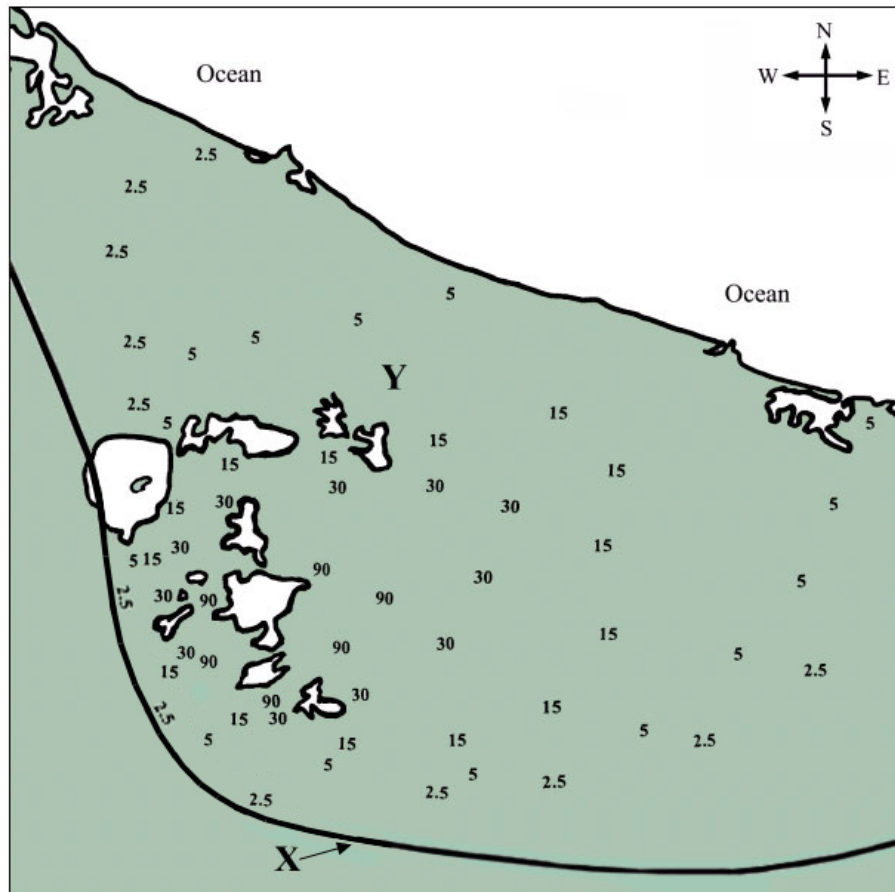


The Tarawera eruption

This task is about interpreting a map and identifying issues about volcanic ash.

Below is a map of an area affected by ash fall from a volcanic eruption.

The numbers, e.g., 15, represent the limit of ash for that depth in centimetres (cm).



- Draw curved lines to join all the numbers which are the same, This will show the limits of ash for the five different depths.
(NOTE: You can draw lines through the lakes, but do not draw lines in the ocean. Draw lines to the coast or the edge of the map where appropriate).
- At point Y on the map, what would be the approximate depth of ash? _____ cm.
- What description about ash fall should be given to the line labelled X?

d) i) Draw a letter **V** on the map to show the point where the erupting volcano probably was located.

ii) What evidence did you use to decide on the location of this volcano?

e) From which direction was the wind probably blowing when this eruption occurred?

f) Explain **three** major problems this ash could cause if there were towns nearby.

1.

2.

3.
