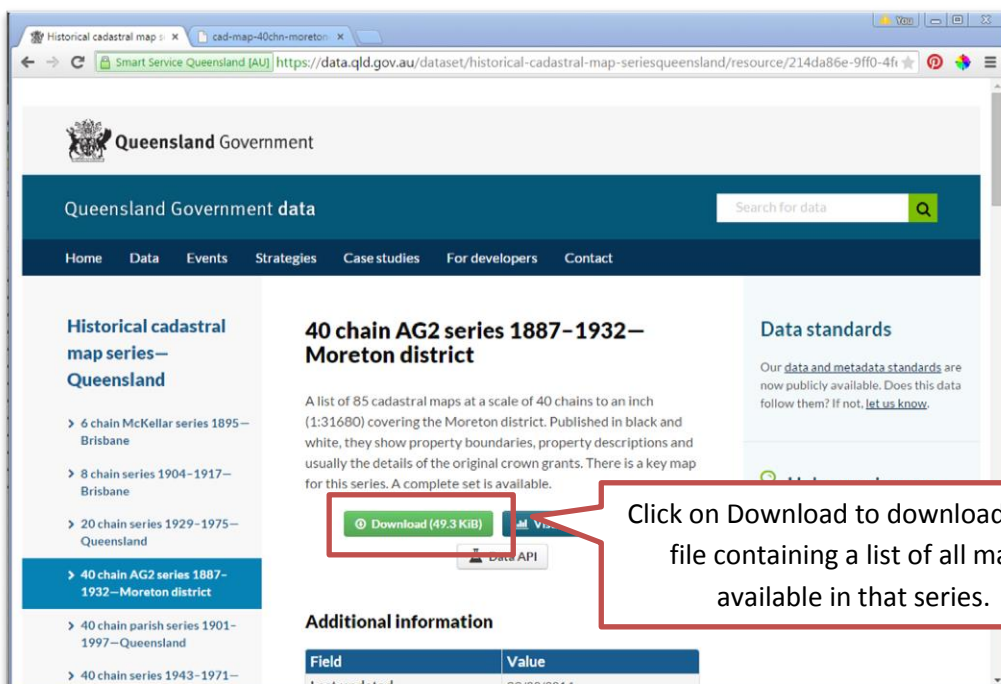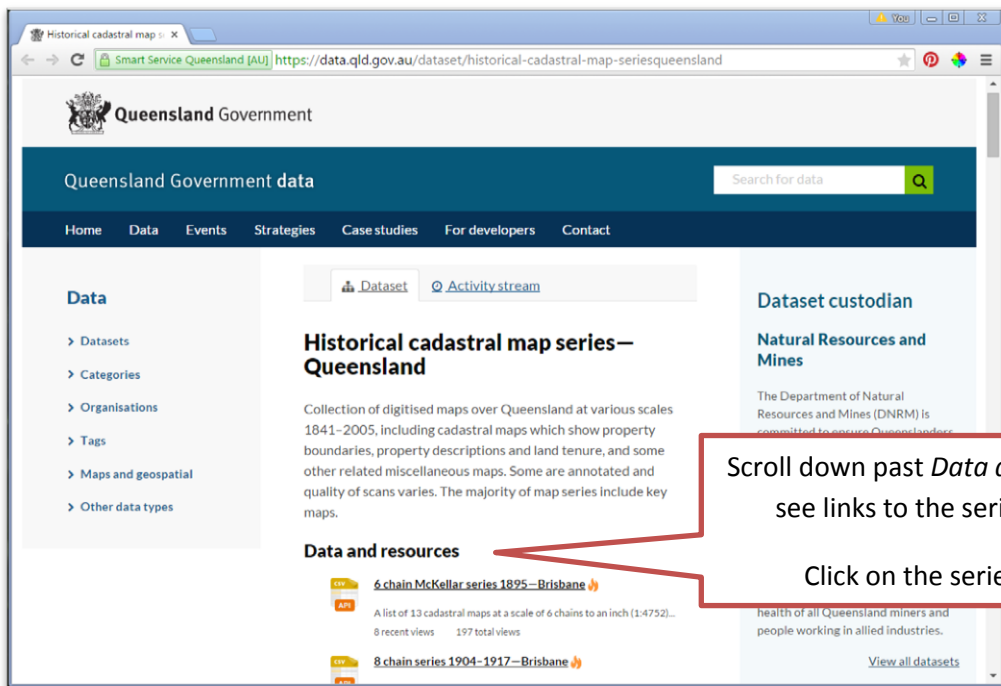# Downloading DNRM Maps and Plans

DNRM = Department of Natural Resources and Mines previously Survey Office Department of Public Lands.

First Step – Downloading the index files

Open the DNRM Historical Maps and Plans page https://data.qld.gov.au/dataset/historical-cadastral-map-seriesqueensland

This page contains the link to a number of data sets each containing maps or series pertaining to different series or sets of maps, eg the 40 chain Moreton parish maps.
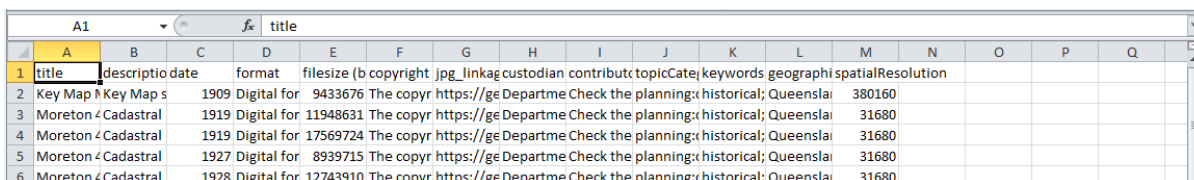

Scroll down past *Data and Resources* to see links to the series available.

Click on the series desired.

Click on Download to download a CSV file containing a list of all maps available in that series.

Depending on your settings, clicking *download* will automatically download a CSV file to the download folder on your computer, or invite you to **Open** or **Save** the file. Once downloaded, click to open the file.

About CSV Files.

If your computer has Excel or another spreadsheet program installed. The file will open in that.

CSV are a generic comma delimited text files. Essentially each row holds a record with the individual fields being one category. Eg... Title, description, date, format, etc etc. Excel will neatly put each field into its own row with the categories being in columns.

The only trouble is that there is too much text for the column width. You can alter the column widths by moving your mouse over the link between each column. When it changes to the resize pointer (see image right). Click and drag the line to the right. You can make the column smaller by dragging to the left.
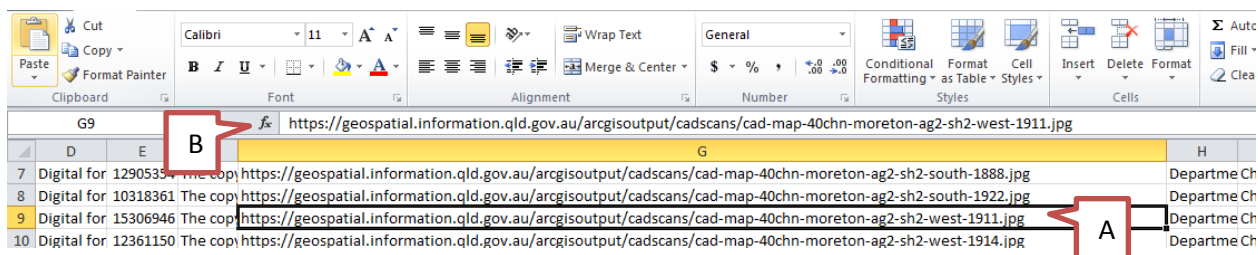
We recommend increasing the size of column **G**. This will give you the web address for where you can identify the name of the map plus use it to download the actual map.
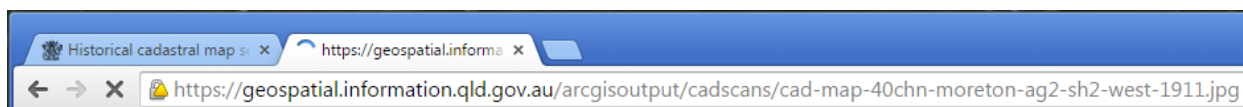
Eg...*https://geospatial.information.qld.gov.au/arcgisoutput/cadscans/**cad-map-40chn-moreton-ag2-sh2-west-1911**.jpg* tells me that this is *1911* version of *Sheet 2 West* of the *Moreton 40 chain* maps.

To download the map.

1. Click on the name of the map (A). Note how the field now appears in the formula bar at the top of the page (B).
2. Select all the text in the formula bar (from https://   *to*   .jpg)
3. Copy it

4. Paste it into the address bar on your browser and press enter.

The map image file will start to download in your browser. Please note these are large files (the example is 15.3Mb) so depending on the speed of your Internet connection, each map may take a while before they have completely downloaded into your browser.

But The Downloaded Map Is Too Small To Read

Place your mouse on top of the map roughly where you wish to look closer. When the pointer changes to a magnifying glass with a + press the mouse button.

