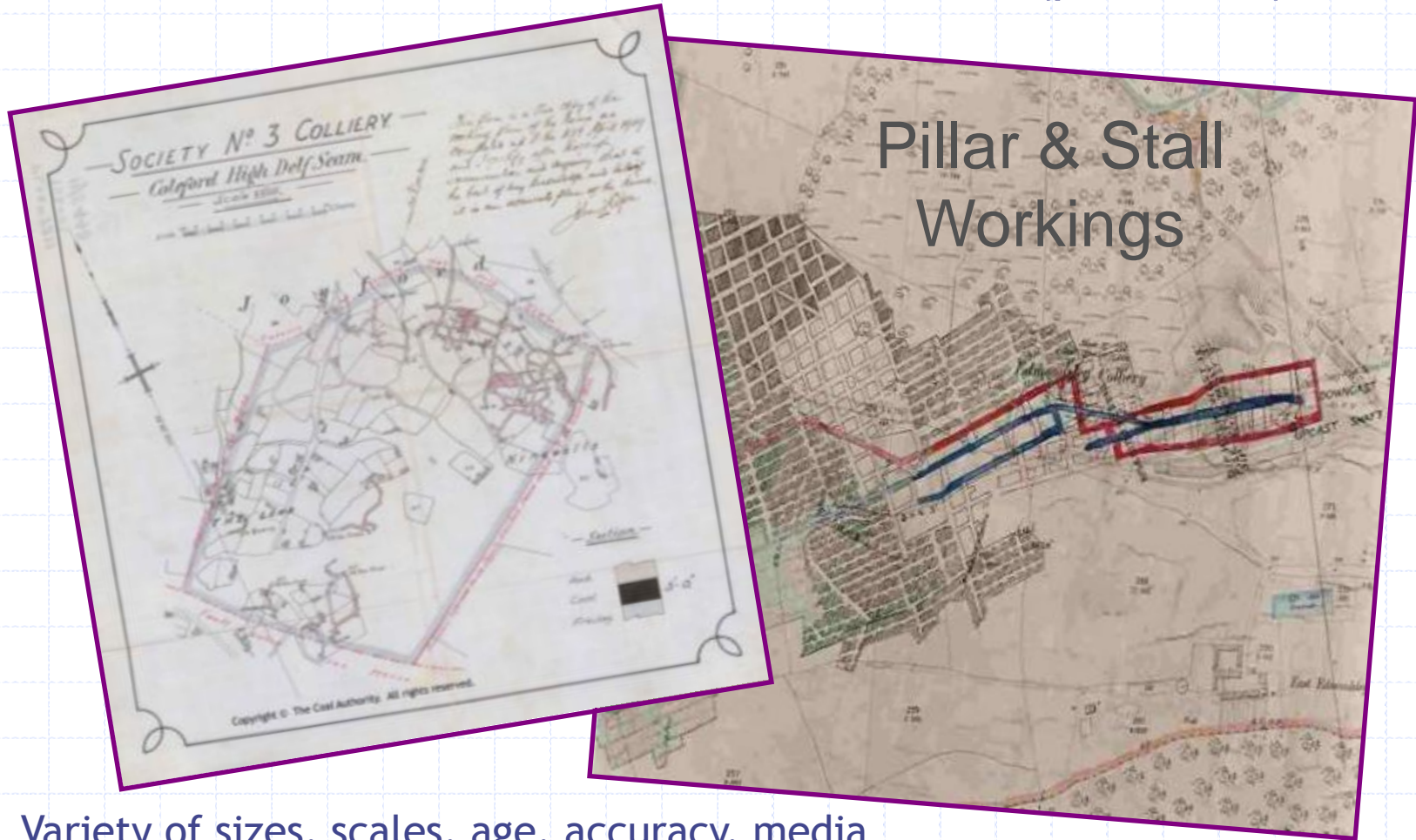


# Coal Mining Reports – circa 1960?



# 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

