

KS3 DENE QUARRY (BLACK ROCK)

PUPIL WORKSHEET 9. DENE QUARRY:

Using the information plaque at the Dene Quarry viewpoint find and record the answers to the following questions:

1 When did quarrying begin on this site, and who started it?:

2 What were the names for the limestone being quarried?:

3 Name three buildings that this stone was used for:

4 What was the output in the 1960s and where did most of the limestone go?:

In the 1960s the output was _____ tonnes

It went mainly to _____

6 What is the yearly output of limestone today?:

Today the yearly output of limestone is

_____ tonnes

7 List the uses of this limestone today:

When mixed with bitumen:

When mixed with cement:

Other uses:

8 Describe the 6 steps to change limestone into road surfacing material.

"After the rock has been blasted from the outcrop, dumper trucks take 50 tonne loads to be prepared. The limestone is then ... "

1

2

3

4

5

6

9 List as many different ways you can see to show how the quarry company is trying to reduce any problems caused by the quarry on the area. (Think sight, sound, traffic and dust.)

The quarry is trying to reduce any problems by: