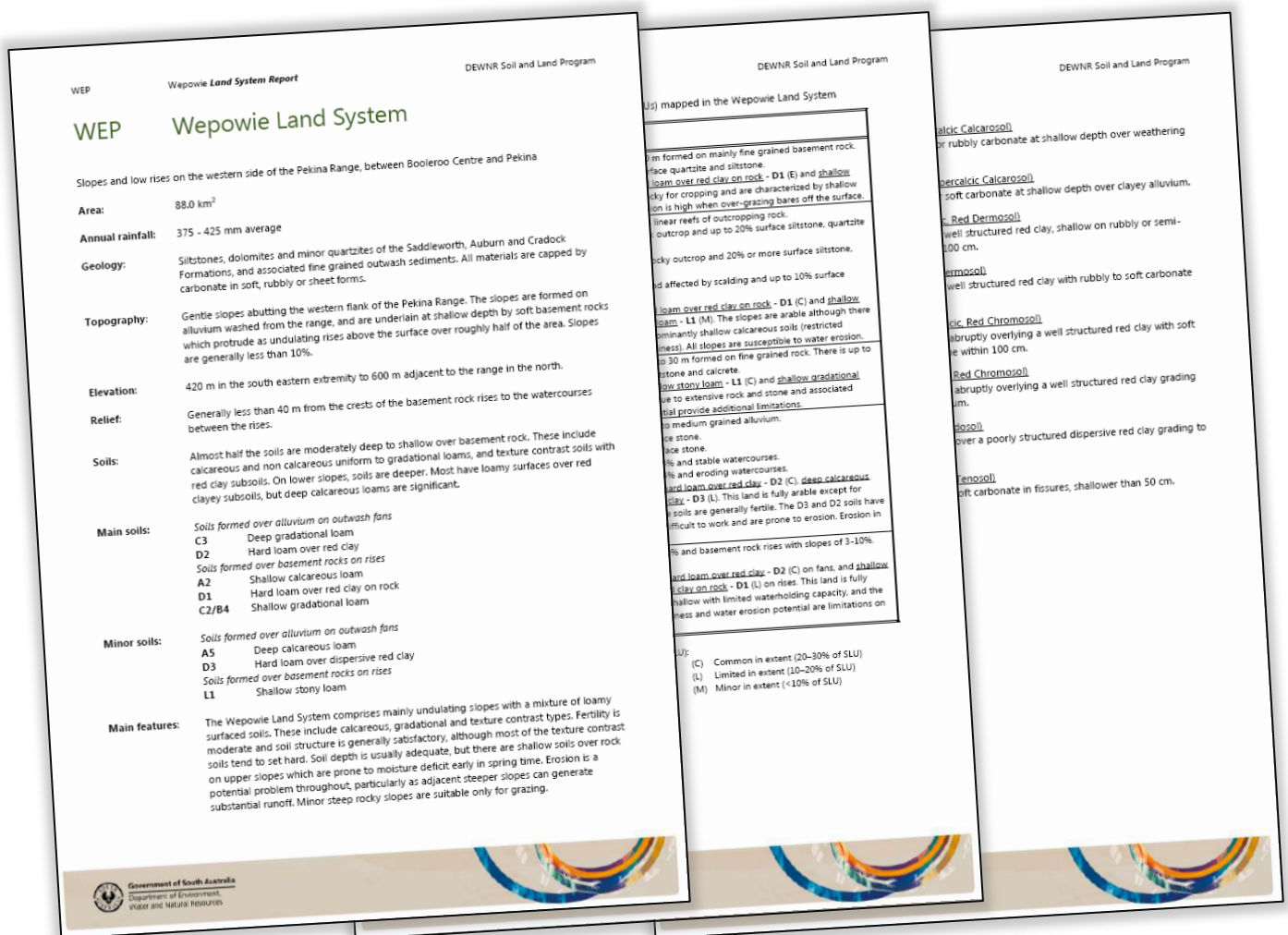# Accessing Land systems reports in ESRI® ArcMap®

LANDSCAPE_Biophysical_L4LandSystems_shp.zip contains:

- **LANDSCAPE_Biophysical_L4LandSystems.shp**: ArcMap shapefile
- **LANDSCAPE_Biophysical_L4LandSystems.lyr**: ArcMap layer file

Land systems are recognisable broad landscape features defined by distinctive patterns of geology, topography, soils and vegetation, within a limited climatic range. 864 *Land systems* have been described within southern South Australia within the hierarchical mapping framework (State Land and Soil Information Framework) developed by the State Land and Soil Mapping Program. *Land systems* also represent groupings of *Soil landscape map units*. More information about *Land systems* and *Soil landscape map units* can be found here.

