

Exercise worksheet 6: Geological map of Leeds

Questions: Work through these questions whilst going through presentation 6 whilst using BGS's Geology of Britain viewer

1. What geological periods are represented and what age range do they span?

2. What is the oldest carboniferous formation on the map? Name a specific locality where you might find an outcrop.

3. Write a brief rock description including depositional environment of the Pennine lower coal measure.

4. On what formation is the University of Leeds situated? (you may have to zoom a little for this)

5. Why are many of the units disjointed?

6. What is the general trend of faulting in the area?

7. What is the displacement along the fault that the University of Leeds is situated upon?

8., 9., 10., and 11.



13. What is the reason for the shape of the outcrop highlighted by the circle in presentation 6?