Clicking using the enlarge pointer will bring the magnification up to full size. Clicking again will reduce the size back to thumbnail.

Saving The Map

In your browser, click on **File** then **Save as…** and specify where you want to save it. Alternatively right click over the image and select **Save Image As** or **Save Picture** As (depending on your browser) from the popup menu.
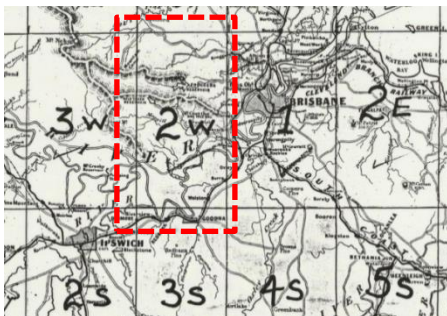
You can then view the file saved on your computer with Windows Photo Viewer (Preview on a Mac) or edit in whatever image editing software you have installed.

How To I Find A Map of ….

Its worth looking at the Key Maps of each series. These Key Maps are listed as the first map at the top of the CSV file you downloaded for the series you chose.

	A	B	C	D	E	F	G	H	I	J	K
1	title	descriptio	date	format	filesize (b	copyrigh	jpg_linkage		custodian	contributo	topicCate	keywor
2	Key Map Moreton District 40 Chain AG2 series	Key Map s	1909	Digital form	9433676	The copy	https://geospatial.information.qld.gov.au/arcgiso	Departme	Check the planning:c	historic
3	Moreton 40 Chain map AG2 series sheet 1	Cadastral	1919	Digital form	11948631	The copy	https://geospatial.information.qld.gov.au/arcgiso	Departme	Check the planning:c	historic
4	Moreton 40 Chain map AG2 series sheet 1 part	Cadastral	1919	Digital form	17569724	The copy	https://geospatial.information.qld.gov.au/arcgiso	Departme	Check the planning:c	historic

By enlarging the key map, you will notice that it has been broken into numbered grids.

This is from the *40 chain Ag2 series – Moreton district*.

If I was looking for information on Mount Cootha, then I would need to download map (sheet) 2w (west) which would appear on the CSV file as *cad-map-40chn-moreton-ag2-sh2-west-1911.jpg*. This is the version from 1911

Or as you can see from this extract of the 40 Chain Moreton District CSV file I could have downloaded the 1914, 1925 or 1928 versions.

	Font	Alignment	Number	Styles
fx	https://geospatial.information.qld.gov.au/arcgisoutput/cadscans/cad-map-40chn-moreton-ag2-sh3-south-1925.jpg
F	G
: copy	https://geospatial.information.qld.gov.au/arcgisoutput/cadscans/cad-map-40chn-moreton-ag2-sh2-west-1911.jpg
: copy	https://geospatial.information.qld.gov.au/arcgisoutput/cadscans/cad-map-40chn-moreton-ag2-sh2-west-1914.jpg
: copy	https://geospatial.information.qld.gov.au/arcgisoutput/cadscans/cad-map-40chn-moreton-ag2-sh2-west-1925.jpg
: copy	https://geospatial.information.qld.gov.au/arcgisoutput/cadscans/cad-map-40chn-moreton-ag2-sh2-west-1928.jpg

Map scale

The map scale indicates detail available eg 20 chain to an inch [quarter mile map] maps show more detail than 40 chains to an inch [half mile map] maps which show more detail than a mile to the inch which in turn shows more detail than a 2 mile to the inch map. 1:2500 shows more detail than 1:10,000 which shows more detail than 1:25,000 scale maps. Two examples of the scale coding system; 40 chains to an inch scale maps show 40 chains on the ground represented by one inch on the map and 2 miles to an inch scale maps show 2 miles on the ground represented by one inch on the map.

The general rule in a metric situation is 1 centimetre represents 10,000 of the same units on the ground. Maps with a scale of 1:25,000 show 250 meters on the ground per centimetre on the map

and maps with a scale of 1:100,000 show one kilometre on the ground on one centimetre on the map in a metric situation. The base unit of measurement can be either 1 inch or 1 centimetre as the case may be. http://pubs.usgs.gov/unnumbered/70039582/report.pdf

Another useful link on map scale is available from Quick Australian map scale guide http://www.ga.gov.au/scientific-topics/geographic-information/topographic-maps-data/basics/what-is-map-scale

This Document

This document was compiled by Susan Cokley (*susan@petan.net*) as a resource guide for downloading the DNRM maps. It may be redistributed in its entirety.

Update History

1/6/2015   Updated to reflect changes to URL of source material and general website appearance.