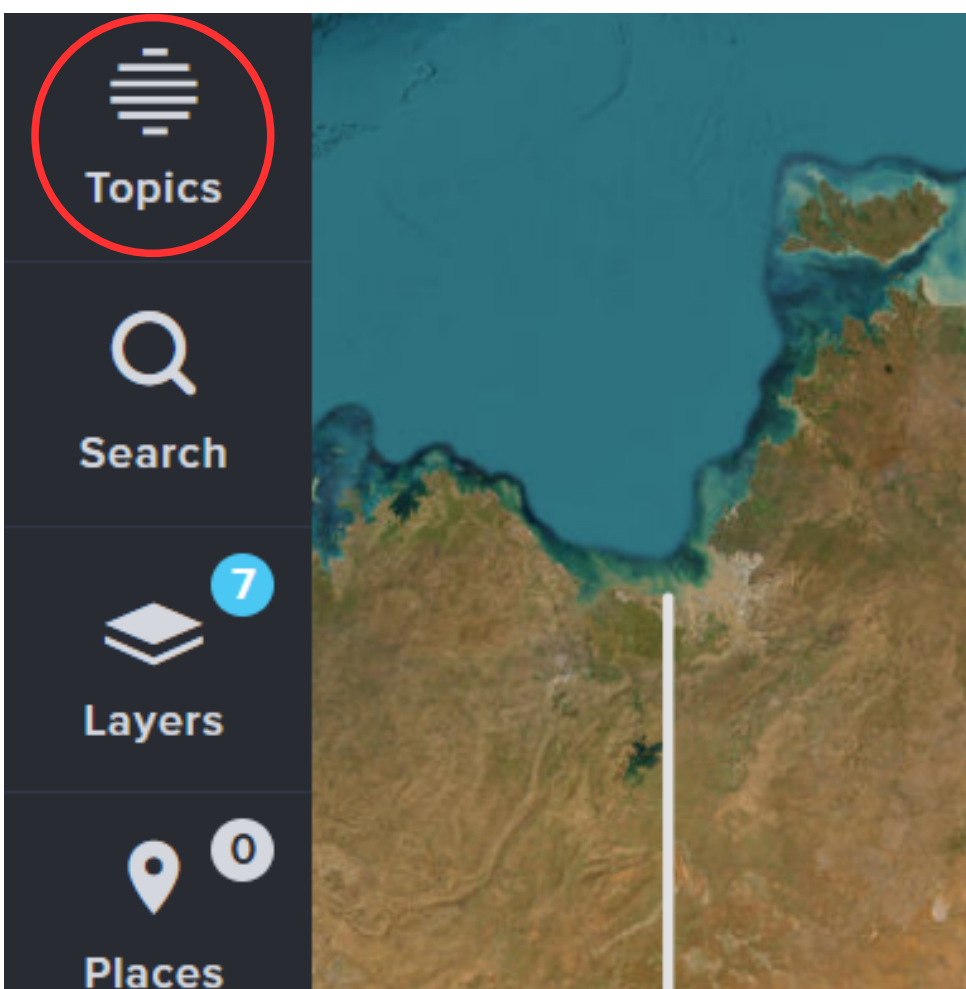
This information sheet describes the steps needed to access and download soils information from the Qld Globe. If you need help or have any questions, please email soils@qld.gov.au

1. Open Qld Globe: <http://qldglobe.information.qld.gov.au/>
2. Tick the acknowledgement box, then click the blue **Get Started** button (you have to sign in if you'd like to save and share maps)

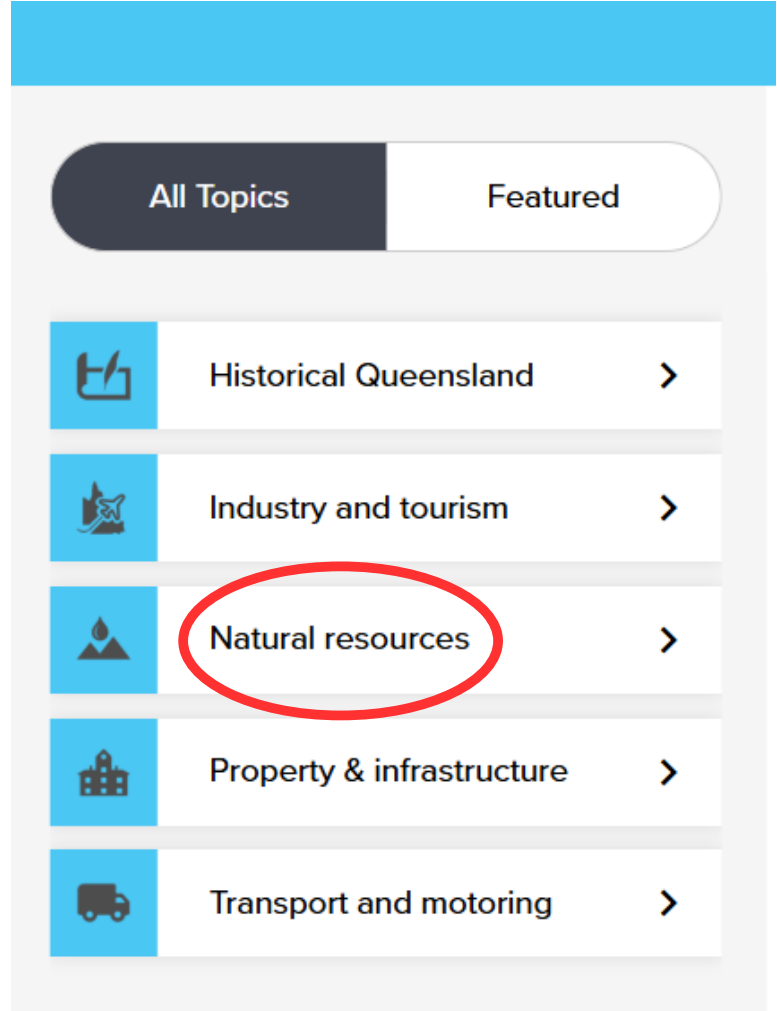
Note: Soils information can be added to your map by selecting a Topic (which adds multiple layers at once) or by manually selecting individual Layers. Once you've added the soils information you want to see, you can access and query the data.

