

PROBLEM 3.1

The numbers on the map give the depths in metres (below sea level) to the top of the Wittekalk Limestone.

1. Draw structure contours for the top of the limestone.
2. Explain why the structures cannot be interpreted as cylindrical folds.
3. Label the crest lines and trough lines on the map.
4. Give names to the various periclinal folds present.
5. Calculate the dip direction and dip at points *P* and *Q* on the top of the limestone.

