

# Mapping

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## Mapping the Data

### Heritage Places

Information on places listed on the Tasmanian Heritage Register are available at <https://www.thelist.tas.gov.au/> and can be exported using the ‘Export’ feature under ‘Tools’ as shown on Figure 1.

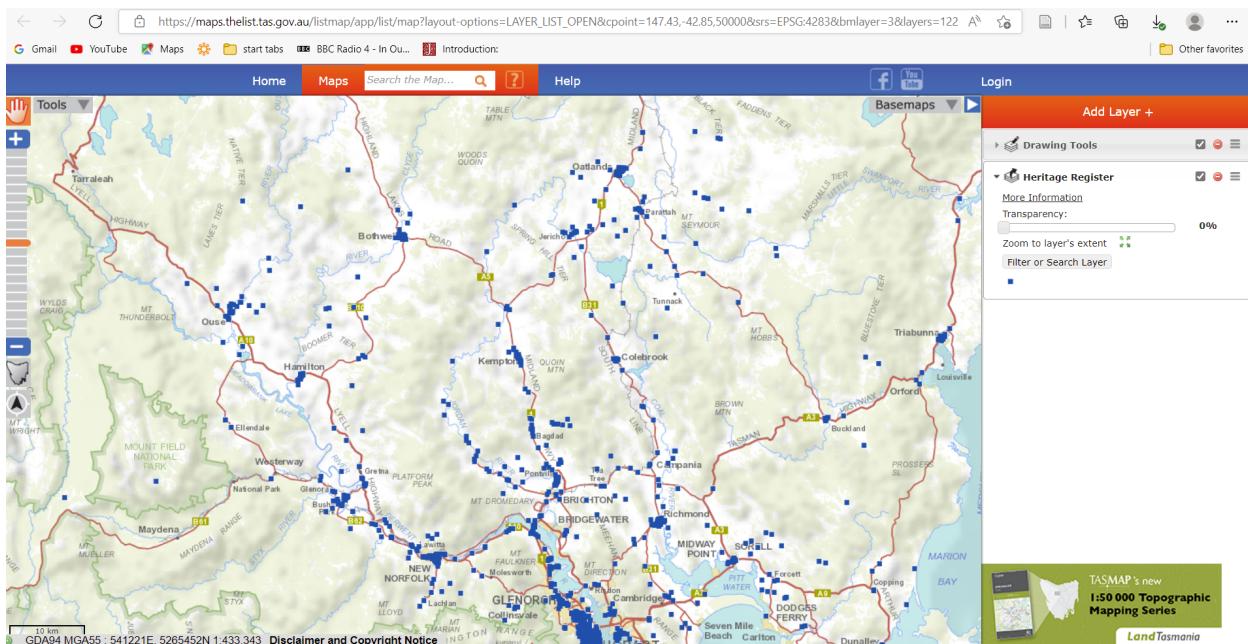


Figure 1: Screen shot from Listmap website

The exported data is emailed, and the files can then be unzipped into the QGIS project folder, and added to a layer of the map. The file added in this case was HeritageRegister.shp.

By filtering the attribute table to records with a location of Kempton, adding labels with a call out, and moving the labels for better readability, the image shown in Figure 2 was created and exported as a Print Layer.

