Hanley Castle

Website Documentation

Extract from 1797 Inclosure map for Hanley Castle

worcestershire
county council

Hanley Castle Maps Website

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> *N.B. These instructions are based on using a PC, not a Mac, to access the Internet.*

Hanley Castle Maps Website

Introduction

The Hanley Castle Maps website allows access to digital versions and/or inclosure or estate map photographs, and the data associated with them (award or terrier information) using an online Geographical Information System or GIS.

A GIS is a computer system that allows storage, manipulation and output of maps (spatial data) as a series of layers referenced to a graphical image of a map.

A GIS works as a series of layers, as shown in Figure 1. The data held on the Worcestershire Historic Environment Record GIS includes layers showing information such as geology, modern parish boundaries and maps that can be used in combination with historic maps, as shown below.
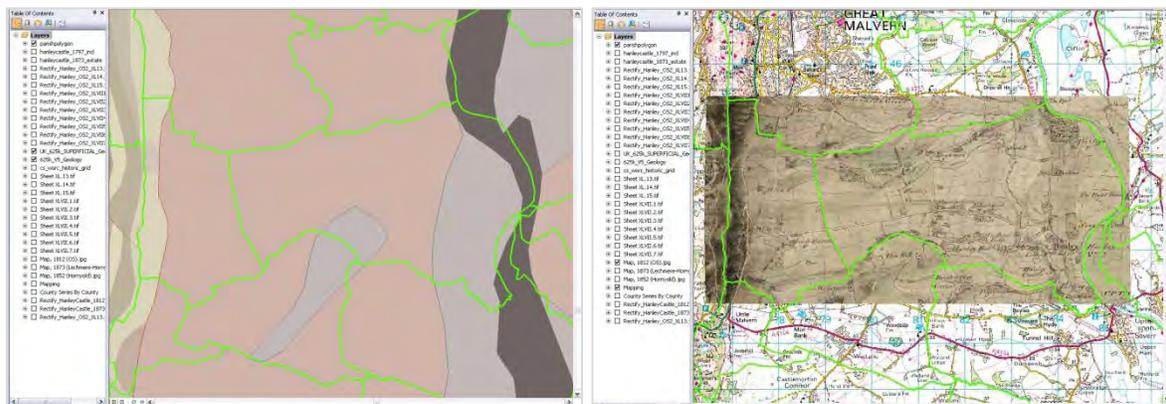
Geology of the area around Hanley Castle and modern parish boundaries
© British Geological Survey

1812 map of Hanley Castle, modern parish boundaries and modern map layers
© Crown Copyright
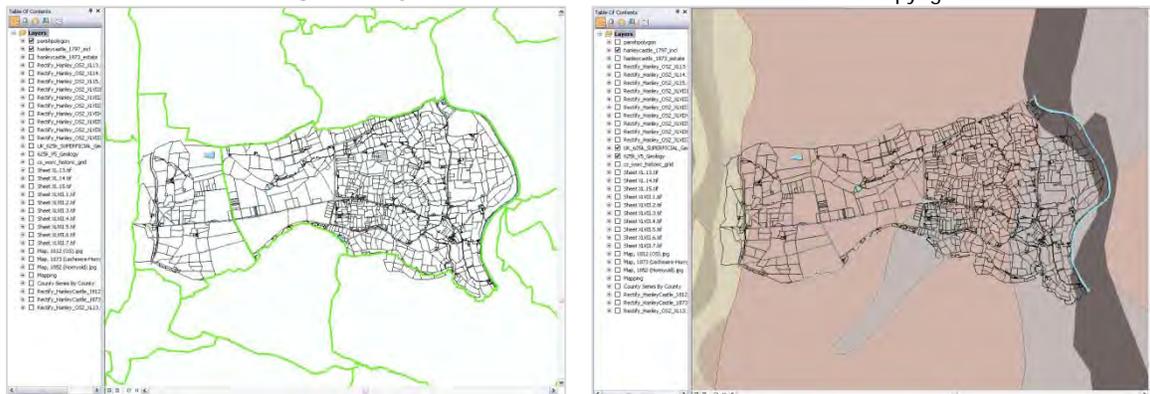
Digitised inclosure map for Hanley Castle (1797) and modern parish boundaries
© Crown Copyright

Geology and digitised Hanley Castle inclosure map layers
© British Geological Survey

Figure 1: Examples of layers of Information held in a GIS: geology, parish boundaries, historic maps and woodlands for the area around Hanley Castle

Some of the above layers have also been made available through the Tithe and Inclosure Map Project and the Hanley Castle Map Project using an online GIS as described below.

