

Using GeoVic to search for boreholes with available core & cuttings

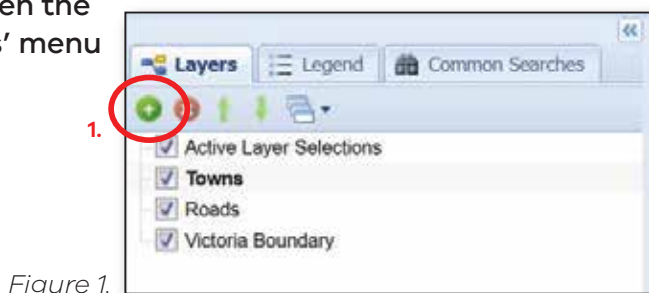
GeoVic is a free online mapping application that enables you to build your own earth resource related maps, perform searches and access data, using a huge range of data sources.

One of the many data layers available through GeoVic is the 'Boreholes - with available Core/Cuttings' layer, which can be used to search for boreholes with core or cuttings available for viewing and sampling at the GSV Drill Core Library.

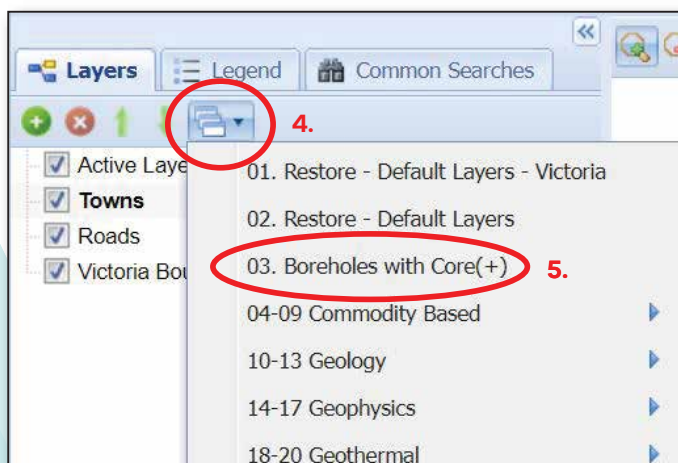
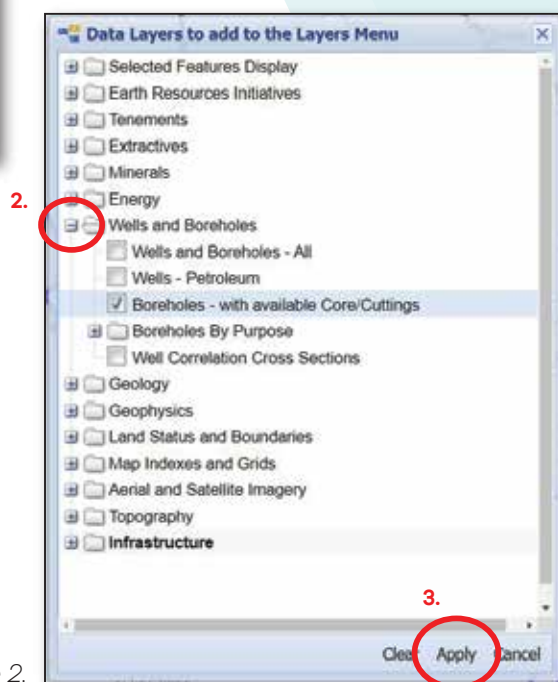
This guide provides a quick overview of how to add the 'Boreholes – with available Core/Cuttings' layer to your map view in GeoVic, as well as a brief introduction to selecting boreholes and exporting data.

Adding the layer

1. Click on the 'Add Layers' button to open the 'Data Layers' menu (Figure 1).



2. Click on the blue plus next to the 'Wells and Boreholes' folder and select the 'Boreholes – with available Core/Cuttings' layer (Figure 2).
3. Click the 'Apply' button.



4. An alternative way to add this layer is to click the 'Add Theme' button (Figure 3).
5. Select '03. Boreholes with Core(+)'.

Figure 3.

- Once the layer has been added, the boreholes will appear on the map (Figure 4).

