



Fig.11

CHALK (1)

Name

Fig.11 shows a dry valley in Carboniferous Limestone, while Fig.12 shows one in Chalk. Chalk slopes are gentler and smoother (more rounded). Overall gradients in Carboniferous Limestone are about 15°, whereas slopes in chalk are about 5°.

Fig.12



1 Why are slopes steeper in Carb. Limestone?

2 Why are slopes smoother in Chalk?

3 Why do both rocks tend to produce **dry valleys**?

4 Why is there less bare rock and more vegetation on Chalk?

Fig.13



Fig.13 shows a chalk scarp, some of the chalk dip slope, and a clay vale.

Label each clearly.

Label also:- Likely spring, spring line, spring line village, gap in scarp due to spring recession.

1 Why is the chalk (15°) **steeper** than the clay (5°)?