Hanley Castle Maps Website

Location

The Hanley Castle maps can be accessed at the following web addresses (or URL) http://gis.worcestershire.gov.uk/website/HanleyCastleMapping/ or through the Worcestershire Tithe and Inclosure Map website www.worcestershiremaps.org.uk. The home page is shown below:

> **Useful Tip:** Please note that this site is best viewed using a good broadband connection. A slow connection will take several minutes to load the site initially and will be very slow, and frustrating, to use.

Figure 2: Website Home Page

Hanley Castle Maps Website

Information about Tithe and Inclosure maps are accessed from the menu options on the left hand side of the screen (as shown by the label above). Use the links at the bottom of the screen (each picture is a link) to view the online GIS information.

Use the 'Help' menu option to download a guide to the Tithe and Inclosure Maps website.

Using the Hanley Castle GIS Website

The map image, shown in Figure 3, displays the maps for Hanley Castle that have been completed as part of this project.
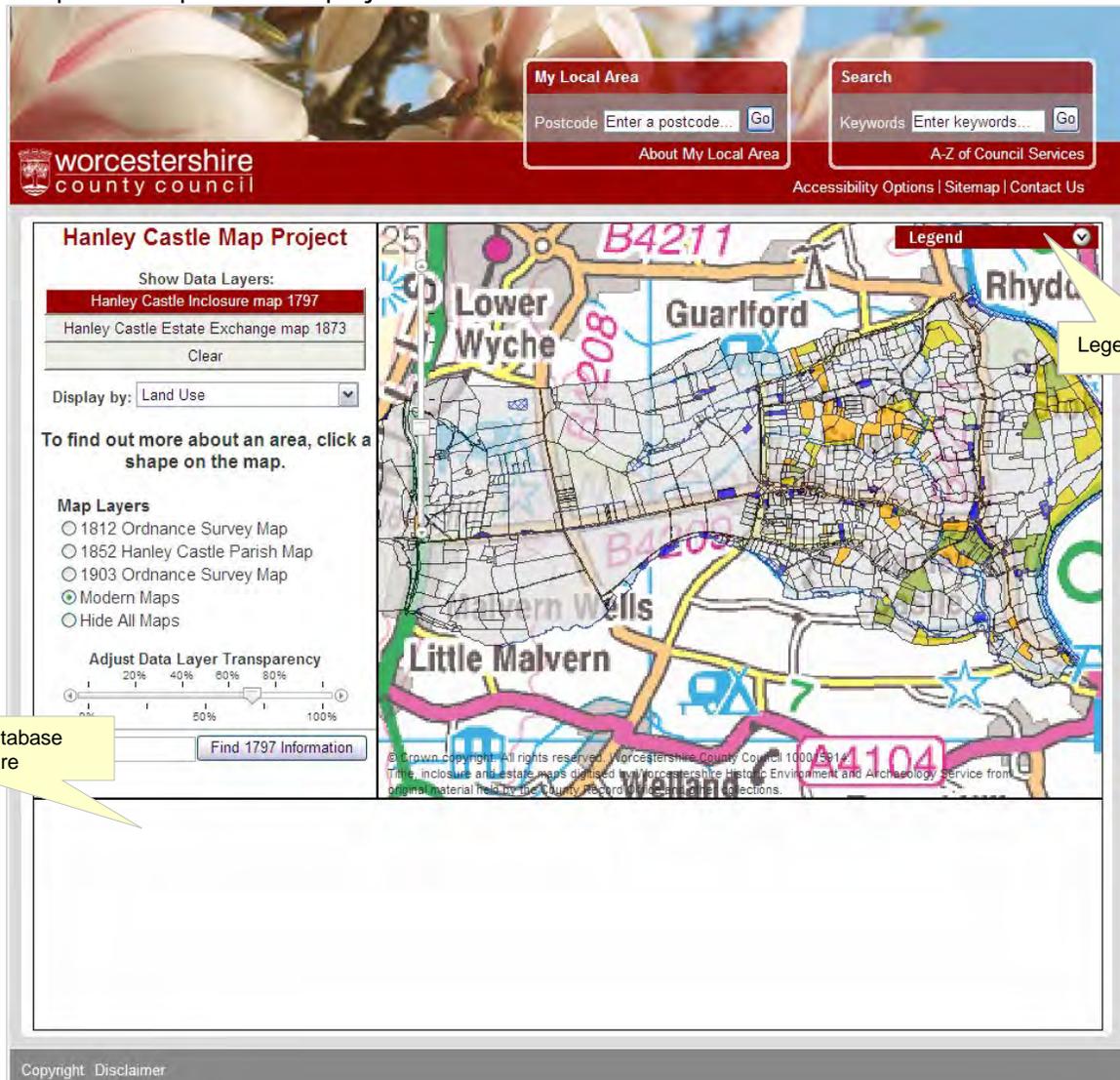
Figure 3: View Maps Page

