



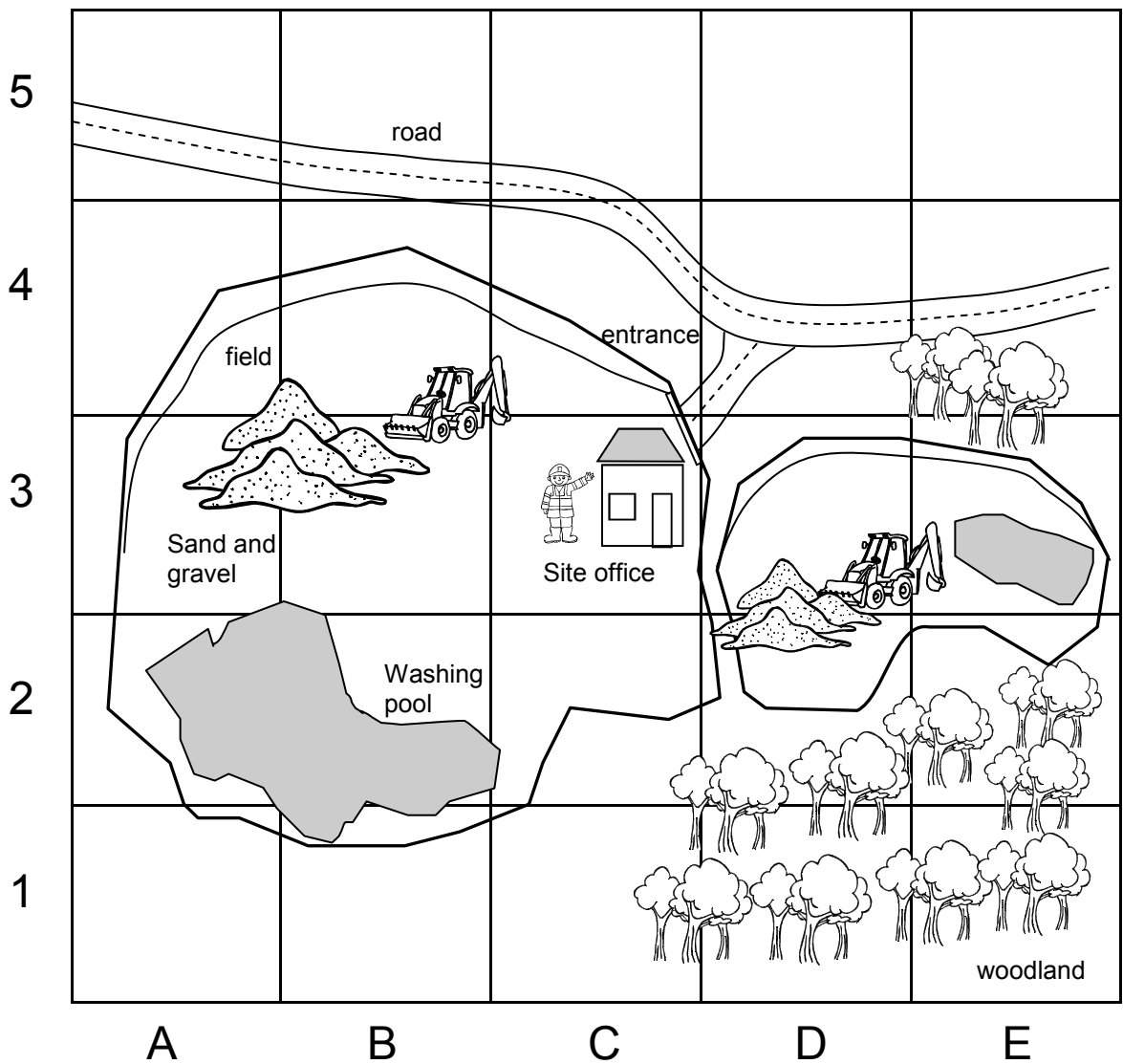
# What happens after the quarry?

This is a map of an imaginary quarry called *Bedford River Valley Quarry*. It is a busy place with lots of sand and gravel dug out of the ground (extracted) for building work.

Before quarrying begins, the quarry manager has to have a **plan** that explains what will happen to the land after all the quarrying is finished in about 10 years time.

Can you help the manager to make a plan?  
What would you do with the quarry site?

Think about what *could* be done and draw your plan on the blank grid once you have decided. Here are a few ideas: woodland, a pond, homes for people, meadow areas, a caravan site, playing fields, paths for walking and cycling.