Adding a Topic:

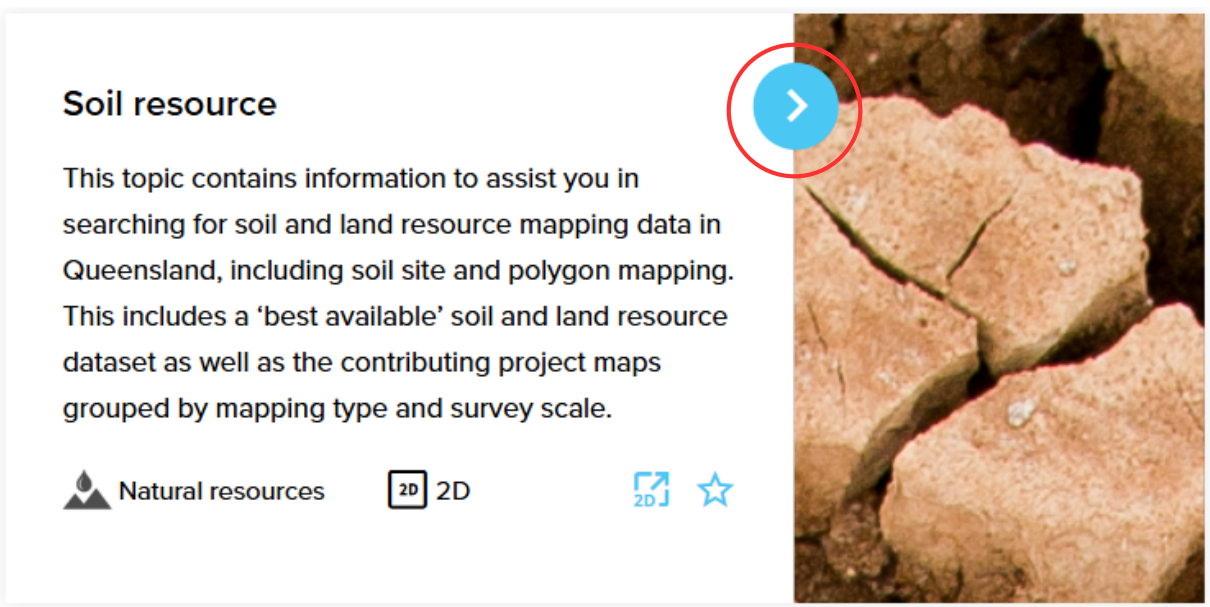
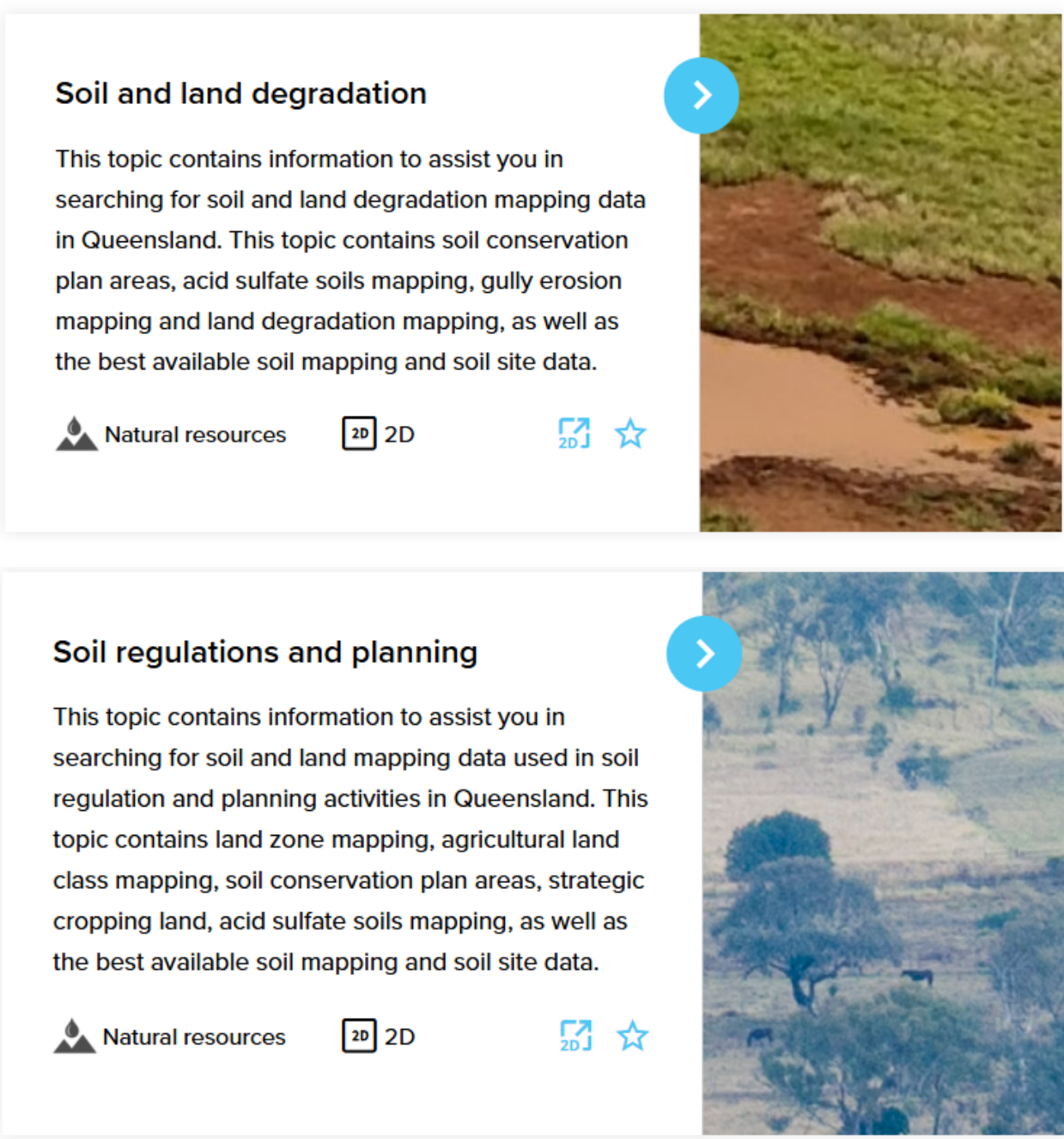
1. Select **Topics**