Legend information can be shown by clicking on the legend icon at the top of the screen (as shown in Figure 3) which will explain what the different coloured areas are. Click on the legend icon again to close the legend information.

Hanley Castle Maps Website

Please note that the maps cover the parish as it was at the time of the original map and not the modern parish.

Map View Area
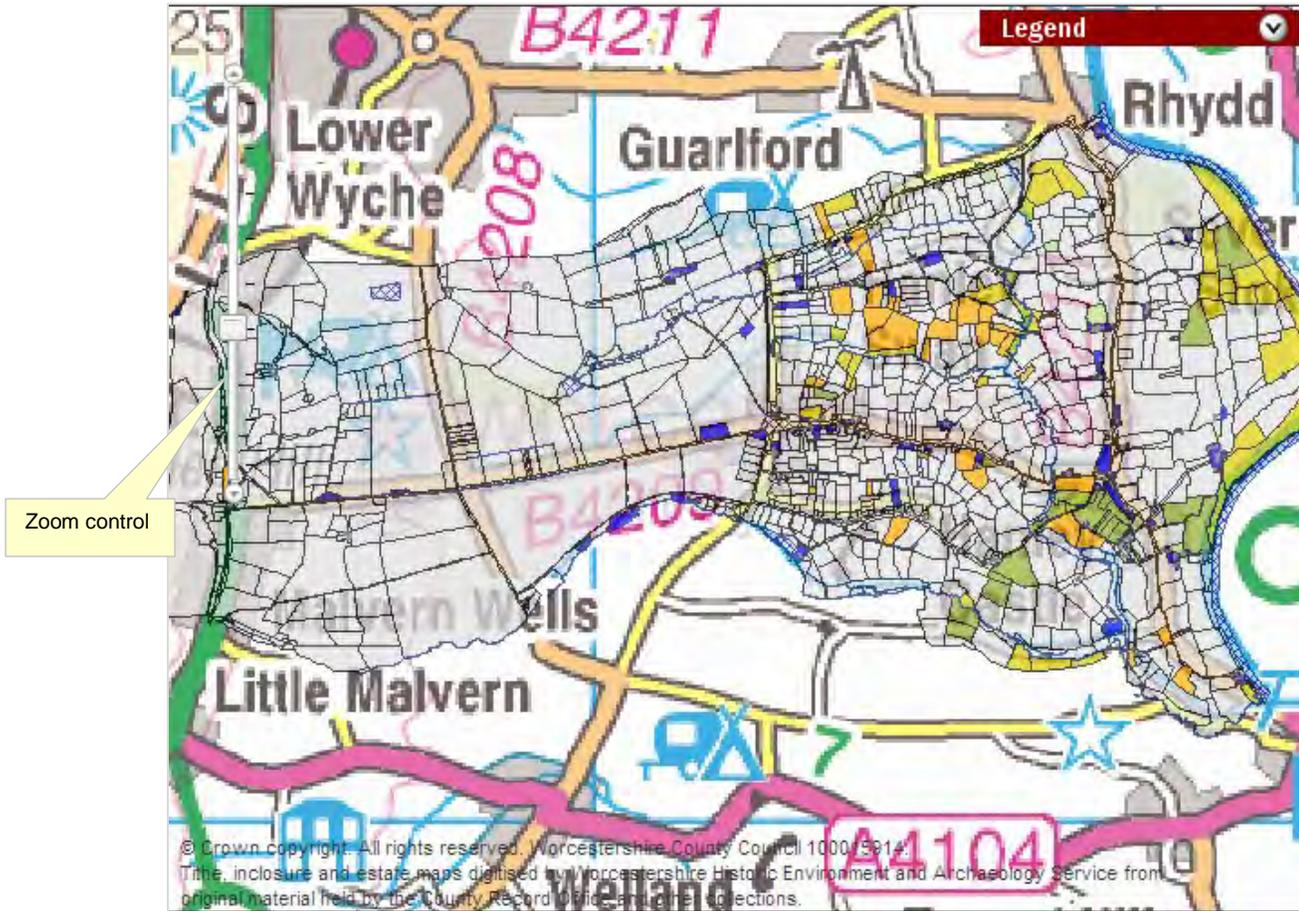
Figure 4: Map View Area

The map view area defaults to show the 1797 inclosure map over the modern map

To zoom in to a specific area **either** click and drag the area to the centre of the Map View area and click on the zoom in arrow or slide the zoom box along the scale, **or**, if the mouse has a wheel between the buttons, place the cursor over the area you want to zoom in to and roll the mouse wheel to zoom in or out.

