

# Surface Coal Resource Metadata

## Description

**Keywords:** Coal, Mining, Underground, Energy, Mining Report, Ground Stability, Surface Coal Resource

### Description

#### Abstract

The Surface Coal Resource Areas define the coal resources capable of being extracted by surface mining methods, often referred to as 'opencast'. This information is used by Local Planning Authorities as part of the duty to safeguard minerals from unnecessary sterilisation.

The surface coal resource areas shown have been derived from current information available to the Coal Authority and British Geological Survey.

#### Purpose

Together with the Surface Coal Mining Areas provide information to Mineral Planning Authorities as part of the duty to safeguard minerals from unnecessary sterilisation.

#### Supplementary Information

The surface coal resource areas shown have been derived from information available to the Coal Authority and British Geological Survey at the stated point 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:* 21/10/2011

*Description:* Date of data extract from the dynamic database

#### Publication Information

*Who created the data:* The Coal Authority

*Date and time:* 29/11/2011

#### Data storage and access information

*File name:* SurfaceCoalResource

*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:* 5.982 MB

*Data transfer size:* 0.013 MB

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## 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.

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

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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 Information

### 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

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## 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:* -5.989565

*East:* -0.709765

*North:* 58.034077

*South:* 51.180594

#### In projected or local coordinates

*Left:* 164099.000300

*Right:* 476195.998300

*Top:* 904959.999700

*Bottom:* 147848.617900

### Vertical

*Minimum elevation:* 0.000000

*Maximum elevation:* 0.000000

## Spatial data description

### Vector data information

#### ESRI description

### Surface Coal Resource Area

*ESRI feature type:* Simple

*Geometry type:* Polygon

*Topology:* FALSE

*Feature count:* 1

*Spatial Index:* TRUE

*Linear referencing:* FALSE

### SDTS description

Feature class: SDTS feature type, feature count

- SurfaceCoalResourceArea: G-polygon, 1

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## Attributes

### Details for Surface Coal Resource

Type of object: Feature Class

Number of records: 1

### 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

#### 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\_Leng

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