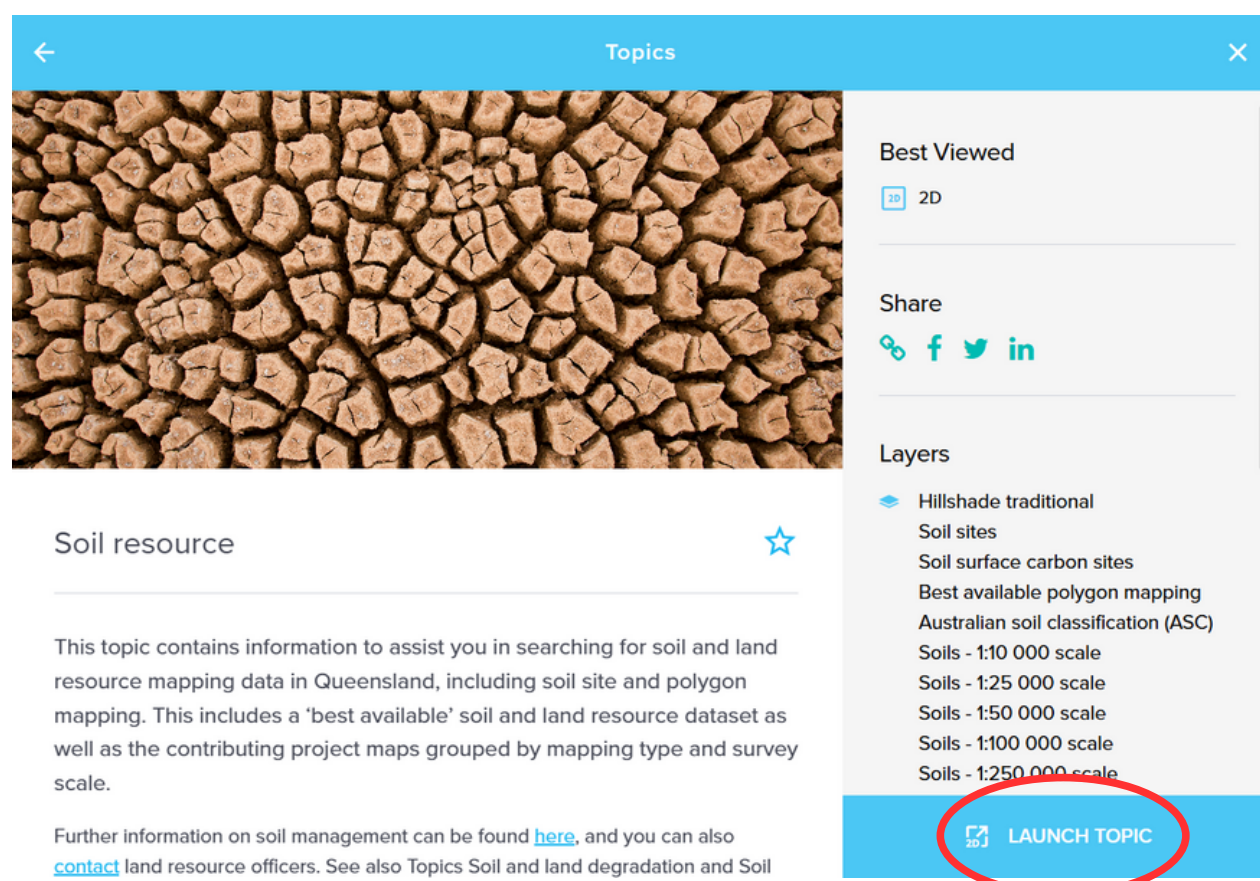
2. Select **Natural resources**



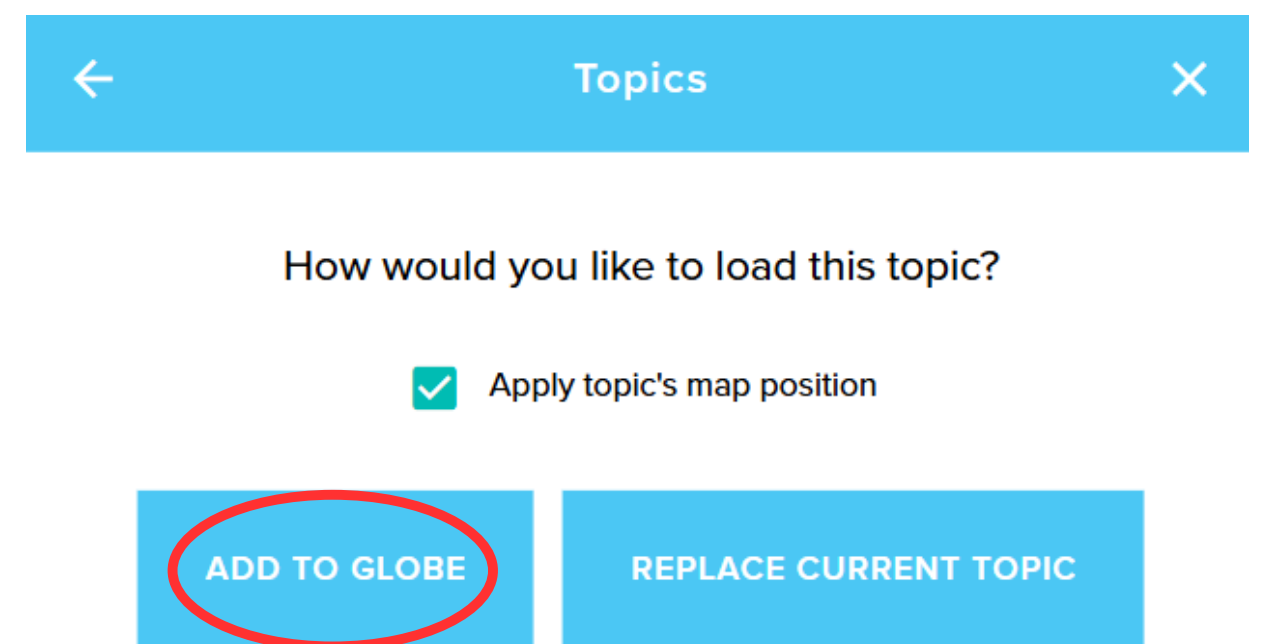
3. Scroll down and choose from three topics: *Soil and land degradation*, *Soil regulations and planning* or *Soil resource*. Once you've decided on the Topic you want, click on the blue arrow beside the Topic heading.