Clicking on any area of the data layers (i.e. the inclosure or estate map) will display the information held in the database for that layer.

Hanley Castle Maps Website

Map Layers
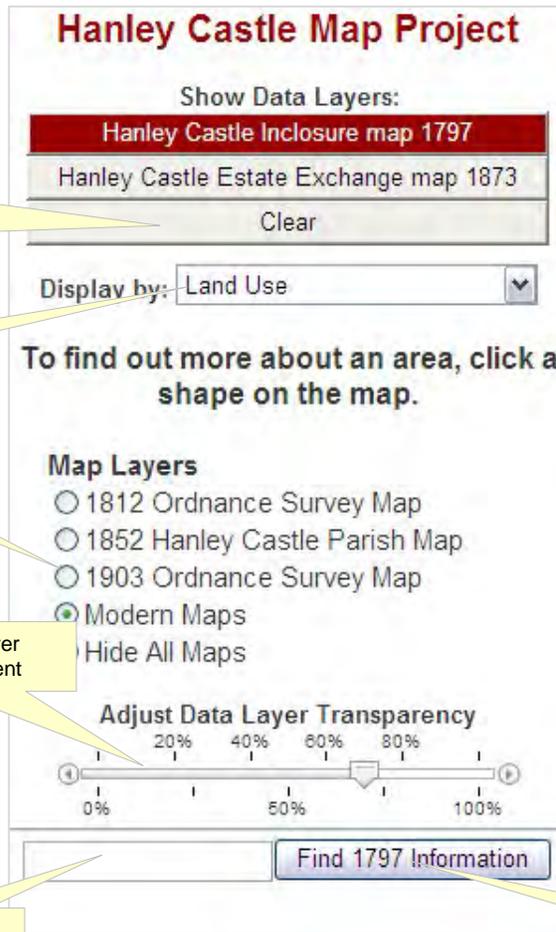
Choose data layer to display or clear to view map images.

Display options

Switch layers on and off

Slide to make data layer more or less transparent

Search database for information

Layer to be searched

Figure 5: Map Layers and tools

The list of available layers for the Worcestershire Maps website is shown on the left hand side of the Map View area.

There are two data layers: the 1797 inclosure map and the Hornyold-Lechmere exchange estate map. The layer highlighted in red (the 1797 inclosure map in Figure 5) is the layer to display and that the 'Find' facility will work on.

Each data layer can be displayed using different properties from the database. For example the inclosure map can be displayed by conjectural land use or by owner information. Click on the **'Display by'** drop down menu to see the layers available for each map type.

The **'Map Layers'** include the map images digitised as part of this project. To view the Data Layers on their own click on the 'Hide All Maps' button.

When viewing inclosure or estate maps it is possible to make this layer more transparent, to display the underlying modern map more clearly, by dragging the marker along the **'Adjust Layer Transparency'** slide towards 0% or further towards 100% to make the layer display solid colours.

Useful Tip: when moving around the map or switching layers on and off, allow the screen to finish updating before selecting the next option.

To access the information for a layer, and identify the field, its owner and land use, click on the field(s) on the screen and the information will display in the area below the map on the View Maps screen (see Figure 3).

Find Records on the Database

The Find facility allows the database attached to the map layer to be searched. The find will work on the inclosure or estate map layer that is being displayed and the results will be highlighted with a yellow outline, i.e. when the inclosure layer is being viewed the find button works on the inclosure map only.

Hanley Castle Maps Website

Input the term to search for in to the box next to the **'Find'** button and click to start the search. The find button label will change to reflect the type of map being queried (i.e. it will show 'Find 1797 Information' when the inclosure map is being searched)

The results will show outlined in yellow on the map and the records will be listed in the area at the bottom of the screen on the View Maps screen (see Figure 3).