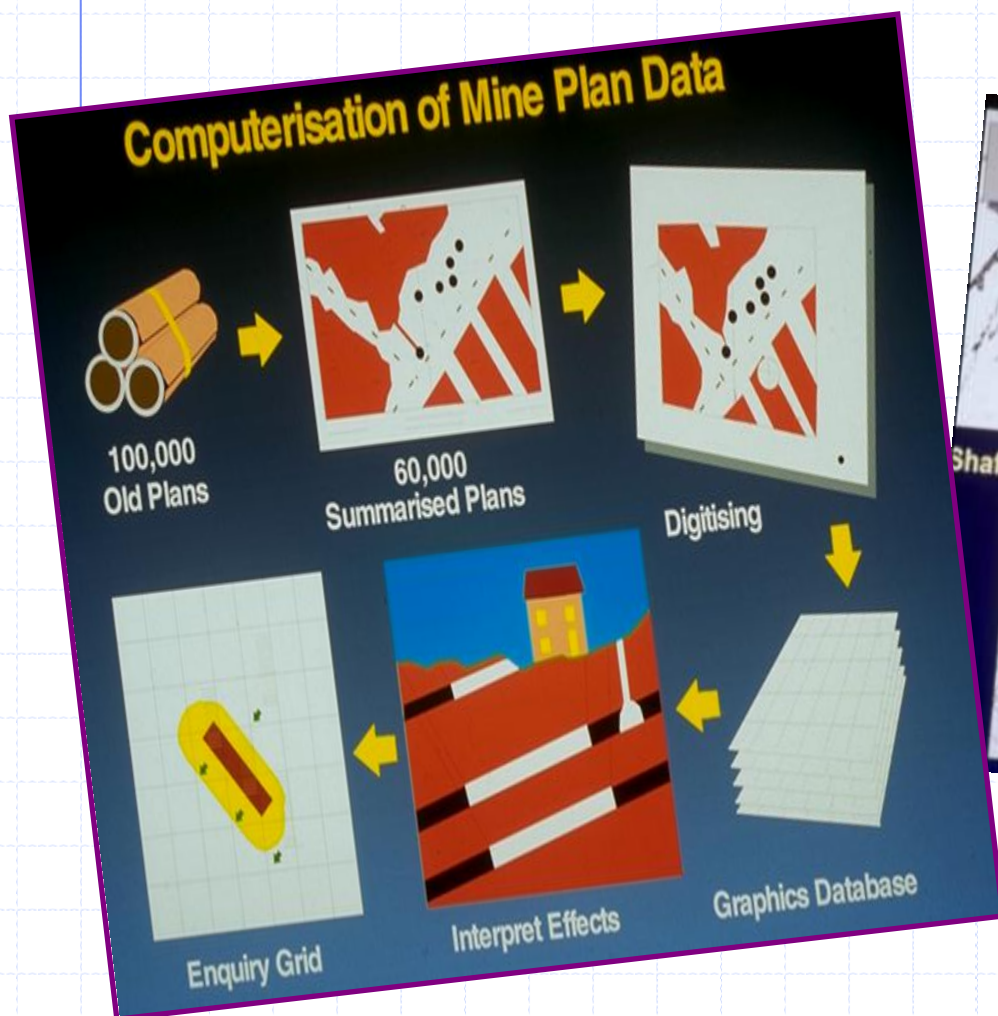
1.5 kilometres of Shelving



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

# Coal Mining Database

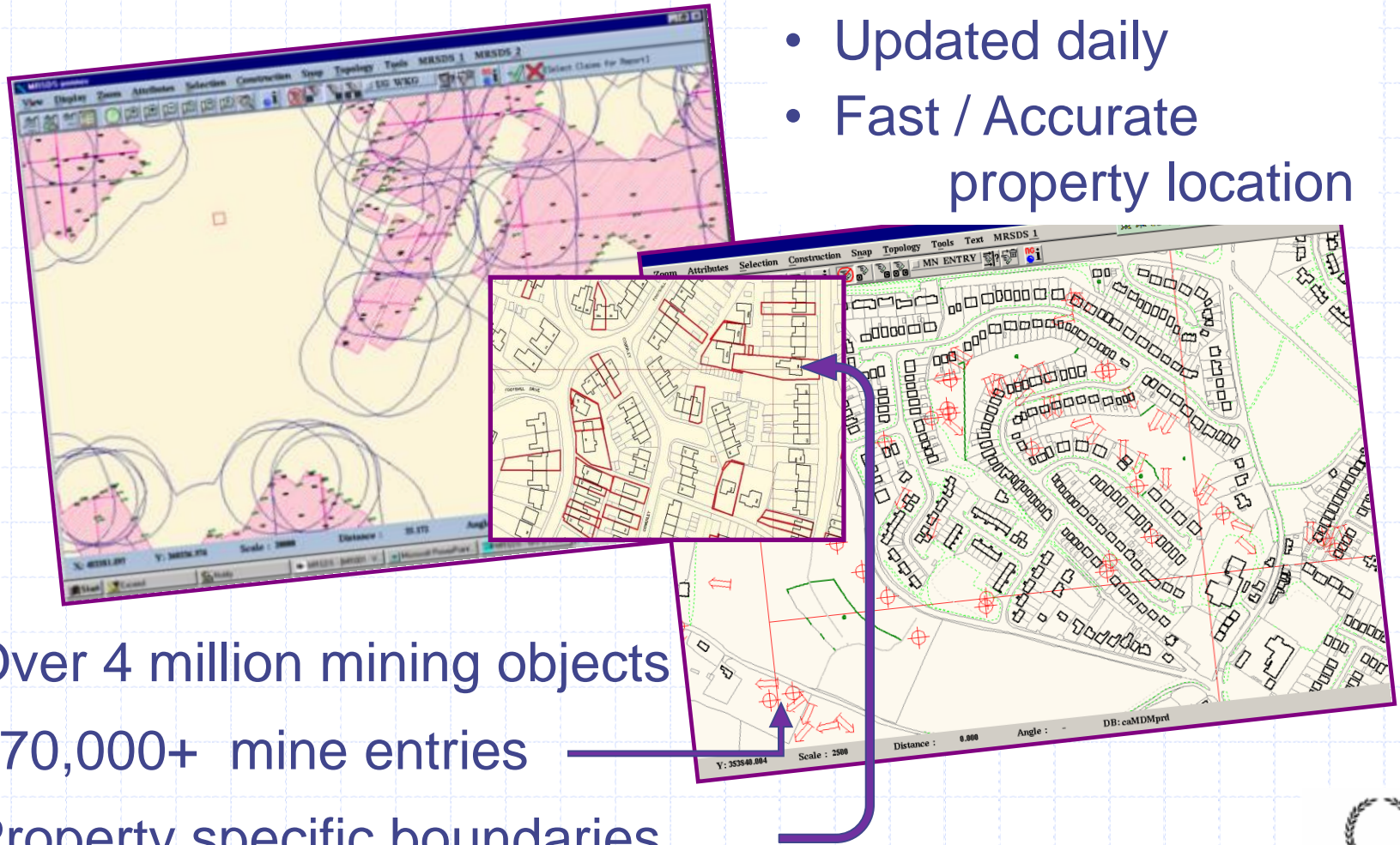