4. Select **Launch Topic**



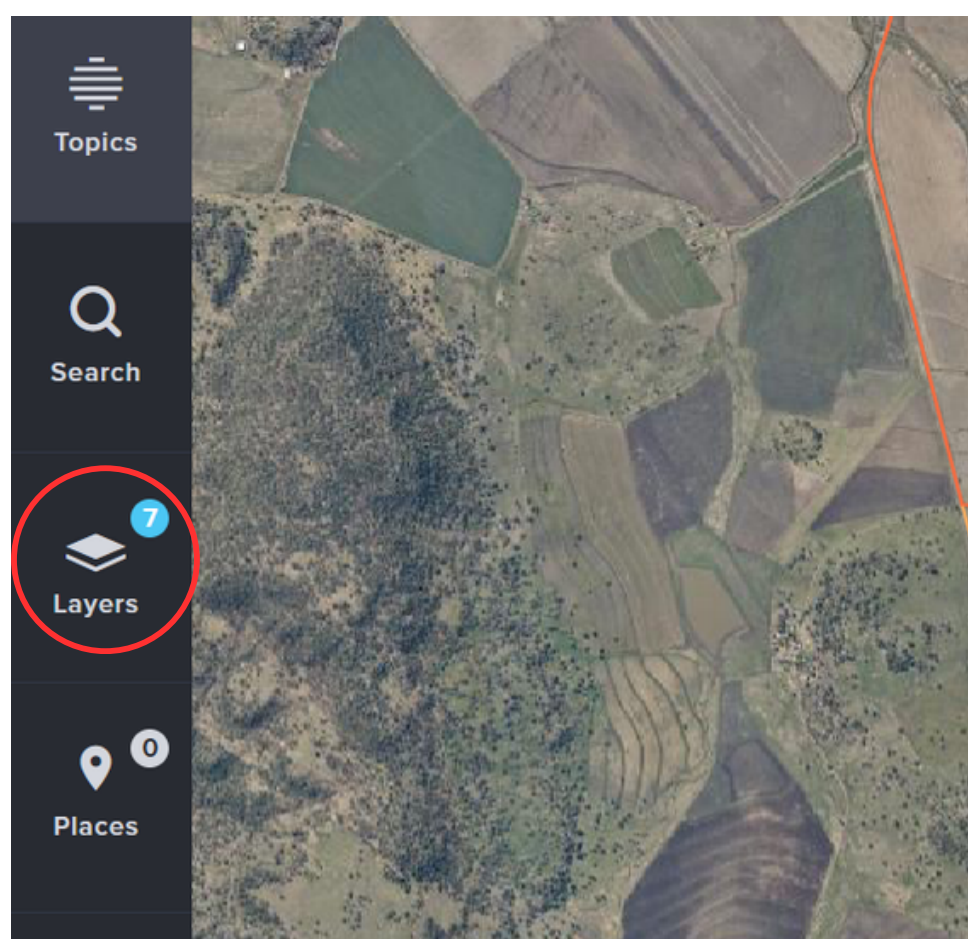
5. Select **Add to globe**



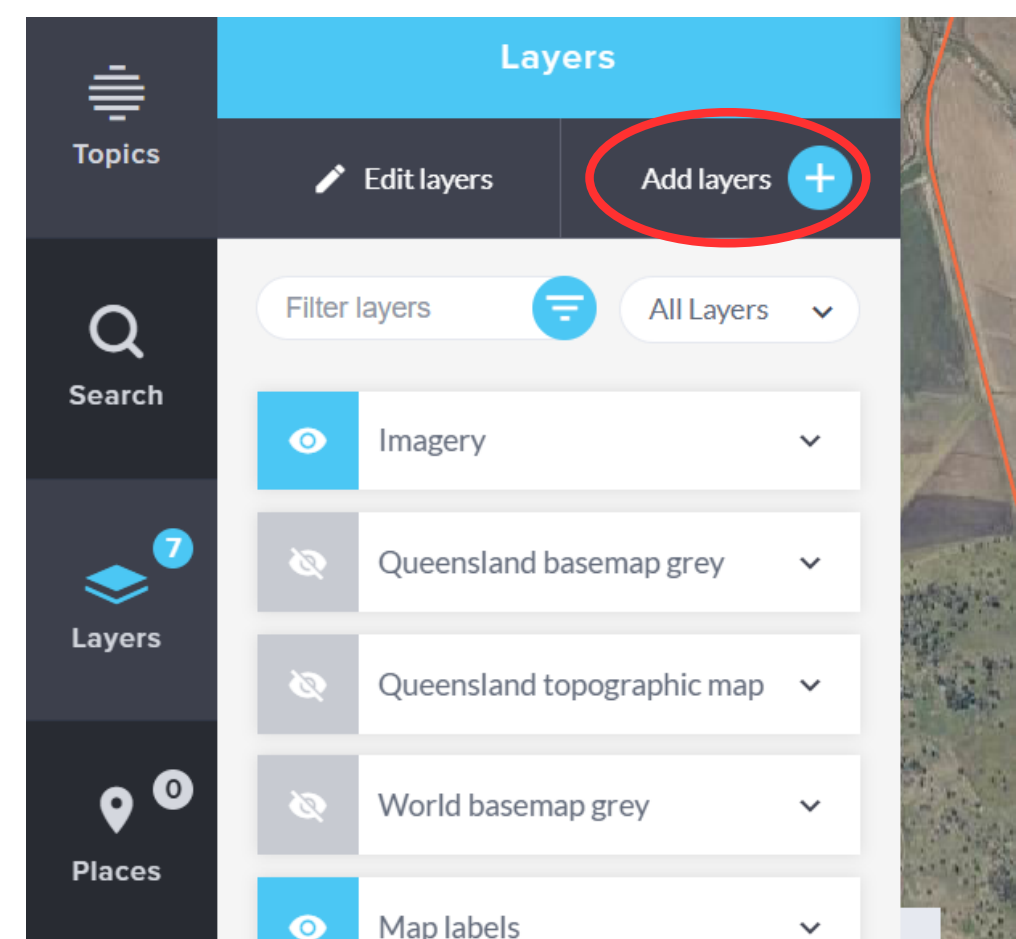
You've now turned on the Topic you've chosen. All three Topics include layers showing "Soil sites" and "Best available mapping". See [Accessing information](#) for how to access individual site data and how to query the soils mapping.

Adding Layers:

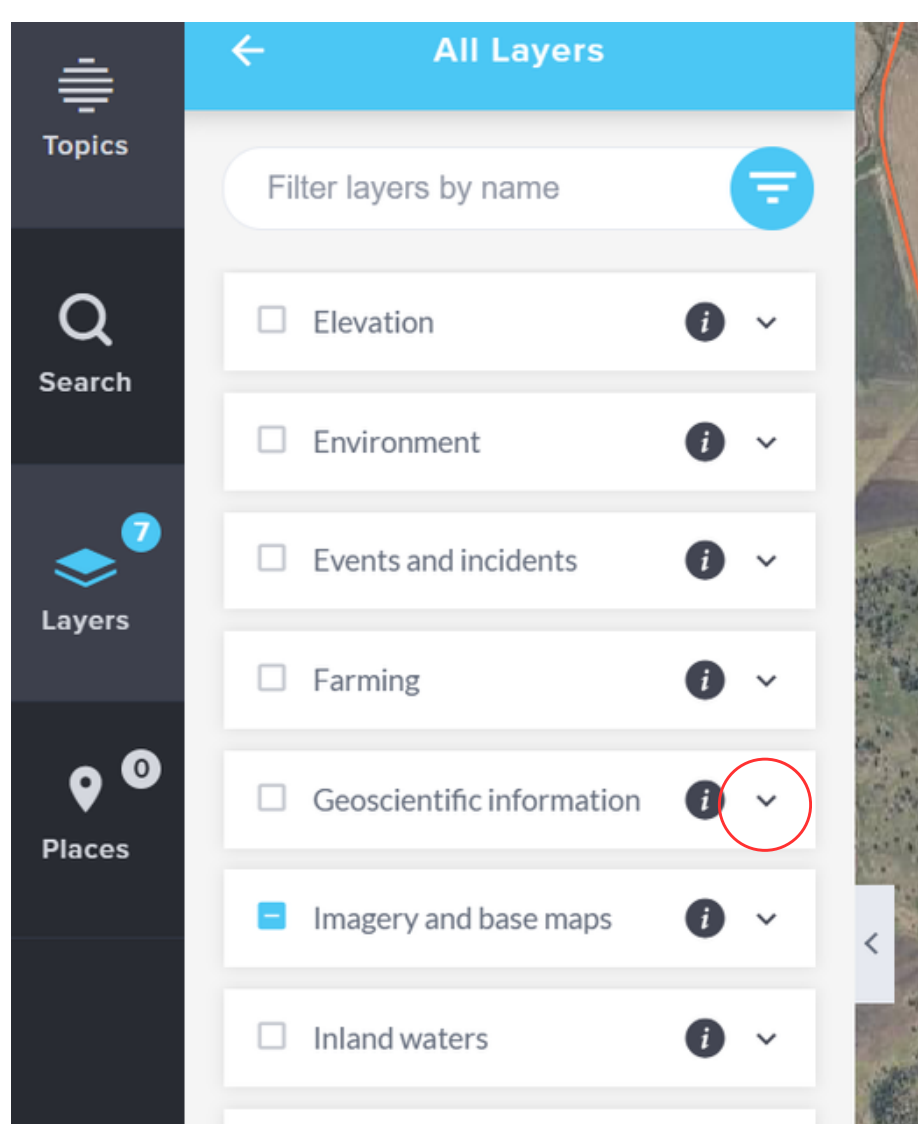
1. Select **Layers**



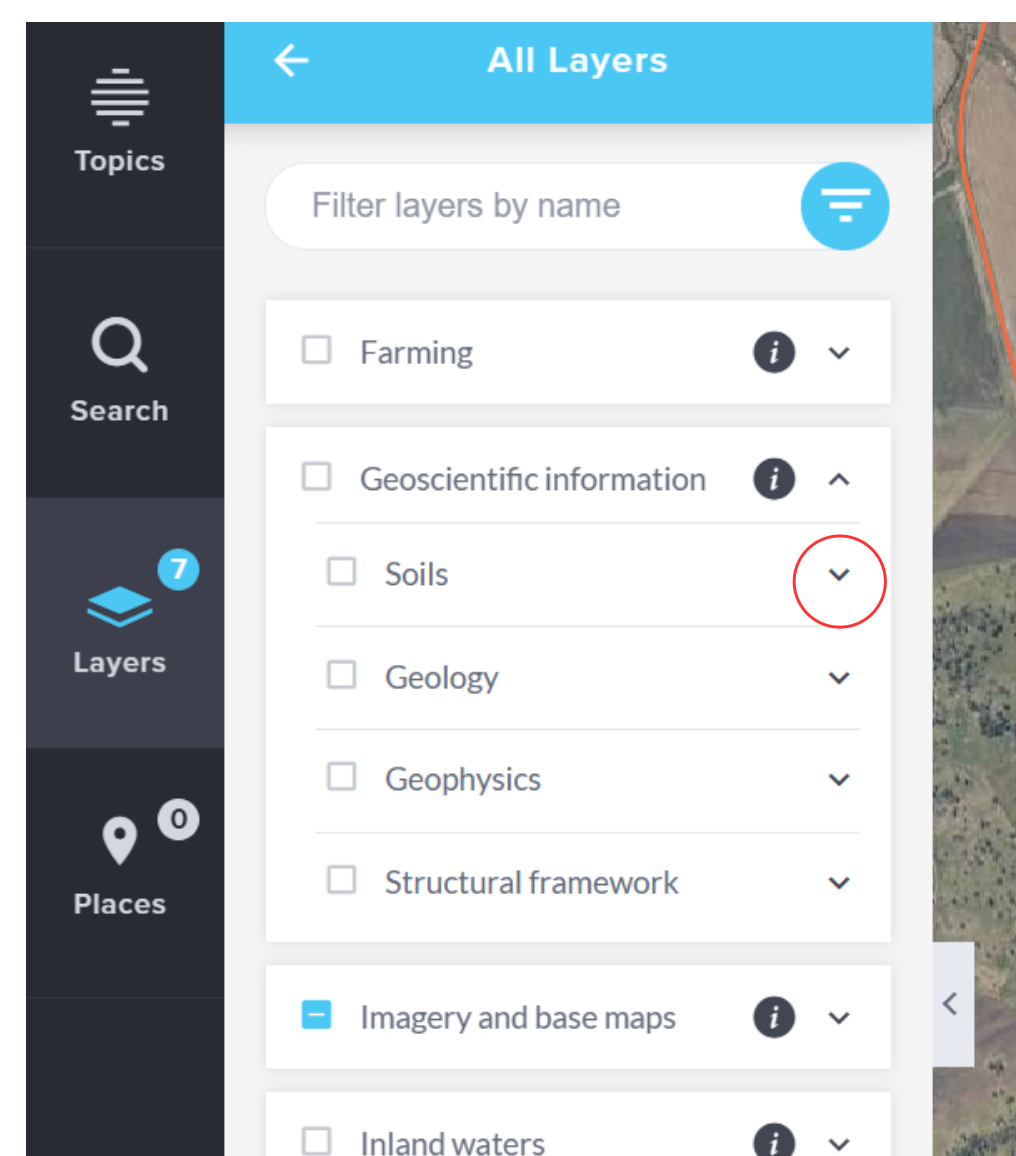
2. Select **Add Layers**



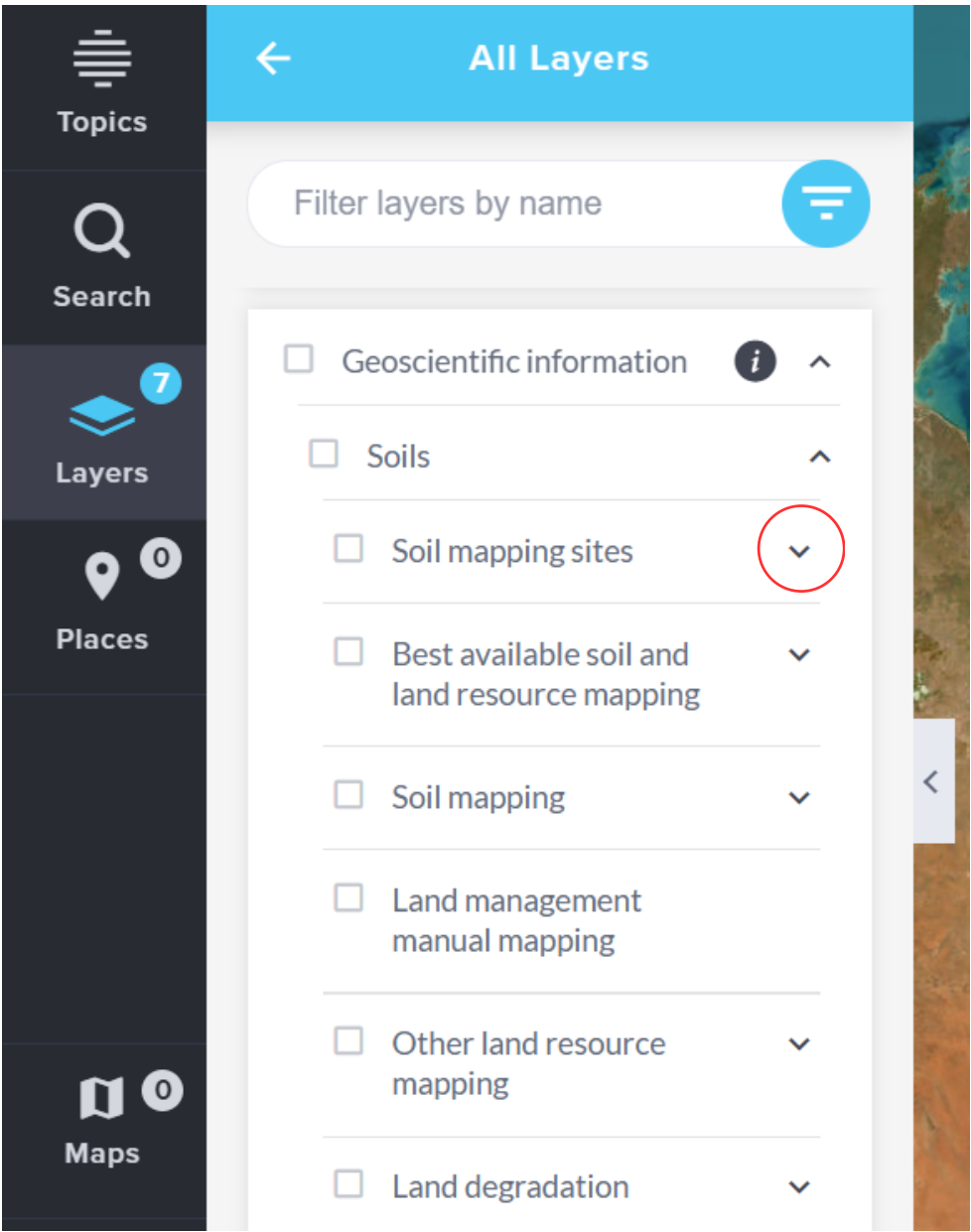
3. Scroll down to **Geoscientific information** and click on the down arrow beside it (don't check the box)



