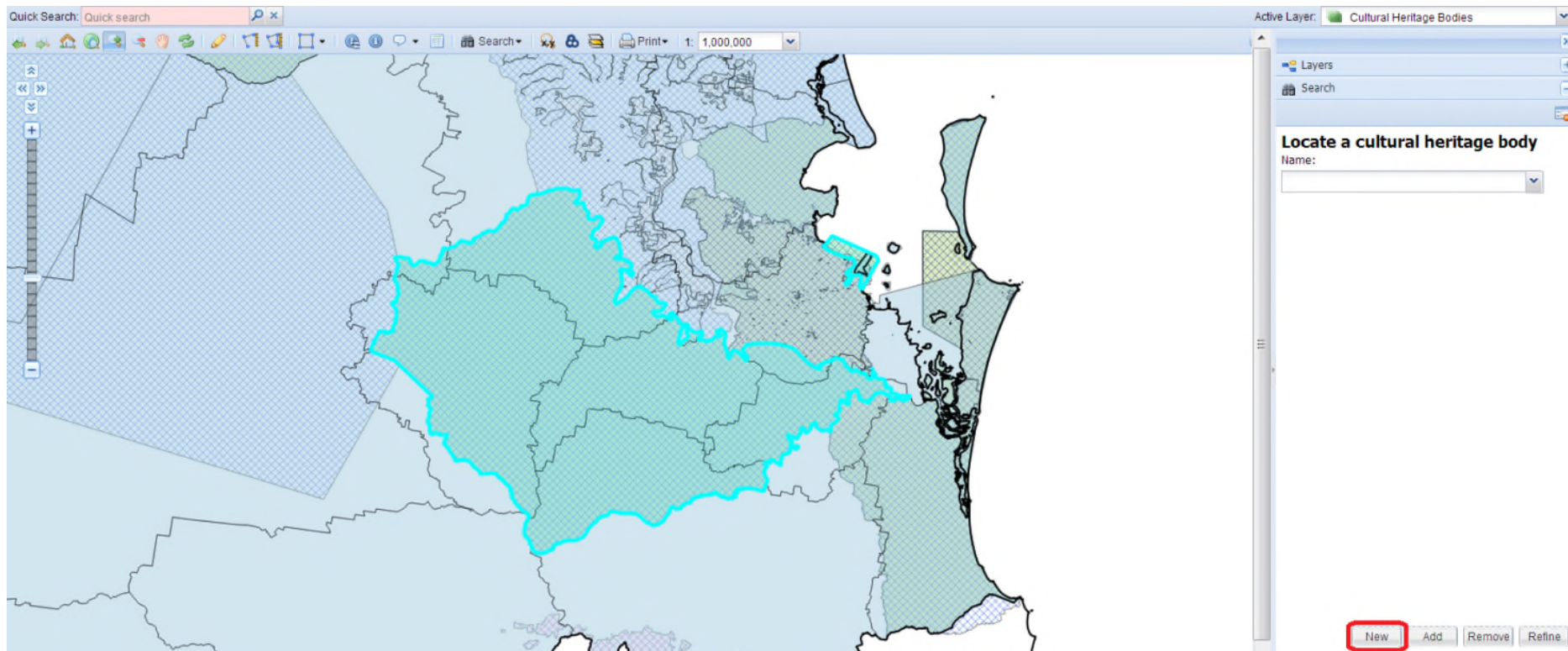


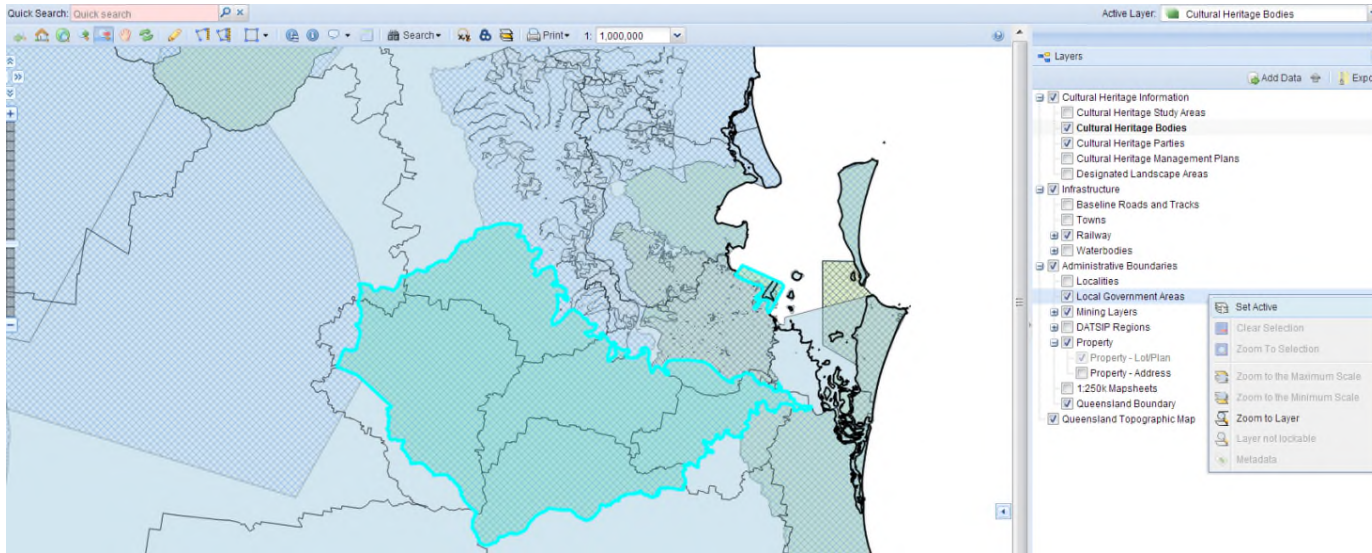
## 2.6 Intersecting different layers

The intersect tool allows you to overlay two layers, for example cultural heritage bodies and Local Government Areas (LGAs) to determine how much of one layer exists within the other.

