The extent of all known extant and former planning permissions for mineral working is shown on the map, irrespective of their current or past status. This includes permissions for both opencast and surface mining. The map provides a comprehensive view of the mineral deposit permits, which are essential for understanding the potential for mineral extraction within the county of Gloucestershire.

Opencast: worked area

South Gloucestershire

© Och Ochre

Bedrock deposits

Resource level

Coal has been produced by opencast mining in the past with approximately 0.75 Mt produced since World War Two, although current economic interest in the coal seams is low.

The late-Carboniferous age Grovesend Formation has fine-grained sediments at its base but also includes as many as eight thin coal seams. The upper division of the formation is again composed of sandstones with some horizons of finer grained, shaley material.

Upper Coal Measures and the coal seams are comparatively thin and are not of current economic interest.

The Department of Trade and Industry grants licences for exclusive rights to explore and exploit oil and gas onshore within Great Britain. The small coalfield at Minchinhampton is one such area, with the coalfield being heavily worked.

No data exist for the gas content, but gas was absent in most mines, although most areas are now flooded. The small coalfield at Minchinhampton is one such area, with the coalfield being heavily worked.

Abandoned Mine Methane (AMM) and Coalbed Methane potential

No data exist for the gas content, but gas was absent in most mines, although most areas are now flooded. The small coalfield at Minchinhampton is one such area, with the coalfield being heavily worked.

Conventional Oil and Gas

No data exist for the gas content, but gas was absent in most mines, although most areas are now flooded. The small coalfield at Minchinhampton is one such area, with the coalfield being heavily worked.