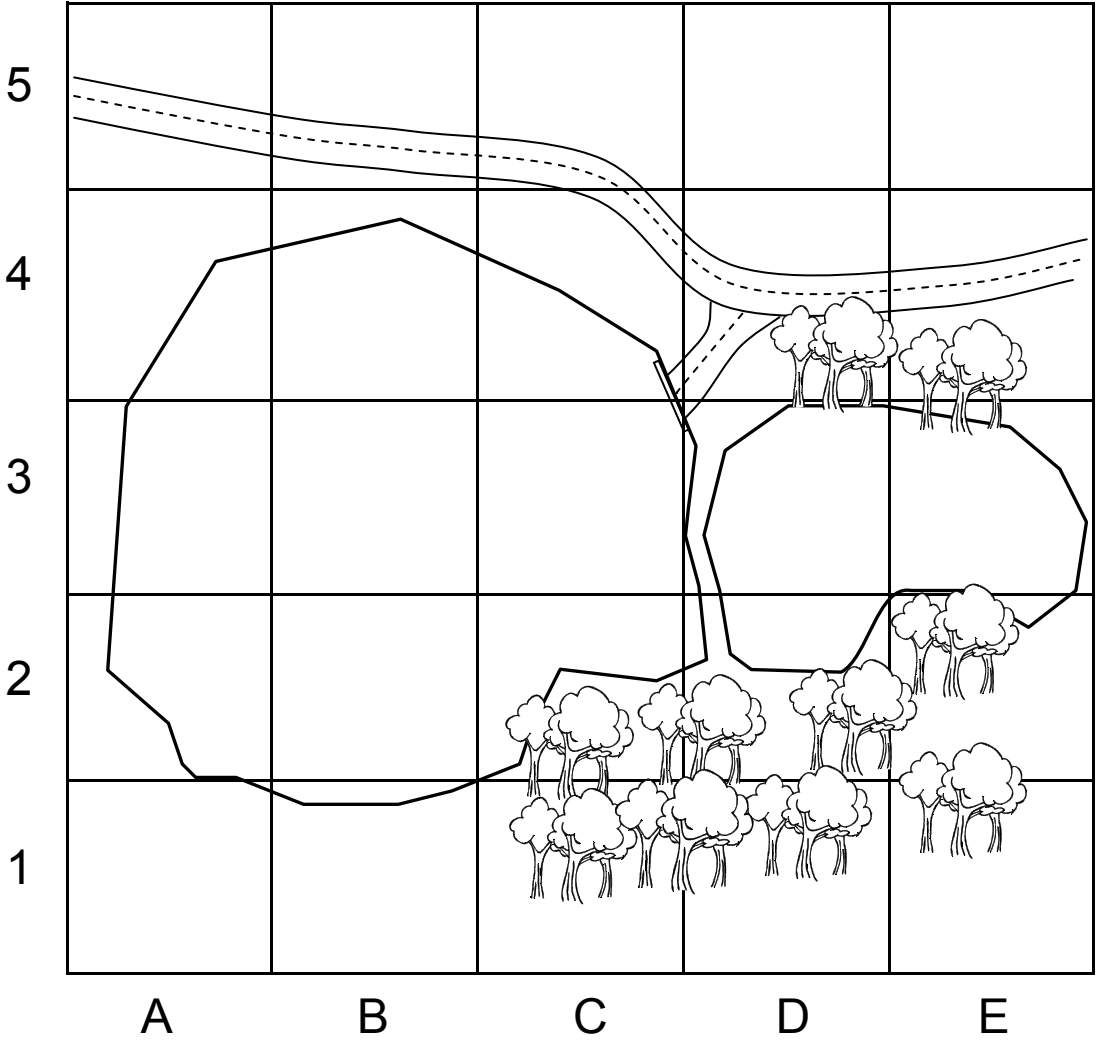
Key:

Trees	Loading shovel	Stockpiles of sand or gravel	Simon the Quarry manager

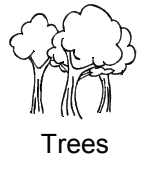


Name.....

My plan for the Bedford River Valley Quarry in the future



Key:



**Suggestion**

- Complete the key for things you have added
- Work in groups to discuss what you could do with the site and take it in turns to present your design to the other groups.

**Think about:**

- How people will get to the site? What facilities will be needed for visitors?
- Will they need to park? Will it be a noisy place?
- Will people living close by like the plan?
- Will it be an attractive landscape?
- Would your site be a place for wildlife or people or both?



Suggestions for work:

- Encourage discussion in groups relating to issues surrounding extraction, **the need for aggregate** (e.g. building roads, schools and homes), the positive and negative **impacts of extraction on the community** (e.g. noise, traffic, employment) aggregate extraction compared to mining other rocks and the **changing landscape** (Aggregate extraction is a relatively low impact and dynamic process with some restoration occurring alongside extraction).
- Encourage consideration of wildlife habitats and recreation opportunities in the future and elements that may be 'in keeping' with or unsuitable for the **existing landscape**.
- Introduce the concept of the River Valley Park as a **floodplain** and flood water storage area, therefore being unsuitable for building.
- Use the quarry map to discuss the use of **keys and coordinates** with the group. Practise using coordinates using questions related to the grid square contents.
- With your group, consider ways of involving local people in the plans and discuss **consultation**. Discuss ways of getting information across to people. Ask participants to **design a poster** asking local people to come and view their imaginary plans or telling local people about the special area of the Bedford River Valley Park.
- Consider a **field visit** to the Lafarge quarry at Willington. This must be arranged through the mineral company but they can offer site visits and guided tours on occasion. Contact details:

Mr Simon Bryant, Quarry manager  
Lafarge Aggregates Ltd.  
Willington Quarry  
Bedford Road  
Cople  
Bedford  
MK44 3PG

Tel: **01234-838165**