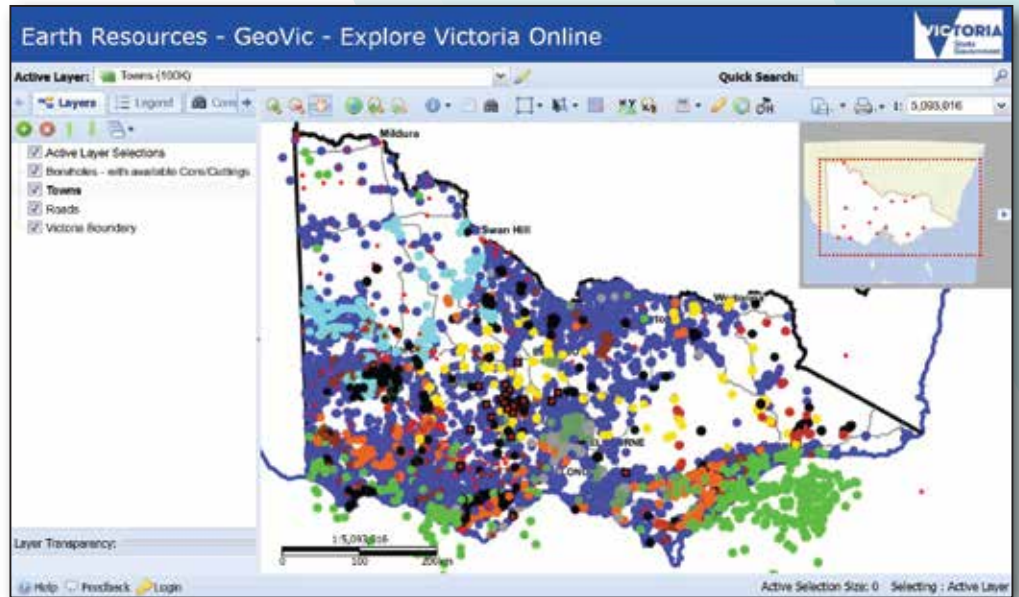
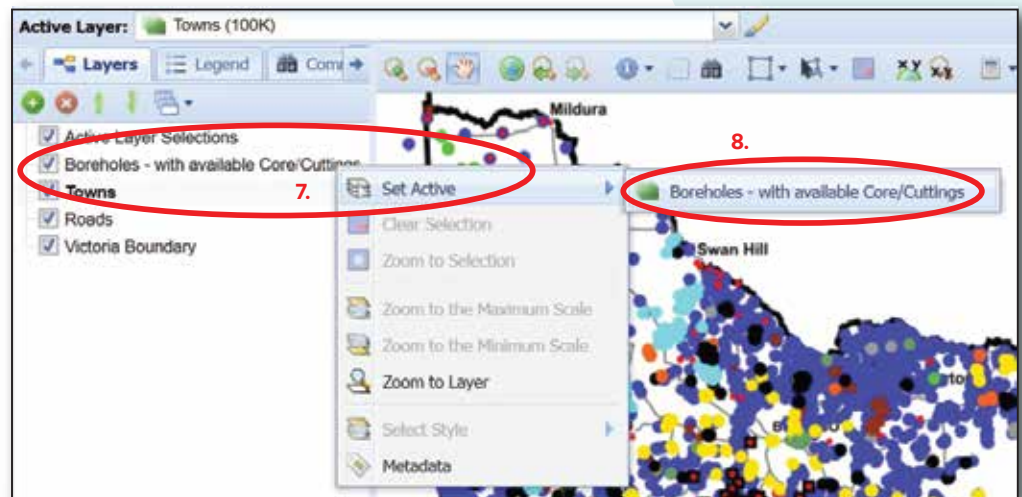


Figure 4.

Making the layer active

To select or search for boreholes in this layer, the 'Boreholes - with Available Core/Cuttings' layer must be made active.

- Right click on the layer and hover the mouse over "Set Active".
- The option 'Boreholes - with available Core/Cuttings' will appear. Select it to make the layer active (Figure 5).



Selecting boreholes in the active layer

Select using the Common Searches tab

- Use the 'Common Searches' feature to search by Method (e.g. diamond drilling, RC drilling), Purpose (e.g. gold, base metals, groundwater), Company Name and more.
- Apply the desired filters and click 'New' to display the boreholes with the selected attributes with a yellow outline (Figure 7).

Figure 6.

