

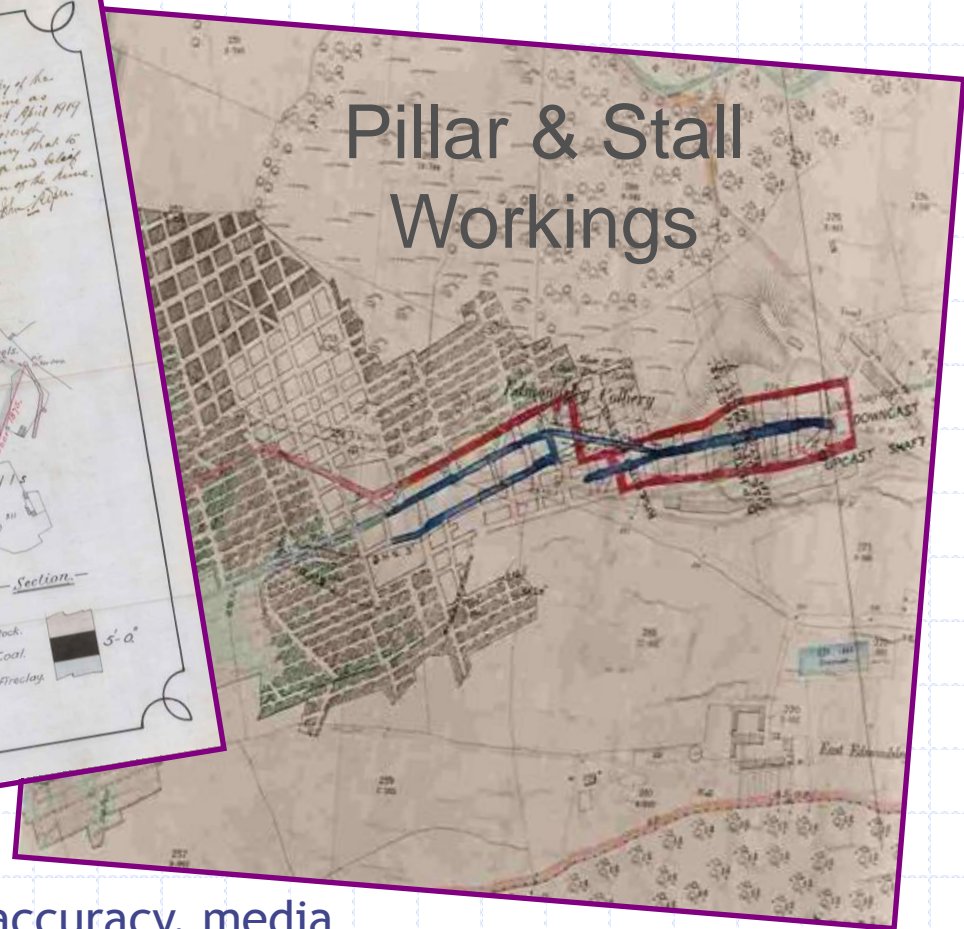


# Coal Mining Reports – circa 1960?



# Coal Mining Database

## Abandoned Mine Plans (pre 1900)



Variety of sizes, scales, age, accuracy, media  
No orientation or correlation to OS NG  
No standardisation



