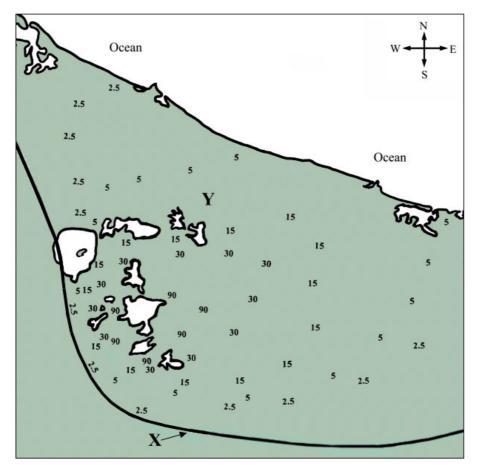
## This task is about interpreting a map and identifying issues about volcanic ash.

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).



- a) 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).
- b) At point Y on the map, what would be the approximate depth of ash? \_\_\_\_\_ cm.
- c) 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.

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