

# Surface Coal Mining Metadata

## Description

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

### Description

#### Abstract

Surface Mining Areas denote an area of coal extracted by surface excavations in the past or are being excavated currently, these sites do not necessarily reflect the extent of the excavation. Coal resources may still be available within these areas due to the inefficiencies of some historic mining techniques. These areas are often referred to as "opencast mining".

#### Purpose

Together with the Surface Coal Resource Area data, provide information to Mineral Planning Authorities for assisting in defining Mineral Safeguarding Areas in policy strategy.

#### Supplementary Information

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

#### Data storage and access information

*File name:* SurfaceCoalMining

*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:* 4.022 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 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

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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

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*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:* -4.835183  
*East:* -1.155747  
*North:* 56.312275  
*South:* 51.455231

#### In projected or local coordinates

*Left:* 224500.000000  
*Right:* 452227.000000  
*Top:* 713309.000000  
*Bottom:* 175998.000000

### Vertical

*Minimum elevation:* 0.000000  
*Maximum elevation:* 0.000000

## Spatial data description

### Vector data information

#### ESRI description

### Surface Coal Mining

*ESRI feature type:* Simple  
*Geometry type:* Polygon  
*Topology:* FALSE  
*Feature count:* 3909  
*Spatial Index:* TRUE  
*Linear referencing:* FALSE

### SDTS description

Feature class: SDTS feature type, feature count  
• SurfaceCoalMining: G-polygon, 3909

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## Attributes

### Details for Surface Coal Mining

Type of object: Feature Class

Number of records: 3909

### 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\_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