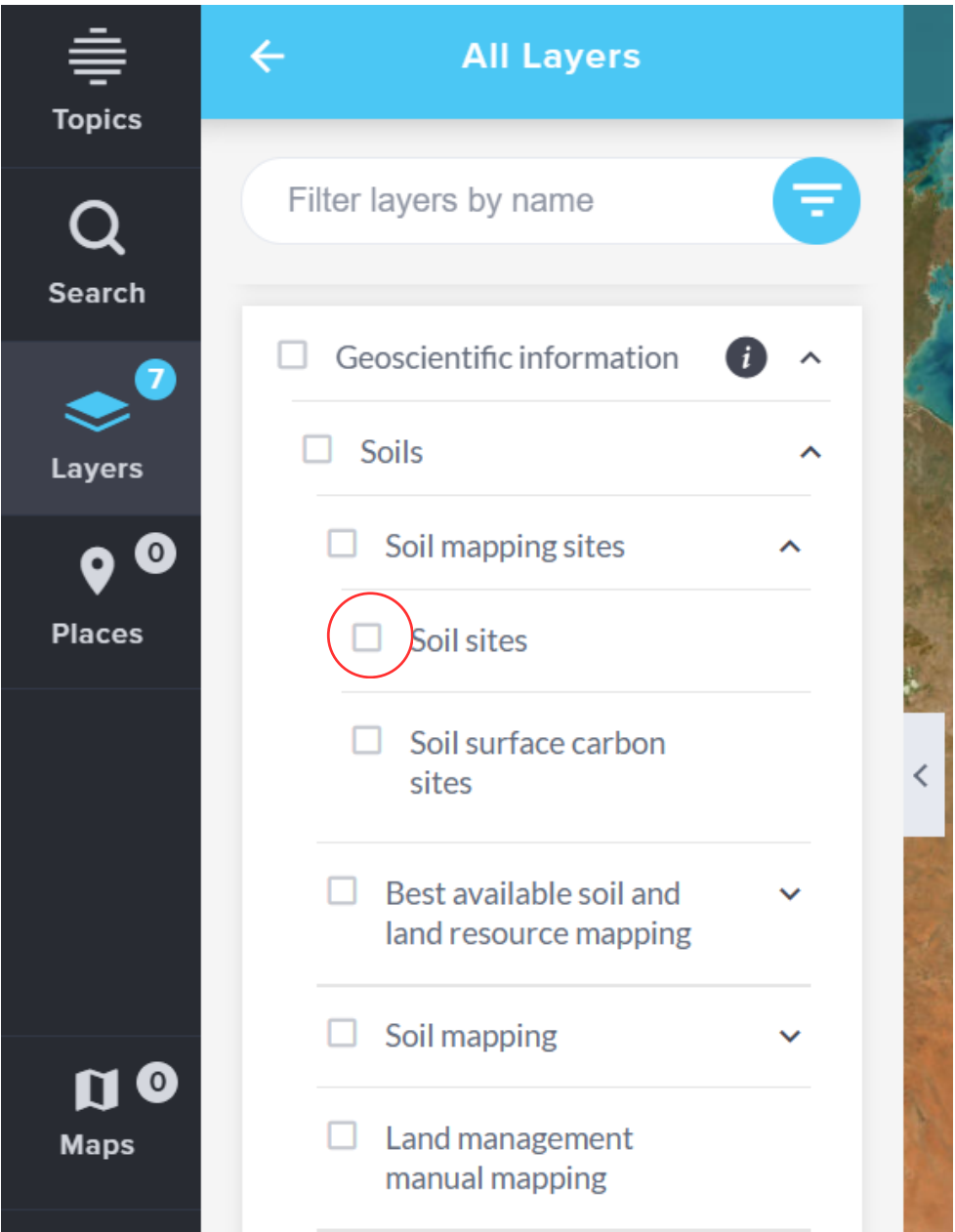
4. Click on the down arrow beside **Soils** (don't check the box)



