

Development High Risk Area Metadata

Description

Keywords: Coal, Mining, Data, Mining Report, Ground Stability, Development High Risk

Description

Abstract

The Development High Risk Area is the part of the coal mining reporting area which contains one or more recorded coal mining related features which have the potential for instability or a degree of risk to the surface from the legacy of coal mining operations. The combination of features included in this composite area includes mine entries; shallow coal workings (recorded and probable); recorded coal mining related hazards; recorded mine gas sites; fissures and breaklines and previous surface mining sites.

New development in this defined area needs to demonstrate that the development will be safe and stable taking full account of former coal mining activities. This area was formally known as the Development Referral Area.

Purpose

The development high risk areas have been defined to enable developers and planners to understand and consider the potential for instability or degree of risk from the legacy of coal mining operations. This information is also provided to asset managers for the management of the land assets of public bodies and major landowners.

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:

Ground condition

Publication Information

Who created the data: The Coal Authority

Date and time: 26/09/2014

Data storage and access information

File name: Development High Risk

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)

Development High Risk Area Metadata

Accessing the data

Size of the data: 125.651 MB

Data transfer size: 0.013 MB

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

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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

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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: -5.976584

East: 1.952957

North: 58.029551

South: 50.976920

In projected or local coordinates

Left: 164839.000000

Right: 633760.000000

Top: 904456.130000

Bottom: 125127.990800

Vertical

Minimum elevation: 0.000000

Maximum elevation: 0.000000

Spatial data description

Vector data information

ESRI description

Development High Risk

ESRI feature type: Simple

Geometry type: Polygon

Topology: FALSE

Feature Count: 45933

Spatial Index: TRUE

Linear referencing: TRUE

SDTS description

Feature class: SDTS feature type, feature count

- DevHighRisk: G-polygon, 45933

Development High Risk Area Metadata

Attributes

Details for Development High Risk Area

Type of object: Feature Class

Number of records: 45933

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

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Width: 19

Number of decimals: 11

Definition: Area of feature in internal units squared.

Definition Source: ESRI