# How Our Collection came about Coal Authority – Mining Heritage Centre

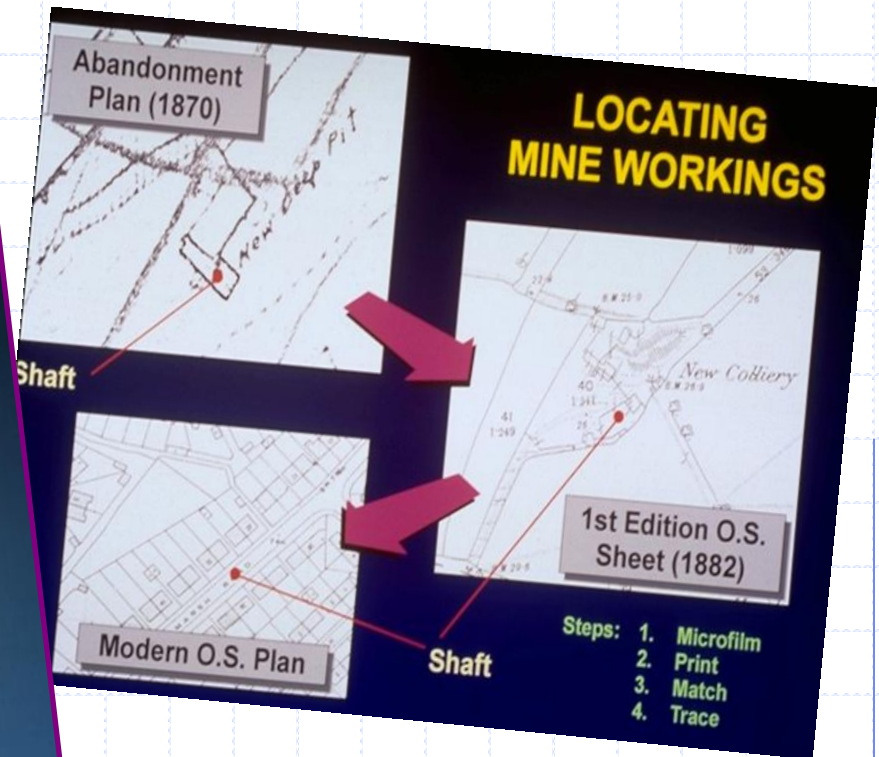
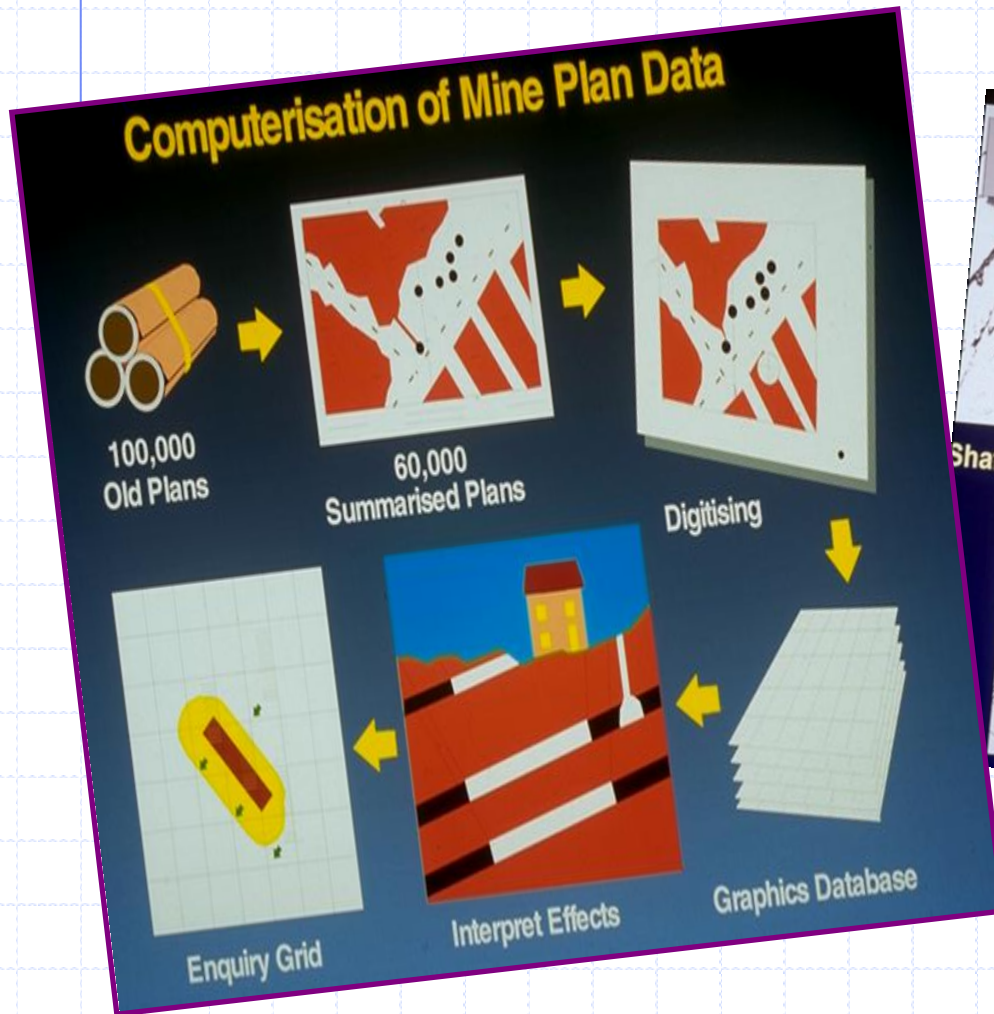
1.5 kilometres of Shelving