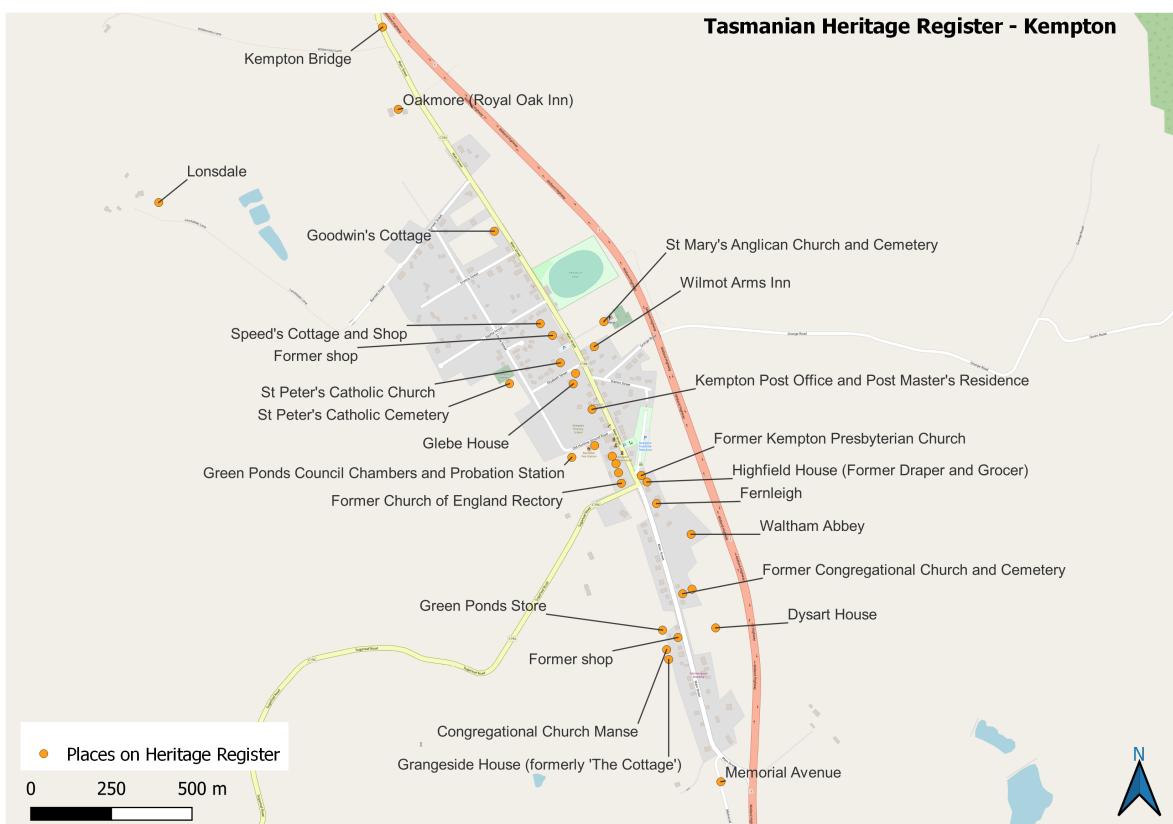


Figure 2: Figure 2: Places in Kempton listed on the Tasmanian Heritage Register

## Georeferencing a Map

A QGIS tutorial on georeferencing was used to overlay a town chart from the Tasmanian State Library showing land grants in Green Ponds / Kempton.

Through a series of trial and error attempts to match the chart to the QGIS OpenStreet base map, the following settings gave the best results:

- Transformation Type : Projective
- Target SRS : EPSG:3857 - WGS 84 / Pseudo-Mercator
- Selected CRS (the button next to Target SRS) : Unknown datum based upon the Australian National Spheroid

Once the Georeferencing was complete, the transparency of the overlay was set to 30% to allow both the overlay and the underlying base map to be visible. The resulting Print Layout image is shown in Figure 3.

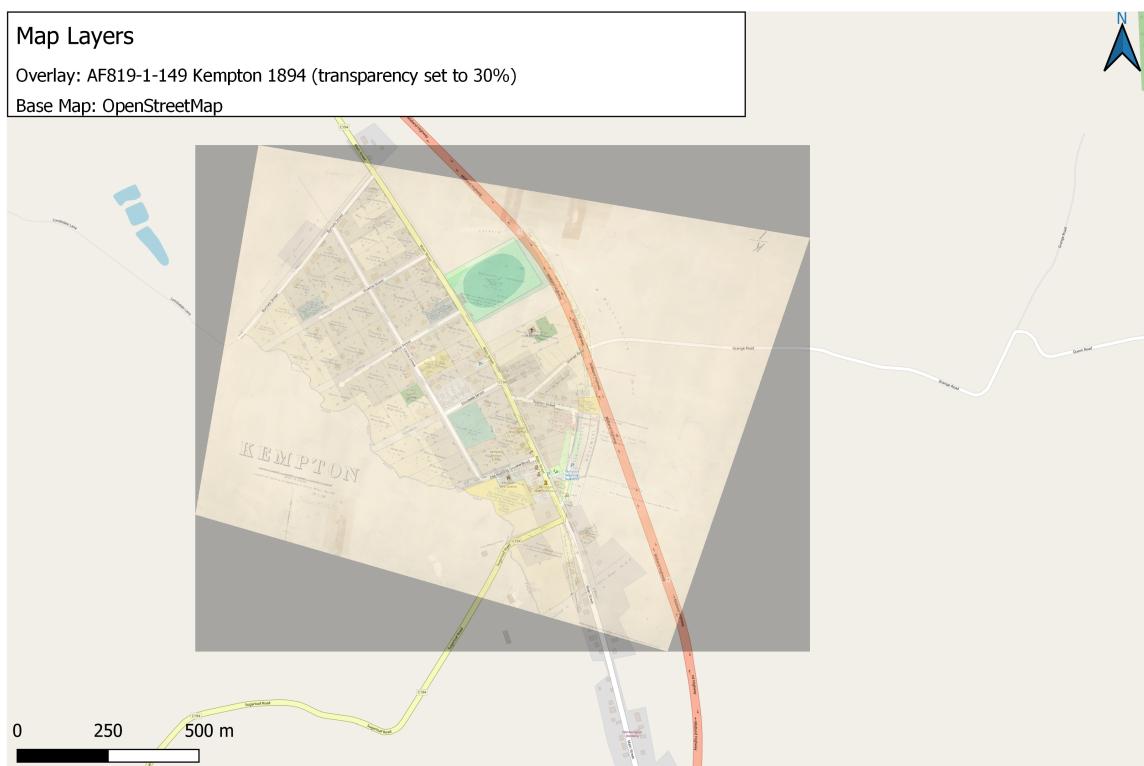


Figure 3: Printed Town Chart overlay

Sources:

(“Georeferencing Topo Sheets and Scanned Maps — QGIS Tutorials and Tips,” n.d.)

[https://www.qgistutorials.com/en/docs/georeferencing\\_basics.html](https://www.qgistutorials.com/en/docs/georeferencing_basics.html)

“Georeferencing Topo Sheets and Scanned Maps — QGIS Tutorials and Tips.” n.d. [https://www.qgistutorials.com/en/docs/georeferencing\\_basics.html](https://www.qgistutorials.com/en/docs/georeferencing_basics.html).