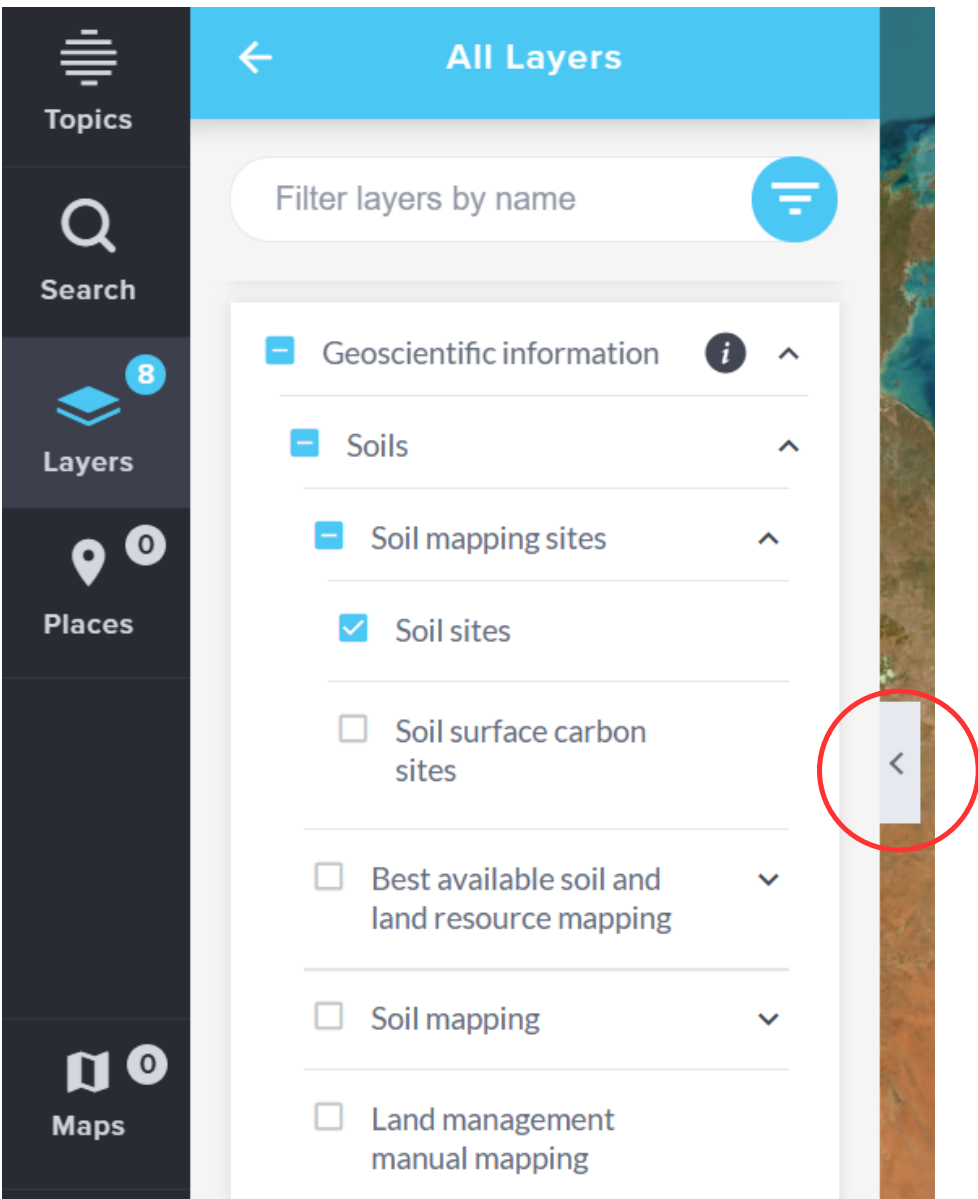
5. Click on the down arrow besides **Soil mapping sites**



6. Check the box to the left of **Soil sites**



7. Click on the arrow halfway down the right side of the layers box to minimise it.



You've now turned on the layer that shows the locations of all soil sites in Queensland.

Note: The layer is only visible at a scale of 1:2 500 000 or smaller. If you are zoomed out beyond this scale, you will need to zoom in to see all the soil sites. You can zoom in one of three ways: use your mouse; use the controls in the bottom right corner of the Qld Globe; or manually type the scale in the scale box.

Once you've zoomed in, you will see lots of yellow dots—each dot represents a soil site where data is available. If you zoom in beyond 1:150 000 scale, you will see letters in front of the dots e.g. ALM, ASA, MISSQ etc. These letters are codes describing the various mapping projects in Queensland.

Note: The shape of the soil site icon indicates what laboratory data is available.

Soil sites

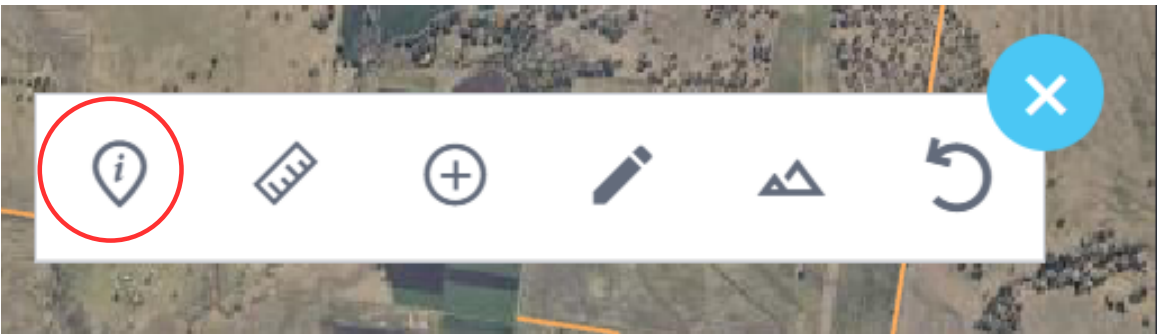
- Soil site- core analytical suite
- Soil site- limited chemistry
- Soil site- no chemistry

Accessing information about a soil site:

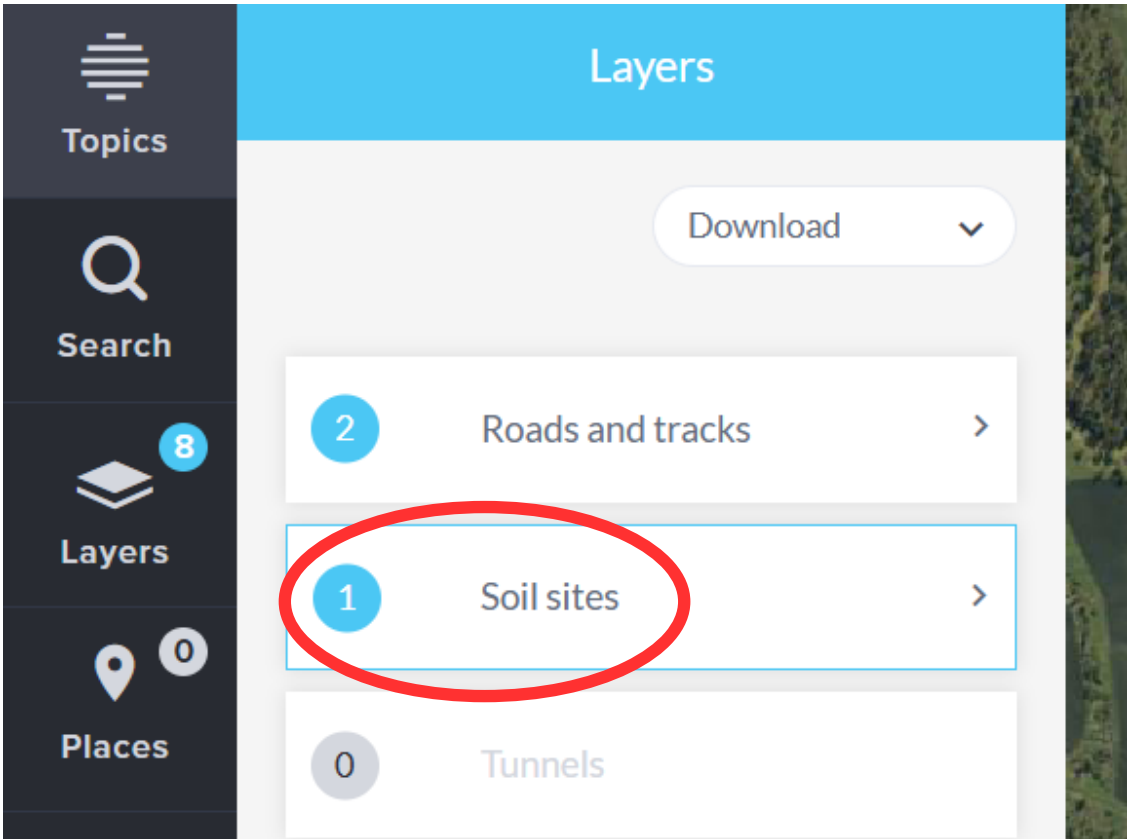
1. Click on the blue spanner in the top right corner of the screen



