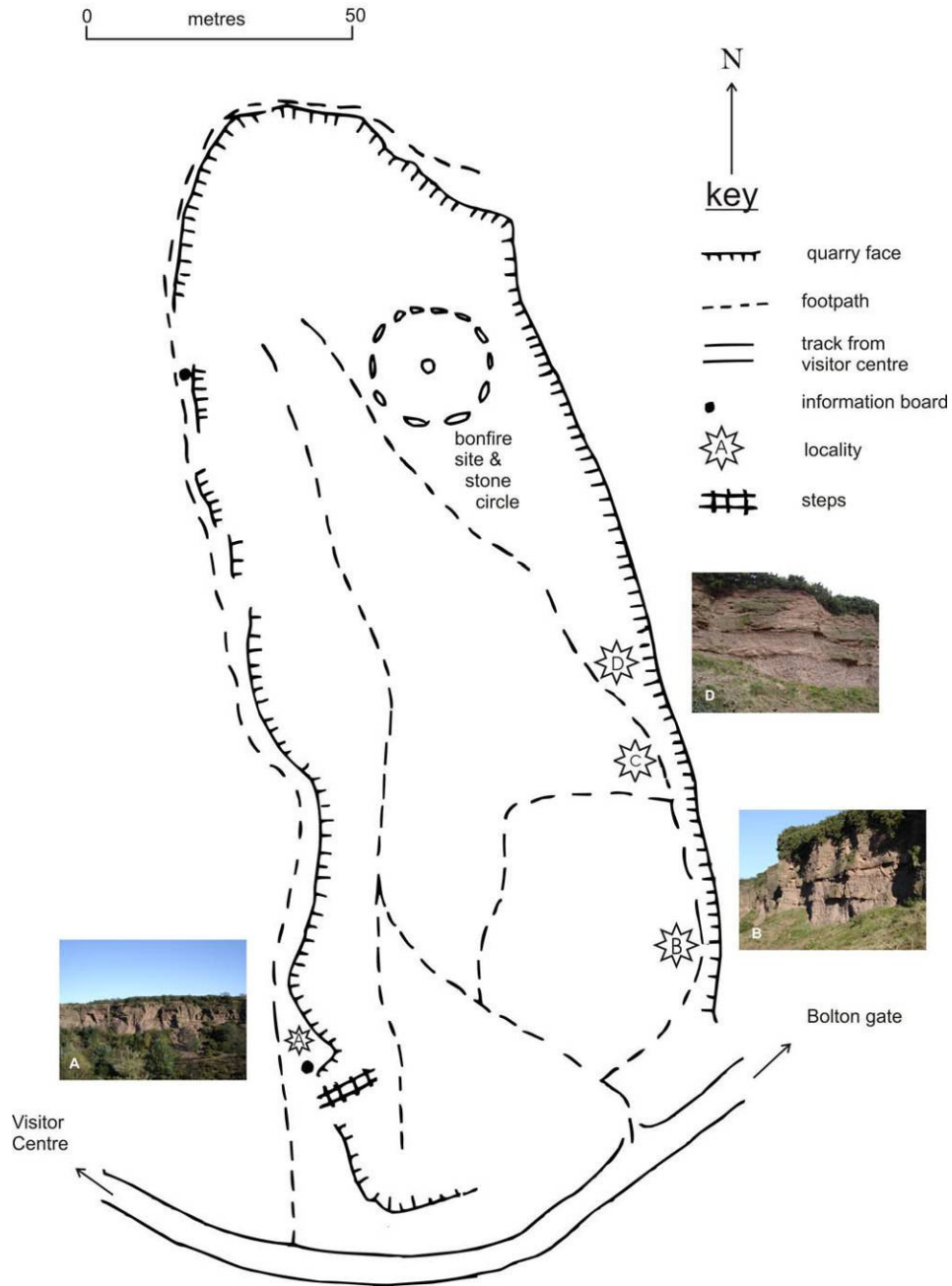


PARK HALL, HULME QUARRIES: "PLAY CANYON"

FIGURE 1 Park Hall "Play Canyon" locality Map.

Park Hall "Play Canyon"- locality map



For a KS3 group there are four localities which should be visited in the alphabetic sequence A>B>C>D. The suggested sequence begins with a field locality which gives an introduction to the Play Canyon. This is followed by three field localities where different KS3 specific activities can be carried out. The localities are shown on **Figure 1**.

PARK HALL COUNTRY PARK: KS3 EARTH-SCIENCE ON-SITE EXERCISES

LOCALITY A: QUARRY FACES FROM A VIEW POINT NEAR TO THE ENGLISH NATURE INFORMATION BOARD

5 minutes

👉 Pupils should have clipboards and copies of the appropriate worksheets. Suggestions of pre-prepared demonstrations are also made for group leaders at some sites.
Walk 50 metres along the track eastwards from the Visitor Centre. Take a footpath northwards to the information board. Stand on the footpath looking east into the quarry.
Originally the quarry was mainly worked for the pebble beds, which were used as aggregate (gravel). The quarry was abandoned in the 1970s.
There are a number of reasons for visiting this locality: the viewpoint gives an introduction to the quarry and allows the pupils to see the scale of the quarry. Another reason is to allow the teacher to point out the route that the pupils will follow during their field trip around the quarry.
The view to the east is shown in **Figure 2** below.



Figure 2: The East Wall from Site A

Possible questions/tasks	Possible answers (words in brackets indicate need or opportunity for further teaching)
Q1 Describe the shape of the quarry.	Roughly rectangular shape. Shallow/longer and wider than it is deep.
Q2 As you are looking eastwards to the opposite quarry face in which direction does the longest length of the quarry run?	Runs from north to south.
Q3 Can you suggest what was extracted from the quarry? How can you tell this?	Sand &/or pebbles/ gravel. Based on the evidence of the piles of sand and pebbles in the quarry north of the view point. (Most of the sand in these piles is the material that was not used).
Q4 We are going to walk round the southern rim of the quarry and then take a footpath onto the floor of the quarry so we can take a closer look at the rocks in the rock faces along the eastern edge of the quarry. Predict whether the rocks in the quarry are likely to be igneous or not.	Not likely to be igneous (on the basis of piles of sand & gravel or on the basis of layering seen in the quarry face).