

Project partners: The British Geological Survey,
David Jarvis Associates and the Derbyshire
Wildlife Trust.

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Marine Dredged Aggregate Minerals Programme.



**British
Geological Survey**

NATIONAL ENVIRONMENT RESEARCH COUNCIL

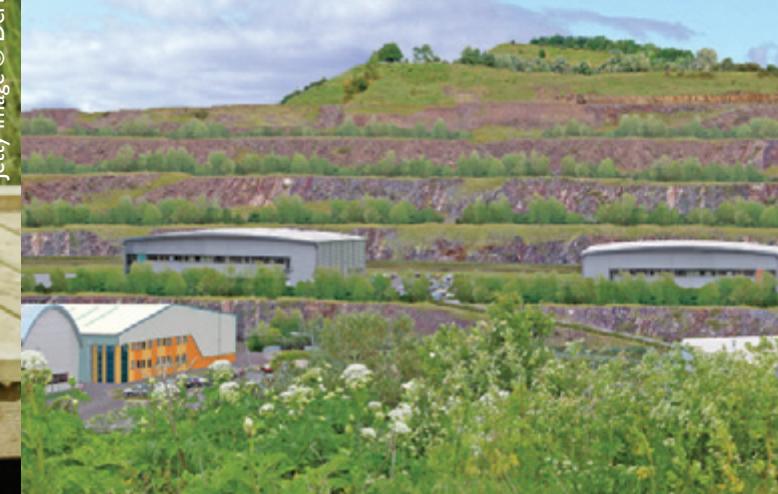


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Explore Quarry Restoration

An interactive PC-based tool to help you
discover the restoration potential of
your local quarry.



Contact details:

For your free copy
of the *Explore Quarry*
Restoration CD-ROM call:
0115 936 3494

or visit:

[www.mineralsUK.com/
quarryrestoration.html](http://www.mineralsUK.com/quarryrestoration.html)

Stone is vital to our modern economy and lifestyle. Construction of houses, hospitals, schools, shops, offices, roads, railways and airports consumes large quantities of stone ('aggregate').

Although increasing amounts of low-grade aggregate are recycled from demolition waste and other materials, natural rocks such as limestone, granite, sand and gravel are the only viable source of the high-quality aggregate required to build safely and affordably. These vital natural raw materials are worked from quarries.

Stone quarries have been part of the English landscape for hundreds of years. Their presence inevitably has consequences for the environment and for the lives of people living close by. However, careful management and restoration, both during and after

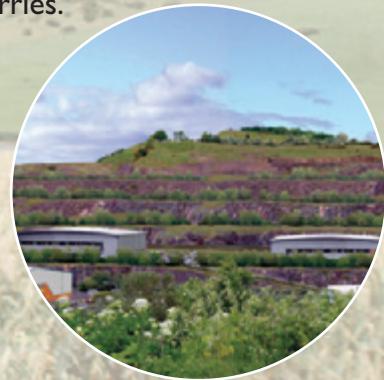
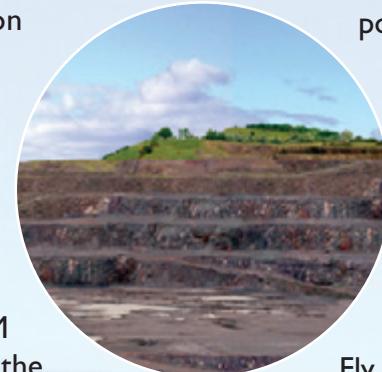
working, can minimise the impact on neighbours and improve the environment in and around quarry sites.

Developed by a team of experts led by the British Geological Survey, Explore Quarry Restoration is a unique interactive CD-ROM which allows you to explore the effects of different types of restoration on contrasting 'virtual' quarries. Features include the ability to accelerate time to assess the impact of tree growth, or move around a realistic three-dimensional model to examine a landscaped area from different viewpoints.

The virtual quarries are linked to pages of further information on quarry restoration issues, from biodiversity to water management. These pages draw on real life examples of good restoration practice and illustrate the possibilities for maximising

positive impacts both during and after quarrying. You can explore the effects of restoration on our specially designed virtual quarries in space and time using our 'flying machine' and our 'time machine'.

Fly over our virtual quarries using our flying machine and explore the 3D landscape in which they are situated. Use our time machine for a detailed look at the effect of time and different types of restoration on our virtual quarries.



TIME.....

+ 10

LINKS

View

Years

0 5 10 15 20

0km

1km

2km

Distance: 2km from quarry

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