120 Thousand Coal Mine Abandonment Plans  
Held on behalf of HSE  
Digitally copied  
Store - Built to  
BS.5454

# Coal Mining Database

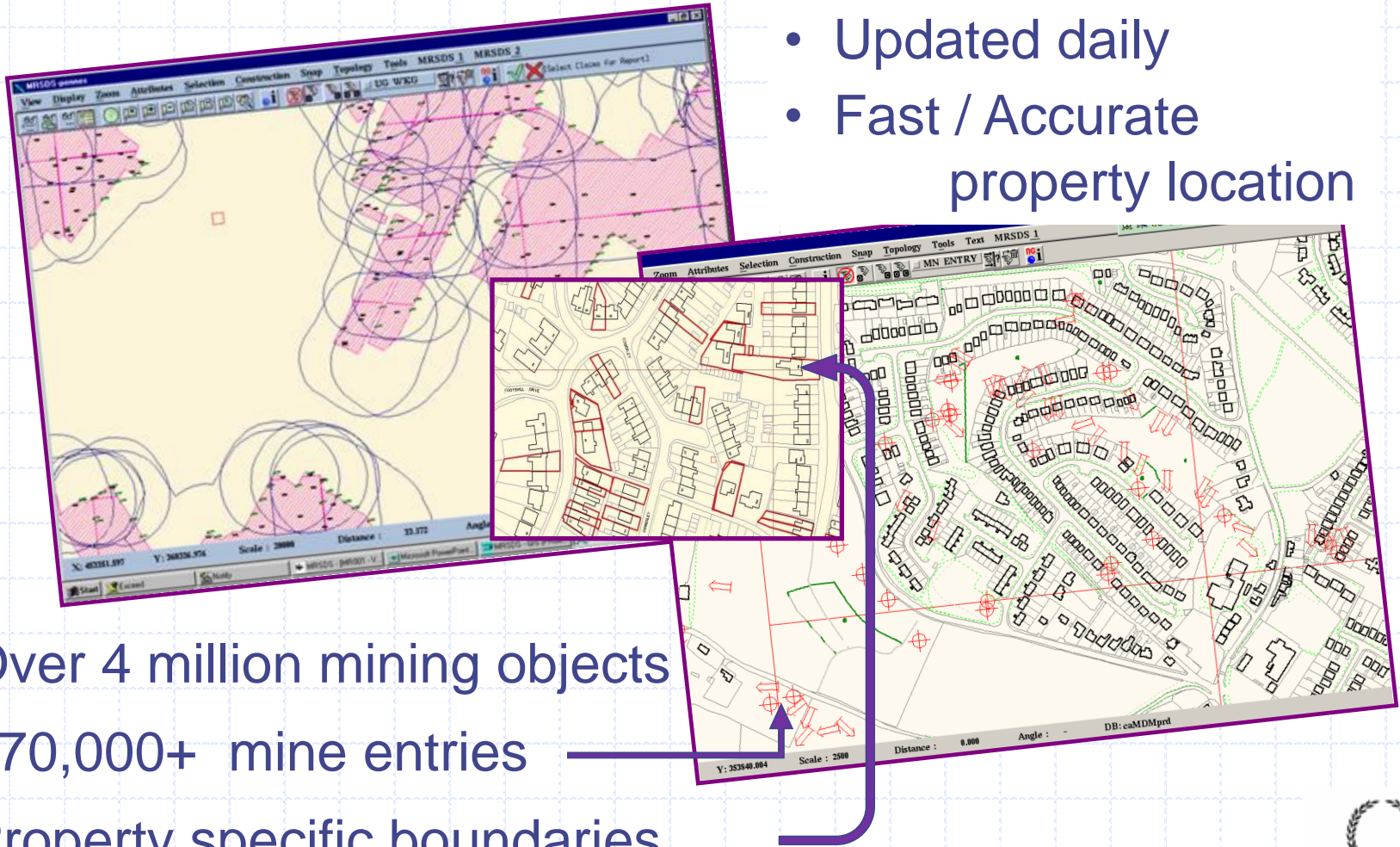
## mine plan computerisation





# Mining Data in Digital Format

- Dynamic database
- Updated daily
- Fast / Accurate property location



- Over 4 million mining objects
- 170,000+ mine entries
- Property specific boundaries

# Coal Mining Areas & Cheshire Brine Subsidence Compensation Area



[www.groundstability.com](http://www.groundstability.com)