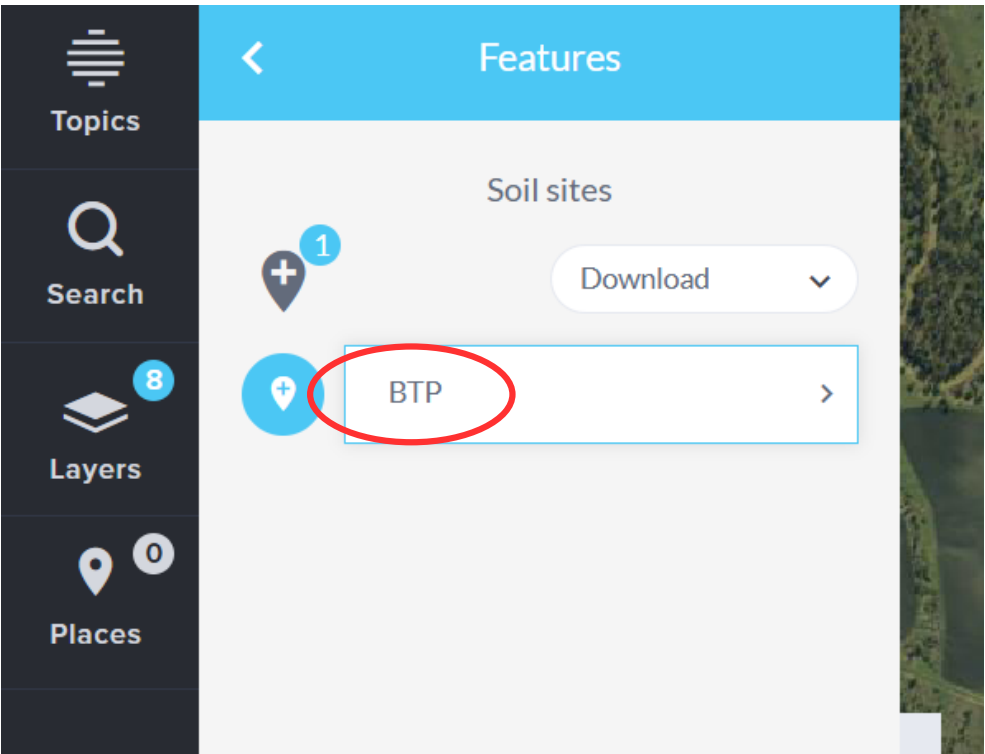
2. Click on the first icon which is “Identify” (this changes the cursor to a set of cross hairs)



3. Click on the soil site (yellow dot) you’re interested in. This will display a list of features it can identify at that point (e.g. soil site, roads, railways etc). Select **Soil sites**.



4. Click on the project code (in this example, BTP).



5. You are now at the information available for that particular soil site. You can read some of the information on screen (e.g. date it was sampled, soil type according to the Australian Soil Classification, soil name, landform). You can also download a pdf of all the site information by clicking on the blue link next to **Site report link**.

Places	Number of observations	1
	First observed	07/12/2010
	Latitude	-27.91899
	Longitude	151.95721
	Location measurement method	Averaging GNSS
Maps	Landform	Slope on Rises
	Laboratory data available	Yes
	Laboratory data link	Link
Print	Site report link	Link
Help		

- location
- soil classification
- soil morphology e.g. texture, colour, structure
- field tests e.g. pH, dispersion
- soil chemistry

7. Some sites have soil chemistry data available which can be downloaded separately as a .csv file (in Excel). Click on the blue link next to **Laboratory data link**. Once you're on the soil chemistry page, click on **Download** (right hand side of page) and choose the format you'd like.

Date: 17/02/2025 14:37:07

Queensland Government

Soil and Land Information

Project BTP Site 5 Observation 1

Page: 1

Site Listing Report

SALI4320

Project description

Project name:

HRS - C002.01 Barley Strain Trials

Project status:

Data is from an active project and may be subject to change through additions/updates or further quality assessment processes

Location:

Site characteristics

Date described:

1/01/1981

Observation type:

Not recorded (historical)

Site Type:

Observation class:

Class IIIa (limited chemistry)

Slope (%):

0

Morphological type:

Slope type

Method not known (probably estimate or abney/clinometer)

Landform element:

Not recorded

Geology:

Not recorded

Landform pattern:

Alluvial plain

Soil Name:

Cecilvale(2) (Ccv)

Substrate lithology:

Not recorded

Runoff:

Not recorded

Depth to free water:

Not recorded

Permeability:

Not recorded

Erosion:

Not recorded

Drainage:

Poorly drained

Microrelief type:

Not recorded

Disturbance:

Cultivation - irrigated, past or present

Proportion gilgai:

N/A

Rock outcrop:

Not recorded

Vertical interval (m):

N/A

Surface condition:

Not recorded

Horizontal interval (m):

N/A

Surface coarse fragments:

Not recorded

Microrelief component sampled:

N/A

Site location

Datum

Latitude (dd)

Longitude (dd)

Zone

Easting (m)

Northing (m)

Location accuracy (m)

Location measurement method

GDA 94

-27.11509

151.08441

56

310117

6999371

Not recorded

Topographic map

GDA 2020

-27.11508

151.08441

56

310118

6999372

Soil classification

Australian Soil Classification (ASC)

Confidence

ASC Technical Reference

Buried

GSG

PPF

No ASC Technical Reference defined

N/A

Black earth

Ug5.16

Profile morphology

No

Name

Upper depth (m)

Lower depth (m)

Colour

Mottles

Textures

Structures

Coarse fragments

Segregations

Strengths

Bounds

1

0

0.1

Light medium clay



0

Maps



Print



Help

Landform

Alluvial Plain

Soil name

Cecilvale(2)

Laboratory data available

Yes

Laboratory data link

[Link](#)

Site report link

[Link](#)

SWRES	
310	
1	
	Download

This layer shows the best available soils mapping for an area, including the Australian Soil Classification

This layer shows the maps associated with Land Management Manuals in Queensland

This layer shows acid sulfate soil mapping and erosion mapping (including the location of gully erosion sites)

- ☐ Geoscientific information  ^
- ☐ Soils ^
- ☐ Soil mapping sites v
- ☐ Best available soil and land resource mapping v
- ☐ Soil mapping v
- ☐ Land management manual mapping
- ☐ Other land resource mapping v
- ☐ Land degradation v

This layer shows the soils mapping available at different scales from 1:10 000 to 1:2 000 000

This layer shows land resource mapping available at different scales from 1:250 000 to 1:1 000 000

You can check each box individually to see the type of mapping available, or you can check all types. When you click on an area with the Identify icon, it will identify the soil maps and map units that cover that area. If you have any questions, please email soils@qld.gov.au