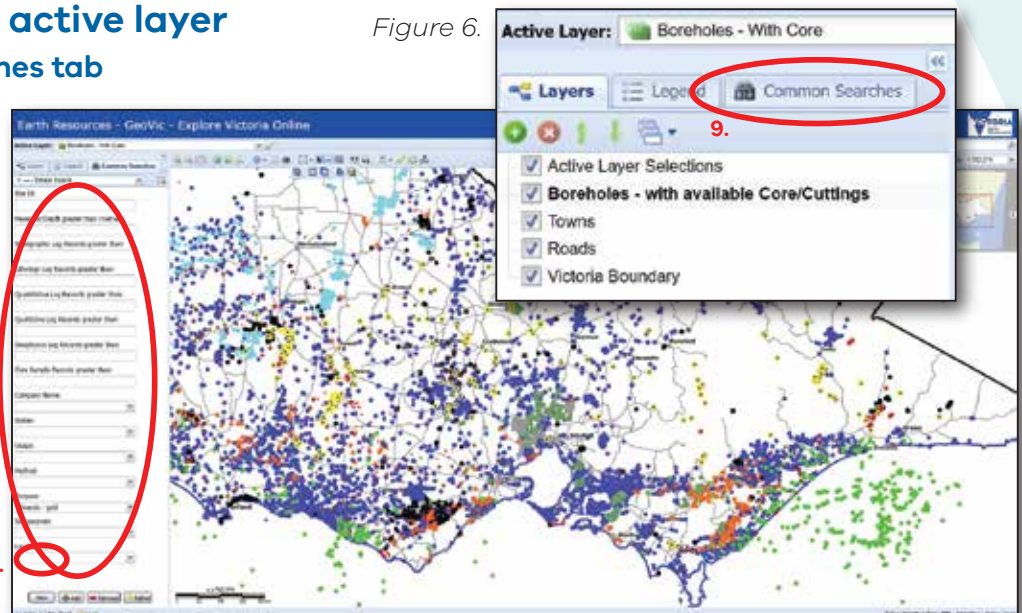



Figure 7.

Select using the Select Features tool

12. To select groups of boreholes in a specific area on the map click on the 'Select Features' button, , choose a shape to select with, then click and drag the mouse across the required area to select the desired boreholes (Figure 8).

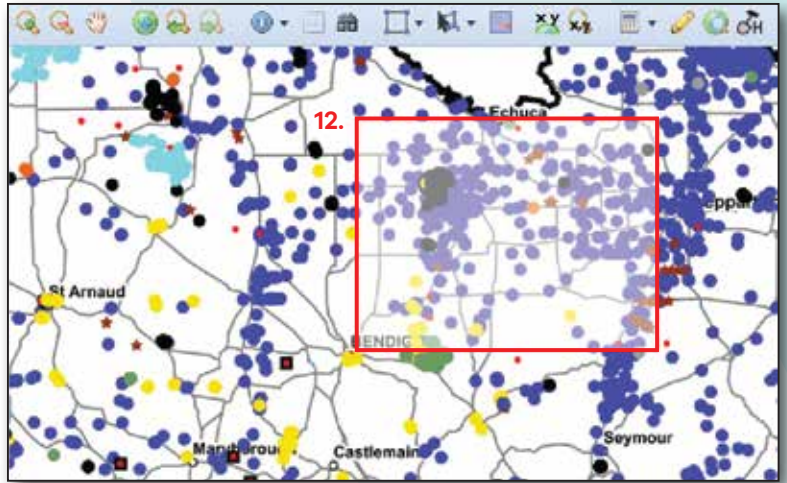



Figure 8.

Using advance feature selection tools

The 'Advanced Search' tool  can be used for more advanced or specific queries.

The 'Buffer' or 'Intersect' tools  allow the user to search for bores within a specified distance of a defined feature, or that intersect a feature (such as a tenement boundary). See the **GeoVic Help Guide** (below) for more information to learn how to use these features.

To clear your selection

Click the 'Clear the selection from the Active Layer' button  on the main toolbar.

View and Export data

13. Click on the 'Tabular View' button  to present the selected borehole feature in a table.

14. The table contents can be exported to various formats. Click the 'Export' button and select the desired format to export the data (Figure 9).

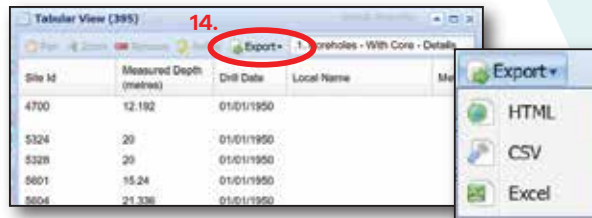


Figure 9.

GeoVic Help Guide

For more information regarding the functionality of GeoVic, please download a copy of the GeoVic Help Guide, available at the following link:

resources.vic.gov.au/geology-exploration/maps-reports-data/geovic

Drill Core Library Bookings

To view or sample a borehole at the GSV Drill Core Library, please make a booking enquiry via the email address below. Please note the Drill Core Library is open by appointment only.

Contact us

Address 18 South Road, Werribee, VIC 3030

Phone 0417 407 256

Email gsv.drillcorelibrary@deeca.vic.gov.au

Website resources.vic.gov.au/geology-exploration/maps-reports-data/drill-core-library

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