# Interactive Viewer

<http://coal.decc.gov.uk/en/coal/cms/publications/data/map/map.aspx>

## Publications Library

Annual Report, Accounts  
and Corporate Plan

Board Meetings Papers

Corporate Governance

Coal Mining Technologies  
and Production Statistics

Frequently Asked  
Questions

Geographic Information  
Data Charter Statement

Health Safety and  
Environmental  
Information

Transparency and  
Freedom of Information

Mining Information and  
Datasets

**Interactive Map Viewer**

Web Mapping  
Services

Terms and Conditions  
of Use

About our Data

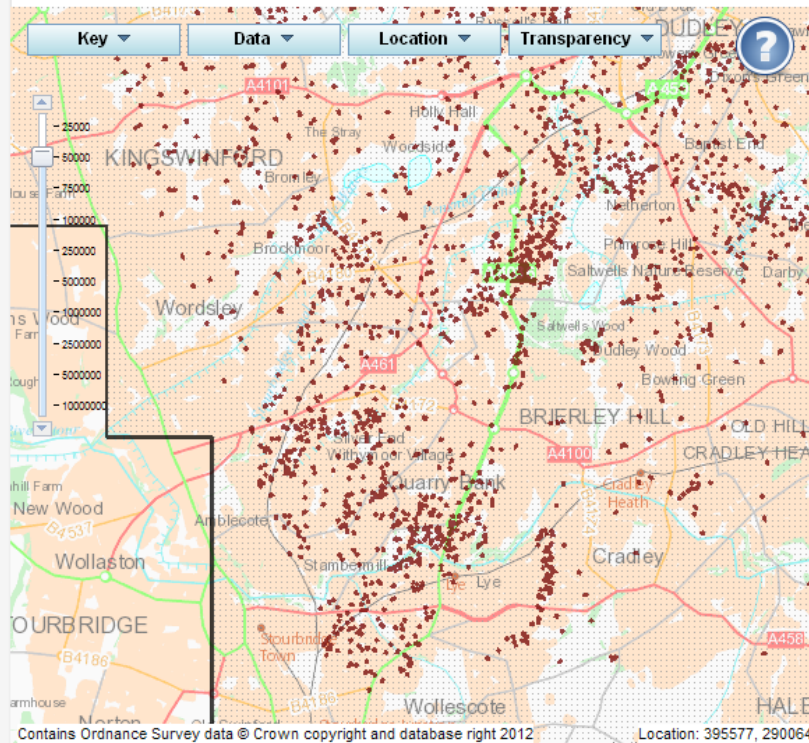
Contact Us

Dataset Sales

Data available for free  
download.

## INTERACTIVE MAP VIEWER

This map viewer has been produced to enable selected coal mining information to be viewed around your area of interest. This information has been extracted from the national coal mining database, held and maintained by the Coal Authority.



● To start using the map, click on **Location** to perform a search of your area of

Key ▾ Data ▾ Location ▾

Search for and zoom to a location.  
Searches include place names (e.g. Mansfield),  
postcodes (e.g. NG18 4RG), Grid Reference (e.g.  
520000,180000)

Enter Location:  Go

Search Results:

Data ▾ Location ▾ Transparency ▾

Data theme: ☐ Public ☒ Professional

**Mine Entries**

☐ Mine Entry

**Abandoned Mines Catalogue**

☐ Abandoned Mines Catalogue

**Planning and Policy Constraints**

☐ Development High Risk Area

☐ Surface Mining (Past and Current)

☐ Surface Coal Resource Areas

☐ Coal Mining Reporting Area

**Specific Risk Data**

☒ Mine Entry Potential Zone of Influence

☐ Fissures and Breaklines

☐ Mine Gas Sites

☐ Past Surface Hazard

☐ Surface Mining (Past and Current)

☐ Past Shallow Coal Mine Workings

☐ Probable Shallow Coal Mine Workings

☐ Coal Outcrops

☒ Coal Mining Reporting Area

Grey layers cannot be viewed at this scale  
Click on a layer name for layer information







