Development High Risk Area Metadata

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

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
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
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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