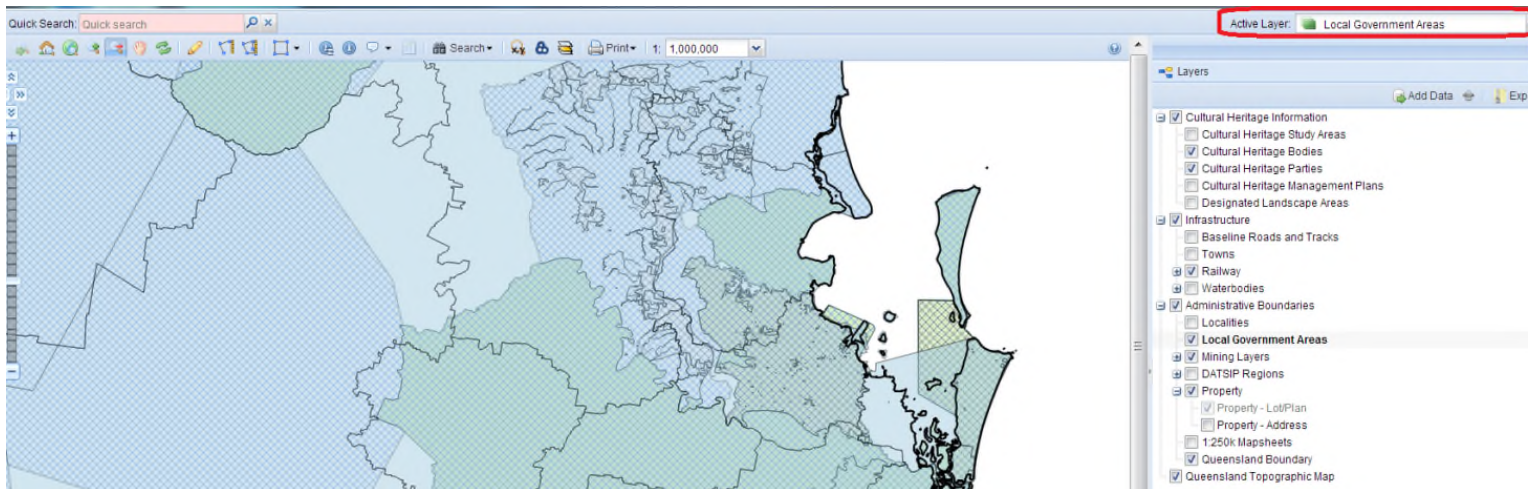
For example: to determine the LGAs that exist within the Jagera cultural heritage body, find the Jagera cultural heritage body using either the **Quick Search** or the **Search** tool. The cultural heritage body will be identified and highlighted.