# Non-coal Data - 7,600 plans

Fe  
As  
Cu  
Sn  
W  
Pb  
Au  
Ag  
 $\text{Al}^2\text{Si}^2\text{O}^5(\text{OH})^4$

etc  
etc

Clay



Lead Ore

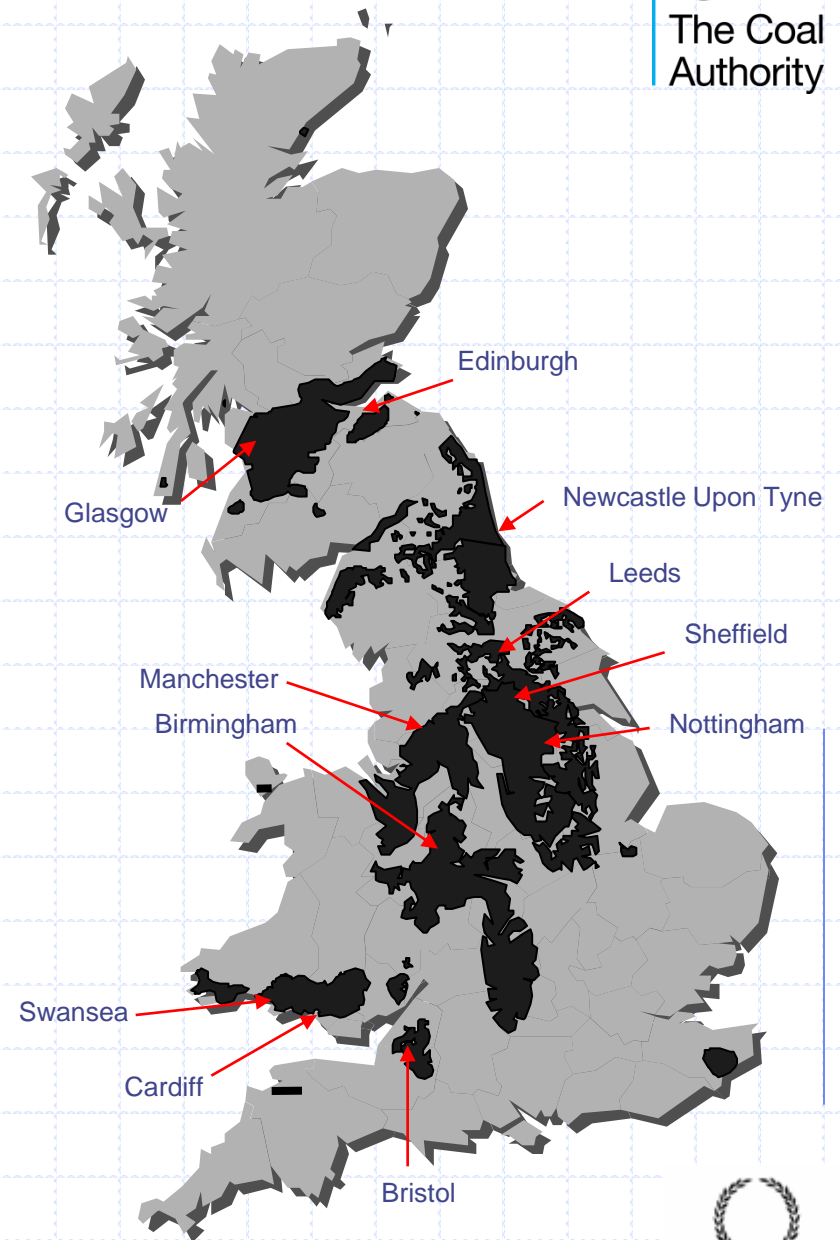
Copper & Arsenic



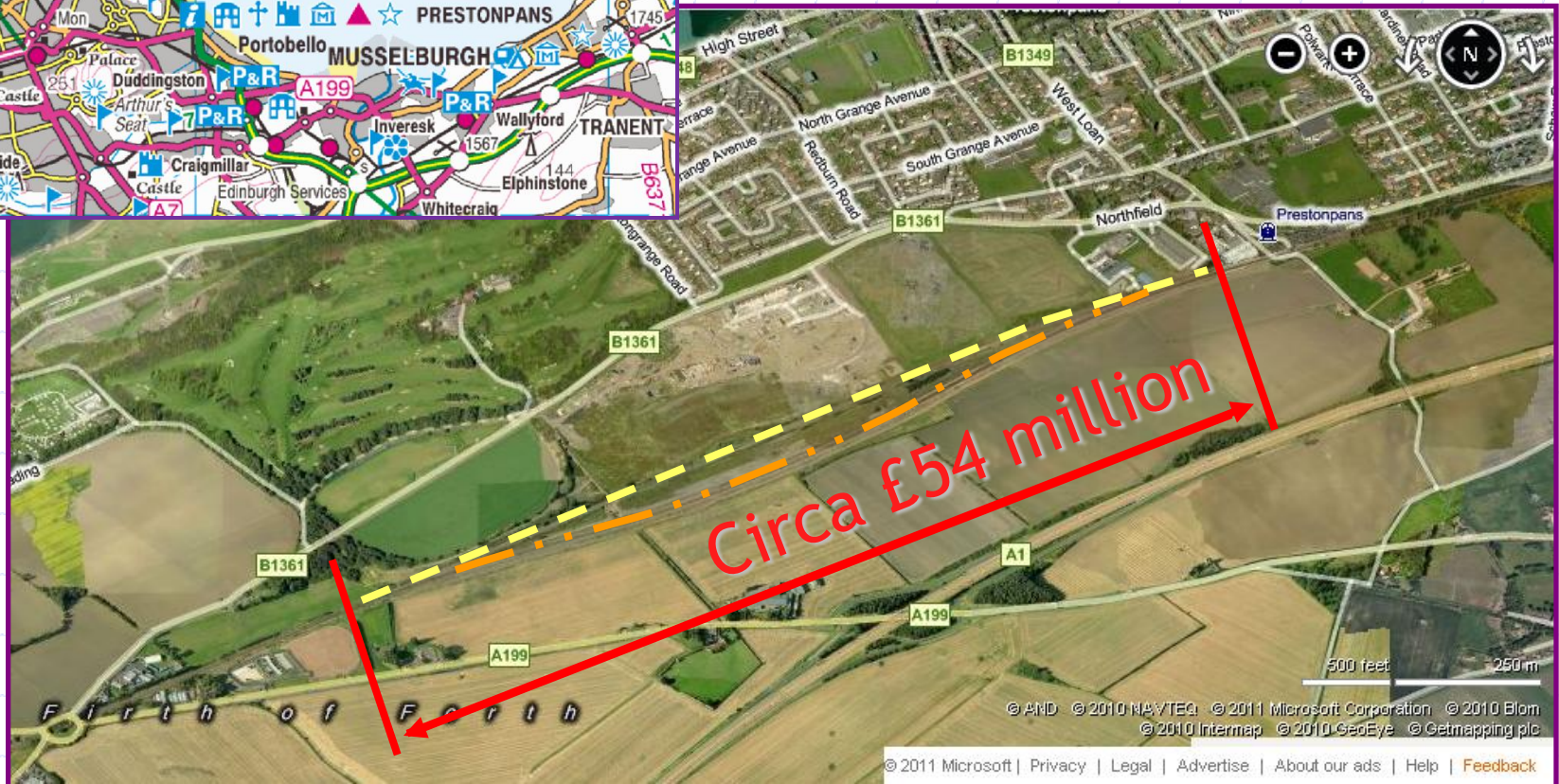
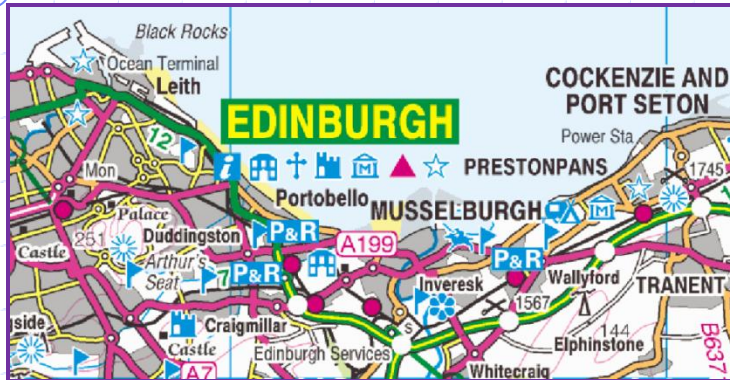


# Coal Facts

- ◆ 26,000 km<sup>2</sup> of coalfield area (11%)
- ◆ 7 million properties (25% of all) lie within coalfields
- ◆ 1.5 million coalfield properties sit on shallow coal workings
- ◆ 170,000 recorded mine entries + possibly as many again that are unrecorded
- ◆ 130,000 properties sit within 20m of at least one recorded mine entry
- ◆ 250 surface hazards per year + 250 subsidence events



# ECML - Dolphingstone Diversion





# John M Barr & Son Wishaw, North Lanarkshire



The oven had hardly had time to cool after the eColi - Meat Pie adventure - when this happened ...

# Thank You



The Coal  
Authority



Website: [www.groundstability.com](http://www.groundstability.com)

Email: [groundstability@coal.gov.uk](mailto:groundstability@coal.gov.uk)

Customer help-line: 0845 762 6848



INVESTOR IN PEOPLE