

Abandoned Mines Catalogue Metadata

Description

Keywords

Theme: Abandoned Mines Catalogue (AMC), Coal, Mining, Statutory Records

Description

Abstract

The Abandoned Mines Catalogue is used as a search tool to determine the relevant abandonment plans to a given search criteria. The collection contains coal and other mineral abandonment plans, covering both surface and deep mining operations, which depict areas of coal and other mineral extraction and the point of entry into these workings. These plans being referenced by graticule squares based on the old County Series Plans

Purpose

To identify the spatial location and coverage of abandoned mine plans.

Supplementary Information

The Abandoned Mines Catalogue was established in the early 1920's to catalogue the plans of abandoned mines deposited under the 1872 Coal Mines Regulation Act and Metalliferous Mines Regulation Act. The need to establish a catalogue came about after two accidents, one in Stirlingshire in September 1923, resulting in the death of 40 workers, and one in Northumberland in March 1925, when thirty eight people were killed, both as a consequence of an inrush of water from old workings. As a result in July 1925 the Secretary for Mines made a widespread appeal for plans of old workings not covered by the statutory requirements or for the supply of information where it was not desired to give up the plans. The appeal was widely respond to and particulars of such plans were included in a new Cataloguing system that was published in five volumes between 1928 and 1931.

The catalogues were issued in the then Counties and were based on the established County Series mapping. A County Sheet covers a geographical area of 6 miles x 4 miles and these were deemed to be too big for basing the cataloguing system on. Therefore the system was based on quarter sheets (3 miles x 2 miles), with each quarter sheet being further split into graticule squares of 0.25 miles x 0.25 miles. These squares were then numbered 1-12 in an East/West direction and lettered A-H in North/South direction. Plans are then referenced by recording all squares in which workings fall.

The Coal Authority holds and maintains the Abandoned Mines Catalogue under an agreement the Health & Safety Executive.

This data has been derived from current information available to the Coal Authority. This information is updated on a regular basis and therefore is only correct on the date stated.

Status of the data

Extract of data from the Abandoned Mines Catalogue (AMC)

Data update frequency: As needed

Time period for which the data is relevant

Date and time: 18/08/2014

Description: Date of data extract from the dynamic database

Abandoned Mines Catalogue Metadata

Publication Information

Who created the data: The Coal Authority

Date and time: 26/09/2014

Data storage and access information

File name: Abandoned Mines Catalogue

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.

Details about this document

Contents last updated: 26/09/2014

Who completed this document

Louise Tipper, Information Management, The Coal Authority

mailing and physical address:

200 Lichfield Lane

Mansfield

Nottinghamshire

NG18 4RG

England

+44(0) 345 762 6848

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>

Abandoned Mines Catalogue Metadata

Spatial

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: -5.992087

East: 2.228188

North: 58.041757

South: 50.942594

In projected or local coordinates

Left: 164000.000000

Right: 650000.000000

Top: 905814.900000

Bottom: 122000.000000

Abandoned Mines Catalogue Metadata

Vertical *Minimum elevation:* 0.000000

Maximum elevation: 0.000000

Spatial data description

Vector data information

ESRI description

Abandoned Mines Catalogue

ESRI feature type: Simple

Geometry type: Polygon

Topology: FALSE

Feature count: 73489

Spatial Index: TRUE

Linear referencing: FALSE

SDTS description

Feature class: SDTS feature type, feature count

- Abandoned Mines Catalogue: G-polygon, 73489

Attributes

Details for Abandoned Mines Catalogue

Type of object:

Number of records: 73489

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

CAT_NO

Alias: Catalogue Number

Data type: String

Definition: The identifier for each catalogue entry

Width: 20

Abandoned Mines Catalogue Metadata

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