## mine plan computerisation





# Mining Data in Digital Format

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



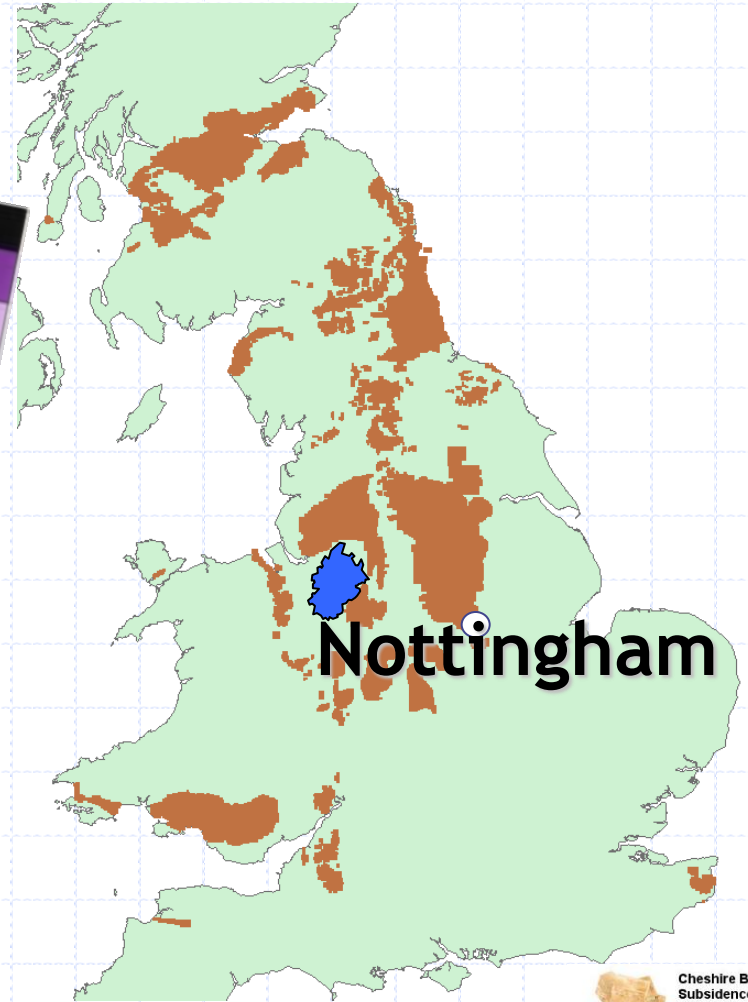
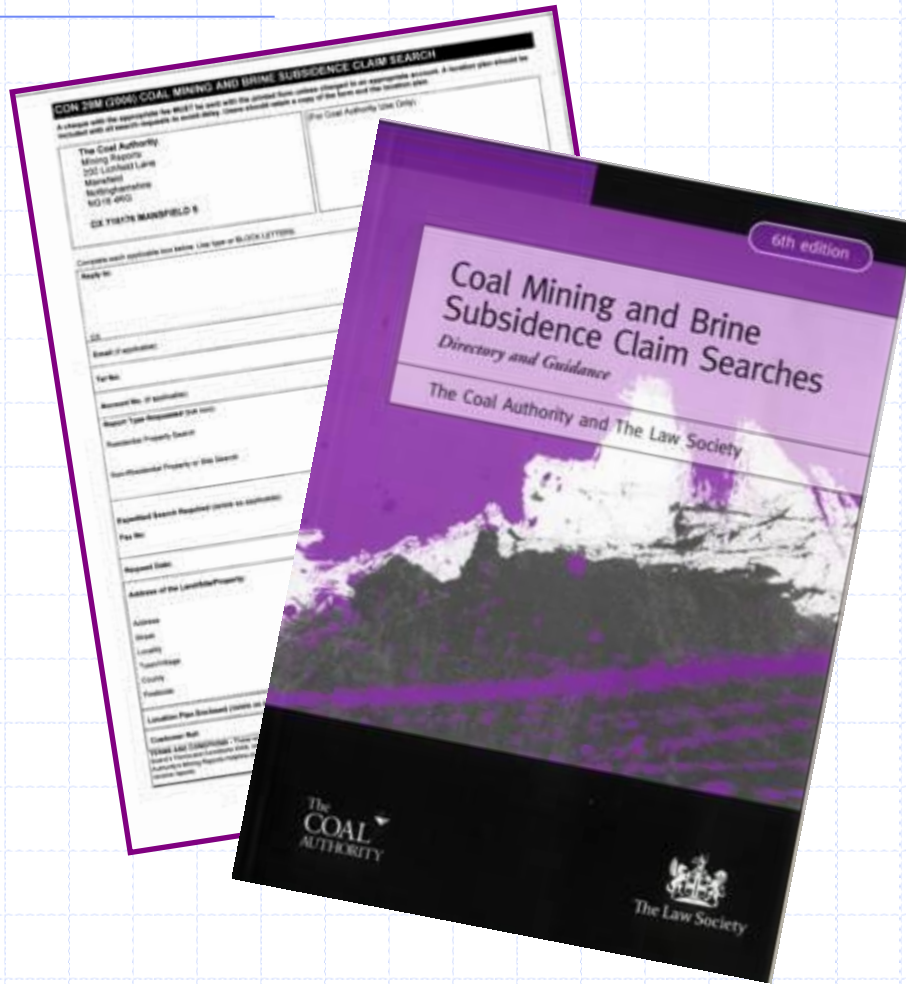
- Over 4 million mining objects
- 170,000+ mine entries
- Property specific boundaries