The total number of records that match the word(s) searched for will be displayed in the area below the find button (see Figure 5). . **This facility can find only a maximum of 500 records** in one search, which should not cause a problem on the Hanley Castle maps but does when suing the website for the county's tithe maps. For searches that would result in more records then either contact the Worcestershire Historic Environment Record (email archaeology@worcestershire.gov.uk) and arrange for us to search the records for you and a time to come in to view the results on the GIS in the office (during week day office hours only). Alternatively, for the more technically inclined, see the ArcGIS Explorer section in this document.

Each result can be zoomed to individually by clicking on the relevant line in the list of results. The width of the columns displayed in the results list can be moved to show more or less information by dragging the dividing line between the columns.

There will be some places where parcel numbers seem to have been duplicated in the list of results. This is likely to be because there are buildings that belong to the piece of land or because the land is subdivided. This is

ArcGIS Explorer

ArcGIS Explorer is freeware, downloadable from the software supplier's (ESRI) website (http://www.esri.com/software/arcgis/explorer/index.html). Check the system requirements listed with the PC or laptop on which it is to be installed.

This software is a GIS viewer that enables existing GIS layers to be viewed without the need to purchase software licences for the main GIS software. It is a cut-down version of the full GIS so functions are limited but it does allow access to files that can only be opened in GIS software.

Basemaps are also available but, as ESRI is an American company, they are mainly American focussed and consequently use a different map projection than is in common use in this country which means that the layers we have created will not 'fit' exactly with the ESRI basemaps.

Description table for Layers

Map Date	Map Layer type	Map Description
1797	Searchable GIS layer with data	1797 map to accompany the Inclosure Act for Hanley Castle. The numbers around the outside of the map are the parcels of land that were not included in the award – which only goes up to No 461 The copyright for these images and the map layer belongs to Worcestershire County Council
1812	Rectified photograph of paper map	This map is an extract of the Ordnance Survey surveyors' drawings for Great Malvern. It is a small scale map and there are some areas where it does not quite fit with the modern maps. More of these maps can be accessed on the British Library website http://www.bl.uk/ The copyright for the map images belongs to the British Library
1852	Rectified photograph of paper map	Map of the parish of Hanley Castle in 1852 identifying land owned by T.C. Hornyold. There is no terrier to accompany this map and, as there are no parcel numbers that could be used in a terrier to identify land parcel, it is possible there was never a terrier. The copyright for this image belongs to Worcestershire County Council
1873	Searchable GIS layer with data	This map shows an exchange of land between the Hornyold and Lechmere estates. The copyright for this image belongs to Worcestershire County Council.
1903	Ordnance Survey 2nd Edition map tiles – 1903	These images show the Ordnance Survey maps for the area in 1903. The copyright for these images belongs to Worcestershire County Council.

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Badsey GIS Website
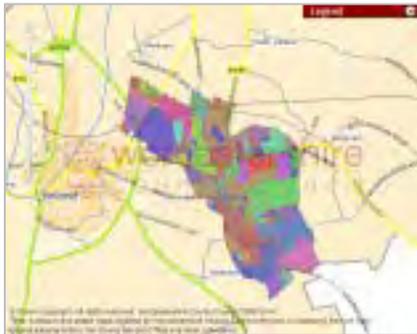
Figure 6: Link to Badsey GIS from Tithe and Inclosure home page

There is a separate GIS site, similar to the Tithe and Inclosure site in principal, for the parishes of Badsey and Aldington only and can be accessed by clicking on the image shown in Figure 6 from the Tithe and Inclosure homepage.

This site has links to the Badsey Society website and uses the GIS capability to link the historical research they have done, as part of a project investigating the history of Badsey and Aldington, to the relevant areas on the maps. Their website can also be accessed at www.badsey.net where there are also links back to the main Tithe and Inclosure website.

Stourport GIS Website

Figure 7: Unlocking Stourport's Past GIS home page

Another GIS site has been set up for the Stourport Civic Society using information from the Tithe website, from their research and pictures of historical maps.

The site can be accessed at www.unlocking-stourports-past.co.uk/ or go direct to the GIS website using this URL: http://gis.worcestershire.gov.uk/website/stourport/viewer.htm

Hanley Castle GIS Website

Figure 8: Hanley Castle Map Project GIS home page

A further GIS site has been created for the Hanley Castle Map Project containing digital images of historical maps and GIS layers containing award/terrier information for the maps.

The villages website can accessed at http://hanleyswan.net/

or at http://gis.worcestershire.gov.uk/website/HanleyCastleMapping/.