Each *Land system* has an associated report. A standard *Land system report* includes: overview information on location, area, rainfall, geology, topography, soil types, main features plus summaries of component *Soil landscape map units*, and extended descriptions of soil types specific to the *Land system*. *Land system reports* are stored on Enviro Data SA and can be hyperlinked within your ArcMap project using embedded links in the ArcMap layer file as explained overleaf. This enables you to open, view and save *Land system reports* direct from your GIS.
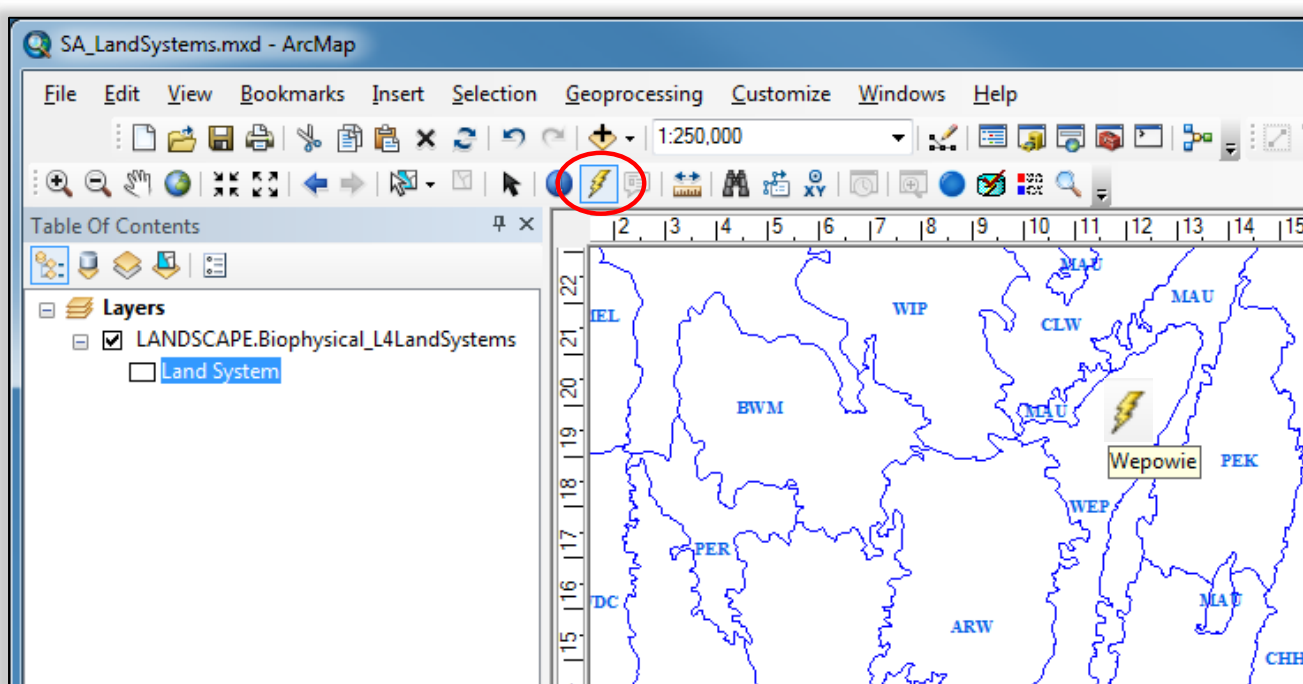
Viewing *Land systems and reports* in ArcMap

The following guide will help you access *Land systems and reports* in ESRI ArcMap (basic GIS knowledge is expected):

1. Extract contents of **LANDSCAPE_Biophysical_L4LandSystems_shp.zip** to your computer

2. Open ArcMap

3. Add the **LANDSCAPE_Biophysical_L4LandSystems.lyr** layer file to your ArcMap map document

4. Select the Hyperlink Tool ⚡ from the Tools toolbar. Click on a *Land system* of interest. This will automatically open the associated *Land system report*.
   Hyperlinks have been set up in the layer file to view *Land system reports* from a repository on the Enviro Data SA website (https://data.environment.sa.gov.au/Content/Land-System-reports/)

5. The *Land system report* can be viewed and saved.

Further information

- Land systems and reports fact sheet
- View data on NatureMaps (→ Soils)
- Read the metadata for this layer
- Read more about soil and land information
- Contact Mapland

Downloads:
- Spatial dataset
- Assessing Agricultural Lands (Maschmedt 2002)
- Soils of Southern SA book Part 1 and Part 2

Troubleshooting

Q: Why does the layer name have a red exclamation mark ☑❗ next to it and why isn't the layer displaying in ArcMap?

A: The link to the source data has been lost. To set the data source, right-click the check box next to the exclamation mark. In the Set Data Source dialog, navigate to the data to re-establish the link.

Government of South Australia
Department of Environment,
Water and Natural Resources