# Coal 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



# Coal Mining Areas & Cheshire Brine Subsidence Compensation Area



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



# CON29M Stats

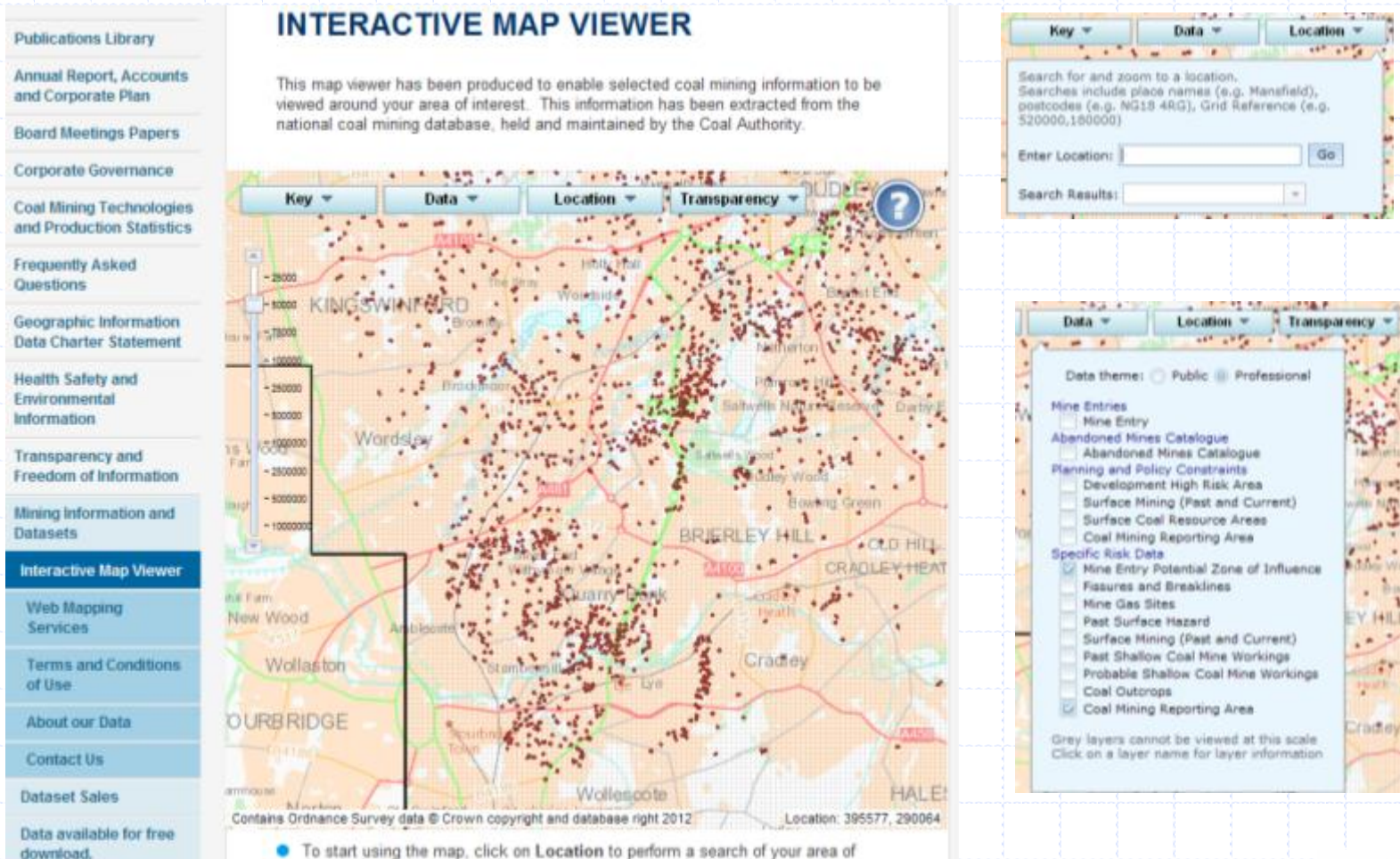
- ◆ 2,000 REGULAR CUSTOMERS
  - ◆ Solicitors, Conveyancers, Search companies
  - ◆ Lenders (Banks, Mortgage companies), Insurers
  - ◆ Members of the Public, Developers, Researchers
- ◆ 250k REPORTS/Yr -  $\frac{1}{3}$  of CONVEYANCING MARKET
- ◆ MAXIMUM VOLUME EVER ACHIEVED 650,000/Yr
- ◆ 91% RETURNED WITHIN 1 day ( KPI 90% )
- ◆ 99% RECEIVED & DISPATCHED DIGITALLY
- ◆ SELF DIGITIZATION - UP FROM 32% to 74% and GROWING





