

GEOLOGY FIELDWORK TASK

ARNSIDE COASTGUARD STATION

Activity 1

- Make a brief assessment of any field hazards and list the safety procedures you will now follow.

Activity 2

- Sketch the fault and label as many features as you can.
- What is the angle of the fault?
- Estimate the throw of the fault.
- What type of fault is it?
- Find a mineral vein and describe how it relates to the fault and to any joints.
- Describe and sketch any features found at the fault plane.

Activity 3

- Sketch a fold and label as many features as you can.
 - measure the angle of the limbs
 - measure bed thicknessesShow the above on your sketch.
- Identify and describe in detail the characteristics of the two main rock types.
- Use an annotated sketch or sketches to compare how these two rocks have reacted to the folding, indicate measurements you have taken on the sketch or sketches.