Set the LGA layer to be active by right clicking on the LGA layer and setting it as active in the right-hand pane.

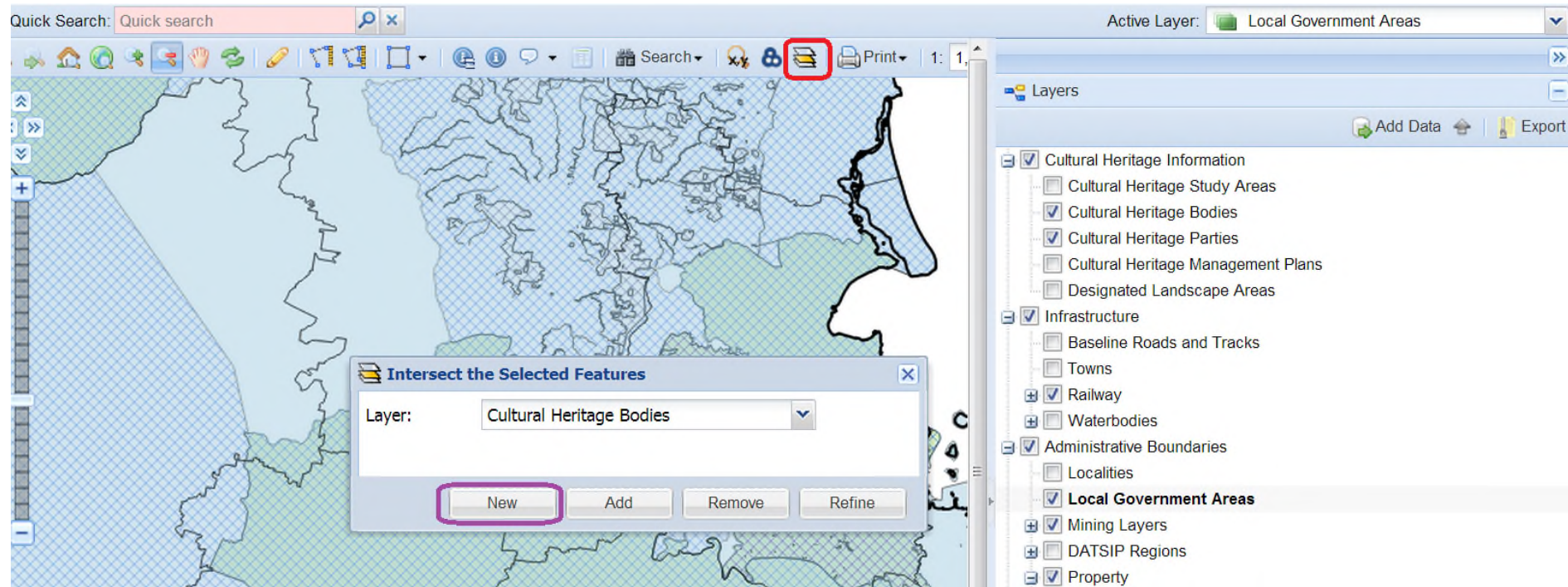


The cultural heritage body selection will disappear temporarily and the LGA will be selected as your active layer.





Click on the **Intersect** tool, and then click on the **New** button.



The cultural heritage body will appear in red and the LGAs intersected with the cultural heritage body will appear in light blue. The results will display in the data grid below highlighted in purple. The information can then be exported if required using the **export** tool highlighted below in green.

The screenshot shows a GIS application interface. The map displays a red polygon representing a cultural heritage body and several light blue polygons representing intersected Local Government Areas (LGAs). The interface includes a toolbar with various tools like Pan, Zoom, and Search, and a data grid at the bottom. The data grid is highlighted in purple and contains the following information:

Ogr Fid	Fid	Admintypen	Adminarean	Lga Code	Abbrev Nam	Shape Area	Shape Len
45	44	LOCAL GOVERNMENT	REDLAND CITY	6250	REDLAND CITY	0	0
14	13	LOCAL GOVERNMENT	LOGAN CITY	4590	LOGAN CITY	0	0
76	75	LOCAL GOVERNMENT	GOLD COAST CITY	3430	GOLD COAST CITY	0	0
48	47	LOCAL GOVERNMENT	SCENIC RIM REGIONAL	6510	SCENIC RIM REGIONAL	0	0