

# Probable Shallow Coal Mine Workings Metadata

## Description

### Keywords

**Theme:** Probable Shallow Workings, Coal, Mining, Underground, Energy, Mining Report, Ground Stability

### Description

#### Abstract

Probable shallow coal mine workings contain locations and estimated extents of probable shallow underground workings for which no recorded plan exists, but where it is likely that workable coal at shallow depths has been mined before records were kept. The data has been estimated from available mining records by qualified mining surveyors.

#### Purpose

Mining and geographical data held on the National Coal Mining Database.

#### Supplementary Information

Since 1872 there has been a law that requires all coal mine operators to deposit working plans of the mine with the Government following the cessation of operations; Prior to this date the plans were often destroyed or kept in private ownership.

This layer was constructed to show areas where the Coal Authority believe that there is evidence of past coal mine workings but have no formal abandonment plan for those workings e.g. an adjacent mine plan may have the annotation 'Ancient workings', located by development and/or site investigation, the workings may even be shown on an estate/surface plan.

This dataset does not therefore constitute a complete dataset and omissions of recorded and unrecorded shallow workings do not constitute virgin un-worked ground; standing advice must prevail.

The National Coal Mining Database, which is based on the records held at The Coal Authority offices in Mansfield, Nottinghamshire, is updated on a regular basis. This dataset has been extracted from this dynamic database on the date stated below and therefore represents a snapshot in time.

#### Status of the data

Extract of data from the National Coal Mining Database

*Data update frequency:* As needed

#### Time period for which the data is relevant

*Date and time:* 14/08/2014

*Description:* Dataset export from the National Coal Mining Database

#### Publication Information

*Who created the data:* The Coal Authority

*Date and time:* 26/09/2014

# Probable Shallow Coal Mine Workings Metadata

## Data storage and access information

*File name:* ProbableShallowWorkings

*Type of data:* vector digital data

*Data processing environment:* Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcCatalog 10.0 (Build 2800)

## Accessing the data

*Size of the data:*

*Data transfer size:*

## Constraints on accessing and using the data

*Access and use constraints:* This data, service or application is provided free of charge under the terms and conditions of the Open Government Licence.

The full terms and conditions of the Open Government Licence can be viewed at:

<http://www.nationalarchives.gov.uk/doc/open-government-licence/>

If you need any additional advice please contact the Customer Service Team on +44 (0) 345 762 6848 or at [groundstability@coal.gov.uk](mailto:groundstability@coal.gov.uk).

## Details about this document

Contents last updated: 26/09/2014

## Who completed this document

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## Standards used to create this document

*Standard name:* FGDC Content Standards for Digital Geospatial Metadata

*Standard version:* FGDC-STD-001-1998

*Time convention used in this document:* local time

Metadata profiles defining additional information

- ESRI Metadata Profile: <http://www.esri.com/metadata/esriprof80.html>

Spatial

# Probable Shallow Coal Mine Workings Metadata

## Horizontal coordinate system

*Projected coordinate system name:* British\_National\_Grid

*Geographic coordinate system name:* GCS\_OSGB\_1936

## Details

**Map Projection Name:** Transverse Mercator

*Scale Factor at Central Meridian:* 0.999601

*Longitude of Central Meridian:* -2.000000

*Latitude of Projection Origin:* 49.000000

*False Easting:* 400000.000000

*False Northing:* -100000.000000

## Planar Coordinate Information

*Planar Distance Units:* meters

*Coordinate Encoding Method:* coordinate pair

## Coordinate Representation

*Abscissa Resolution:* 0.000000

*Ordinate Resolution:* 0.000000

## Geodetic Model

*Horizontal Datum Name:* D\_OSGB\_1936

*Ellipsoid Name:* Airy\_1830

*Semi-major Axis:* 6377563.396000

*Denominator of Flattening Ratio:* 299.324965

## Altitude System Definition

*Resolution:* 0.000100

*Encoding Method:* Explicit elevation coordinate included with horizontal coordinates

## Bounding coordinates

### Horizontal

#### In decimal degrees

*West:* -2.094319

*East:* -2.079946

*North:* 53.469310

*South:* 53.457808

#### In projected or local coordinates

*Left:* 393739.658742

*Right:* 394692.250000

*Top:* 396983.649563

*Bottom:* 395705.349900

### Vertical

*Minimum elevation:* 0.000000

*Maximum elevation:* 0.000000

# Probable Shallow Coal Mine Workings Metadata

## Spatial data description

### Vector data information

#### ESRI description

#### ProbableShallowWorkings

*ESRI feature type:* Simple

*Geometry type:* Polygon

*Topology:* FALSE

*Feature count:* 12474

*Spatial Index:* TRUE

*Linear referencing:* TRUE

#### SDTS description

Feature class: SDTS feature type, feature count

- ProbableWorkings: G-polygon, 12474

## Attributes

### Details for ProbableShallowWorkings

*Type of object:* Feature Class

*Number of records:* 12474

#### Attributes

##### FID

*Alias:* FID

*Data type:* OID

*Width:* 4

*Precision:* 0

*Scale:* 0

*Definition:* Internal feature number.

*Definition Source:* ESRI

##### Shape

*Alias:* Shape

*Data type:* Geometry

*Width:* 0

*Precision:* 0

*Scale:* 0

*Definition:* Feature geometry.

*Definition Source:* ESRI

##### OBJECTID

*Alias:* OBJECTID

*Data type:* Number

*Width:* 9

# Probable Shallow Coal Mine Workings Metadata

## **NAME**

*Alias:* NAME

*Data type:* String

*Definition:*

The local name for the Coal Mining Reporting Area

*Width:* 80

## **FEATURE\_TYPE**

*Alias:* FEATURE\_TYPE

*Data type:* String

*Definition:* The coal mining feature type

*Width:* 50

## **HYPERLINK**

*Alias:* HYPERLINK

*Data type:* String

*Definition:* Web URL for further information

*Width:* 50

## **SHAPE\_Length**

*Alias:* SHAPE\_Length

*Data type:* Float

*Width:* 19

*Number of decimals:* 11

## **SHAPE\_Area**

*Alias:* SHAPE\_Area

*Data type:* Float

*Width:* 19

*Number of decimals:* 11

*Definition:* Area of feature in internal units squared.

*Definition Source:* ESRI