# 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.

**Key** **Data** **Location** **Transparency**

Search for and zoom to a location. Searches include place names (e.g. Mansfield), postcodes (e.g. NG18 4RG), Grid Reference (e.g. S20000,180000)

Enter Location:

Search Results:

**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

Contains Ordnance Survey data © Crown copyright and database right 2012 Location: 395577, 290064

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

# Non-coal Data - 7,600 plans

Fe

As

Cu

Sn

W

Pb

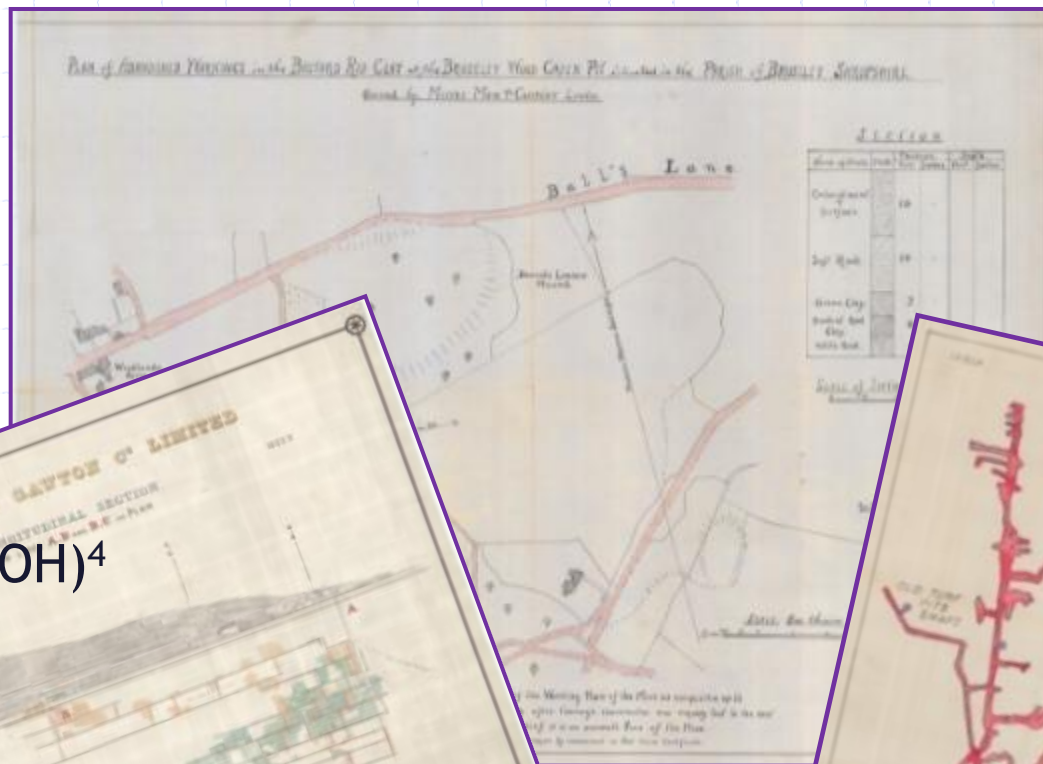
Au

Ag

$\text{Al}^2\text{Si}^2\text{O}^5(\text{OH})^4$

etc

etc



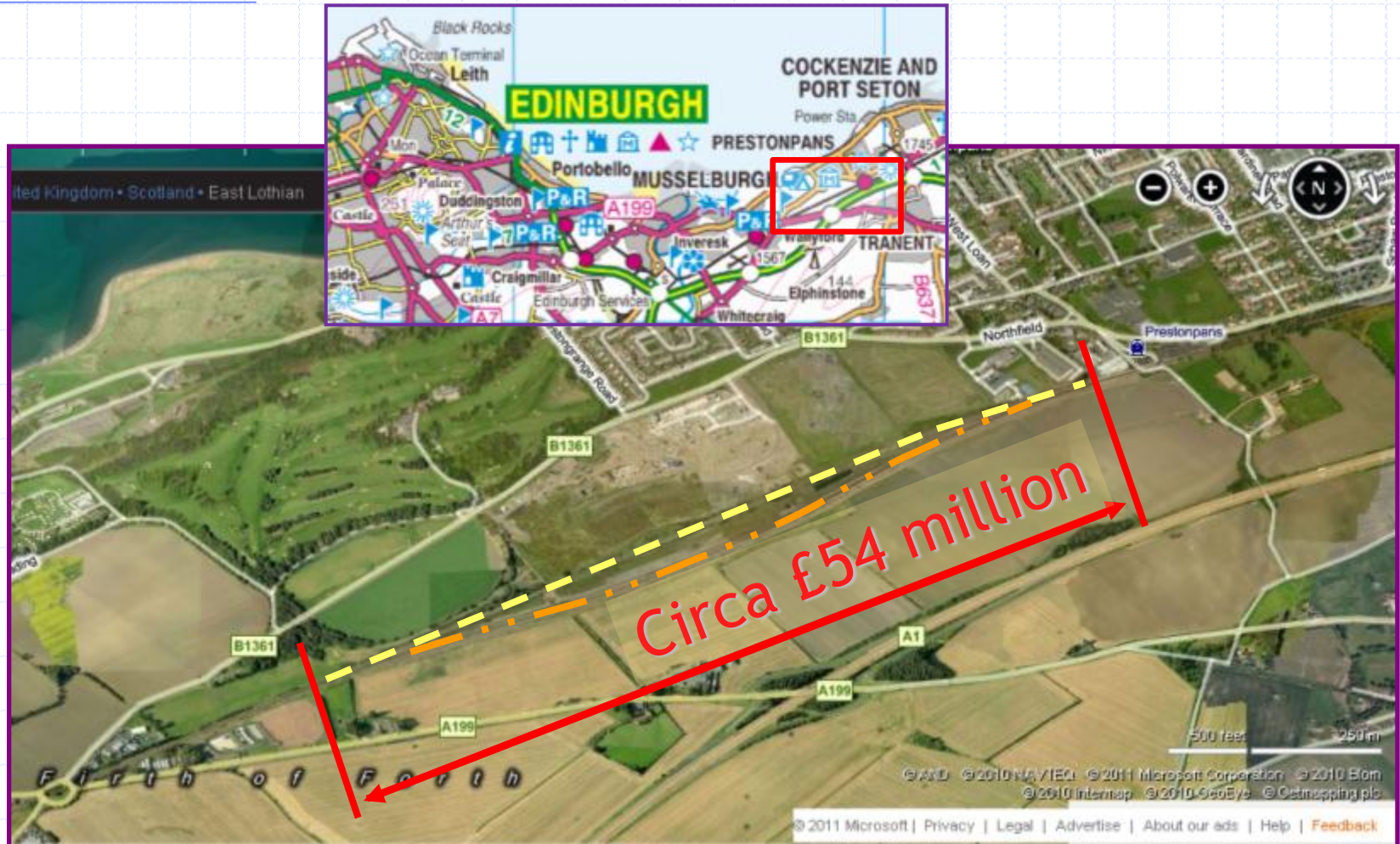
Clay

Lead Ore

Copper & Arsenic



# 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



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

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

Customer help-line: 0845 762 6848