

File Name: Field_names_and_land_use.

Data type: Polygon.

Type of topology: Polygon-Arc Topology.

State of the topology in the file: May contain inconsistencies.

Projection system: Transverse Mercator.

Co-ordinate system: British National Grid.

Contents and Attributes: This shapefile contains a network of polygons representing field boundaries recorded on nineteenth century Tithe survey plans. Gaps in the network represent areas not classified as fields (such as houses, roads, rivers). Each field is associated with eleven attributes:

Area_m2 is the area in square metres of each field.

Area_acres is the area in acres of each field.

Parish is the nineteenth century parish in which the field was located. The following parishes are included: Cadoxton, Lavernock, Llancarfan, Llandough and Cogan, Merthyr Dyfan, Michaelston le Pit, Penmark, St Andrew's Major, St Lythans, Sully, Wenvoe.

Field_Id is the code used to identify each field. The code is formed from a prefix (consisting of an abbreviated form the parish name) and a number (the field's number on the Tithe plan).

Field_name is the name of the field as recorded in the Tithe survey apportionment. Where no name was present 'Name Not Recorded' has been entered.

State_cult is the state of cultivation of the field as recorded in the Tithe survey apportionment. Where no data was present 'Not Recorded' has been entered.

Land_Uc is the agricultural land-use category to which, where possible, the field has been assigned on the basis of its state of cultivation or in the absence of that its field-name. The following agricultural land-use categories are used: Arable, Pasture, Meadow, Moor, Mud flat, Wood, and Orchard.

Code_Lu records where a field-name provides evidence about the agricultural land-use of the field. The following agricultural land-use categories are used: Arable, Meadow, Pasture, and Wood. Where there is no evidence the cell is left empty.

Code_Ar records where a field-name provides evidence for the presence of archaeological features or structures within or associated with a field. The following site types are included: Barn, Castle, Fort (meaning settlement with earthwork defences), Kiln, Malthouse/Brewhouse, Mill, Mound, Newly enclosed land (indicating evidence for assarting or enclosure of former open fields), Open field, Settlement, Possible settlement (where the evidence is less certain), Quarry, Road (including paths and tracks), and Warren. Where there is no evidence the cell is left empty.

Code_Nc records where a field-name provides evidence about natural characteristics of a field. The following categories are included: Dry land (where a name suggests the soil was dry or parched), Lake, Marsh, Moor, Poor quality land (where a name suggests the soil was difficult to cultivate), River, Spring, and Wet land (where a name suggests the soil was damp or waterlogged). Where there is no evidence the cell is left empty.

Change_Lu records where a contrast between 'State_cult' and 'Land_uc' suggests that a field has undergone a change in land-usage. Where there is evidence for a change in land-use 'Yes' is entered in the cell, and where there is no evidence the cell is left empty.

Data Source Information This shapefile is based on data derived from the Tithe survey plans and apportionments for the following parishes in the Vale of Glamorgan: Cadoxton, Lavernock, Llancarfan, Llandough and Cogan, Merthyr Dyfan, Michaelston le Pit, Penmark, St Andrew's Major, St Lythans, Sully,

Wenvoe. Copies of the original documents are held by the National Archives under the following reference numbers:

Tithe Survey Plans

IR 30/51/3	St Andrews Major
IR 30/51/14	Cadoxton juxta Barry
IR 30/51/48	Lavernock
IR 30/51/52	Llancarfan
IR 30/51/58	Llandough and Cogan
IR 30/51/81	St Lythans
IR 30/51/85	Merthyr Dyfan
IR 30/51/91	Michaelston le Pit
IR 30/51/101	Penarth
IR 30/51/106	Penmark
IR 30/51/121	Sully
IR 30/51/126	Wenvoe

Tithe Survey Apportionments

IR 29/51/3	St Andrews Major
IR 29/51/14	Cadoxton juxta Barry
IR 29/51/48	Lavernock
IR 29/51/52	Llancarfan
IR 29/51/58	Llandough and Cogan
IR 29/51/81	St Lythans
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IR 29/51/91	Michaelston le Pit
IR 29/51/101	Penarth
IR 29/51/106	Penmark
IR 29/51/121	Sully
IR 29/51/126	Wenvoe

The interpretations of the field-names are derived from:

Field, J. 1972: *English Field-Names: A Dictionary*. Newton Abbot: David and Charles.

Pierce, G., O. 1968: *The Place-Names of the Dinas Powys Hundred*. Cardiff: University of Wales Press.