1. Click on Link to Online GIS page
2. National Datasets online GIS page appears
   Choose a starting map theme: All available datasets
   Choose a starting map extent: Australia
3. Click on 'Java' button
4. A new interactive browser window displays.
5. This window is split three ways. The large window on the left is for display of metadata. The smaller window on the top right is for layer control by the user, the third smallest window is used as a reference map.
6. In the layer control window click on the check box labelled airborne geophysical surveys then click GO at the top of the screen.
7. The next page is a brief description of each of the display buttons in the main window.

Most of this page is applicable to both the java and no-java versions of the application. Help specifically for the java application is written in navy blue.
This page is best viewed at 1024 x 768 resolution, with at least 32768 colours.
This mapping system allows the user to add a variety of themes, zoom in and out, pan, and select the attributes of displayed themes.
The mapping system starts with the Australian coastline theme active (this layer cannot be turned off). The user can add themes by selecting them from the menu at the right of the page.
Basic navigation is done using the 5 buttons at the right of the image:


This button is for zooming in. Select this button, drag a box in the main map and the view will redraw, zoomed in to the selected box. In the no-java version, just click in the map rather than dragging a box.


This button is for zooming out. Select this button, click on a point in the main map and the view will redraw, zoomed out with the selected point in the centre of the view.
Note: There are limits on how far you can zoom in and out.


This button is for panning. Select this button, click on a point in the main map and the view will redraw, with the selected point in the centre of the view.


This button is for querying displayed features. Select this button, *click on a feature* in the main map and attributes of the selected feature will be displayed in a popup window.


This button is for querying displayed features. Select this button, *drag a box* in the main map and attributes of all features within the box will be displayed in a popup window.

The legend (menu on the right) allows the user to select multiple vector themes to overlay on the map. Some themes, particularly geological polygon themes, are available as both transparent and opaque polygons. Only one opaque polygon or raster theme may be selected at any one time. Click *GO* to apply changes to theme selection. Several themes (indicated with a *) contain large amounts of data and are extremely slow to download (a few minutes). These themes will only draw efficiently at scales larger than 1:10,000,000. The *maximum scale* at which a map will draw is 1:2,000,000.

At the top and bottom of the legend is a link to the key. This image shows the colours of all displayed themes and their associated label values. This button is in the toolbar, at the top of the page.

Metadata (information about the datasets) can be obtained by clicking on

the metadata icon, located beside each layer name in the legend or by clicking on a layer name in the legend.

The user also has the choice of which layers to display in the legend. This is achieved by selecting this button from the toolbar at the top of the page. Select which themes you wish to display by clicking in the appropriate check boxes.

The *reference map*, in the bottom right hand corner of the screen, shows the location of the view (displayed as a black rectangle) in relationship to the digital elevation image of Australia. This reference map can be removed in the *layer control* function: select from the three options on the pop-up menu: 'on' (this is the default), 'off' and 'separate window'. Navigation is also possible using the reference image. The main view will be redrawn, centered at the point clicked on in the reference image.

These buttons (located in the toolbar) allow the user to zoom to a selected city, mine or geological region respectively. Just click on one of these buttons, select an option from the pull-down menu and the main map will zoom to that area.

Clicking on this button resets the main view to be all of Australia.

The projection of all data is Lambert conformal conic, with 2 standard parallels of -18° and -36° south. The central meridian is 134° east. The latitude of origin is 0°. The datum is WGS84.

You can change the size of the output image by selecting an image size in pixels from the lookup table, located under the main map. The image size control is located in the toolbar.

Note: Larger maps take longer to download.